

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131918.D
 Acq On : 05 Jan 2023 16:51
 Operator : CG\JU
 Sample : 01029-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-205MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/06/2023
 Supervised By : Jagrut Upadhyay 01/06/2023

Quant Time: Jan 06 03:11:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	69523	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	253622	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	147766	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	292935	20.000	ng	0.00
76) Chrysene-d12	14.004	240	147437	20.000	ng	0.00
86) Perylene-d12	15.480	264	137537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	493636	117.668	ng	0.02
7) Phenol-d6	6.446	99	653695	118.602	ng	0.00
23) Nitrobenzene-d5	7.375	82	460085	72.427	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	199851	124.480	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	789588	73.192	ng	0.00
79) Terphenyl-d14	12.945	244	885325	101.572	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	75288	38.700	ng	97
3) Pyridine	3.287	79	205472	37.570	ng	98
4) n-Nitrosodimethylamine	3.258	42	108703	42.271	ng	100
6) Aniline	6.469	93	256865	38.428	ng	100
8) 2-Chlorophenol	6.587	128	191237	43.268	ng	93
9) Benzaldehyde	6.351	77	122138	34.536	ng	95
10) Phenol	6.457	94	275104	41.914	ng	88
11) bis(2-Chloroethyl)ether	6.540	93	202035	43.044	ng	99
12) 1,3-Dichlorobenzene	6.740	146	214627	42.493	ng	98
13) 1,4-Dichlorobenzene	6.822	146	211719	41.593	ng	96
14) 1,2-Dichlorobenzene	6.975	146	204938	42.847	ng	98
15) Benzyl Alcohol	6.951	79	214210	44.319	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	256866	42.884	ng	98
17) 2-Methylphenol	7.069	107	172789	42.763	ng	97
18) Hexachloroethane	7.316	117	86756	42.208	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	163909	42.108	ng	100
20) 3+4-Methylphenols	7.222	107	222699	42.241	ng	96
22) Acetophenone	7.222	105	312742	42.061	ng	# 99
24) Nitrobenzene	7.393	77	255400	40.118	ng	98
25) Isophorone	7.634	82	459942	44.336	ng	98
26) 2-Nitrophenol	7.710	139	104283	42.131	ng	95
27) 2,4-Dimethylphenol	7.751	122	178127	50.451	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	253642	45.575	ng	99
29) 2,4-Dichlorophenol	7.957	162	178553	41.975	ng	99
30) 1,2,4-Trichlorobenzene	8.034	180	205524	40.751	ng	98
31) Naphthalene	8.116	128	558989	40.245	ng	99
32) Benzoic acid	7.893	122	102529	39.730	ng	87
33) 4-Chloroaniline	8.169	127	147635	27.702	ng	99
34) Hexachlorobutadiene	8.228	225	136069	39.435	ng	99
35) Caprolactam	8.551	113	53572m	42.537	ng	
36) 4-Chloro-3-methylphenol	8.663	107	205892	42.827	ng	95
37) 2-Methylnaphthalene	8.810	142	378695	40.624	ng	100
38) 1-Methylnaphthalene	8.910	142	348343	38.470	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	218379	42.090	ng	99
41) Hexachlorocyclopentadiene	8.957	237	223816	95.176	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	135820	40.872	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	145491	40.503	ng	98
46) 1,1'-Biphenyl	9.281	154	481298	42.544	ng	98
47) 2-Chloronaphthalene	9.304	162	383760	41.003	ng	98
48) 2-Nitroaniline	9.404	65	141875	41.356	ng	94
49) Acenaphthylene	9.722	152	580540	41.656	ng	99
50) Dimethylphthalate	9.587	163	468138	41.877	ng	99
51) 2,6-Dinitrotoluene	9.651	165	102086	42.185	ng	96
52) Acenaphthene	9.892	154	341908	40.650	ng	100
53) 3-Nitroaniline	9.822	138	72837	29.539	ng	99
54) 2,4-Dinitrophenol	9.934	184	118930	85.399	ng	97
55) Dibenzofuran	10.069	168	537107	41.447	ng	100
56) 4-Nitrophenol	9.998	139	138313	80.073	ng	90
57) 2,4-Dinitrotoluene	10.057	165	140523	42.460	ng	91
58) Fluorene	10.410	166	430924	40.733	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	124408m	42.204	ng	
60) Diethylphthalate	10.286	149	453266	42.128	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	235311	42.787	ng	94
62) 4-Nitroaniline	10.445	138	100303	39.032	ng	96
63) Azobenzene	10.563	77	598340	50.109	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	79844	40.033	ng	93
66) n-Nitrosodiphenylamine	10.522	169	371782	41.606	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	142100	41.854	ng	95
68) Hexachlorobenzene	10.957	284	158491	42.495	ng	92
69) Atrazine	11.057	200	132795	45.141	ng	98
70) Pentachlorophenol	11.157	266	151360	82.015	ng	97
71) Phenanthrene	11.381	178	639106	39.674	ng	100
72) Anthracene	11.428	178	650662	41.290	ng	99
73) Carbazole	11.586	167	565040	40.616	ng	98
74) Di-n-butylphthalate	11.916	149	696093	41.397	ng	99
75) Fluoranthene	12.569	202	699463	37.278	ng	99
77) Benzidine	12.698	184	316104	130.464	ng	99
78) Pyrene	12.804	202	702802	56.872	ng	99
80) Butylbenzylphthalate	13.422	149	258927	56.490	ng	94
81) Benzo(a)anthracene	13.998	228	445890	41.771	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	104633	33.913	ng	100
83) Chrysene	14.033	228	400523	39.928	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	315237	56.485	ng	100
85) Di-n-octyl phthalate	14.598	149	389061	51.786	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	471050	53.909	ng	99
88) Benzo(b)fluoranthene	15.051	252	361242	35.820	ng	99
89) Benzo(k)fluoranthene	15.080	252	344231	35.328	ng	99
90) Benzo(a)pyrene	15.416	252	334336	42.821	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	388167	54.234	ng	99
92) Benzo(g,h,i)perylene	17.410	276	388918	46.166	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Christian Giraldo	01/06/2023
Supervised By :Jagrut Upadhyay	01/06/2023

Abundance

TIC: BF131918.D\data.ms

Time-->

1,4-Dioxane

p-Nitrosodiphenylamine,

2-Fluorophenol, S

Phenol-d6, S

Phenol-d5, S

Phenol-d4, S

1,3-Dichlorobenzene, C

2,2'-oxybis(1-Chloropropane)

Nitrobenzene-d5, S

Nitrobenzene

2,4-Dimethylphenol

Bis(2-Chloroethyl)amine

2,4,6-Trichlorophenol

Hexachlorobutadiene

4-Chloro-3-methylphenol, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Nitroaniline

2,4,5-Trichlorophenol

2-Chloro-4-nitrophenol

2-Nitroaniline

2,6-Dinitrophenol

3-Nitroaniline

2,4,6-Trichlorophenol

2,3,4,6-Tetrachlorophenol

4-Nitroaniline

2-methylphenol

Azobenzene

2,4,6-Trichlorophenol

Hexachlorobenzene

Phenanthrene

Anthracene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Butylbenzylphthalate

3,3'-Dichlorobiphenyl

2-ethylhexylphthalate

Di-n-octyl phthalate, c

Benzobiphenylene

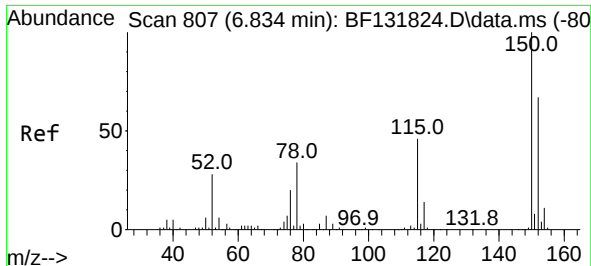
Benzofuran

Benzo(a)pyrene, C

Perylene-d12, I

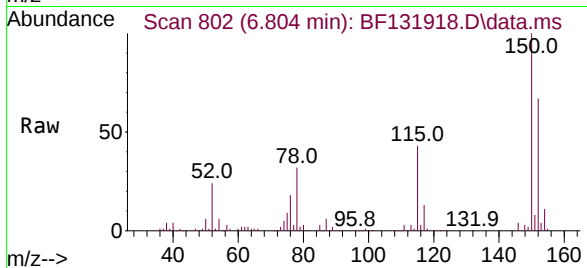
Indeno(1,2,3-cd)pyrene

Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131918.D
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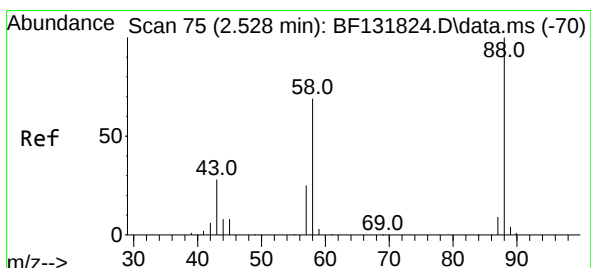
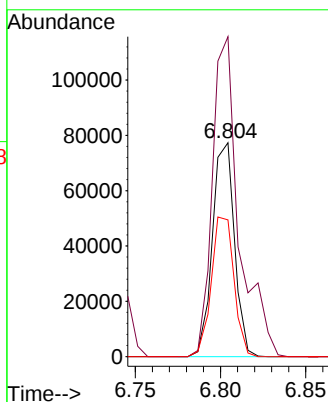
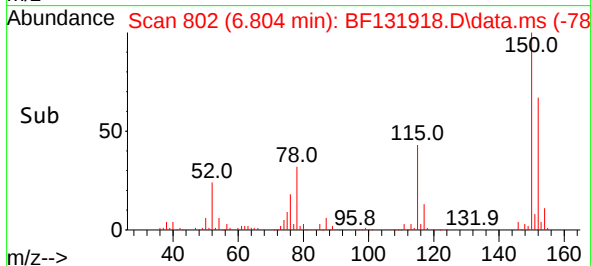
Instrument :
BNA_F
ClientSampleId :
TP-205MS



Tgt Ion:152 Resp: 69523
Ion Ratio Lower Upper
152 100
150 149.7 120.0 180.0
115 63.9 55.1 82.7

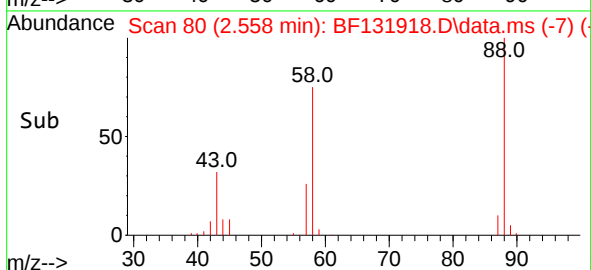
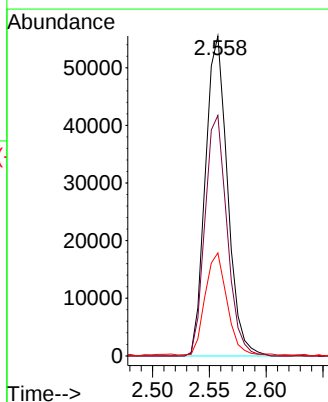
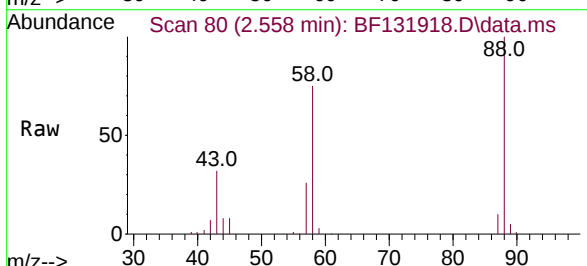
Manual Integrations
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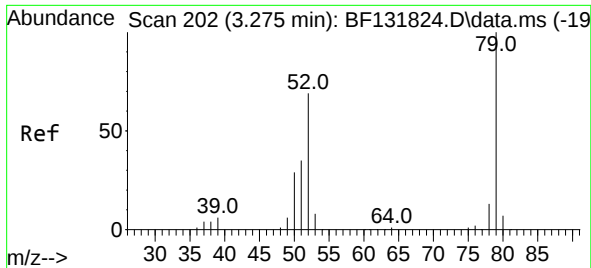
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#2
1,4-Dioxane
Concen: 38.700 ng
RT: 2.558 min Scan# 80
Delta R.T. 0.077 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

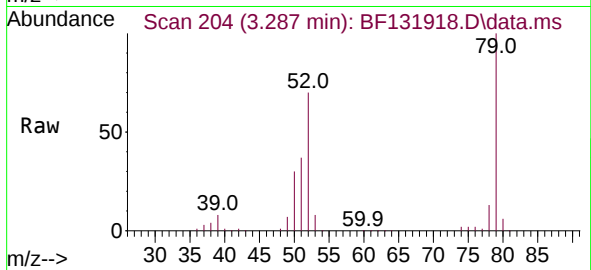
Tgt Ion: 88 Resp: 75288
Ion Ratio Lower Upper
88 100
58 75.0 58.2 87.2
43 31.4 24.2 36.4





#3
Pyridine
Concen: 37.570 ng
RT: 3.287 min Scan# 202
Delta R.T. 0.077 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

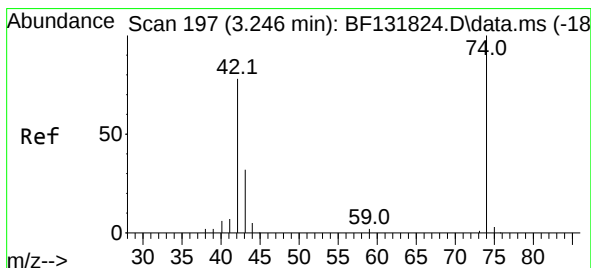
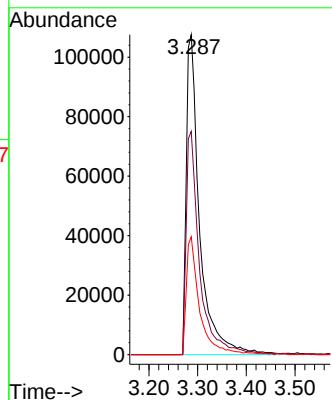
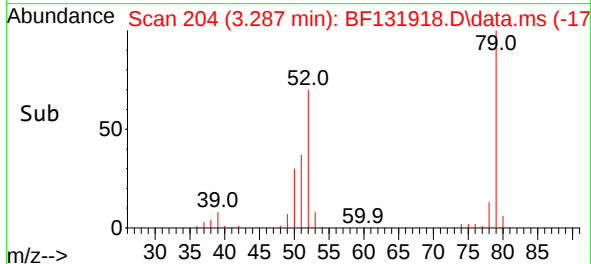
Instrument :
BNA_F
ClientSampleId :
TP-205MS



Tgt Ion: 79 Resp: 205472
Ion Ratio Lower Upper
79 100
52 69.8 55.4 83.2
51 36.8 27.8 41.8

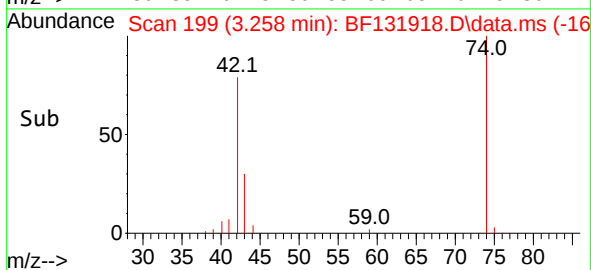
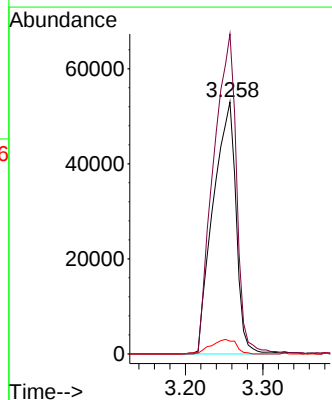
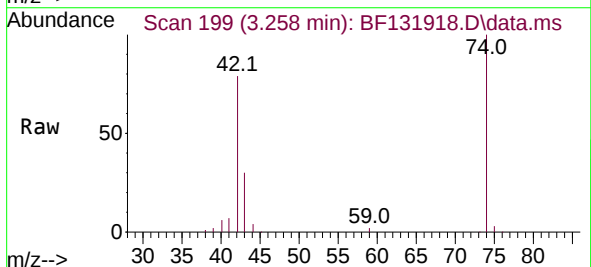
Manual Integrations
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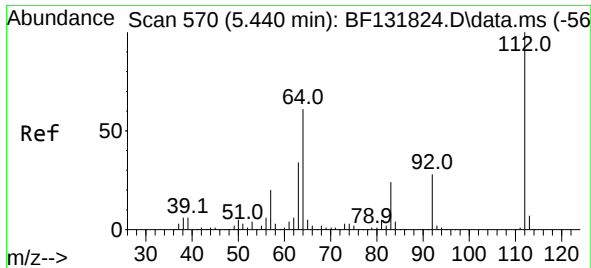
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#4
n-Nitrosodimethylamine
Concen: 42.271 ng
RT: 3.258 min Scan# 199
Delta R.T. 0.077 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 42 Resp: 108703
Ion Ratio Lower Upper
42 100
74 127.0 102.0 153.0
44 5.1 4.6 7.0





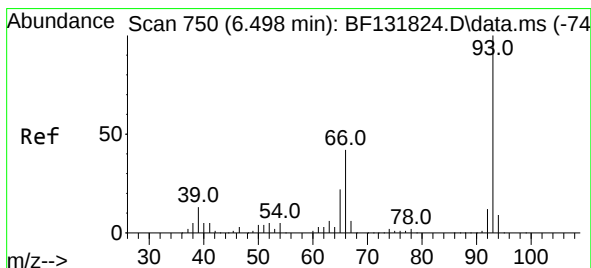
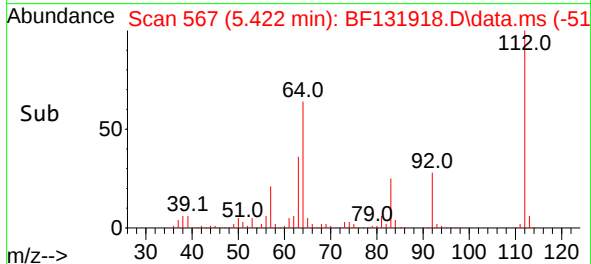
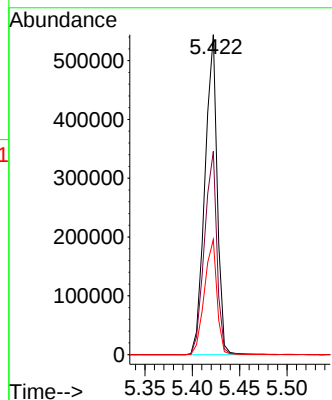
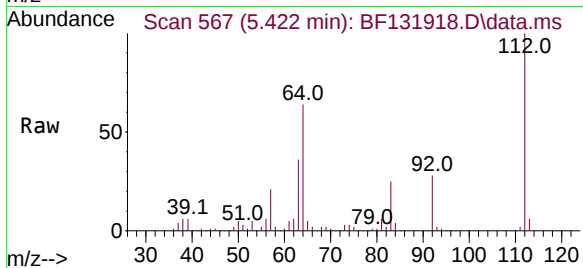
#5
2-Fluorophenol
Concen: 117.668 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Tgt Ion:112 Resp: 493636
Ion Ratio Lower Upper
112 100
64 63.5 49.2 73.8
63 35.9 27.5 41.3

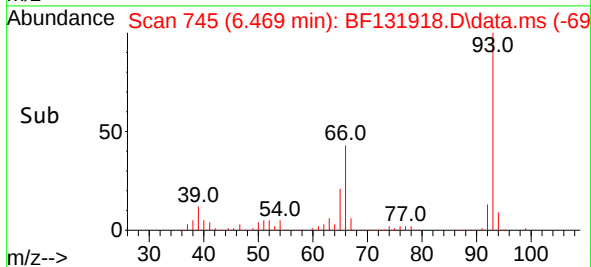
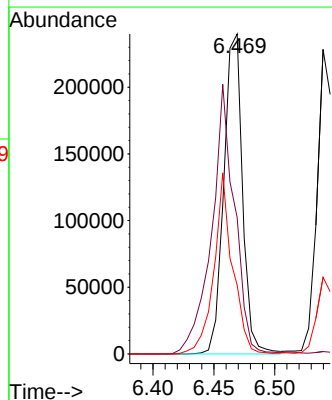
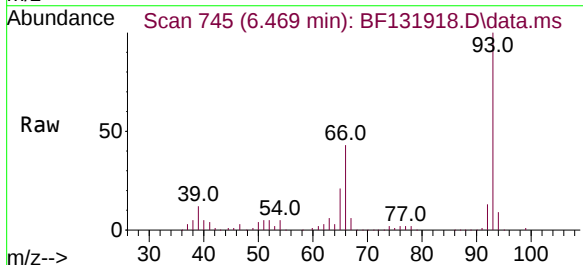
Manual Integrations
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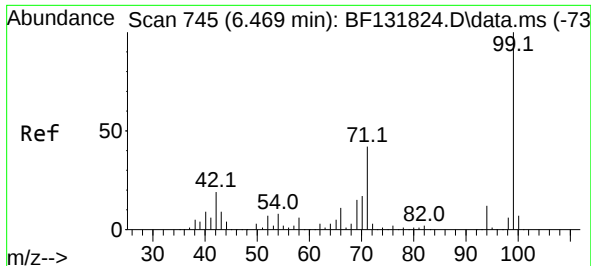
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#6
Aniline
Concen: 38.428 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 93 Resp: 256865
Ion Ratio Lower Upper
93 100
66 42.6 33.9 50.9
65 21.5 17.4 26.0





#7

Phenol-d6

Concen: 118.602 ng

RT: 6.446 min Scan# 745

Delta R.T. 0.006 min

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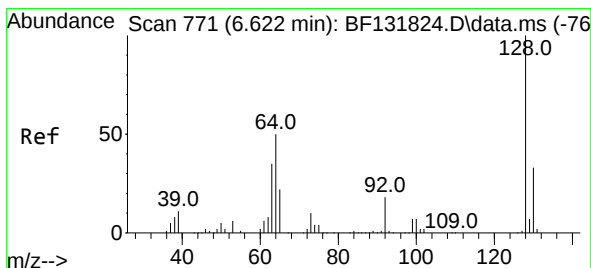
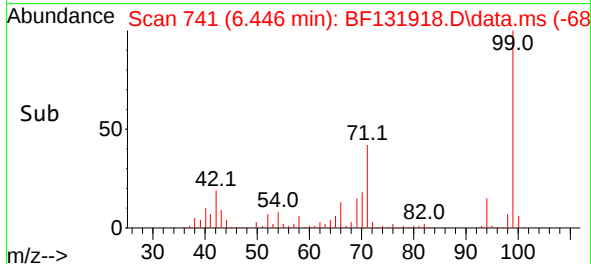
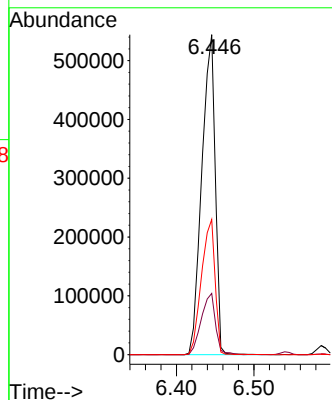
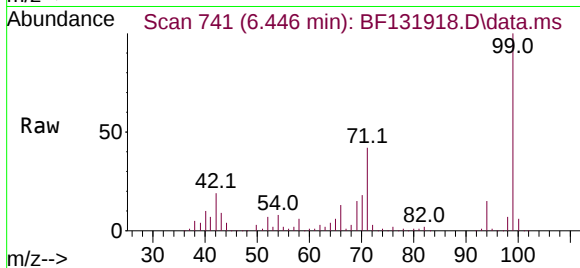
TP-205MS

Tgt Ion:	99	Resp:	65369
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.3	22.9
71	42.2	33.5	50.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 43.268 ng

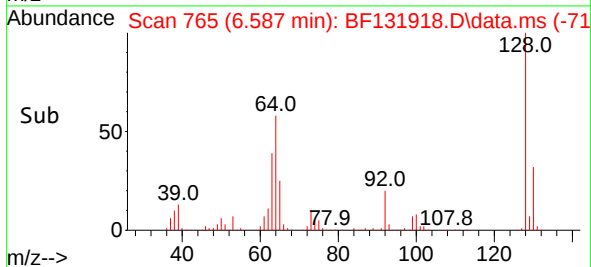
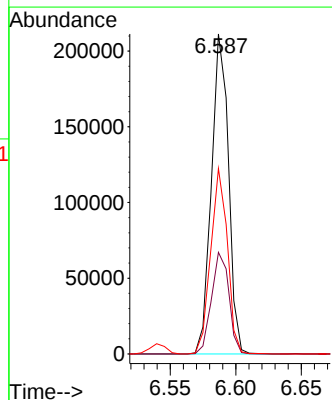
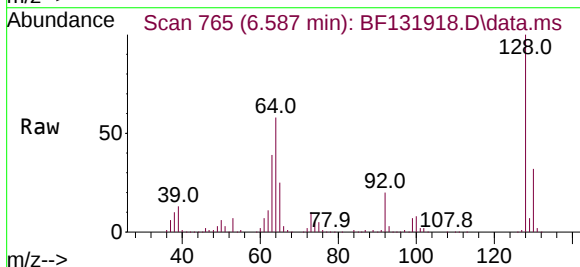
RT: 6.587 min Scan# 765

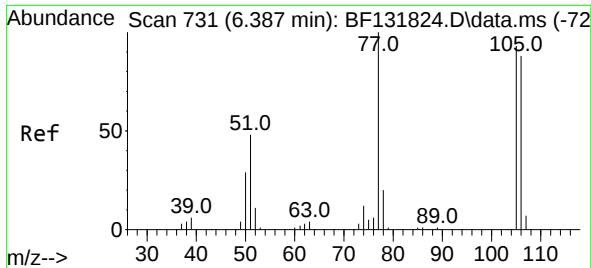
Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Tgt Ion:	128	Resp:	191237
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.6	52.6
64	57.9	30.7	70.7





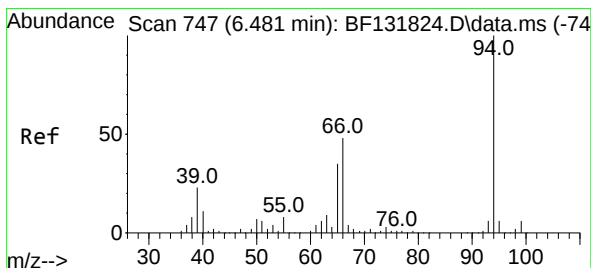
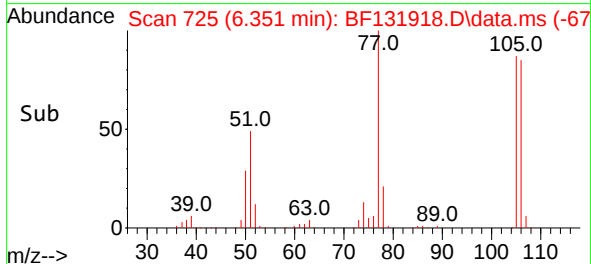
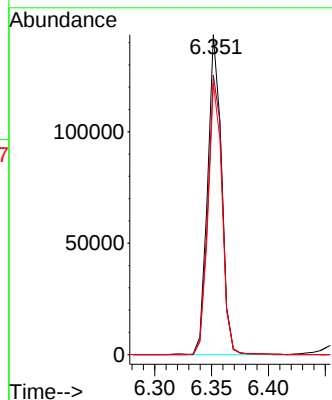
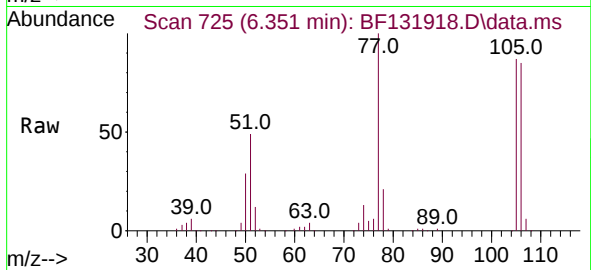
#9
Benzaldehyde
Concen: 34.536 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Tgt Ion: 77 Resp: 122138
Ion Ratio Lower Upper
77 100
105 87.4 72.9 112.9
106 84.9 68.5 108.5

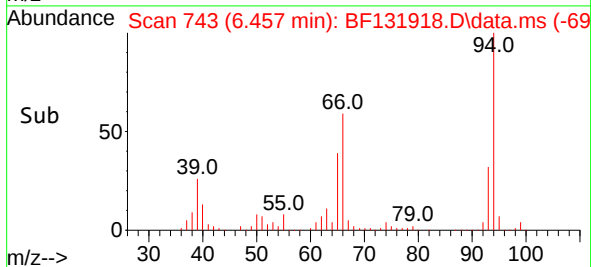
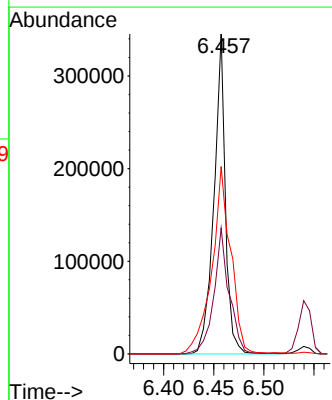
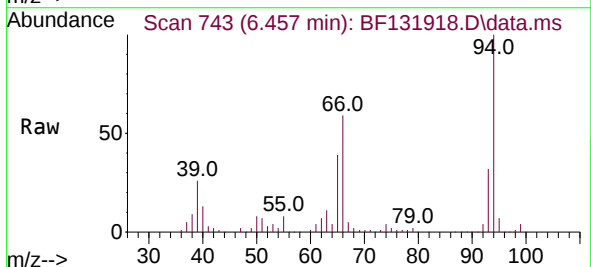
Manual Integrations
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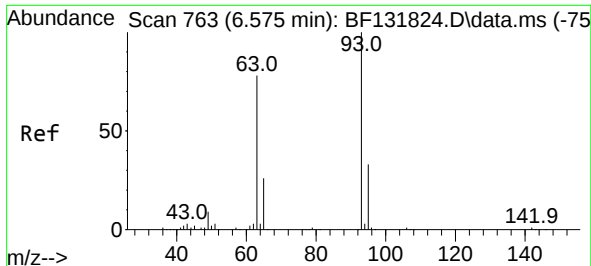
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#10
Phenol
Concen: 41.914 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 94 Resp: 275104
Ion Ratio Lower Upper
94 100
65 39.3 14.6 54.6
66 58.5 28.2 68.2





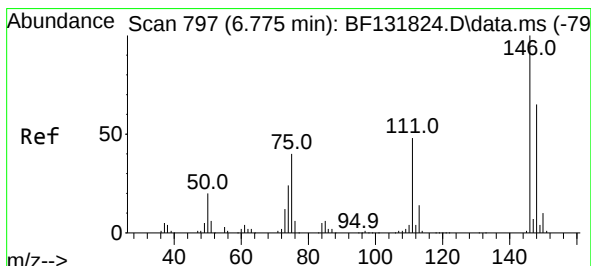
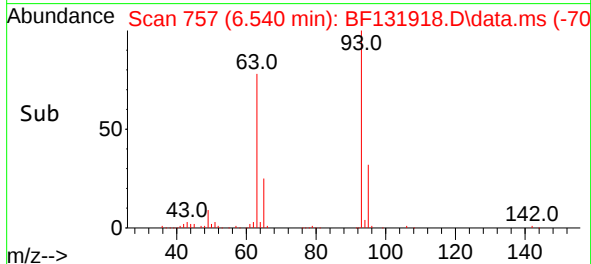
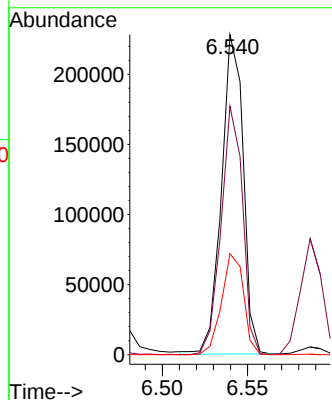
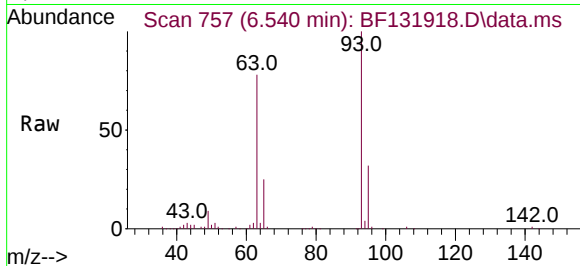
#11
bis(2-Chloroethyl)ether
Concen: 43.044 ng
RT: 6.540 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Tgt Ion: 93 Resp: 202035
Ion Ratio Lower Upper
93 100
63 77.6 57.6 97.6
95 31.5 12.7 52.7

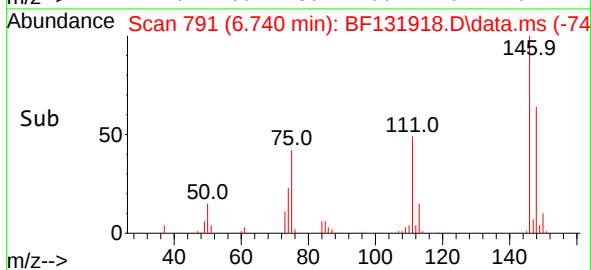
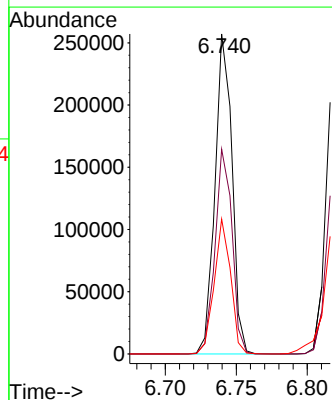
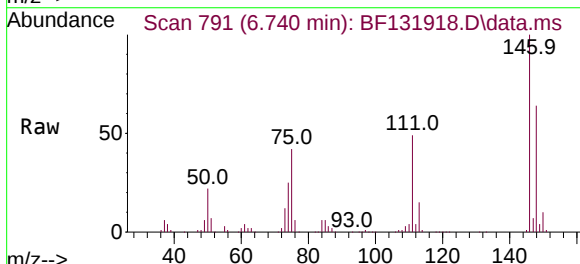
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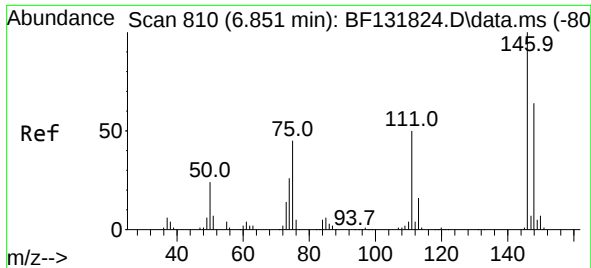
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#12
1,3-Dichlorobenzene
Concen: 42.493 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Tgt Ion:146 Resp: 214627
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 42.1 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 41.593 ng

RT: 6.822 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

TP-205MS

Tgt Ion:146 Resp: 211719

Ion Ratio Lower Upper

146 100

148 65.6 51.3 76.9

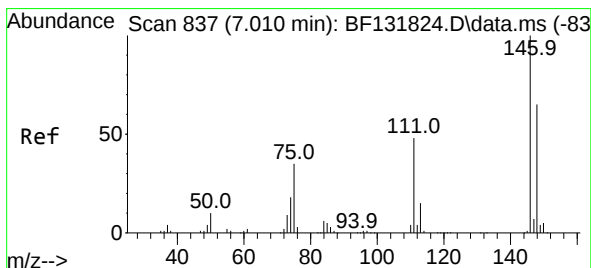
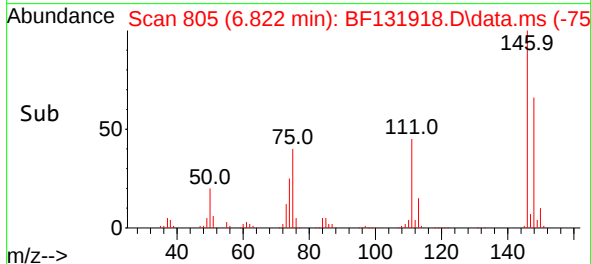
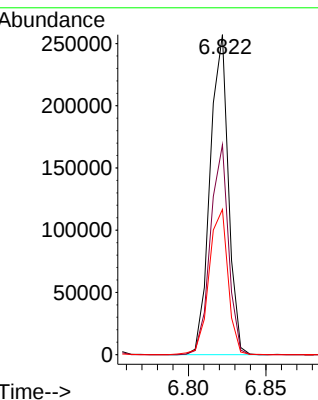
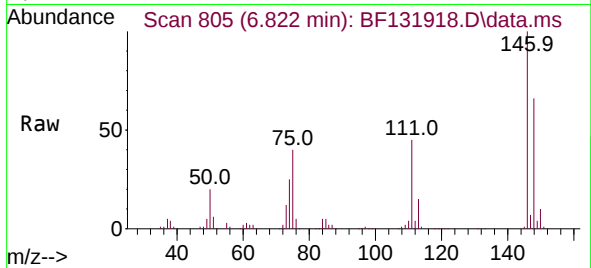
111 45.4 40.1 60.1

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Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#14

1,2-Dichlorobenzene

Concen: 42.847 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

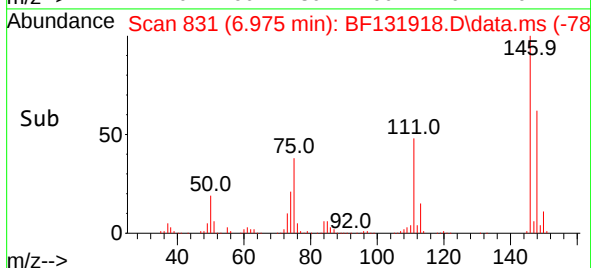
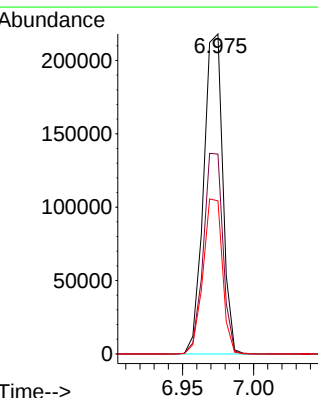
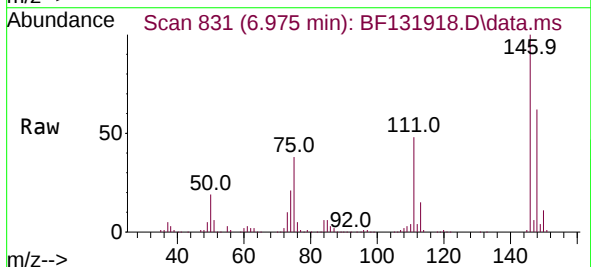
Tgt Ion:146 Resp: 204938

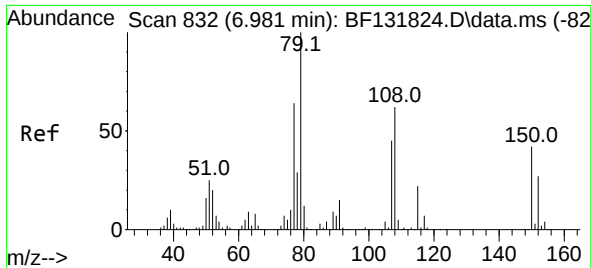
Ion Ratio Lower Upper

146 100

148 62.4 52.2 78.4

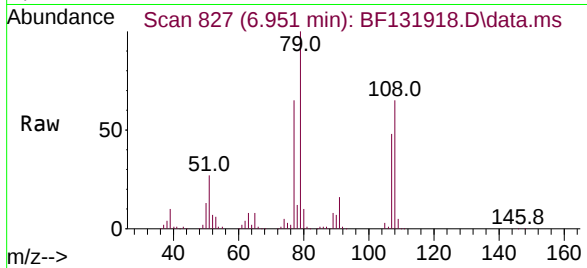
111 47.8 38.2 57.4





#15
Benzyl Alcohol
Concen: 44.319 ng
RT: 6.951 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

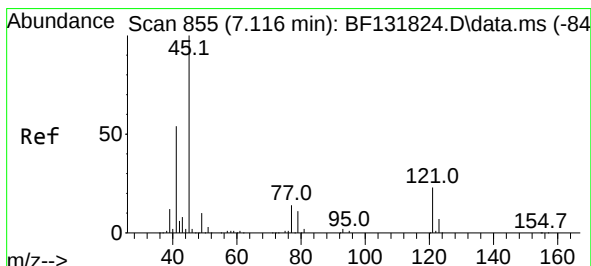
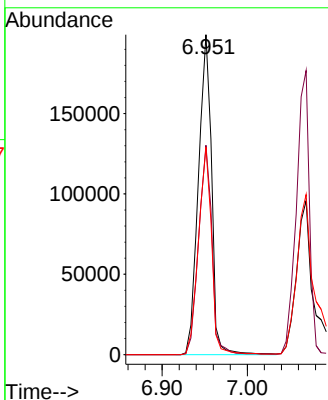
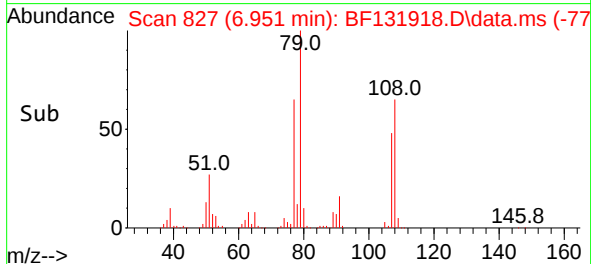
Instrument :
BNA_F
ClientSampleId :
TP-205MS



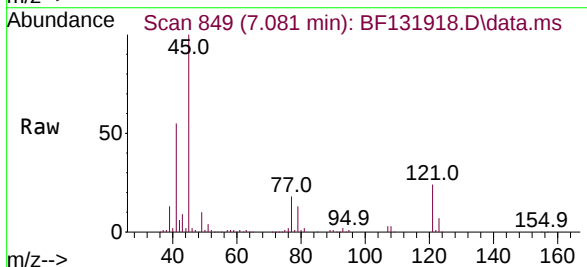
Tgt Ion: 79 Resp: 214216
Ion Ratio Lower Upper
79 100
108 65.4 49.8 74.8
77 64.8 51.4 77.0

Manual Integrations
APPROVED

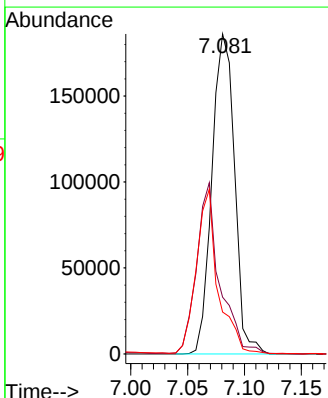
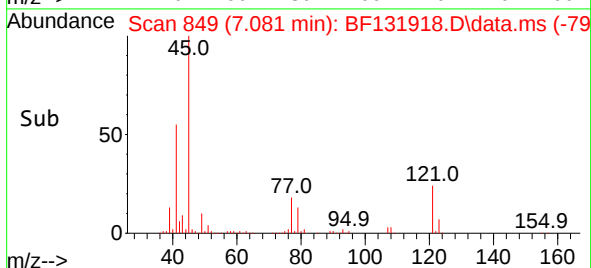
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

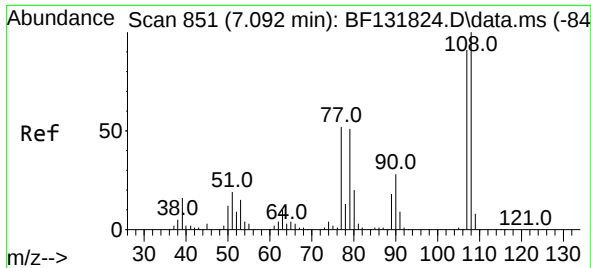


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.884 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



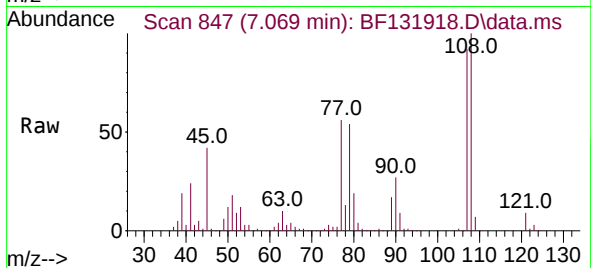
Tgt Ion: 45 Resp: 256866
Ion Ratio Lower Upper
45 100
77 17.7 0.0 36.1
79 13.1 0.0 33.3





#17
2-Methylphenol
Concen: 42.763 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

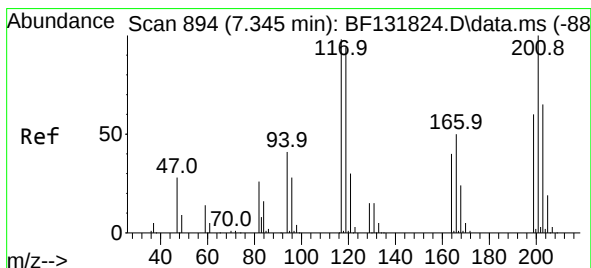
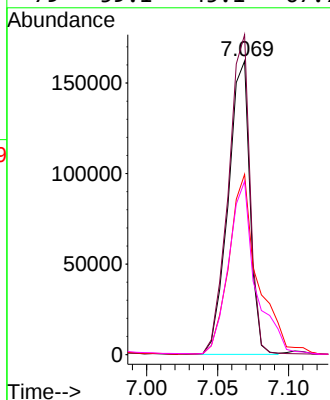
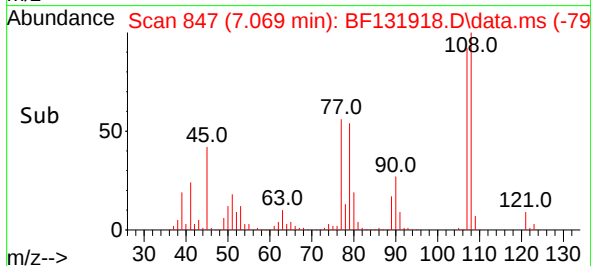
Instrument :
BNA_F
ClientSampleId :
TP-205MS



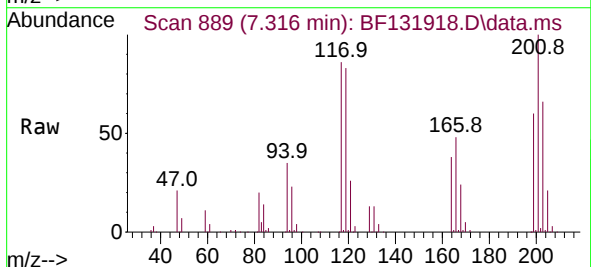
Tgt Ion:107 Resp: 172789
Ion Ratio Lower Upper
107 100
108 109.0 87.6 131.4
77 61.4 45.8 68.8
79 59.1 45.1 67.7

Manual Integrations
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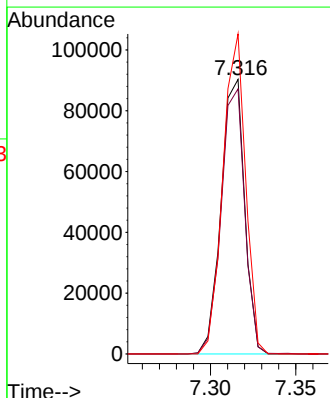
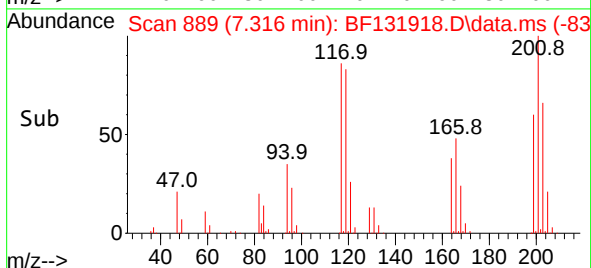
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

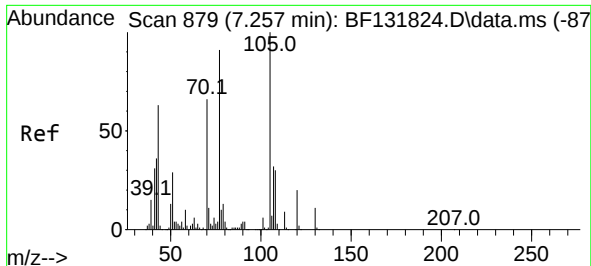


#18
Hexachloroethane
Concen: 42.208 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



Tgt Ion:117 Resp: 86756
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
201 116.6 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 42.108 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

TP-205MS

Tgt Ion: 70 Resp: 163909

Ion Ratio Lower Upper

70 100

42 54.8 43.8 65.6

101 9.2 7.4 11.0

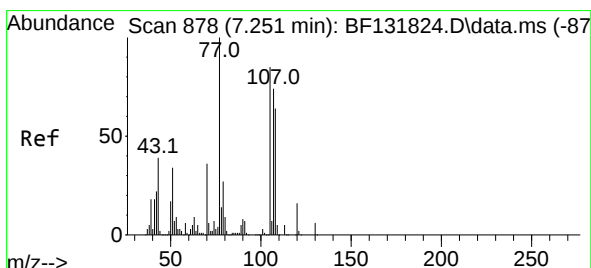
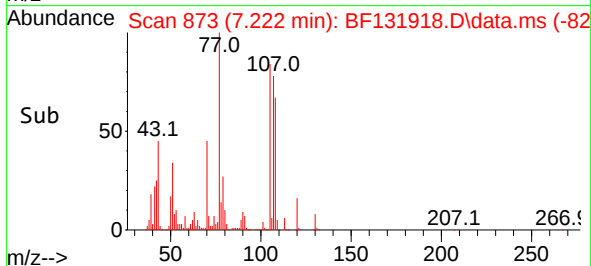
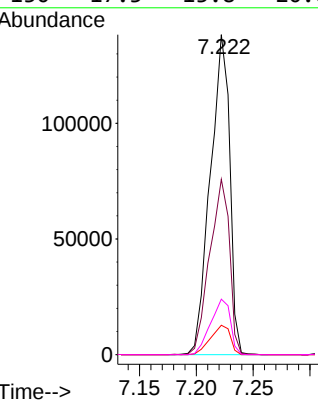
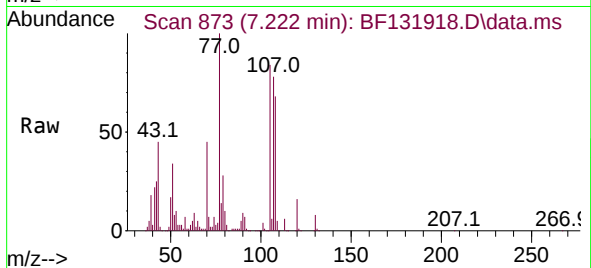
130 17.3 13.8 20.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#20

3+4-Methylphenols

Concen: 42.241 ng

RT: 7.222 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Tgt Ion:107 Resp: 222699

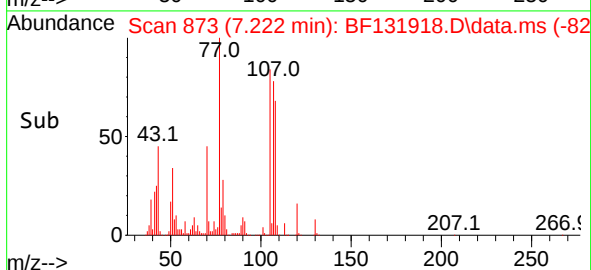
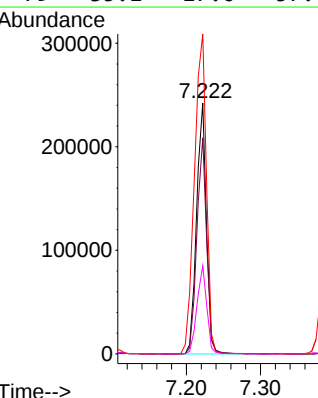
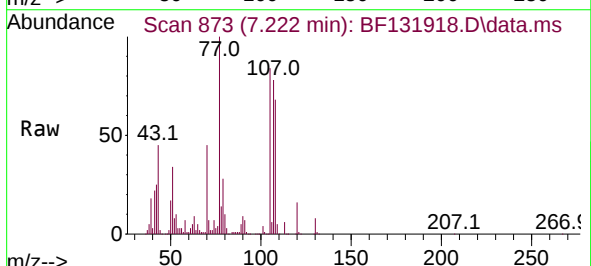
Ion Ratio Lower Upper

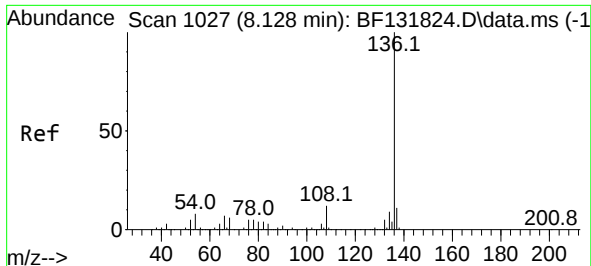
107 100

108 86.1 67.1 107.1

77 127.5 114.9 154.9

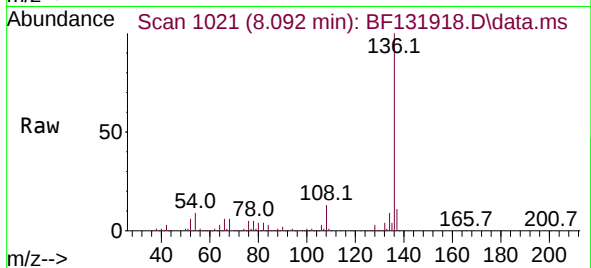
79 35.1 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

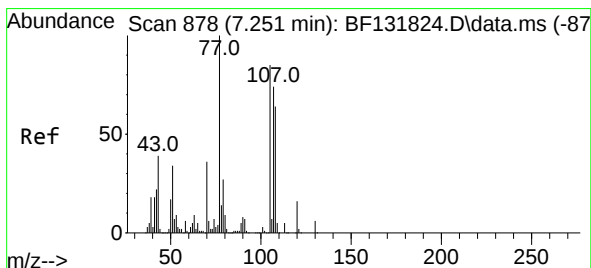
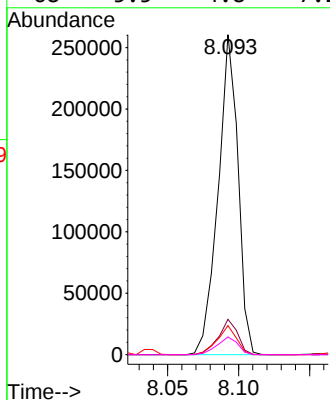
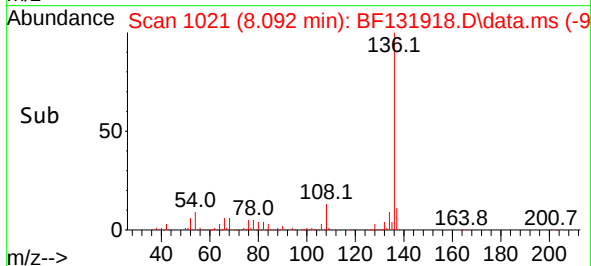
Instrument :
BNA_F
ClientSampleId :
TP-205MS



Tgt Ion:136 Resp: 253622
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.1 6.7 10.1
68 5.5 4.8 7.2

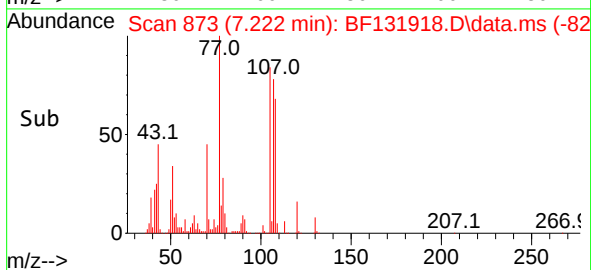
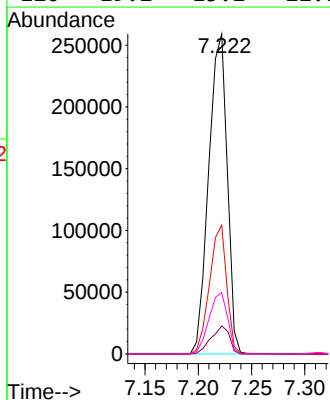
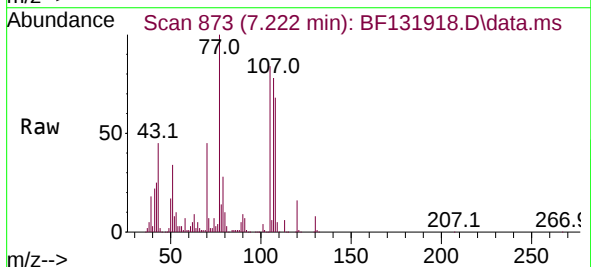
Manual Integrations
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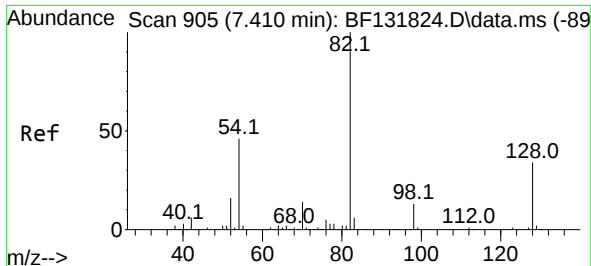
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#22
Acetophenone
Concen: 42.061 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Tgt Ion:105 Resp: 312742
Ion Ratio Lower Upper
105 100
71 8.7 5.4 8.0#
51 40.2 31.9 47.9
120 19.2 15.2 22.8





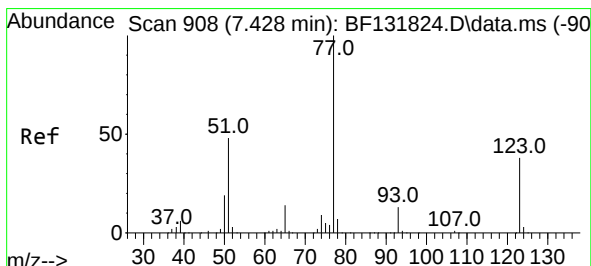
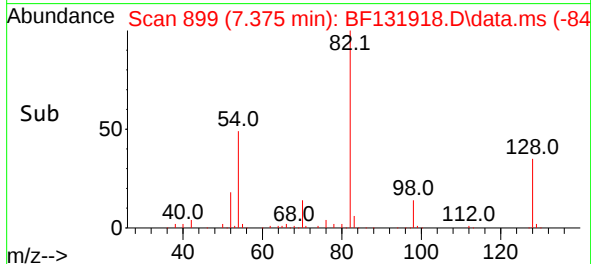
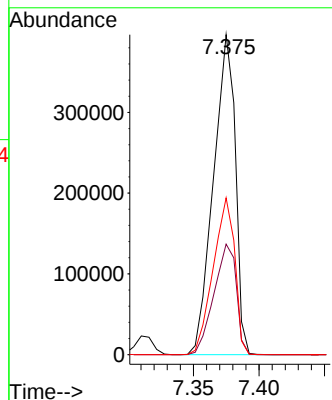
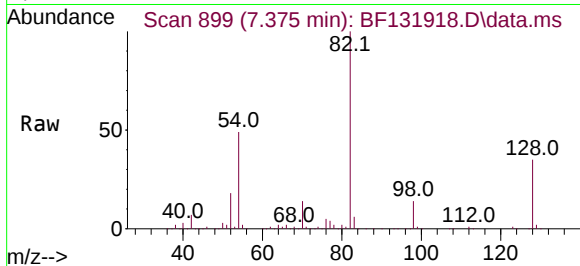
#23
Nitrobenzene-d5
Concen: 72.427 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Tgt Ion: 82 Resp: 460085
Ion Ratio Lower Upper
82 100
128 34.5 27.1 40.7
54 49.0 37.0 55.6

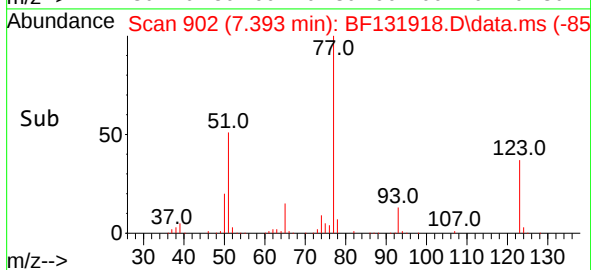
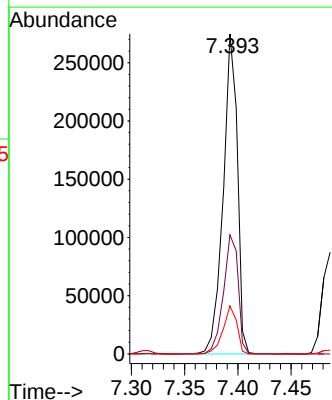
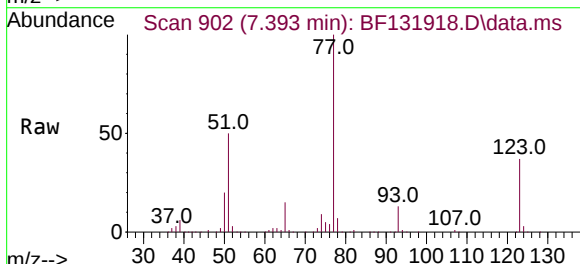
Manual Integrations
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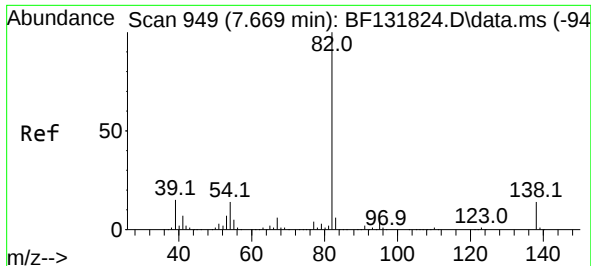
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#24
Nitrobenzene
Concen: 40.118 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 77 Resp: 255400
Ion Ratio Lower Upper
77 100
123 37.2 30.4 45.6
65 15.0 11.1 16.7





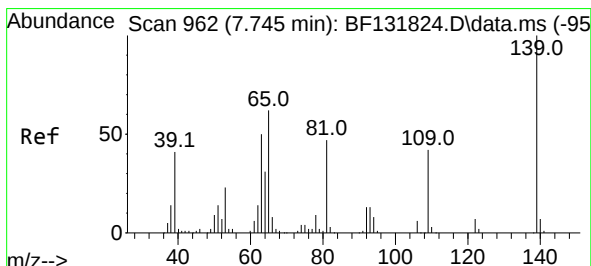
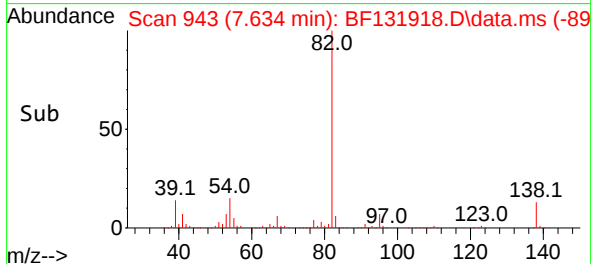
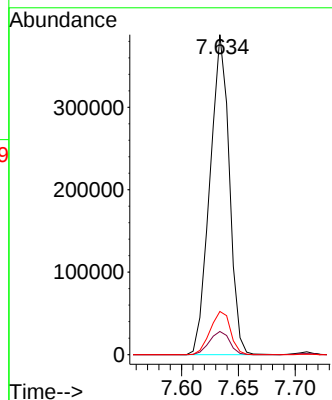
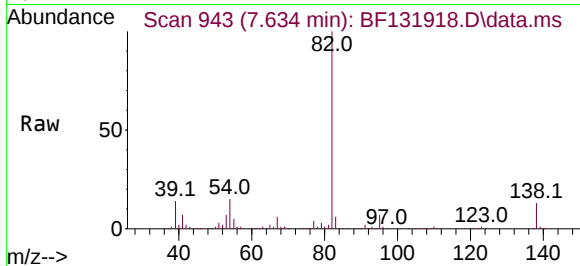
#25
Isophorone
Concen: 44.336 ng
RT: 7.634 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Tgt Ion: 82 Resp: 459942
Ion Ratio Lower Upper
82 100
95 7.2 6.2 9.4
138 13.5 11.5 17.3

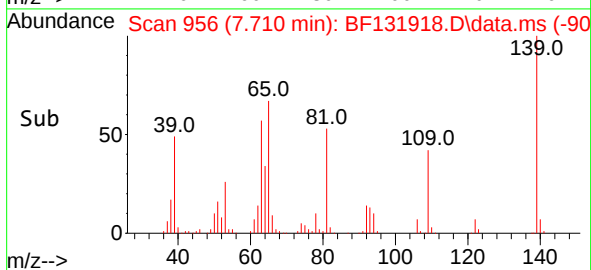
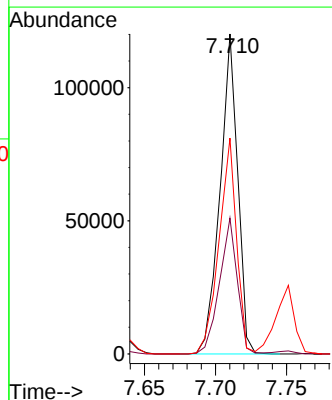
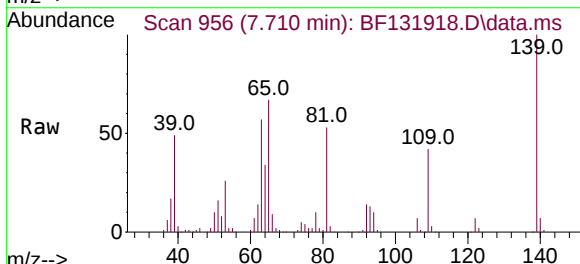
Manual Integrations
APPROVED

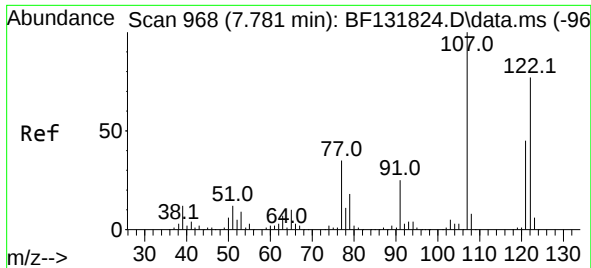
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#26
2-Nitrophenol
Concen: 42.131 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

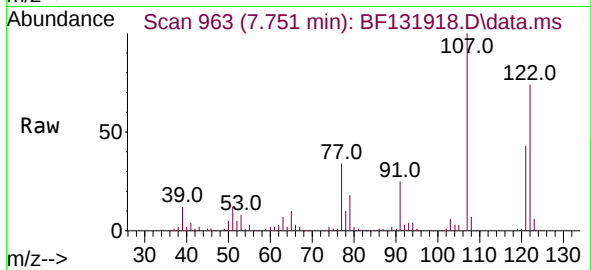
Tgt Ion:139 Resp: 104283
Ion Ratio Lower Upper
139 100
109 42.4 33.7 50.5
65 67.4 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 50.451 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

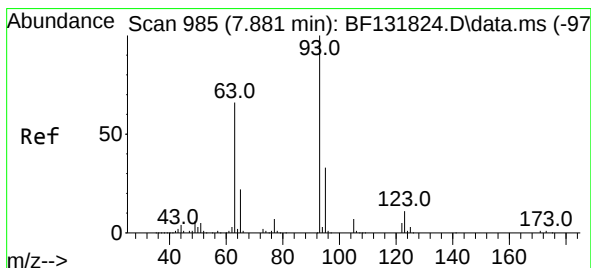
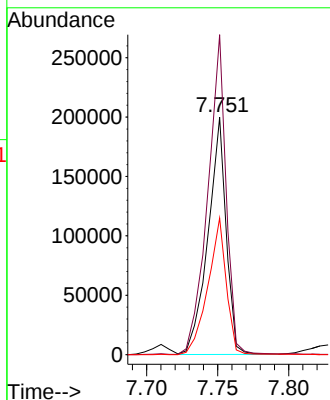
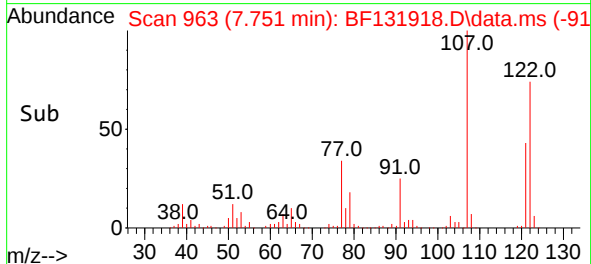
Instrument :
BNA_F
ClientSampleId :
TP-205MS



Tgt Ion:122 Resp: 17812
Ion Ratio Lower Upper
122 100
107 134.8 104.4 156.6
121 57.6 46.8 70.2

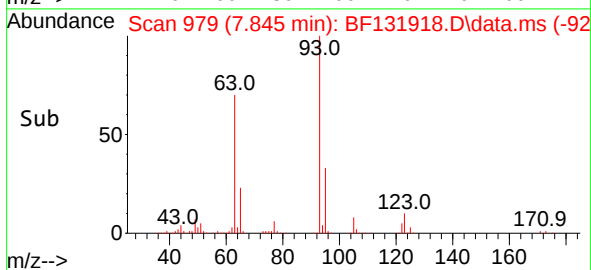
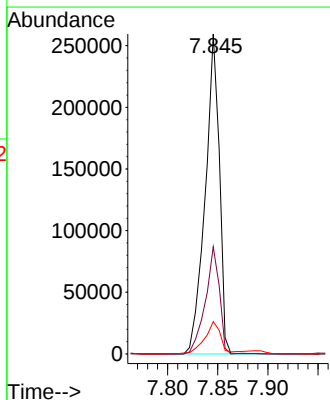
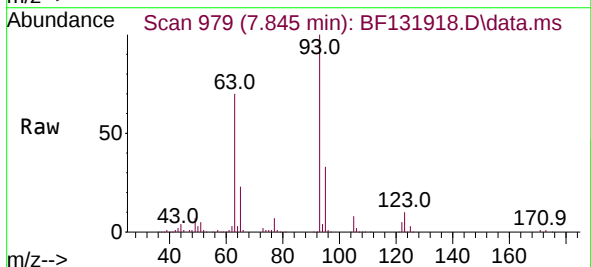
Manual Integrations
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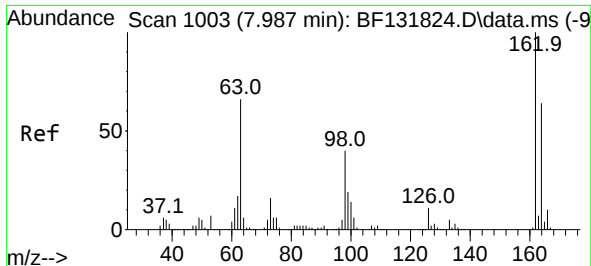
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.575 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 93 Resp: 253642
Ion Ratio Lower Upper
93 100
95 33.5 26.3 39.5
123 10.1 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.975 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

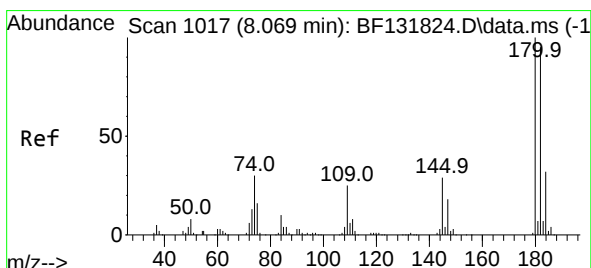
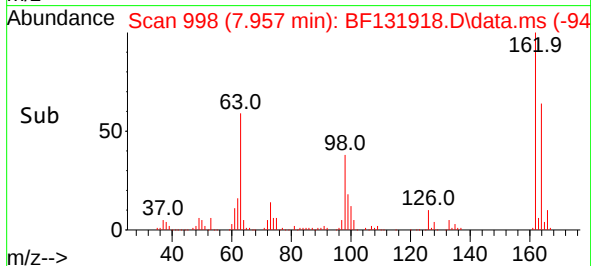
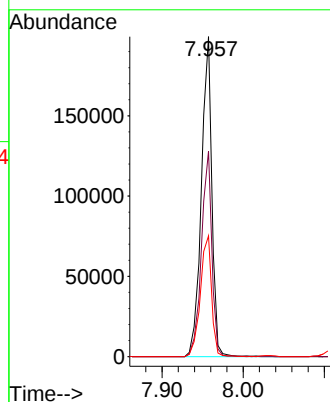
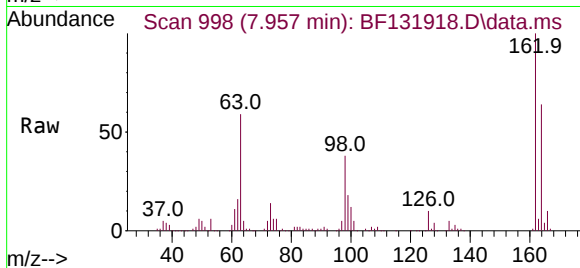
TP-205MS

Tgt Ion:162 Resp: 178553
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.1 84.1
 98 37.7 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023
 Supervised By :Jagrut Upadhyay 01/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.751 ng

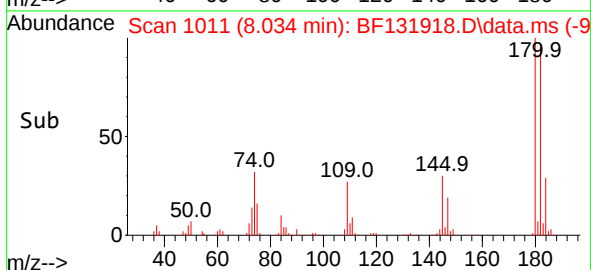
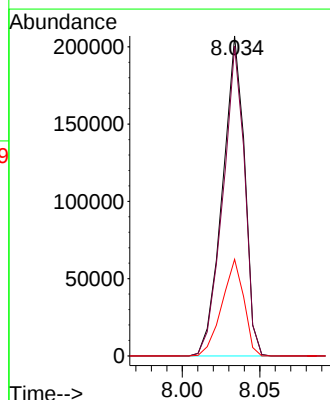
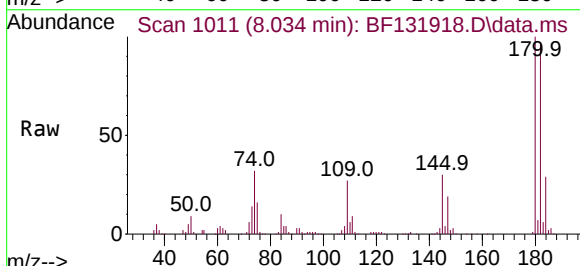
RT: 8.034 min Scan# 1011

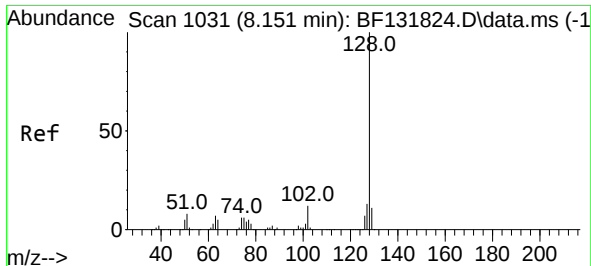
Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

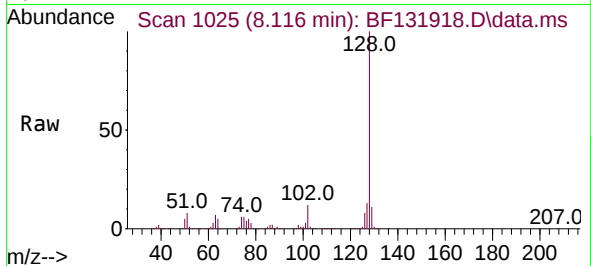
Tgt Ion:180 Resp: 205524
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.2 114.4
 145 30.2 23.3 34.9





#31
Naphthalene
Concen: 40.245 ng
RT: 8.116 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

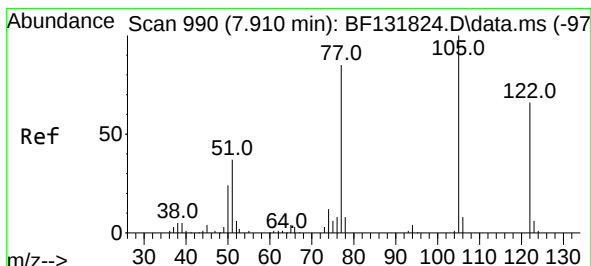
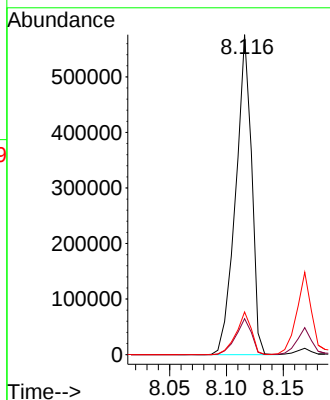
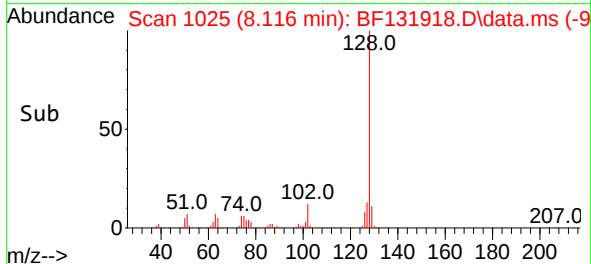
Instrument :
BNA_F
ClientSampleId :
TP-205MS



Tgt Ion:128 Resp: 558989
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.6 15.8

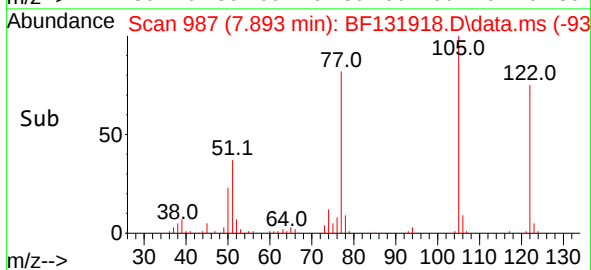
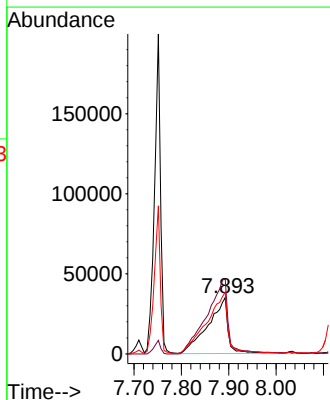
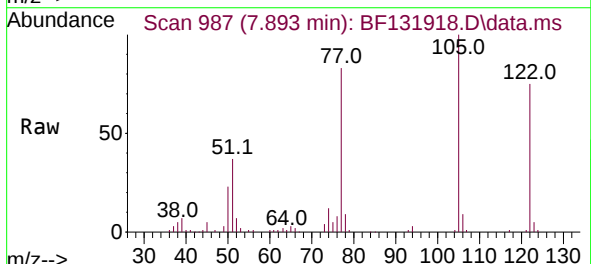
Manual Integrations
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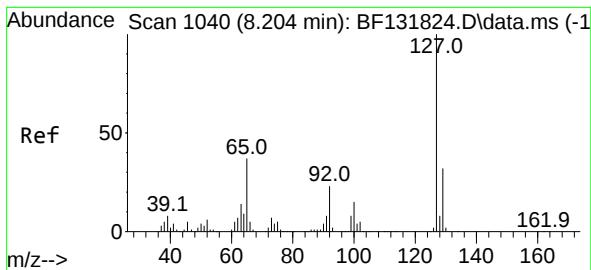
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#32
Benzoic acid
Concen: 39.730 ng
RT: 7.893 min Scan# 987
Delta R.T. 0.012 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Tgt Ion:122 Resp: 102529
Ion Ratio Lower Upper
122 100
105 133.3 127.9 167.9
77 110.1 106.9 146.9





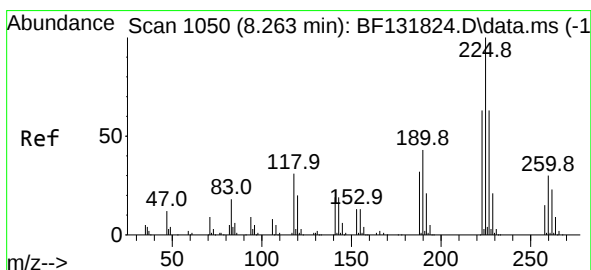
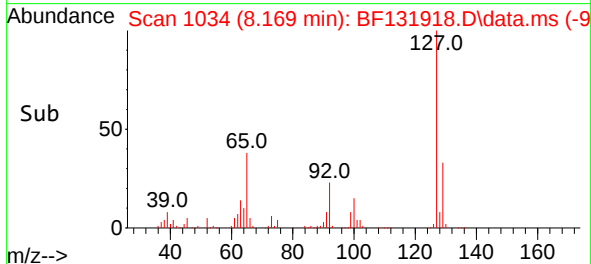
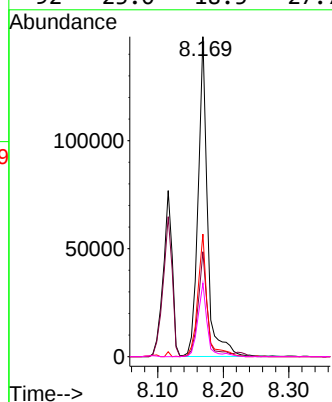
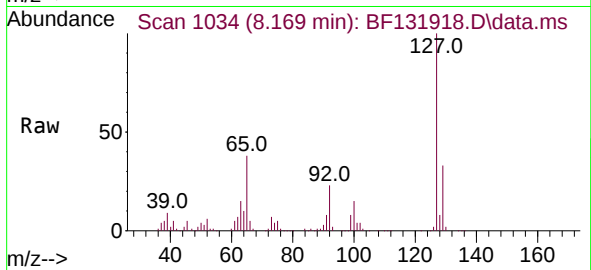
#33
4-Chloroaniline
Concen: 27.702 ng
RT: 8.169 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Tgt Ion:	127	Resp:	147635
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.8	38.8
65	38.3	29.7	44.5
92	23.0	18.5	27.7

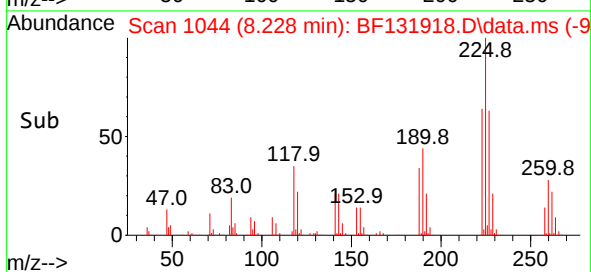
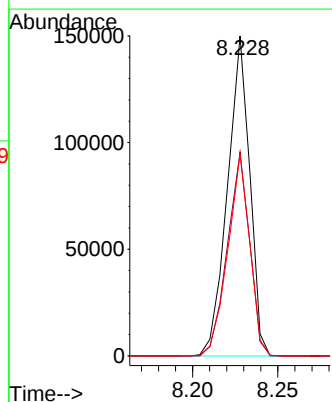
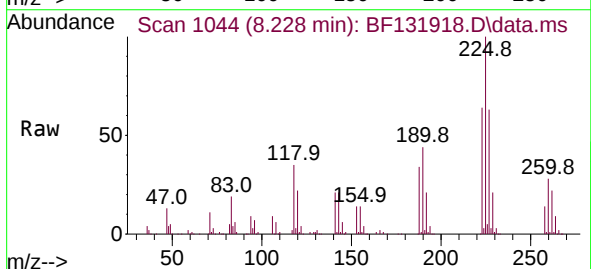
Manual Integrations
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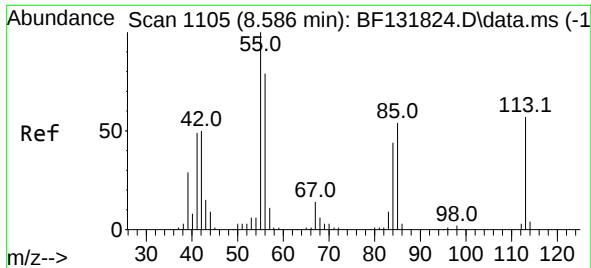
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#34
Hexachlorobutadiene
Concen: 39.435 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

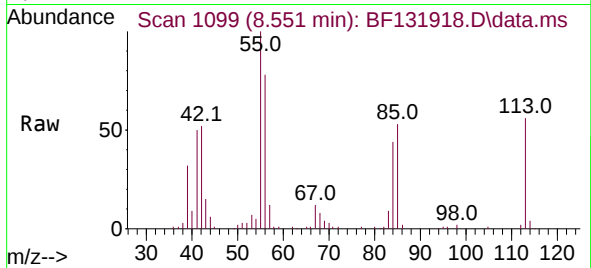
Tgt Ion:	225	Resp:	136069
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.0	75.0
227	63.1	50.8	76.2





#35
 Caprolactam
 Concen: 42.537 ng m
 RT: 8.551 min Scan# 1099
 Delta R.T. 0.000 min
 Lab File: BF131918.D
 Acq: 05 Jan 2023 16:51

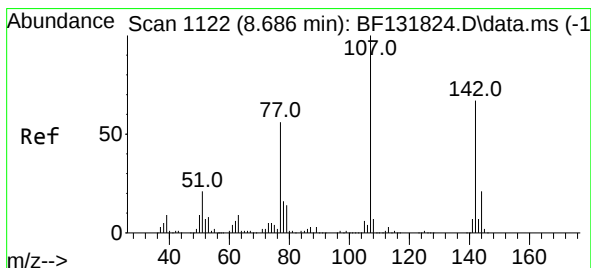
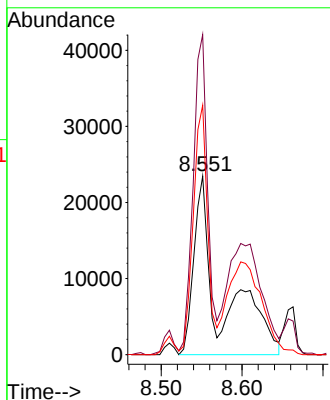
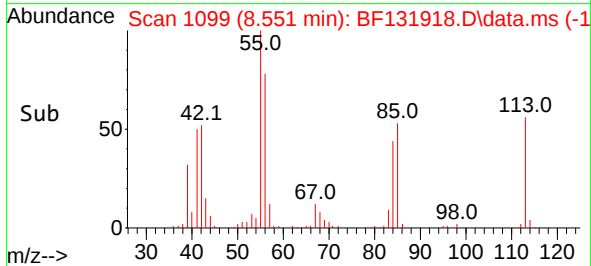
Instrument :
 BNA_F
 ClientSampleId :
 TP-205MS



Tgt Ion:113 Resp: 53572
 Ion Ratio Lower Upper
 113 100
 55 179.3 153.3 193.3
 56 139.7 116.3 156.3

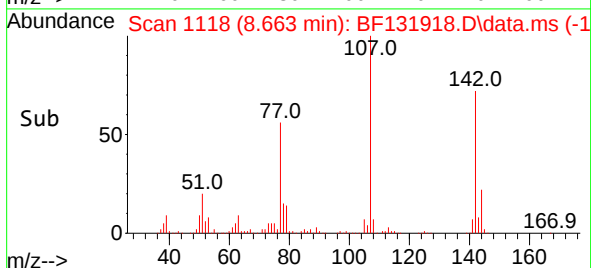
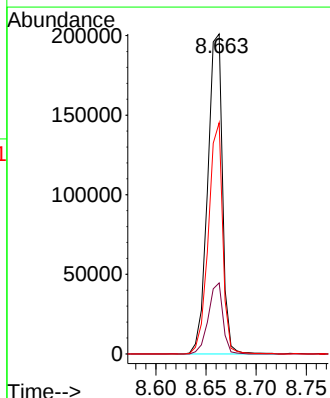
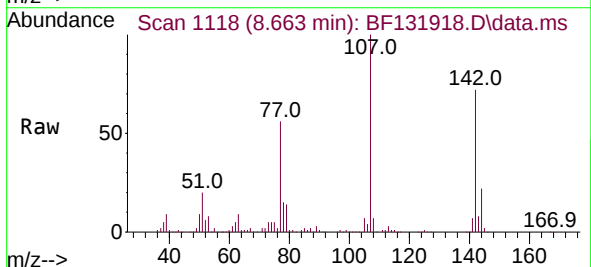
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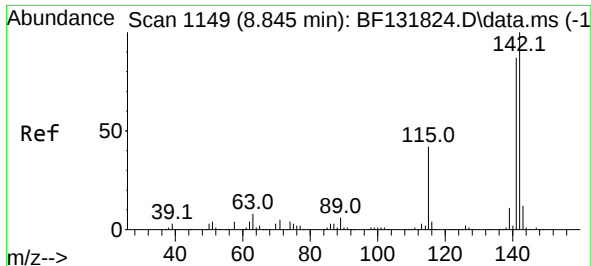
Reviewed By :Christian Giraldo 01/06/2023
 Supervised By :Jagrut Upadhyay 01/06/2023



#36
 4-Chloro-3-methylphenol
 Concen: 42.827 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.006 min
 Lab File: BF131918.D
 Acq: 05 Jan 2023 16:51

Tgt Ion:107 Resp: 205892
 Ion Ratio Lower Upper
 107 100
 144 22.2 16.8 25.2
 142 72.2 53.8 80.8





#37

2-Methylnaphthalene

Concen: 40.624 ng

RT: 8.810 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

TP-205MS

Tgt Ion:142 Resp: 378695

Ion Ratio Lower Upper

142 100

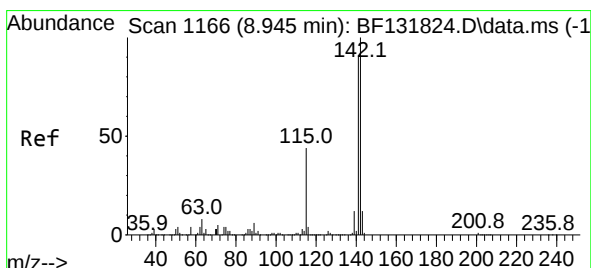
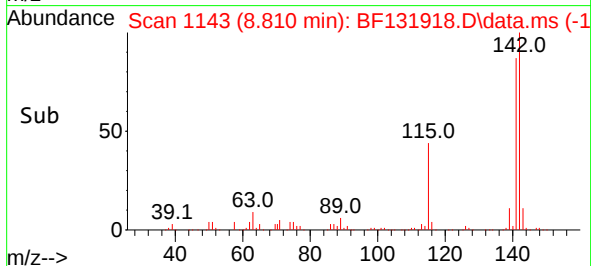
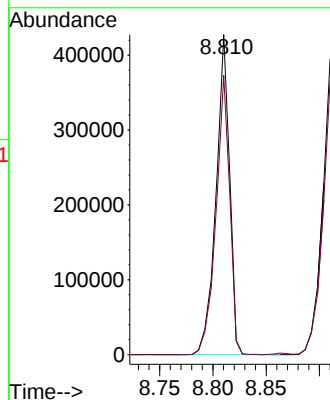
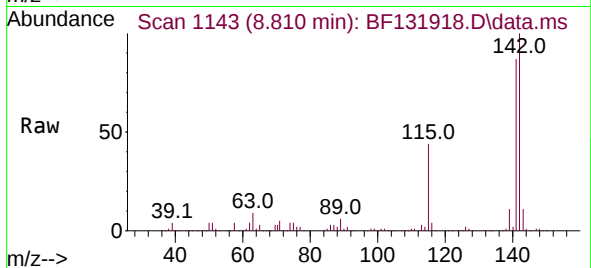
141 87.3 69.8 104.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#38

1-Methylnaphthalene

Concen: 38.470 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF131918.D

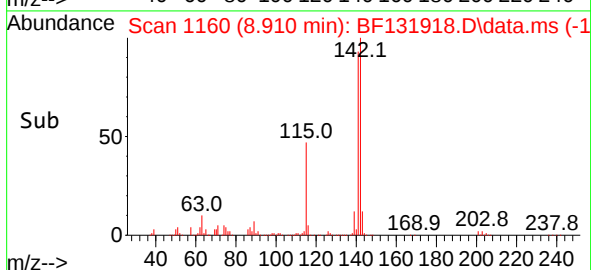
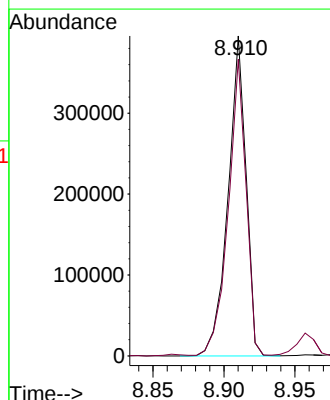
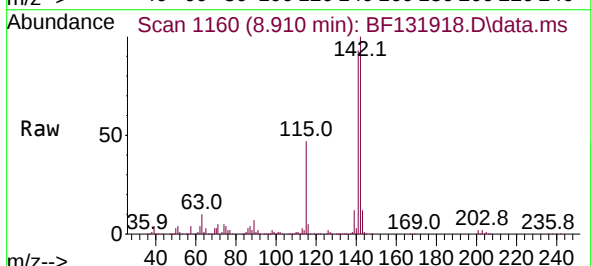
Acq: 05 Jan 2023 16:51

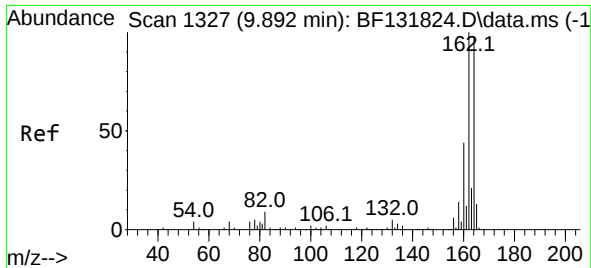
Tgt Ion:142 Resp: 348343

Ion Ratio Lower Upper

142 100

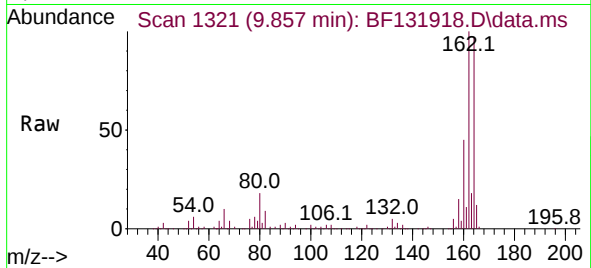
141 92.7 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

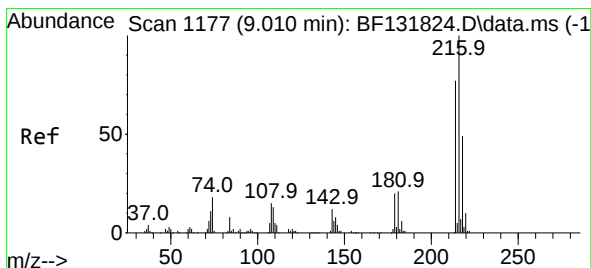
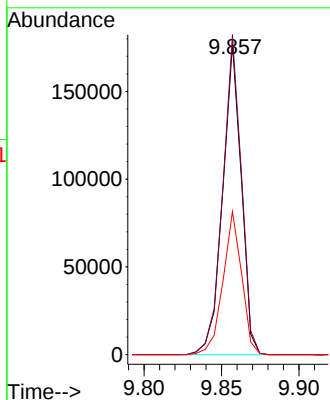
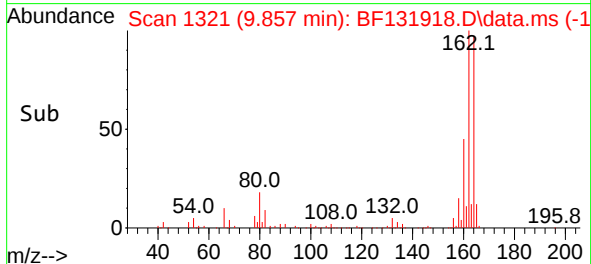
Instrument :
BNA_F
ClientSampleId :
TP-205MS



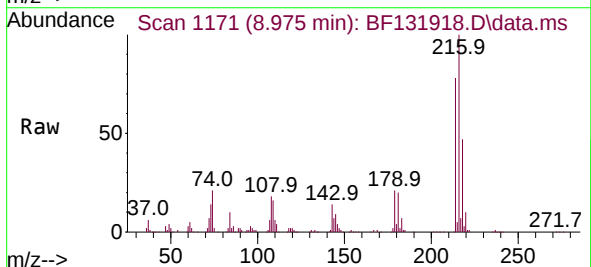
Tgt Ion:164 Resp: 147766
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 46.1 35.7 53.5

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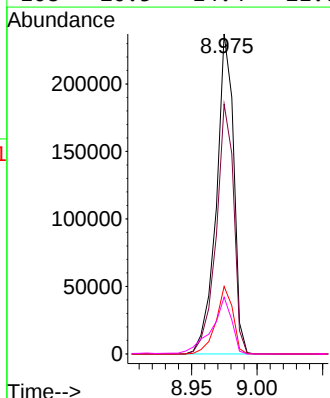
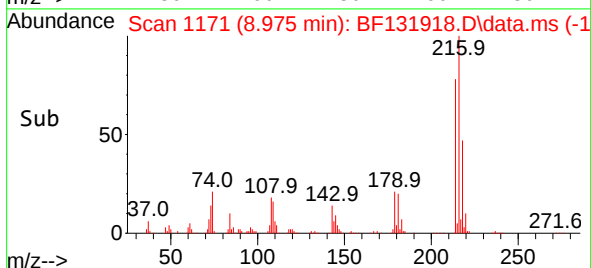
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

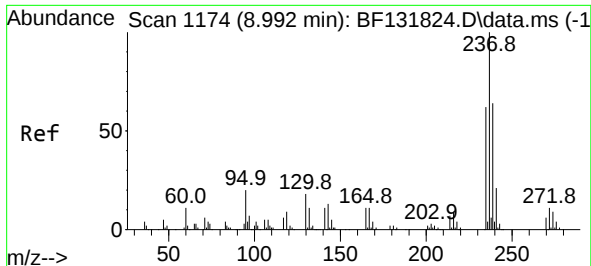


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.090 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



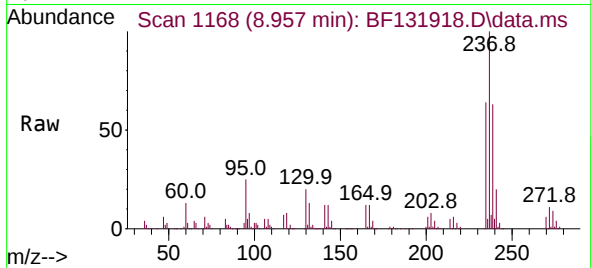
Tgt Ion:216 Resp: 218379
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.5 16.4 24.6
108 20.5 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 95.176 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

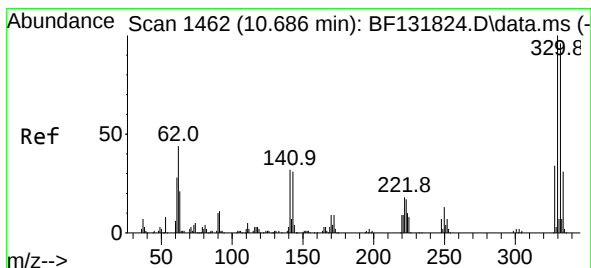
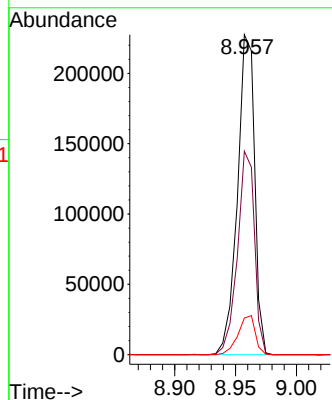
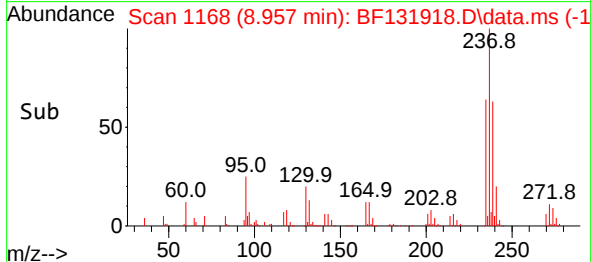
Instrument :
BNA_F
ClientSampleId :
TP-205MS



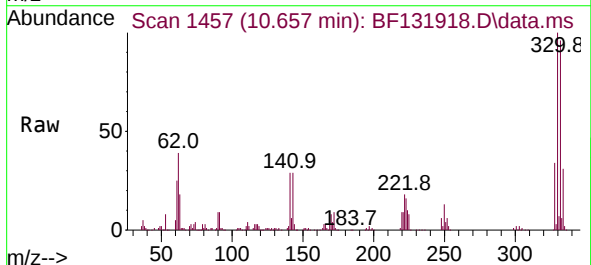
Tgt Ion:237 Resp: 223816
Ion Ratio Lower Upper
237 100
235 63.6 42.3 82.3
272 11.4 0.0 31.4

Manual Integrations
APPROVED

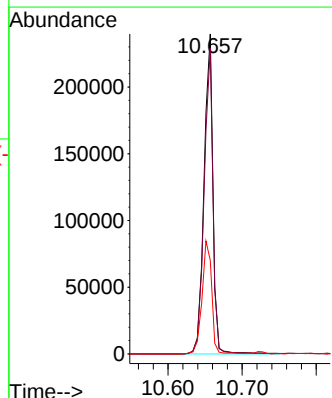
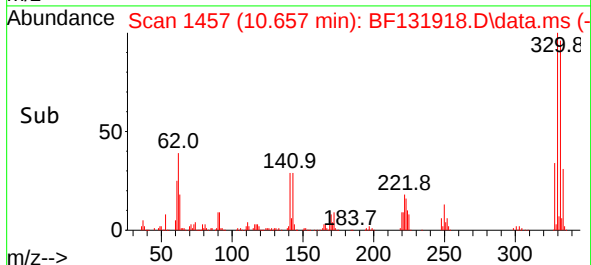
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

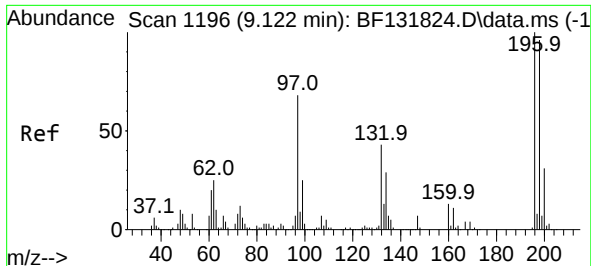


#42
2,4,6-Tribromophenol
Concen: 124.480 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



Tgt Ion:330 Resp: 199851
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.4
141 38.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 40.872 ng

RT: 9.092 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

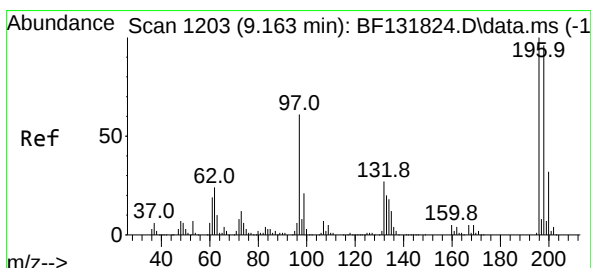
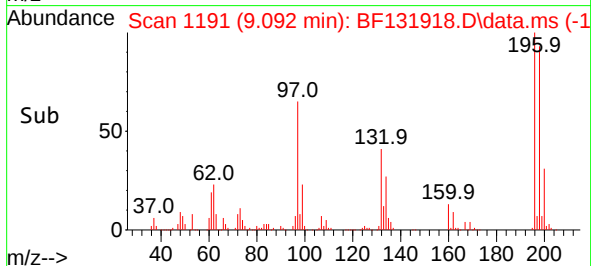
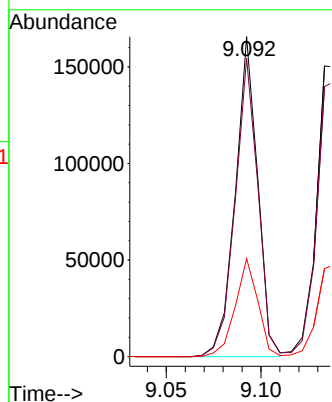
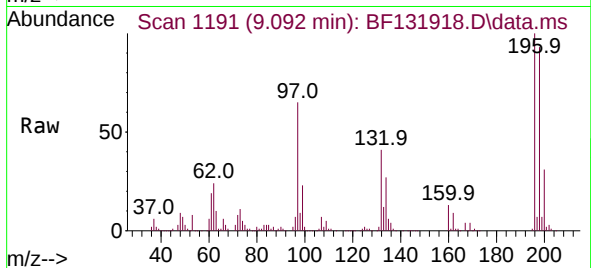
TP-205MS

Tgt Ion:196	Resp:	135820
Ion Ratio	Lower	Upper
196	100	
198	93.3	76.5 114.7
200	30.6	24.5 36.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#44

2,4,5-Trichlorophenol

Concen: 40.503 ng

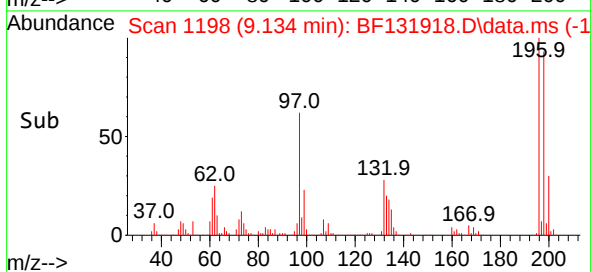
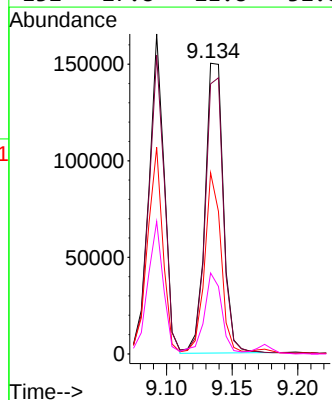
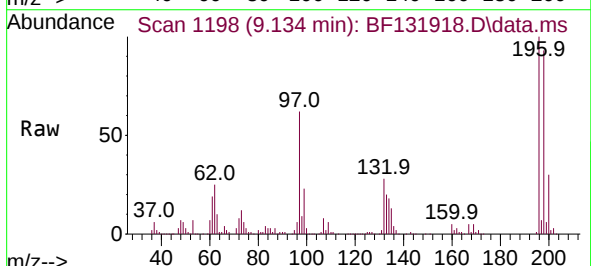
RT: 9.134 min Scan# 1198

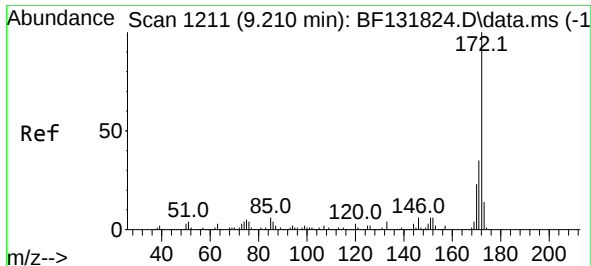
Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

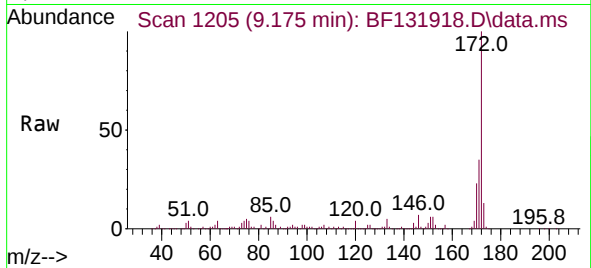
Tgt Ion:196	Resp:	145491
Ion Ratio	Lower	Upper
196	100	
198	92.9	76.6 115.0
97	62.3	49.3 73.9
132	27.8	21.8 32.8





#45
2-Fluorobiphenyl
Concen: 73.192 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

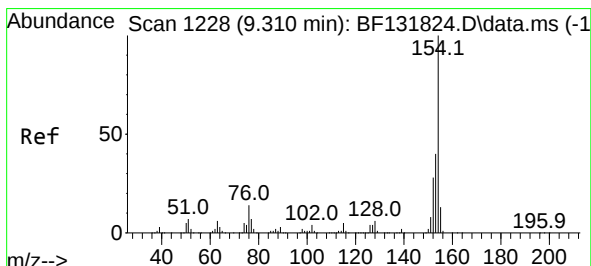
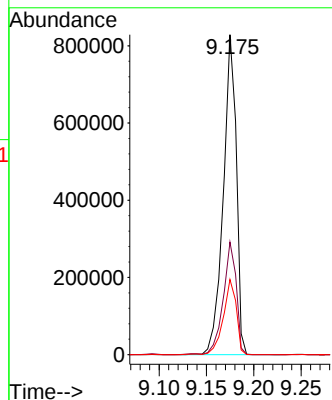
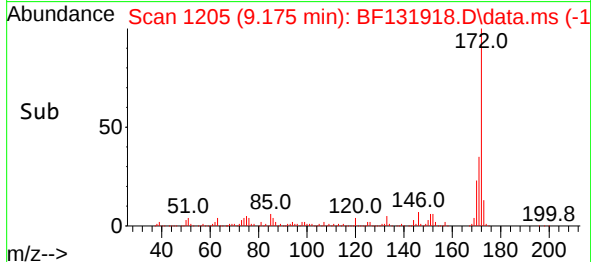
Instrument :
BNA_F
ClientSampleId :
TP-205MS



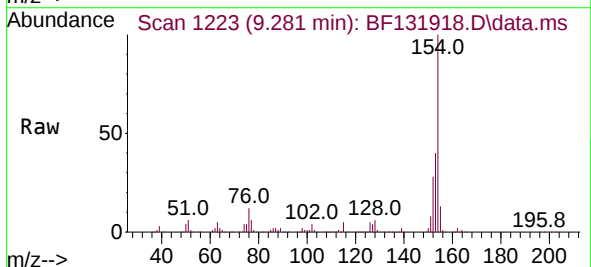
Tgt Ion:172 Resp: 789588
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.5 18.7 28.1

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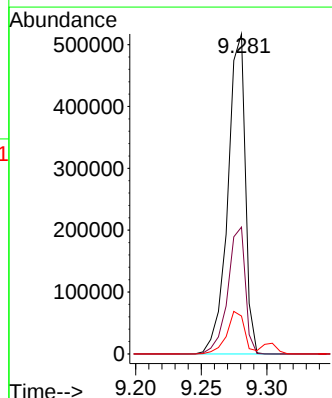
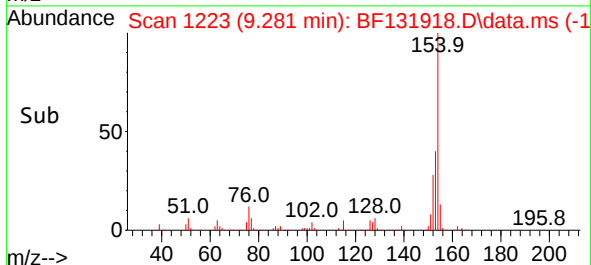
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

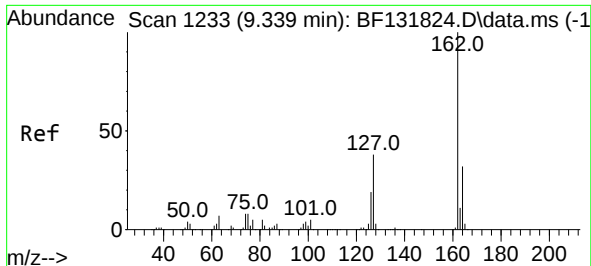


#46
1,1'-Biphenyl
Concen: 42.544 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



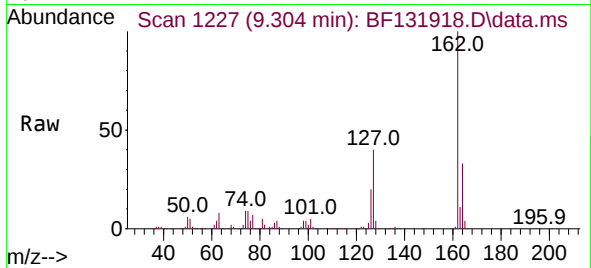
Tgt Ion:154 Resp: 481298
Ion Ratio Lower Upper
154 100
153 39.6 19.8 59.8
76 11.9 0.0 33.9





#47
2-Chloronaphthalene
Concen: 41.003 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

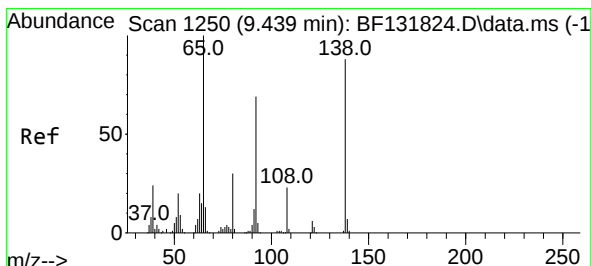
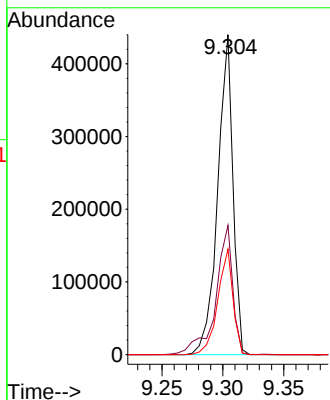
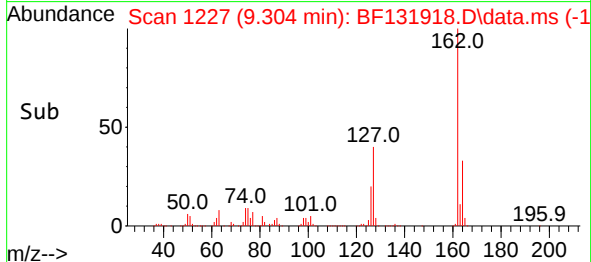
Instrument :
BNA_F
ClientSampleId :
TP-205MS



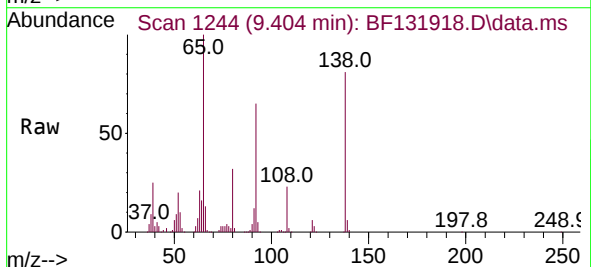
Tgt Ion:162 Resp: 383760
Ion Ratio Lower Upper
162 100
127 40.4 31.0 46.6
164 33.0 25.9 38.9

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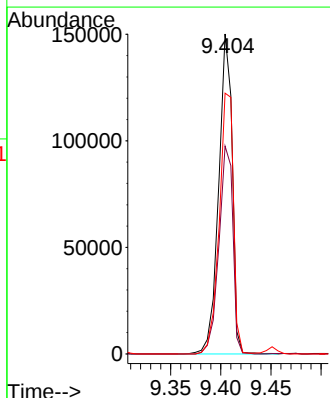
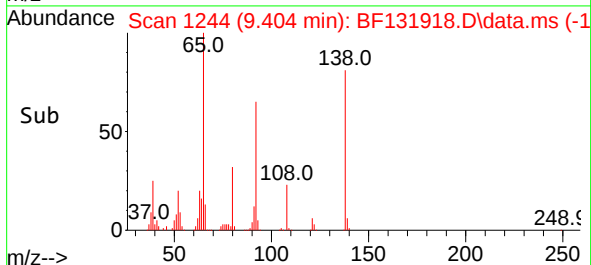
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

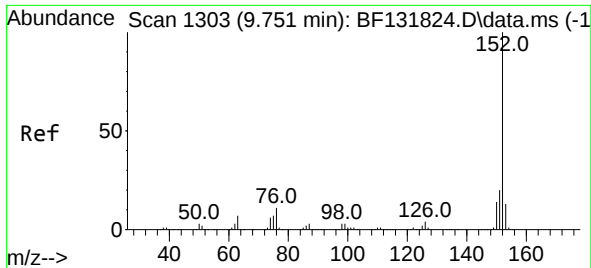


#48
2-Nitroaniline
Concen: 41.356 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



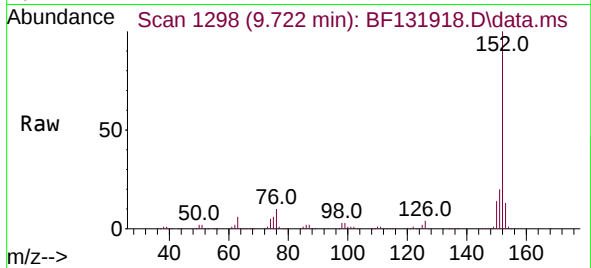
Tgt Ion: 65 Resp: 141875
Ion Ratio Lower Upper
65 100
92 64.9 55.0 82.6
138 81.5 70.4 105.6





#49
Acenaphthylene
Concen: 41.656 ng
RT: 9.722 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

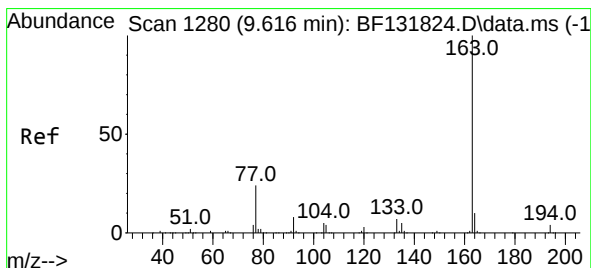
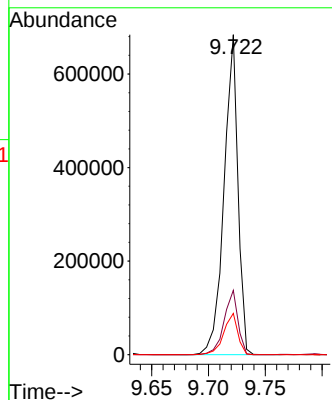
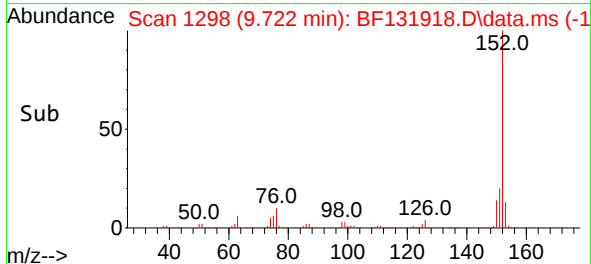
Instrument :
BNA_F
ClientSampleId :
TP-205MS



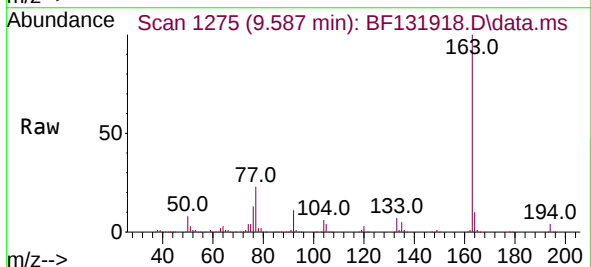
Tgt Ion:152 Resp: 580540
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 12.9 10.2 15.4

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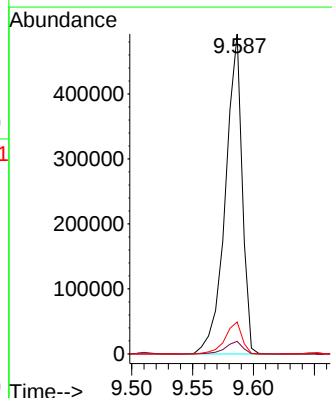
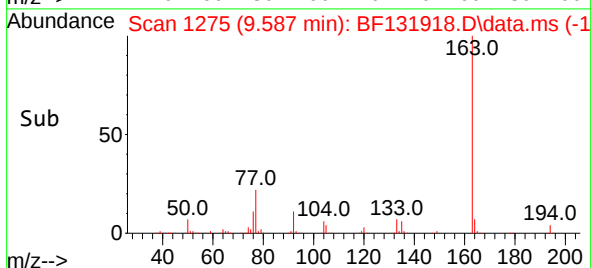
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

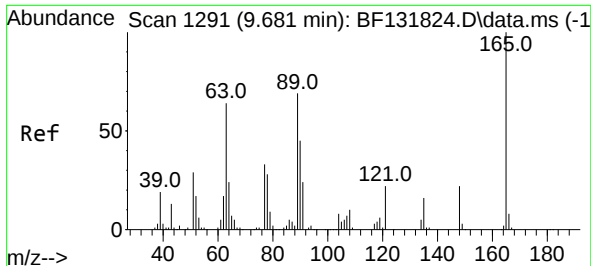


#50
Dimethylphthalate
Concen: 41.877 ng
RT: 9.587 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



Tgt Ion:163 Resp: 468138
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 42.185 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

TP-205MS

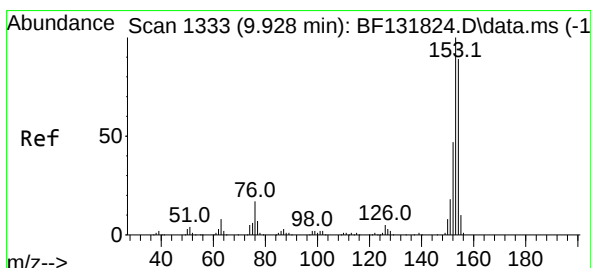
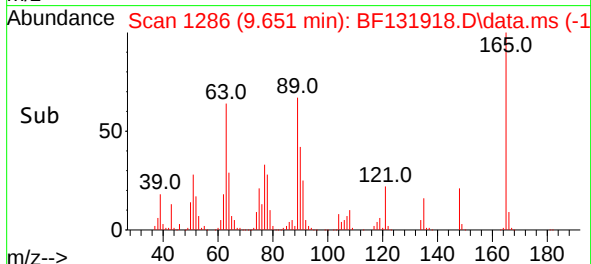
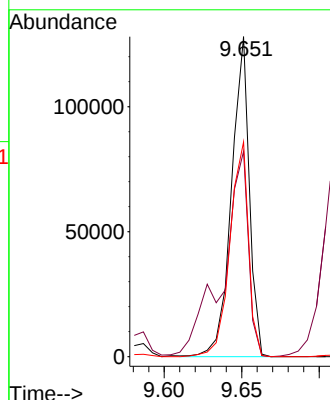
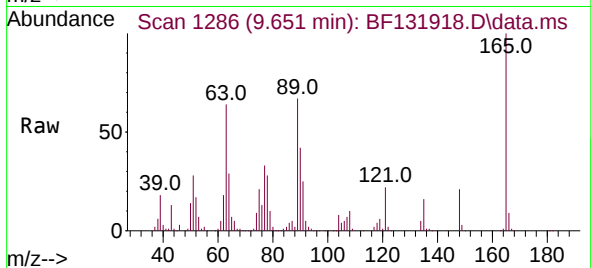
Tgt Ion:165 Resp: 102086

Ion	Ratio	Lower	Upper
165	100		
63	64.1	55.1	82.7
89	67.1	55.0	82.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#52

Acenaphthene

Concen: 40.650 ng

RT: 9.892 min Scan# 1327

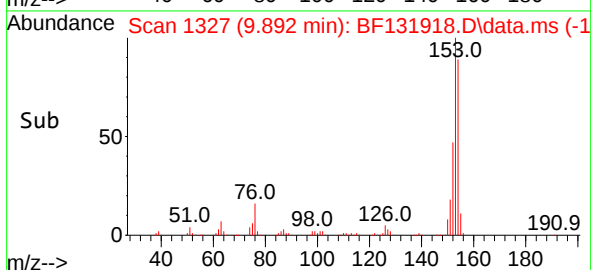
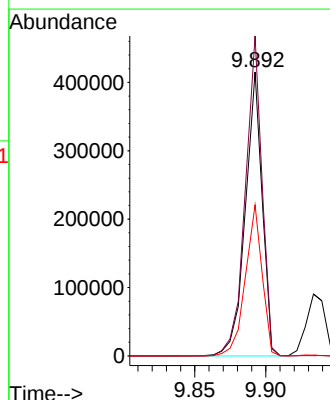
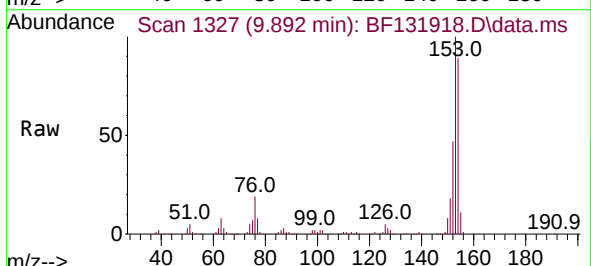
Delta R.T. 0.000 min

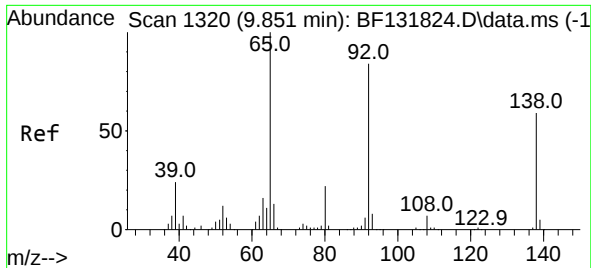
Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Tgt Ion:154 Resp: 341908

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.2	135.2
152	53.2	42.5	63.7





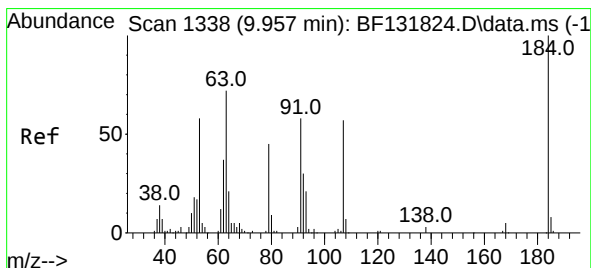
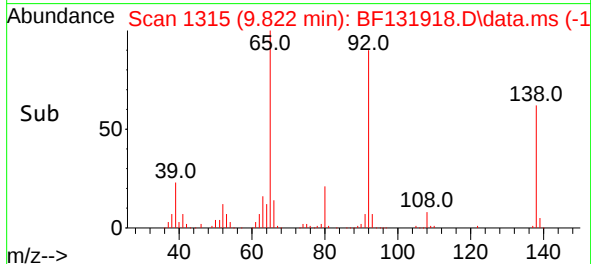
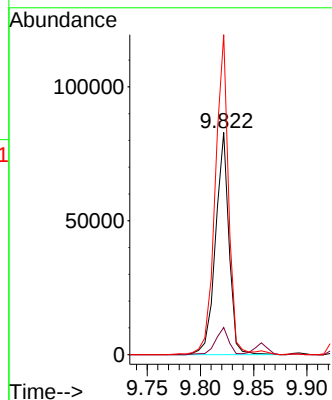
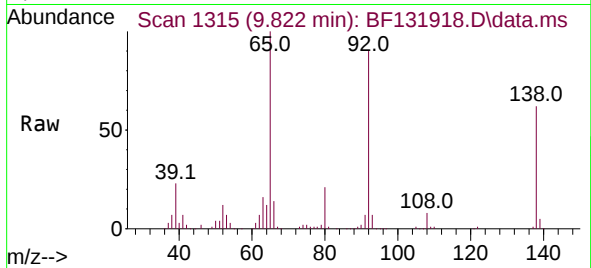
#53
3-Nitroaniline
Concen: 29.539 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Tgt Ion:138 Resp: 7283
Ion Ratio Lower Upper
138 100
108 12.2 9.3 13.9
92 144.1 113.9 170.9

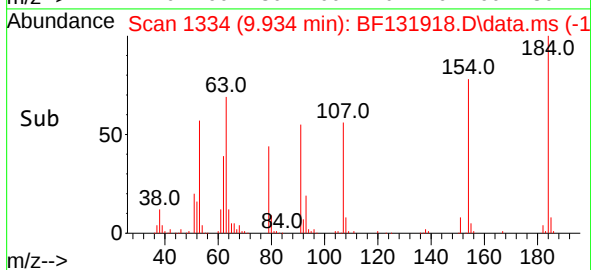
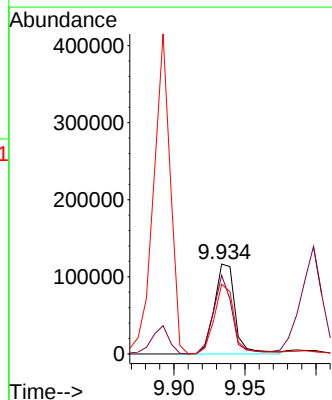
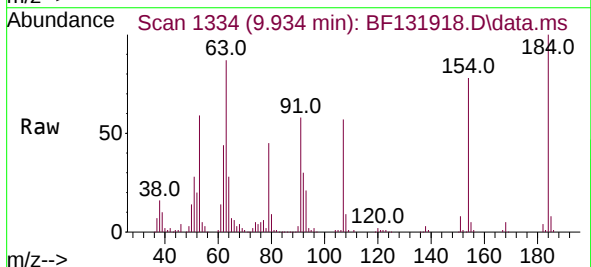
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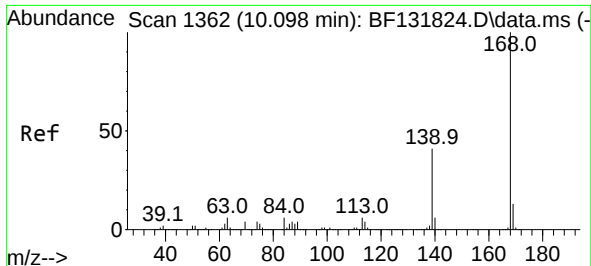
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#54
2,4-Dinitrophenol
Concen: 85.399 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

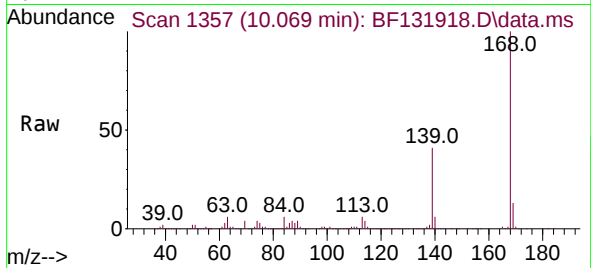
Tgt Ion:184 Resp: 118930
Ion Ratio Lower Upper
184 100
63 87.5 66.8 100.2
154 77.6 61.6 92.4





#55
Dibenzenofuran
Concen: 41.447 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

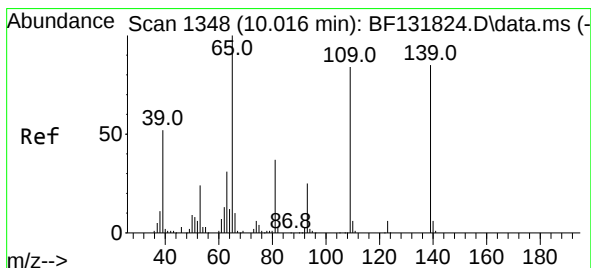
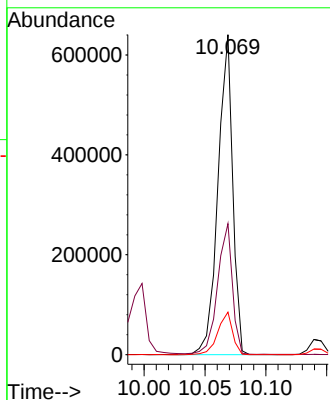
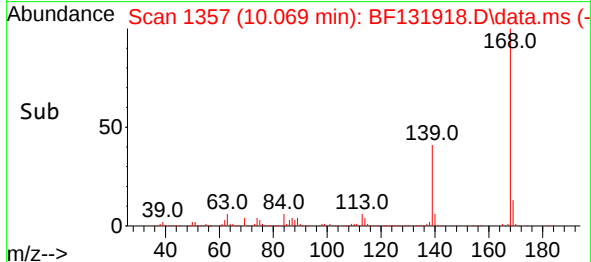
Instrument :
BNA_F
ClientSampleId :
TP-205MS



Tgt Ion:168 Resp: 537107
Ion Ratio Lower Upper
168 100
139 40.9 32.6 49.0
169 13.3 10.5 15.7

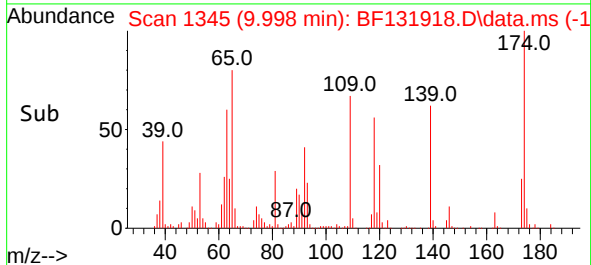
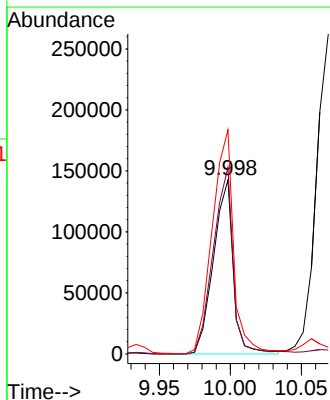
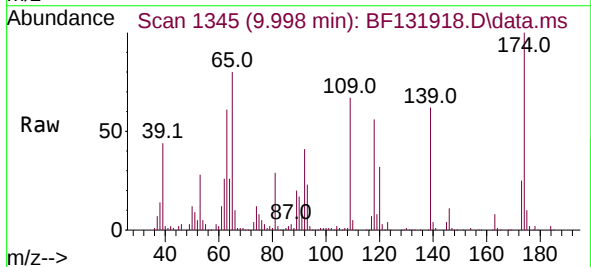
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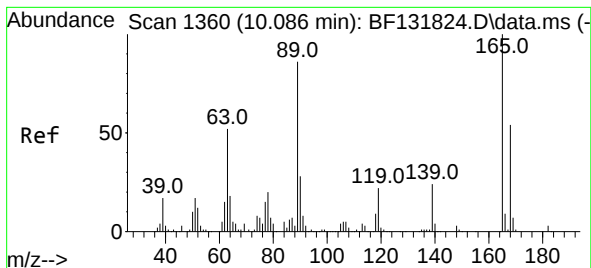
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#56
4-Nitrophenol
Concen: 80.073 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

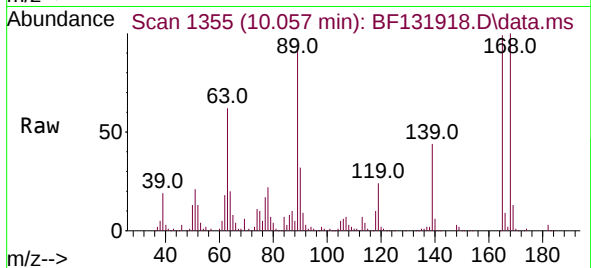
Tgt Ion:139 Resp: 138313
Ion Ratio Lower Upper
139 100
109 107.2 78.5 118.5
65 128.8 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 42.460 ng
RT: 10.057 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

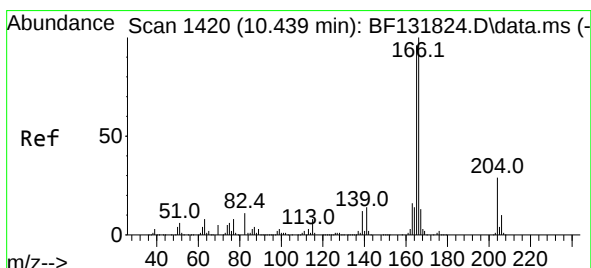
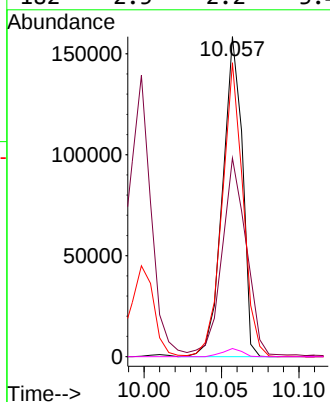
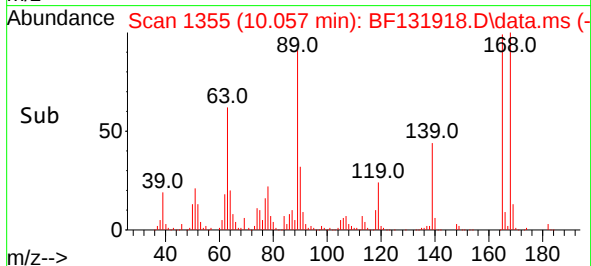
Instrument :
BNA_F
ClientSampleId :
TP-205MS



Tgt Ion:165 Resp: 140523
Ion Ratio Lower Upper
165 100
63 62.0 42.1 63.1
89 91.8 69.1 103.7
182 2.5 2.2 3.4

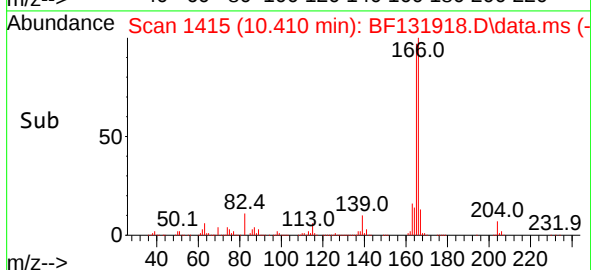
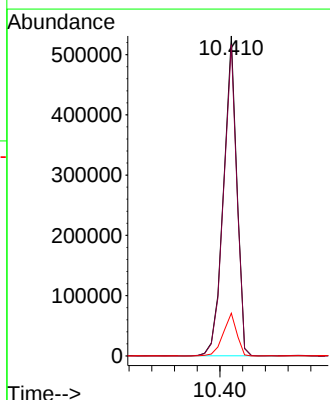
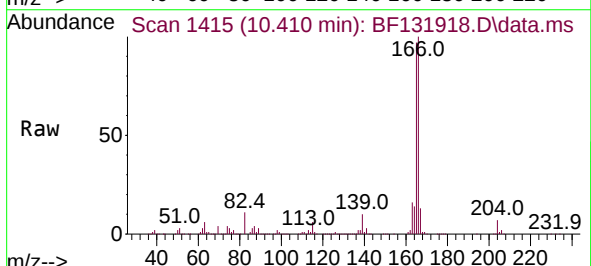
Manual Integrations
APPROVED

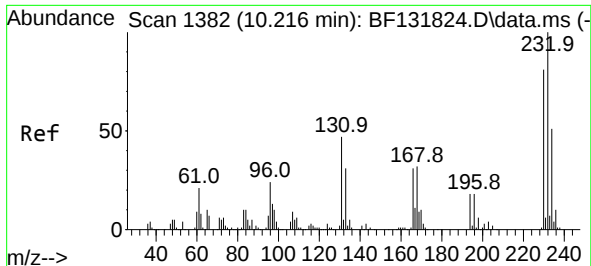
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#58
Fluorene
Concen: 40.733 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

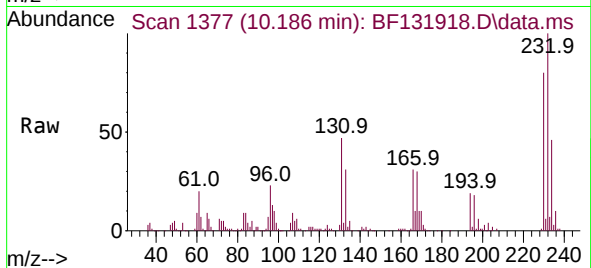
Tgt Ion:166 Resp: 430924
Ion Ratio Lower Upper
166 100
165 97.2 77.0 115.4
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.204 ng m
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

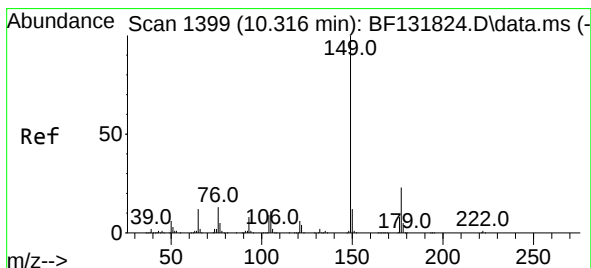
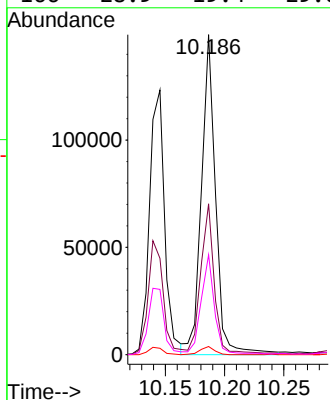
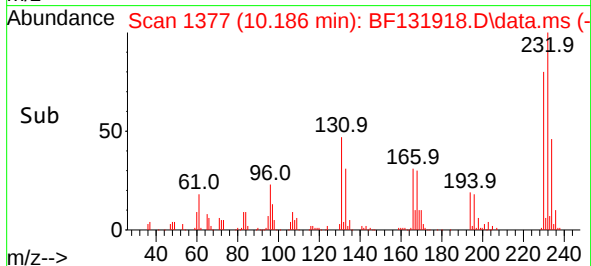
Instrument :
BNA_F
ClientSampleId :
TP-205MS



Tgt Ion:232 Resp: 124408
Ion Ratio Lower Upper
232 100
131 45.0 30.1 45.1
130 2.5 1.8 2.6
166 28.9 19.4 29.0

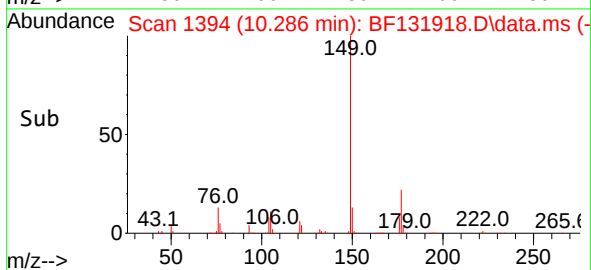
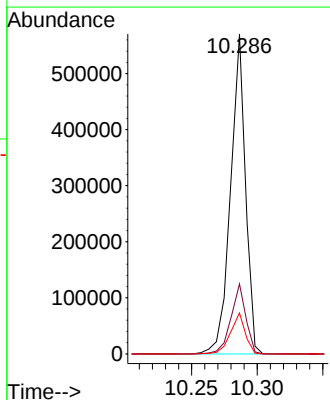
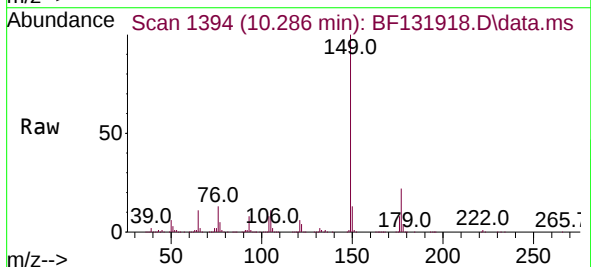
Manual Integrations
APPROVED

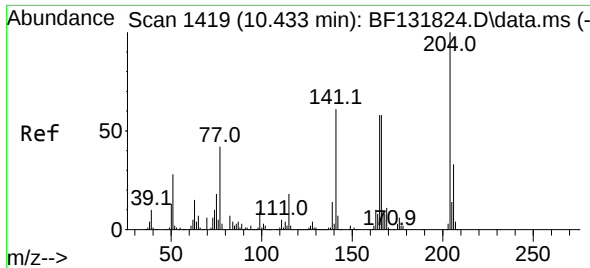
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#60
Diethylphthalate
Concen: 42.128 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

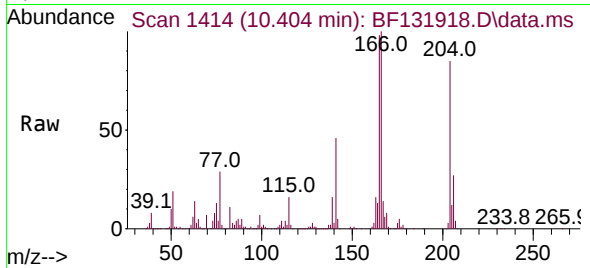
Tgt Ion:149 Resp: 453266
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 12.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.787 ng
RT: 10.404 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

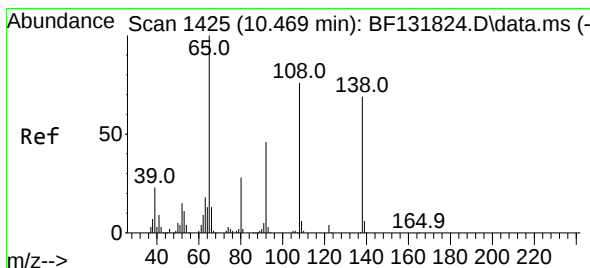
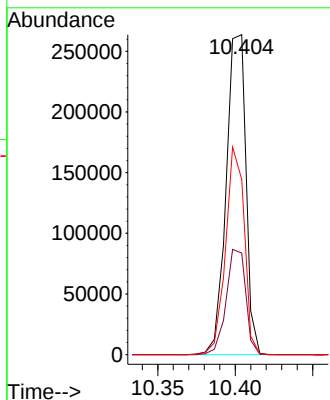
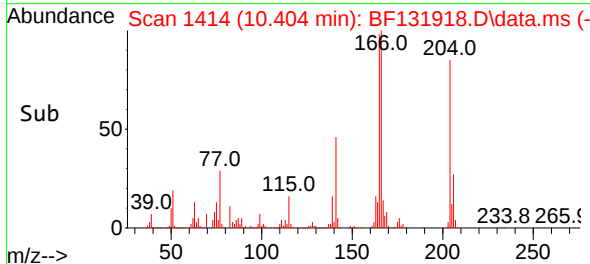
Instrument :
BNA_F
ClientSampleId :
TP-205MS



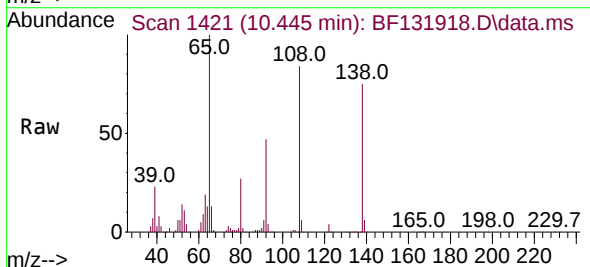
Tgt Ion:204 Resp: 235311
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 54.8 49.0 73.4

Manual Integrations
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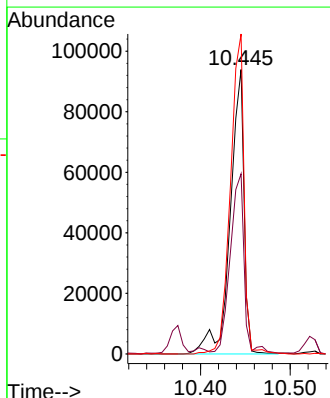
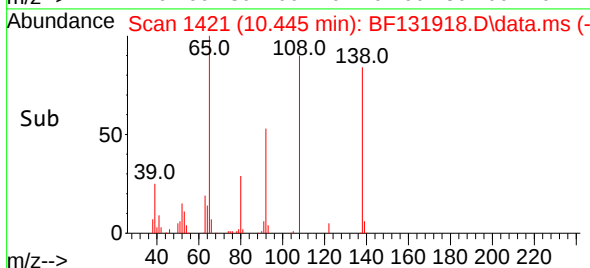
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

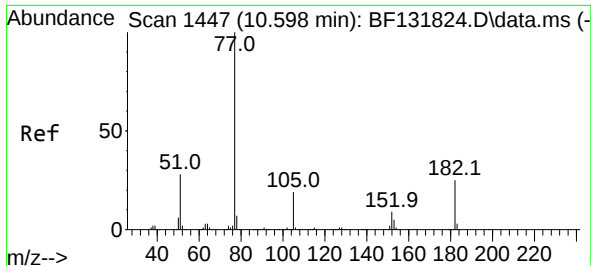


#62
4-Nitroaniline
Concen: 39.032 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



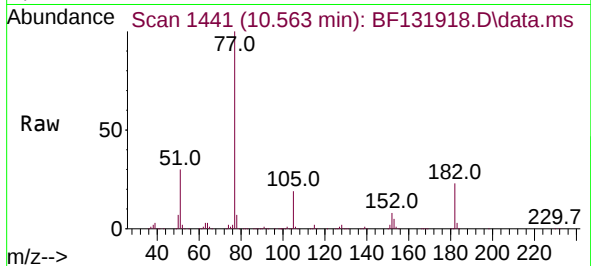
Tgt Ion:138 Resp: 100303
Ion Ratio Lower Upper
138 100
92 63.3 47.2 87.2
108 112.5 89.2 129.2





#63
Azobenzene
Concen: 50.109 ng
RT: 10.563 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

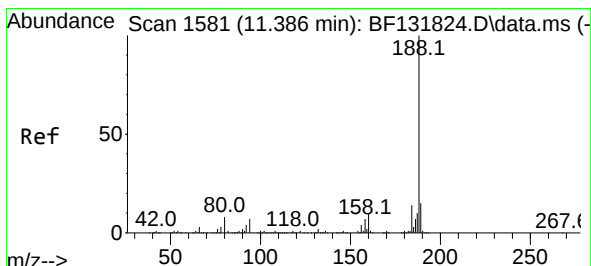
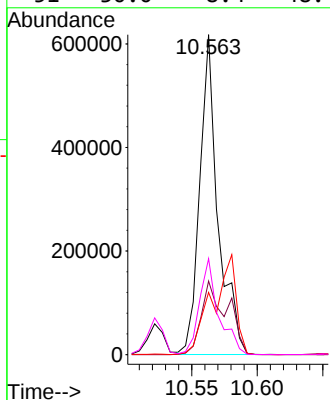
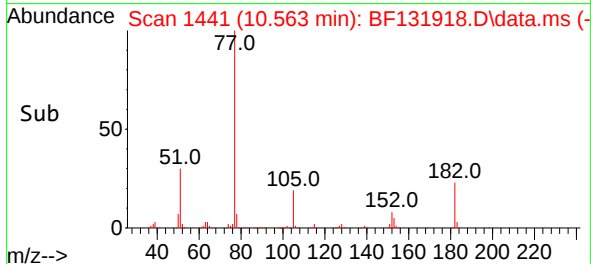
Instrument :
BNA_F
ClientSampleId :
TP-205MS



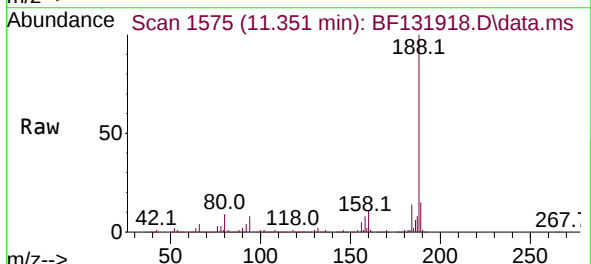
Tgt Ion: 77 Resp: 598340
Ion Ratio Lower Upper
77 100
182 23.0 5.0 45.0
105 19.4 0.0 39.4
51 30.0 8.4 48.4

Manual Integrations
APPROVED

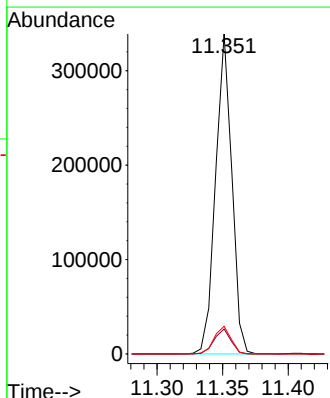
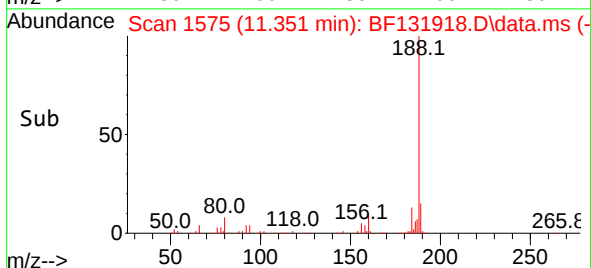
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

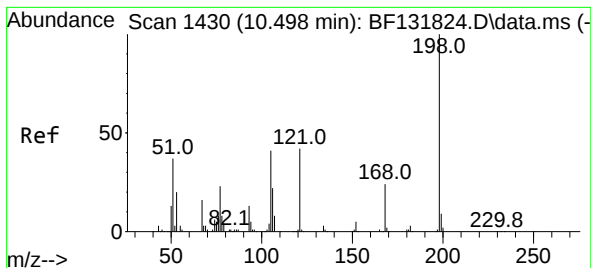


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



Tgt Ion:188 Resp: 292935
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 8.6 6.7 10.1





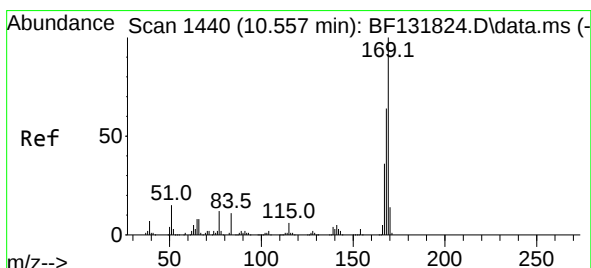
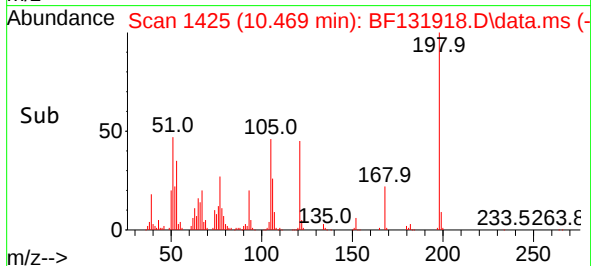
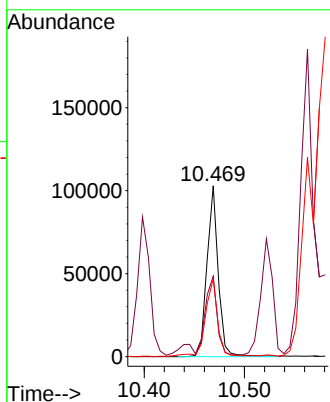
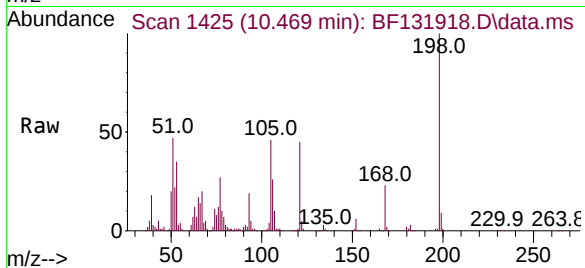
#65
4,6-Dinitro-2-methylphenol
Concen: 40.033 ng
RT: 10.469 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Tgt Ion:198 Resp: 79844
Ion Ratio Lower Upper
198 100
51 47.1 21.6 61.6
105 45.7 22.0 62.0

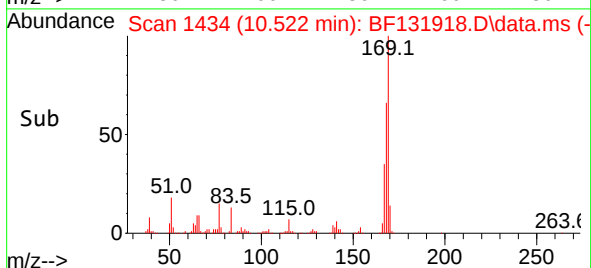
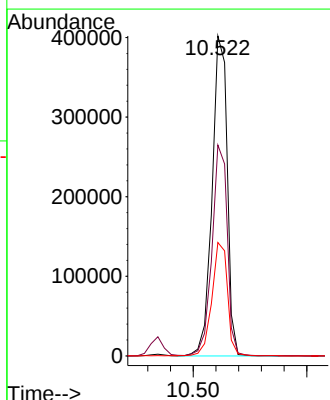
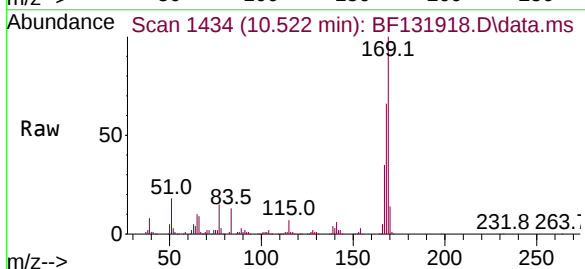
Manual Integrations
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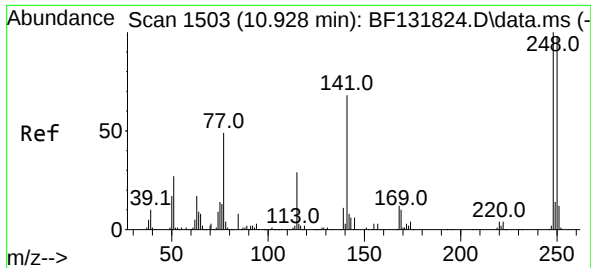
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#66
n-Nitrosodiphenylamine
Concen: 41.606 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

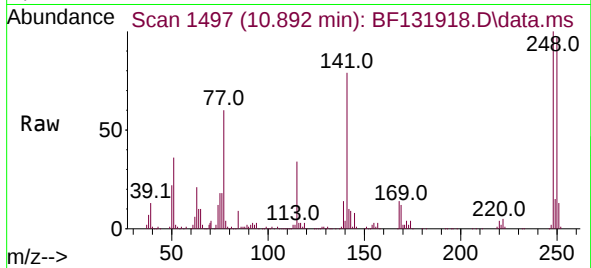
Tgt Ion:169 Resp: 371782
Ion Ratio Lower Upper
169 100
168 65.9 51.5 77.3
167 35.4 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 41.854 ng
RT: 10.892 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

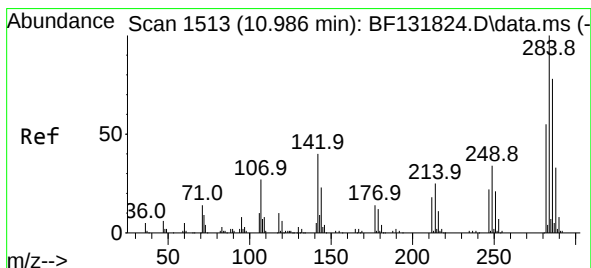
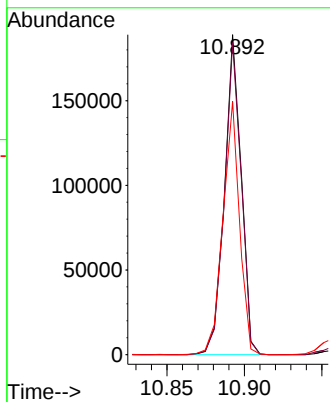
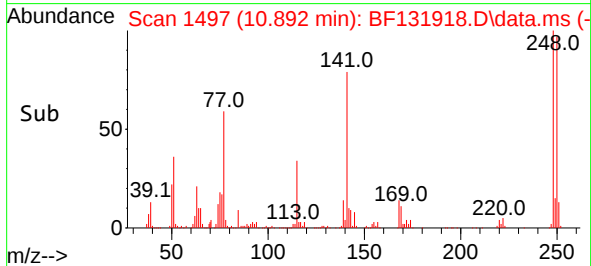
Instrument :
BNA_F
ClientSampleId :
TP-205MS



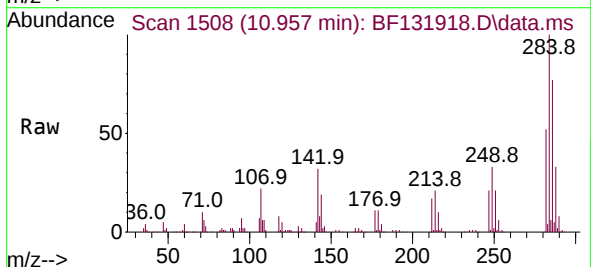
Tgt Ion:248 Resp: 142100
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 79.1 54.8 82.2

Manual Integrations
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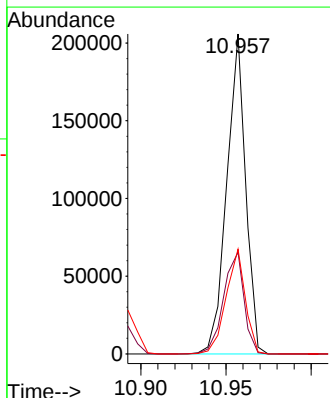
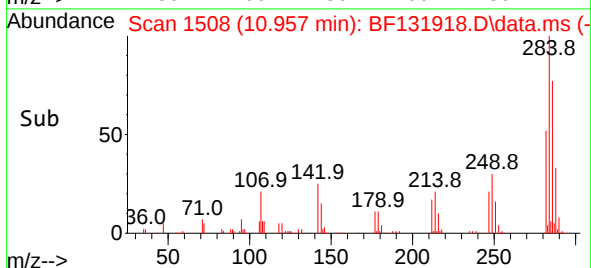
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

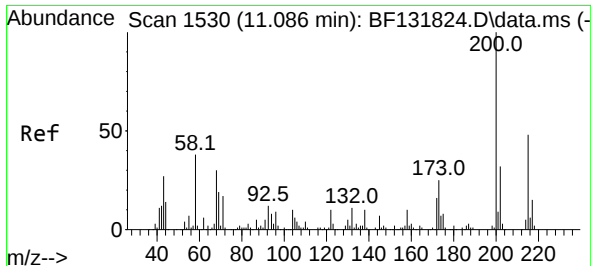


#68
Hexachlorobenzene
Concen: 42.495 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



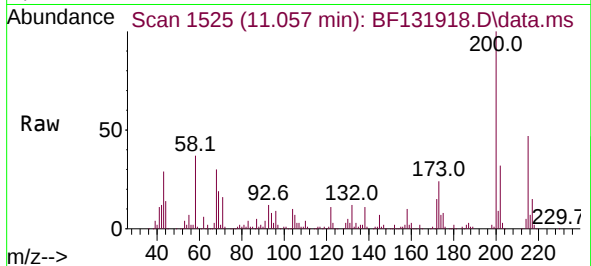
Tgt Ion:284 Resp: 158491
Ion Ratio Lower Upper
284 100
142 31.8 31.6 47.4
249 32.7 26.9 40.3





#69
 Atrazine
 Concen: 45.141 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: BF131918.D
 Acq: 05 Jan 2023 16:51

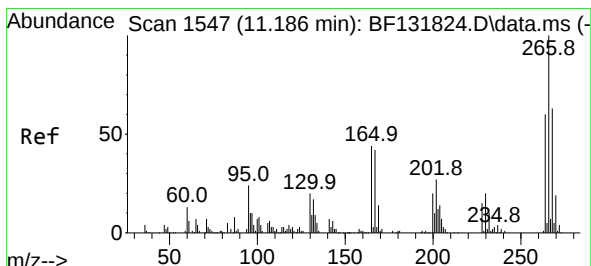
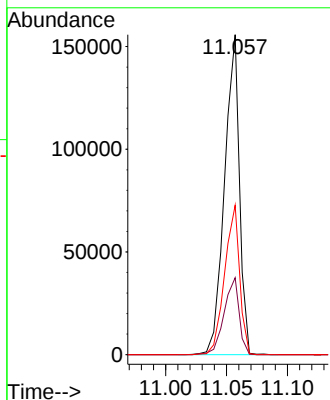
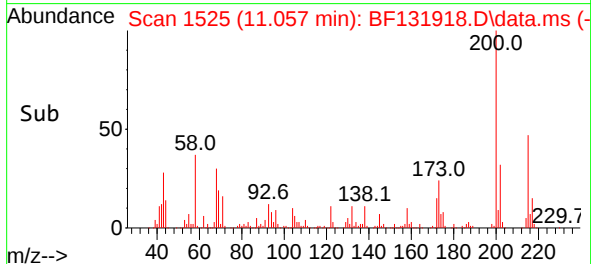
Instrument :
 BNA_F
 ClientSampleId :
 TP-205MS



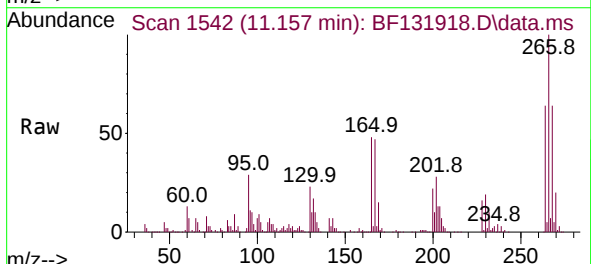
Tgt Ion:200 Resp: 132795
 Ion Ratio Lower Upper
 200 100
 173 24.0 4.5 44.5
 215 46.7 28.5 68.5

Manual Integrations
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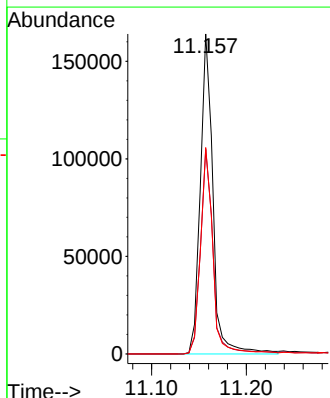
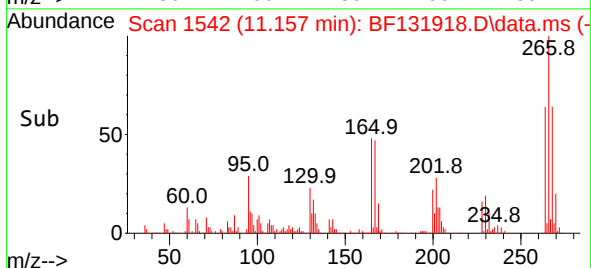
Reviewed By :Christian Giraldo 01/06/2023
 Supervised By :Jagrut Upadhyay 01/06/2023

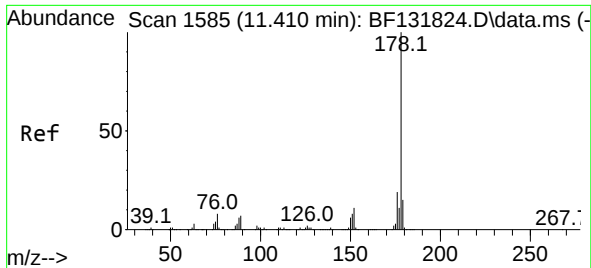


#70
 Pentachlorophenol
 Concen: 82.015 ng
 RT: 11.157 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: BF131918.D
 Acq: 05 Jan 2023 16:51



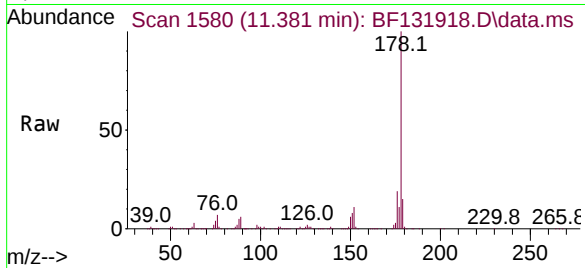
Tgt Ion:266 Resp: 151360
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.5 75.7
 264 64.5 48.3 72.5





#71
Phenanthrene
Concen: 39.674 ng
RT: 11.381 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

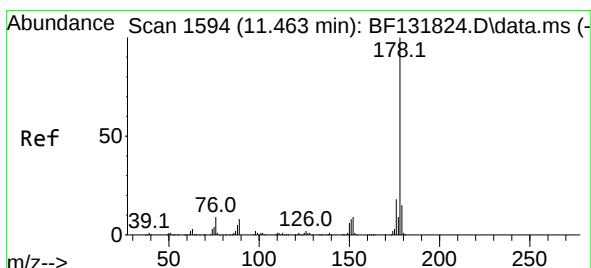
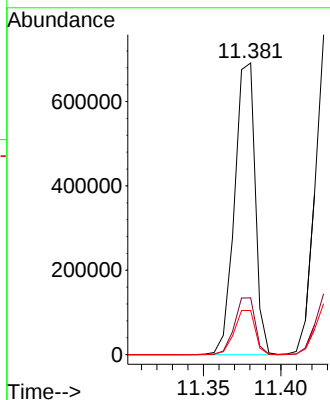
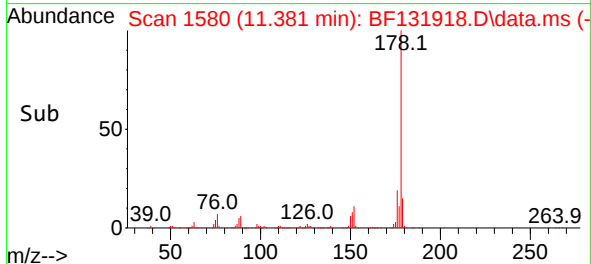
Instrument :
BNA_F
ClientSampleId :
TP-205MS



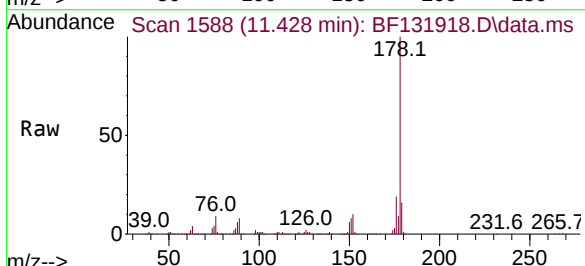
Tgt Ion:178 Resp: 639106
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.1 12.2 18.4

Manual Integrations
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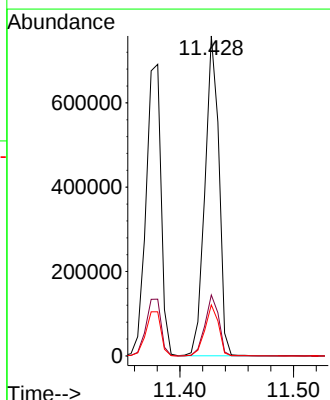
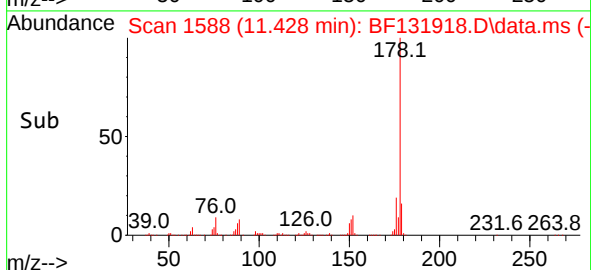
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

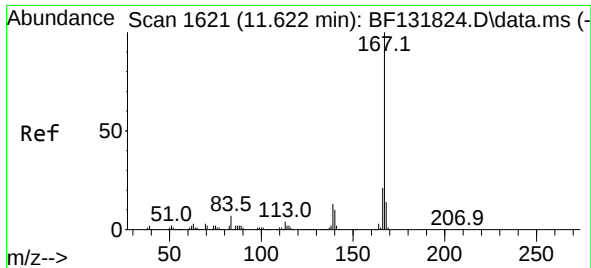


#72
Anthracene
Concen: 41.290 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



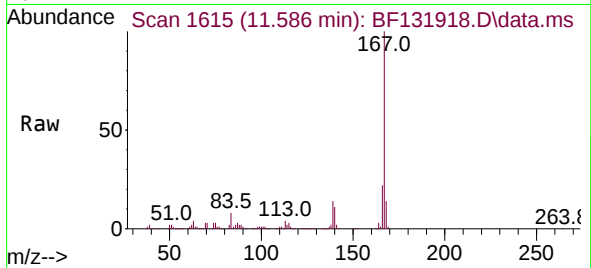
Tgt Ion:178 Resp: 650662
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.9 12.2 18.2





#73
Carbazole
Concen: 40.616 ng
RT: 11.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

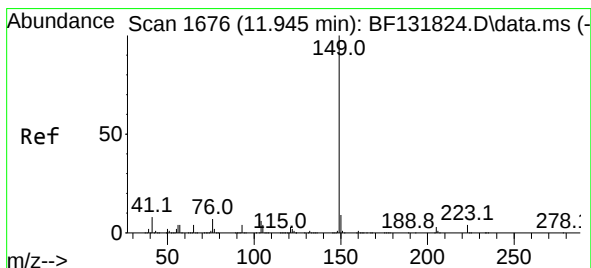
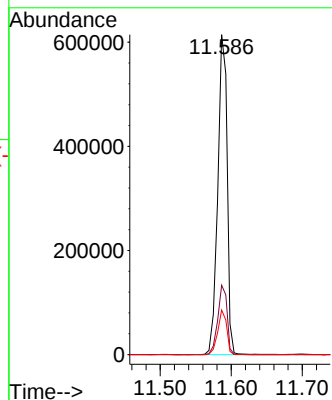
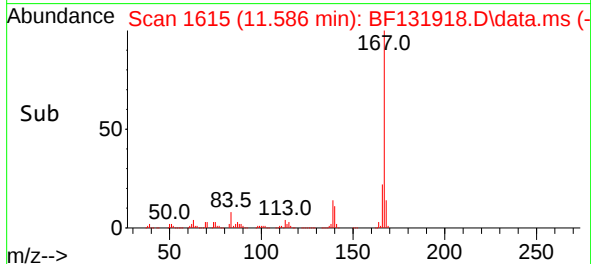
Instrument :
BNA_F
ClientSampleId :
TP-205MS



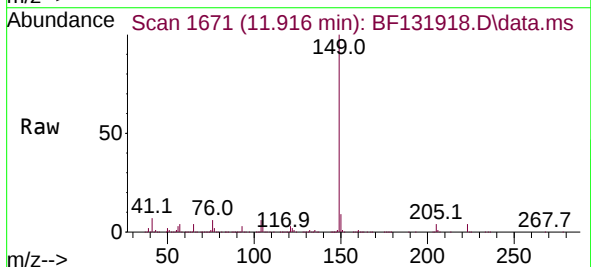
Tgt Ion:167 Resp: 565040
Ion Ratio Lower Upper
167 100
166 21.7 16.6 24.8
139 13.9 10.6 15.8

Manual Integrations
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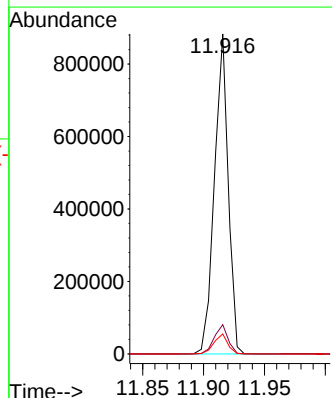
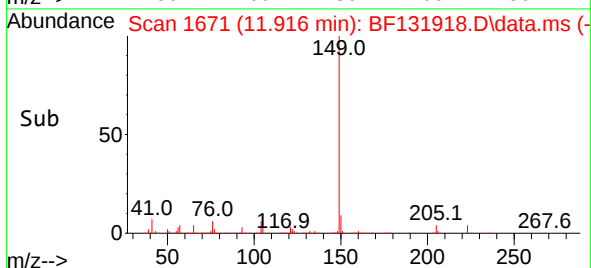
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

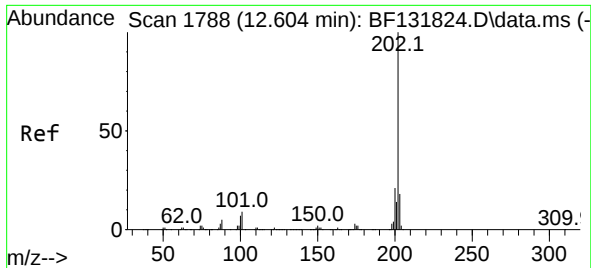


#74
Di-n-butylphthalate
Concen: 41.397 ng
RT: 11.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



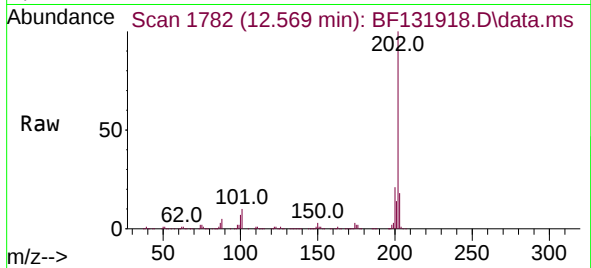
Tgt Ion:149 Resp: 696093
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.2 5.1 7.7





#75
Fluoranthene
Concen: 37.278 ng
RT: 12.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

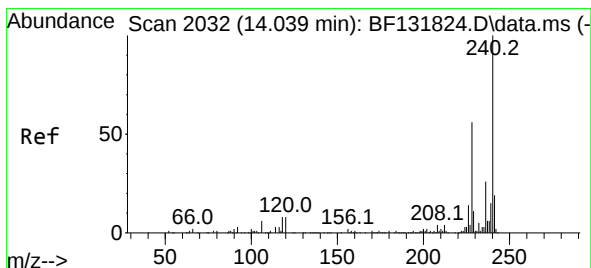
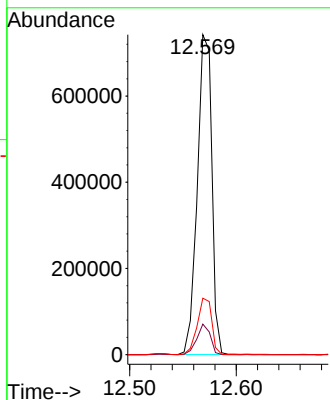
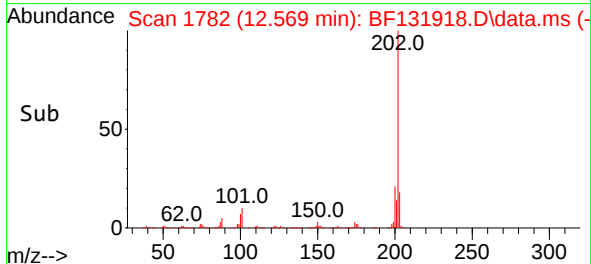
Instrument :
BNA_F
ClientSampleId :
TP-205MS



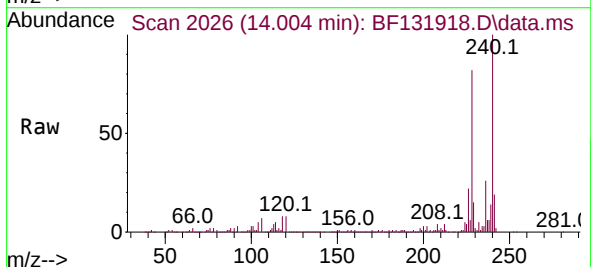
Tgt Ion:202 Resp: 699463
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.6
203 17.6 0.0 37.8

Manual Integrations
APPROVED

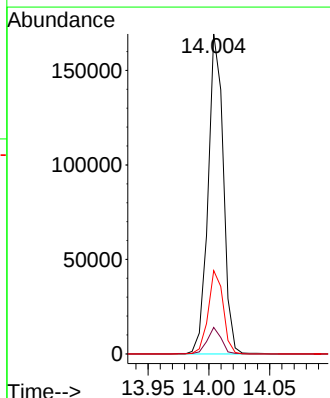
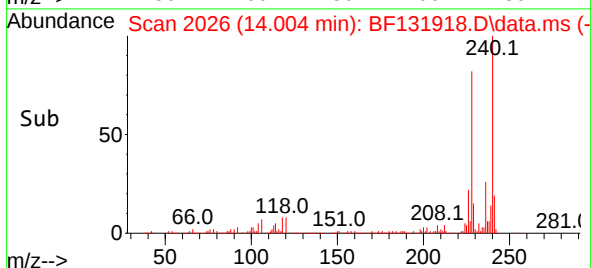
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

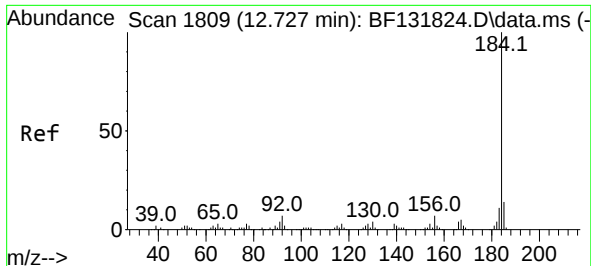


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



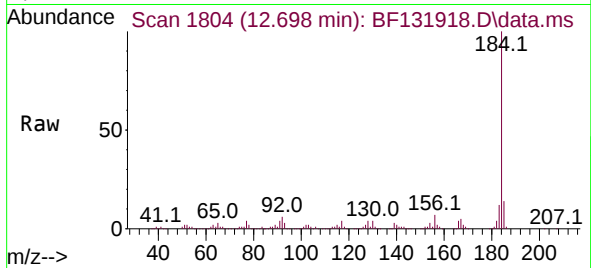
Tgt Ion:240 Resp: 147437
Ion Ratio Lower Upper
240 100
120 8.3 6.7 10.1
236 26.0 20.6 31.0





#77
Benzidine
Concen: 130.464 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

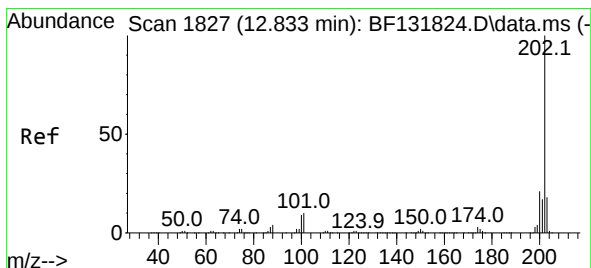
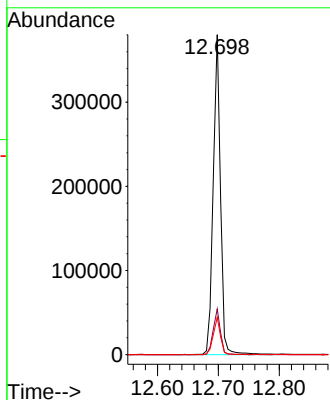
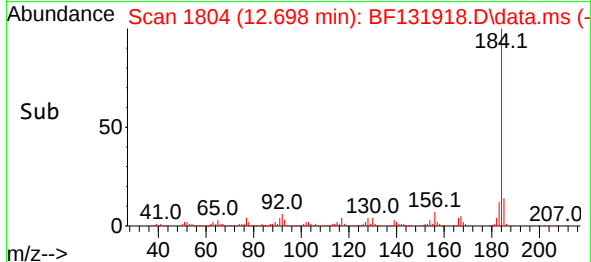
Instrument :
BNA_F
ClientSampleId :
TP-205MS



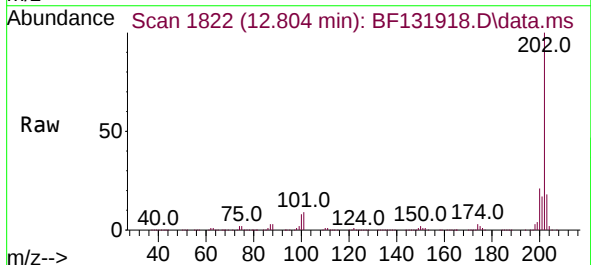
Tgt Ion:184 Resp: 316104
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 11.6 9.0 13.4

Manual Integrations
APPROVED

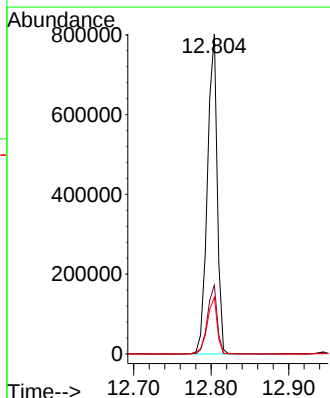
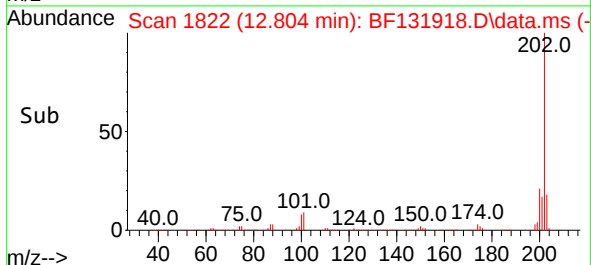
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

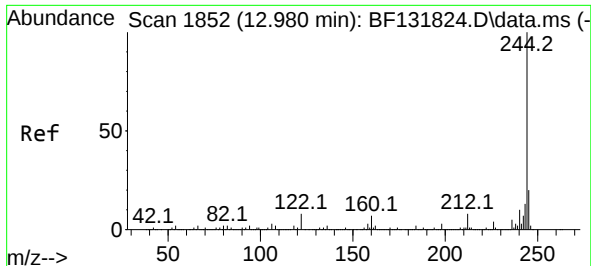


#78
Pyrene
Concen: 56.872 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



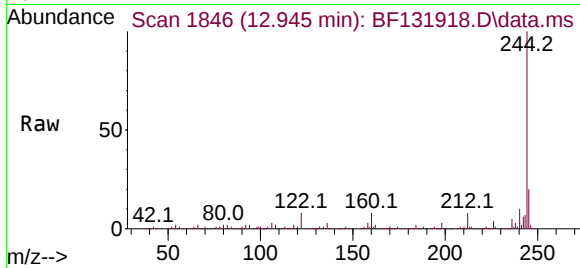
Tgt Ion:202 Resp: 702802
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 17.6 14.4 21.6





#79
Terphenyl-d14
Concen: 101.572 ng
RT: 12.945 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

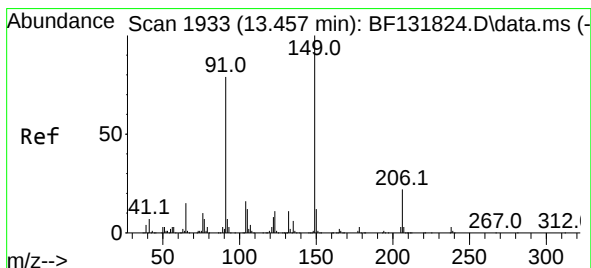
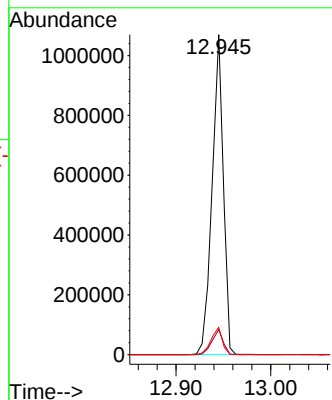
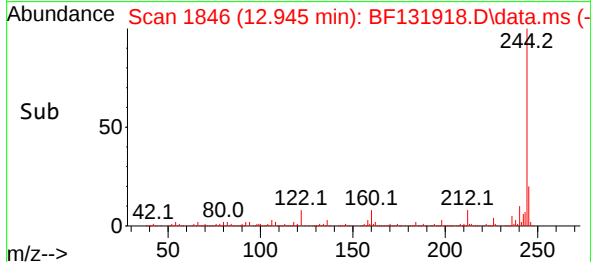
Instrument :
BNA_F
ClientSampleId :
TP-205MS



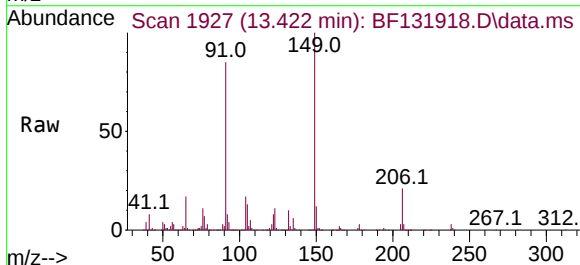
Tgt Ion:244 Resp: 885325
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.5 6.4 9.6

Manual Integrations
APPROVED

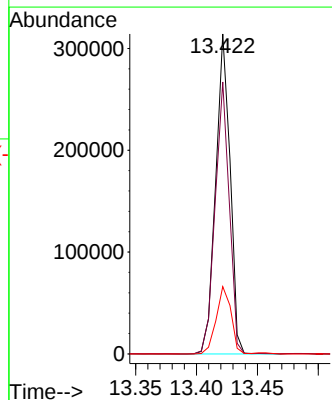
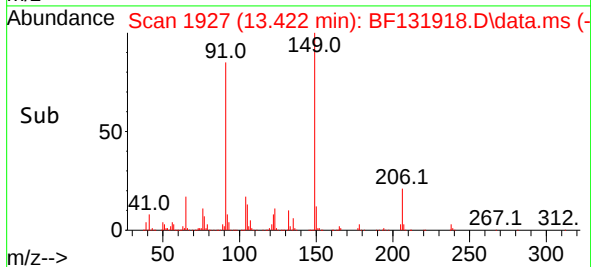
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

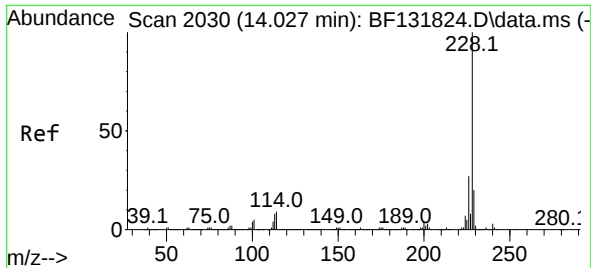


#80
Butylbenzylphthalate
Concen: 56.490 ng
RT: 13.422 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



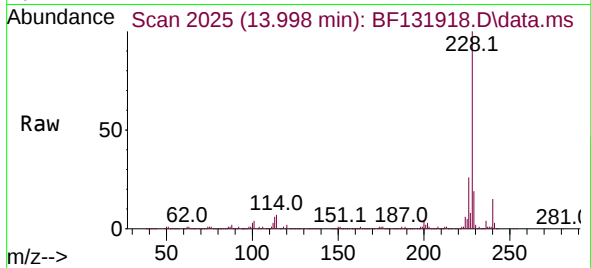
Tgt Ion:149 Resp: 258927
Ion Ratio Lower Upper
149 100
91 85.0 63.2 94.8
206 21.0 17.9 26.9





#81
Benzo(a)anthracene
Concen: 41.771 ng
RT: 13.998 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

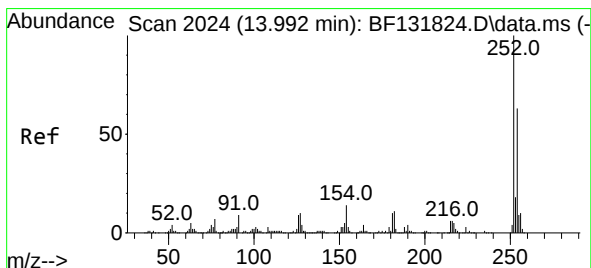
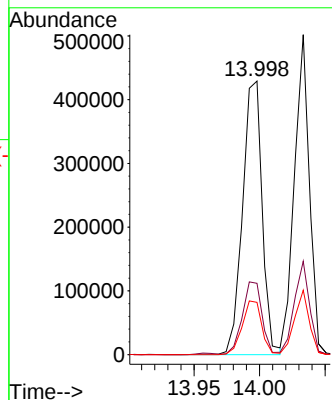
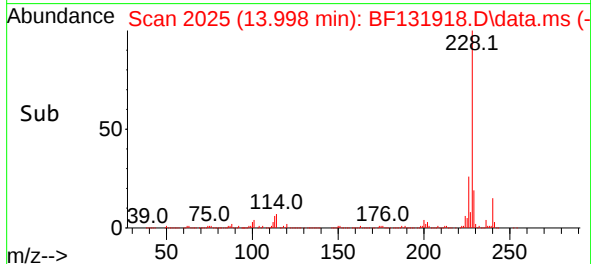
Instrument :
BNA_F
ClientSampleId :
TP-205MS



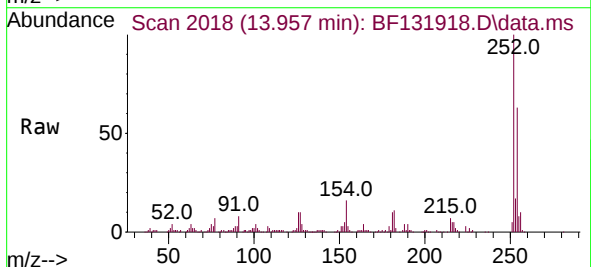
Tgt Ion:228 Resp: 445896
Ion Ratio Lower Upper
228 100
226 26.1 22.0 33.0
229 19.1 16.0 24.0

Manual Integrations
APPROVED

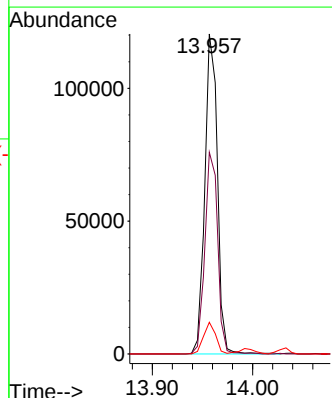
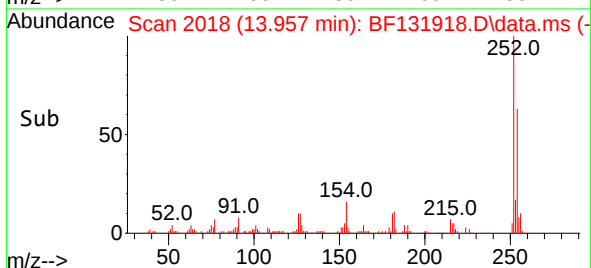
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

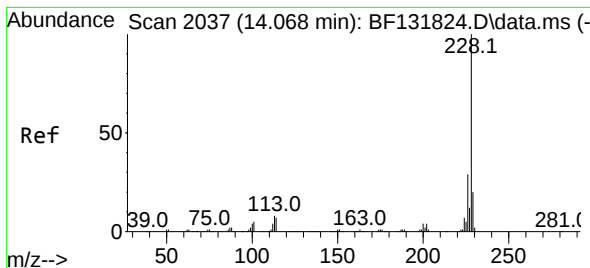


#82
3,3'-Dichlorobenzidine
Concen: 33.913 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



Tgt Ion:252 Resp: 104633
Ion Ratio Lower Upper
252 100
254 63.0 50.4 75.6
126 9.9 7.5 11.3





#83

Chrysene

Concen: 39.928 ng

RT: 14.033 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

TP-205MS

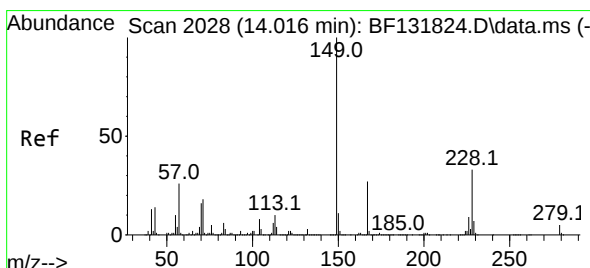
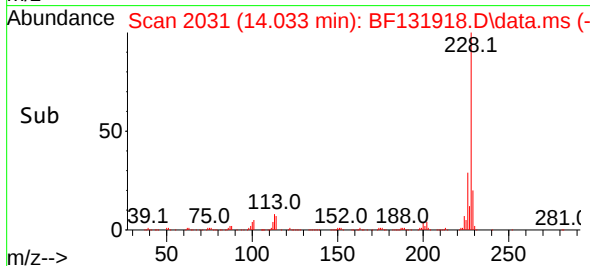
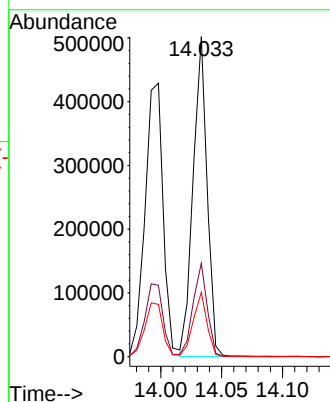
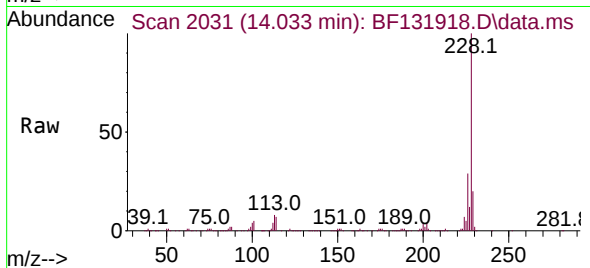
Tgt Ion:228 Resp: 400523

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	20.1	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.485 ng

RT: 13.980 min Scan# 2022

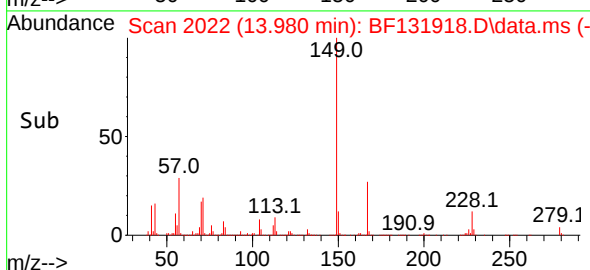
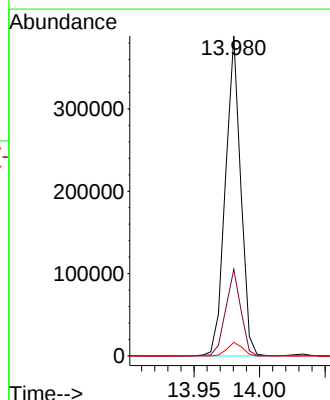
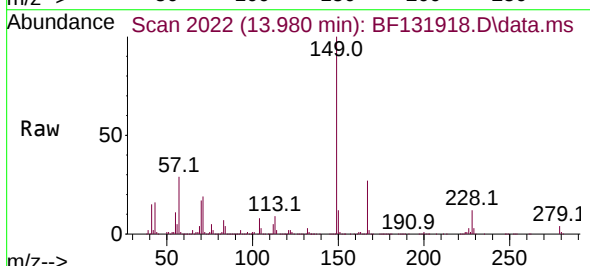
Delta R.T. 0.000 min

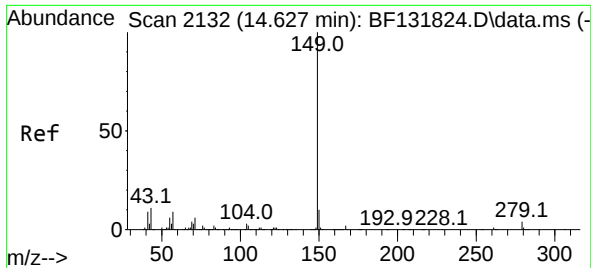
Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Tgt Ion:149 Resp: 315237

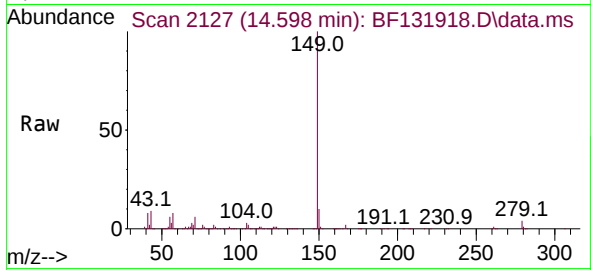
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.6
279	4.2	3.9	5.9





#85
Di-n-octyl phthalate
Concen: 51.786 ng
RT: 14.598 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

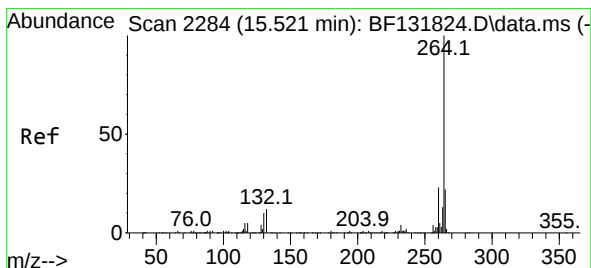
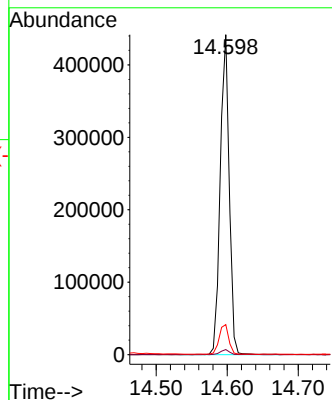
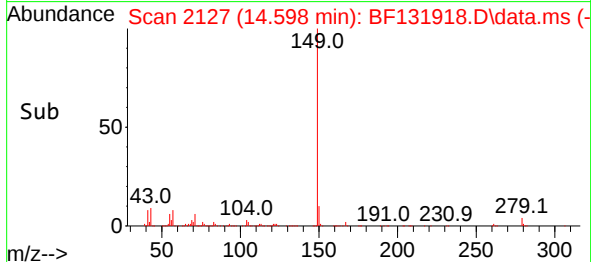
Instrument :
BNA_F
ClientSampleId :
TP-205MS



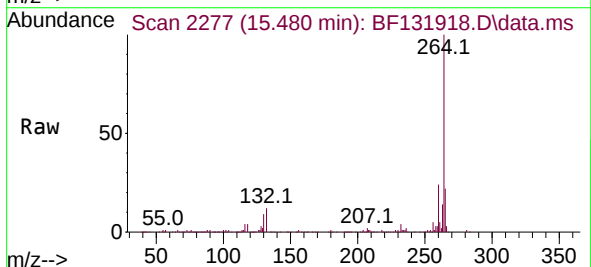
Tgt Ion:149 Resp: 389063
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 8.1 12.1

Manual Integrations
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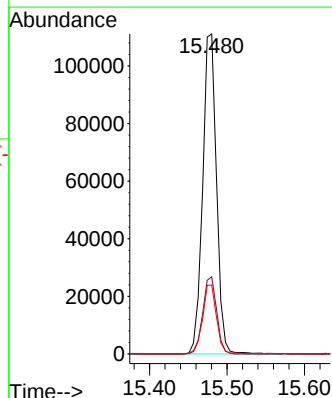
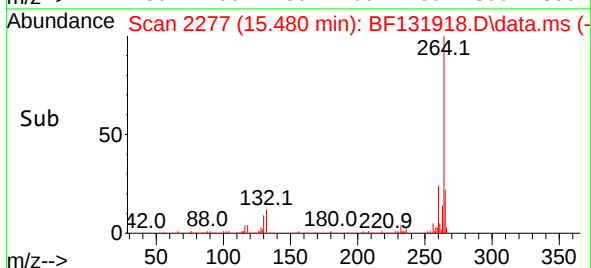
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

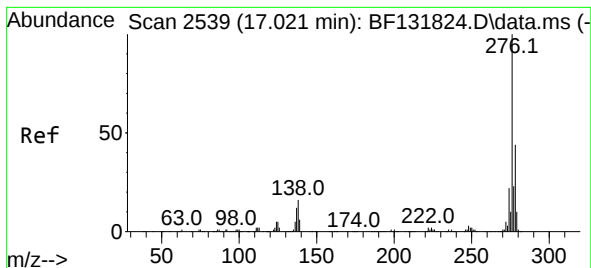


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51



Tgt Ion:264 Resp: 137537
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.909 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

Instrument :

BNA_F

ClientSampleId :

TP-205MS

Tgt Ion:276 Resp: 471050

Ion Ratio Lower Upper

276 100

138 17.7 14.5 21.7

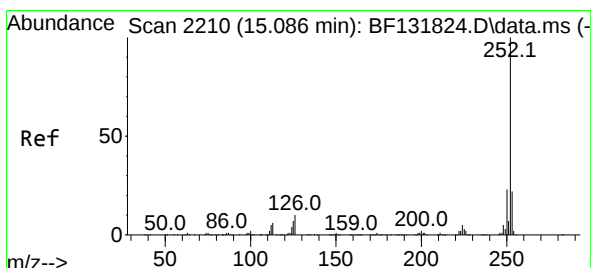
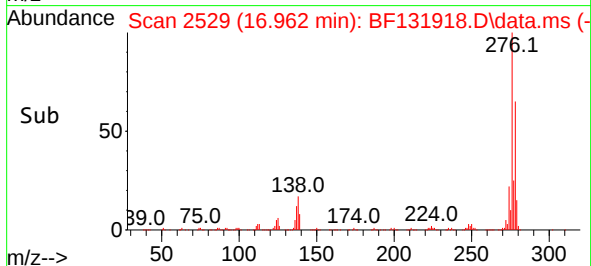
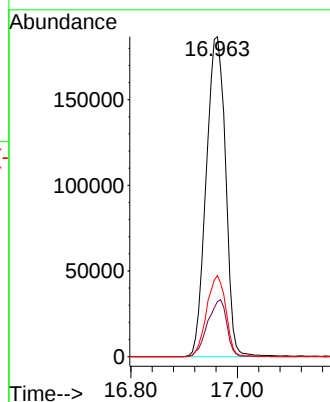
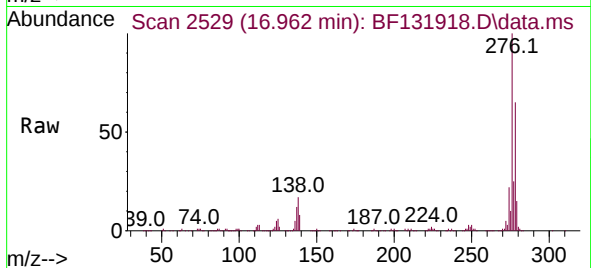
277 25.1 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#88

Benzo(b)fluoranthene

Concen: 35.820 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF131918.D

Acq: 05 Jan 2023 16:51

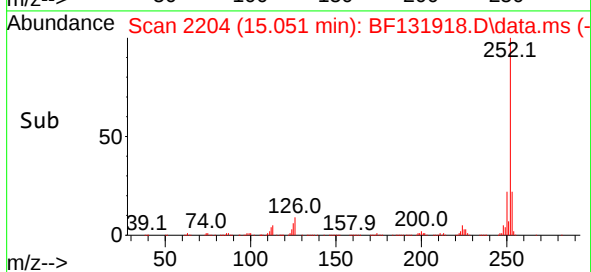
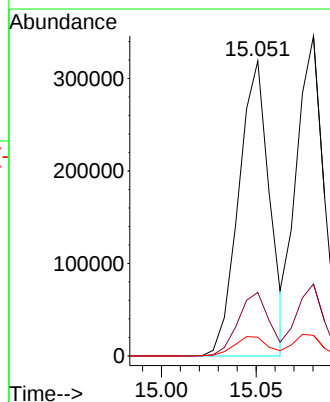
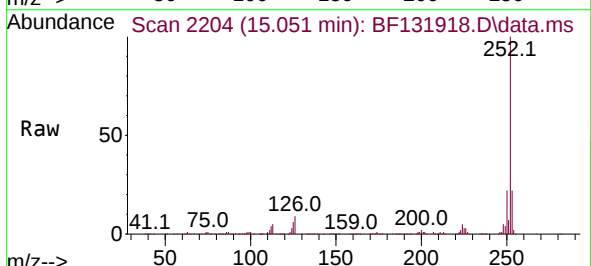
Tgt Ion:252 Resp: 361242

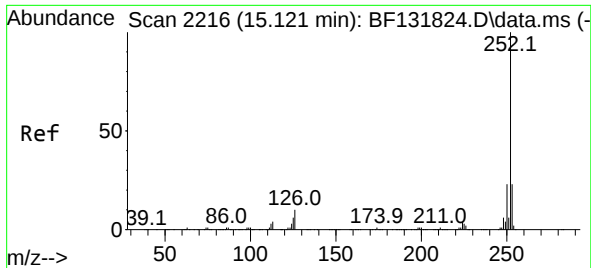
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 6.3 5.8 8.8





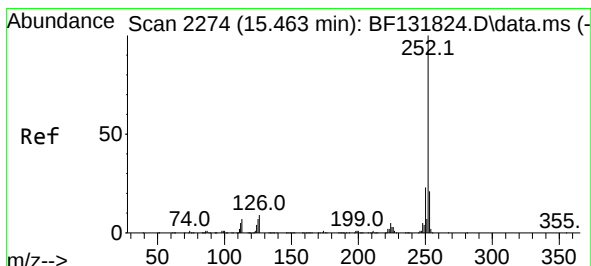
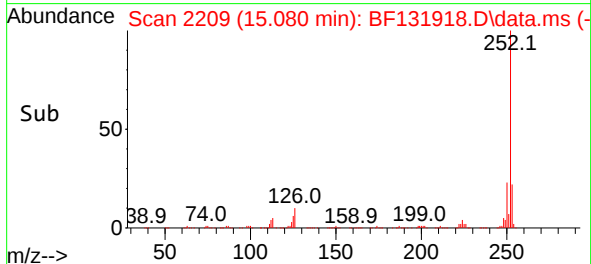
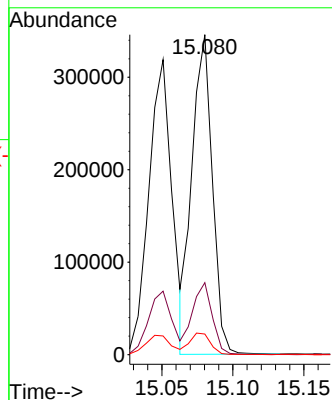
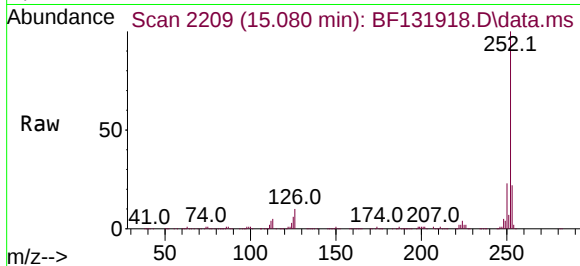
#89
Benzo(k)fluoranthene
Concen: 35.328 ng
RT: 15.080 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Instrument :
BNA_F
ClientSampleId :
TP-205MS

Tgt Ion:252 Resp: 344231
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 6.4 5.4 8.0

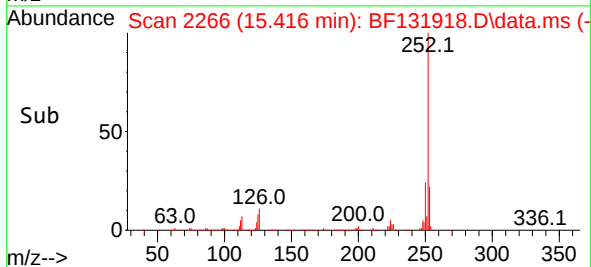
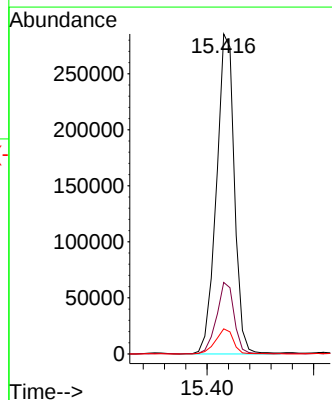
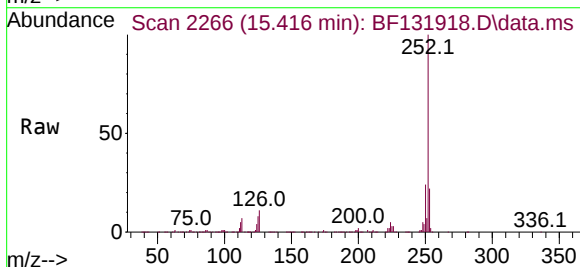
Manual Integrations
APPROVED

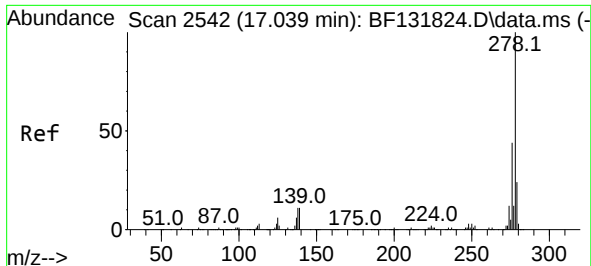
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#90
Benzo(a)pyrene
Concen: 42.821 ng
RT: 15.416 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

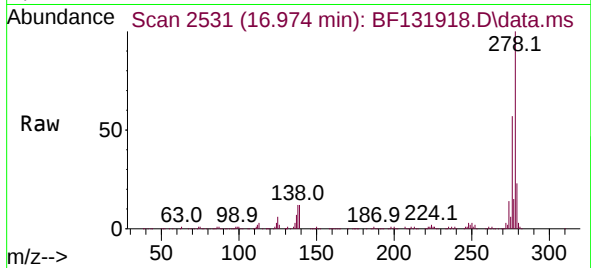
Tgt Ion:252 Resp: 334336
Ion Ratio Lower Upper
252 100
253 22.3 16.6 24.8
125 7.8 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 54.234 ng
RT: 16.974 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

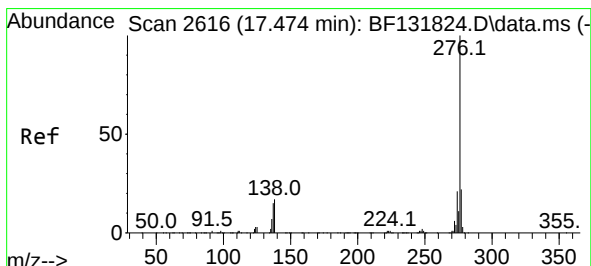
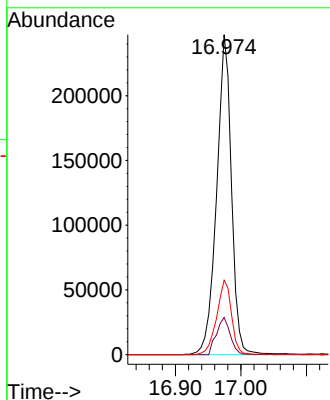
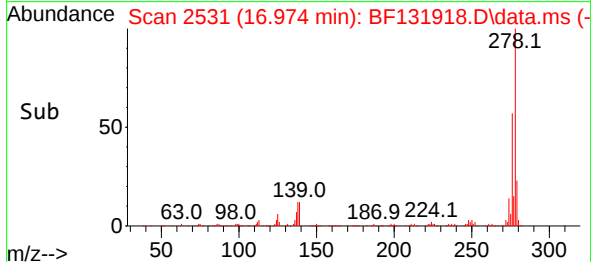
Instrument :
BNA_F
ClientSampleId :
TP-205MS



Tgt Ion:278 Resp: 388162
Ion Ratio Lower Upper
278 100
139 11.6 8.6 12.8
279 23.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#92
Benzo(g,h,i)perylene
Concen: 46.166 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF131918.D
Acq: 05 Jan 2023 16:51

Tgt Ion:276 Resp: 388918
Ion Ratio Lower Upper
276 100
277 24.6 17.9 26.9
138 15.0 13.7 20.5

