

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131919.D
 Acq On : 05 Jan 2023 17:23
 Operator : CG\JU
 Sample : 01029-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-205MSD

Quant Time: Jan 06 03:11:50 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	69714	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	258618	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	151536	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	296565	20.000	ng	0.00
76) Chrysene-d12	14.004	240	142821	20.000	ng	0.00
86) Perylene-d12	15.474	264	142851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	496863	118.113	ng	0.02
7) Phenol-d6	6.445	99	656001	118.694	ng	0.00
23) Nitrobenzene-d5	7.375	82	464984	71.785	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	197525	119.971	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	797494	72.085	ng	0.00
79) Terphenyl-d14	12.945	244	877712	103.953	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	74963	38.428	ng	97
3) Pyridine	3.281	79	204214	37.238	ng	98
4) n-Nitrosodimethylamine	3.252	42	107440	41.666	ng	96
6) Aniline	6.469	93	263591	39.326	ng	99
8) 2-Chlorophenol	6.587	128	190470	42.976	ng	94
9) Benzaldehyde	6.351	77	124432	35.088	ng	94
10) Phenol	6.457	94	275899	41.919	ng	88
11) bis(2-Chloroethyl)ether	6.540	93	200810	42.666	ng	98
12) 1,3-Dichlorobenzene	6.740	146	213503	42.155	ng	97
13) 1,4-Dichlorobenzene	6.822	146	213802	41.887	ng	97
14) 1,2-Dichlorobenzene	6.975	146	205967	42.944	ng	98
15) Benzyl Alcohol	6.951	79	216192	44.607	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	257960	42.949	ng	97
17) 2-Methylphenol	7.069	107	170949	42.192	ng	97
18) Hexachloroethane	7.316	117	87569	42.487	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	167010	42.787	ng	98
20) 3+4-Methylphenols	7.222	107	225498	42.655	ng	93
22) Acetophenone	7.222	105	314146	41.433	ng	# 98
24) Nitrobenzene	7.398	77	256990	39.588	ng	97
25) Isophorone	7.634	82	461917	43.667	ng	99
26) 2-Nitrophenol	7.710	139	106360	42.140	ng	96
27) 2,4-Dimethylphenol	7.751	122	177772	49.377	ng	94
28) bis(2-Chloroethoxy)met...	7.845	93	256516	45.201	ng	98
29) 2,4-Dichlorophenol	7.957	162	180446	41.601	ng	98
30) 1,2,4-Trichlorobenzene	8.034	180	206364	40.127	ng	99
31) Naphthalene	8.116	128	558703	39.447	ng	99
32) Benzoic acid	7.892	122	101617	38.616	ng	98
33) 4-Chloroaniline	8.169	127	152028	27.975	ng	98
34) Hexachlorobutadiene	8.228	225	137600	39.108	ng	99
35) Caprolactam	8.551	113	54047m	42.085	ng	
36) 4-Chloro-3-methylphenol	8.663	107	209694	42.775	ng	95
37) 2-Methylnaphthalene	8.810	142	383850	40.381	ng	98
38) 1-Methylnaphthalene	8.910	142	352467	38.174	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	221588	41.646	ng	98
41) Hexachlorocyclopentadiene	8.957	237	223529	92.844	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	136709	40.116	ng	98

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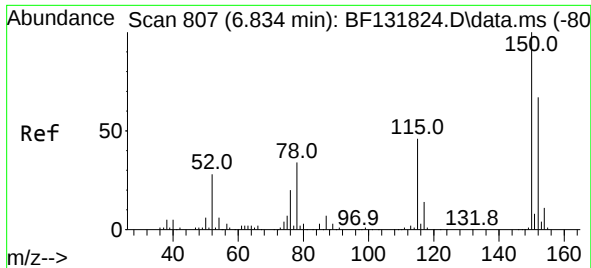
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	146434	39.751	ng	94
46) 1,1'-Biphenyl	9.281	154	482786	41.614	ng	98
47) 2-Chloronaphthalene	9.304	162	387313	40.353	ng	97
48) 2-Nitroaniline	9.404	65	143552	40.804	ng	91
49) Acenaphthylene	9.722	152	590198	41.296	ng	100
50) Dimethylphthalate	9.586	163	474704	41.408	ng	99
51) 2,6-Dinitrotoluene	9.651	165	103483	41.698	ng	96
52) Acenaphthene	9.892	154	347095	40.240	ng	99
53) 3-Nitroaniline	9.822	138	72803	28.791	ng	99
54) 2,4-Dinitrophenol	9.939	184	117272	82.114	ng	# 89
55) Dibenzofuran	10.069	168	541842	40.773	ng	99
56) 4-Nitrophenol	9.998	139	136182	76.878	ng	89
57) 2,4-Dinitrotoluene	10.057	165	141857	41.797	ng	91
58) Fluorene	10.410	166	433780	39.983	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.186	232	119780m	39.623	ng	
60) Diethylphthalate	10.286	149	456191	41.345	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	238109	42.218	ng	95
62) 4-Nitroaniline	10.445	138	102078	38.734	ng	95
63) Azobenzene	10.563	77	602916	49.236	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	81940	40.581	ng	90
66) n-Nitrosodiphenylamine	10.528	169	373510	41.288	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	143849	41.850	ng	94
68) Hexachlorobenzene	10.957	284	158680	42.025	ng	95
69) Atrazine	11.057	200	135170	45.386	ng	98
70) Pentachlorophenol	11.157	266	154639	82.767	ng	98
71) Phenanthrene	11.380	178	642923	39.423	ng	100
72) Anthracene	11.433	178	656570	41.155	ng	99
73) Carbazole	11.592	167	566702	40.237	ng	99
74) Di-n-butylphthalate	11.916	149	700412	41.144	ng	100
75) Fluoranthene	12.569	202	694501	36.560	ng	99
77) Benzidine	12.698	184	317627	135.329	ng	99
78) Pyrene	12.804	202	696129	58.153	ng	99
80) Butylbenzylphthalate	13.421	149	250306	56.374	ng	96
81) Benzo(a)anthracene	13.992	228	430721	41.654	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	105799	35.399	ng	100
83) Chrysene	14.033	228	394782	40.628	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	310976	57.522	ng	99
85) Di-n-octyl phthalate	14.592	149	376240	51.698	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	486653	53.623	ng	99
88) Benzo(b)fluoranthene	15.051	252	377603	36.050	ng	98
89) Benzo(k)fluoranthene	15.080	252	357128	35.288	ng	100
90) Benzo(a)pyrene	15.415	252	345294	42.580	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	398036	53.544	ng	99
92) Benzo(g,h,i)perylene	17.409	276	396848	45.447	ng	97

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

Manual Integrations

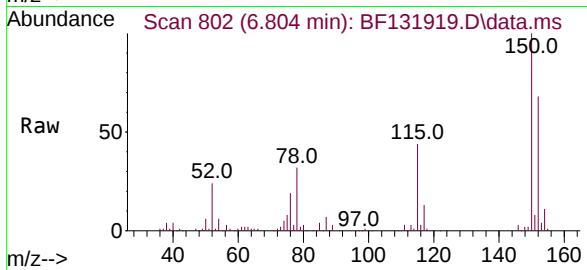
Quant Time: Jan 06 03:11:50 2023
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF131919.D
 Acq: 05 Jan 2023 17:23

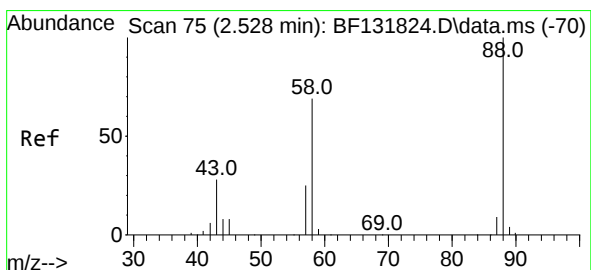
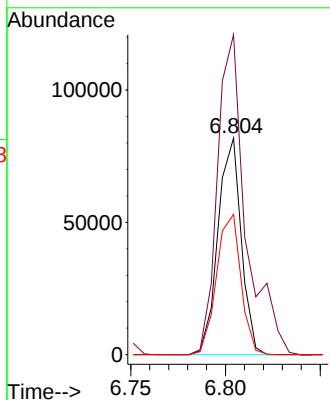
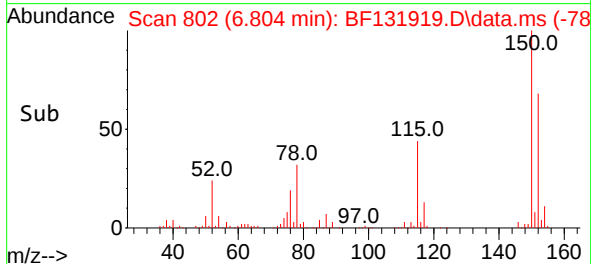
Instrument :
 BNA_F
 ClientSampleId :
 TP-205MSD



Tgt Ion:152 Resp: 69714
 Ion Ratio Lower Upper
 152 100
 150 147.7 120.0 180.0
 115 64.7 55.1 82.7

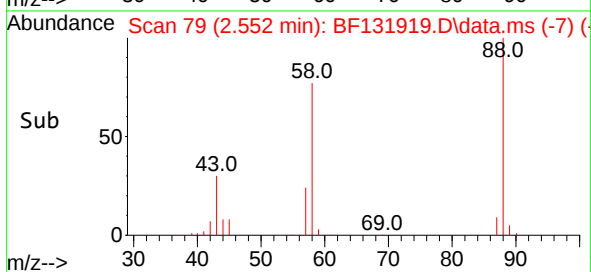
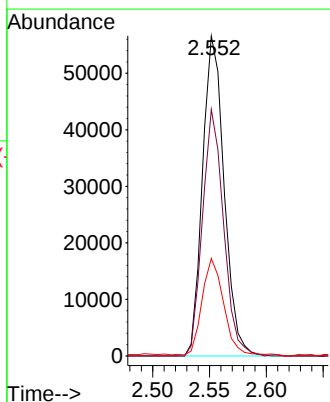
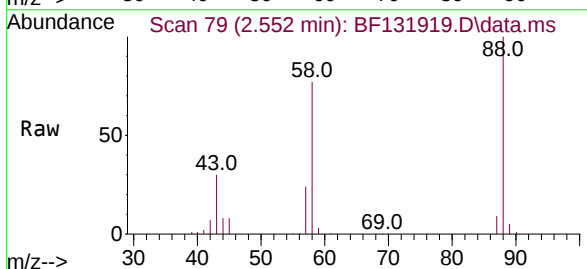
Manual Integrations
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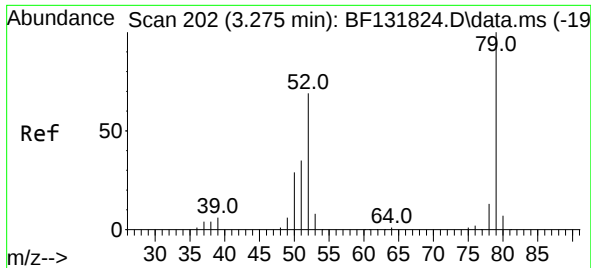
Reviewed By :Christian Giraldo 01/06/2023
 Supervised By :Jagrut Upadhyay 01/06/2023



#2
 1,4-Dioxane
 Concen: 38.428 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.071 min
 Lab File: BF131919.D
 Acq: 05 Jan 2023 17:23

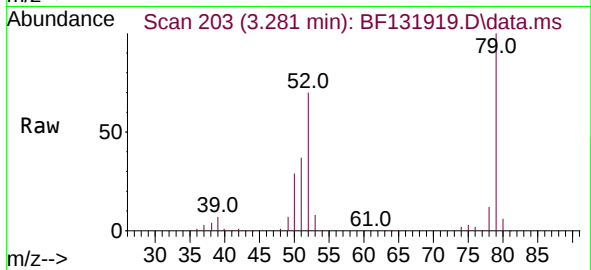
Tgt Ion: 88 Resp: 74963
 Ion Ratio Lower Upper
 88 100
 58 75.3 58.2 87.2
 43 31.1 24.2 36.4





#3
Pyridine
Concen: 37.238 ng
RT: 3.281 min Scan# 202
Delta R.T. 0.071 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

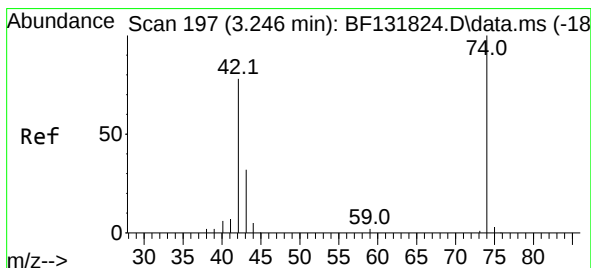
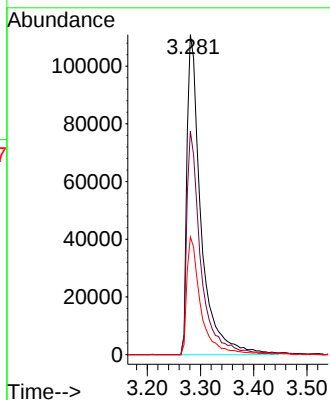
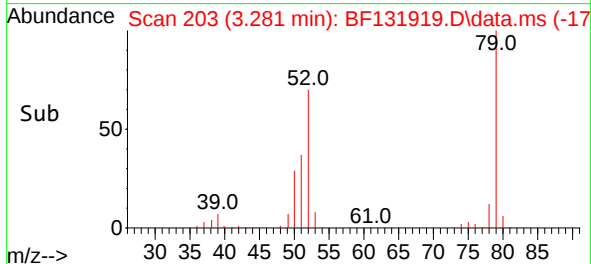
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



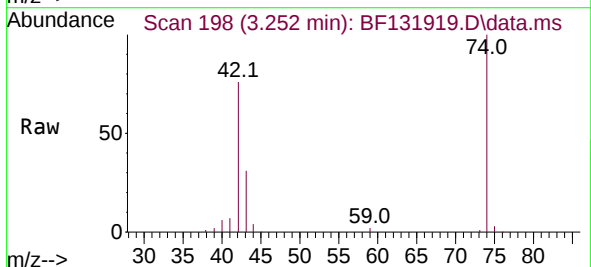
Tgt Ion: 79 Resp: 204214
Ion Ratio Lower Upper
79 100
52 69.9 55.4 83.2
51 36.8 27.8 41.8

Manual Integrations
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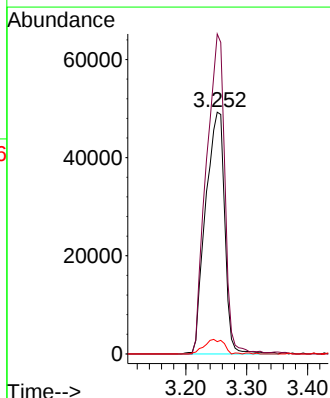
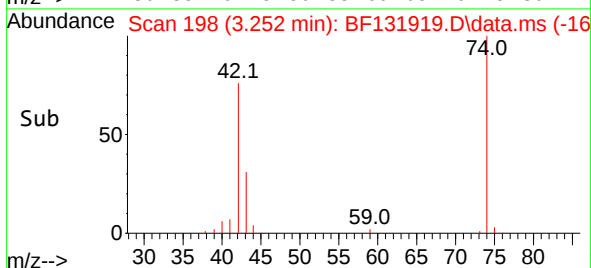
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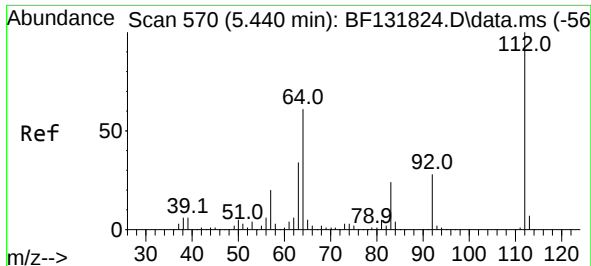


#4
n-Nitrosodimethylamine
Concen: 41.666 ng
RT: 3.252 min Scan# 198
Delta R.T. 0.071 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



Tgt Ion: 42 Resp: 107440
Ion Ratio Lower Upper
42 100
74 132.4 102.0 153.0
44 5.1 4.6 7.0





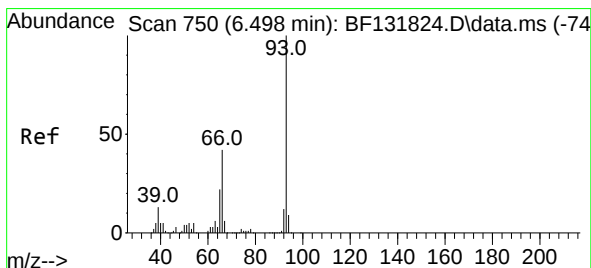
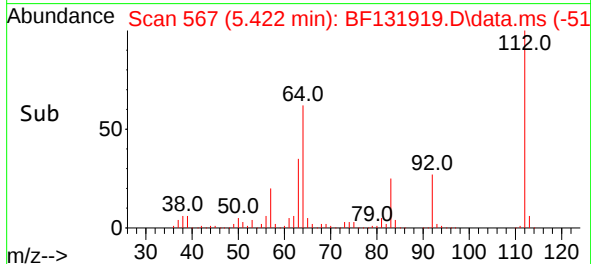
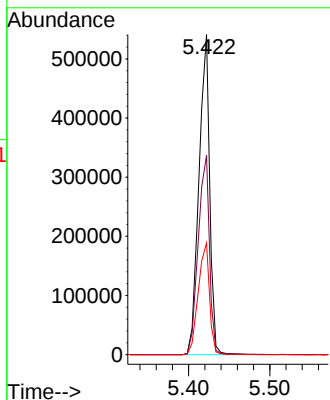
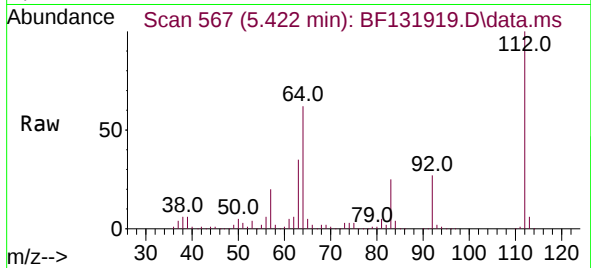
#5
2-Fluorophenol
Concen: 118.113 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :
BNA_F
ClientSampleId :
TP-205MSD

Tgt Ion:112 Resp: 496863
Ion Ratio Lower Upper
112 100
64 62.3 49.2 73.8
63 34.9 27.5 41.3

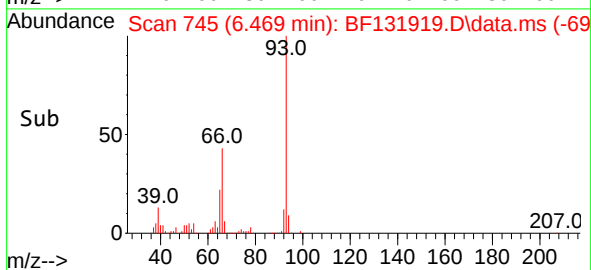
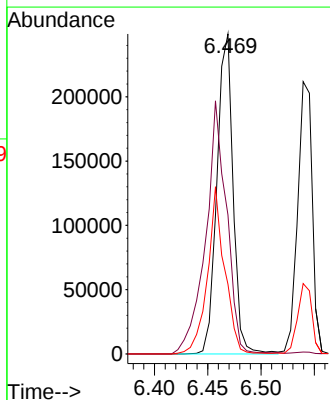
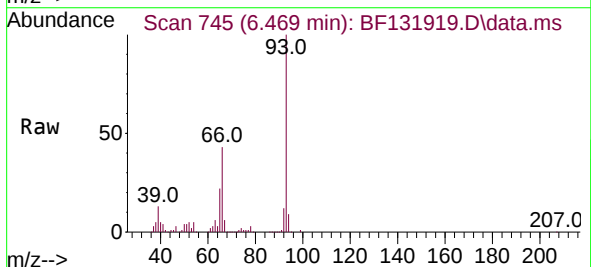
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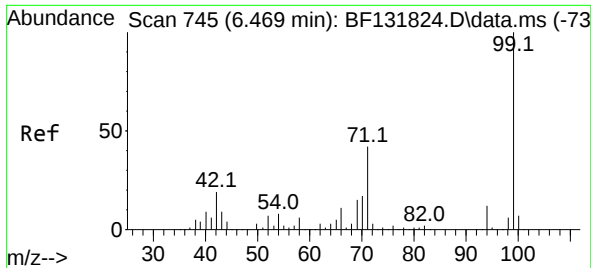
Reviewed By :Christian Giraldo 01/06/2023
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#6
Aniline
Concen: 39.326 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion: 93 Resp: 263591
Ion Ratio Lower Upper
93 100
66 43.4 33.9 50.9
65 21.8 17.4 26.0





#7

Phenol-d6

Concen: 118.694 ng

RT: 6.445 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

Tgt Ion: 99 Resp: 65600

Ion Ratio Lower Upper

99 100

42 19.5 15.3 22.9

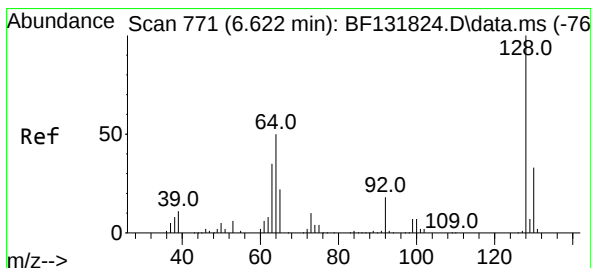
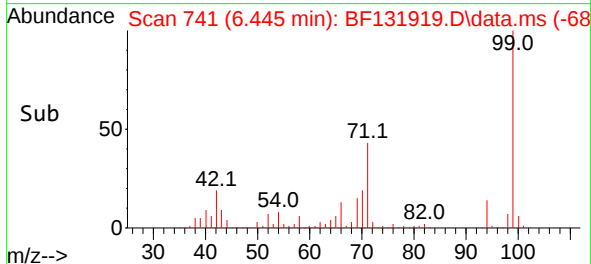
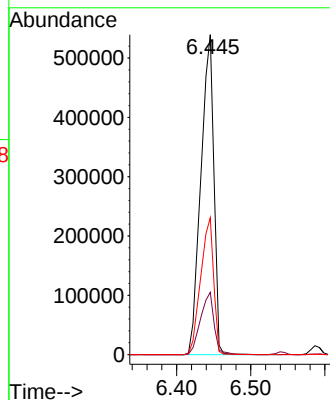
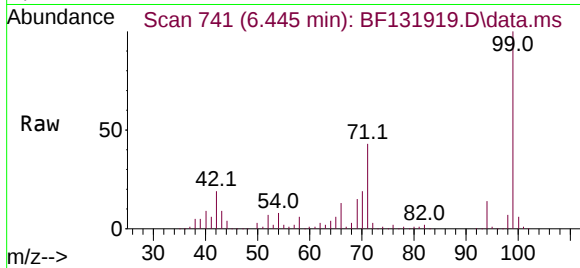
71 42.8 33.5 50.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.976 ng

RT: 6.587 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

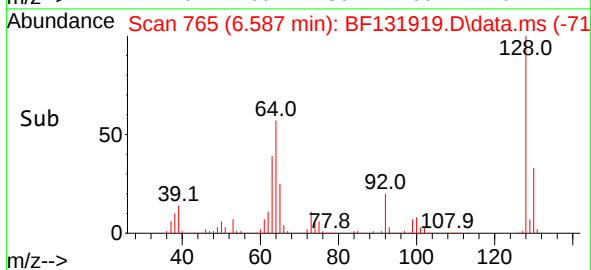
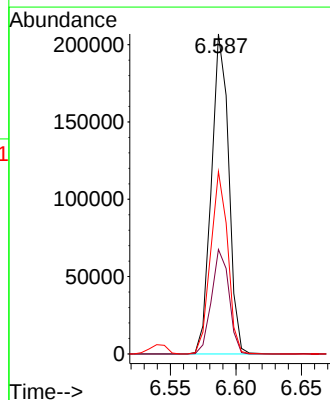
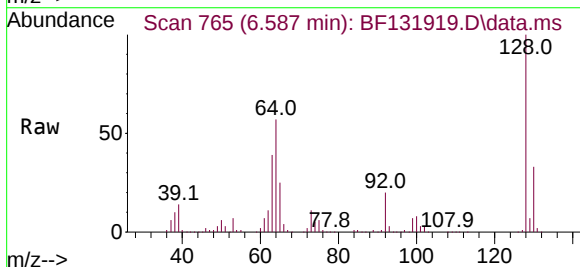
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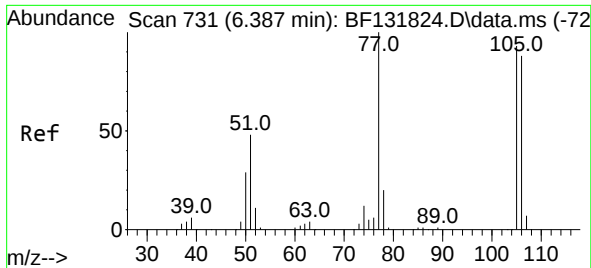
Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

64 57.0 30.7 70.7





#9

Benzaldehyde

Concen: 35.088 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

Tgt Ion: 77 Resp: 124432

Ion Ratio Lower Upper

77 100

105 87.5 72.9 112.9

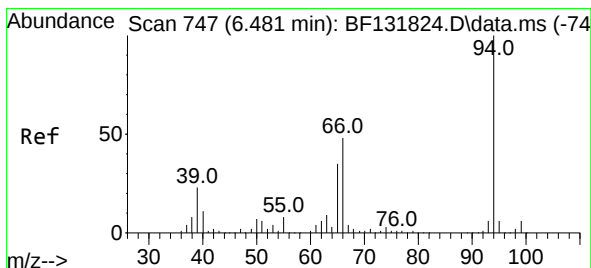
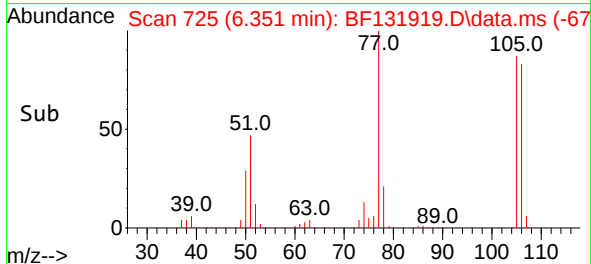
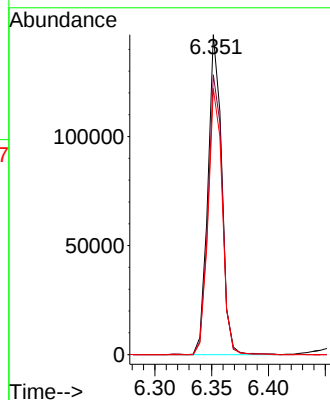
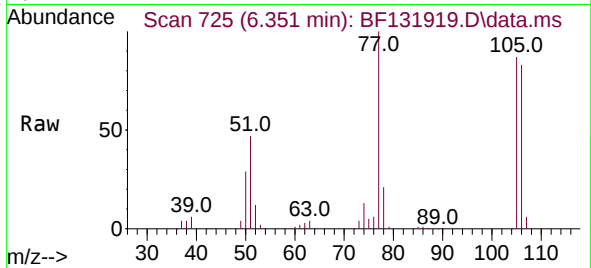
106 83.1 68.5 108.5

Manual Integrations

APPROVED

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Supervised By :Jagrut Upadhyay 01/06/2023



#10

Phenol

Concen: 41.919 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

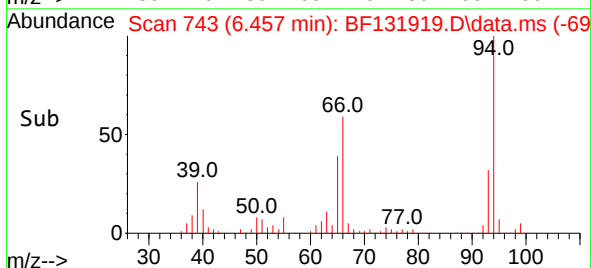
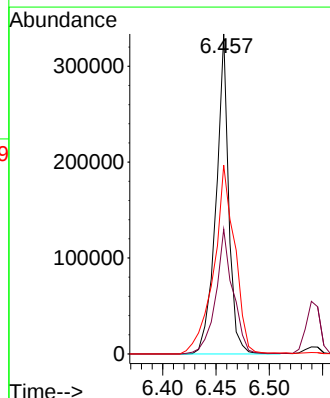
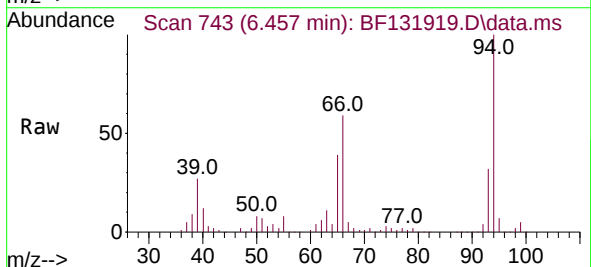
Tgt Ion: 94 Resp: 275899

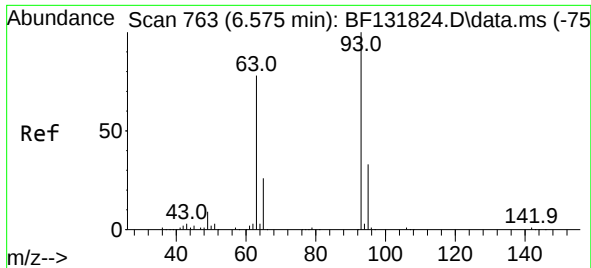
Ion Ratio Lower Upper

94 100

65 39.0 14.6 54.6

66 59.0 28.2 68.2





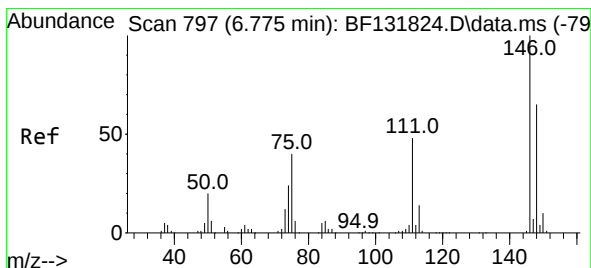
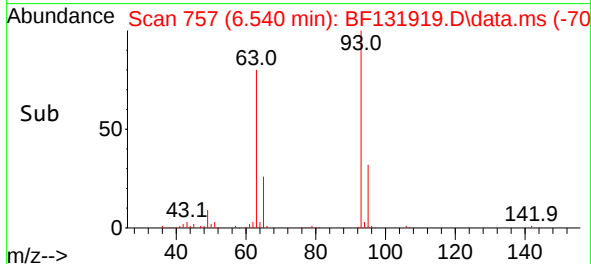
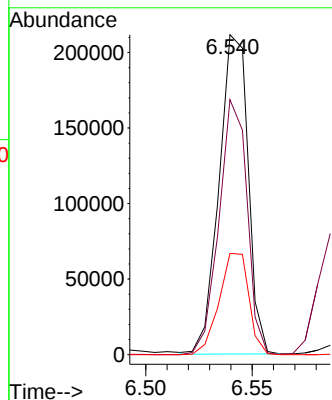
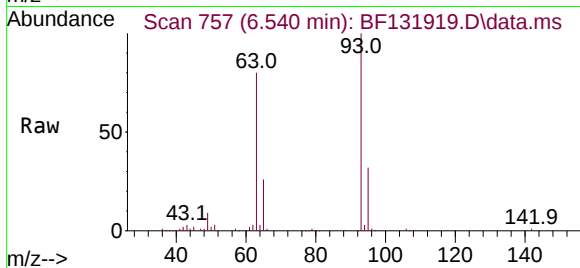
#11
bis(2-Chloroethyl)ether
Concen: 42.666 ng
RT: 6.540 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :
BNA_F
ClientSampleId :
TP-205MSD

Tgt Ion: 93 Resp: 200810
Ion Ratio Lower Upper
93 100
63 79.7 57.6 97.6
95 31.6 12.7 52.7

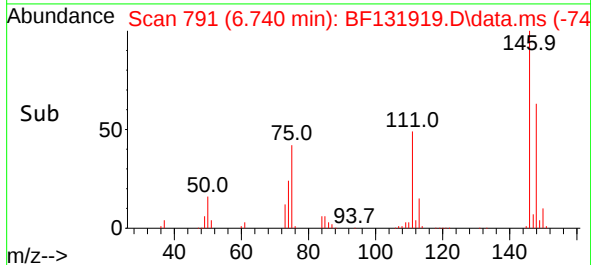
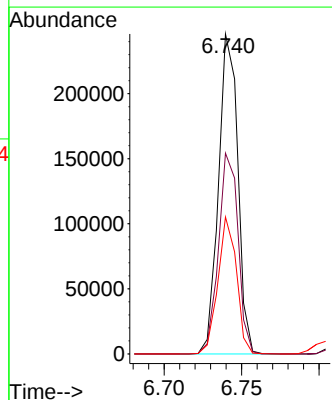
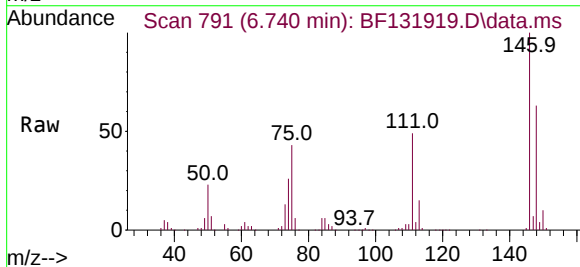
Manual Integrations
APPROVED

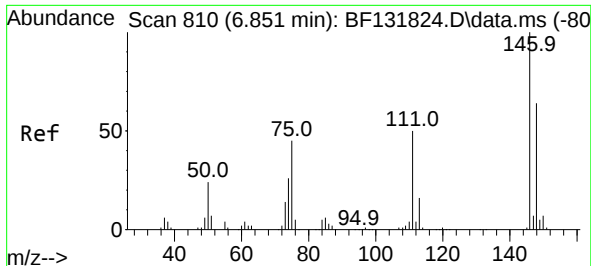
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#12
1,3-Dichlorobenzene
Concen: 42.155 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion:146 Resp: 213503
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.6
75 42.8 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 41.887 ng

RT: 6.822 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

Tgt Ion:146 Resp: 213802

Ion Ratio Lower Upper

146 100

148 65.3 51.3 76.9

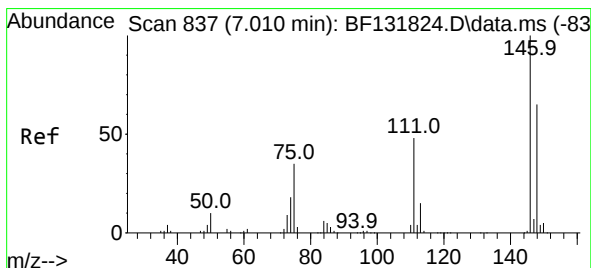
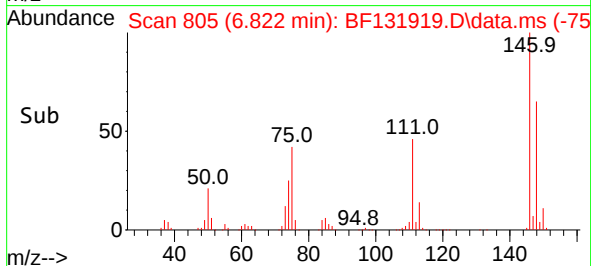
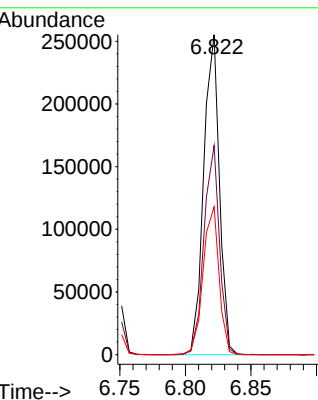
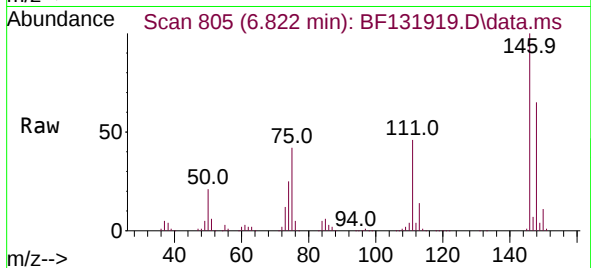
111 46.2 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#14

1,2-Dichlorobenzene

Concen: 42.944 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

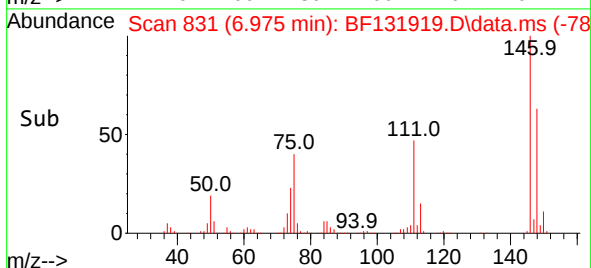
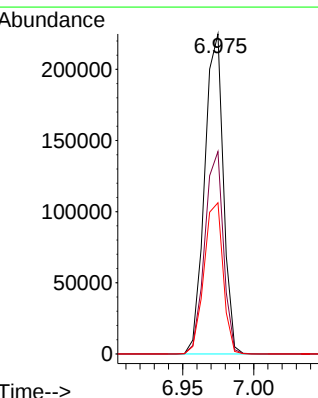
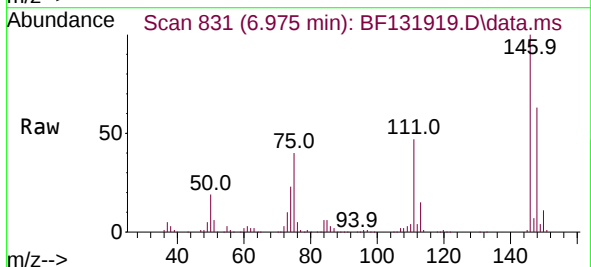
Tgt Ion:146 Resp: 205967

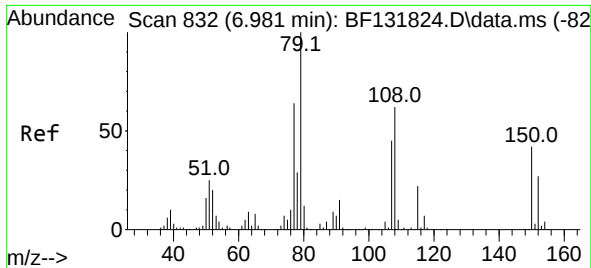
Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.4

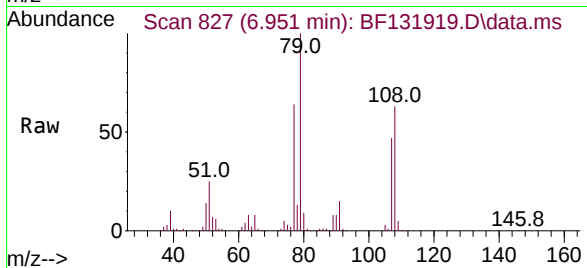
111 47.2 38.2 57.4





#15
Benzyl Alcohol
Concen: 44.607 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

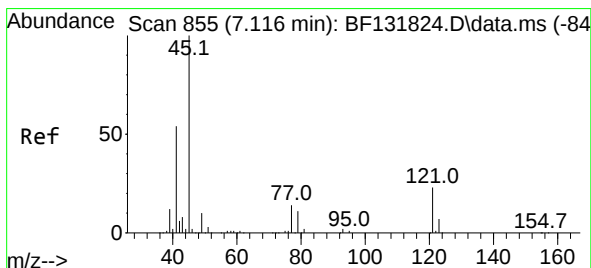
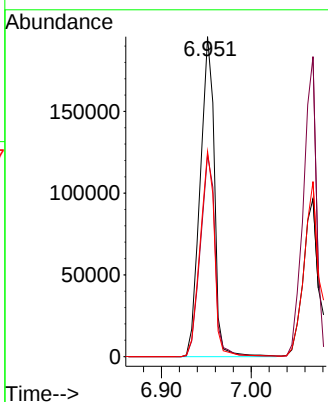
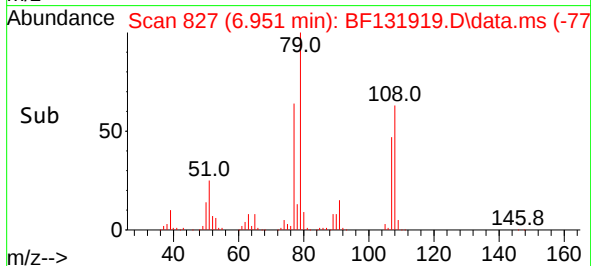
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



Tgt Ion: 79 Resp: 216192
Ion Ratio Lower Upper
79 100
108 63.1 49.8 74.8
77 64.1 51.4 77.0

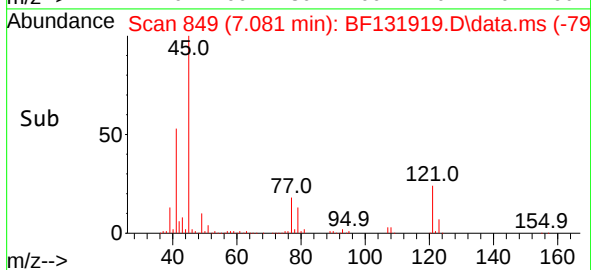
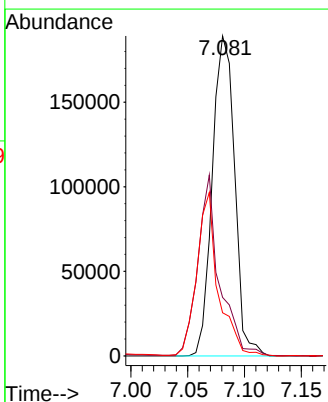
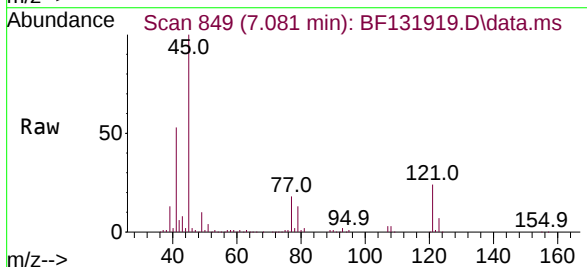
Manual Integrations
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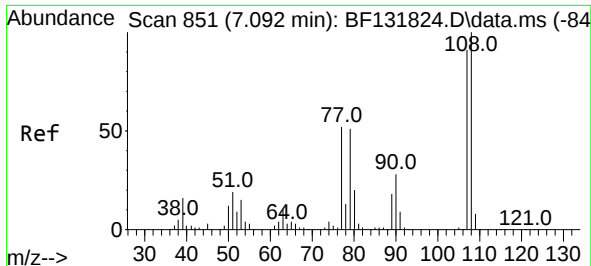
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.949 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

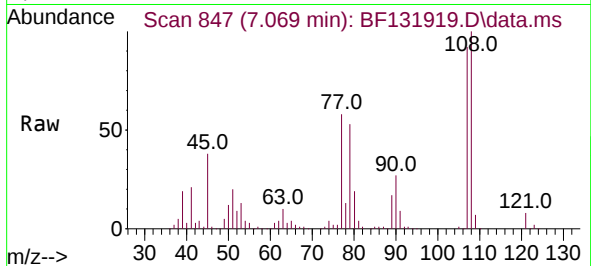
Tgt Ion: 45 Resp: 257960
Ion Ratio Lower Upper
45 100
77 18.3 0.0 36.1
79 13.5 0.0 33.3





#17
2-Methylphenol
Concen: 42.192 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

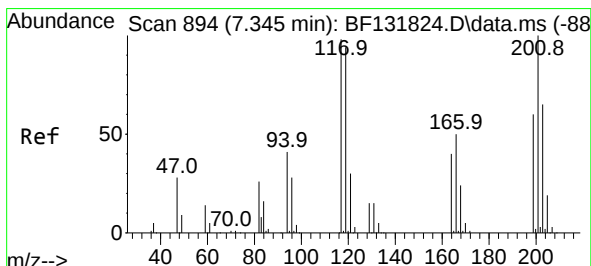
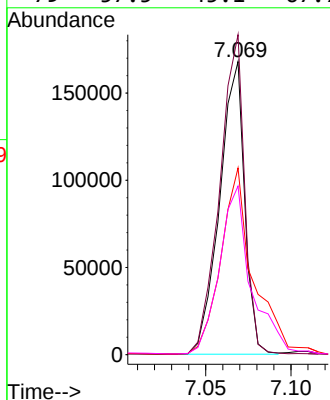
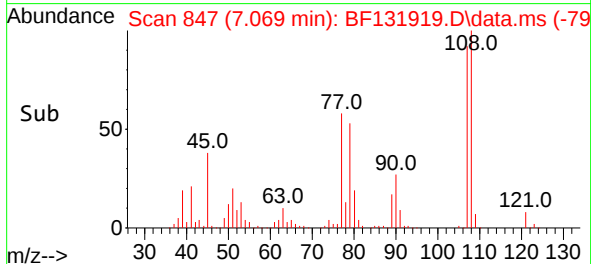
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



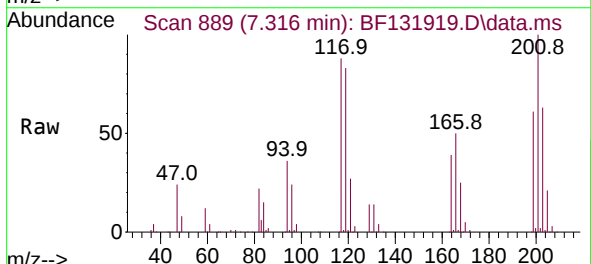
Tgt Ion:107 Resp: 170949
Ion Ratio Lower Upper
107 100
108 109.2 87.6 131.4
77 63.7 45.8 68.8
79 57.5 45.1 67.7

Manual Integrations
APPROVED

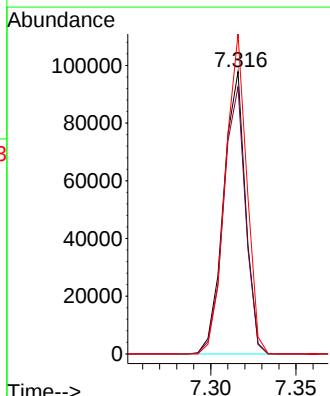
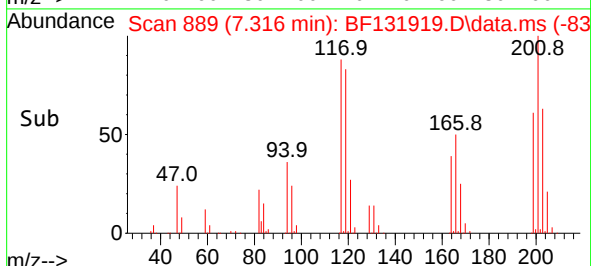
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

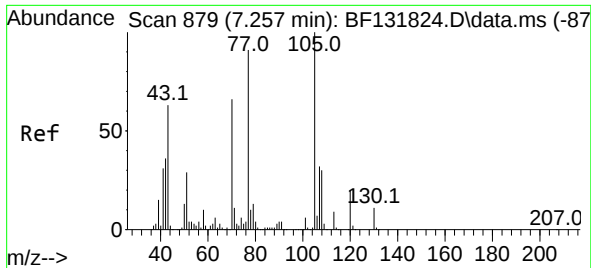


#18
Hexachloroethane
Concen: 42.487 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



Tgt Ion:117 Resp: 87569
Ion Ratio Lower Upper
117 100
119 94.6 76.5 114.7
201 113.3 81.7 122.5





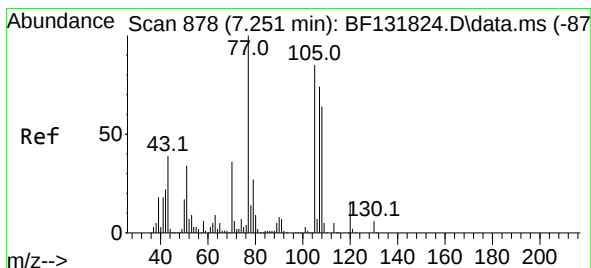
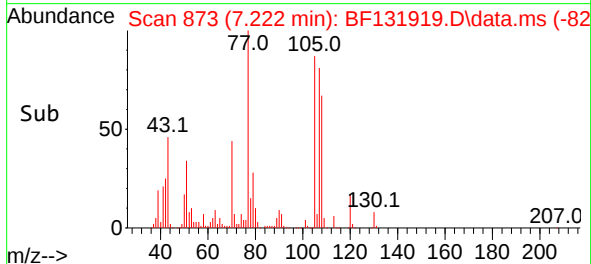
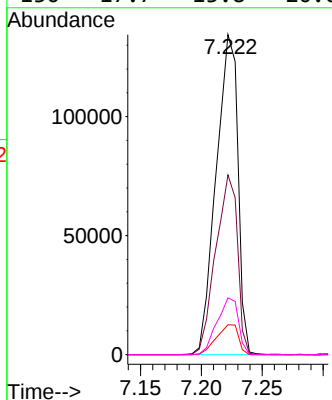
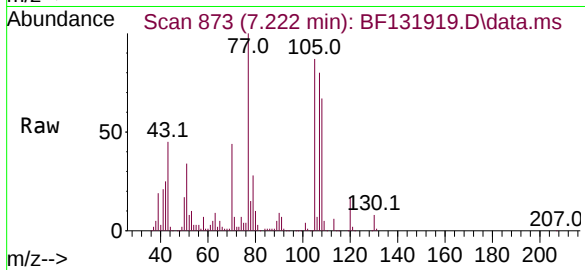
#19
n-Nitroso-di-n-propylamine
Concen: 42.787 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :
BNA_F
ClientSampleId :
TP-205MSD

Tgt Ion: 70 Resp: 167010
Ion Ratio Lower Upper
70 100
42 56.1 43.8 65.6
101 9.3 7.4 11.0
130 17.7 13.8 20.6

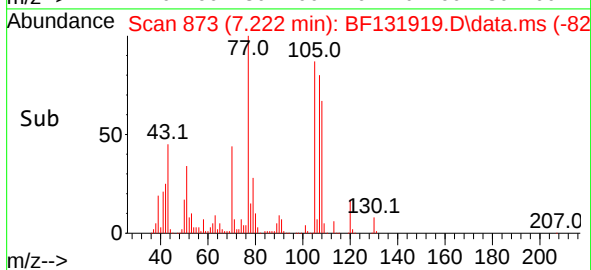
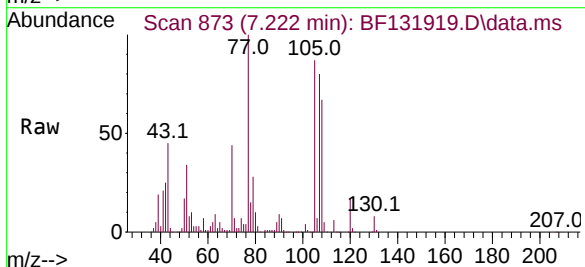
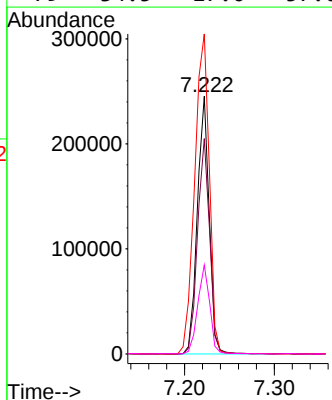
Manual Integrations
APPROVED

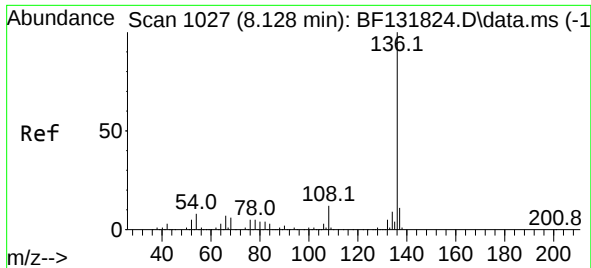
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#20
3+4-Methylphenols
Concen: 42.655 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion:107 Resp: 225498
Ion Ratio Lower Upper
107 100
108 83.6 67.1 107.1
77 124.2 114.9 154.9
79 34.5 17.0 57.0





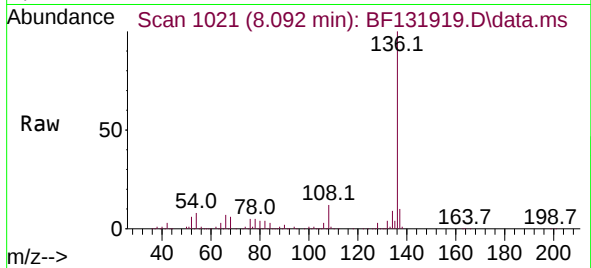
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

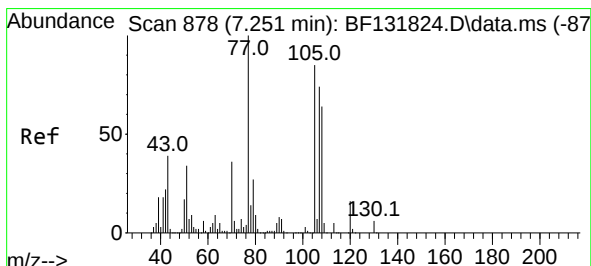
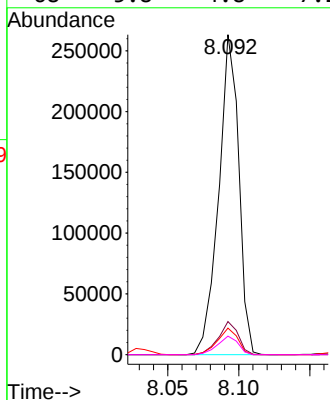
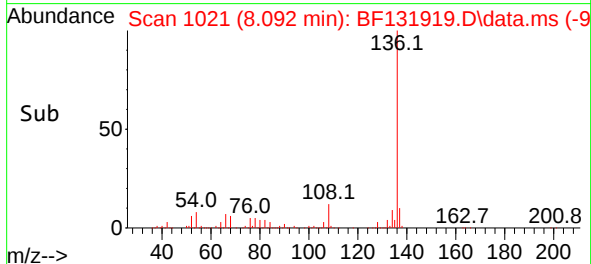


Tgt Ion:136 Resp: 258618
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 8.3 6.7 10.1
68 5.8 4.8 7.2

Manual Integrations

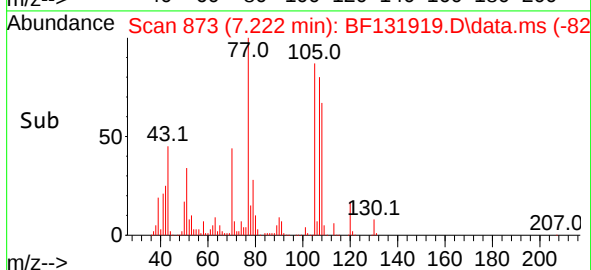
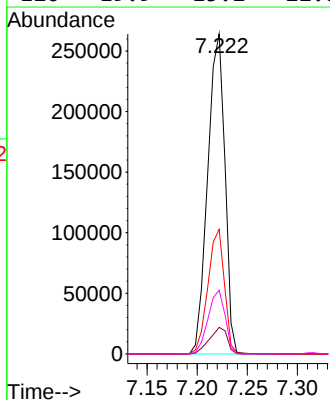
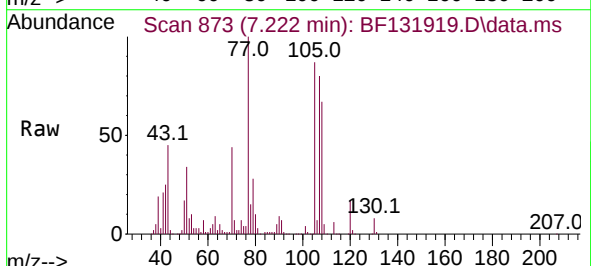
APPROVED

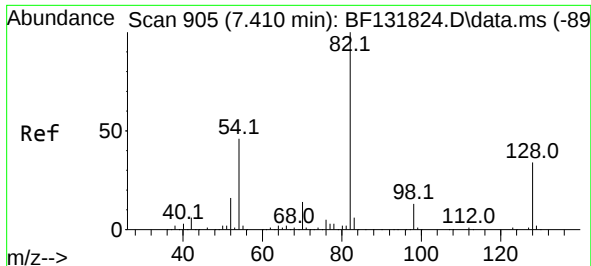
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#22
Acetophenone
Concen: 41.433 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion:105 Resp: 314146
Ion Ratio Lower Upper
105 100
71 8.3 5.4 8.0#
51 38.9 31.9 47.9
120 19.9 15.2 22.8





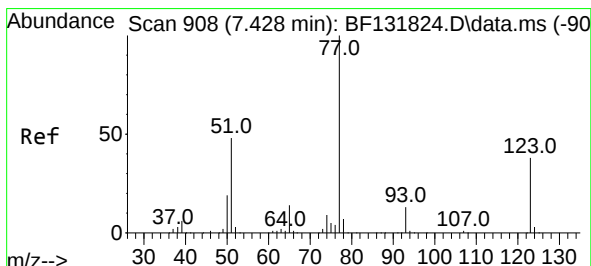
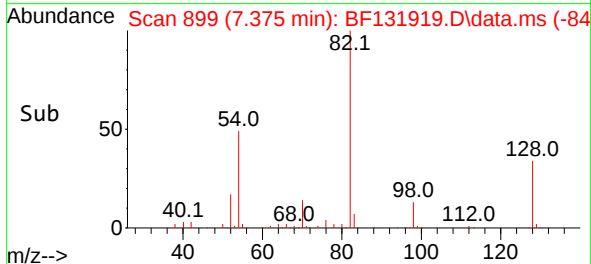
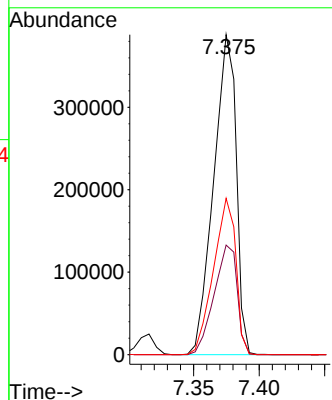
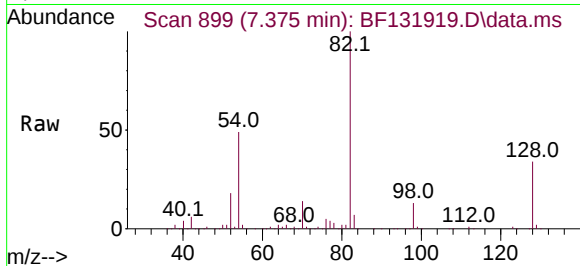
#23
Nitrobenzene-d5
Concen: 71.785 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :
BNA_F
ClientSampleId :
TP-205MSD

Tgt Ion: 82 Resp: 464984
Ion Ratio Lower Upper
82 100
128 34.2 27.1 40.7
54 48.8 37.0 55.6

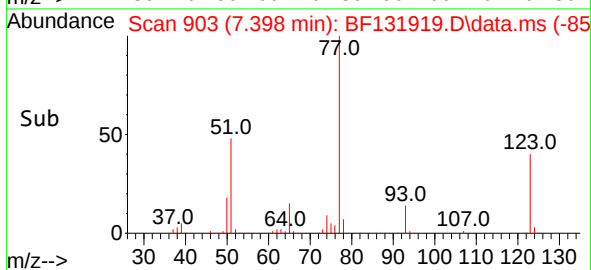
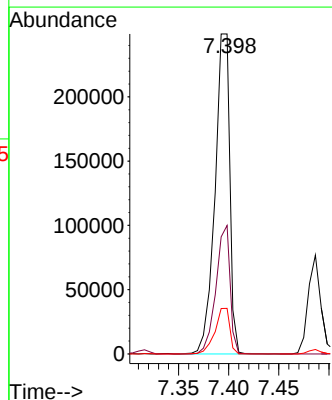
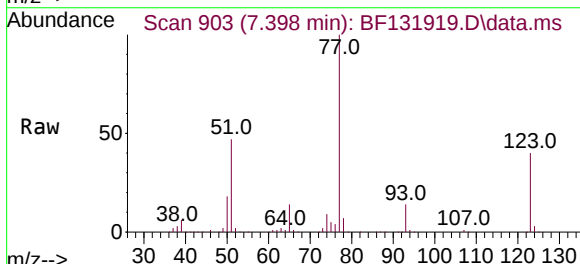
Manual Integrations
APPROVED

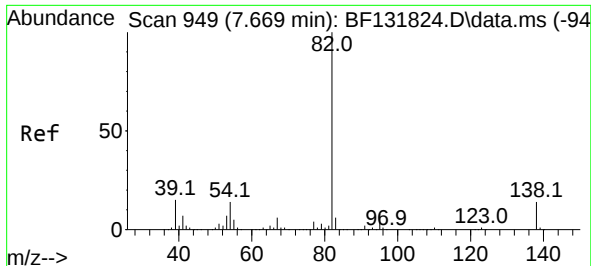
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#24
Nitrobenzene
Concen: 39.588 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion: 77 Resp: 256990
Ion Ratio Lower Upper
77 100
123 40.1 30.4 45.6
65 14.3 11.1 16.7





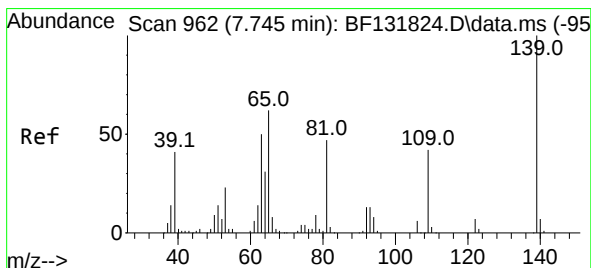
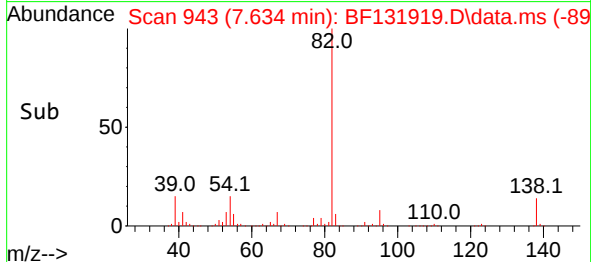
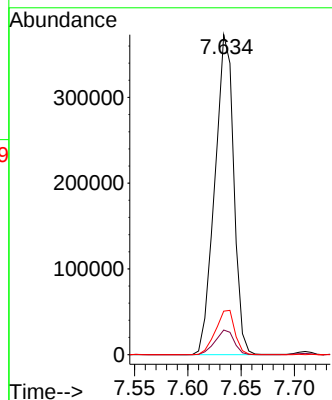
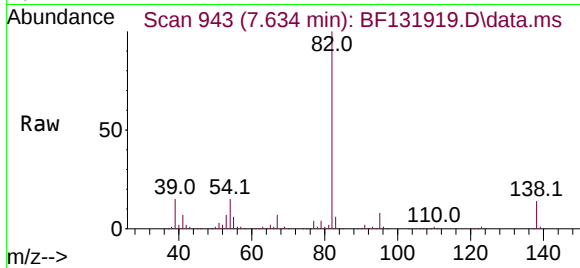
#25
Isophorone
Concen: 43.667 ng
RT: 7.634 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :
BNA_F
ClientSampleId :
TP-205MSD

Tgt Ion: 82 Resp: 46191
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 13.6 11.5 17.3

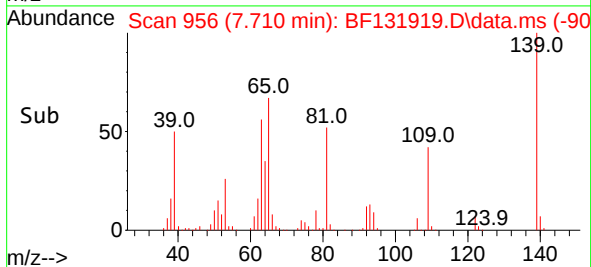
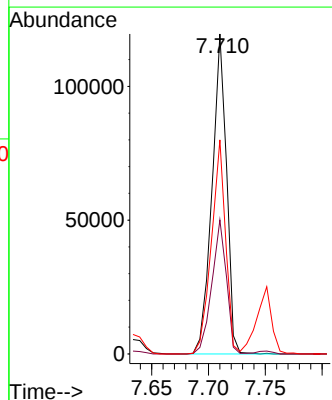
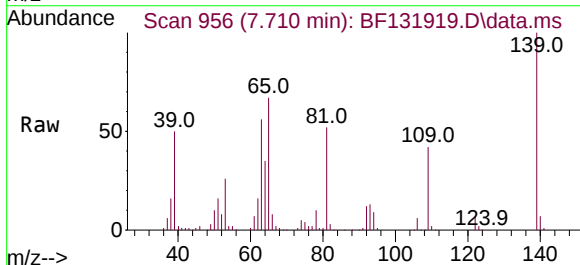
Manual Integrations
APPROVED

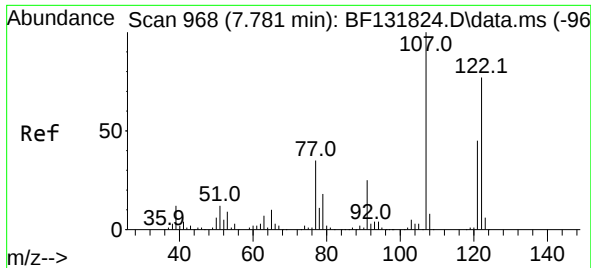
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#26
2-Nitrophenol
Concen: 42.140 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

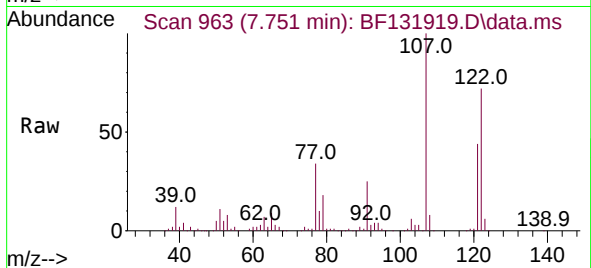
Tgt Ion:139 Resp: 106360
Ion Ratio Lower Upper
139 100
109 41.9 33.7 50.5
65 66.9 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 49.377 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

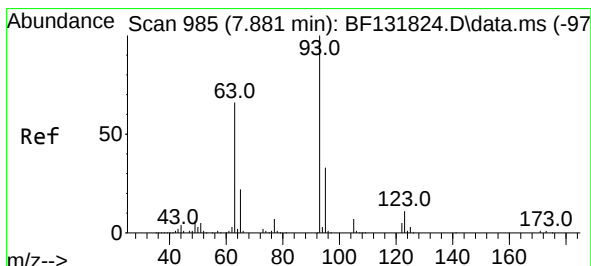
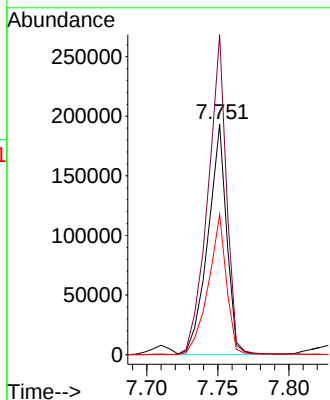
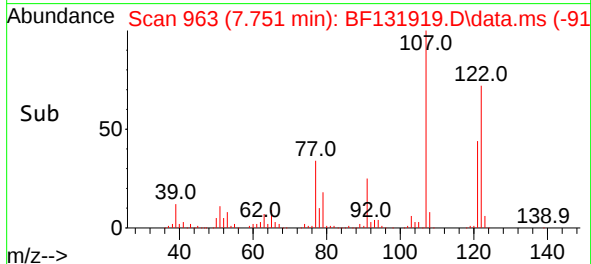
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



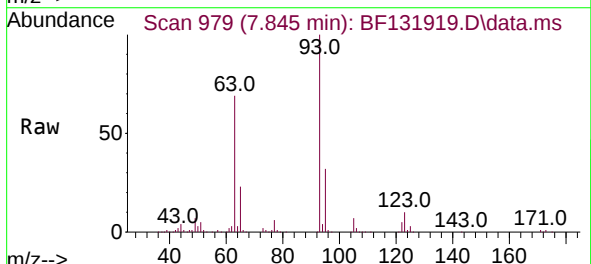
Tgt Ion:122 Resp: 177772
Ion Ratio Lower Upper
122 100
107 138.7 104.4 156.6
121 60.8 46.8 70.2

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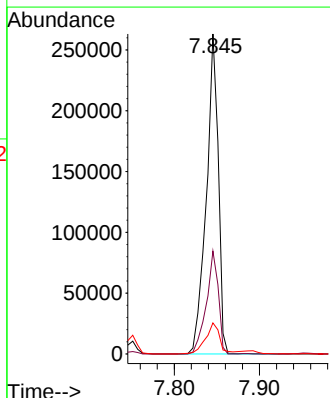
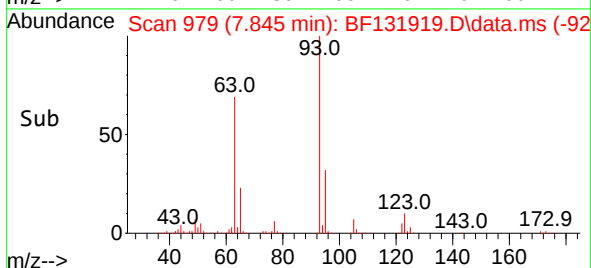
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

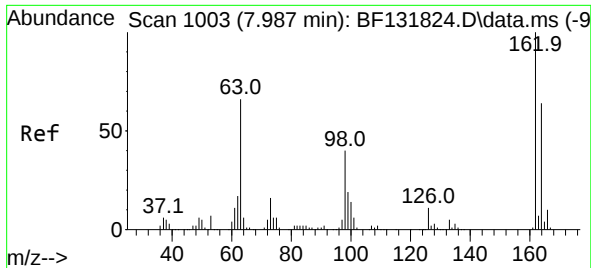


#28
bis(2-Chloroethoxy)methane
Concen: 45.201 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



Tgt Ion: 93 Resp: 256516
Ion Ratio Lower Upper
93 100
95 32.1 26.3 39.5
123 9.7 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.601 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

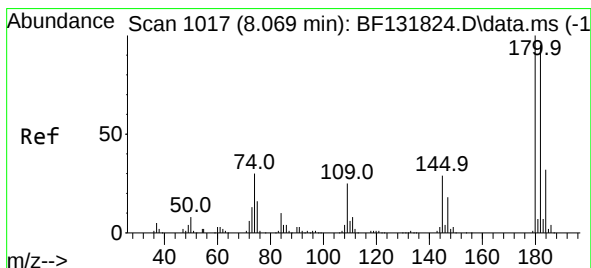
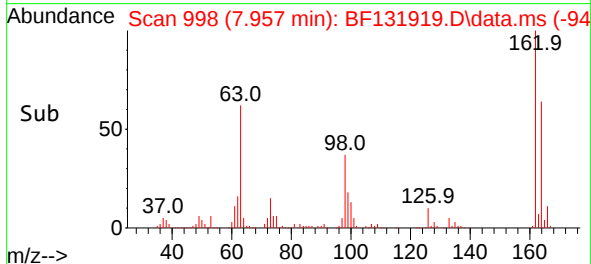
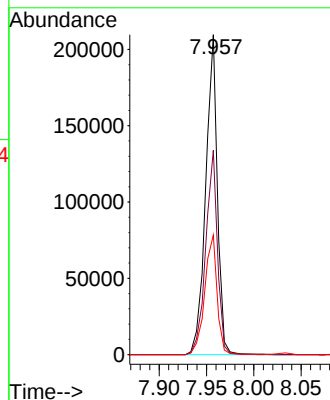
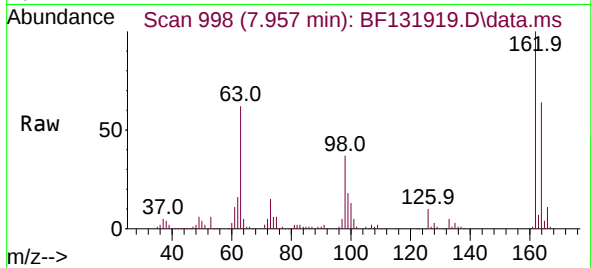
Tgt Ion:162 Resp: 180446
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.1 84.1
 98 37.4 19.9 59.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.127 ng

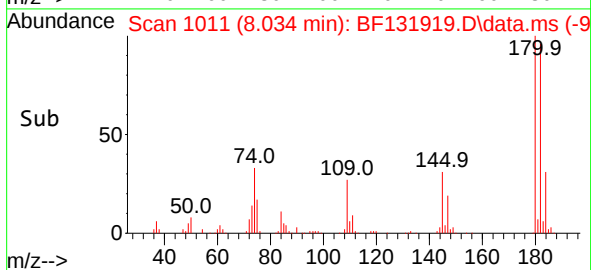
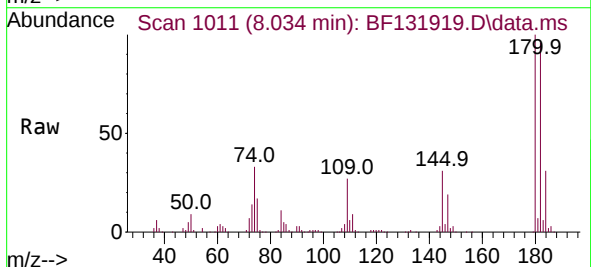
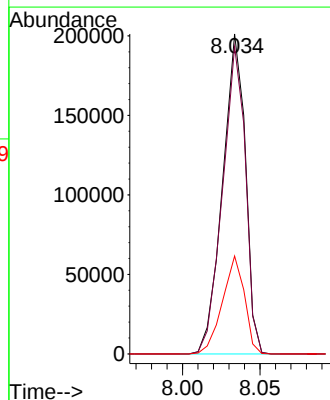
RT: 8.034 min Scan# 1011

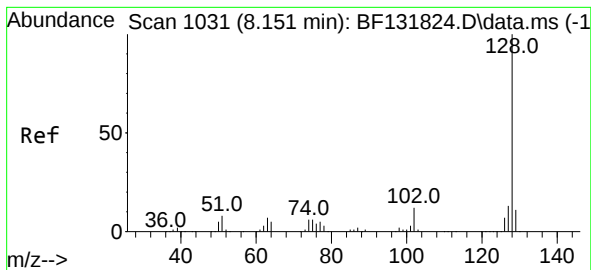
Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Tgt Ion:180 Resp: 206364
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.4
 145 30.6 23.3 34.9





#31

Naphthalene

Concen: 39.447 ng

RT: 8.116 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

Tgt Ion:128 Resp: 558703

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

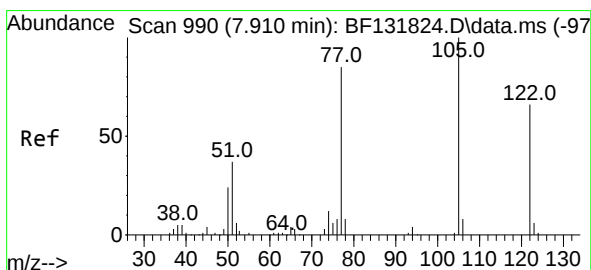
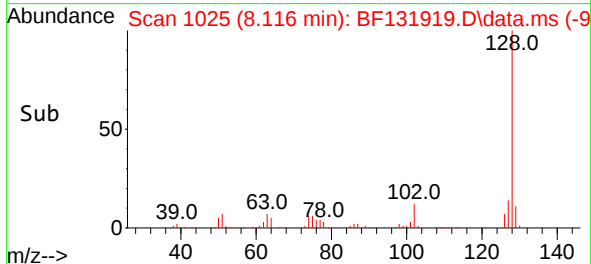
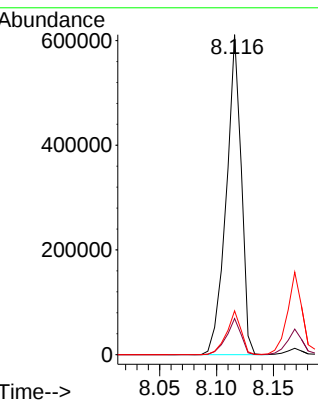
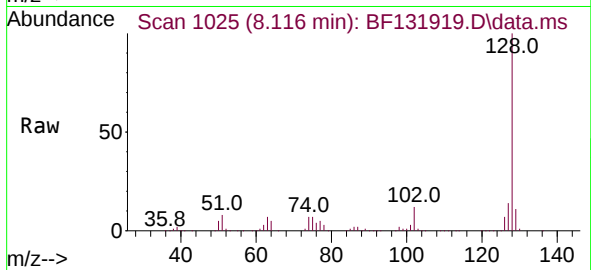
127 13.7 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#32

Benzoic acid

Concen: 38.616 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.012 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

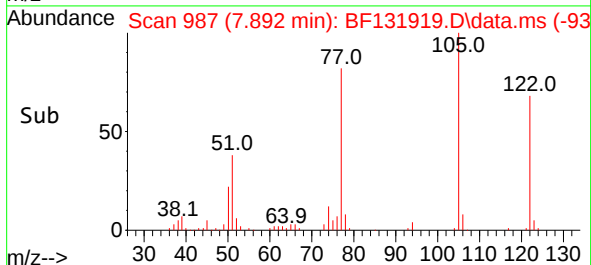
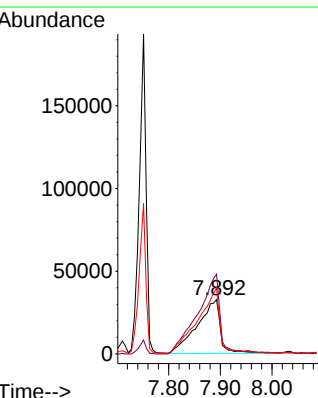
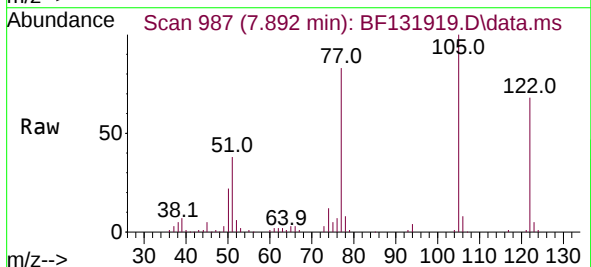
Tgt Ion:122 Resp: 101617

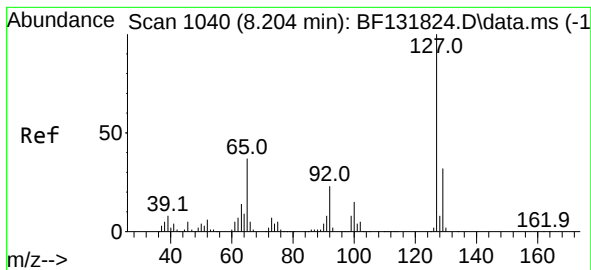
Ion Ratio Lower Upper

122 100

105 147.4 127.9 167.9

77 121.9 106.9 146.9





#33
4-Chloroaniline
Concen: 27.975 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

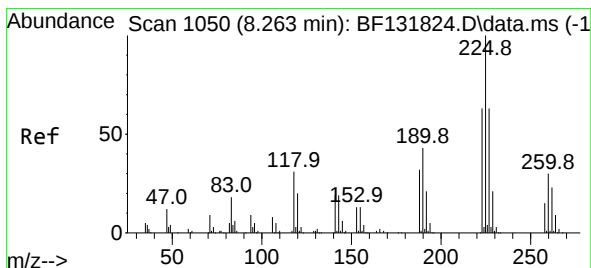
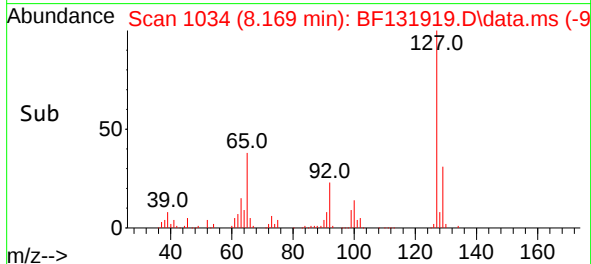
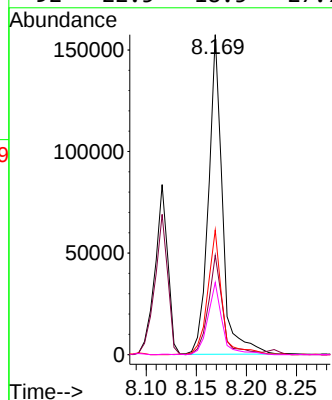
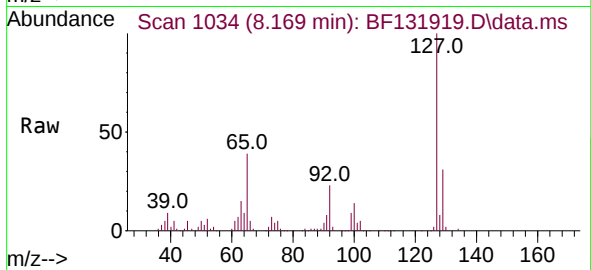
TP-205MSD

Tgt Ion:127 Resp: 152028
Ion Ratio Lower Upper
127 100
129 31.0 25.8 38.8
65 38.9 29.7 44.5
92 22.5 18.5 27.7

Manual Integrations

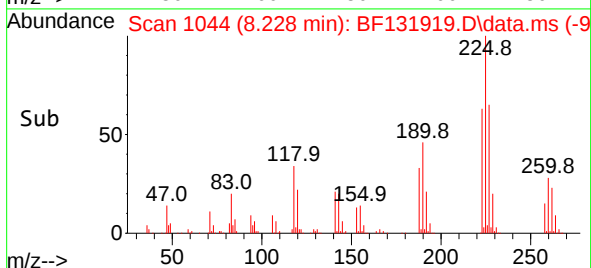
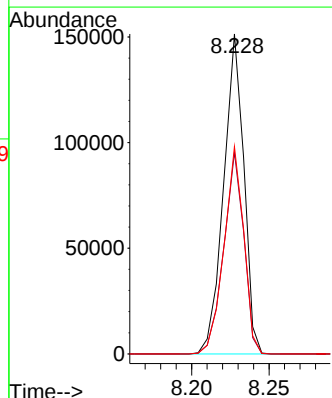
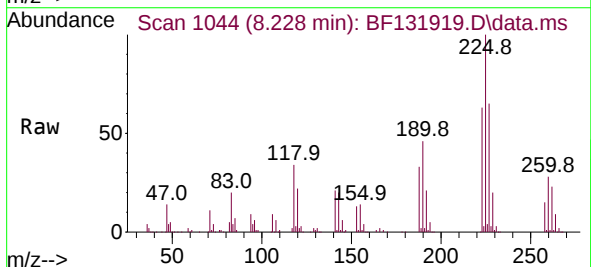
APPROVED

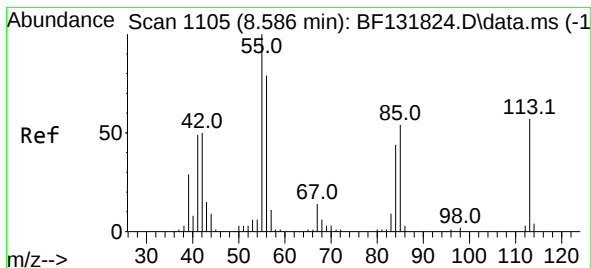
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#34
Hexachlorobutadiene
Concen: 39.108 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion:225 Resp: 137600
Ion Ratio Lower Upper
225 100
223 62.9 50.0 75.0
227 64.8 50.8 76.2





#35

Caprolactam

Concen: 42.085 ng m

RT: 8.551 min Scan# 1099

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

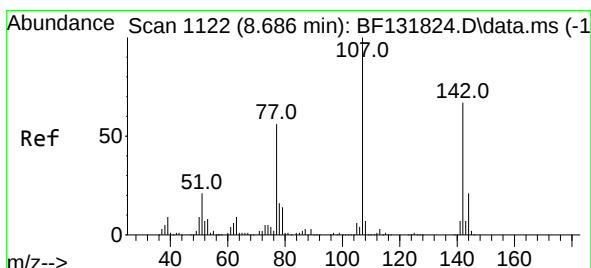
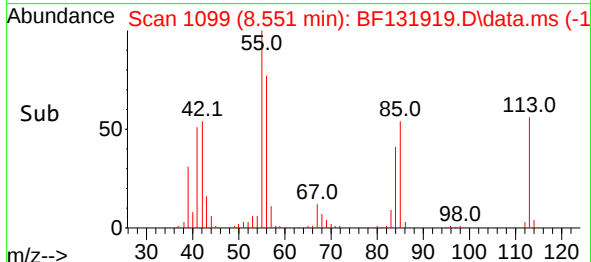
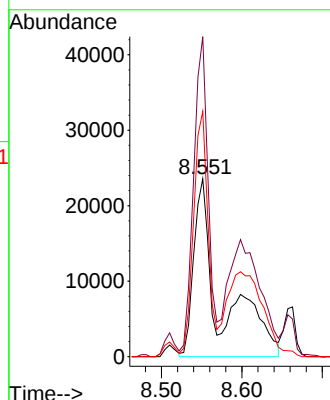
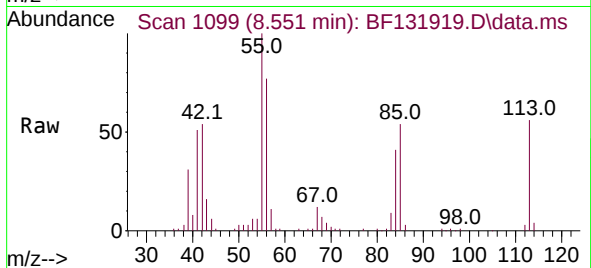
TP-205MSD

Tgt Ion:	113	Resp:	5404
Ion Ratio	Lower	Upper	
113	100		
55	179.9	153.3	193.3
56	137.9	116.3	156.3

Manual Integrations

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



#36

4-Chloro-3-methylphenol

Concen: 42.775 ng

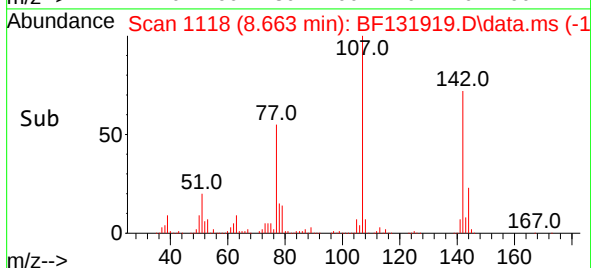
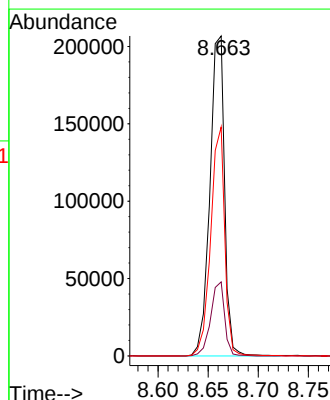
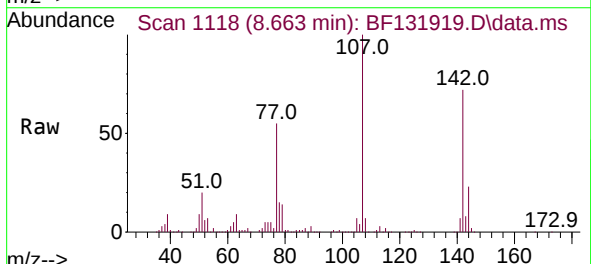
RT: 8.663 min Scan# 1118

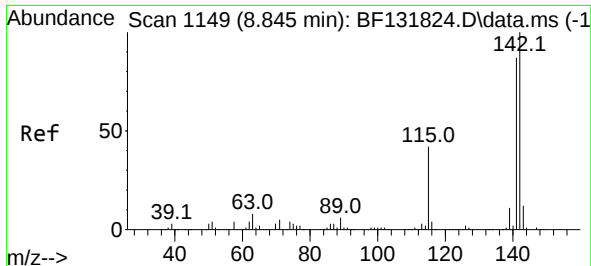
Delta R.T. 0.006 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Tgt Ion:	107	Resp:	209694
Ion Ratio	Lower	Upper	
107	100		
144	23.1	16.8	25.2
142	71.5	53.8	80.8





#37

2-Methylnaphthalene

Concen: 40.381 ng

RT: 8.810 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

Tgt Ion:142 Resp: 383850

Ion Ratio Lower Upper

142 100

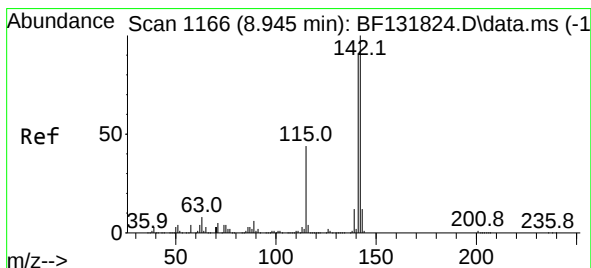
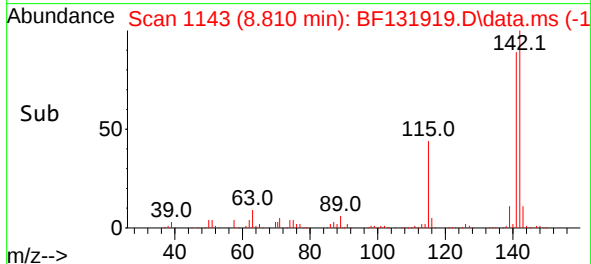
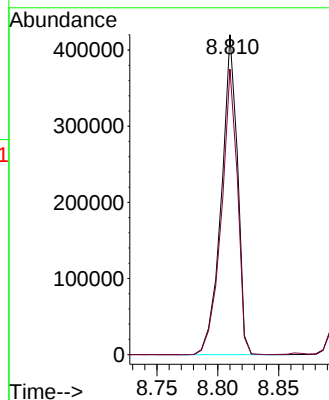
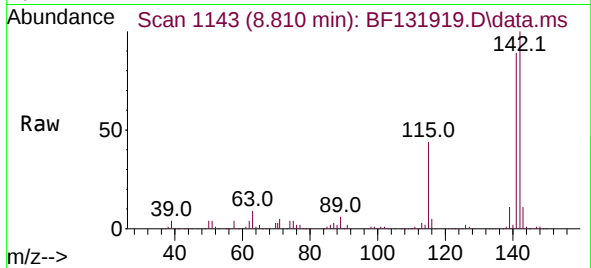
141 89.2 69.8 104.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#38

1-Methylnaphthalene

Concen: 38.174 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF131919.D

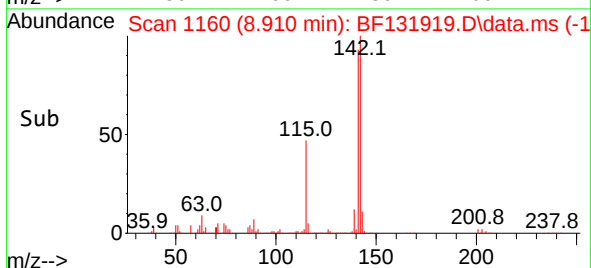
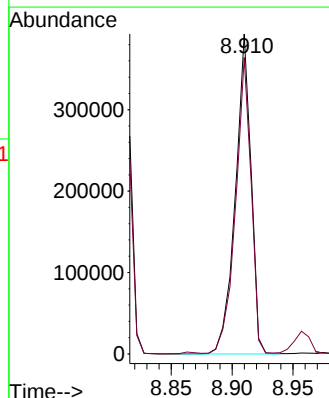
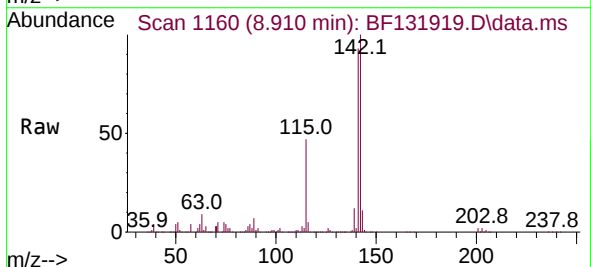
Acq: 05 Jan 2023 17:23

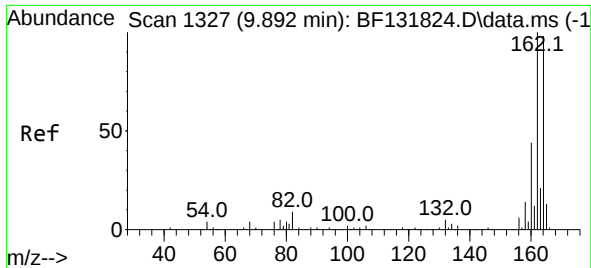
Tgt Ion:142 Resp: 352467

Ion Ratio Lower Upper

142 100

141 92.6 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: BF131919.D

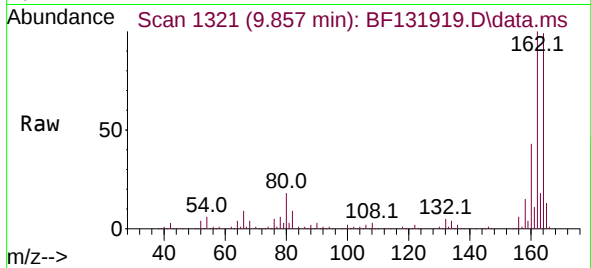
Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD



Tgt Ion:164 Resp: 151536

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

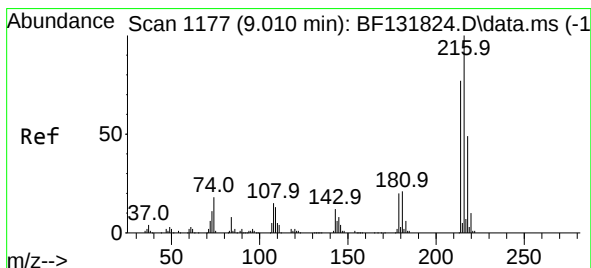
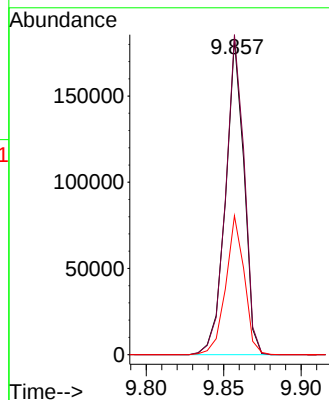
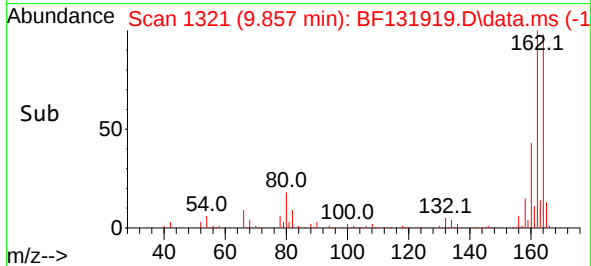
160 44.0 35.7 53.5

Manual Integrations

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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: 41.646 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Tgt Ion:216 Resp: 221588

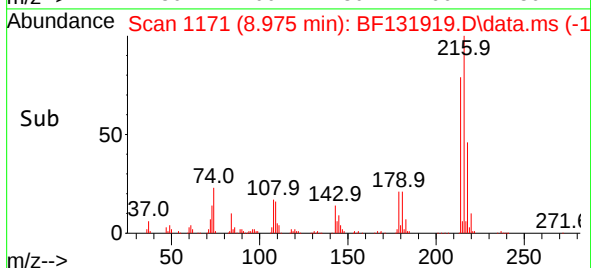
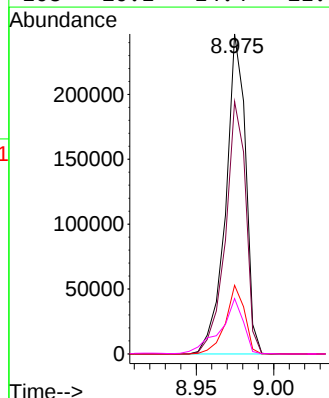
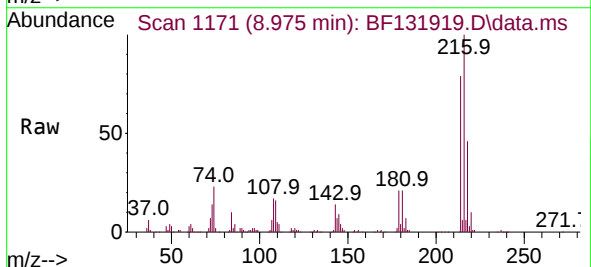
Ion Ratio Lower Upper

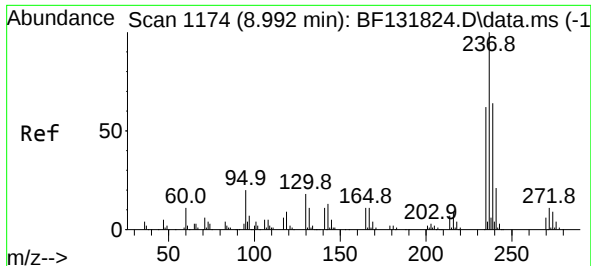
216 100

214 79.9 63.0 94.4

179 20.5 16.4 24.6

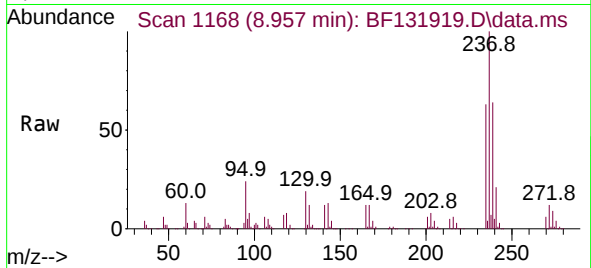
108 20.1 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 92.844 ng
RT: 8.957 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

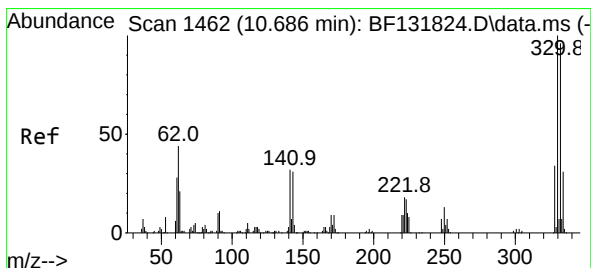
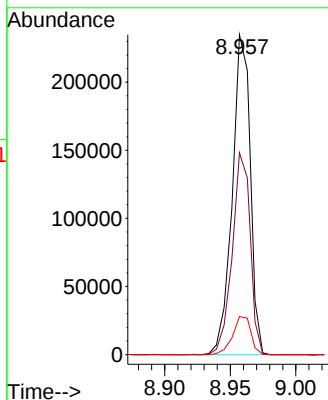
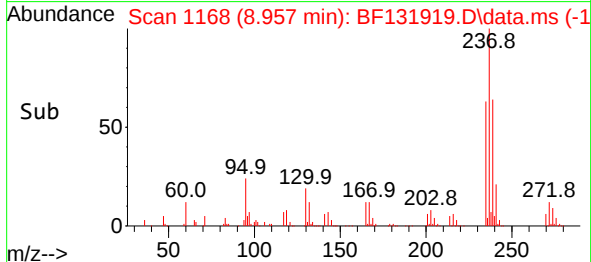
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



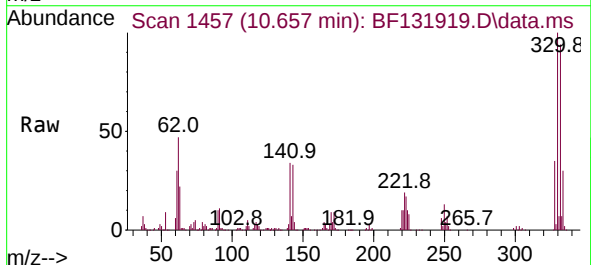
Tgt Ion: 237 Resp: 223529
Ion Ratio Lower Upper
237 100
235 63.1 42.3 82.3
272 11.9 0.0 31.4

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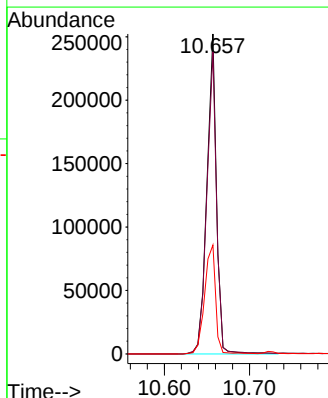
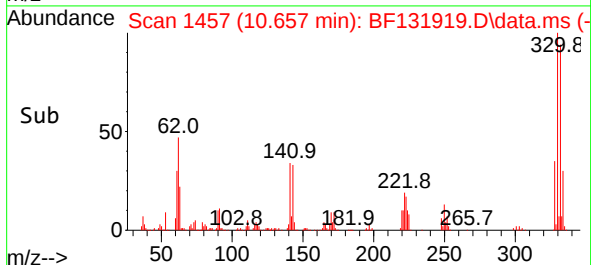
Reviewed By : Christian Giraldo 01/06/2023
Supervised By : Jagrut Upadhyay 01/06/2023

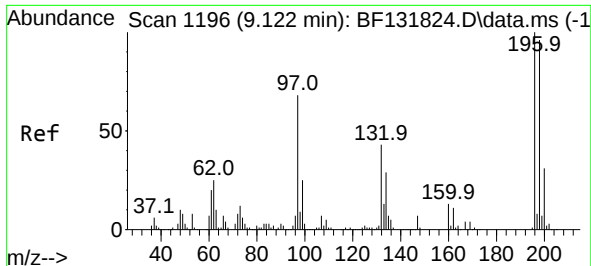


#42
2,4,6-Tribromophenol
Concen: 119.971 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



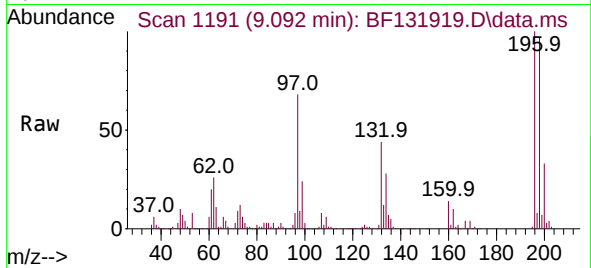
Tgt Ion: 330 Resp: 197525
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 39.1 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 40.116 ng
RT: 9.092 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

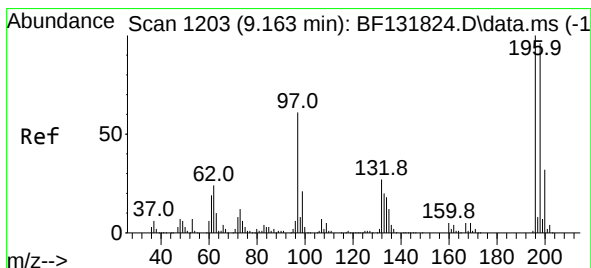
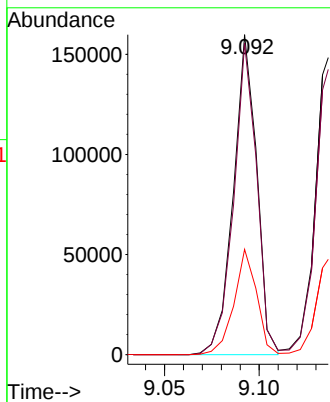
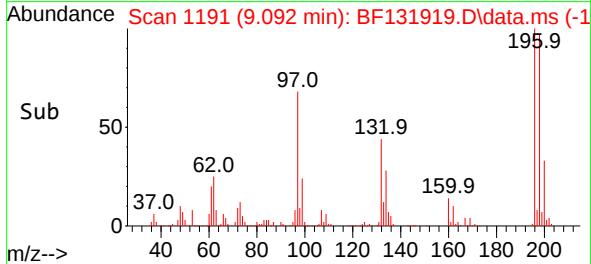
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



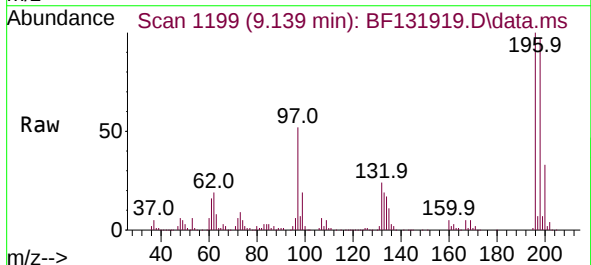
Tgt Ion:196 Resp: 136709
Ion Ratio Lower Upper
196 100
198 97.3 76.5 114.7
200 32.9 24.5 36.7

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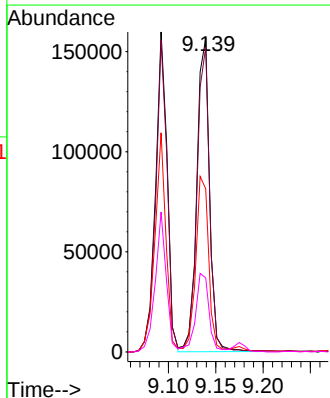
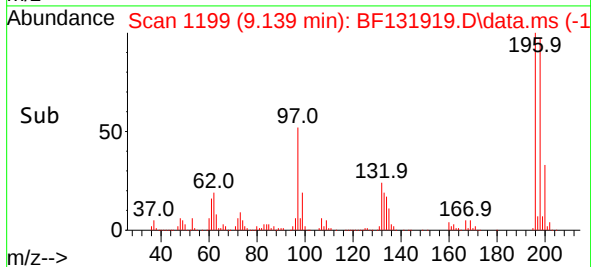
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

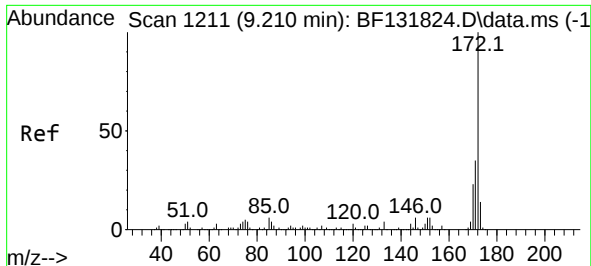


#44
2,4,5-Trichlorophenol
Concen: 39.751 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



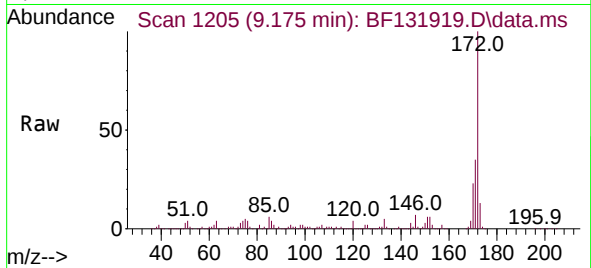
Tgt Ion:196 Resp: 146434
Ion Ratio Lower Upper
196 100
198 97.3 76.6 115.0
97 52.1 49.3 73.9
132 23.6 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 72.085 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

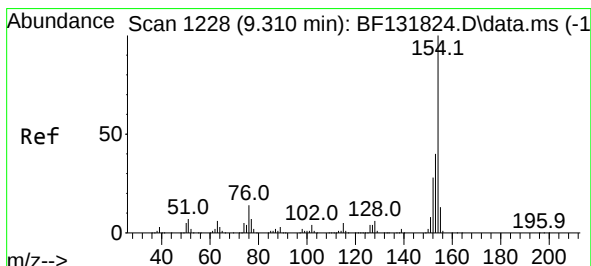
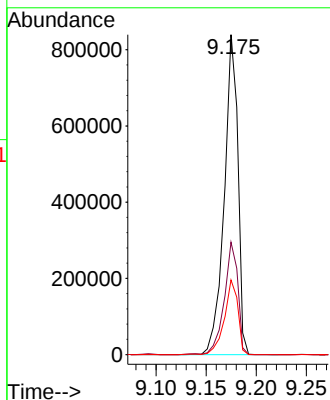
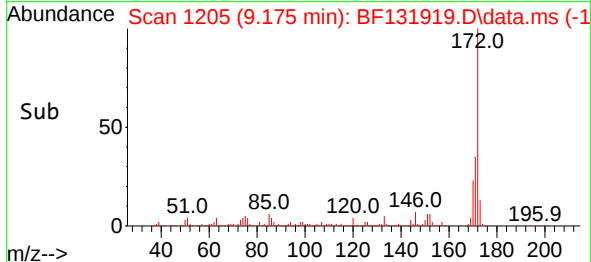
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



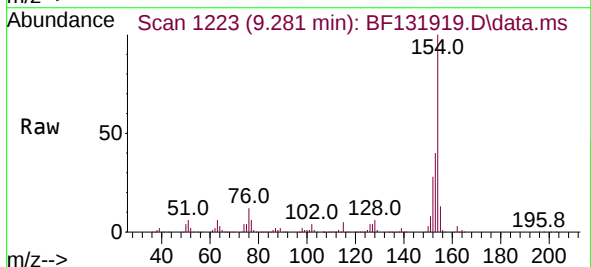
Tgt Ion:172 Resp: 797494
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.4 18.7 28.1

Manual Integrations
APPROVED

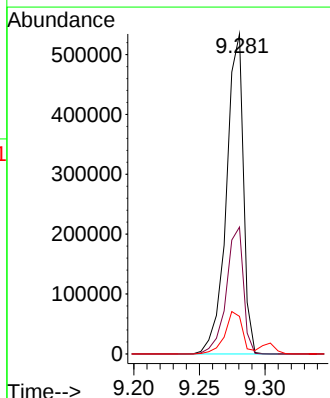
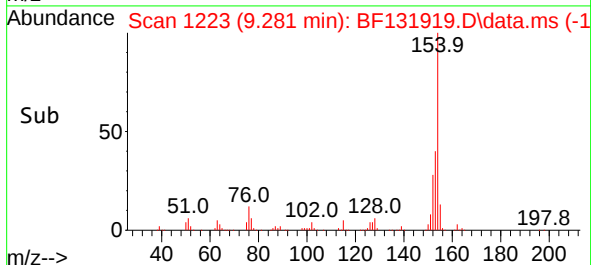
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

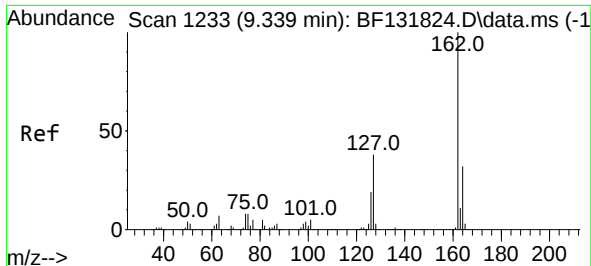


#46
1,1'-Biphenyl
Concen: 41.614 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



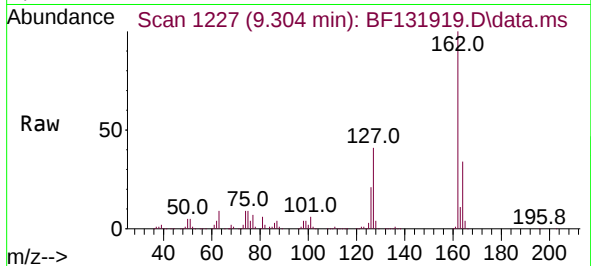
Tgt Ion:154 Resp: 482786
Ion Ratio Lower Upper
154 100
153 39.6 19.8 59.8
76 11.7 0.0 33.9





#47
2-Chloronaphthalene
Concen: 40.353 ng
RT: 9.304 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

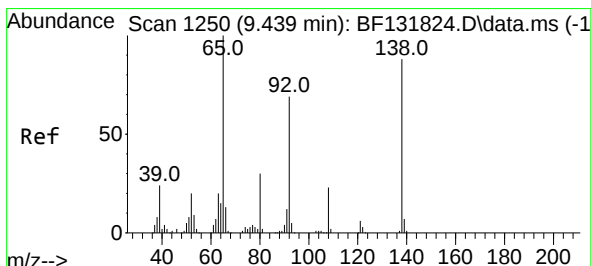
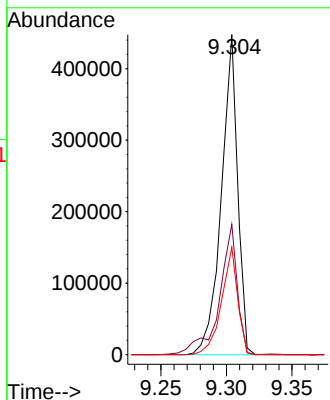
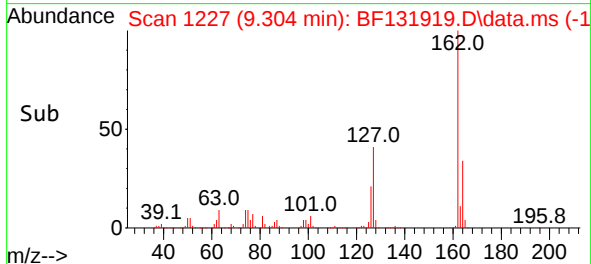
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



Tgt Ion:162 Resp: 387313
Ion Ratio Lower Upper
162 100
127 40.7 31.0 46.6
164 33.5 25.9 38.9

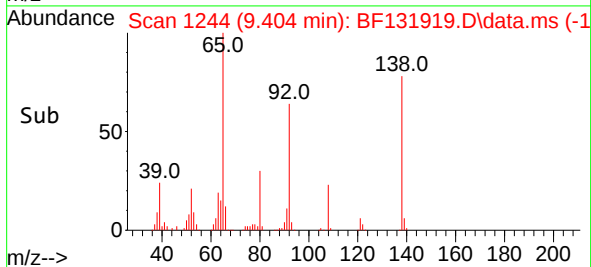
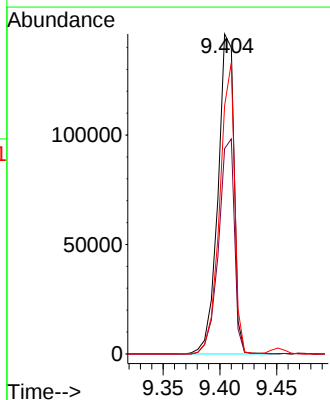
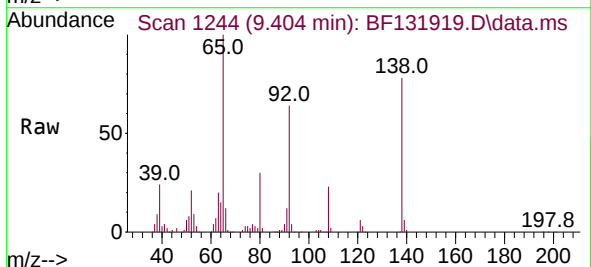
Manual Integrations
APPROVED

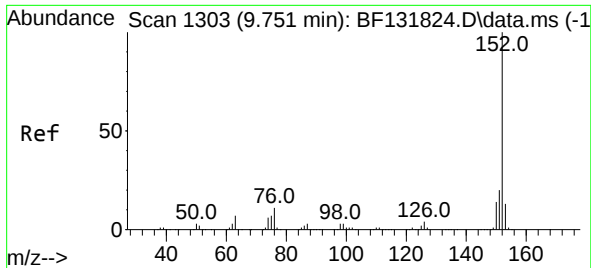
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#48
2-Nitroaniline
Concen: 40.804 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

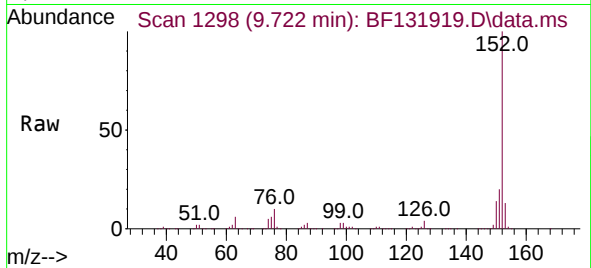
Tgt Ion: 65 Resp: 143552
Ion Ratio Lower Upper
65 100
92 64.1 55.0 82.6
138 77.6 70.4 105.6





#49
Acenaphthylene
Concen: 41.296 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

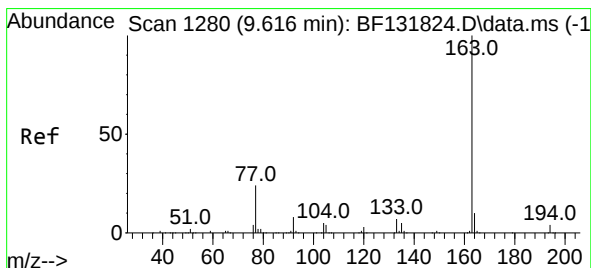
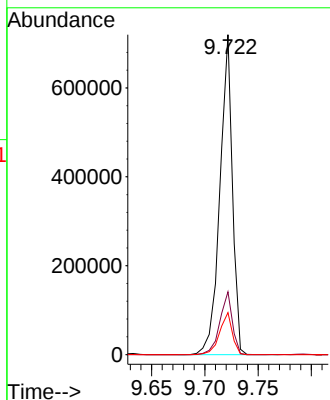
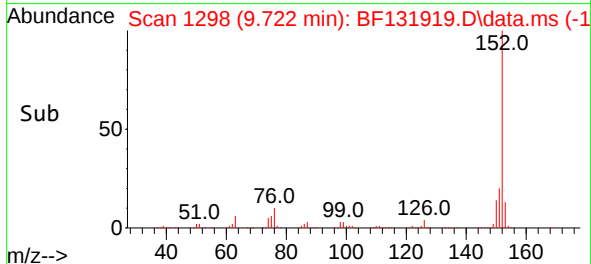
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



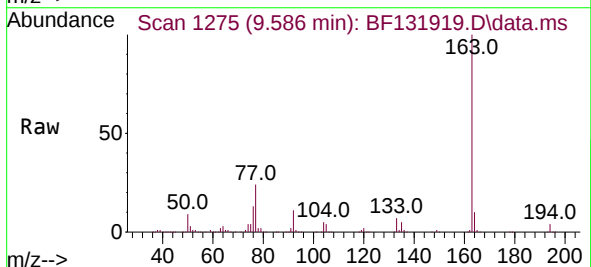
Tgt Ion:152 Resp: 590198
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.1 10.2 15.4

Manual Integrations
APPROVED

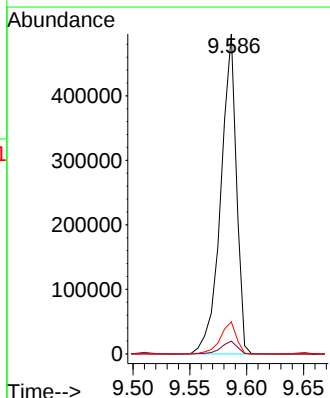
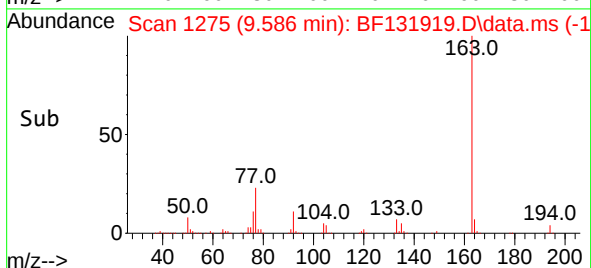
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

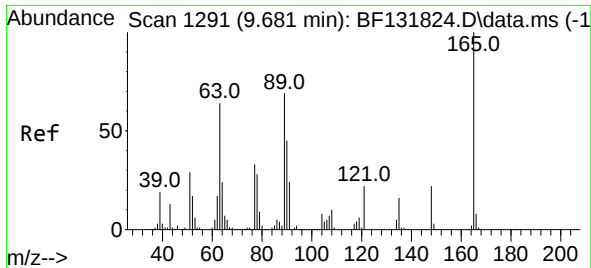


#50
Dimethylphthalate
Concen: 41.408 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



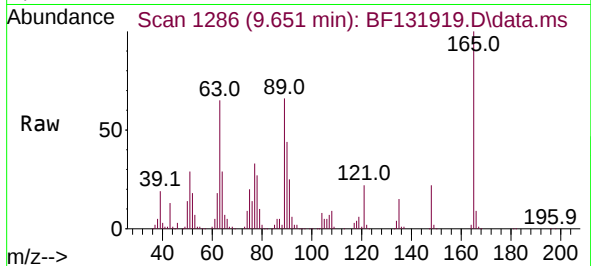
Tgt Ion:163 Resp: 474704
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.0 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 41.698 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

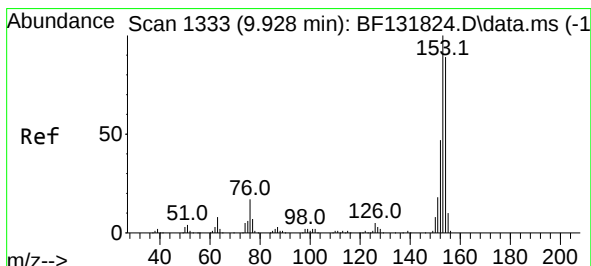
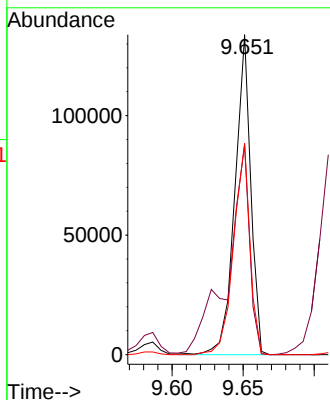
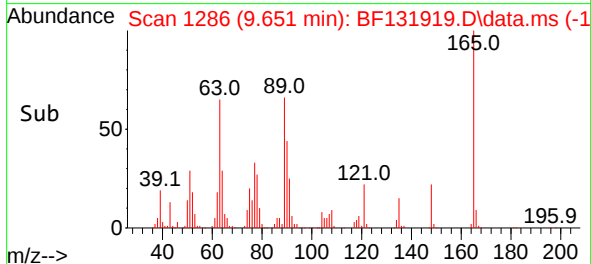
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



Tgt Ion:165 Resp: 103483
Ion Ratio Lower Upper
165 100
63 65.5 55.1 82.7
89 66.0 55.0 82.4

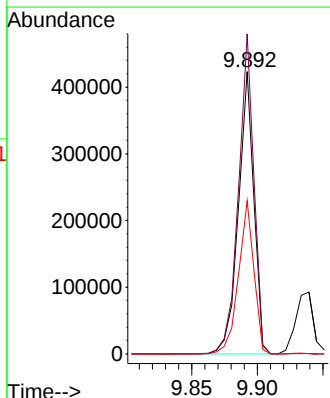
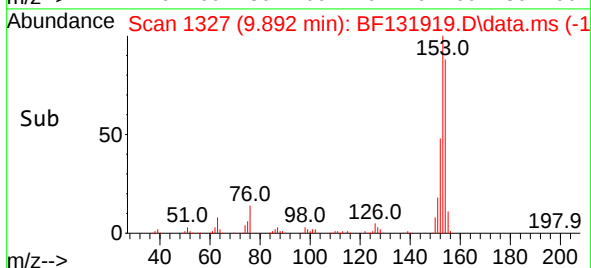
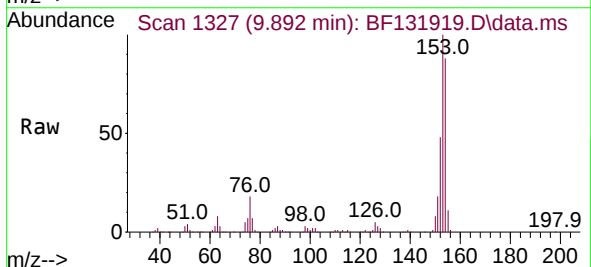
Manual Integrations
APPROVED

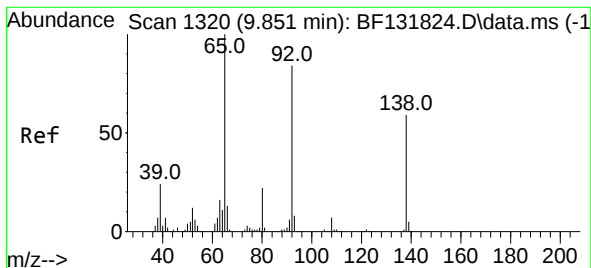
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#52
Acenaphthene
Concen: 40.240 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion:154 Resp: 347095
Ion Ratio Lower Upper
154 100
153 113.3 90.2 135.2
152 54.3 42.5 63.7





#53

3-Nitroaniline

Concen: 28.791 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

Tgt Ion:138 Resp: 72803

Ion Ratio Lower Upper

138 100

108 11.2 9.3 13.9

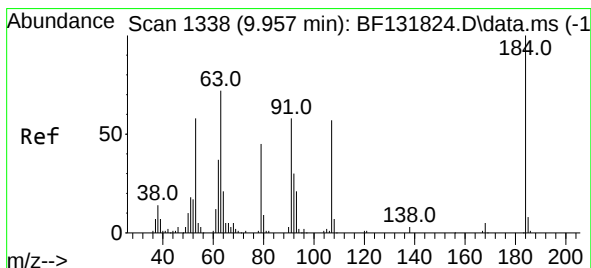
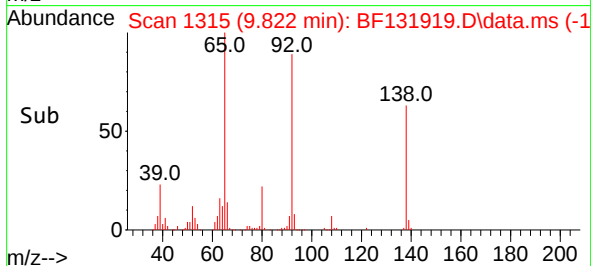
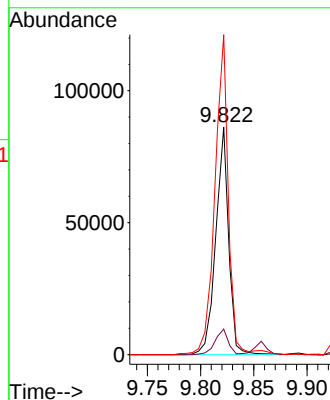
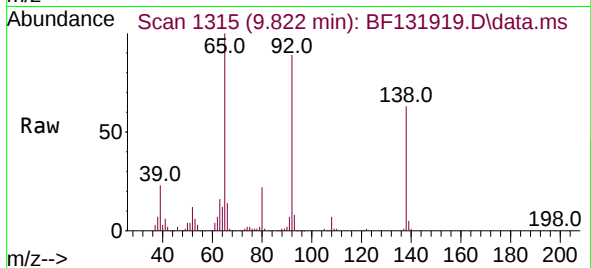
92 140.7 113.9 170.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#54

2,4-Dinitrophenol

Concen: 82.114 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

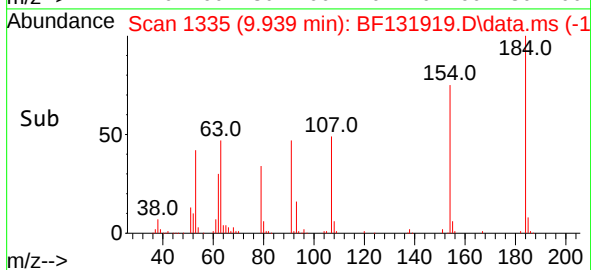
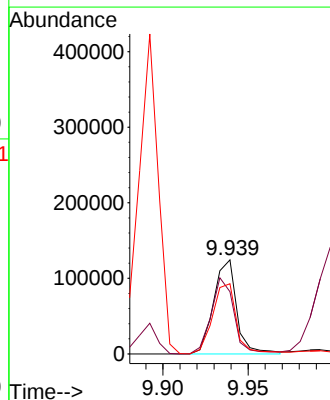
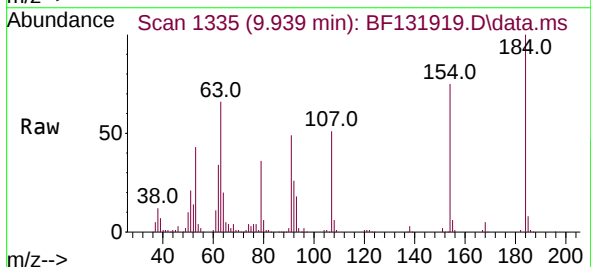
Tgt Ion:184 Resp: 117272

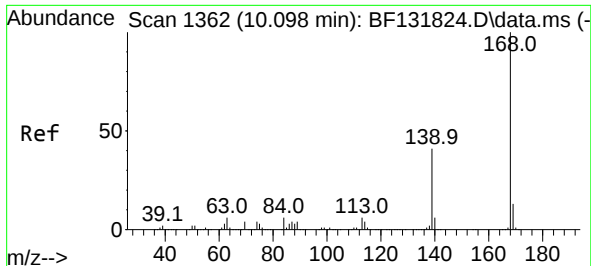
Ion Ratio Lower Upper

184 100

63 66.2 66.8 100.2#

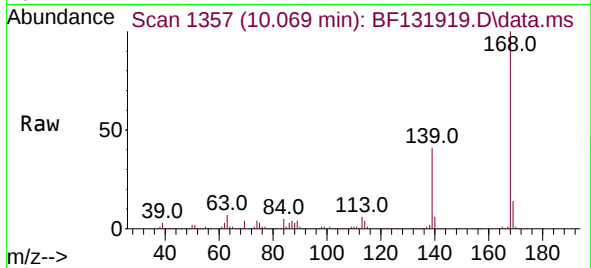
154 74.6 61.6 92.4





#55
Dibenzenofuran
Concen: 40.773 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

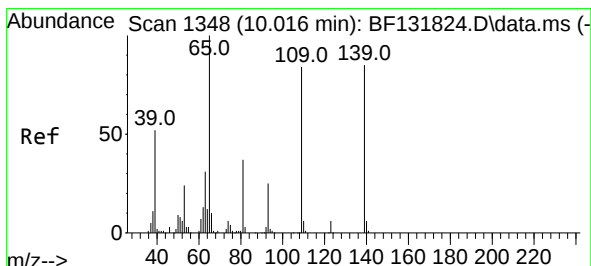
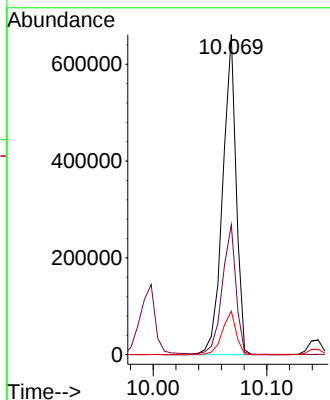
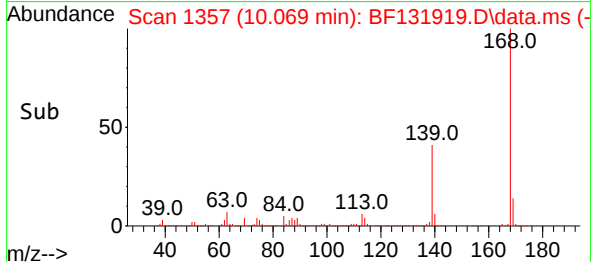
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



Tgt Ion:168 Resp: 541842
Ion Ratio Lower Upper
168 100
139 40.6 32.6 49.0
169 13.6 10.5 15.7

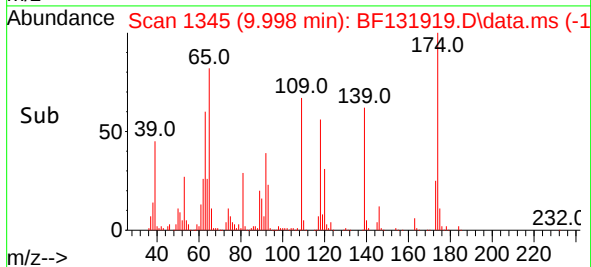
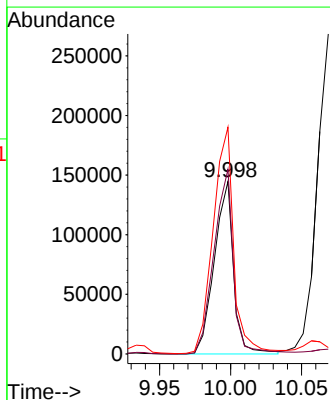
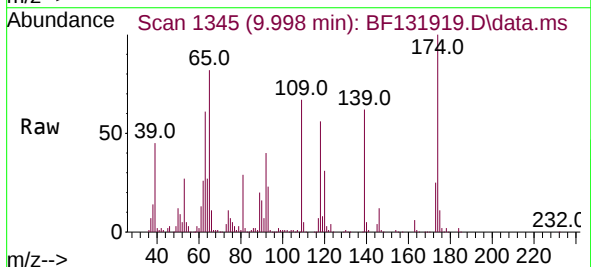
Manual Integrations
APPROVED

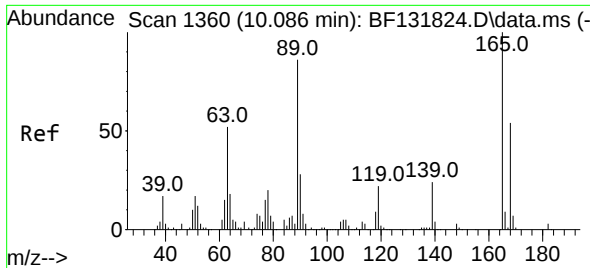
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#56
4-Nitrophenol
Concen: 76.878 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

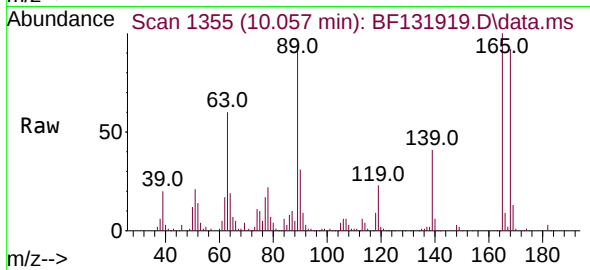
Tgt Ion:139 Resp: 136182
Ion Ratio Lower Upper
139 100
109 107.1 78.5 118.5
65 131.4 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 41.797 ng
RT: 10.057 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

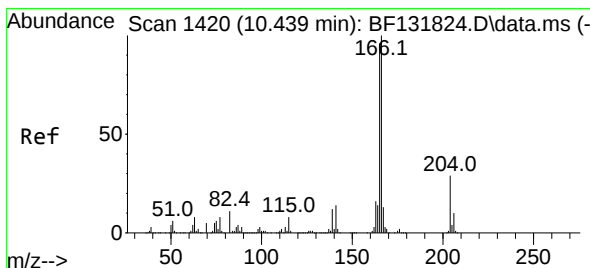
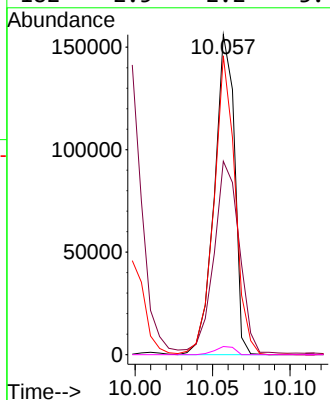
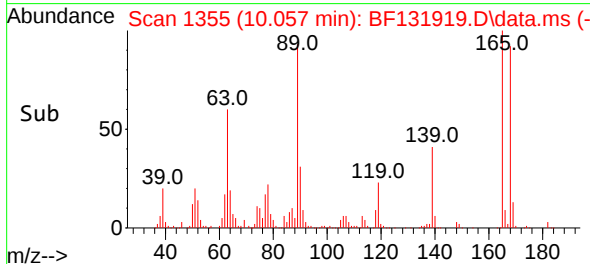
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



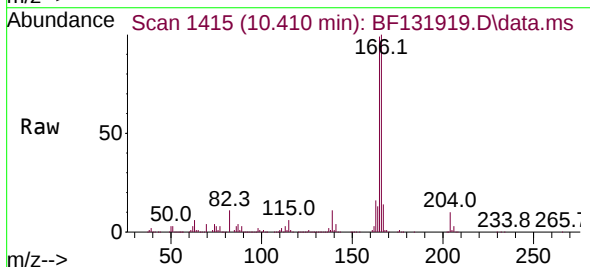
Tgt Ion:165 Resp: 14185
Ion Ratio Lower Upper
165 100
63 60.4 42.1 63.1
89 93.4 69.1 103.7
182 2.5 2.2 3.4

Manual Integrations
APPROVED

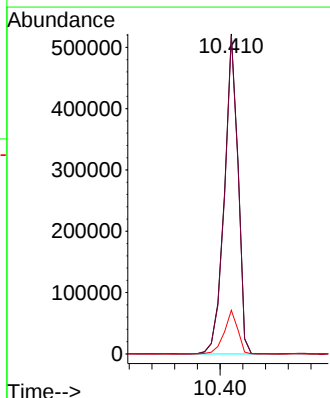
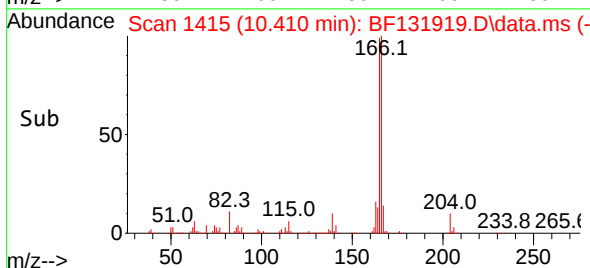
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

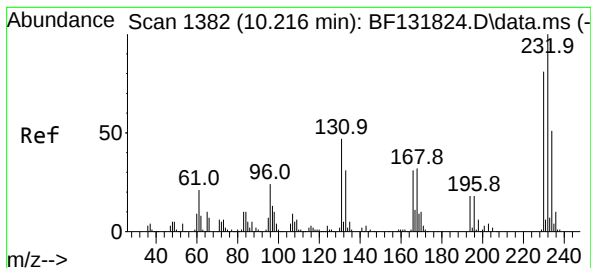


#58
Fluorene
Concen: 39.983 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



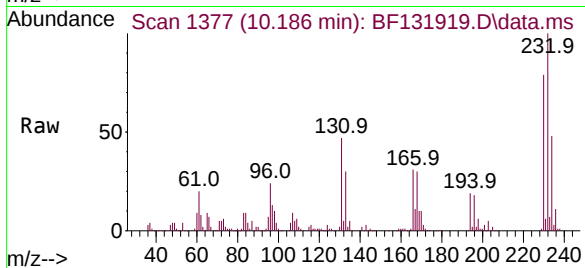
Tgt Ion:166 Resp: 433780
Ion Ratio Lower Upper
166 100
165 99.2 77.0 115.4
167 13.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.623 ng m
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

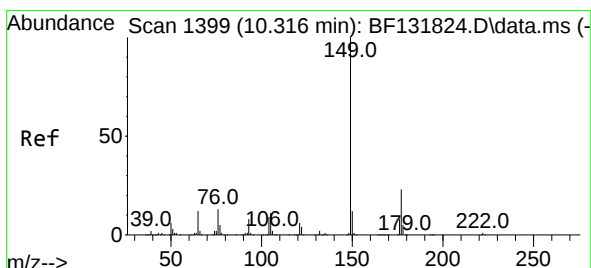
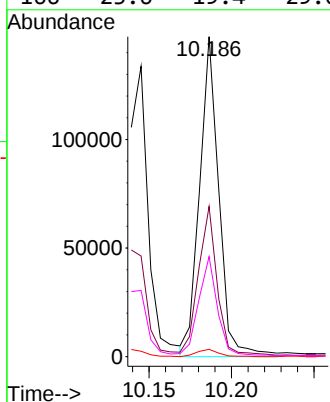
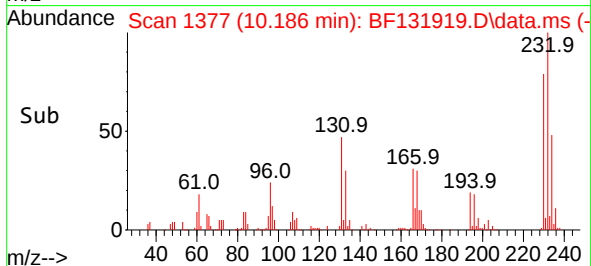
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



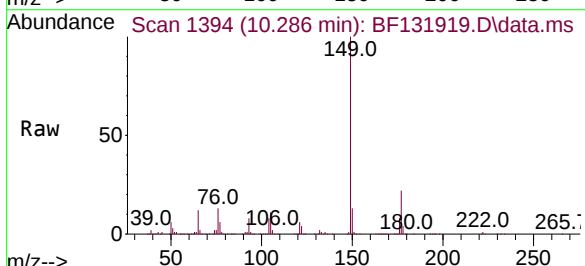
Tgt Ion:232 Resp: 119780
Ion Ratio Lower Upper
232 100
131 38.7 30.1 45.1
130 2.3 1.8 2.6
166 23.6 19.4 29.0

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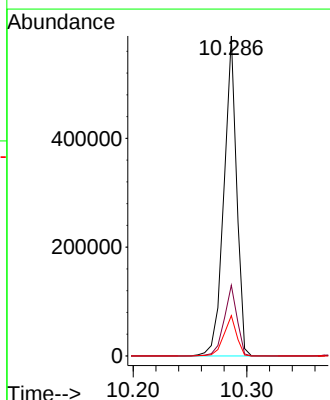
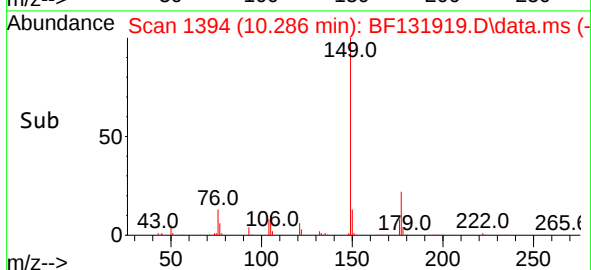
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

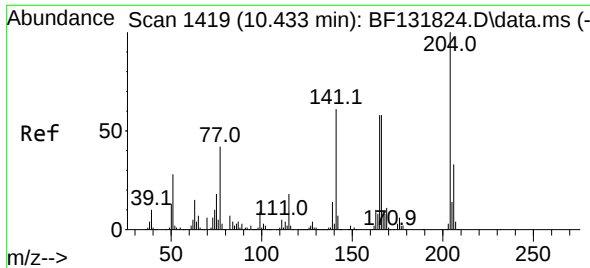


#60
Diethylphthalate
Concen: 41.345 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



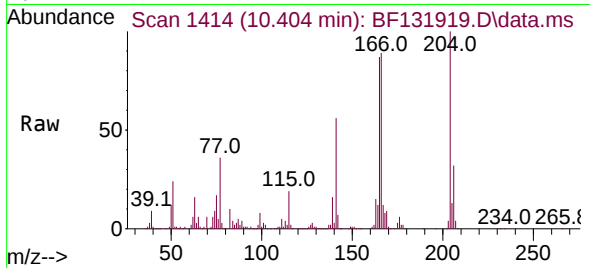
Tgt Ion:149 Resp: 456191
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.218 ng
RT: 10.404 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

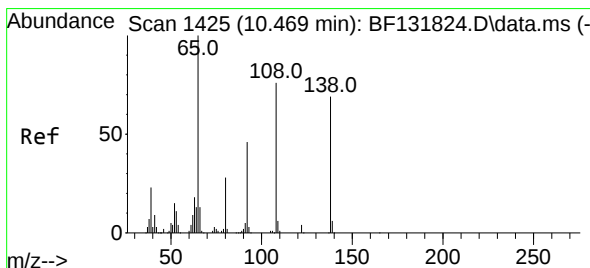
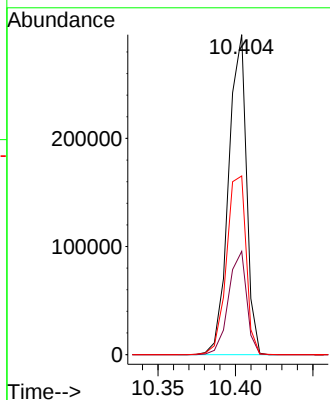
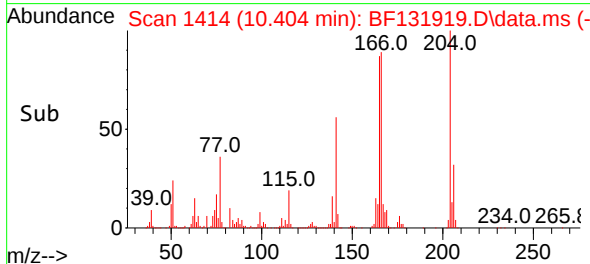
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



Tgt Ion:204 Resp: 238109
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 55.8 49.0 73.4

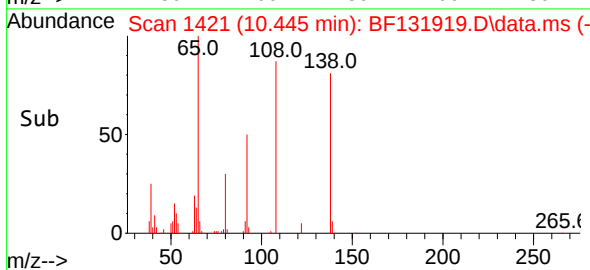
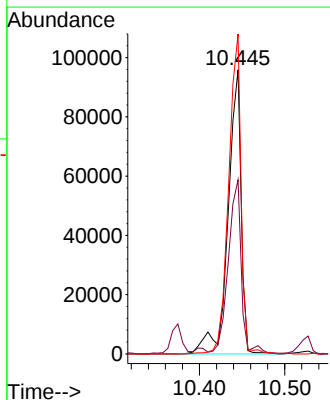
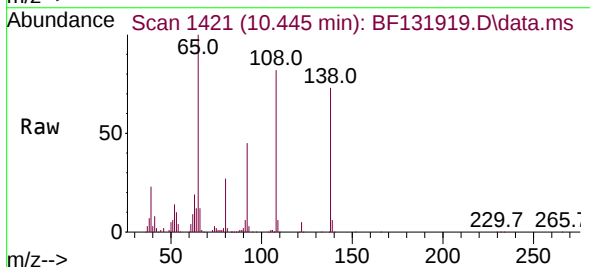
Manual Integrations
APPROVED

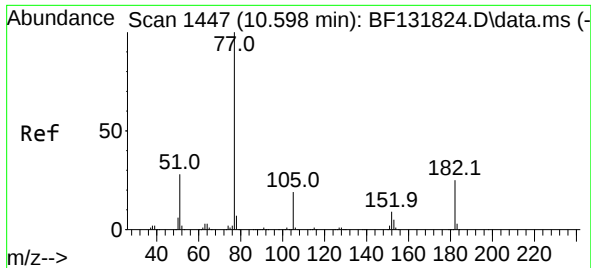
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#62
4-Nitroaniline
Concen: 38.734 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

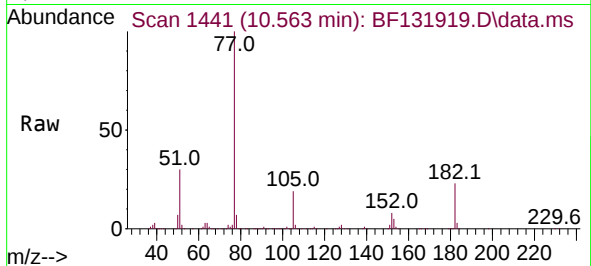
Tgt Ion:138 Resp: 102078
Ion Ratio Lower Upper
138 100
92 61.2 47.2 87.2
108 112.6 89.2 129.2





#63
Azobenzene
Concen: 49.236 ng
RT: 10.563 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

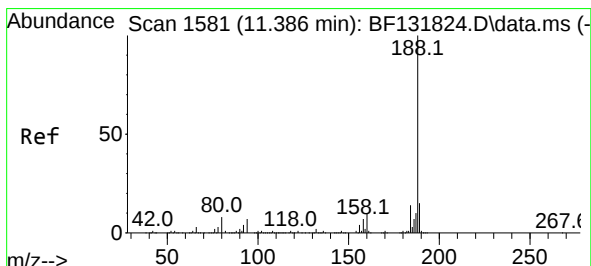
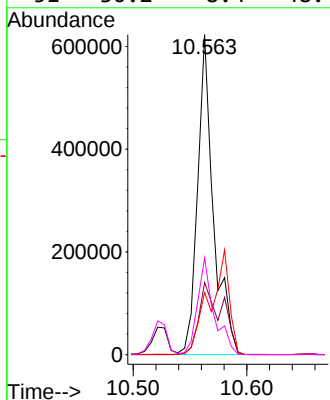
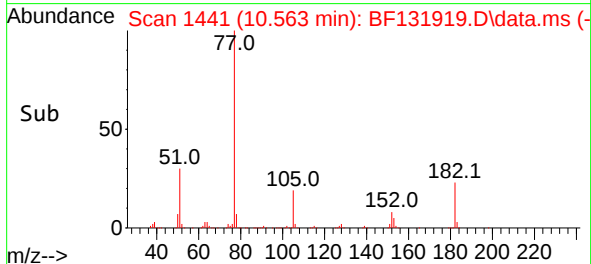
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



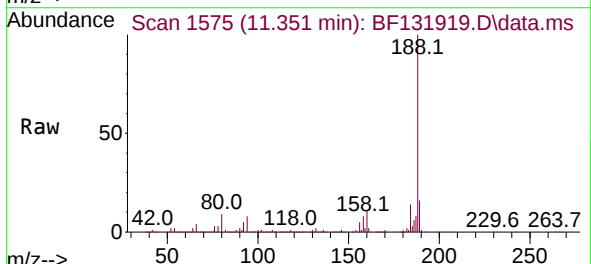
Tgt Ion: 77 Resp: 602916
Ion Ratio Lower Upper
77 100
182 22.6 5.0 45.0
105 19.5 0.0 39.4
51 30.2 8.4 48.4

Manual Integrations
APPROVED

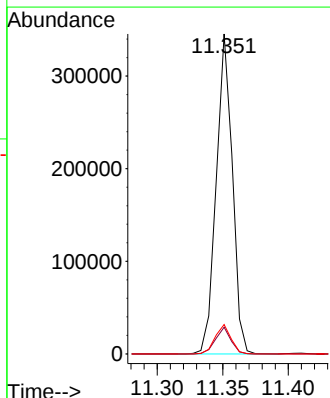
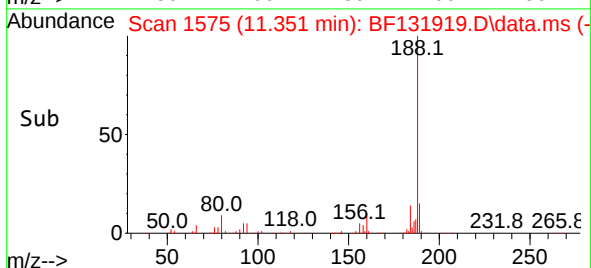
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

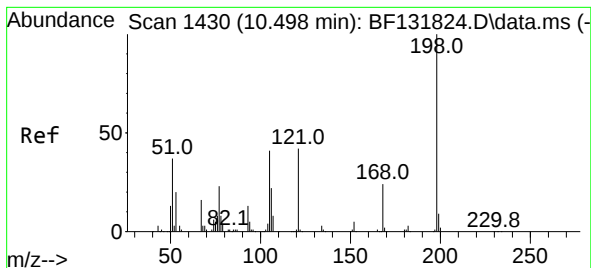


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



Tgt Ion:188 Resp: 296565
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.6
80 9.2 6.7 10.1





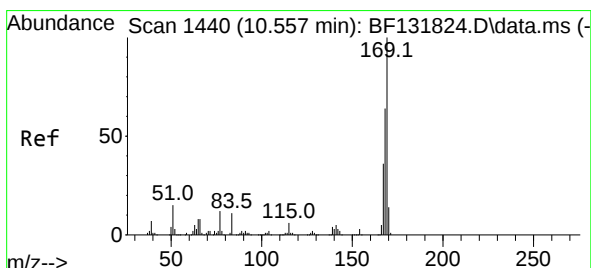
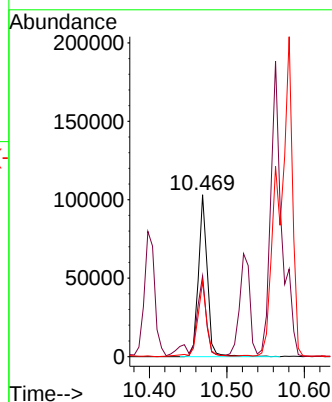
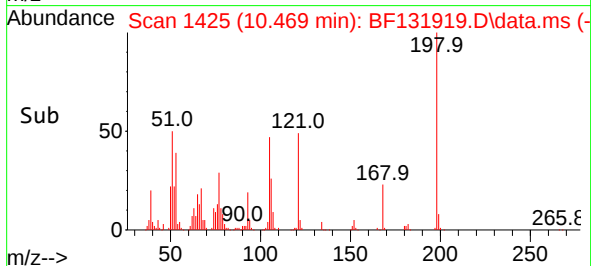
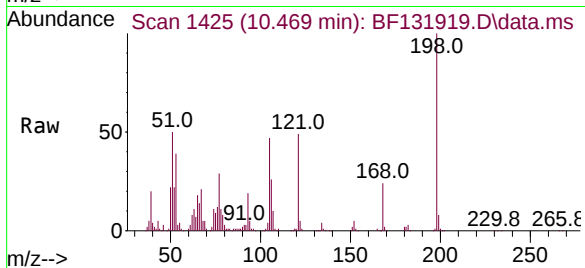
#65
4,6-Dinitro-2-methylphenol
Concen: 40.581 ng
RT: 10.469 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :
BNA_F
ClientSampleId :
TP-205MSD

Tgt Ion:198 Resp: 81940
Ion Ratio Lower Upper
198 100
51 49.9 21.6 61.6
105 46.5 22.0 62.0

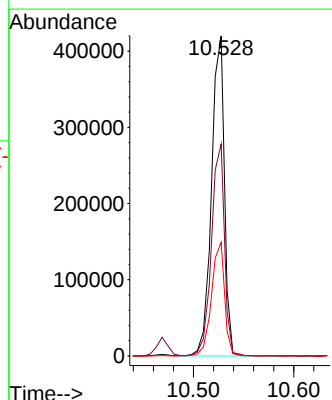
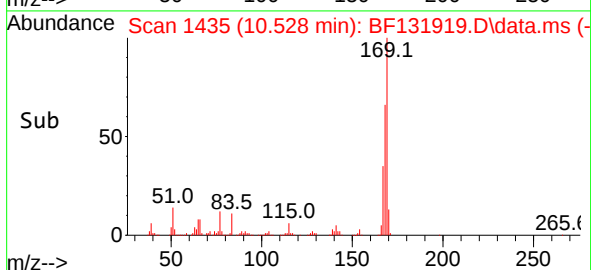
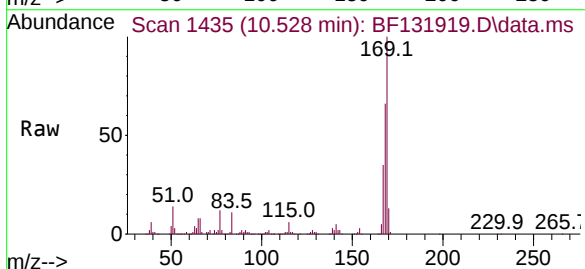
Manual Integrations
APPROVED

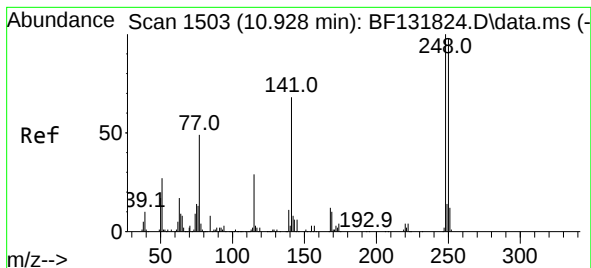
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#66
n-Nitrosodiphenylamine
Concen: 41.288 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

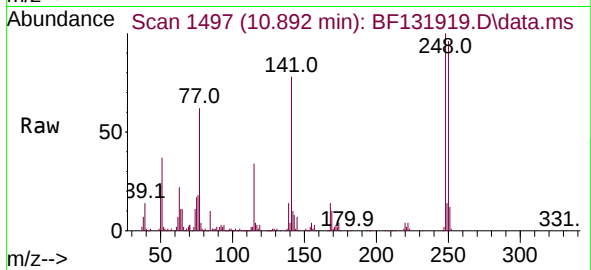
Tgt Ion:169 Resp: 373510
Ion Ratio Lower Upper
169 100
168 66.2 51.5 77.3
167 35.5 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 41.850 ng
RT: 10.892 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

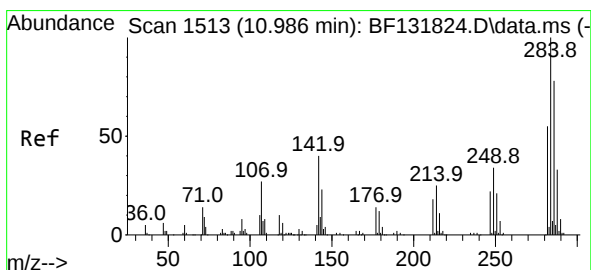
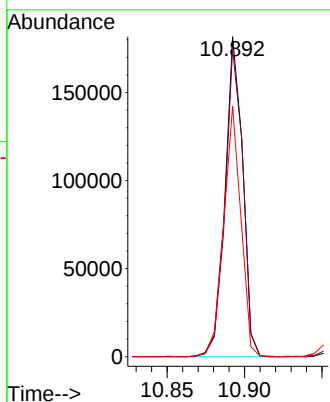
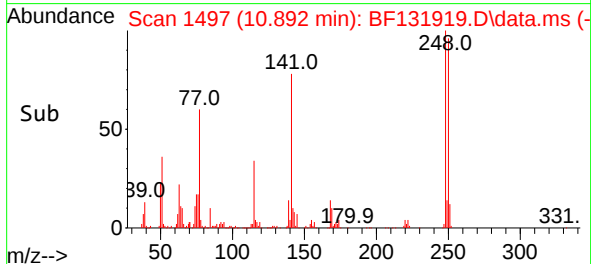
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



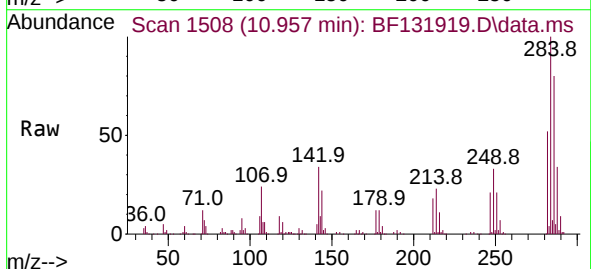
Tgt Ion:248 Resp: 143849
Ion Ratio Lower Upper
248 100
250 96.1 78.0 117.0
141 78.3 54.8 82.2

Manual Integrations
APPROVED

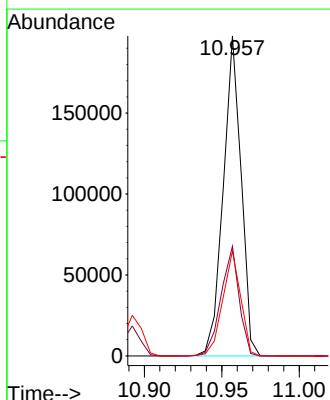
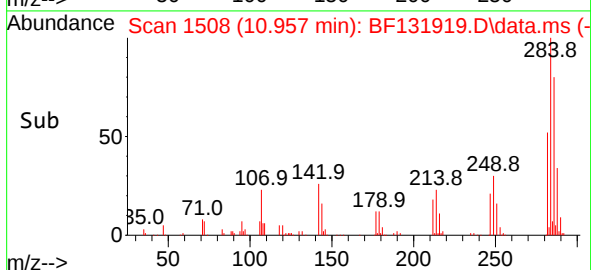
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

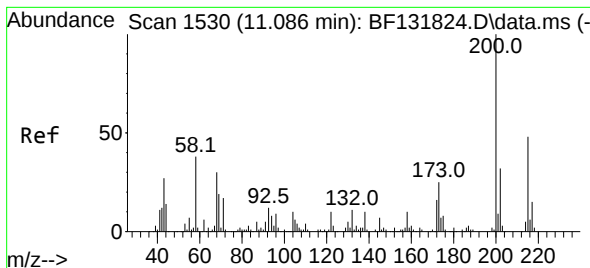


#68
Hexachlorobenzene
Concen: 42.025 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



Tgt Ion:284 Resp: 158680
Ion Ratio Lower Upper
284 100
142 34.3 31.6 47.4
249 32.8 26.9 40.3





#69

Atrazine

Concen: 45.386 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

Tgt Ion:200 Resp: 135176

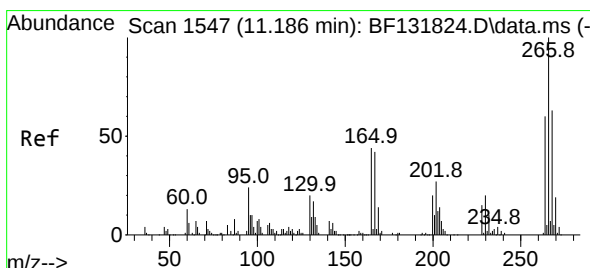
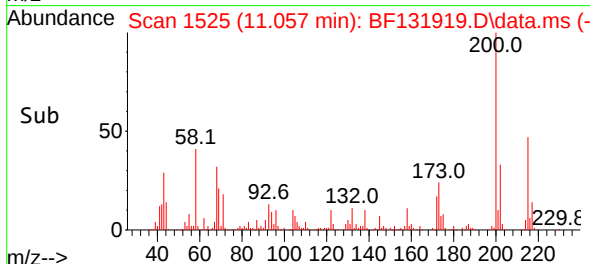
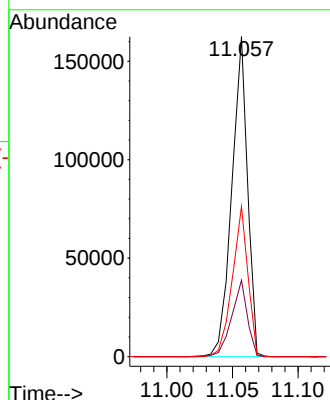
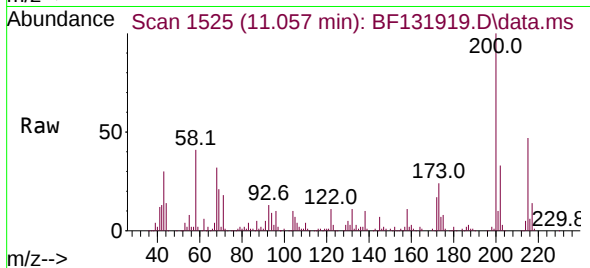
Ion	Ratio	Lower	Upper
200	100		
173	23.9	4.5	44.5
215	46.9	28.5	68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#70

Pentachlorophenol

Concen: 82.767 ng

RT: 11.157 min Scan# 1542

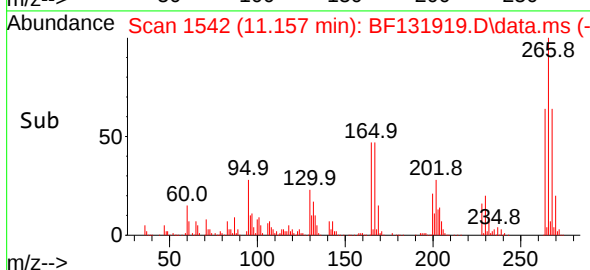
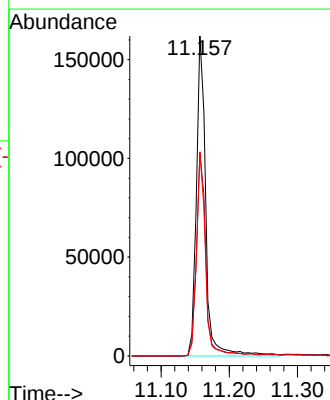
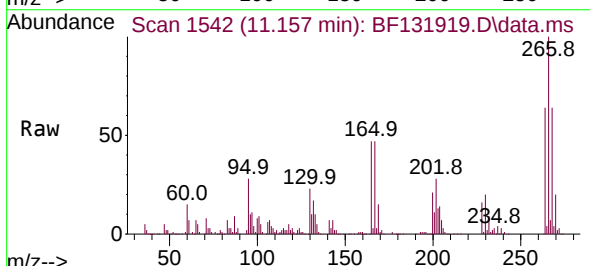
Delta R.T. 0.000 min

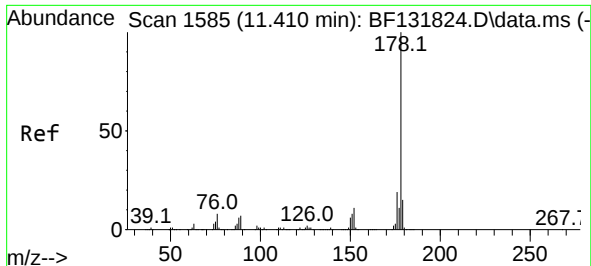
Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Tgt Ion:266 Resp: 154639

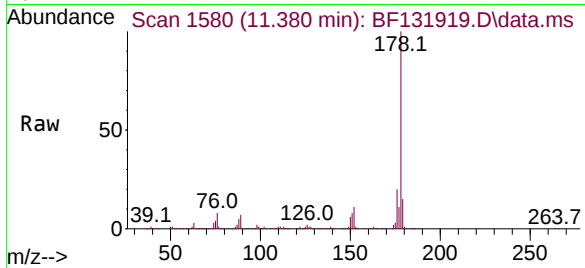
Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.5	75.7
264	63.8	48.3	72.5





#71
Phenanthrene
Concen: 39.423 ng
RT: 11.380 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

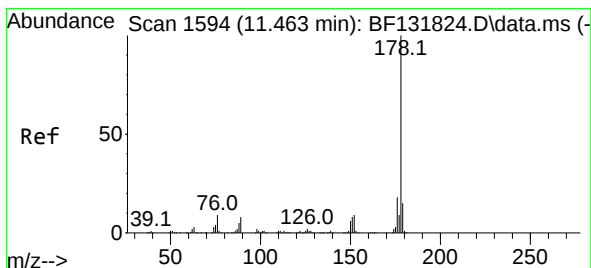
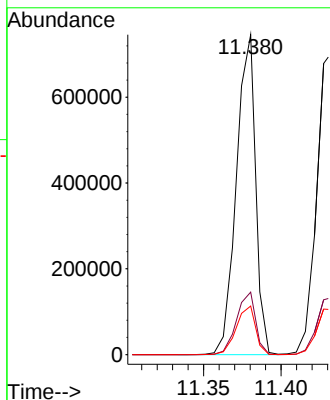
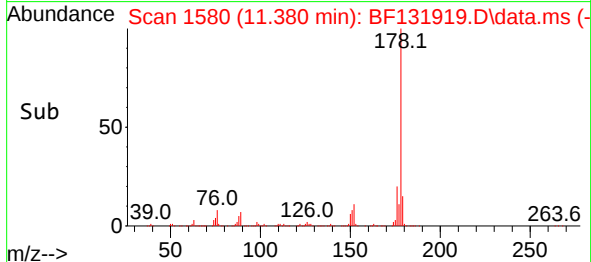
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



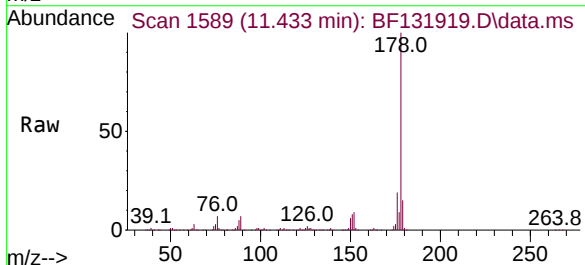
Tgt Ion:178 Resp: 642923
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.2 12.2 18.4

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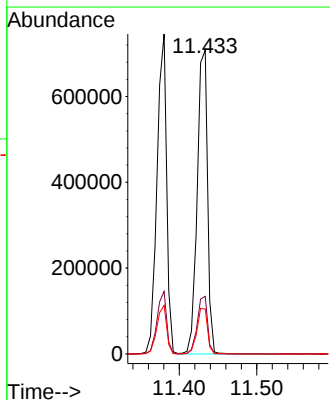
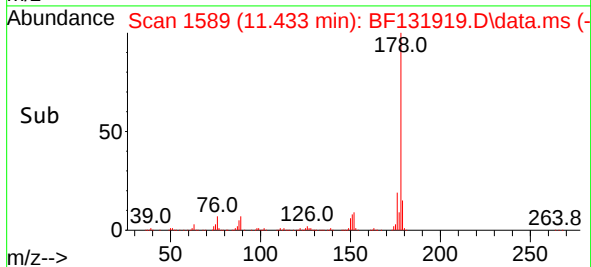
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

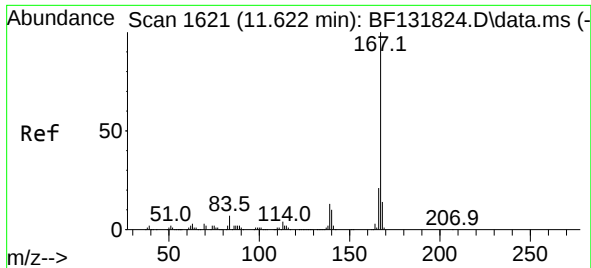


#72
Anthracene
Concen: 41.155 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



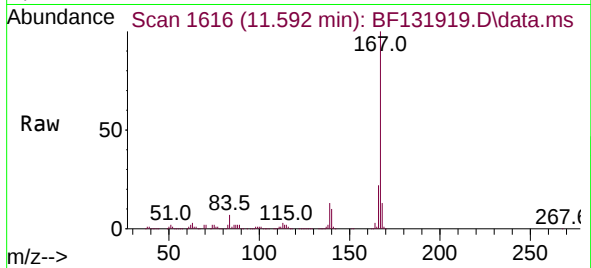
Tgt Ion:178 Resp: 656570
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 14.8 12.2 18.2





#73
Carbazole
Concen: 40.237 ng
RT: 11.592 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

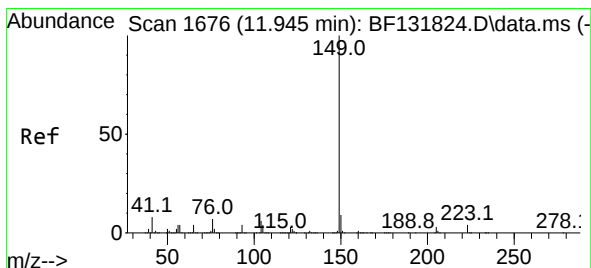
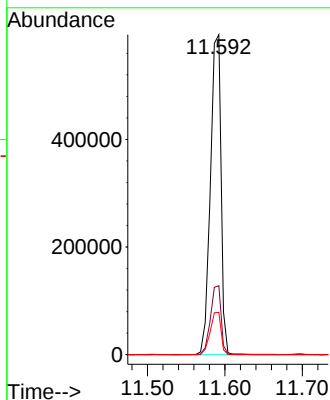
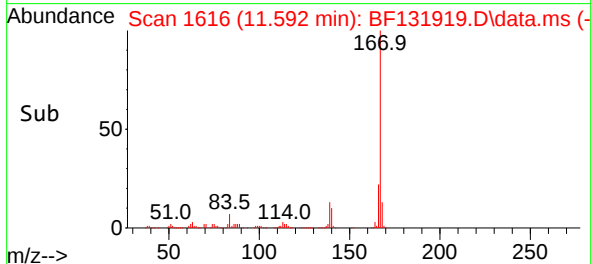
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



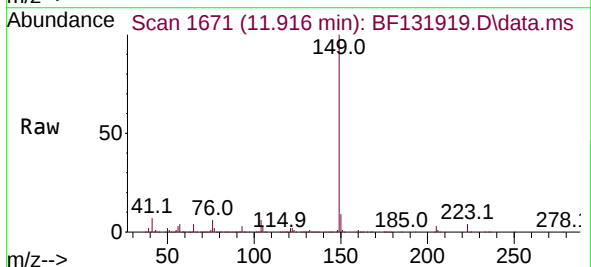
Tgt Ion:167 Resp: 566702
Ion Ratio Lower Upper
167 100
166 21.5 16.6 24.8
139 13.2 10.6 15.8

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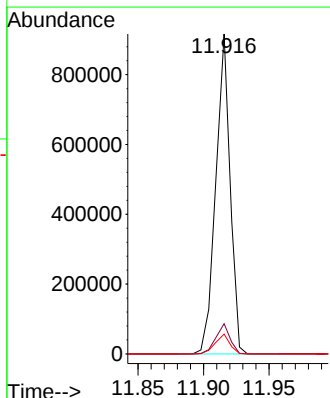
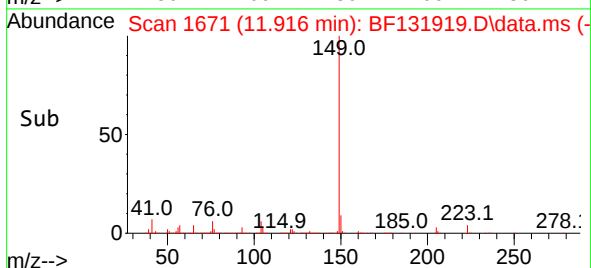
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

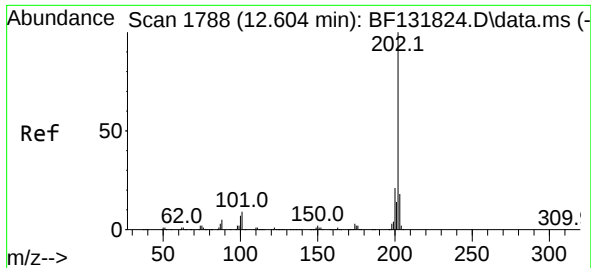


#74
Di-n-butylphthalate
Concen: 41.144 ng
RT: 11.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



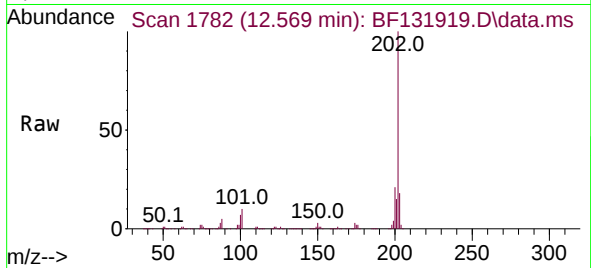
Tgt Ion:149 Resp: 700412
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 6.2 5.1 7.7





#75
Fluoranthene
Concen: 36.560 ng
RT: 12.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

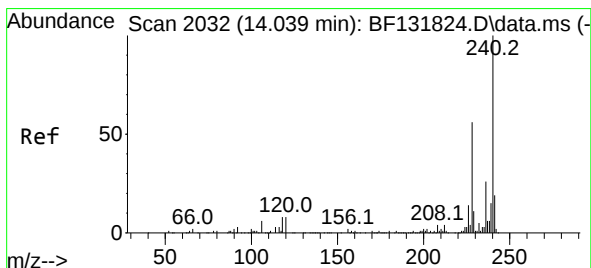
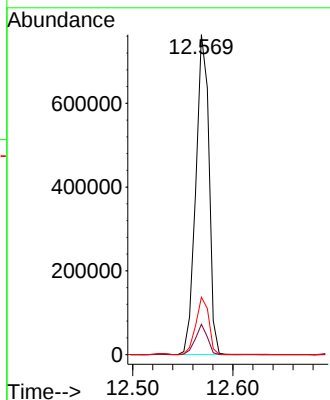
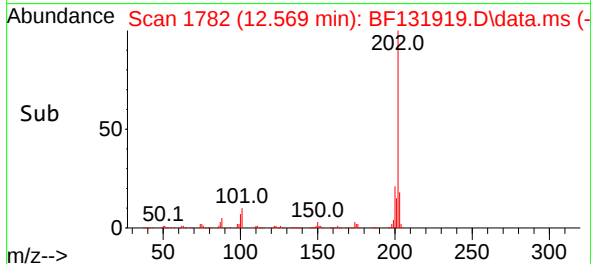
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



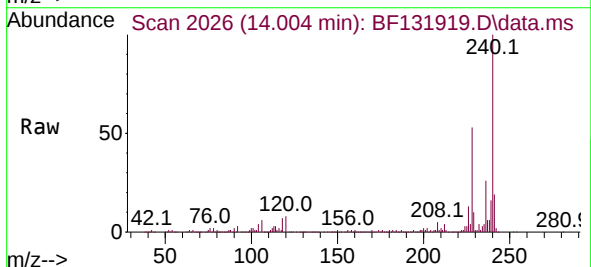
Tgt Ion:202 Resp: 694501
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.6
203 17.9 0.0 37.8

Manual Integrations
APPROVED

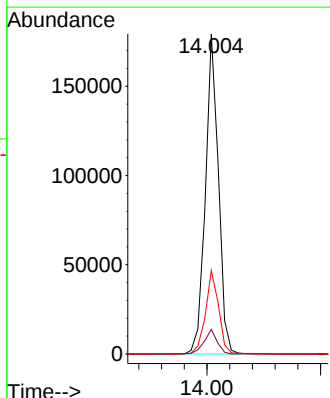
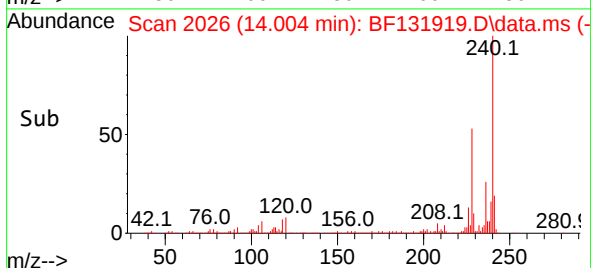
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

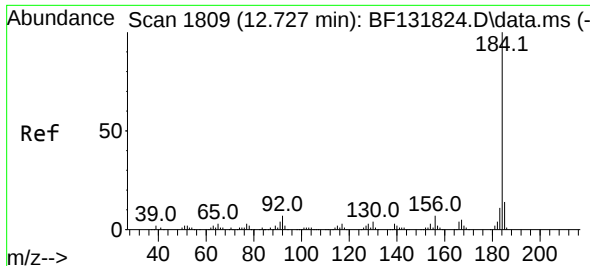


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



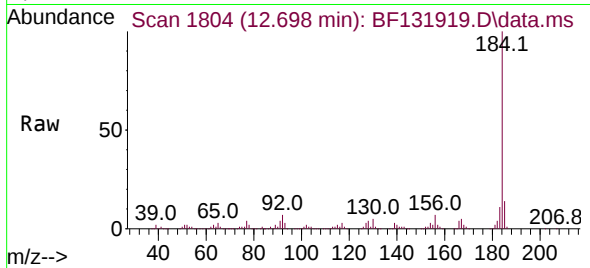
Tgt Ion:240 Resp: 142821
Ion Ratio Lower Upper
240 100
120 7.7 6.7 10.1
236 26.0 20.6 31.0





#77
Benzidine
Concen: 135.329 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

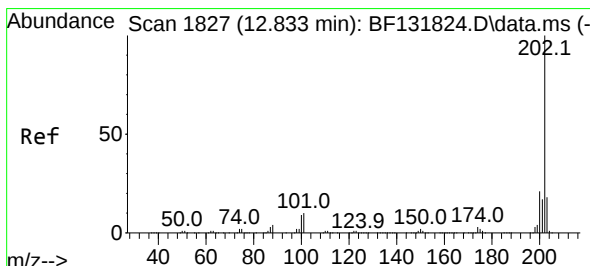
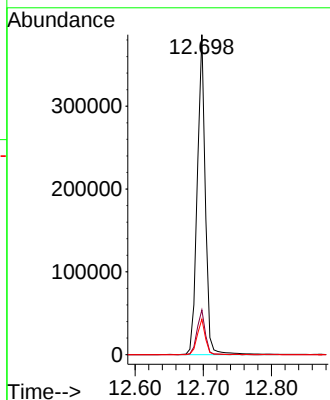
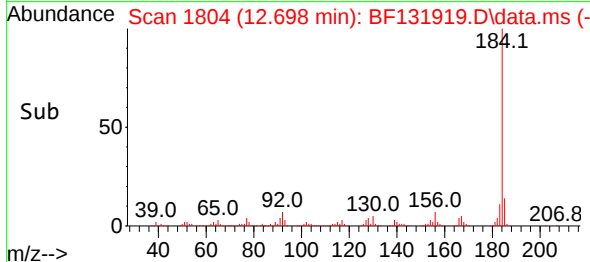
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



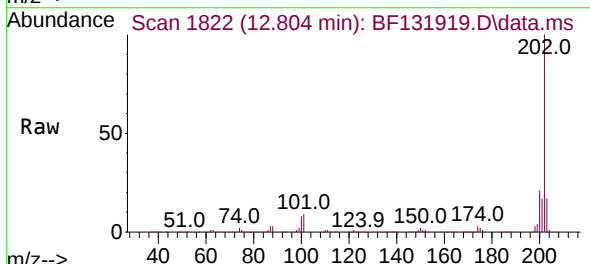
Tgt Ion:184 Resp: 31762
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 11.1 9.0 13.4

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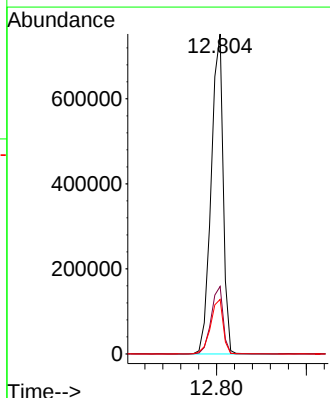
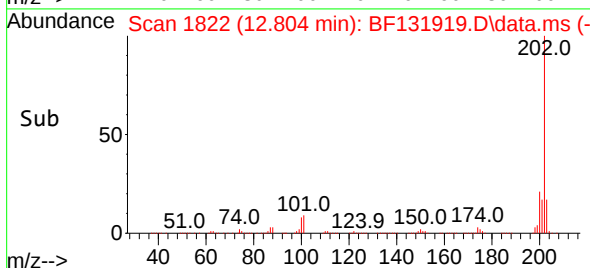
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

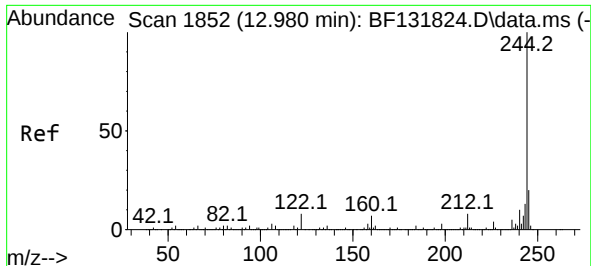


#78
Pyrene
Concen: 58.153 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



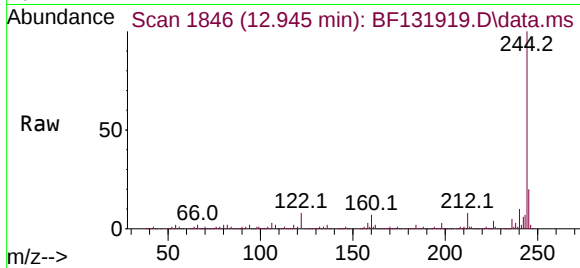
Tgt Ion:202 Resp: 696129
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.0 14.4 21.6





#79
 Terphenyl-d14
 Concen: 103.953 ng
 RT: 12.945 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131919.D
 Acq: 05 Jan 2023 17:23

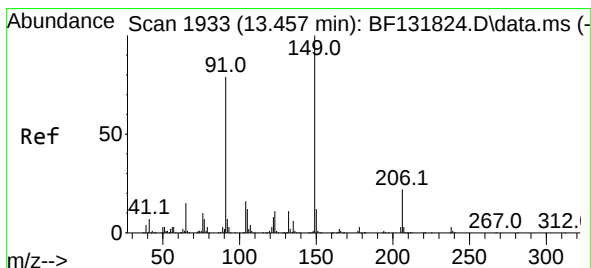
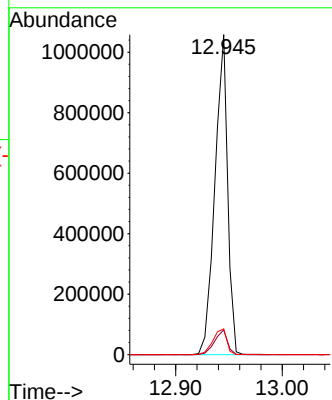
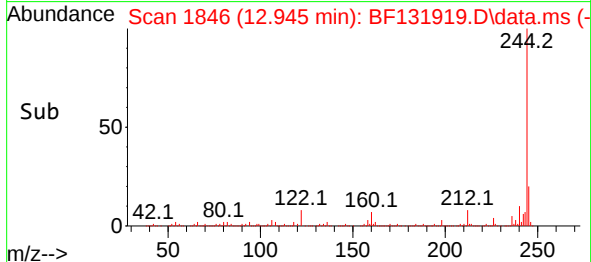
Instrument :
 BNA_F
 ClientSampleId :
 TP-205MSD



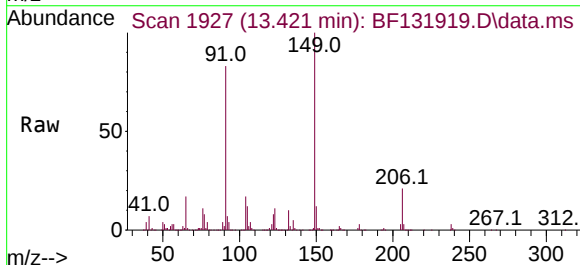
Tgt Ion:244 Resp: 877712
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.0 6.4 9.6

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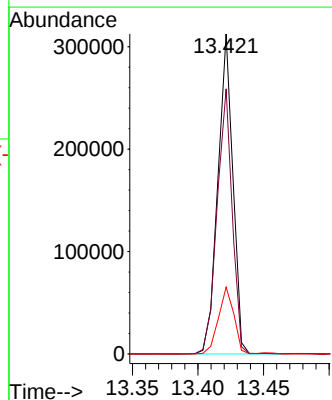
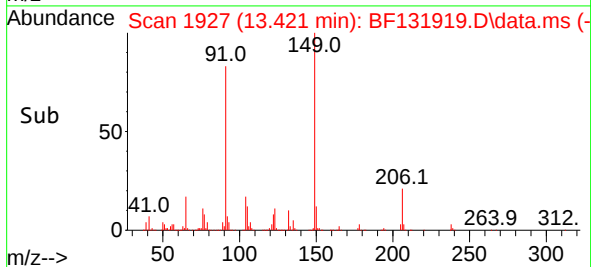
Reviewed By :Christian Giraldo 01/06/2023
 Supervised By :Jagrut Upadhyay 01/06/2023

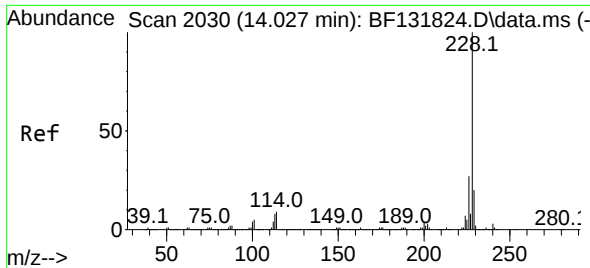


#80
 Butylbenzylphthalate
 Concen: 56.374 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF131919.D
 Acq: 05 Jan 2023 17:23



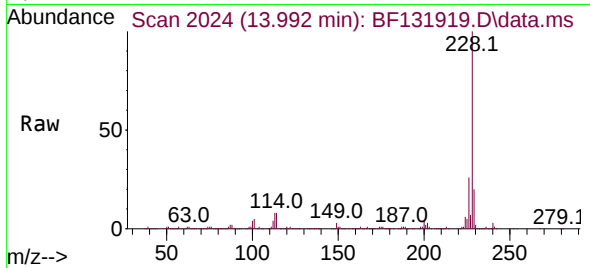
Tgt Ion:149 Resp: 250306
 Ion Ratio Lower Upper
 149 100
 91 82.8 63.2 94.8
 206 20.9 17.9 26.9





#81
Benzo(a)anthracene
Concen: 41.654 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

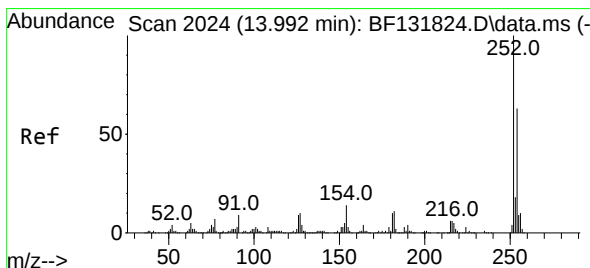
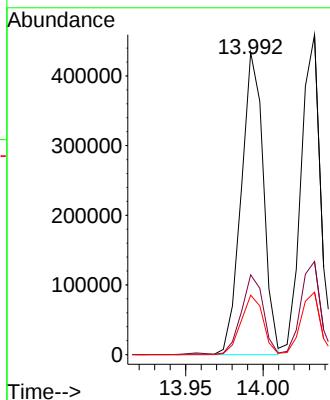
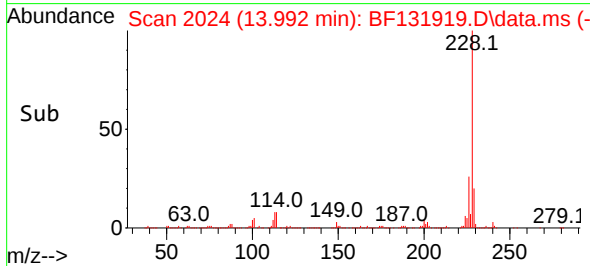
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



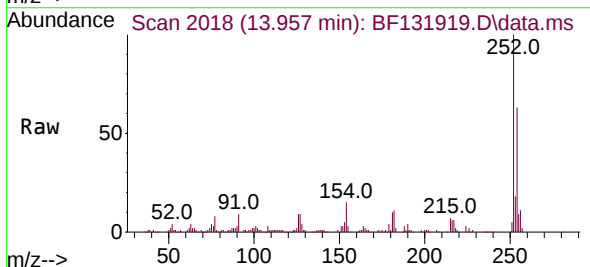
Tgt Ion:228 Resp: 430721
Ion Ratio Lower Upper
228 100
226 26.4 22.0 33.0
229 19.7 16.0 24.0

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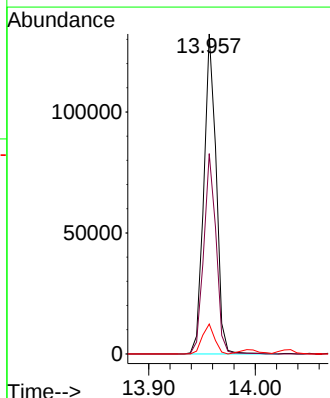
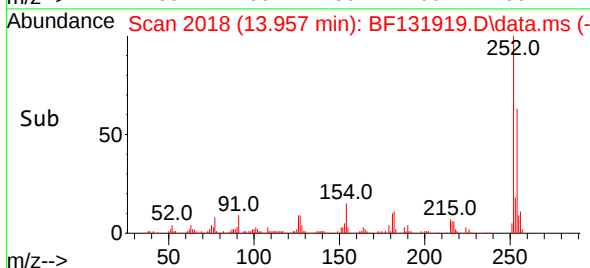
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

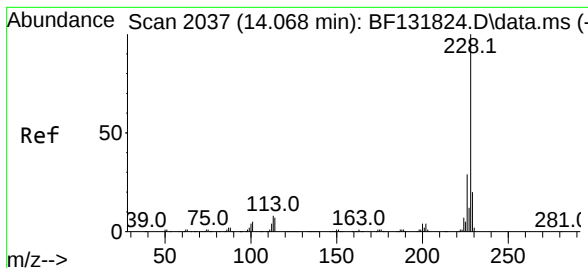


#82
3,3'-Dichlorobenzidine
Concen: 35.399 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23



Tgt Ion:252 Resp: 105799
Ion Ratio Lower Upper
252 100
254 62.6 50.4 75.6
126 9.3 7.5 11.3





#83

Chrysene

Concen: 40.628 ng

RT: 14.033 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

ClientSampleId :

TP-205MSD

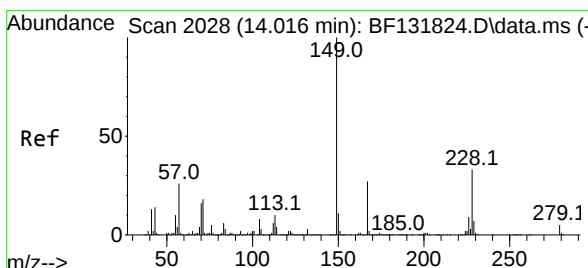
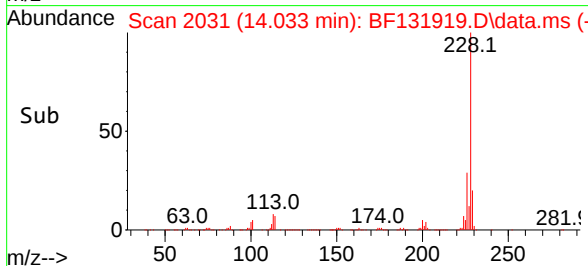
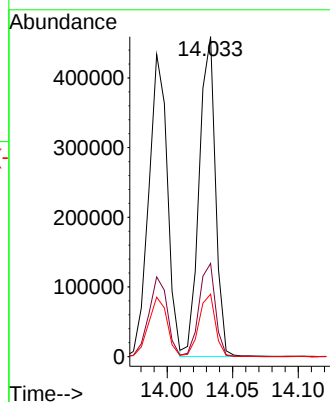
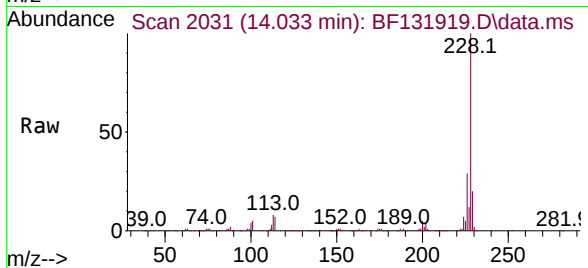
Tgt Ion:228 Resp: 394782

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	19.5	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: 57.522 ng

RT: 13.980 min Scan# 2022

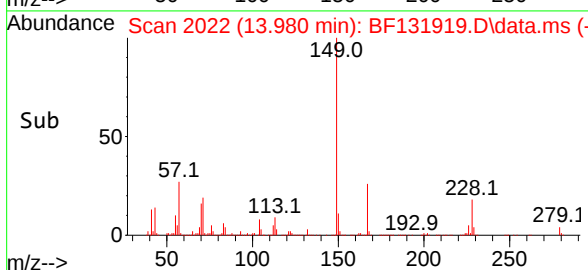
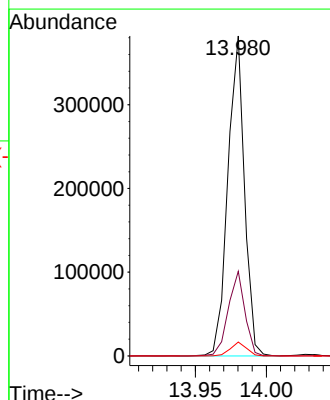
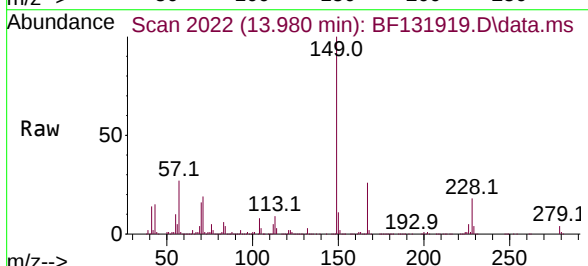
Delta R.T. 0.000 min

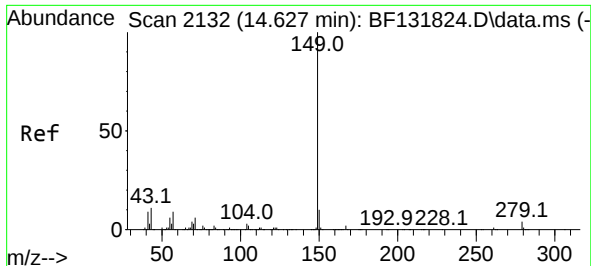
Lab File: BF131919.D

Acq: 05 Jan 2023 17:23

Tgt Ion:149 Resp: 310976

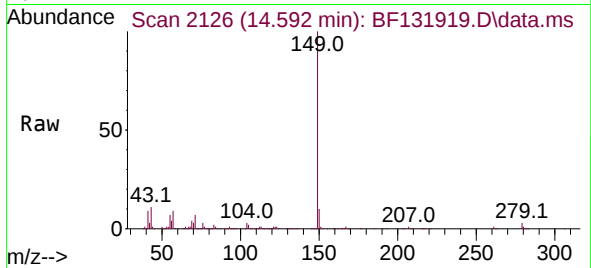
Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.6
279	4.3	3.9	5.9





#85
Di-n-octyl phthalate
Concen: 51.698 ng
RT: 14.592 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

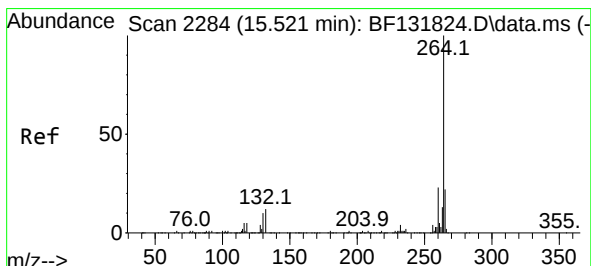
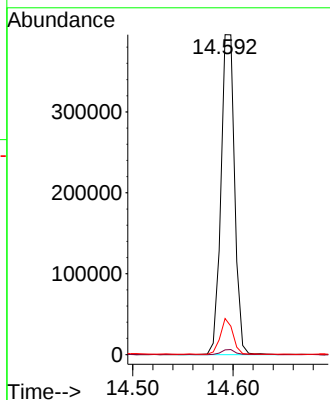
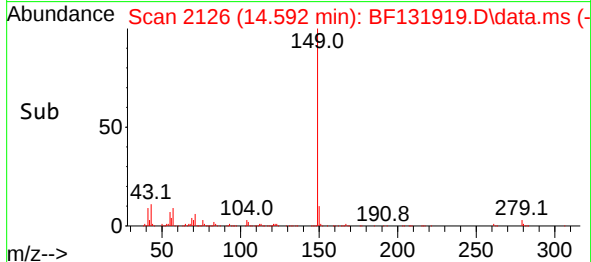
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



Tgt Ion:149 Resp: 376240
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.4 8.1 12.1

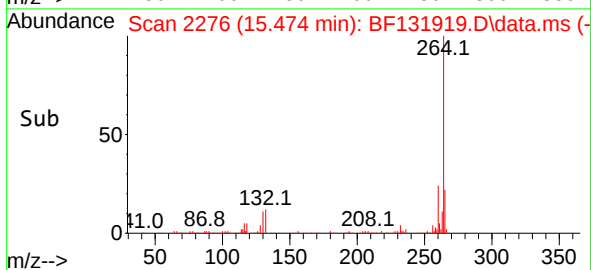
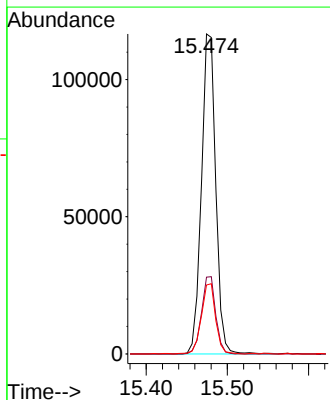
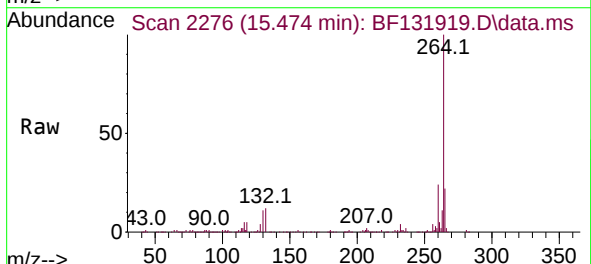
Manual Integrations
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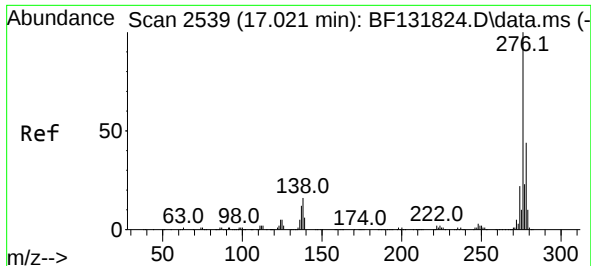
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion:264 Resp: 142851
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.623 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :

BNA_F

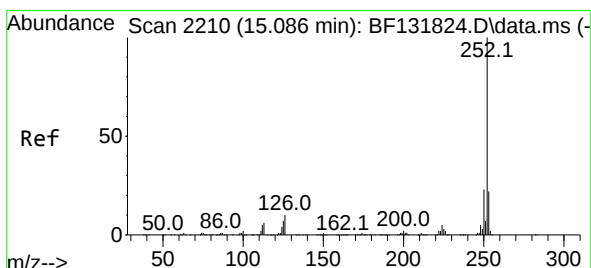
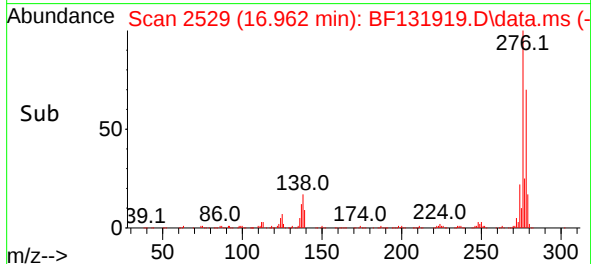
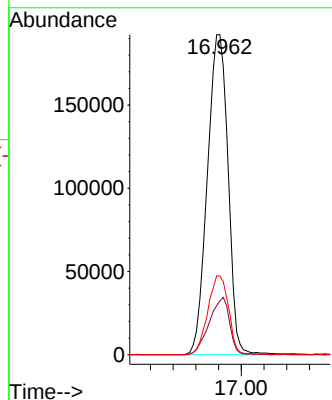
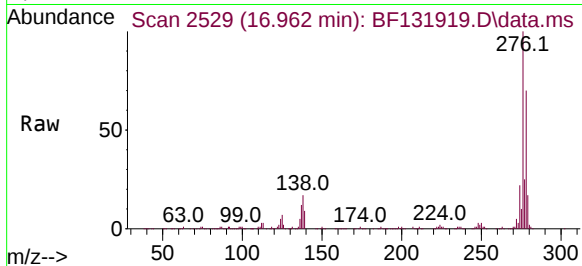
ClientSampleId :

TP-205MSD

Tgt Ion:276 Resp: 486653
Ion Ratio Lower Upper
276 100
138 17.6 14.5 21.7
277 24.7 19.7 29.5

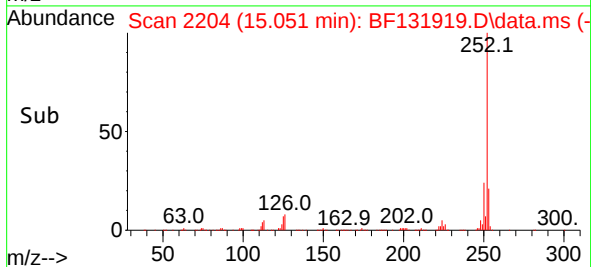
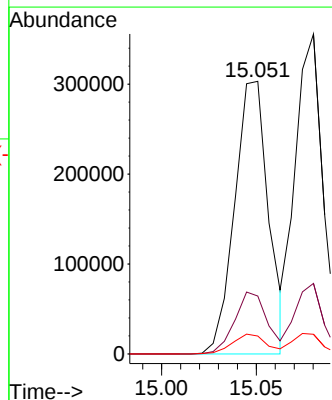
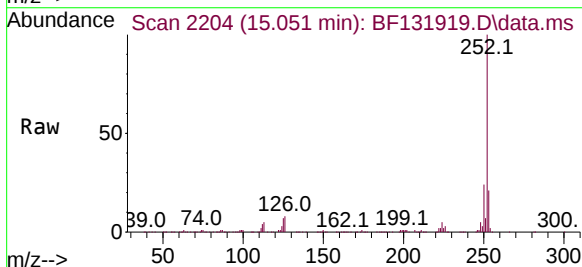
Manual Integrations
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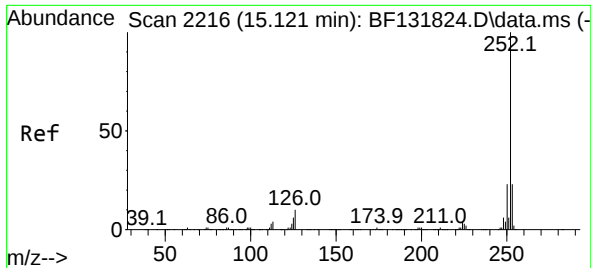
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#88
Benzo(b)fluoranthene
Concen: 36.050 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion:252 Resp: 377603
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 6.6 5.8 8.8





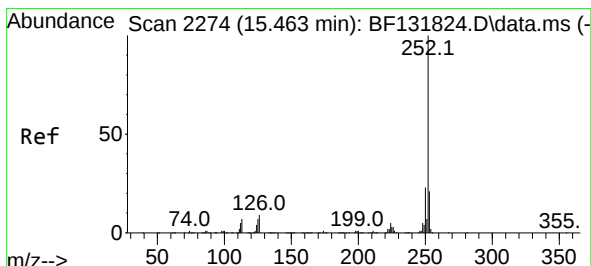
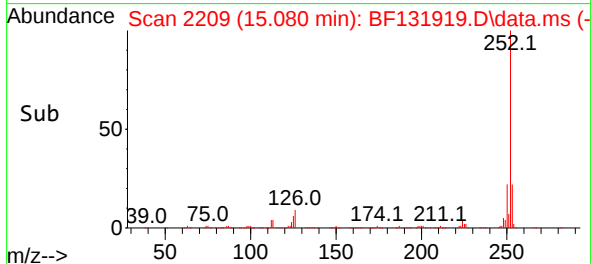
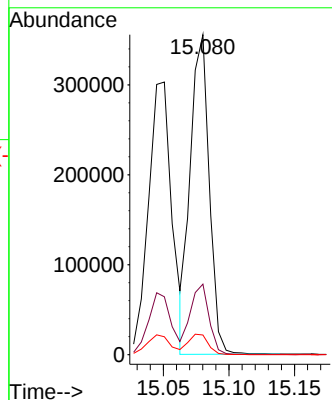
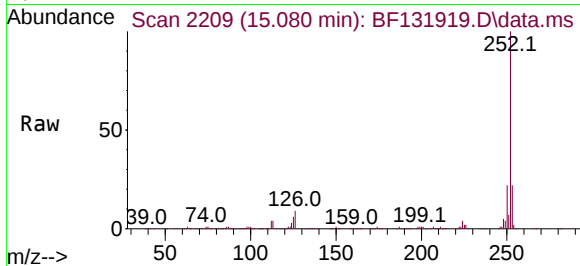
#89
Benzo(k)fluoranthene
Concen: 35.288 ng
RT: 15.080 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Instrument :
BNA_F
ClientSampleId :
TP-205MSD

Tgt Ion:252 Resp: 357128
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.1 5.4 8.0

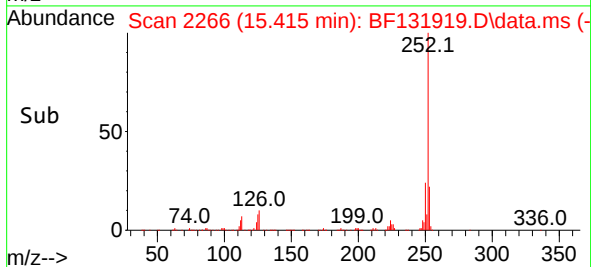
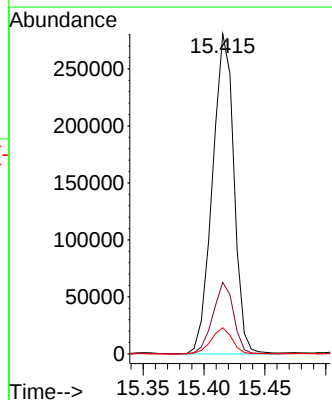
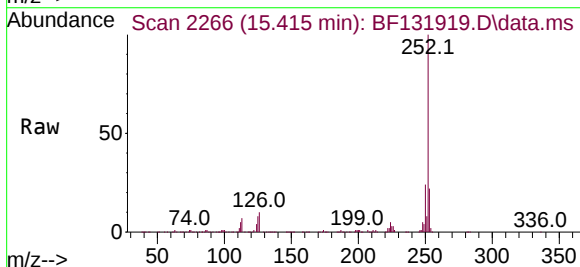
Manual Integrations
APPROVED

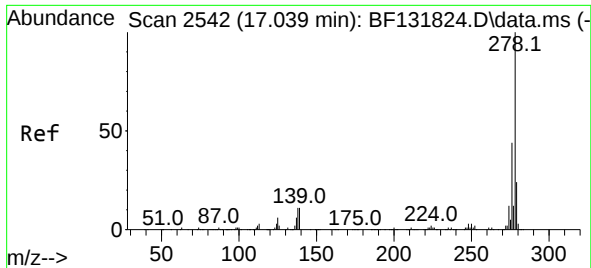
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#90
Benzo(a)pyrene
Concen: 42.580 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

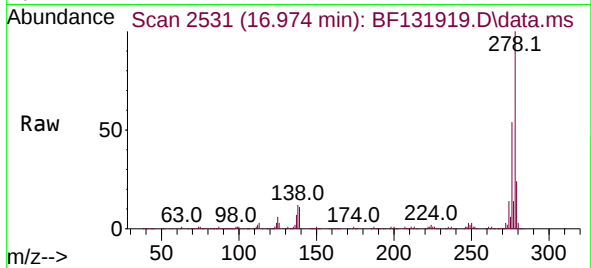
Tgt Ion:252 Resp: 345294
Ion Ratio Lower Upper
252 100
253 22.4 16.6 24.8
125 8.2 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 53.544 ng
RT: 16.974 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

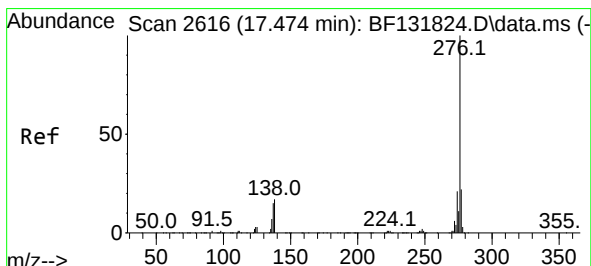
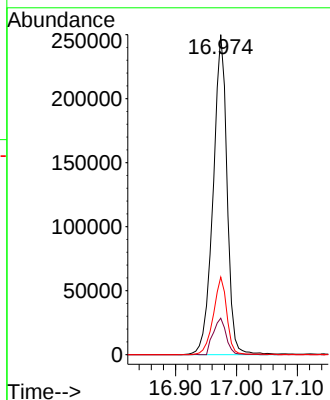
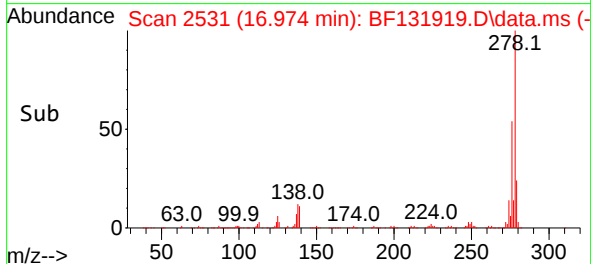
Instrument :
BNA_F
ClientSampleId :
TP-205MSD



Tgt Ion:278 Resp: 398036
Ion Ratio Lower Upper
278 100
139 11.4 8.6 12.8
279 24.2 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: 45.447 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF131919.D
Acq: 05 Jan 2023 17:23

Tgt Ion:276 Resp: 396848
Ion Ratio Lower Upper
276 100
277 23.5 17.9 26.9
138 15.1 13.7 20.5

