

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131922.D
 Acq On : 05 Jan 2023 19:00
 Operator : CG\JU
 Sample : N6244-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-12MSD

Quant Time: Jan 06 03:13:18 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	68047	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	242963	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	140857	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	270753	20.000	ng	0.00
76) Chrysene-d12	14.004	240	133234	20.000	ng	0.00
86) Perylene-d12	15.480	264	135434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	350888	85.455	ng	0.01
7) Phenol-d6	6.439	99	452967	83.966	ng	0.00
23) Nitrobenzene-d5	7.375	82	313790	51.565	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	122790	80.233	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	525596	51.110	ng	0.00
79) Terphenyl-d14	12.945	244	553984	70.333	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	78418	41.184	ng	96
3) Pyridine	3.293	79	215435	40.246	ng	99
4) n-Nitrosodimethylamine	3.263	42	109876	43.654	ng	100
6) Aniline	6.463	93	170123	26.003	ng	# 86
8) 2-Chlorophenol	6.587	128	193769	44.792	ng	94
9) Benzaldehyde	6.351	77	128087	37.004	ng	96
10) Phenol	6.457	94	274701	42.760	ng	92
11) bis(2-Chloroethyl)ether	6.539	93	206810	45.017	ng	98
12) 1,3-Dichlorobenzene	6.739	146	215646	43.621	ng	97
13) 1,4-Dichlorobenzene	6.822	146	217534	43.662	ng	95
14) 1,2-Dichlorobenzene	6.975	146	208529	44.544	ng	98
15) Benzyl Alcohol	6.951	79	214076	45.252	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	259245	44.220	ng	97
17) 2-Methylphenol	7.069	107	174230	44.055	ng	97
18) Hexachloroethane	7.316	117	89827	44.650	ng	93
19) n-Nitroso-di-n-propyla...	7.222	70	166134	43.605	ng	99
20) 3+4-Methylphenols	7.222	107	222252	43.070	ng	99
22) Acetophenone	7.222	105	316154	44.385	ng	# 97
24) Nitrobenzene	7.392	77	260163	42.659	ng	99
25) Isophorone	7.633	82	456316	45.917	ng	100
26) 2-Nitrophenol	7.710	139	107013	45.131	ng	96
27) 2,4-Dimethylphenol	7.751	122	173724	51.362	ng	98
28) bis(2-Chloroethoxy)met...	7.845	93	252406	47.342	ng	99
29) 2,4-Dichlorophenol	7.957	162	178854	43.891	ng	99
30) 1,2,4-Trichlorobenzene	8.033	180	208055	43.063	ng	99
31) Naphthalene	8.116	128	561365	42.189	ng	99
32) Benzoic acid	7.892	122	102351	41.401	ng	92
33) 4-Chloroaniline	8.169	127	65533	12.836	ng	97
34) Hexachlorobutadiene	8.228	225	137013	41.450	ng	100
35) Caprolactam	8.551	113	51484m	42.672	ng	
36) 4-Chloro-3-methylphenol	8.663	107	207135	44.976	ng	98
37) 2-Methylnaphthalene	8.810	142	380681	42.628	ng	99
38) 1-Methylnaphthalene	8.910	142	354205	40.834	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	219895	44.461	ng	98
41) Hexachlorocyclopentadiene	8.957	237	209356	93.505	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	135260	42.700	ng	100

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 Misc :
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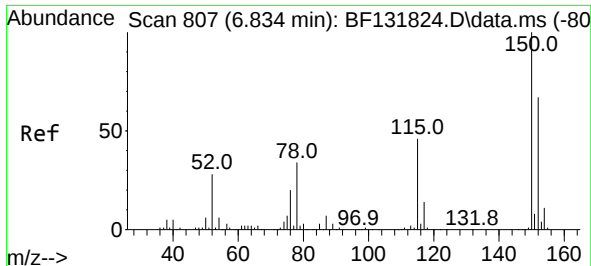
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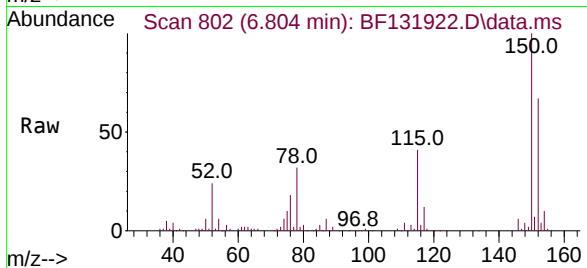
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	142036	41.481	ng	98
46) 1,1'-Biphenyl	9.275	154	477085	44.240	ng	98
47) 2-Chloronaphthalene	9.304	162	386556	43.327	ng	98
48) 2-Nitroaniline	9.404	65	139457	42.645	ng	92
49) Acenaphthylene	9.722	152	580388	43.688	ng	99
50) Dimethylphthalate	9.586	163	463133	43.461	ng	99
51) 2,6-Dinitrotoluene	9.651	165	102488	44.428	ng	95
52) Acenaphthene	9.892	154	341717	42.620	ng	99
53) 3-Nitroaniline	9.816	138	48548	20.654	ng	99
54) 2,4-Dinitrophenol	9.933	184	108956	82.075	ng	96
55) Dibenzofuran	10.069	168	539626	43.684	ng	98
56) 4-Nitrophenol	9.998	139	137429	83.464	ng	96
57) 2,4-Dinitrotoluene	10.057	165	137384	43.548	ng	# 89
58) Fluorene	10.410	166	424187	42.063	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	119647m	42.580	ng	
60) Diethylphthalate	10.286	149	442360	43.131	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	231248	44.110	ng	97
62) 4-Nitroaniline	10.439	138	93829	38.303	ng	91
63) Azobenzene	10.563	77	545711	47.943	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	74025	40.156	ng	92
66) n-Nitrosodiphenylamine	10.522	169	366691	44.398	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	137168	43.711	ng	92
68) Hexachlorobenzene	10.957	284	152026	44.101	ng	94
69) Atrazine	11.057	200	133177	48.979	ng	99
70) Pentachlorophenol	11.157	266	144373	84.639	ng	98
71) Phenanthrene	11.380	178	619362	41.599	ng	100
72) Anthracene	11.427	178	630212	43.269	ng	99
73) Carbazole	11.586	167	544278	42.329	ng	99
74) Di-n-butylphthalate	11.916	149	665011	42.788	ng	100
75) Fluoranthene	12.574	202	657636	37.920	ng	99
77) Benzidine	12.698	184	168661	77.031	ng	99
78) Pyrene	12.804	202	661072	59.198	ng	99
80) Butylbenzylphthalate	13.421	149	247071	59.650	ng	93
81) Benzo(a)anthracene	13.998	228	425779	44.139	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	58577	21.009	ng	99
83) Chrysene	14.033	228	390606	43.091	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	303344	60.148	ng	100
85) Di-n-octyl phthalate	14.598	149	378257	55.715	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	483353	56.176	ng	99
88) Benzo(b)fluoranthene	15.051	252	362925	36.546	ng	98
89) Benzo(k)fluoranthene	15.080	252	361186	37.643	ng	99
90) Benzo(a)pyrene	15.421	252	339726	44.187	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	399190	56.640	ng	99
92) Benzo(g,h,i)perylene	17.409	276	398284	47.802	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF131922.D
 Acq: 05 Jan 2023 19:00

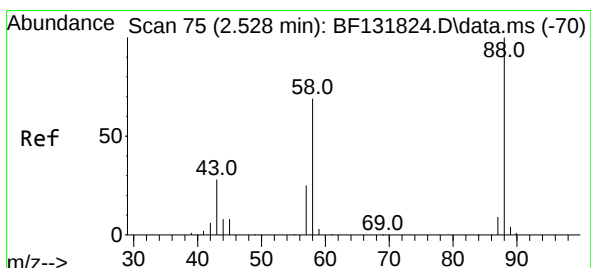
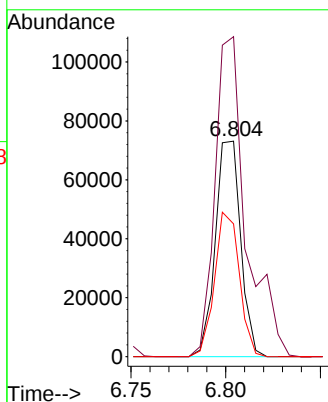
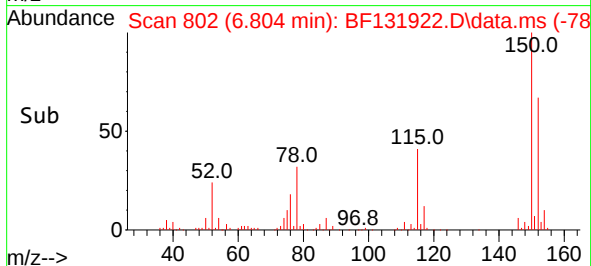
Instrument :
 BNA_F
 ClientSampleId :
 PE-12MSD



Tgt Ion: 152 Resp: 6804
 Ion Ratio Lower Upper
 152 100
 150 148.6 120.0 180.0
 115 61.6 55.1 82.7

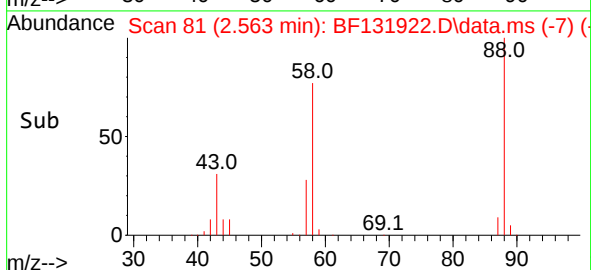
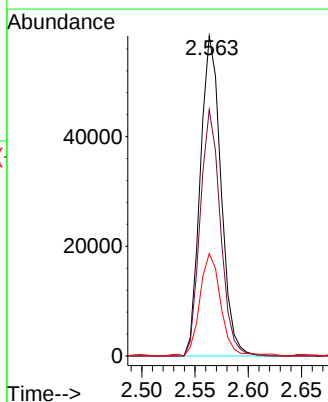
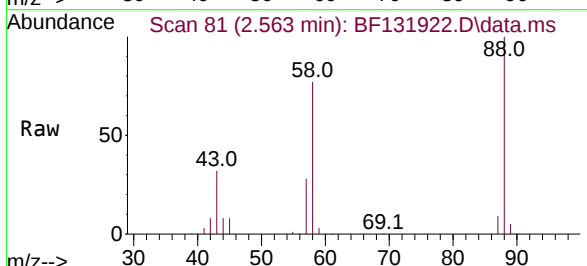
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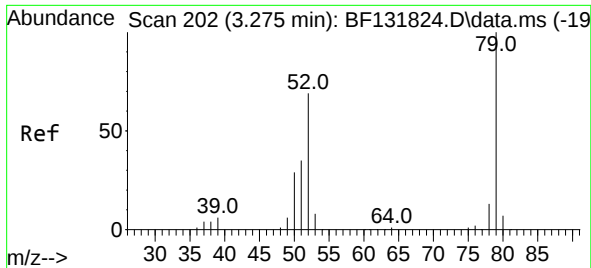
Reviewed By : Christian Giraldo 01/06/2023
 Supervised By : Jagrut Upadhyay 01/06/2023



#2
 1,4-Dioxane
 Concen: 41.184 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.082 min
 Lab File: BF131922.D
 Acq: 05 Jan 2023 19:00

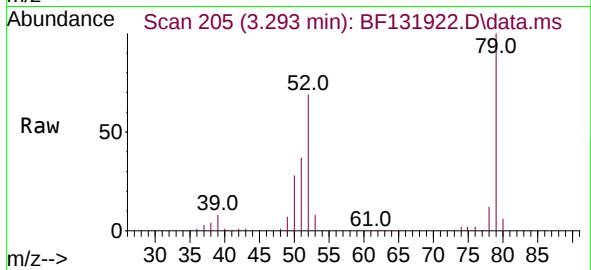
Tgt Ion: 88 Resp: 78418
 Ion Ratio Lower Upper
 88 100
 58 75.4 58.2 87.2
 43 32.7 24.2 36.4





#3
Pyridine
Concen: 40.246 ng
RT: 3.293 min Scan# 20
Delta R.T. 0.082 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

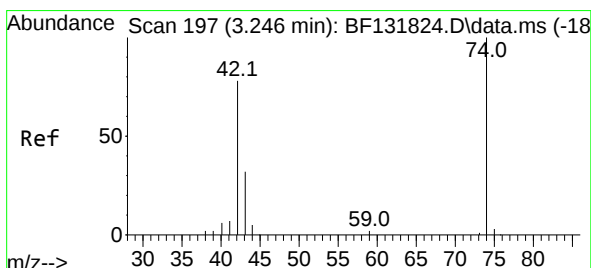
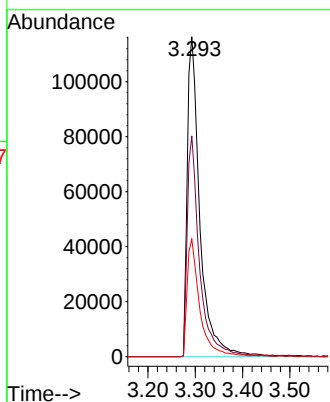
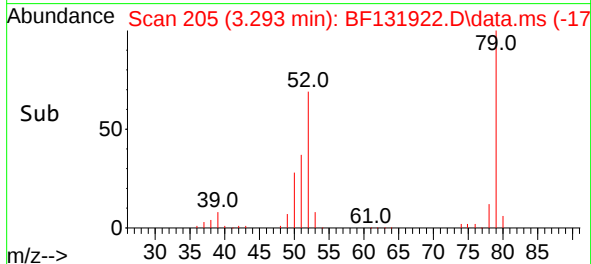
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



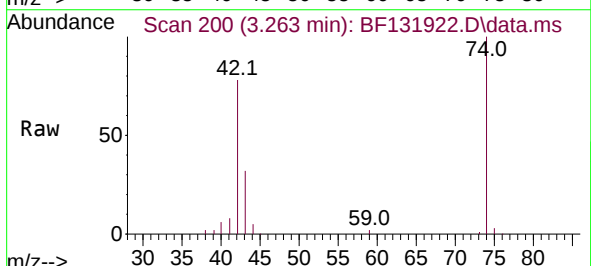
Tgt Ion: 79 Resp: 215435
Ion Ratio Lower Upper
79 100
52 69.0 55.4 83.2
51 36.7 27.8 41.8

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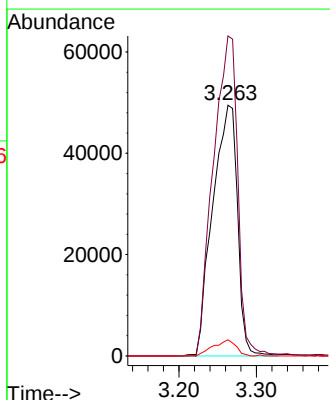
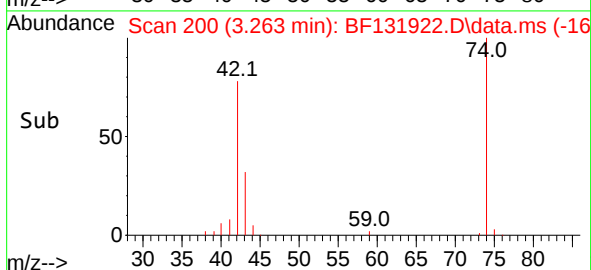
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Supervised By :Jagrut Upadhyay 01/06/2023

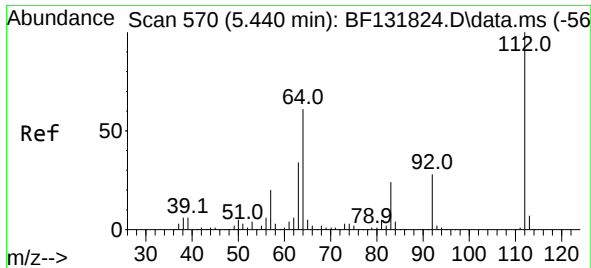


#4
n-Nitrosodimethylamine
Concen: 43.654 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.082 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



Tgt Ion: 42 Resp: 109876
Ion Ratio Lower Upper
42 100
74 127.7 102.0 153.0
44 6.4 4.6 7.0





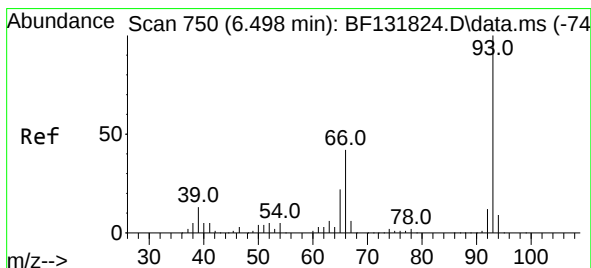
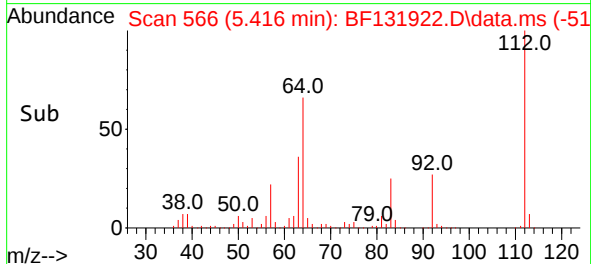
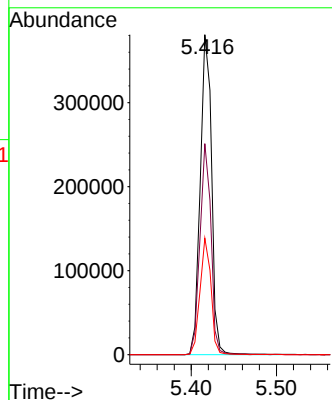
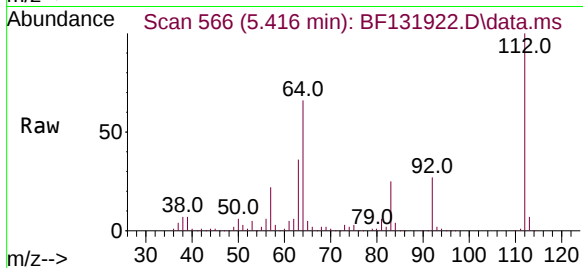
#5
2-Fluorophenol
Concen: 85.455 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Tgt Ion:112 Resp: 350888
Ion Ratio Lower Upper
112 100
64 65.9 49.2 73.8
63 36.4 27.5 41.3

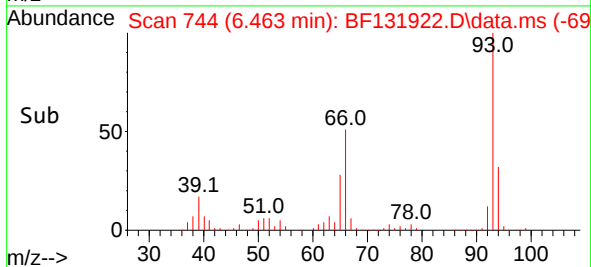
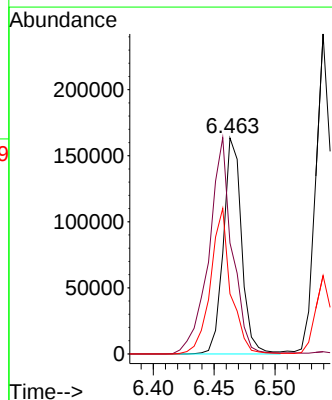
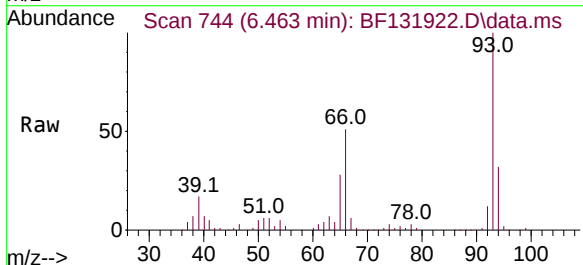
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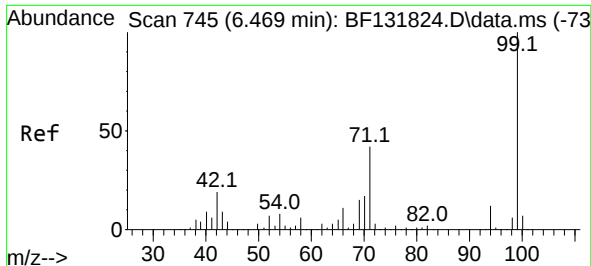
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#6
Aniline
Concen: 26.003 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

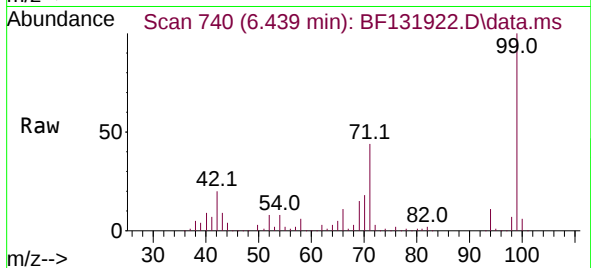
Tgt Ion: 93 Resp: 170123
Ion Ratio Lower Upper
93 100
66 51.4 33.9 50.9#
65 27.9 17.4 26.0#





#7
Phenol-d6
Concen: 83.966 ng
RT: 6.439 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

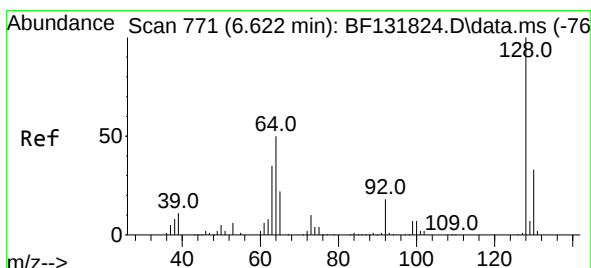
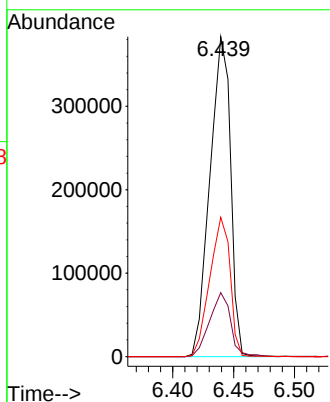
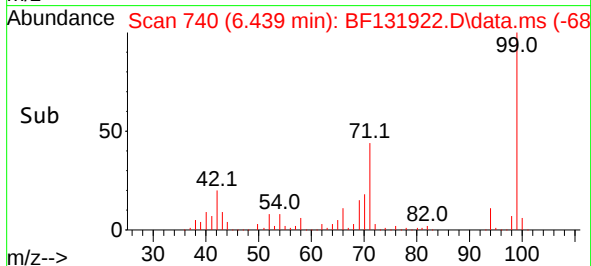
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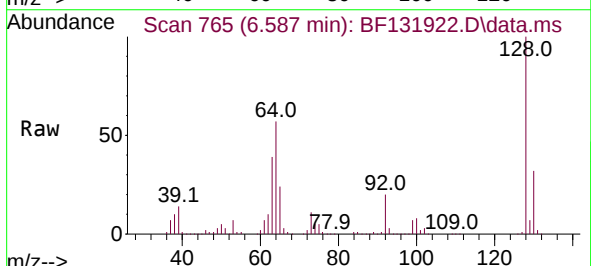
Tgt Ion: 99 Resp: 452962
Ion Ratio Lower Upper
99 100
42 20.0 15.3 22.9
71 43.5 33.5 50.3

Manual Integrations
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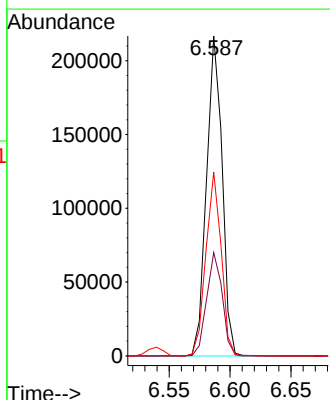
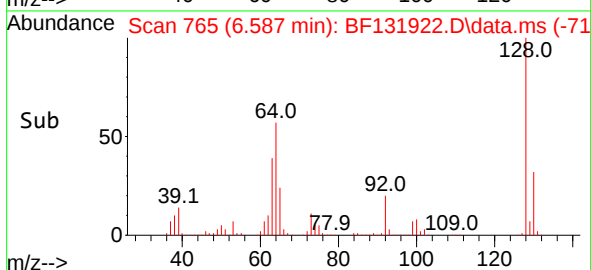
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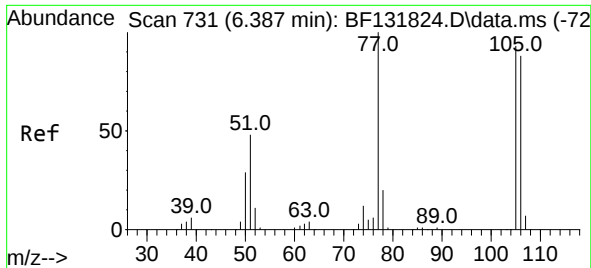


#8
2-Chlorophenol
Concen: 44.792 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



Tgt Ion:128 Resp: 193769
Ion Ratio Lower Upper
128 100
130 32.3 12.6 52.6
64 57.5 30.7 70.7





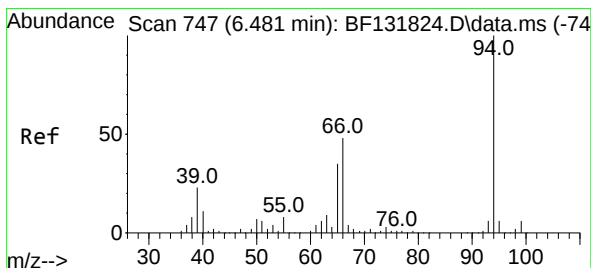
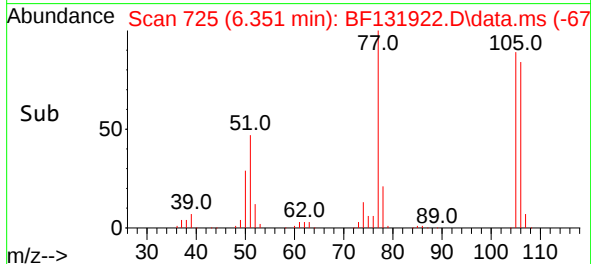
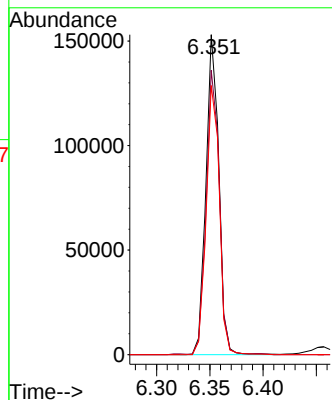
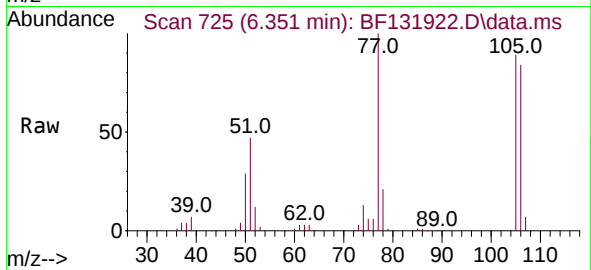
#9
Benzaldehyde
Concen: 37.004 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Tgt Ion: 77 Resp: 12808
Ion Ratio Lower Upper
77 100
105 88.8 72.9 112.9
106 84.1 68.5 108.5

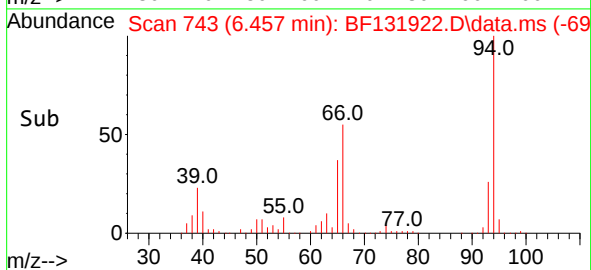
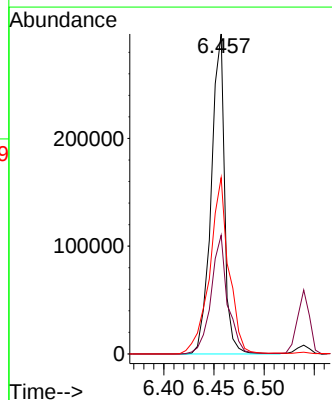
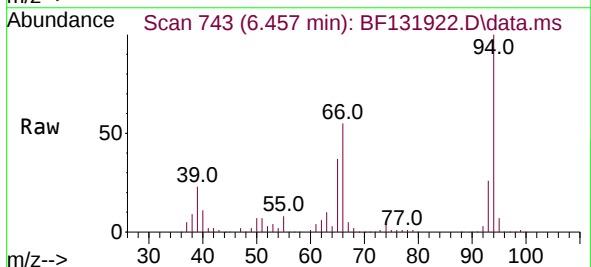
Manual Integrations
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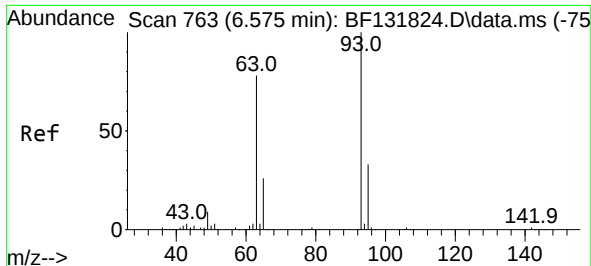
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#10
Phenol
Concen: 42.760 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Tgt Ion: 94 Resp: 274701
Ion Ratio Lower Upper
94 100
65 37.1 14.6 54.6
66 55.1 28.2 68.2





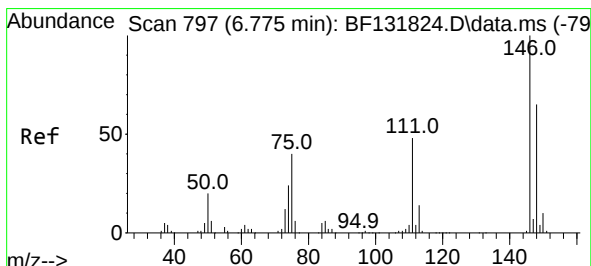
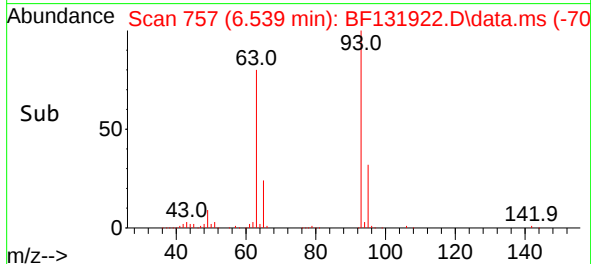
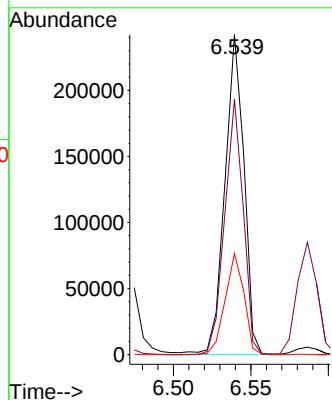
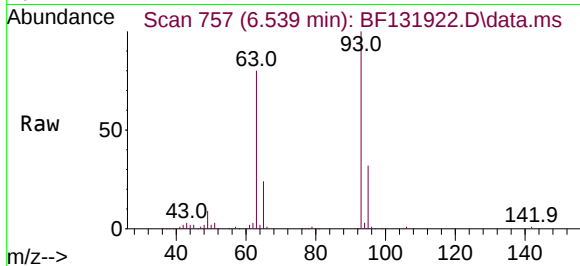
#11
bis(2-Chloroethyl)ether
Concen: 45.017 ng
RT: 6.539 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Tgt Ion: 93 Resp: 206810
Ion Ratio Lower Upper
93 100
63 79.9 57.6 97.6
95 31.6 12.7 52.7

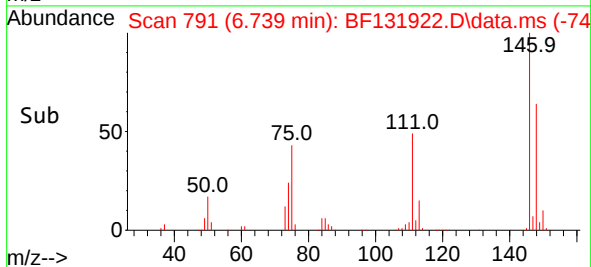
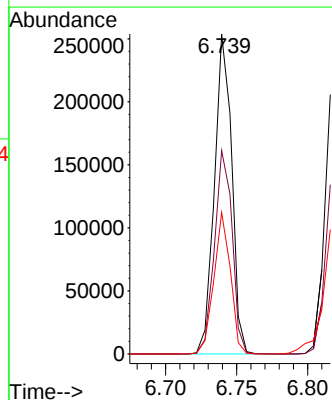
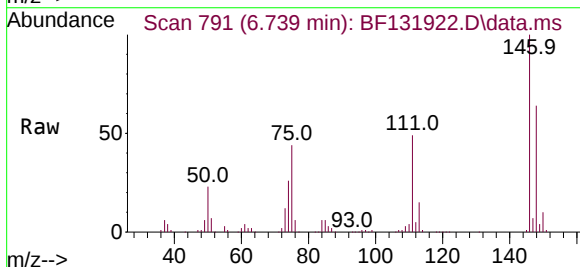
Manual Integrations
APPROVED

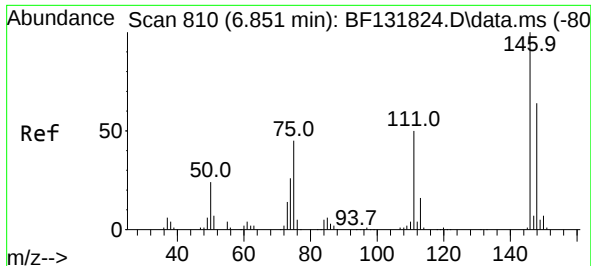
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#12
1,3-Dichlorobenzene
Concen: 43.621 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

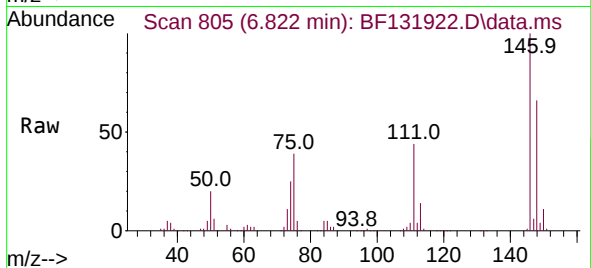
Tgt Ion:146 Resp: 215646
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
75 44.2 32.2 48.4





#13
1,4-Dichlorobenzene
Concen: 43.662 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

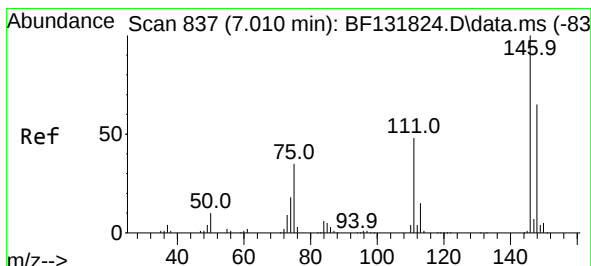
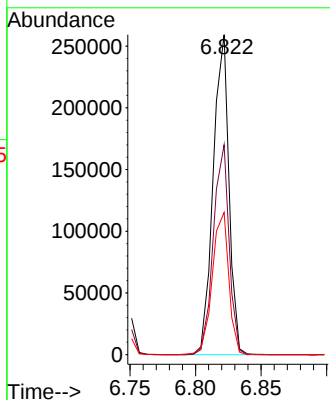
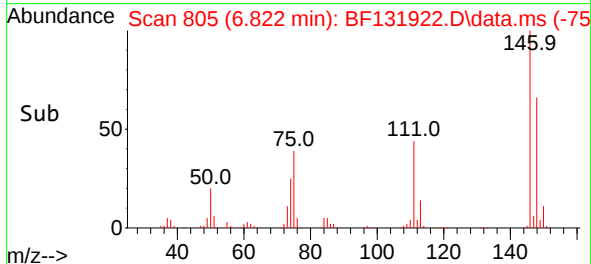
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



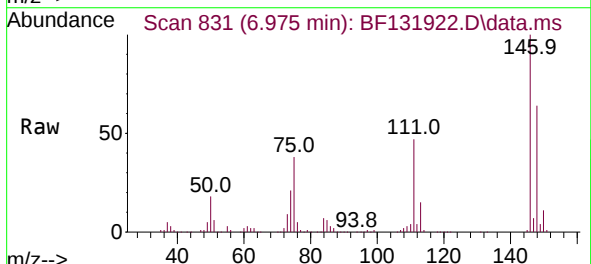
Tgt Ion:146 Resp: 217534
Ion Ratio Lower Upper
146 100
148 65.6 51.3 76.9
111 44.5 40.1 60.1

Manual Integrations
APPROVED

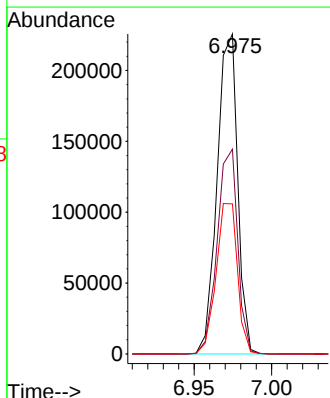
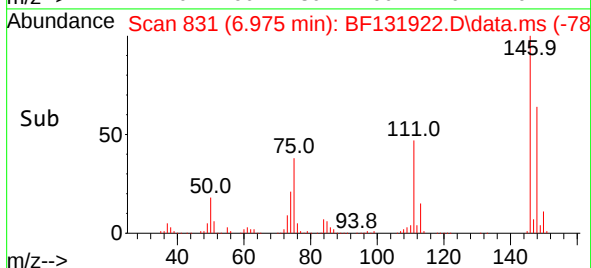
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

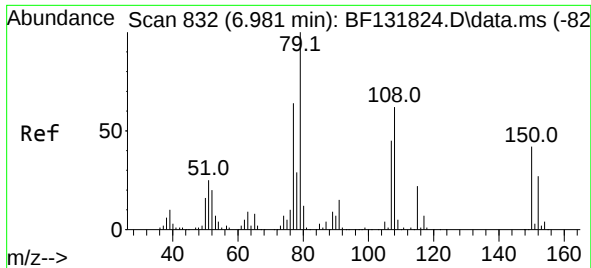


#14
1,2-Dichlorobenzene
Concen: 44.544 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



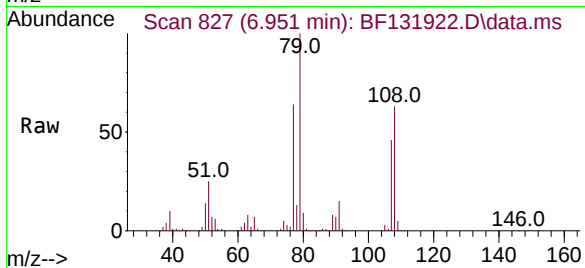
Tgt Ion:146 Resp: 208529
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.4
111 46.9 38.2 57.4





#15
Benzyl Alcohol
Concen: 45.252 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

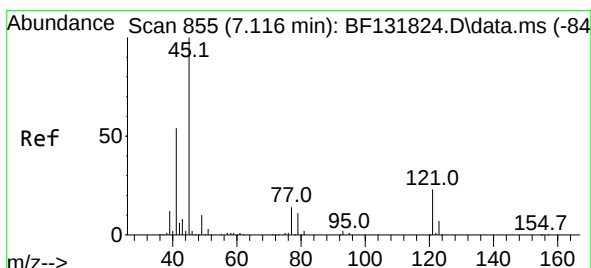
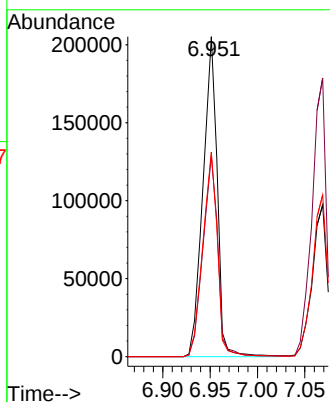
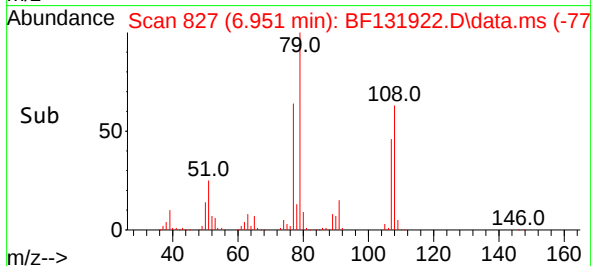
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



Tgt Ion: 79 Resp: 214076
Ion Ratio Lower Upper
79 100
108 62.9 49.8 74.8
77 63.9 51.4 77.0

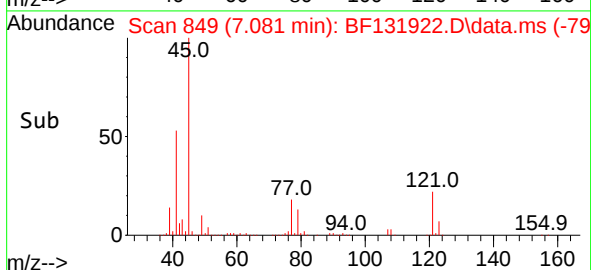
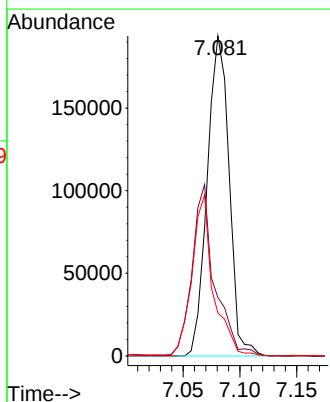
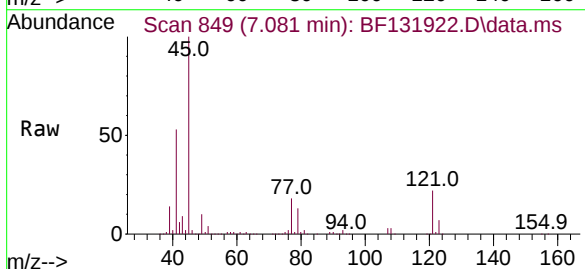
Manual Integrations
APPROVED

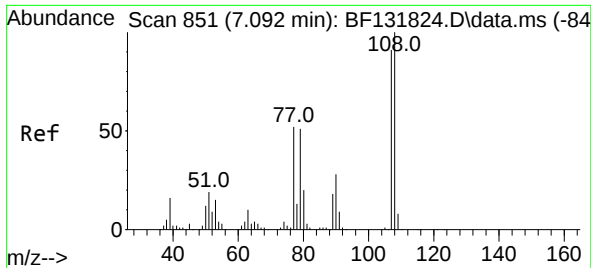
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.220 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

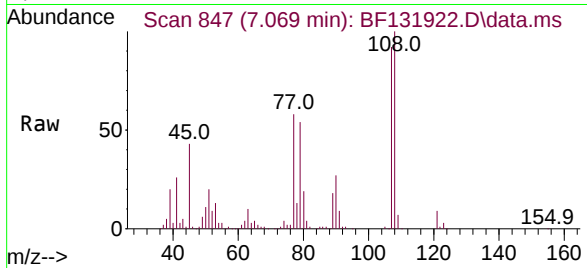
Tgt Ion: 45 Resp: 259245
Ion Ratio Lower Upper
45 100
77 18.3 0.0 36.1
79 13.4 0.0 33.3





#17
2-Methylphenol
Concen: 44.055 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

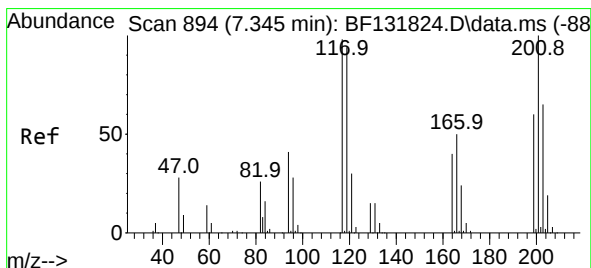
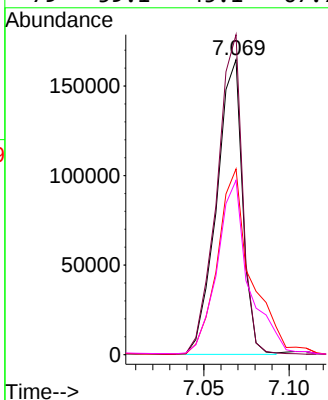
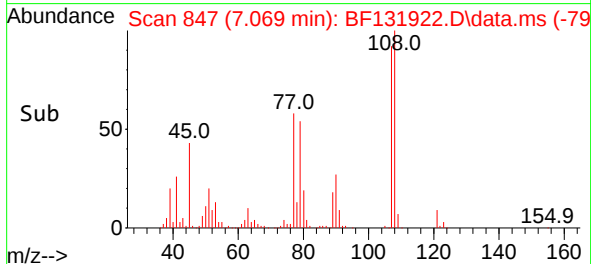
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



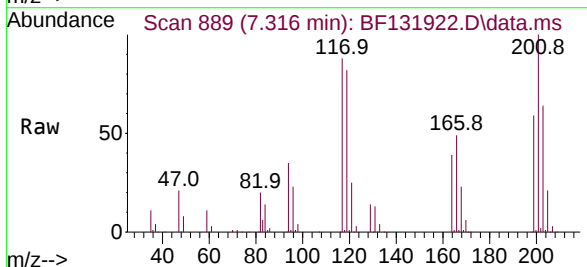
Tgt Ion:107 Resp: 174236
Ion Ratio Lower Upper
107 100
108 108.5 87.6 131.4
77 62.9 45.8 68.8
79 59.1 45.1 67.7

Manual Integrations
APPROVED

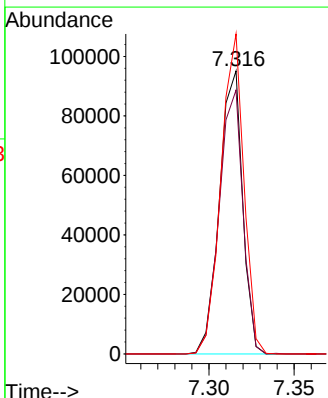
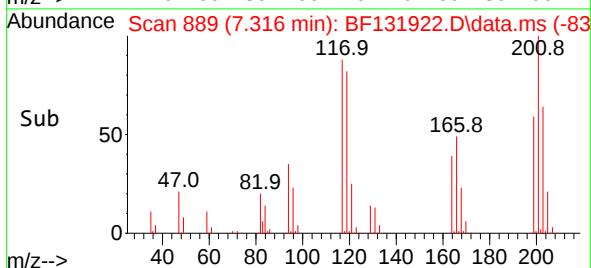
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

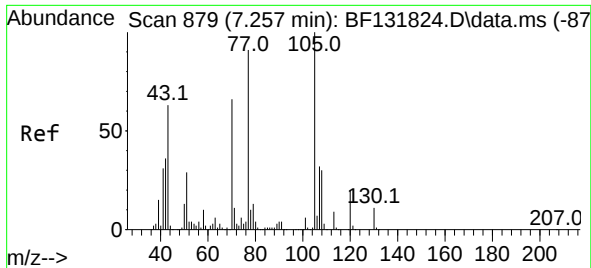


#18
Hexachloroethane
Concen: 44.650 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



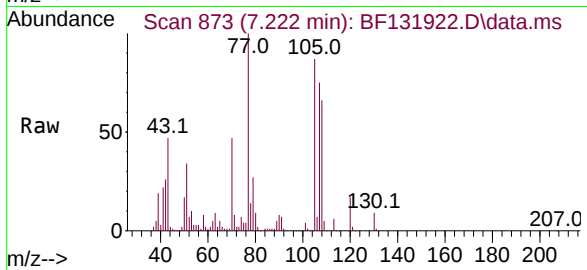
Tgt Ion:117 Resp: 89827
Ion Ratio Lower Upper
117 100
119 93.2 76.5 114.7
201 113.1 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.605 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

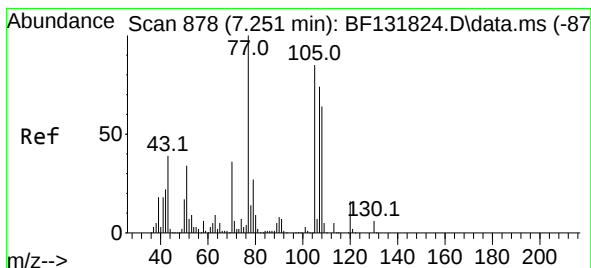
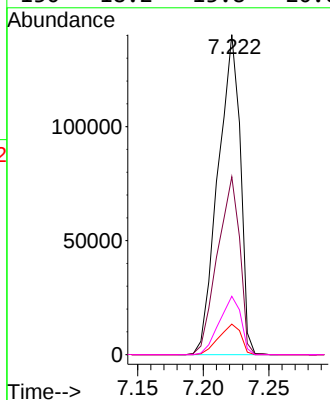
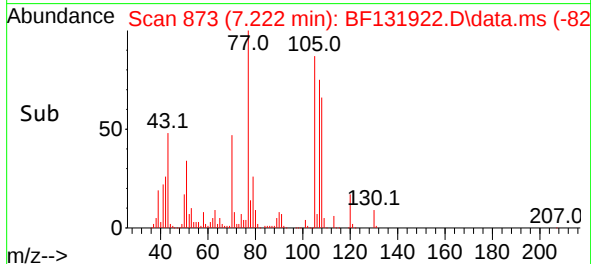
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



Tgt Ion: 70 Resp: 166134
Ion Ratio Lower Upper
70 100
42 55.6 43.8 65.6
101 9.5 7.4 11.0
130 18.2 13.8 20.6

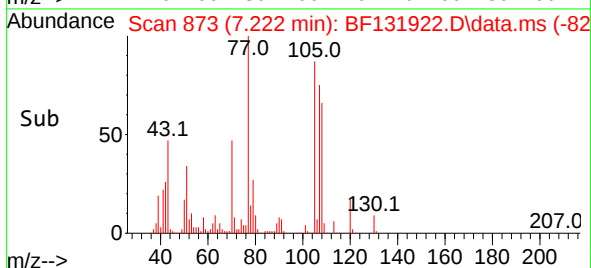
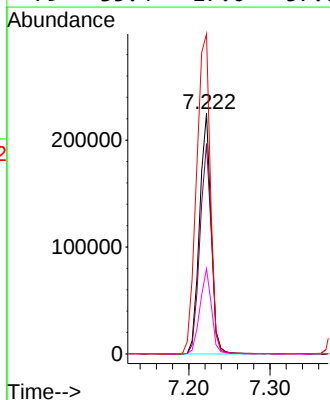
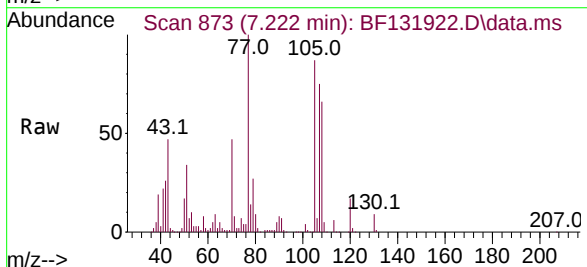
Manual Integrations
APPROVED

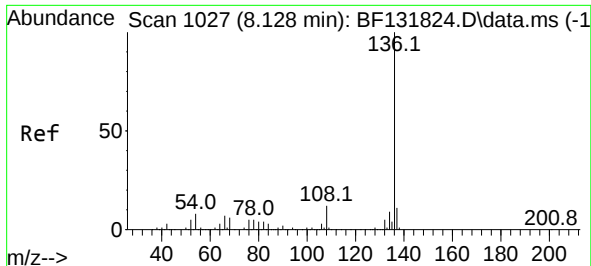
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#20
3+4-Methylphenols
Concen: 43.070 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

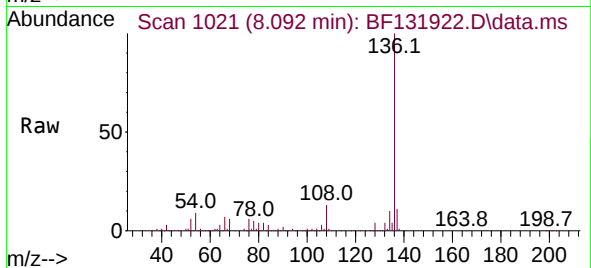
Tgt Ion:107 Resp: 222252
Ion Ratio Lower Upper
107 100
108 87.4 67.1 107.1
77 133.0 114.9 154.9
79 35.4 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

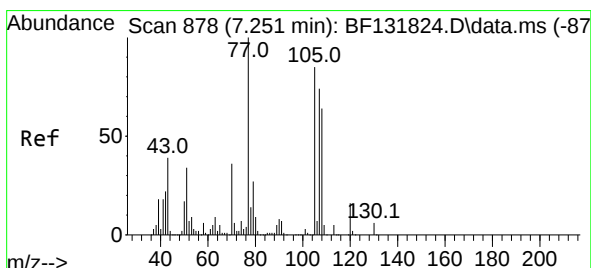
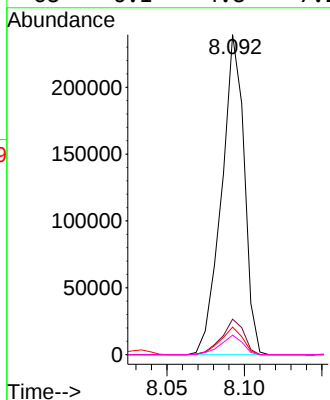
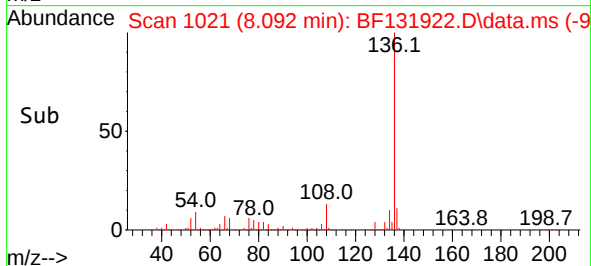
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



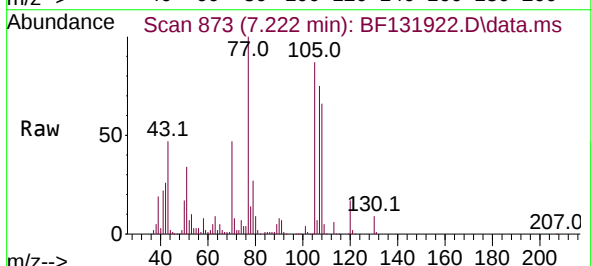
Tgt Ion:136 Resp: 242963
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.6 6.7 10.1
68 6.1 4.8 7.2

Manual Integrations
APPROVED

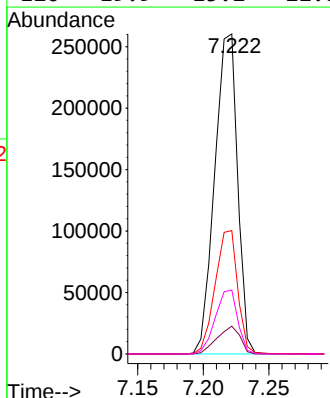
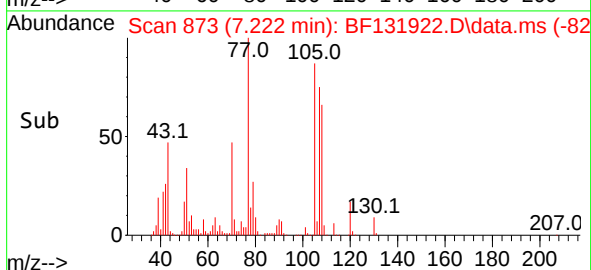
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

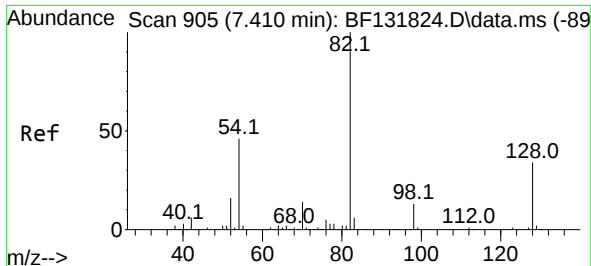


#22
Acetophenone
Concen: 44.385 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



Tgt Ion:105 Resp: 316154
Ion Ratio Lower Upper
105 100
71 8.7 5.4 8.0#
51 38.5 31.9 47.9
120 19.9 15.2 22.8





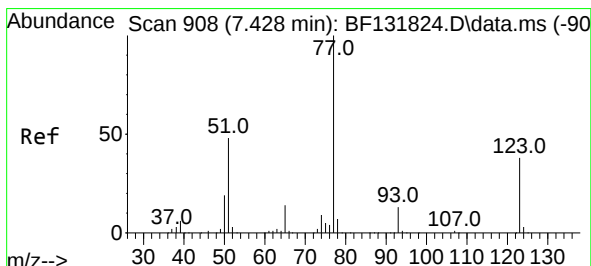
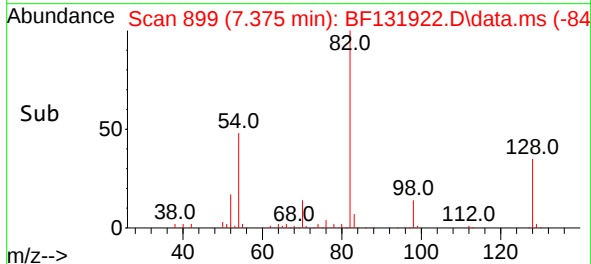
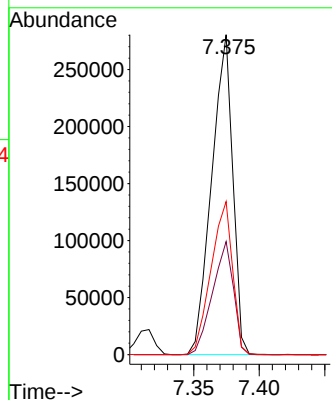
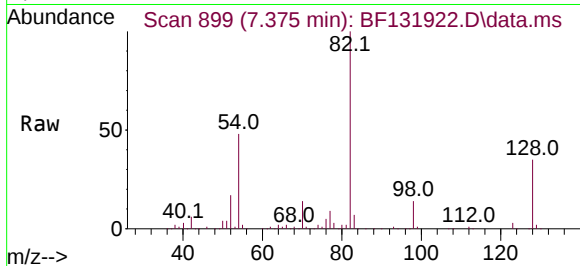
#23
Nitrobenzene-d5
Concen: 51.565 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Tgt Ion: 82 Resp: 313790
Ion Ratio Lower Upper
82 100
128 35.3 27.1 40.7
54 47.8 37.0 55.6

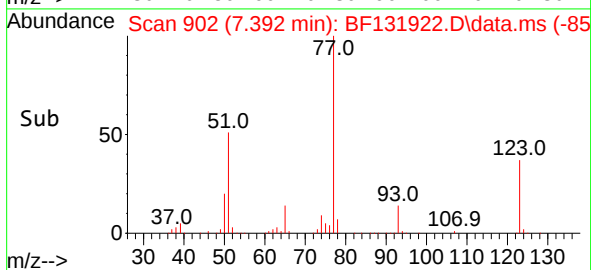
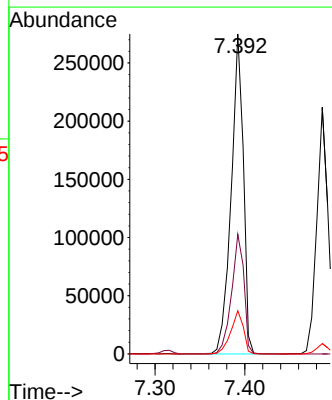
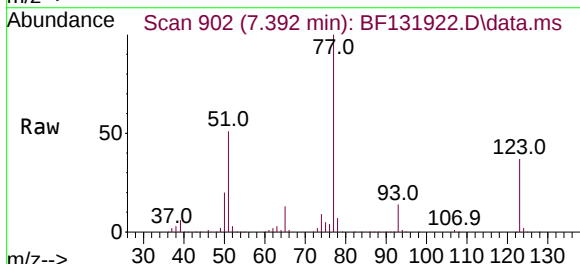
Manual Integrations
APPROVED

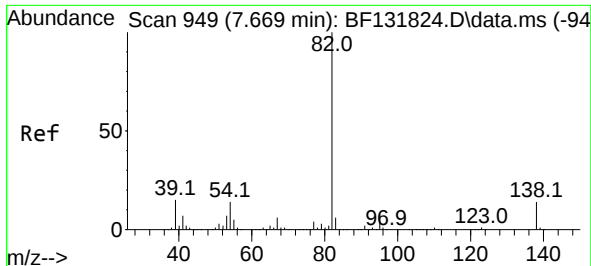
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#24
Nitrobenzene
Concen: 42.659 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Tgt Ion: 77 Resp: 260163
Ion Ratio Lower Upper
77 100
123 37.4 30.4 45.6
65 13.5 11.1 16.7





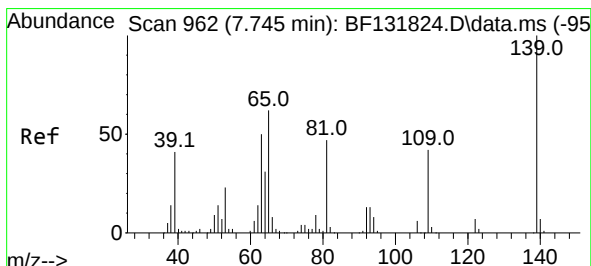
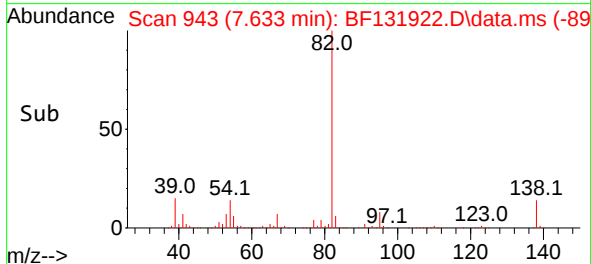
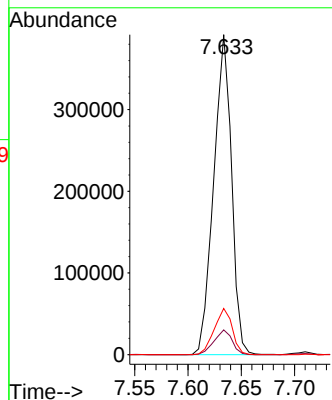
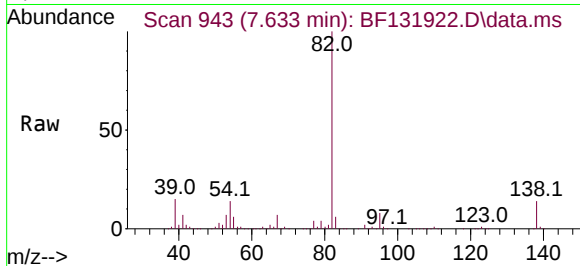
#25
Isophorone
Concen: 45.917 ng
RT: 7.633 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Tgt Ion: 82 Resp: 456316
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 14.4 11.5 17.3

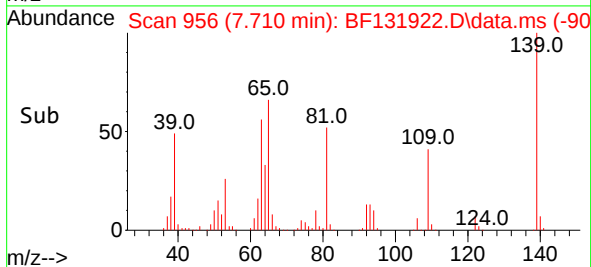
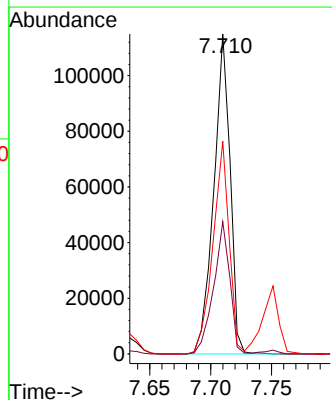
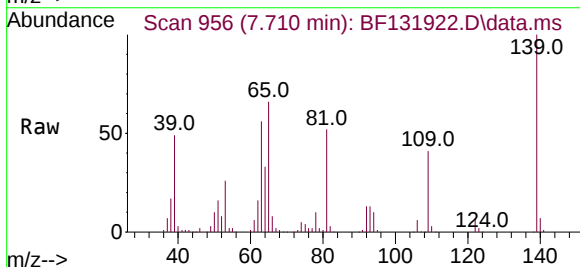
Manual Integrations
APPROVED

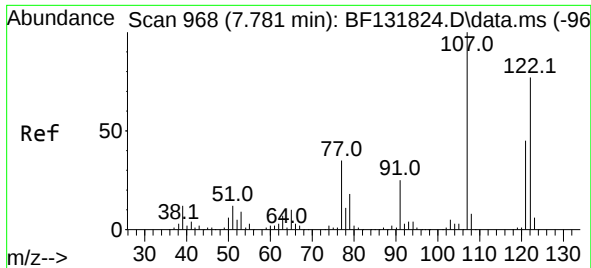
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#26
2-Nitrophenol
Concen: 45.131 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Tgt Ion:139 Resp: 107013
Ion Ratio Lower Upper
139 100
109 41.3 33.7 50.5
65 66.5 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 51.362 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :

BNA_F

ClientSampleId :

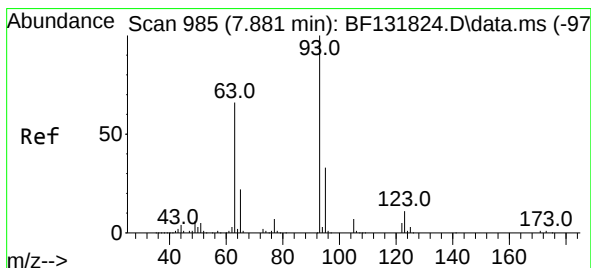
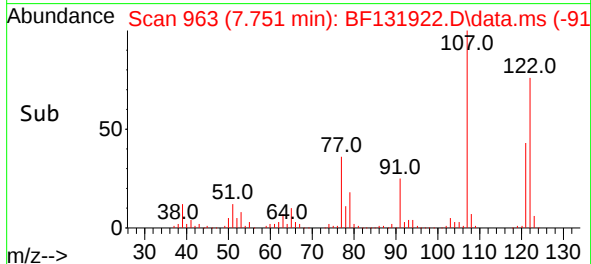
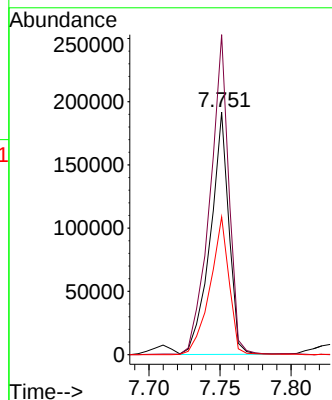
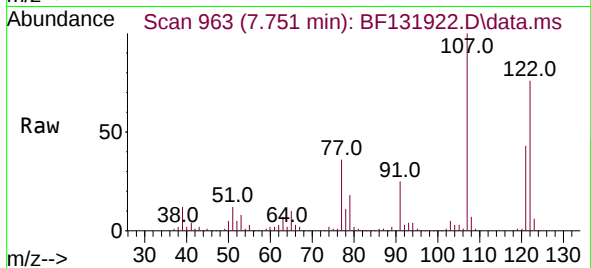
PE-12MSD

Tgt Ion:122 Resp: 173724
Ion Ratio Lower Upper
122 100
107 132.0 104.4 156.6
121 56.8 46.8 70.2

Manual Integrations

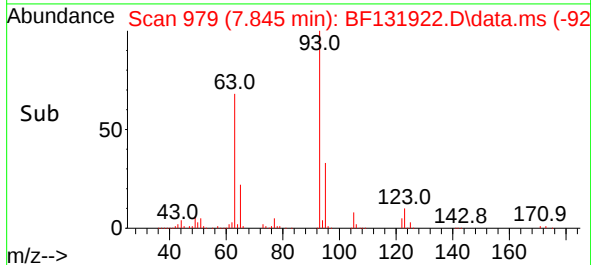
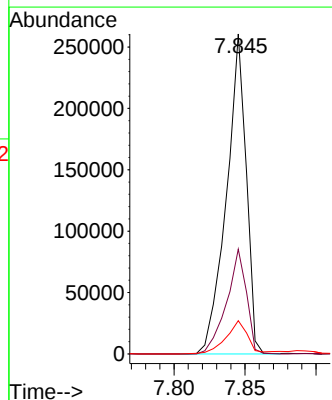
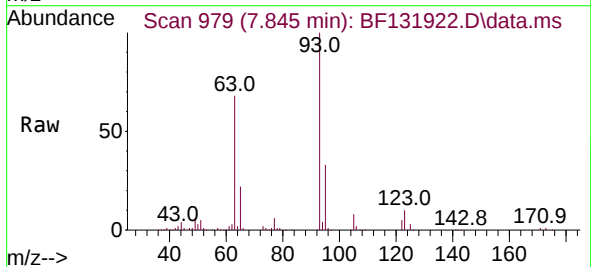
APPROVED

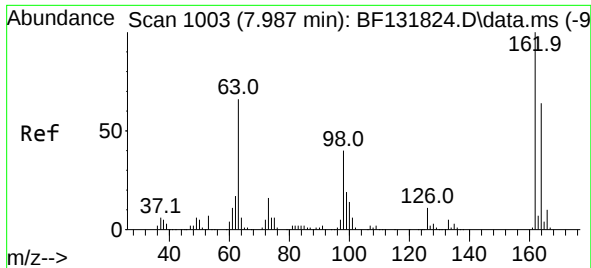
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.342 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Tgt Ion: 93 Resp: 252406
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.4 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 43.891 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF131922.D

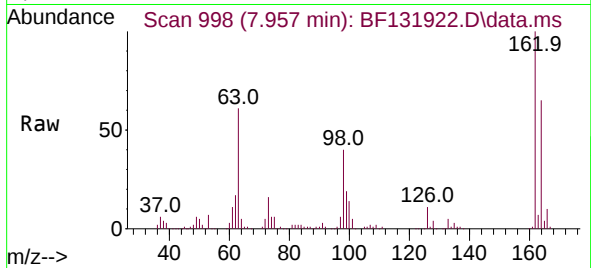
Acq: 05 Jan 2023 19:00

Instrument :

BNA_F

ClientSampleId :

PE-12MSD



Tgt Ion:162 Resp: 178854

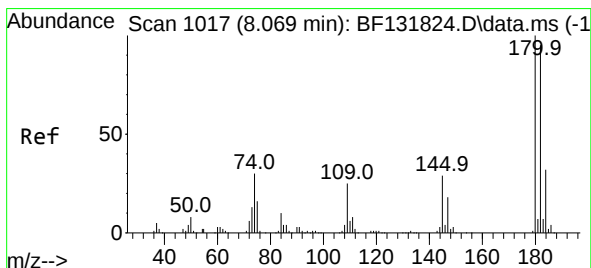
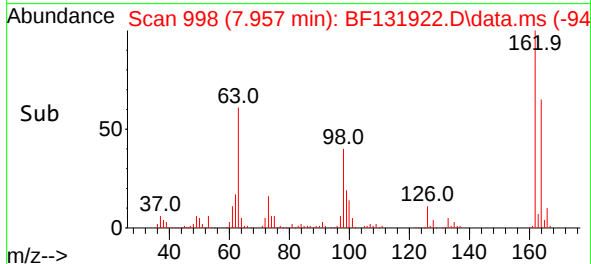
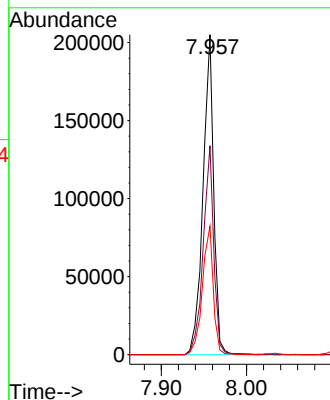
Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.1	84.1
98	40.1	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.063 ng

RT: 8.033 min Scan# 1011

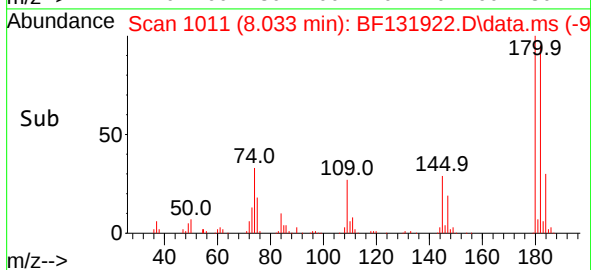
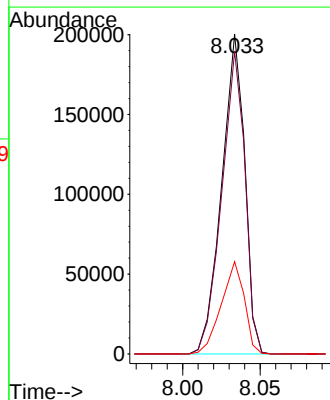
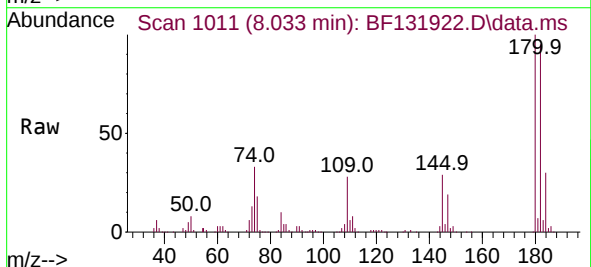
Delta R.T. 0.000 min

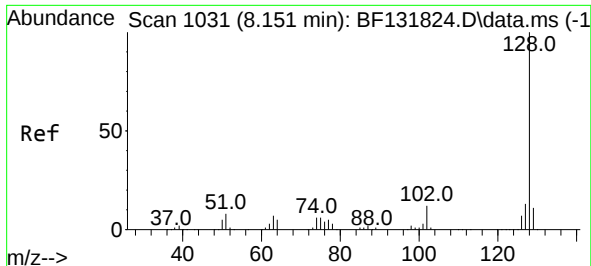
Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

Tgt Ion:180 Resp: 208055

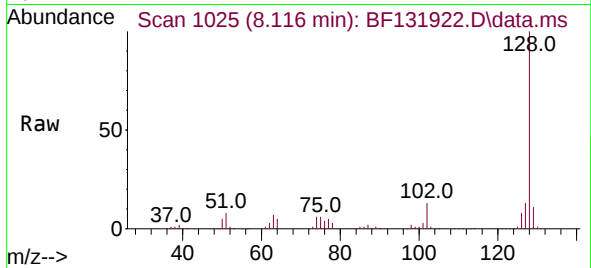
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.4
145	28.8	23.3	34.9





#31
Naphthalene
Concen: 42.189 ng
RT: 8.116 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

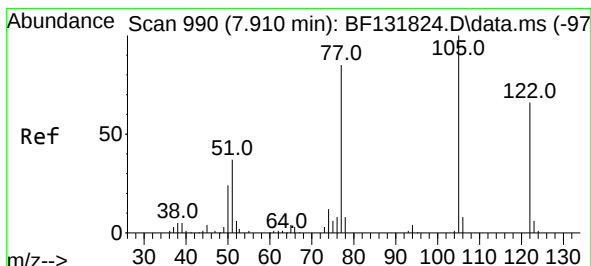
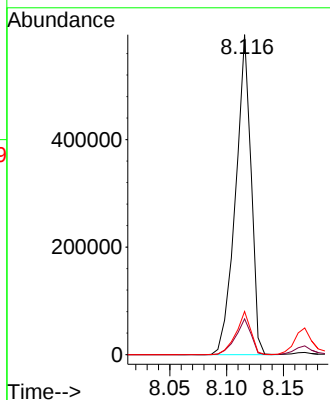
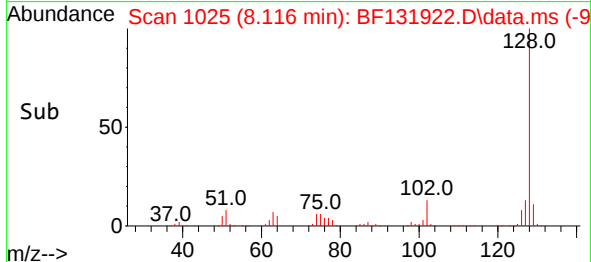
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



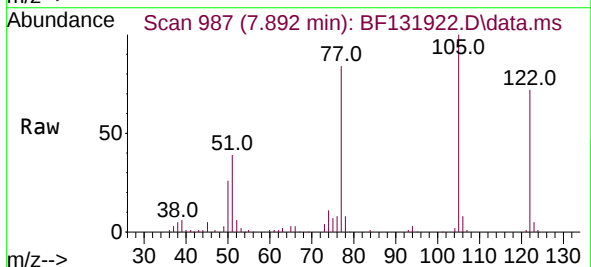
Tgt Ion:128 Resp: 561365
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.5 10.6 15.8

Manual Integrations
APPROVED

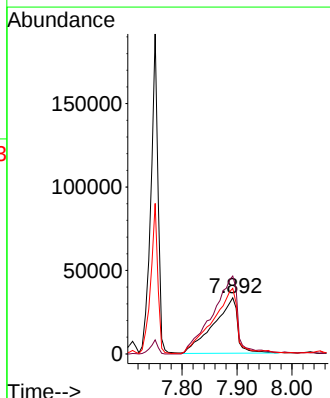
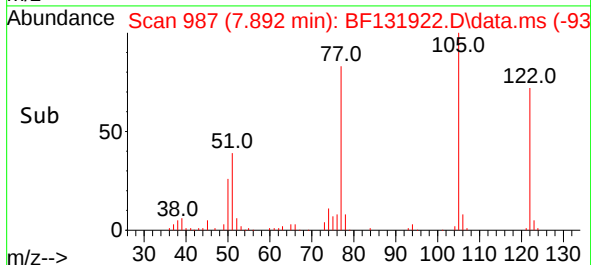
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

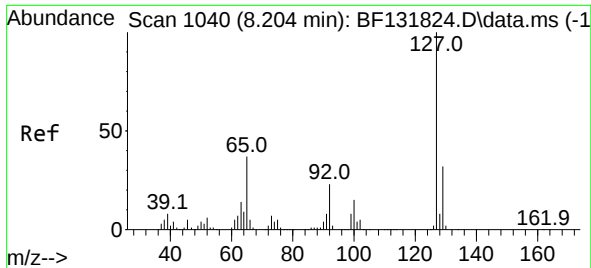


#32
Benzoic acid
Concen: 41.401 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.012 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



Tgt Ion:122 Resp: 102351
Ion Ratio Lower Upper
122 100
105 138.8 127.9 167.9
77 116.9 106.9 146.9





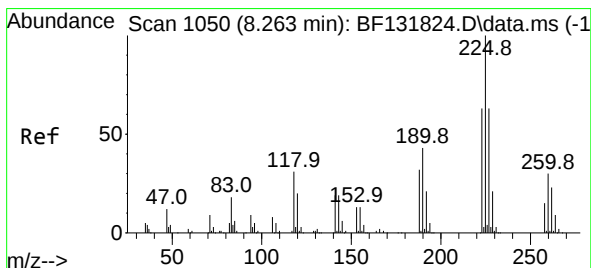
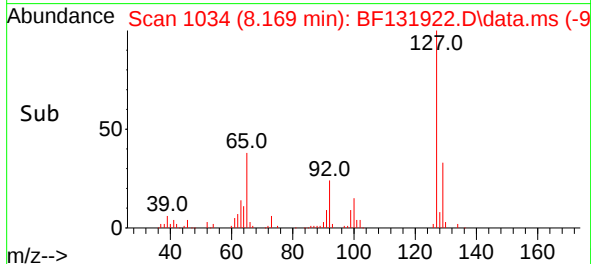
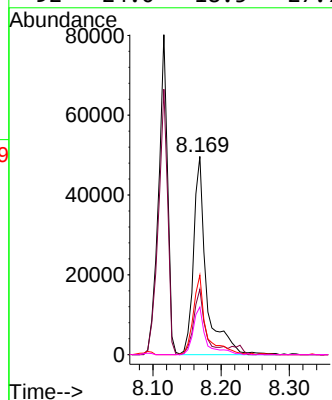
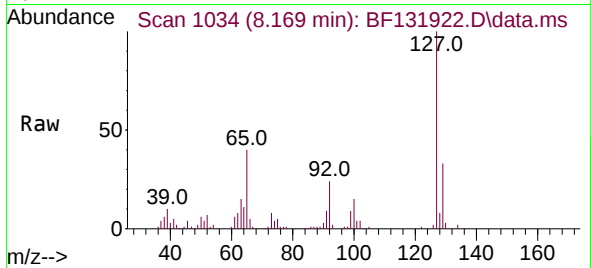
#33
4-Chloroaniline
Concen: 12.836 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Tgt Ion:	127	Resp:	6553
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.8	38.8
65	40.1	29.7	44.5
92	24.0	18.5	27.7

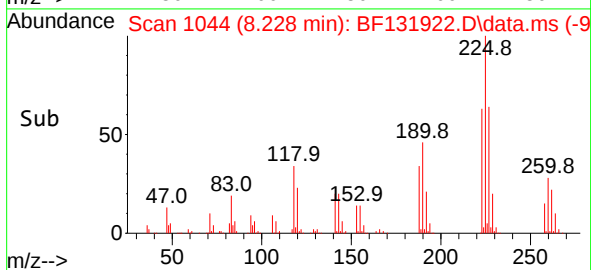
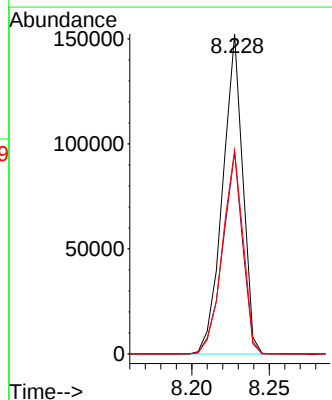
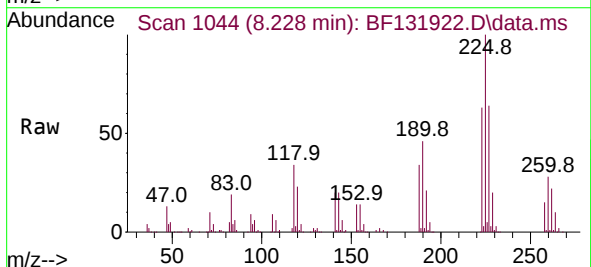
Manual Integrations
APPROVED

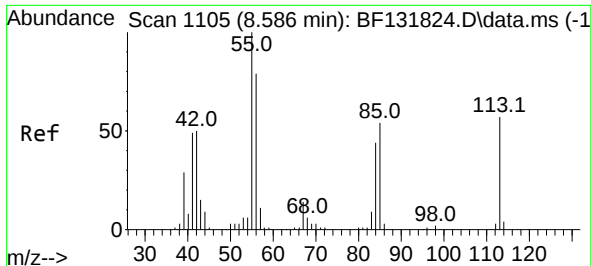
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#34
Hexachlorobutadiene
Concen: 41.450 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

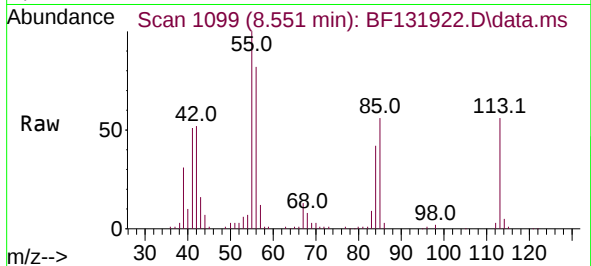
Tgt Ion:	225	Resp:	137013
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.0	75.0
227	63.7	50.8	76.2





#35
Caprolactam
Concen: 42.672 ng m
RT: 8.551 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

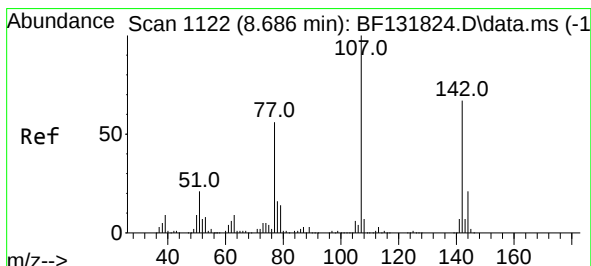
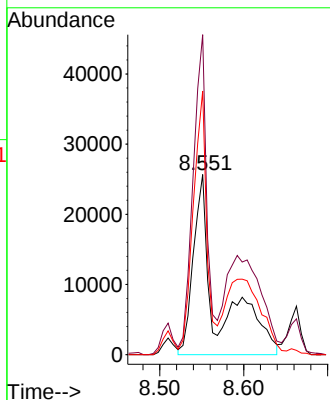
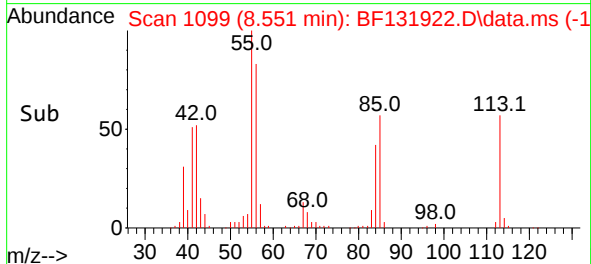
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



Tgt Ion:113 Resp: 51484
Ion Ratio Lower Upper
113 100
55 177.6 153.3 193.3
56 146.4 116.3 156.3

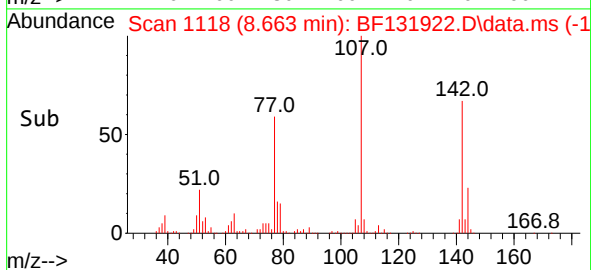
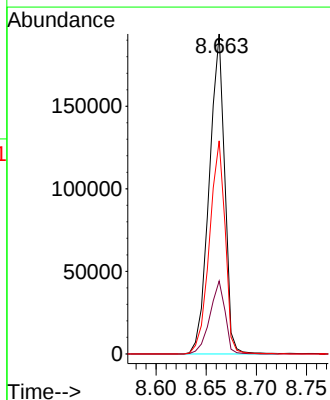
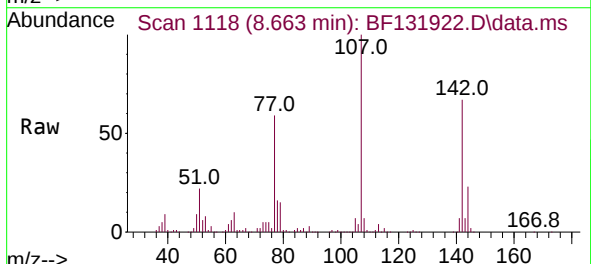
Manual Integrations
APPROVED

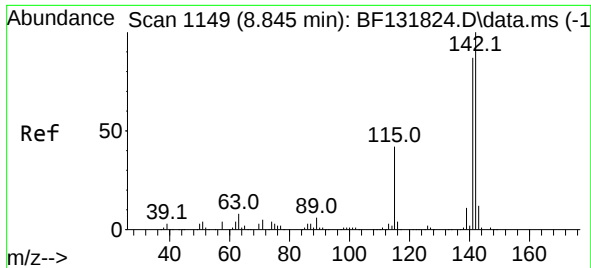
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#36
4-Chloro-3-methylphenol
Concen: 44.976 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

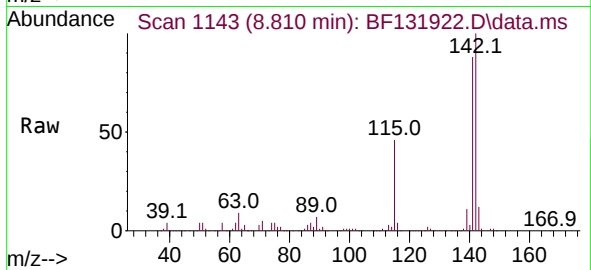
Tgt Ion:107 Resp: 207135
Ion Ratio Lower Upper
107 100
144 22.8 16.8 25.2
142 66.6 53.8 80.8





#37
2-Methylnaphthalene
Concen: 42.628 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

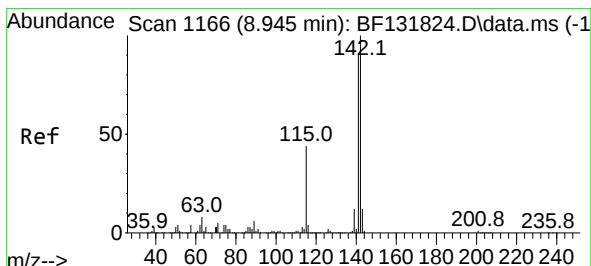
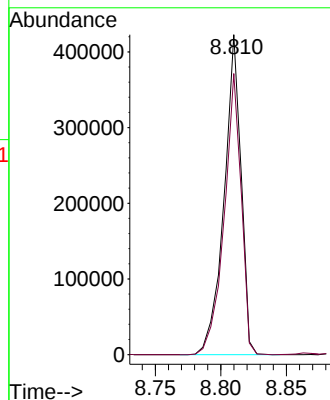
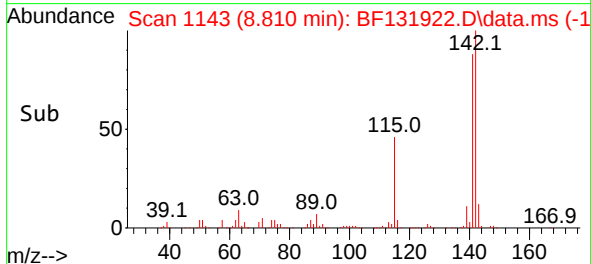
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



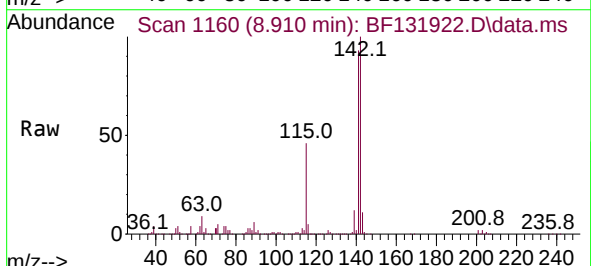
Tgt Ion:142 Resp: 380681
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.8

Manual Integrations
APPROVED

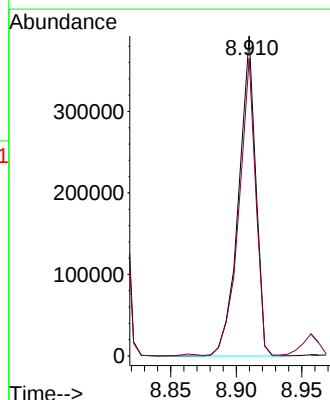
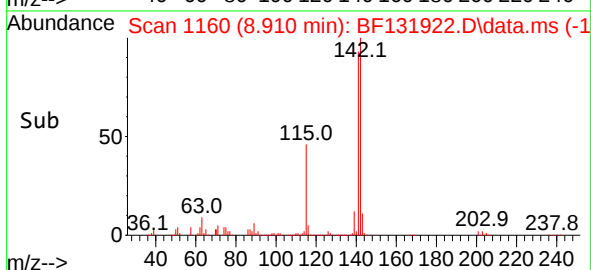
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

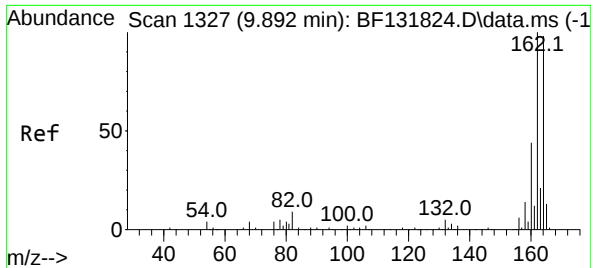


#38
1-Methylnaphthalene
Concen: 40.834 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



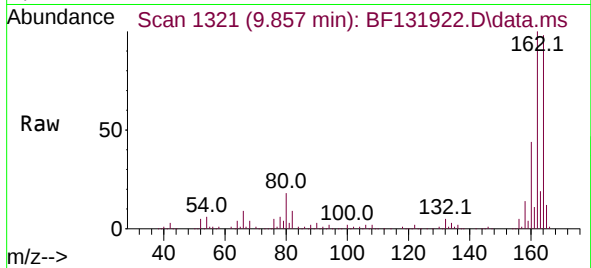
Tgt Ion:142 Resp: 354205
Ion Ratio Lower Upper
142 100
141 93.0 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

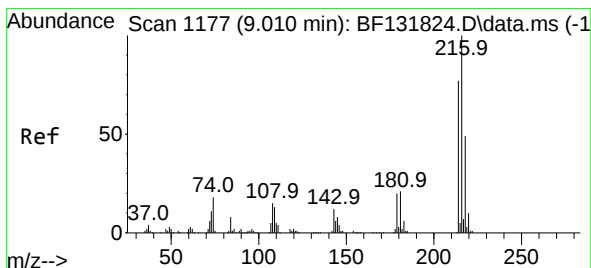
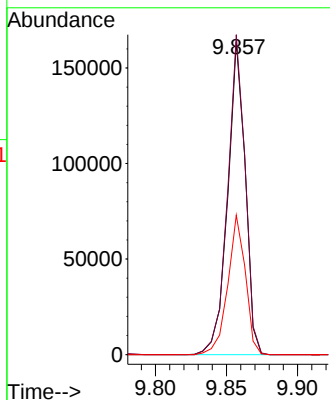
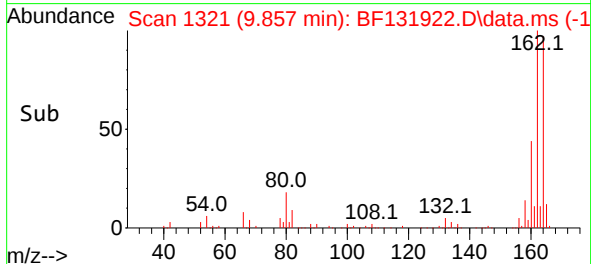
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



Tgt Ion:164 Resp: 140852
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 44.6 35.7 53.5

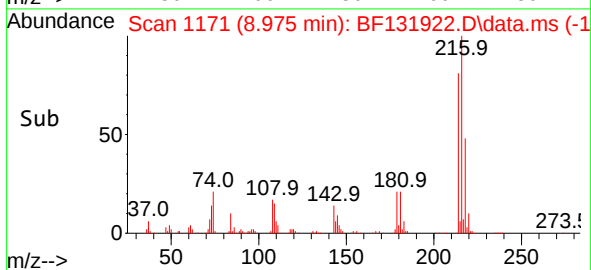
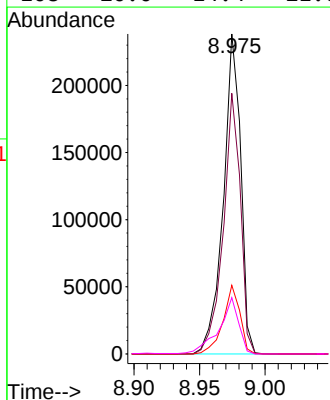
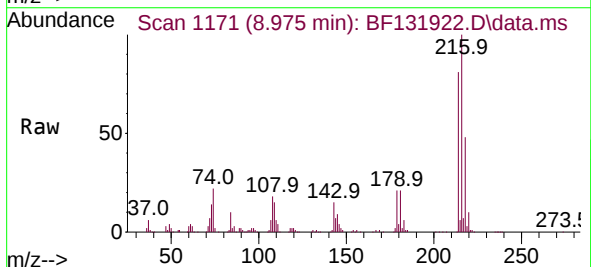
Manual Integrations
APPROVED

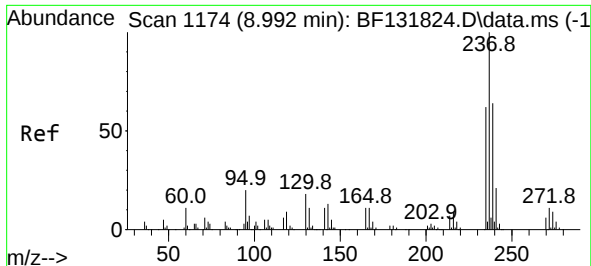
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.461 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

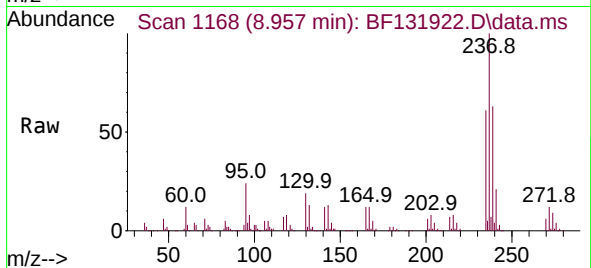
Tgt Ion:216 Resp: 219895
Ion Ratio Lower Upper
216 100
214 80.0 63.0 94.4
179 20.9 16.4 24.6
108 20.0 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 93.505 ng
RT: 8.957 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

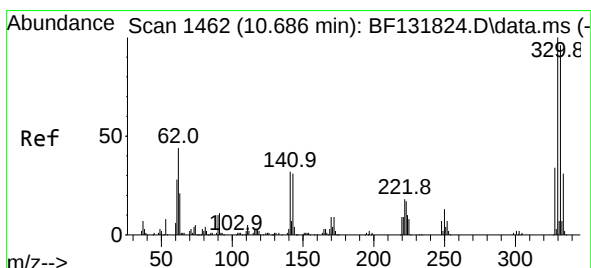
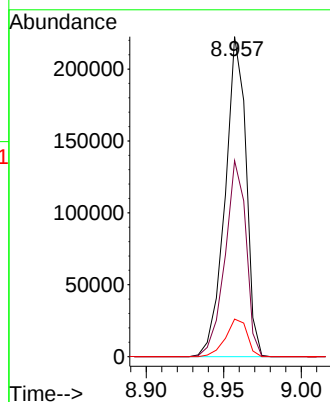
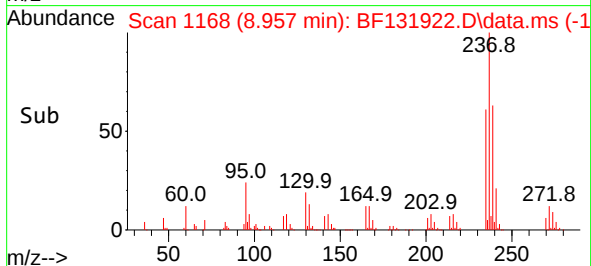
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



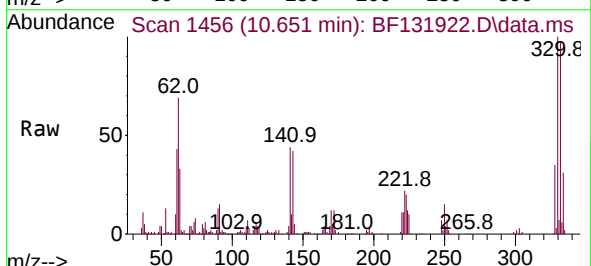
Tgt Ion:237 Resp: 209356
Ion Ratio Lower Upper
237 100
235 61.2 42.3 82.3
272 11.7 0.0 31.4

Manual Integrations
APPROVED

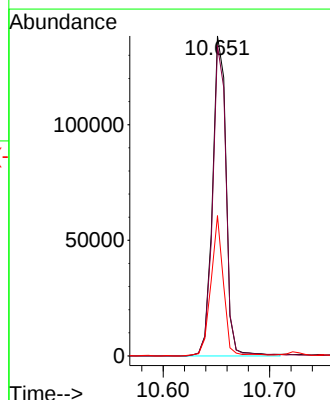
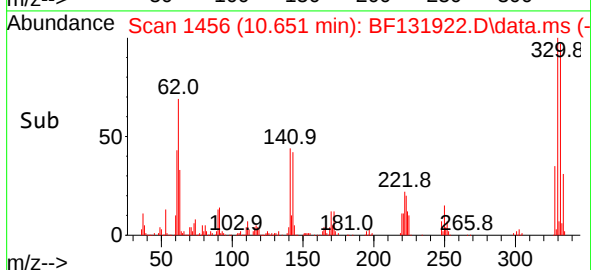
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

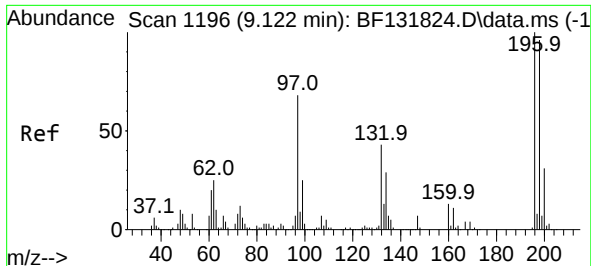


#42
2,4,6-Tribromophenol
Concen: 80.233 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



Tgt Ion:330 Resp: 122790
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 40.5 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.700 ng

RT: 9.092 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

Instrument :

BNA_F

ClientSampleId :

PE-12MSD

Tgt Ion:196 Resp: 135260

Ion Ratio Lower Upper

196 100

198 95.3 76.5 114.7

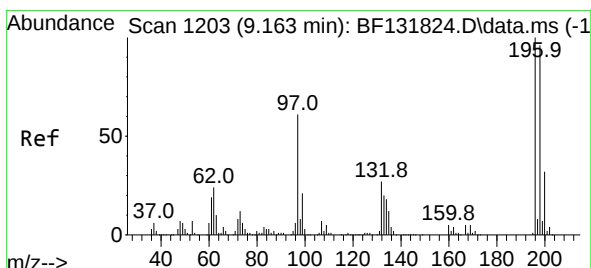
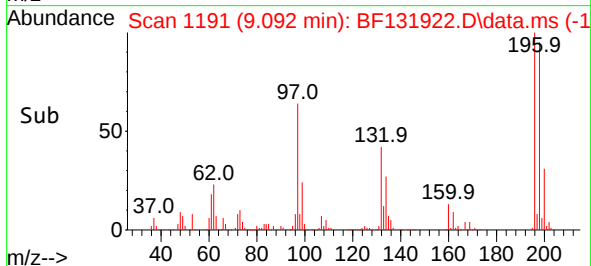
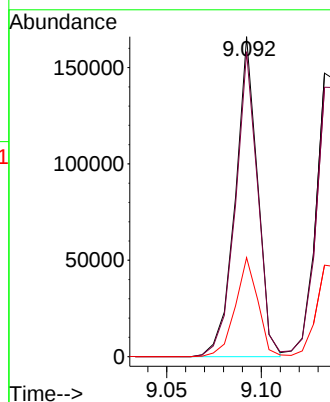
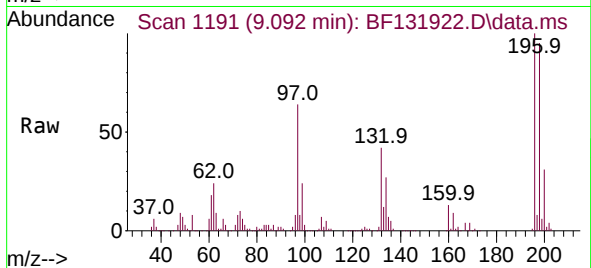
200 31.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#44

2,4,5-Trichlorophenol

Concen: 41.481 ng

RT: 9.133 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

Tgt Ion:196 Resp: 142036

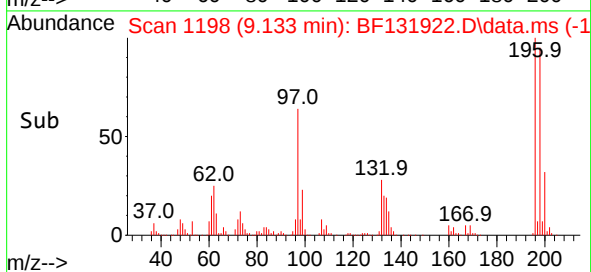
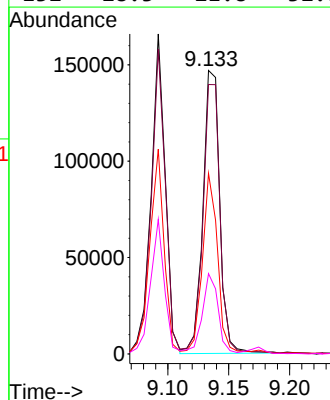
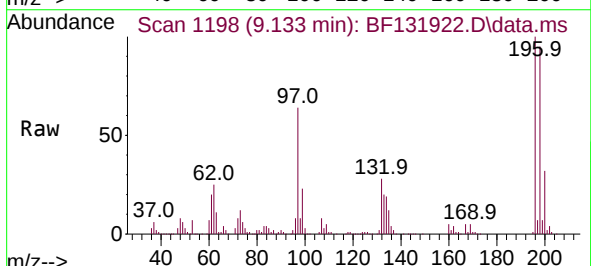
Ion Ratio Lower Upper

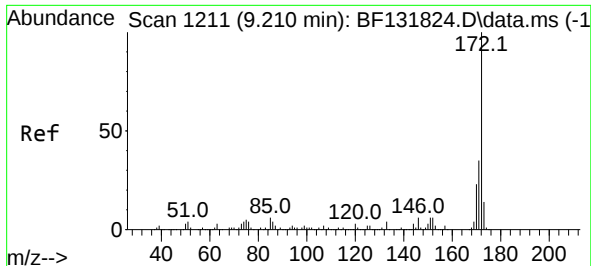
196 100

198 95.0 76.6 115.0

97 63.7 49.3 73.9

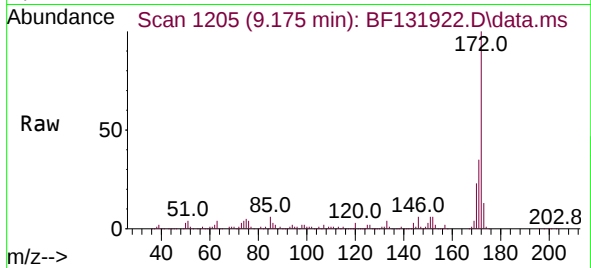
132 28.3 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 51.110 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

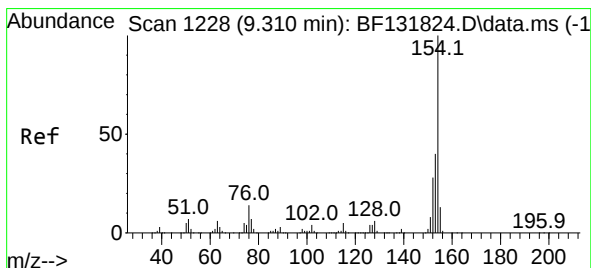
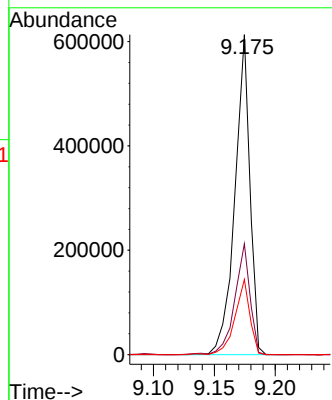
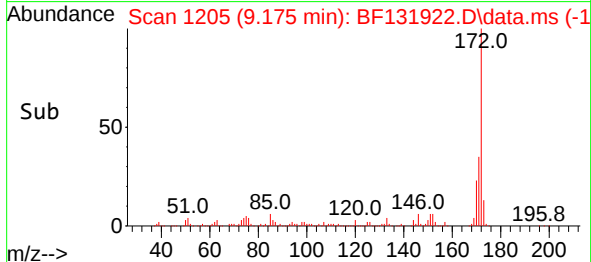
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



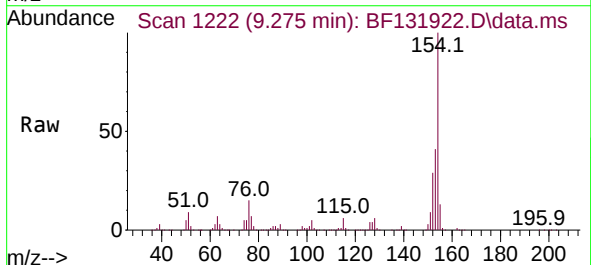
Tgt Ion:172 Resp: 525596
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.5 18.7 28.1

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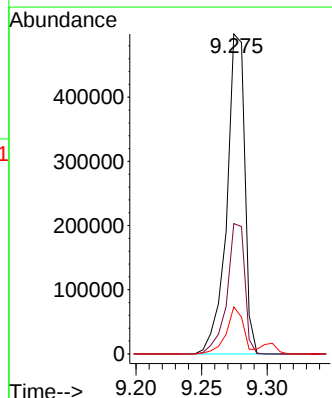
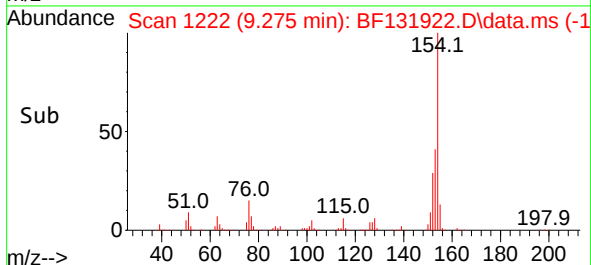
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

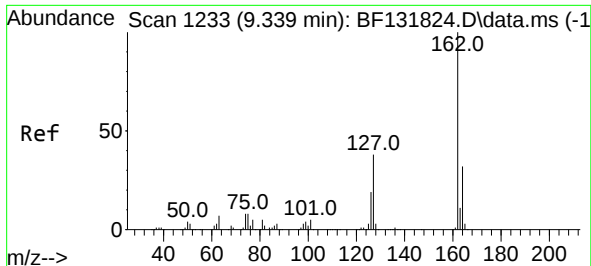


#46
1,1'-Biphenyl
Concen: 44.240 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



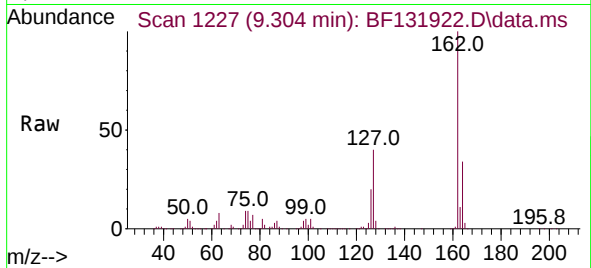
Tgt Ion:154 Resp: 477085
Ion Ratio Lower Upper
154 100
153 40.7 19.8 59.8
76 14.7 0.0 33.9





#47
2-Chloronaphthalene
Concen: 43.327 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

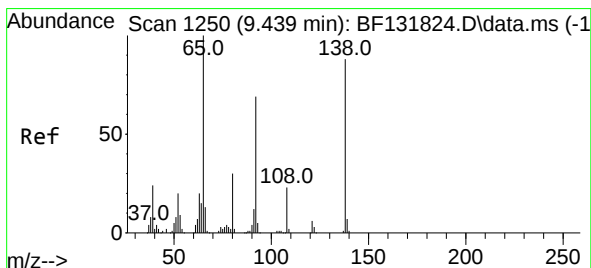
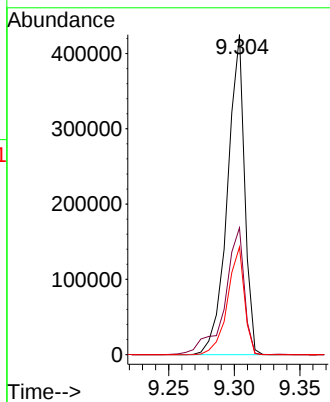
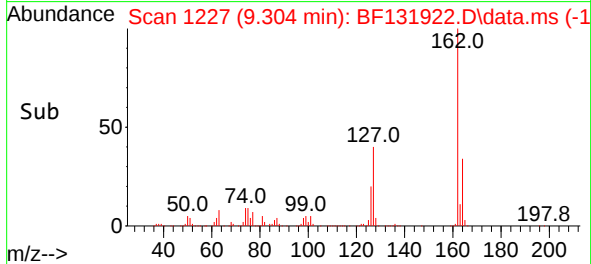
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



Tgt Ion:162 Resp: 386556
Ion Ratio Lower Upper
162 100
127 39.6 31.0 46.6
164 33.6 25.9 38.9

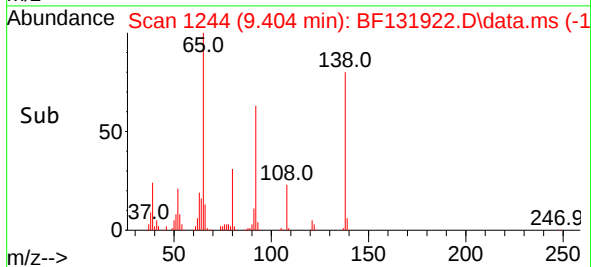
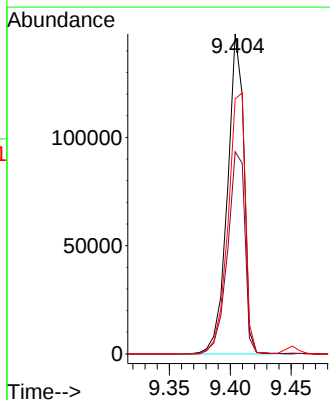
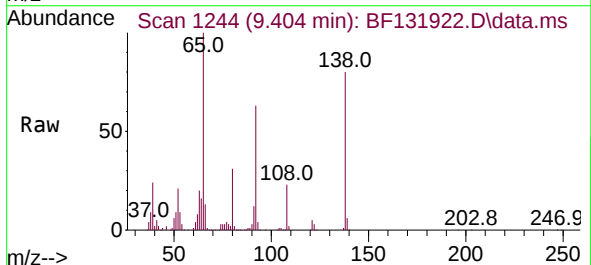
Manual Integrations
APPROVED

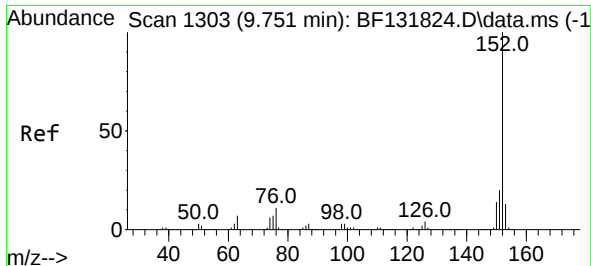
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#48
2-Nitroaniline
Concen: 42.645 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

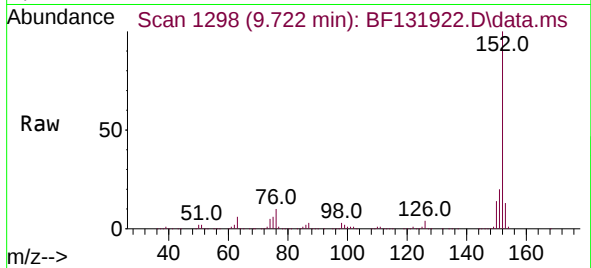
Tgt Ion: 65 Resp: 139457
Ion Ratio Lower Upper
65 100
92 63.2 55.0 82.6
138 79.7 70.4 105.6





#49
Acenaphthylene
Concen: 43.688 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

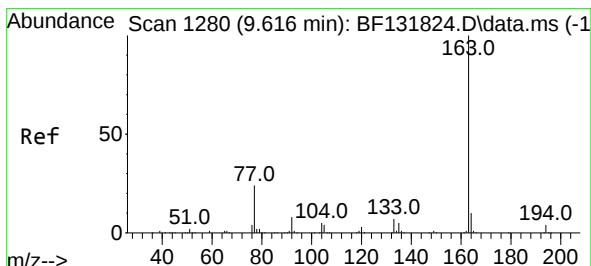
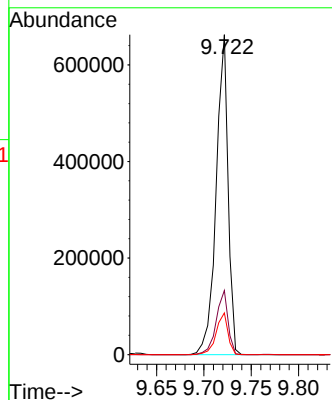
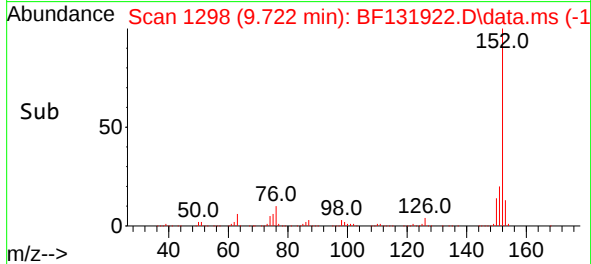
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



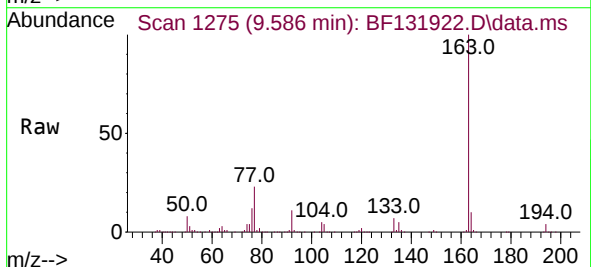
Tgt Ion:152 Resp: 580388
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.0 10.2 15.4

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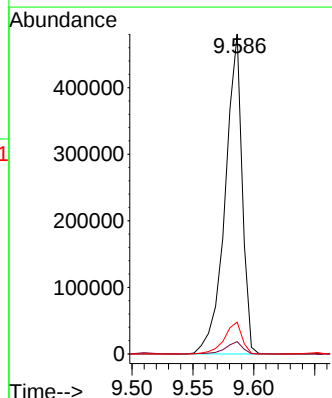
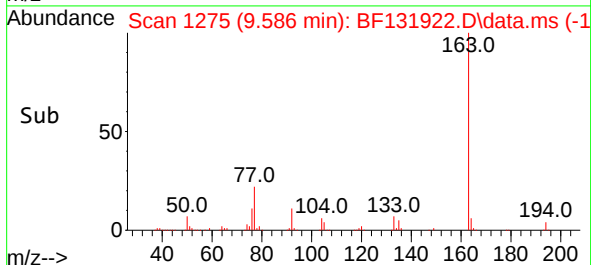
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

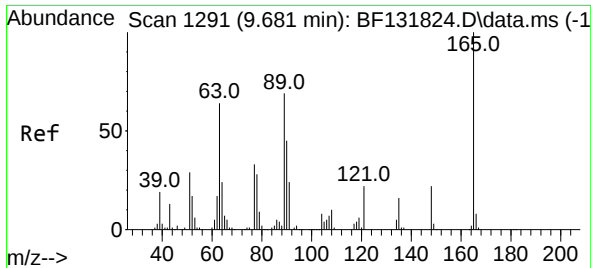


#50
Dimethylphthalate
Concen: 43.461 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



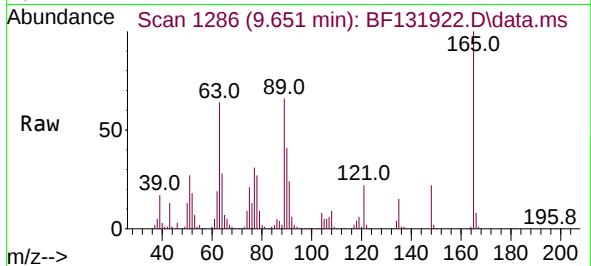
Tgt Ion:163 Resp: 463133
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 44.428 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

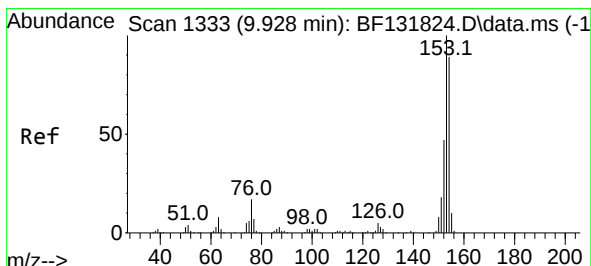
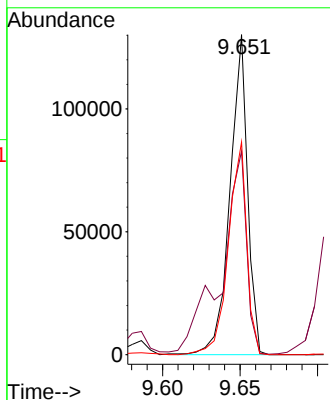
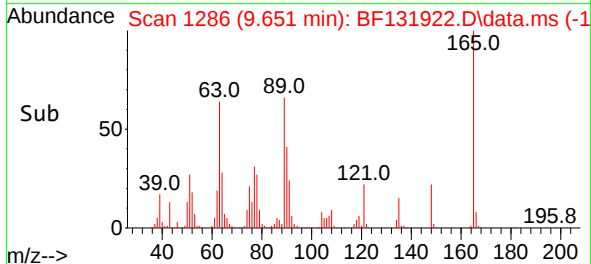
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



Tgt Ion:165 Resp: 102488
Ion Ratio Lower Upper
165 100
63 63.6 55.1 82.7
89 66.4 55.0 82.4

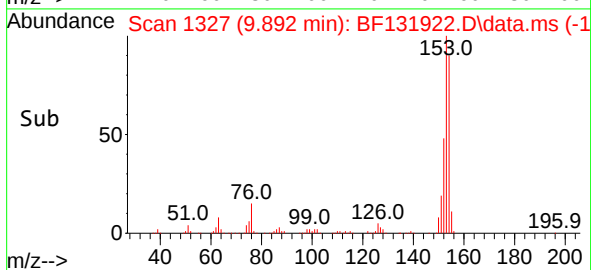
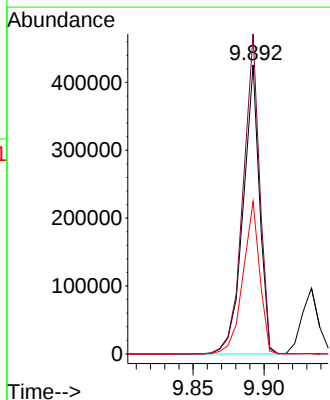
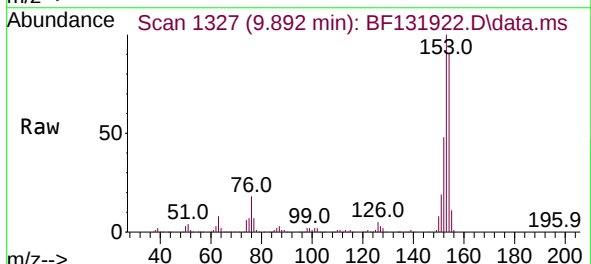
Manual Integrations
APPROVED

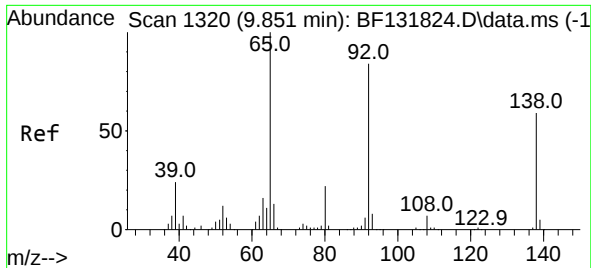
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#52
Acenaphthene
Concen: 42.620 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Tgt Ion:154 Resp: 341717
Ion Ratio Lower Upper
154 100
153 110.7 90.2 135.2
152 52.8 42.5 63.7





#53
3-Nitroaniline
Concen: 20.654 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :

BNA_F

ClientSampleId :

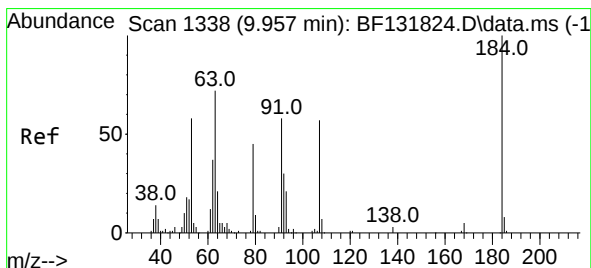
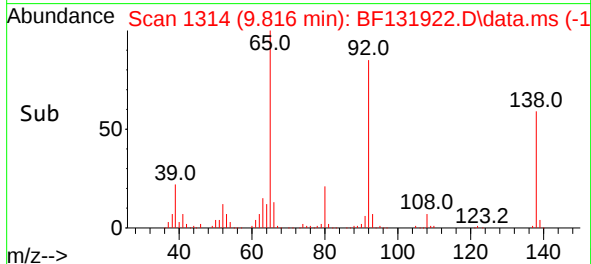
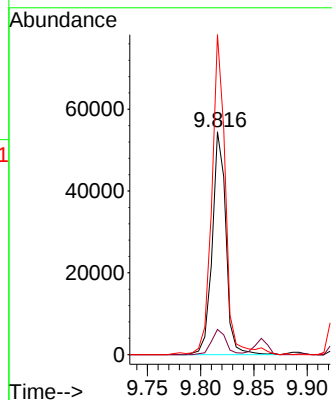
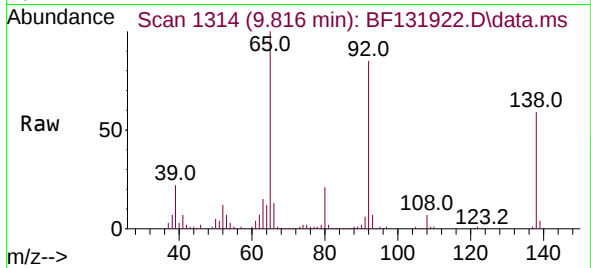
PE-12MSD

Tgt Ion:138 Resp: 48548
Ion Ratio Lower Upper
138 100
108 11.3 9.3 13.9
92 143.7 113.9 170.9

Manual Integrations

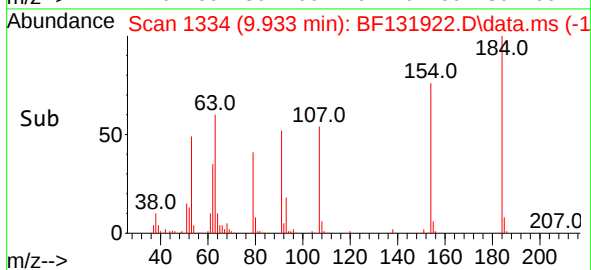
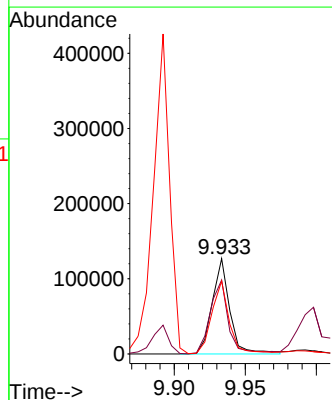
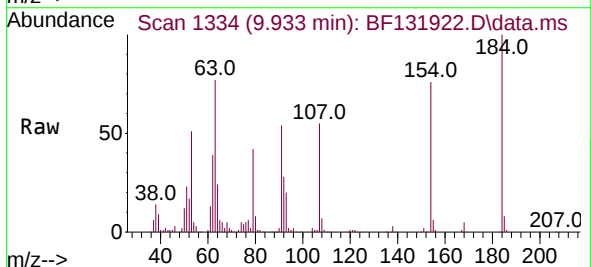
APPROVED

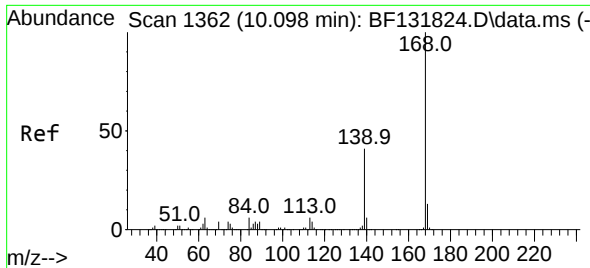
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#54
2,4-Dinitrophenol
Concen: 82.075 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

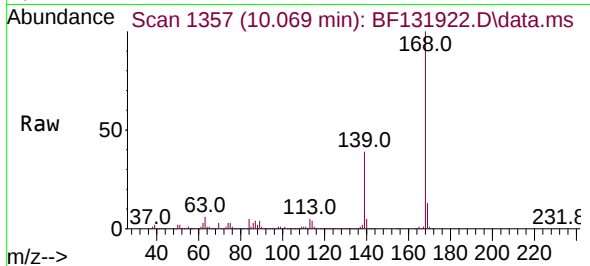
Tgt Ion:184 Resp: 108956
Ion Ratio Lower Upper
184 100
63 77.4 66.8 100.2
154 76.4 61.6 92.4





#55
Dibenzofuran
Concen: 43.684 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

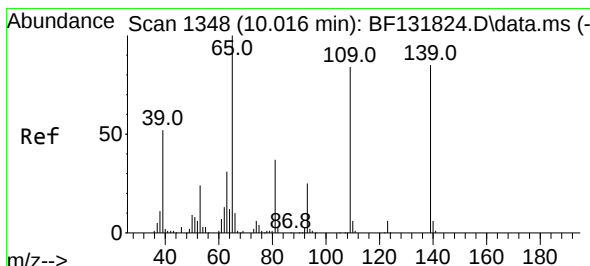
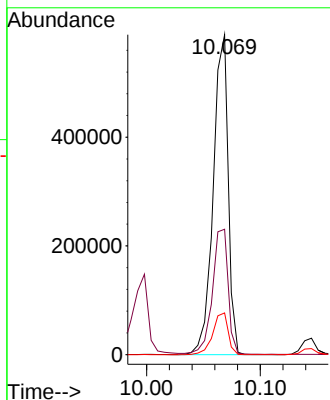
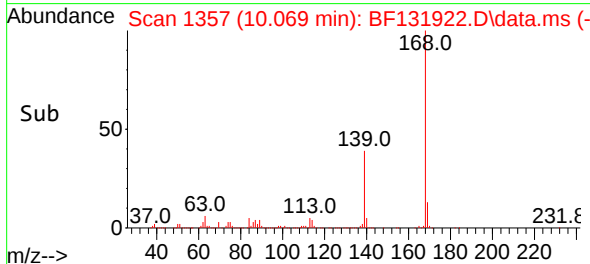
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



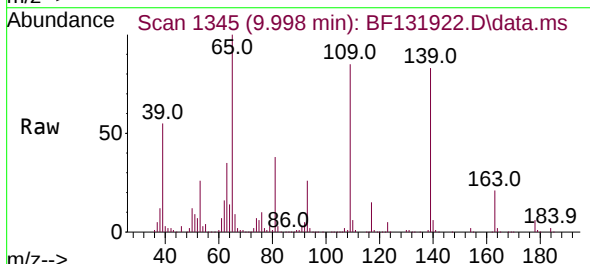
Tgt Ion:168 Resp: 539626
Ion Ratio Lower Upper
168 100
139 39.2 32.6 49.0
169 13.0 10.5 15.7

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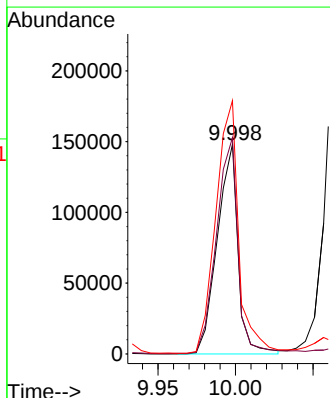
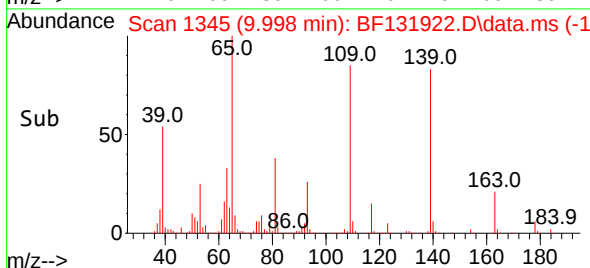
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

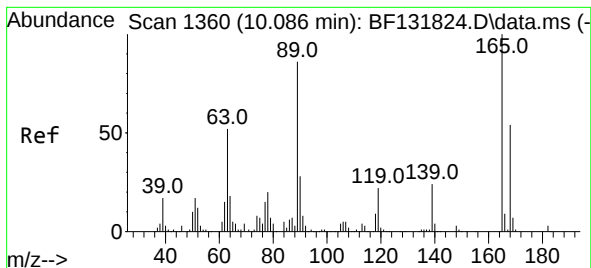


#56
4-Nitrophenol
Concen: 83.464 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



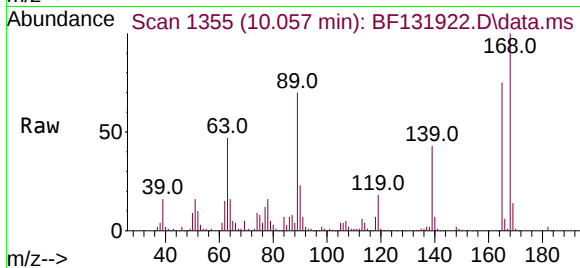
Tgt Ion:139 Resp: 137429
Ion Ratio Lower Upper
139 100
109 103.2 78.5 118.5
65 120.9 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 43.548 ng
RT: 10.057 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

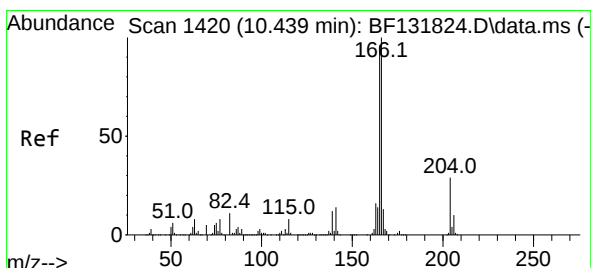
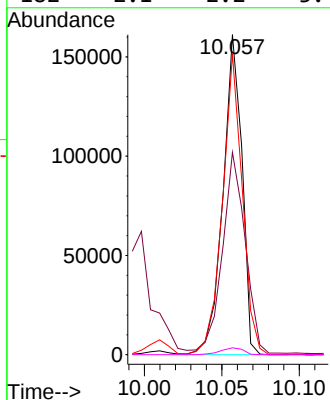
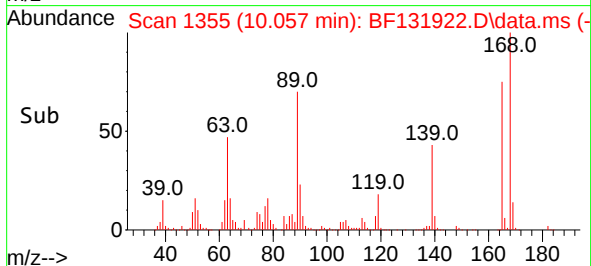
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



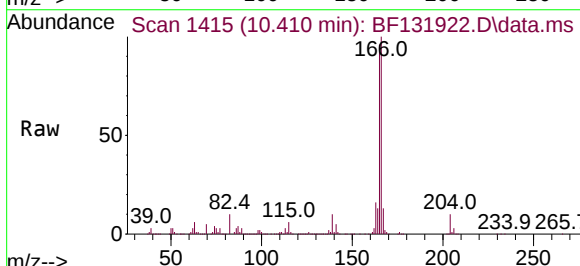
Tgt Ion:165 Resp: 137384
Ion Ratio Lower Upper
165 100
63 63.2 42.1 63.1
89 94.0 69.1 103.7
182 2.1 2.2 3.4#

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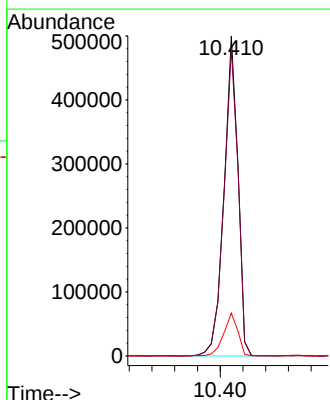
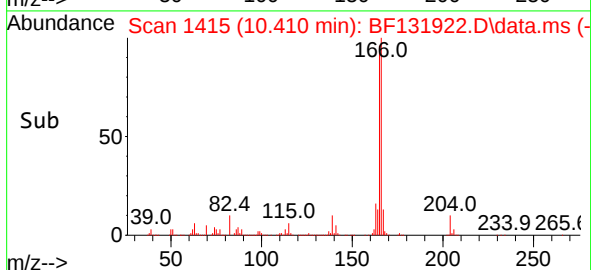
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

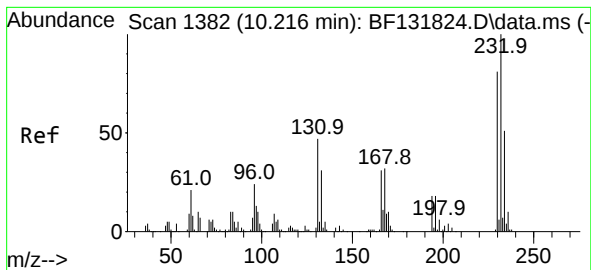


#58
Fluorene
Concen: 42.063 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



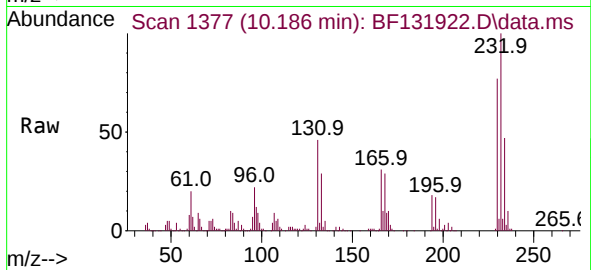
Tgt Ion:166 Resp: 424187
Ion Ratio Lower Upper
166 100
165 96.0 77.0 115.4
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.580 ng m
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

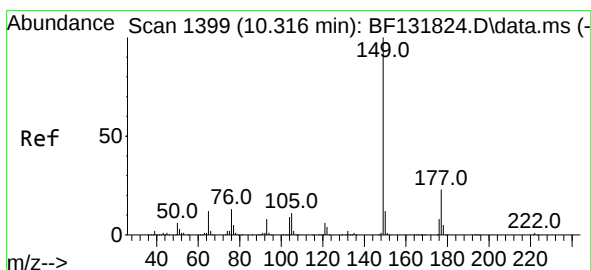
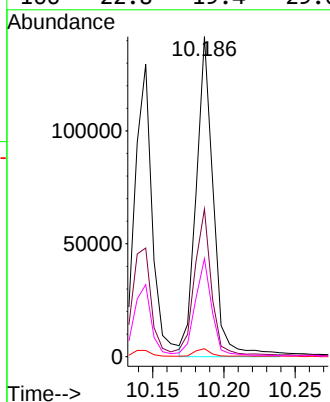
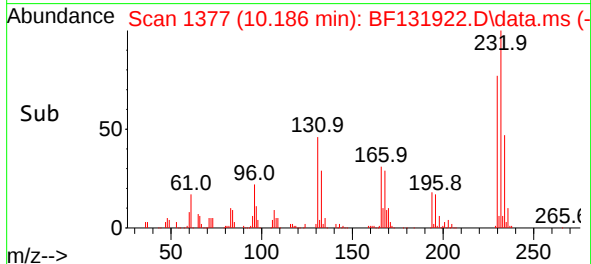
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



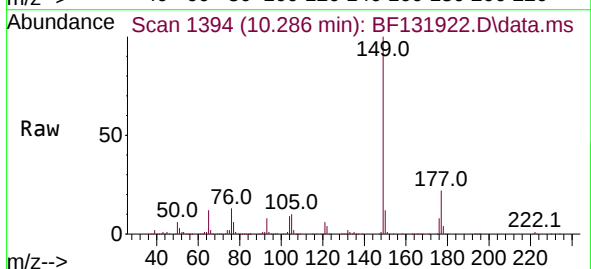
Tgt Ion:232 Resp: 11964
Ion Ratio Lower Upper
232 100
131 37.8 30.1 45.1
130 2.3 1.8 2.6
166 22.8 19.4 29.0

Manual Integrations
APPROVED

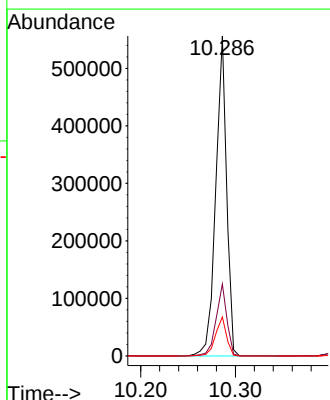
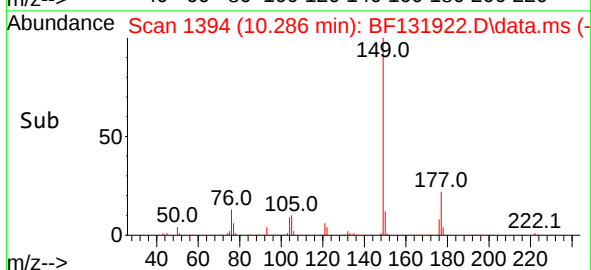
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

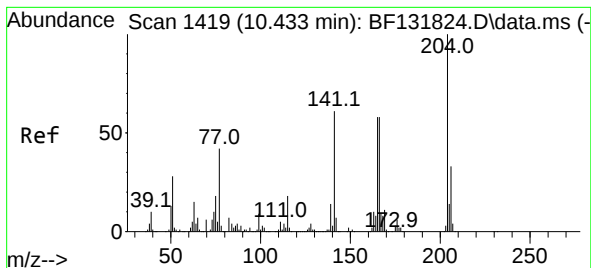


#60
Diethylphthalate
Concen: 43.131 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



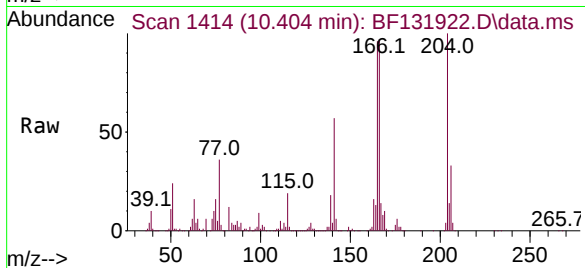
Tgt Ion:149 Resp: 442360
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.2 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 44.110 ng
RT: 10.404 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

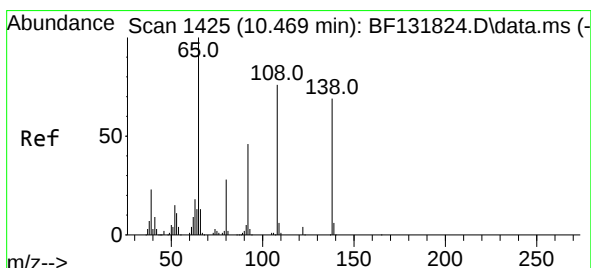
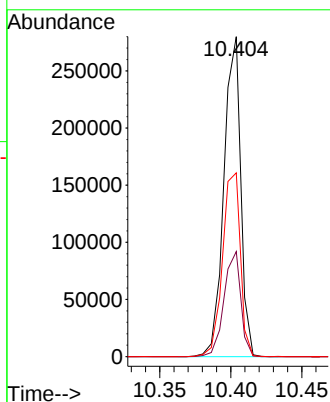
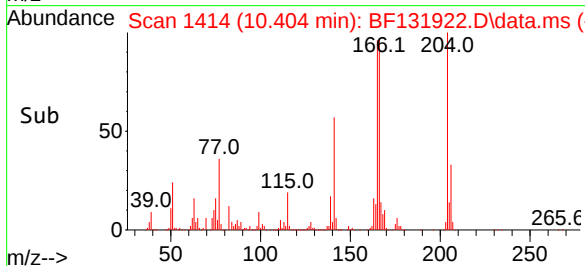
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



Tgt Ion:204 Resp: 231248
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 57.4 49.0 73.4

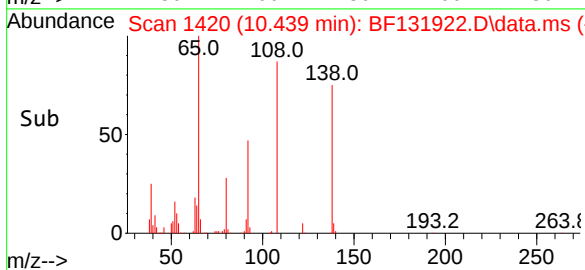
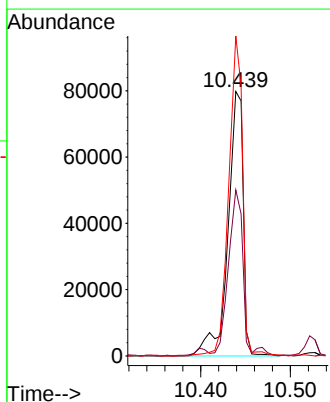
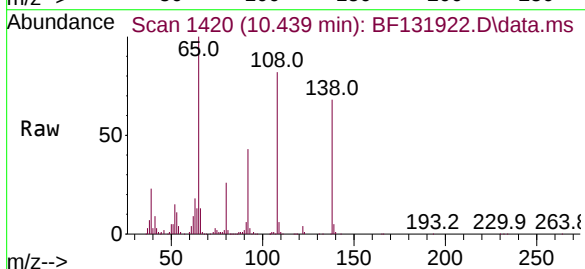
Manual Integrations
APPROVED

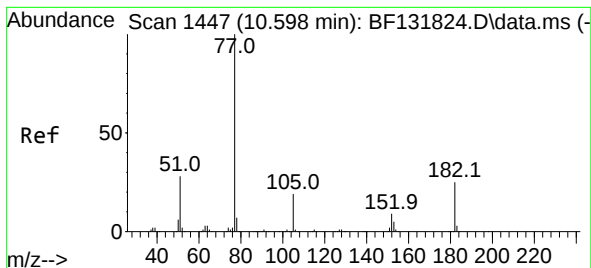
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#62
4-Nitroaniline
Concen: 38.303 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

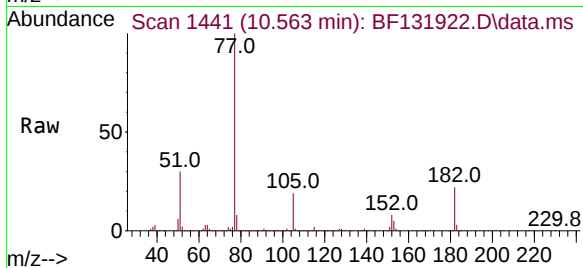
Tgt Ion:138 Resp: 93829
Ion Ratio Lower Upper
138 100
92 62.8 47.2 87.2
108 121.0 89.2 129.2





#63
Azobenzene
Concen: 47.943 ng
RT: 10.563 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

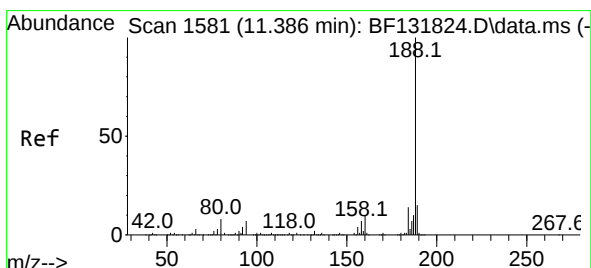
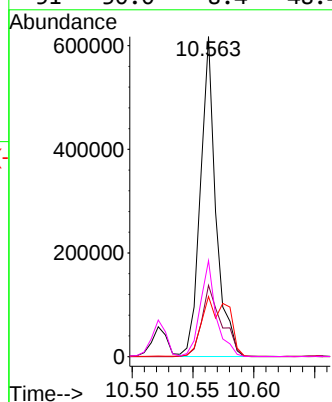
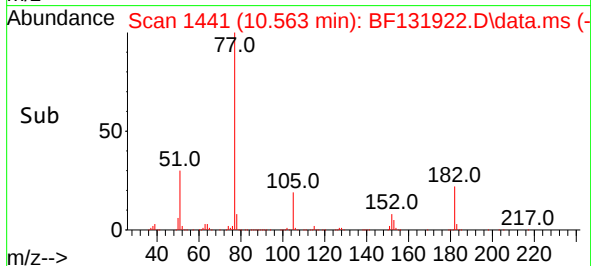
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



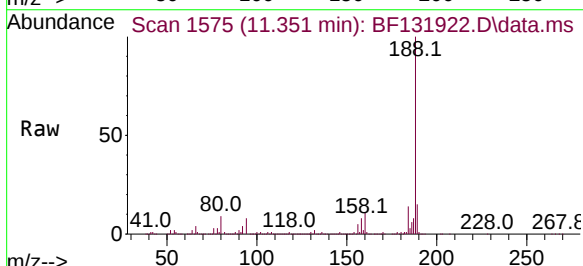
Tgt Ion: 77 Resp: 54571
Ion Ratio Lower Upper
77 100
182 22.3 5.0 45.0
105 18.8 0.0 39.4
51 30.0 8.4 48.4

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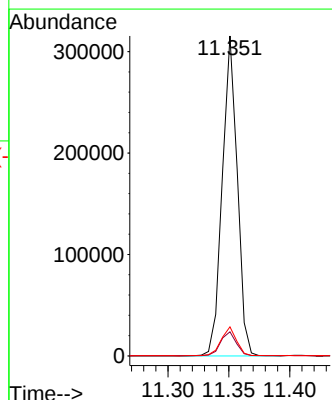
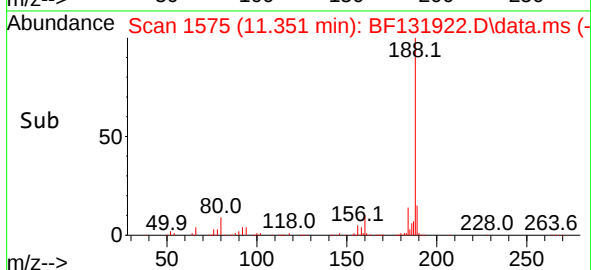
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

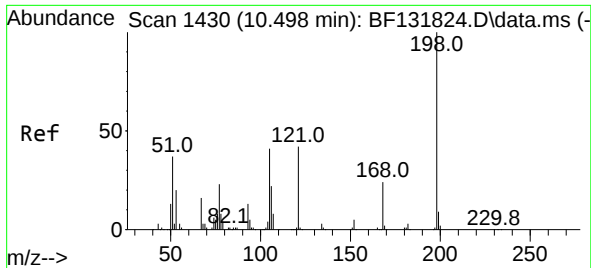


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



Tgt Ion:188 Resp: 270753
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 9.1 6.7 10.1





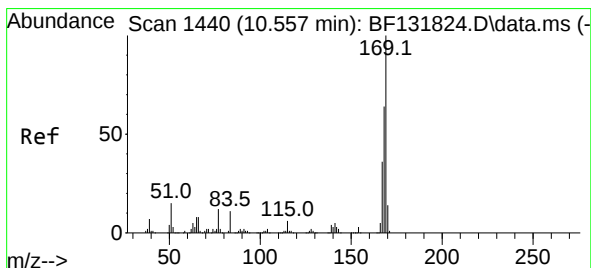
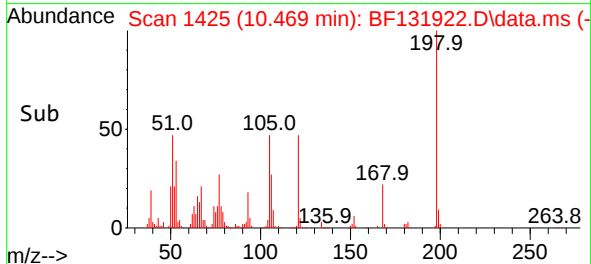
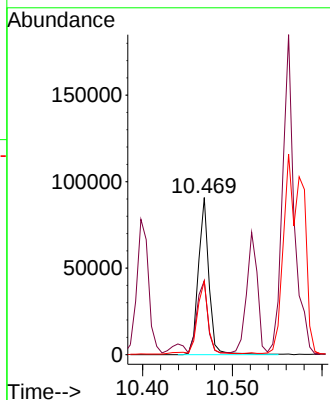
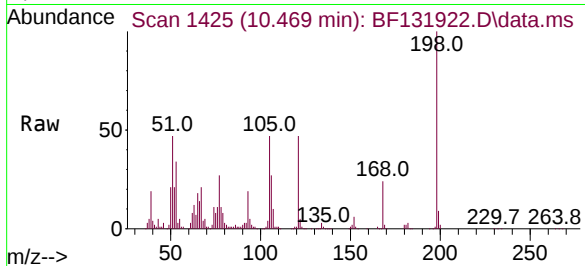
#65
4,6-Dinitro-2-methylphenol
Concen: 40.156 ng
RT: 10.469 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Tgt Ion:198 Resp: 74025
Ion Ratio Lower Upper
198 100
51 47.0 21.6 61.6
105 46.9 22.0 62.0

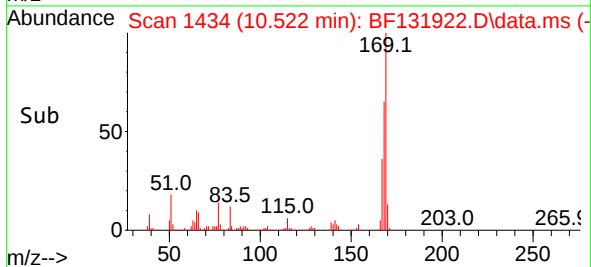
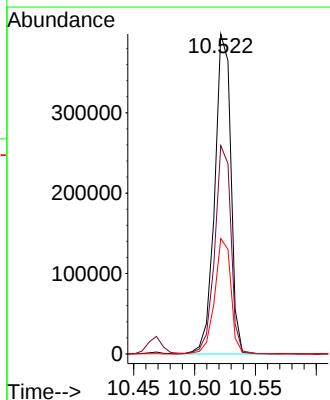
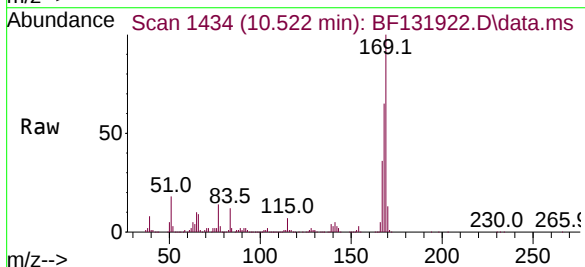
Manual Integrations
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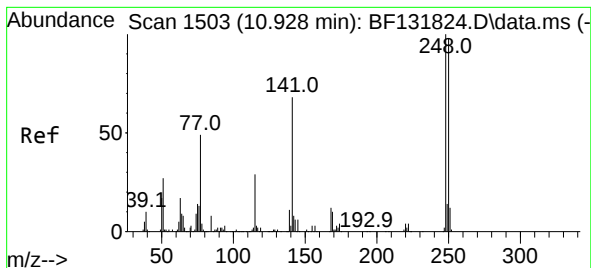
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#66
n-Nitrosodiphenylamine
Concen: 44.398 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Tgt Ion:169 Resp: 366691
Ion Ratio Lower Upper
169 100
168 65.1 51.5 77.3
167 36.0 28.4 42.6





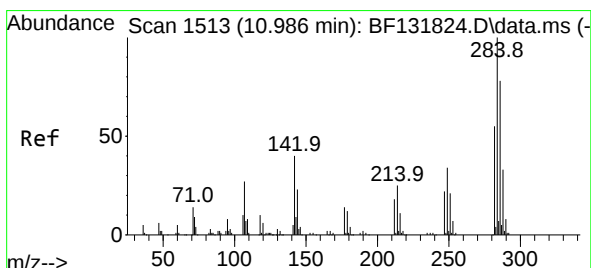
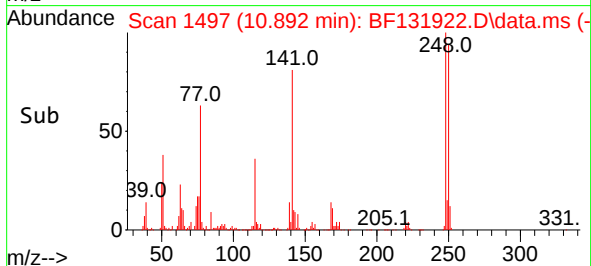
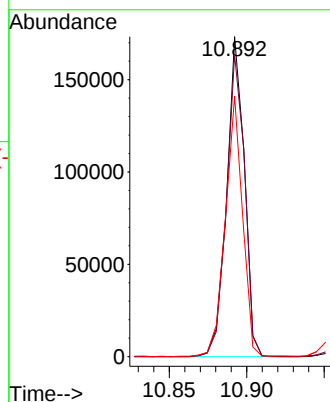
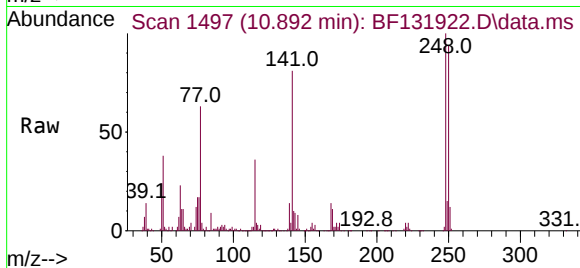
#67
4-Bromophenyl-phenylether
Concen: 43.711 ng
RT: 10.892 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Tgt Ion:248 Resp: 137168
Ion Ratio Lower Upper
248 100
250 94.4 78.0 117.0
141 81.4 54.8 82.2

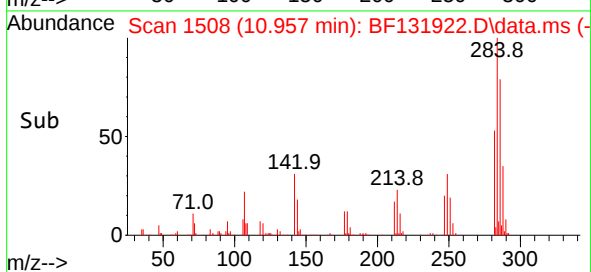
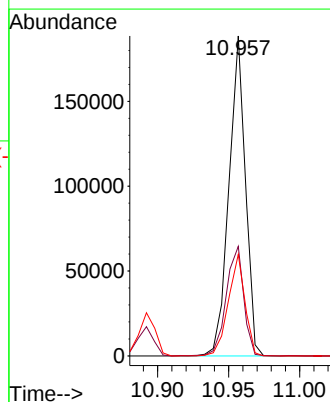
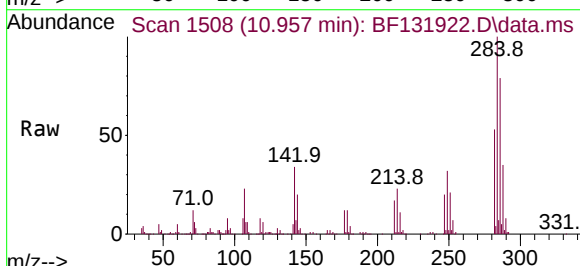
Manual Integrations
APPROVED

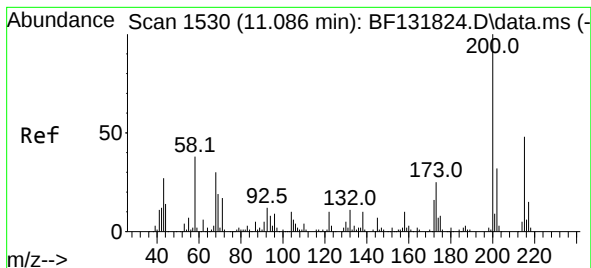
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#68
Hexachlorobenzene
Concen: 44.101 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Tgt Ion:284 Resp: 152026
Ion Ratio Lower Upper
284 100
142 34.2 31.6 47.4
249 31.7 26.9 40.3





#69

Atrazine

Concen: 48.979 ng

RT: 11.057 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

Instrument :

BNA_F

ClientSampleId :

PE-12MSD

Tgt Ion:200 Resp: 13317

Ion Ratio Lower Upper

200 100

173 24.2 4.5 44.5

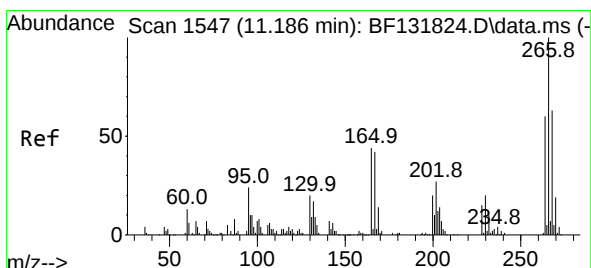
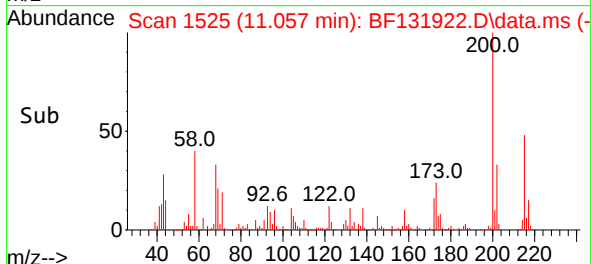
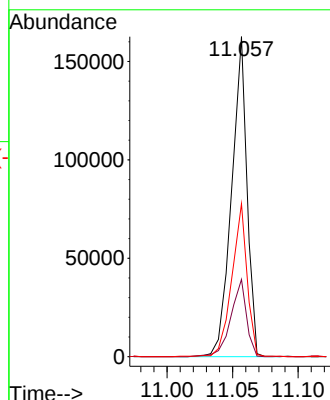
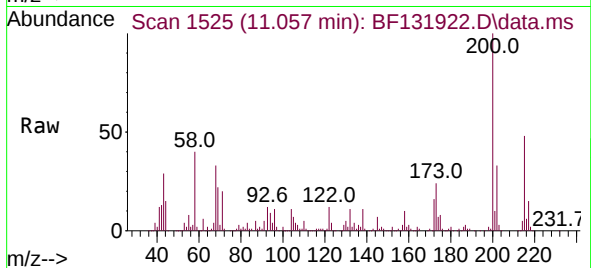
215 47.8 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#70

Pentachlorophenol

Concen: 84.639 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

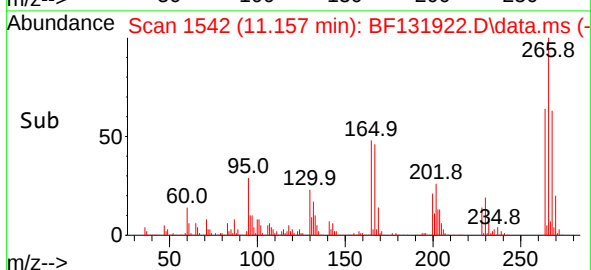
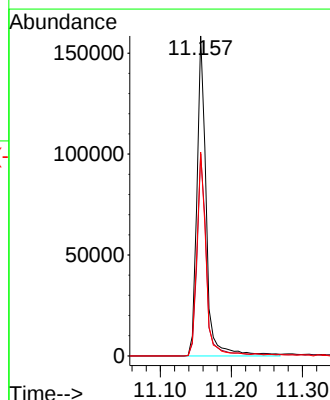
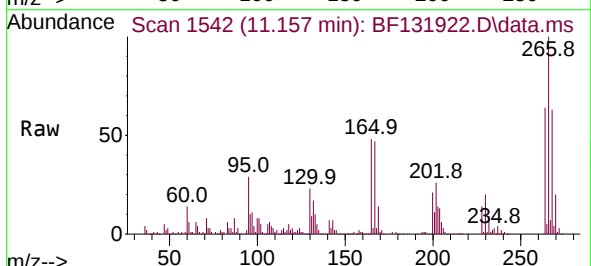
Tgt Ion:266 Resp: 144373

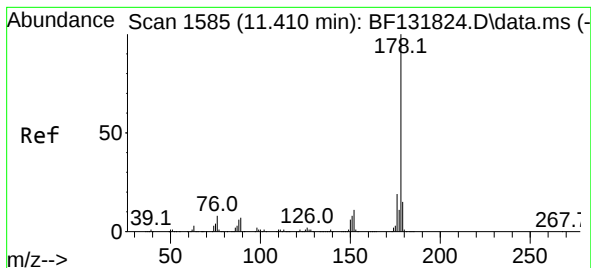
Ion Ratio Lower Upper

266 100

268 63.1 50.5 75.7

264 63.7 48.3 72.5





#71

Phenanthrene

Concen: 41.599 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

Instrument :

BNA_F

ClientSampleId :

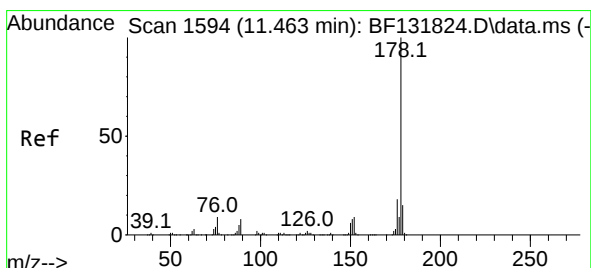
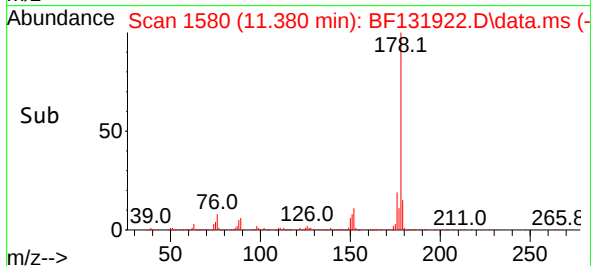
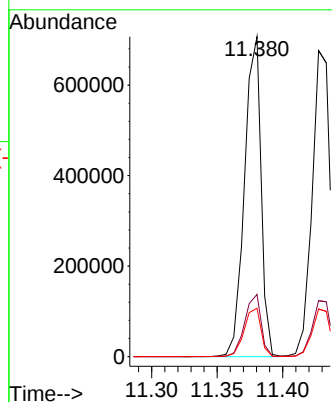
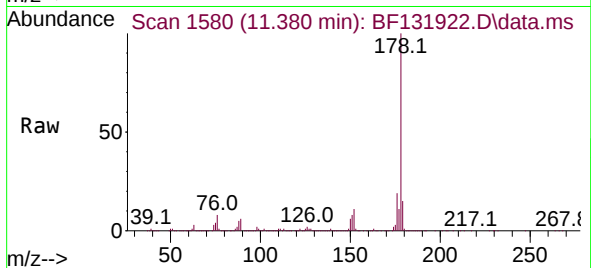
PE-12MSD

Tgt Ion:178 Resp: 619362
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.1 12.2 18.4

Manual Integrations

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



#72

Anthracene

Concen: 43.269 ng

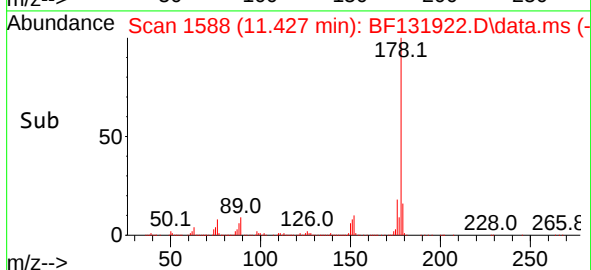
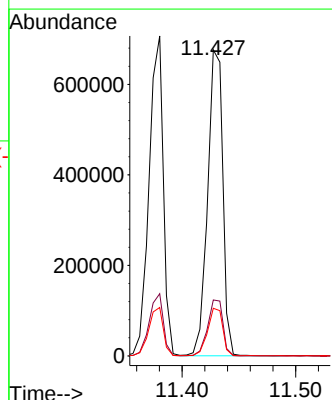
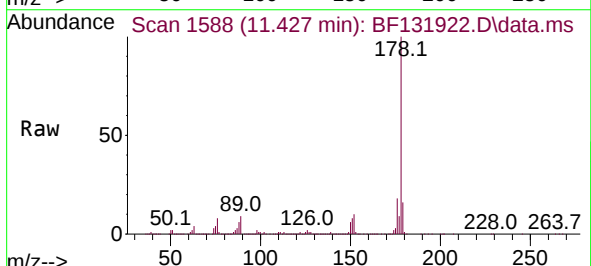
RT: 11.427 min Scan# 1588

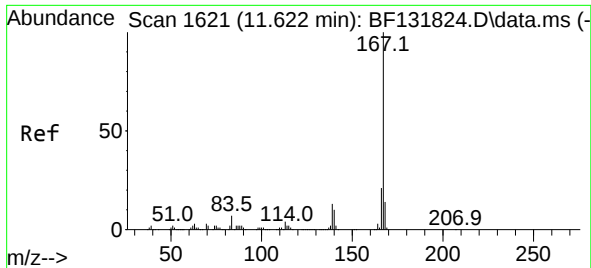
Delta R.T. 0.000 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

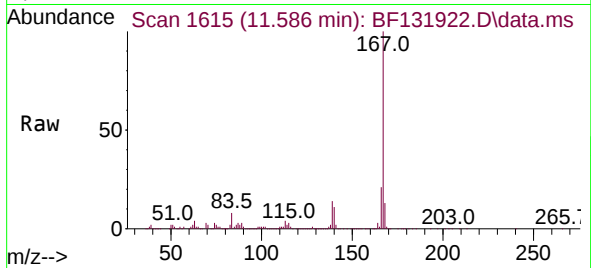
Tgt Ion:178 Resp: 630212
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.8 22.2
 179 15.6 12.2 18.2





#73
 Carbazole
 Concen: 42.329 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF131922.D
 Acq: 05 Jan 2023 19:00

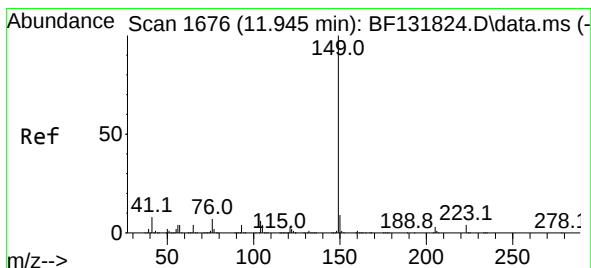
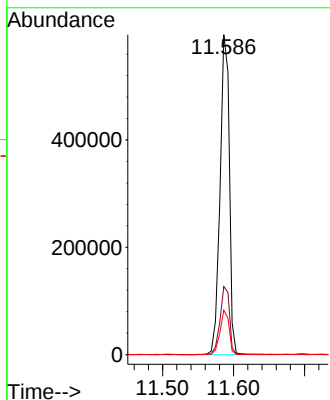
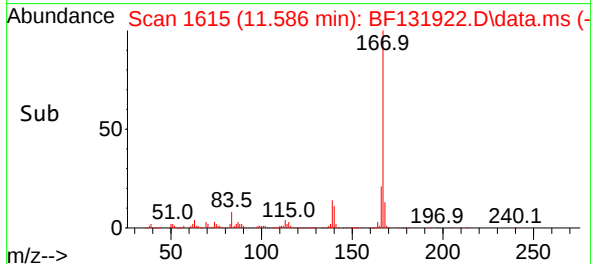
Instrument :
 BNA_F
 ClientSampleId :
 PE-12MSD



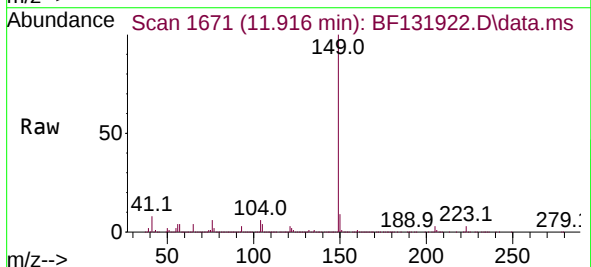
Tgt Ion:167 Resp: 544278
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.6 24.8
 139 13.9 10.6 15.8

Manual Integrations
 APPROVED

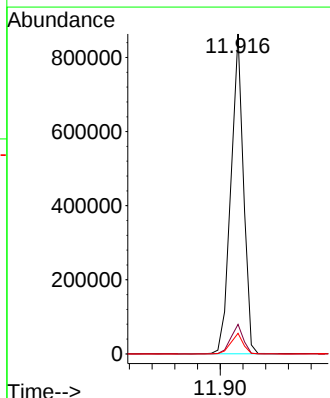
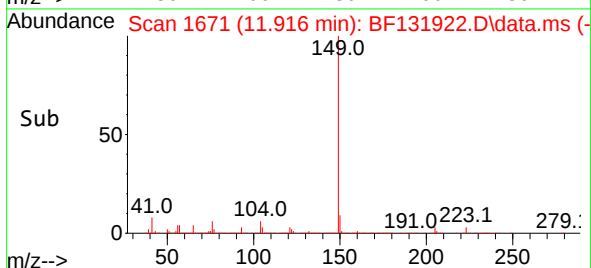
Reviewed By :Christian Giraldo 01/06/2023
 Supervised By :Jagrut Upadhyay 01/06/2023

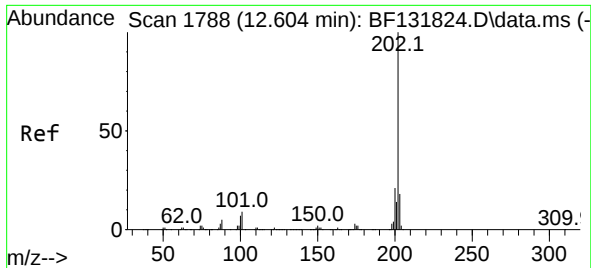


#74
 Di-n-butylphthalate
 Concen: 42.788 ng
 RT: 11.916 min Scan# 1671
 Delta R.T. 0.000 min
 Lab File: BF131922.D
 Acq: 05 Jan 2023 19:00



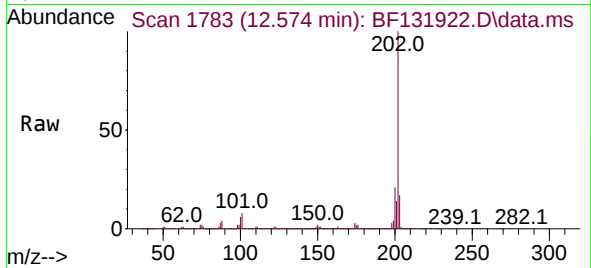
Tgt Ion:149 Resp: 665011
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 6.4 5.1 7.7





#75
Fluoranthene
Concen: 37.920 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

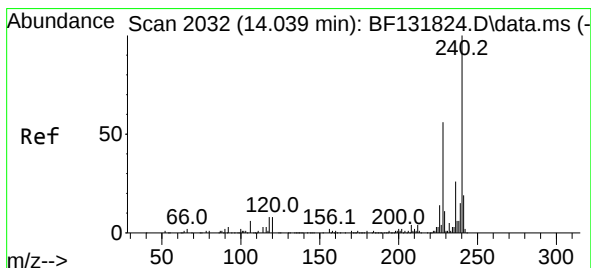
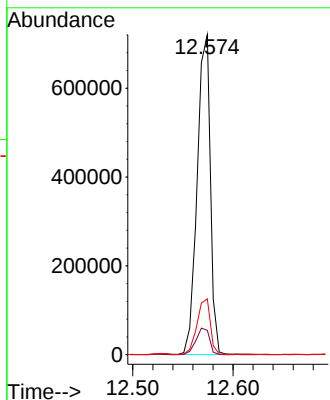
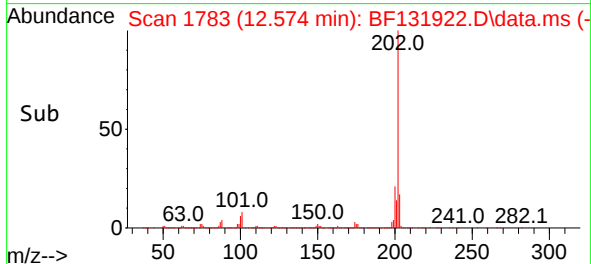
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



Tgt Ion:202 Resp: 657636
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.6
203 17.4 0.0 37.8

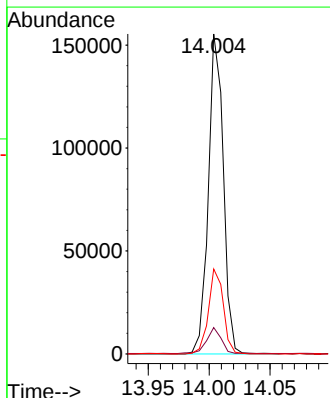
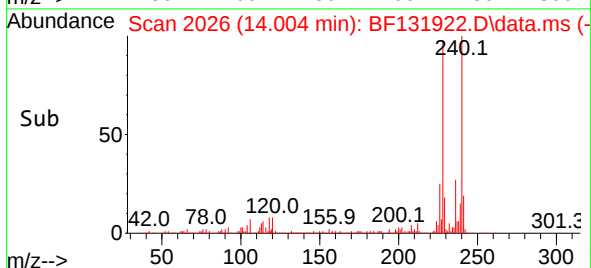
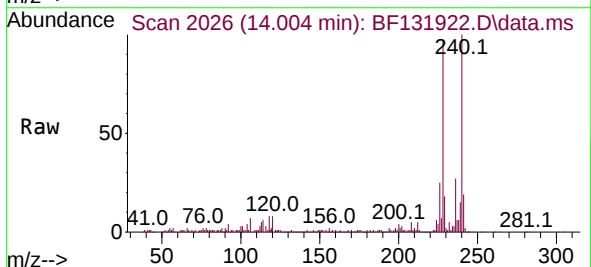
Manual Integrations
APPROVED

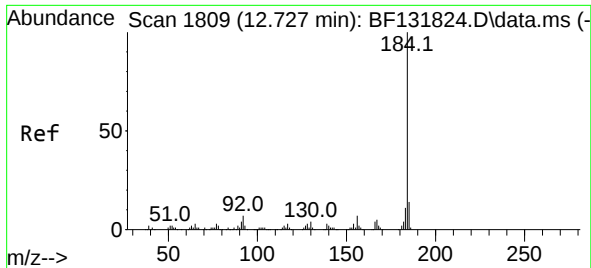
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

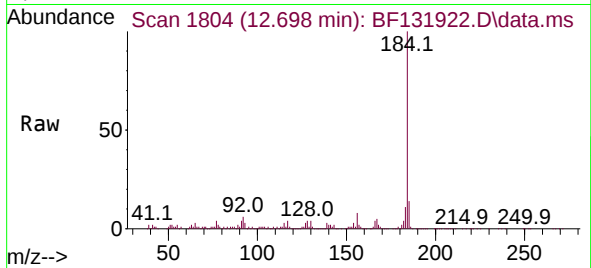
Tgt Ion:240 Resp: 133234
Ion Ratio Lower Upper
240 100
120 8.2 6.7 10.1
236 26.5 20.6 31.0





#77
Benzidine
Concen: 77.031 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

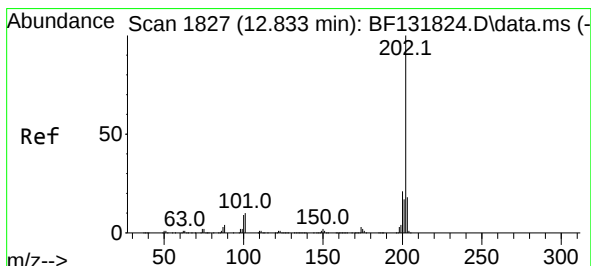
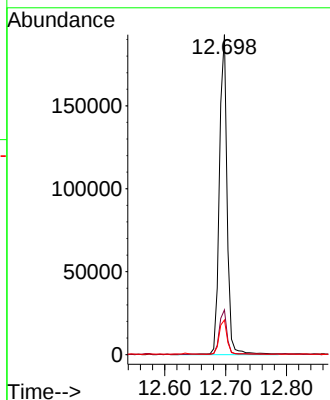
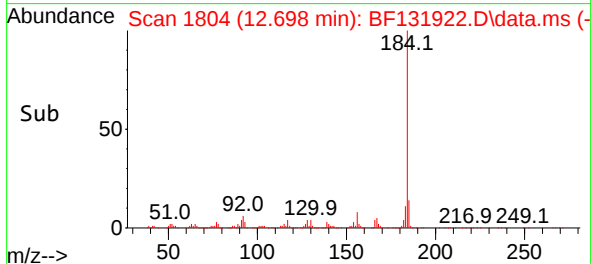
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



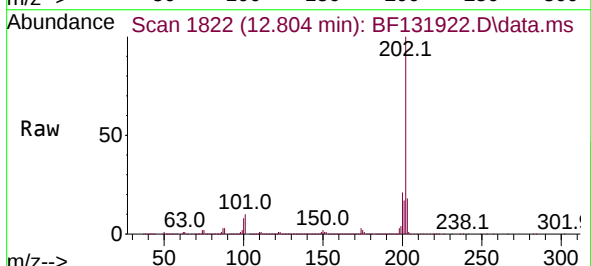
Tgt Ion:184 Resp: 168661
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 10.8 9.0 13.4

Manual Integrations
APPROVED

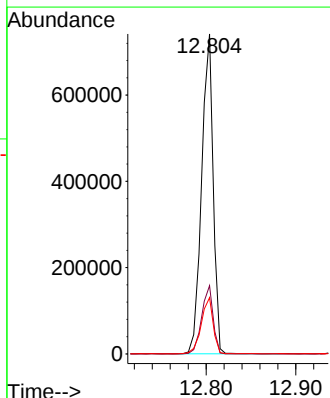
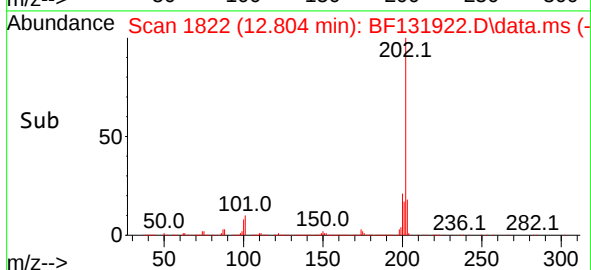
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

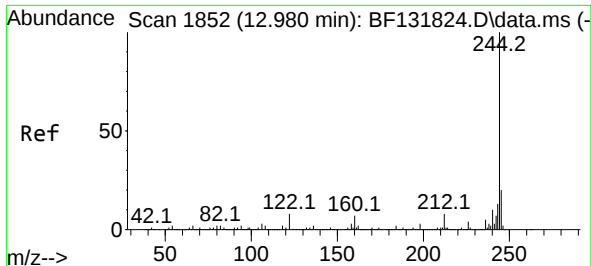


#78
Pyrene
Concen: 59.198 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



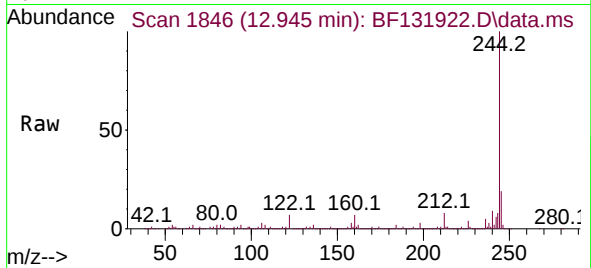
Tgt Ion:202 Resp: 661072
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.6 14.4 21.6





#79
 Terphenyl-d14
 Concen: 70.333 ng
 RT: 12.945 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131922.D
 Acq: 05 Jan 2023 19:00

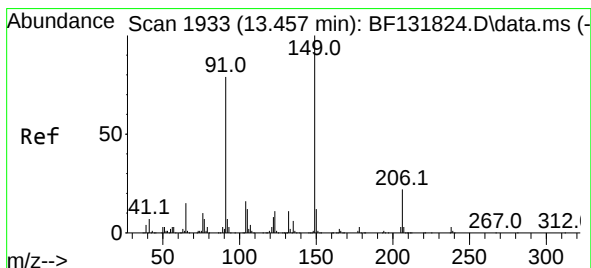
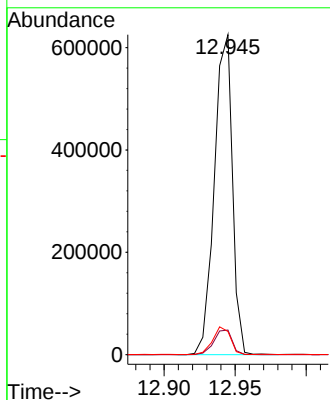
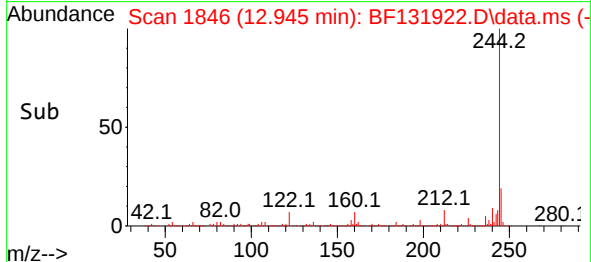
Instrument :
 BNA_F
 ClientSampleId :
 PE-12MSD



Tgt Ion:244 Resp: 553984
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 7.2 6.4 9.6

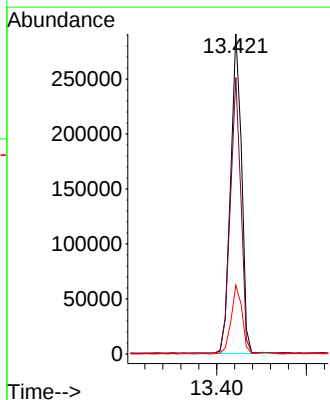
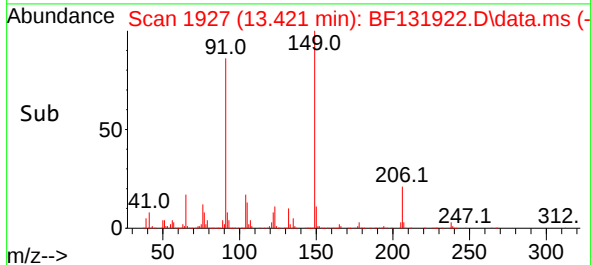
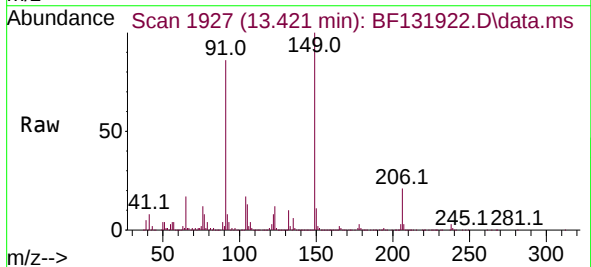
Manual Integrations
 APPROVED

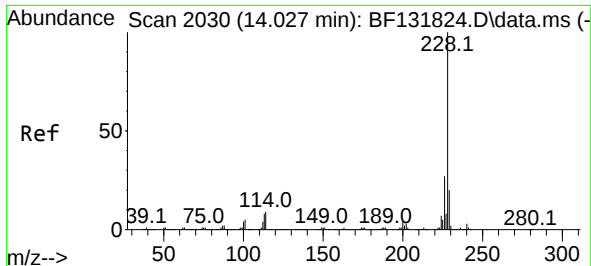
Reviewed By :Christian Giraldo 01/06/2023
 Supervised By :Jagrut Upadhyay 01/06/2023



#80
 Butylbenzylphthalate
 Concen: 59.650 ng
 RT: 13.421 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF131922.D
 Acq: 05 Jan 2023 19:00

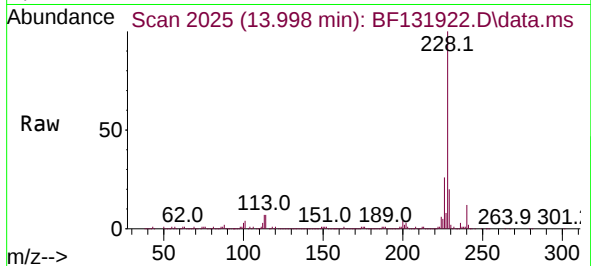
Tgt Ion:149 Resp: 247071
 Ion Ratio Lower Upper
 149 100
 91 86.3 63.2 94.8
 206 21.4 17.9 26.9





#81
Benzo(a)anthracene
Concen: 44.139 ng
RT: 13.998 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

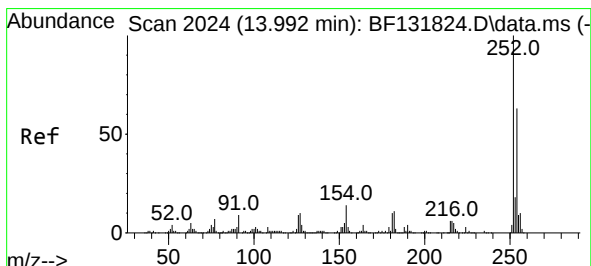
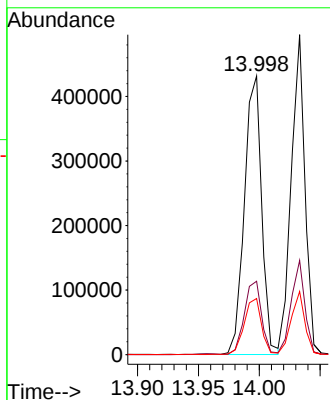
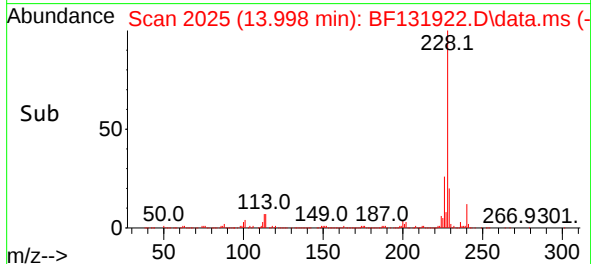
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



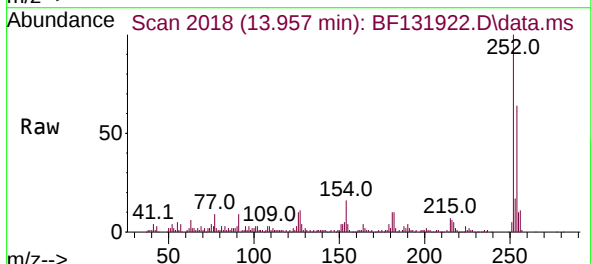
Tgt Ion:228 Resp: 425779
Ion Ratio Lower Upper
228 100
226 26.3 22.0 33.0
229 20.1 16.0 24.0

Manual Integrations
APPROVED

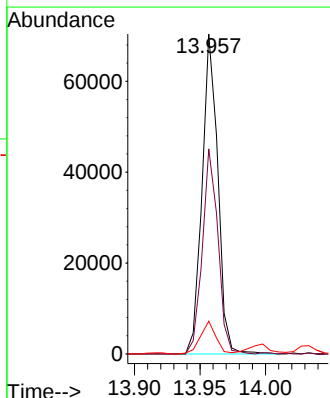
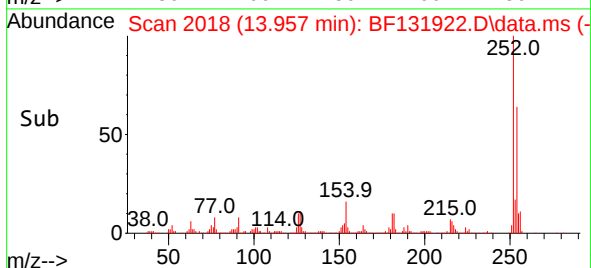
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

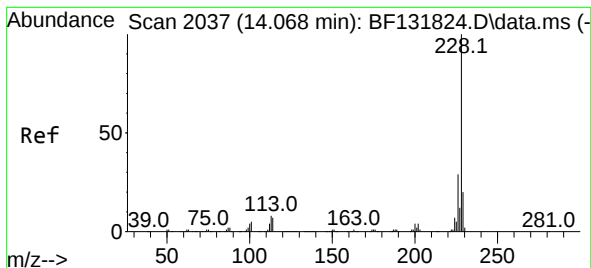


#82
3,3'-Dichlorobenzidine
Concen: 21.009 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



Tgt Ion:252 Resp: 58577
Ion Ratio Lower Upper
252 100
254 64.1 50.4 75.6
126 10.3 7.5 11.3





#83

Chrysene

Concen: 43.091 ng

RT: 14.033 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

Instrument :

BNA_F

ClientSampleId :

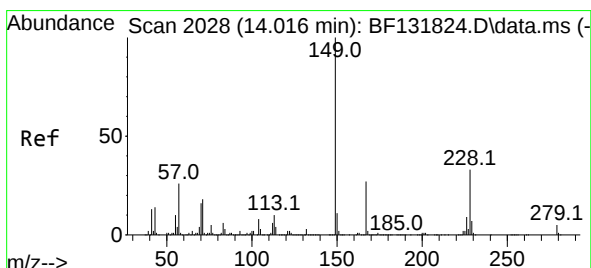
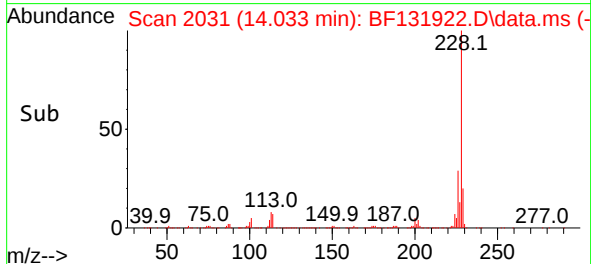
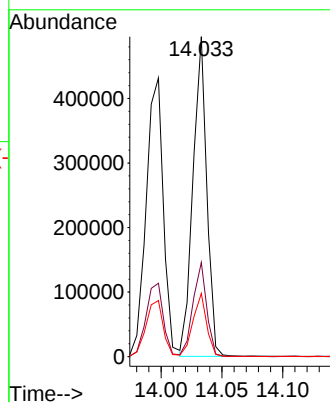
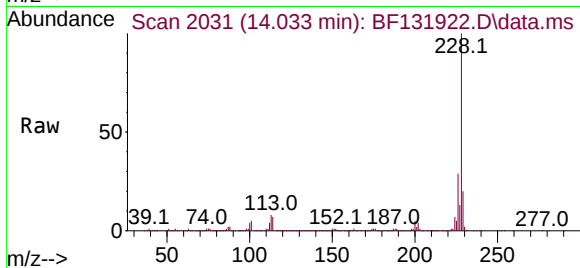
PE-12MSD

Tgt Ion:	228	Resp:	390600
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.5	35.3
229	19.7	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: 60.148 ng

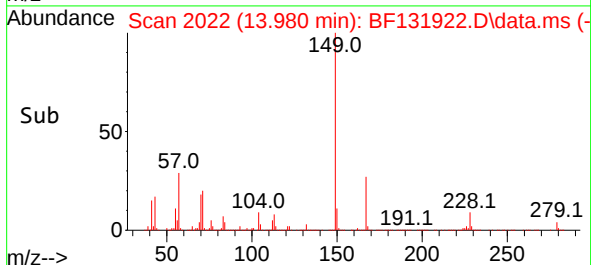
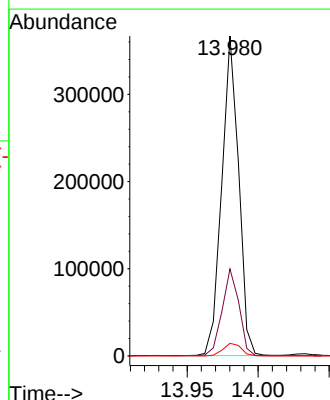
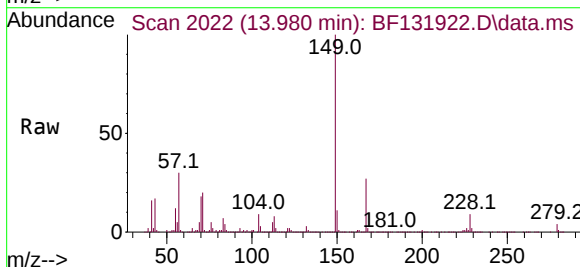
RT: 13.980 min Scan# 2022

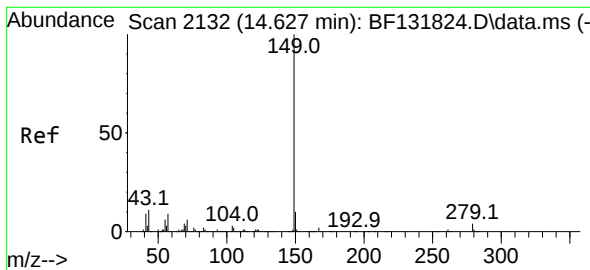
Delta R.T. 0.000 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

Tgt Ion:	149	Resp:	303344
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.6
279	4.0	3.9	5.9





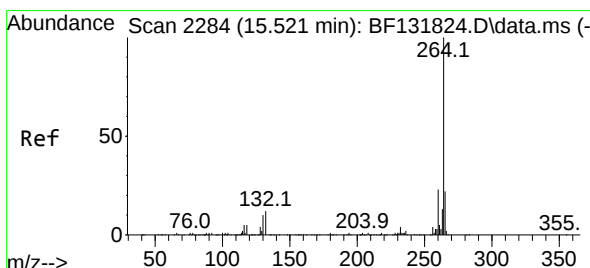
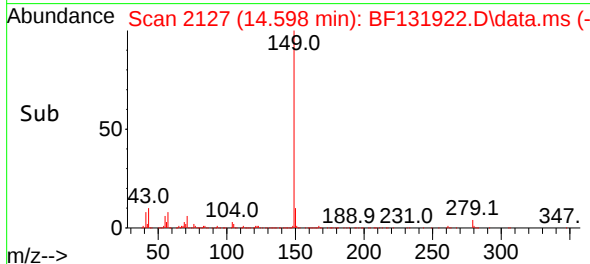
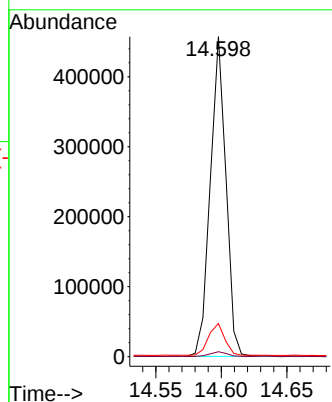
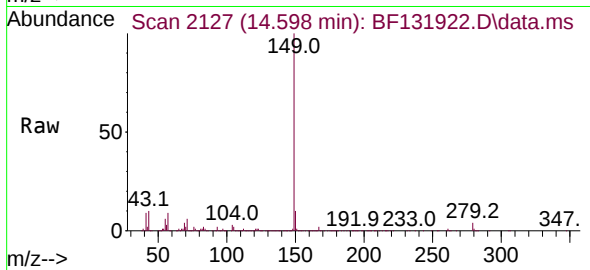
#85
Di-n-octyl phthalate
Concen: 55.715 ng
RT: 14.598 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Instrument :
BNA_F
ClientSampleId :
PE-12MSD

Tgt Ion:149 Resp: 37825
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 8.1 12.1

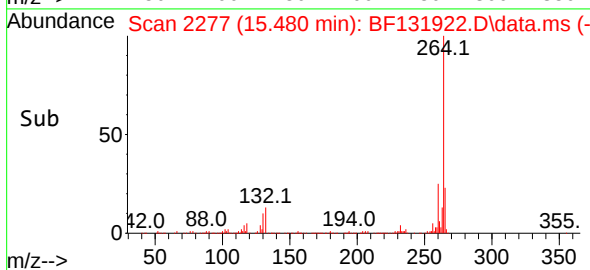
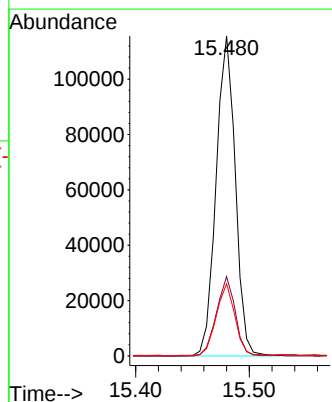
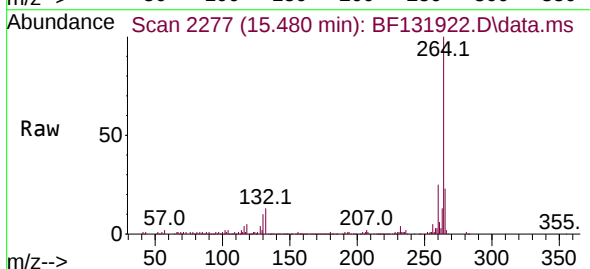
Manual Integrations
APPROVED

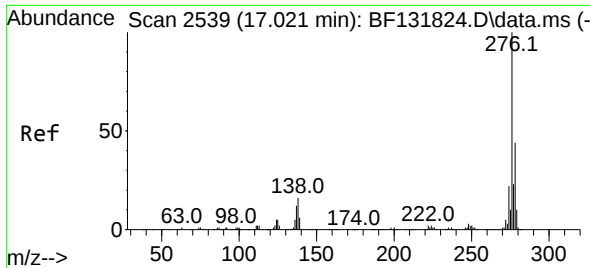
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

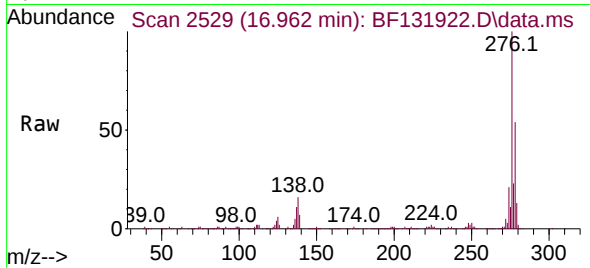
Tgt Ion:264 Resp: 135434
Ion Ratio Lower Upper
264 100
260 24.8 18.6 28.0
265 22.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.176 ng
RT: 16.962 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

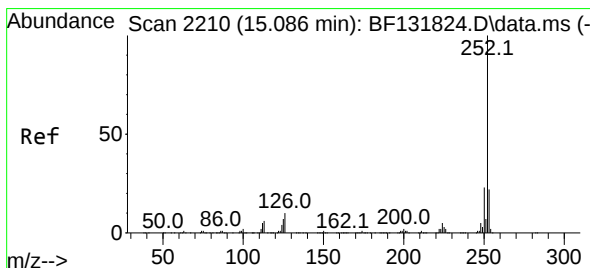
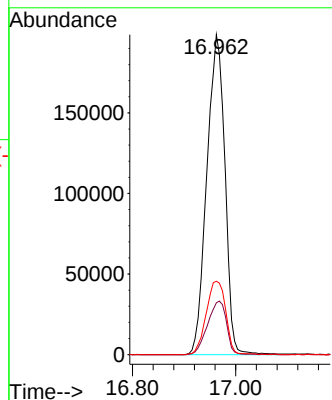
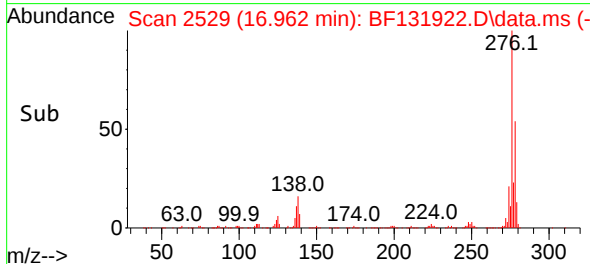
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



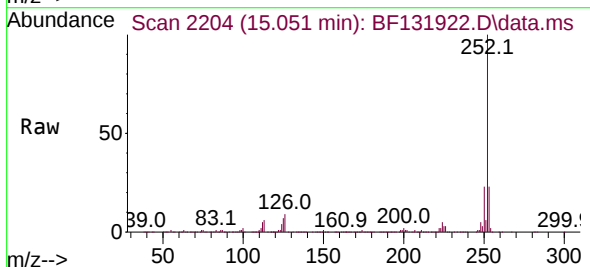
Tgt Ion: 276 Resp: 483353
Ion Ratio Lower Upper
276 100
138 17.5 14.5 21.7
277 24.7 19.7 29.5

Manual Integrations
APPROVED

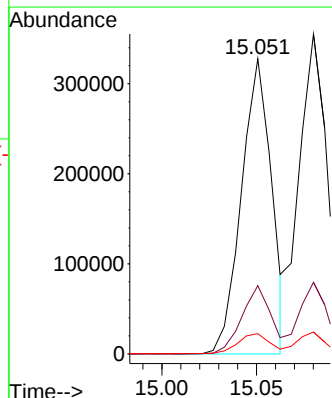
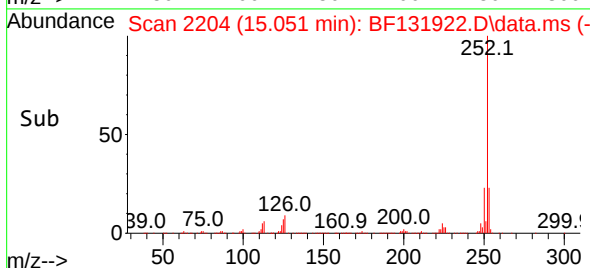
Reviewed By : Christian Giraldo 01/06/2023
Supervised By : Jagrut Upadhyay 01/06/2023

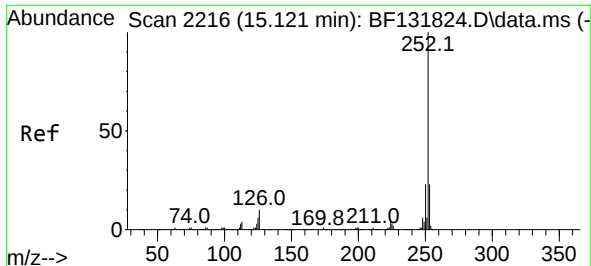


#88
Benzo(b)fluoranthene
Concen: 36.546 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00



Tgt Ion: 252 Resp: 362925
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 6.9 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 37.643 ng

RT: 15.080 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

Instrument :

BNA_F

ClientSampleId :

PE-12MSD

Tgt Ion:252 Resp: 361186

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

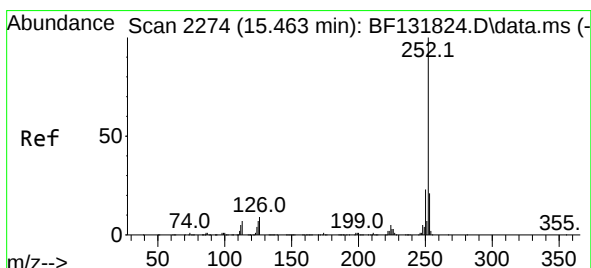
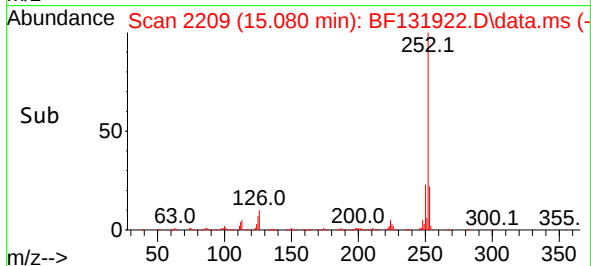
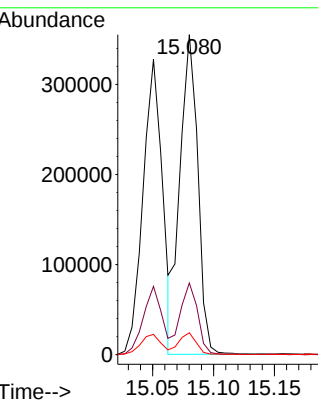
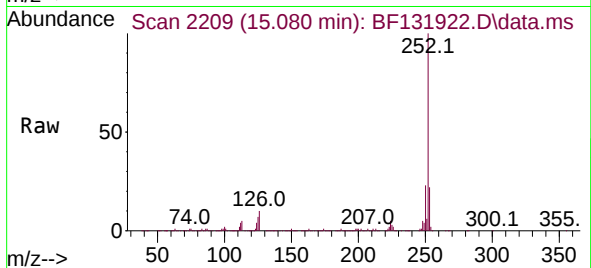
125 6.8 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#90

Benzo(a)pyrene

Concen: 44.187 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF131922.D

Acq: 05 Jan 2023 19:00

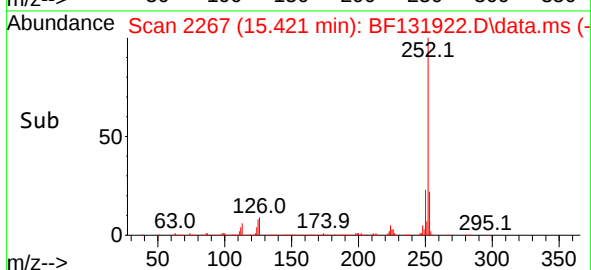
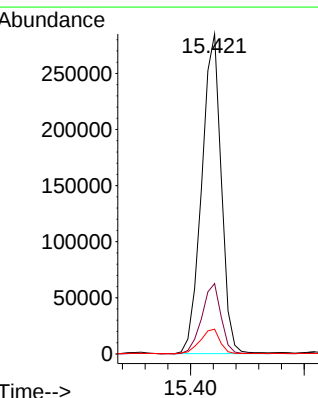
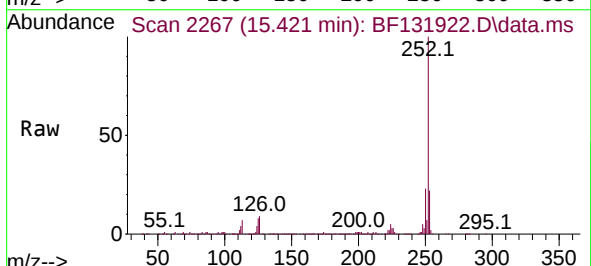
Tgt Ion:252 Resp: 339726

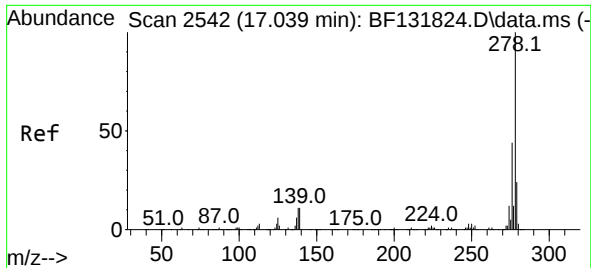
Ion Ratio Lower Upper

252 100

253 22.0 16.6 24.8

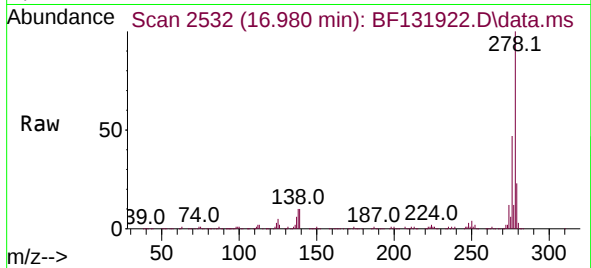
125 7.7 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 56.640 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

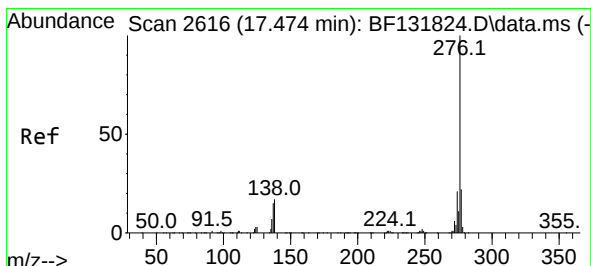
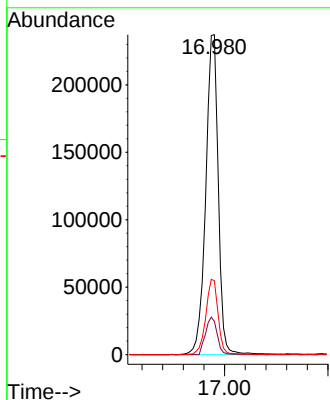
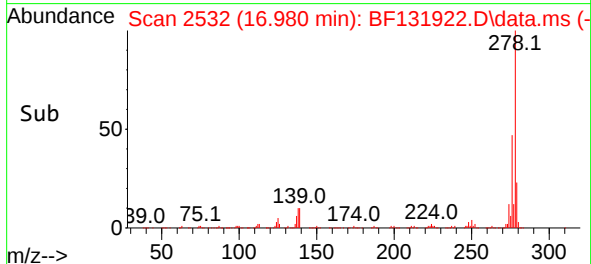
Instrument :
BNA_F
ClientSampleId :
PE-12MSD



Tgt Ion:278 Resp: 399190
Ion Ratio Lower Upper
278 100
139 10.4 8.6 12.8
279 23.1 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: 47.802 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF131922.D
Acq: 05 Jan 2023 19:00

Tgt Ion:276 Resp: 398284
Ion Ratio Lower Upper
276 100
277 24.9 17.9 26.9
138 15.8 13.7 20.5

