

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130665.D
 Acq On : 14 Oct 2022 13:39
 Operator : CG\JU
 Sample : PB148312BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148312BSD

Quant Time: Oct 17 02:20:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	78667	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	318724	20.000	ng	-0.01
39) Acenaphthene-d10	9.616	164	173534	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	299159	20.000	ng	0.00
76) Chrysene-d12	13.727	240	200840	20.000	ng	0.00
86) Perylene-d12	15.098	264	147191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	632532	144.936	ng	0.00
7) Phenol-d6	6.240	99	778167	141.819	ng	0.00
23) Nitrobenzene-d5	7.157	82	488975	83.751	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	267006	157.245	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	986644	86.122	ng	0.00
79) Terphenyl-d14	12.680	244	1129223	93.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.222	88	68130	25.804	ng	99
3) Pyridine	2.887	79	173811	36.801	ng	92
4) n-Nitrosodimethylamine	2.846	42	103290	46.417	ng	95
6) Aniline	6.245	93	273858	41.688	ng	# 85
8) 2-Chlorophenol	6.369	128	251356	48.975	ng	97
9) Benzaldehyde	6.134	77	137660	39.932	ng	99
10) Phenol	6.251	94	293419	46.216	ng	97
11) bis(2-Chloroethyl)ether	6.328	93	218158	47.305	ng	100
12) 1,3-Dichlorobenzene	6.522	146	262470	46.707	ng	98
13) 1,4-Dichlorobenzene	6.598	146	268562	47.109	ng	98
14) 1,2-Dichlorobenzene	6.751	146	251560	47.381	ng	97
15) Benzyl Alcohol	6.745	79	190920	48.464	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.869	45	266121	44.853	ng	86
17) 2-Methylphenol	6.857	107	198848	48.707	ng	98
18) Hexachloroethane	7.087	117	100565	46.629	ng	98
19) n-Nitroso-di-n-propyla...	7.010	70	164643	46.508	ng	100
20) 3+4-Methylphenols	7.016	107	252995	46.246	ng	# 84
22) Acetophenone	7.004	105	350518	45.845	ng	97
24) Nitrobenzene	7.175	77	252251	42.962	ng	99
25) Isophorone	7.416	82	446771	45.978	ng	99
26) 2-Nitrophenol	7.492	139	132140	45.892	ng	96
27) 2,4-Dimethylphenol	7.540	122	206854	51.544	ng	98
28) bis(2-Chloroethoxy)met...	7.628	93	269945	47.977	ng	99
29) 2,4-Dichlorophenol	7.734	162	207849	46.291	ng	99
30) 1,2,4-Trichlorobenzene	7.810	180	216960	44.821	ng	98
31) Naphthalene	7.887	128	711739	43.139	ng	100
32) Benzoic acid	7.704	122	108232	42.630	ng	95
33) 4-Chloroaniline	7.945	127	214870	33.620	ng	99
34) Hexachlorobutadiene	8.004	225	137872	45.891	ng	97
35) Caprolactam	8.334	113	32794	24.275	ng	93
36) 4-Chloro-3-methylphenol	8.445	107	226166	46.437	ng	98
37) 2-Methylnaphthalene	8.581	142	467833	45.059	ng	100
38) 1-Methylnaphthalene	8.675	142	448066	44.455	ng	98
40) 1,2,4,5-Tetrachloroben...	8.745	216	225914	47.983	ng	99
41) Hexachlorocyclopentadiene	8.728	237	168417	91.900	ng	99
43) 2,4,6-Trichlorophenol	8.863	196	142194	44.980	ng	99

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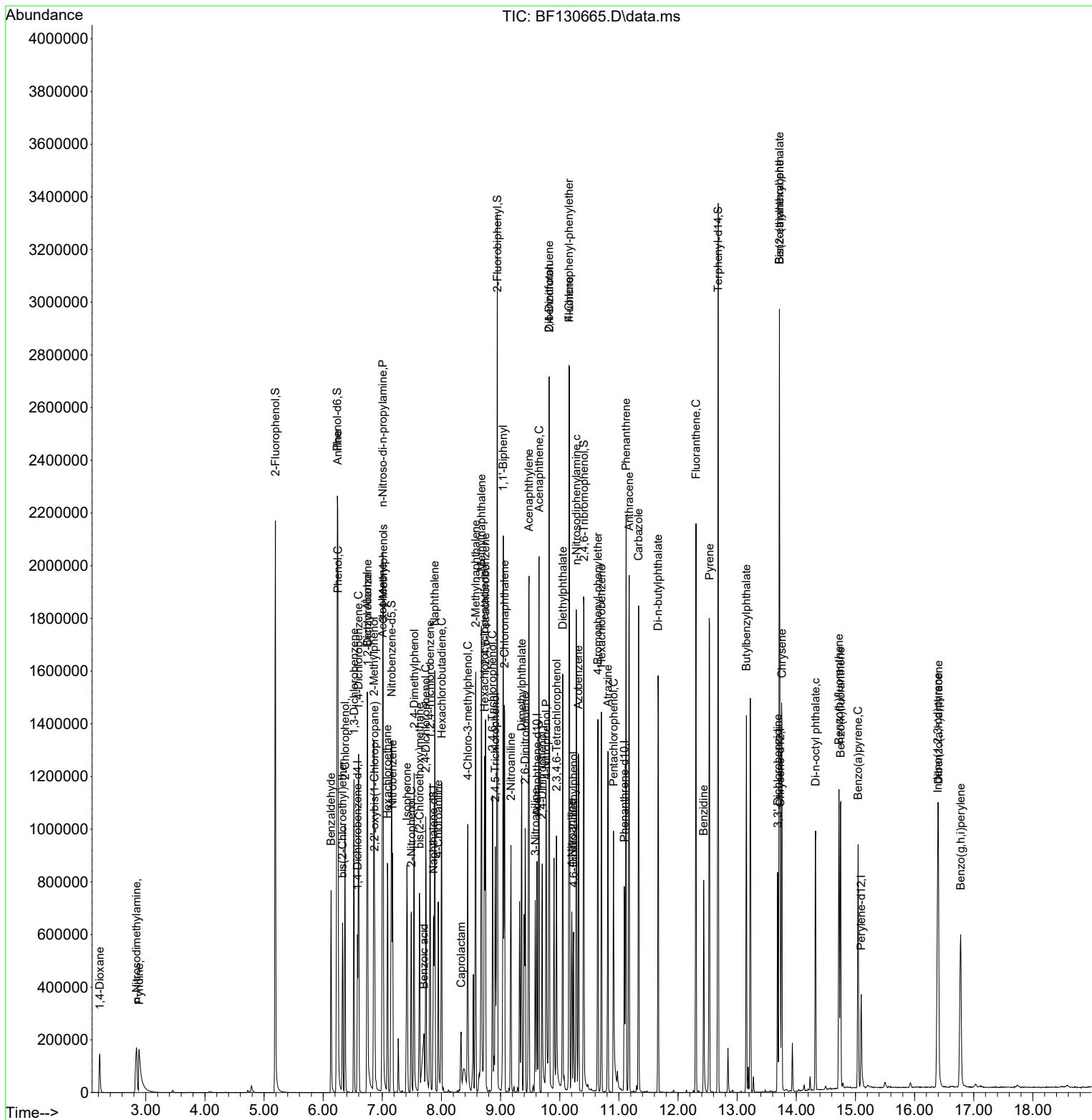
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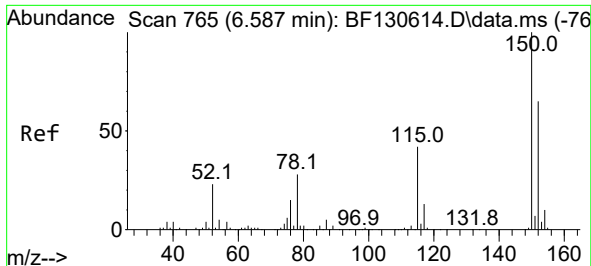
Quant Time: Oct 17 02:20:18 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	154423	44.419	ng	96
46) 1,1'-Biphenyl	9.045	154	582909	46.350	ng	100
47) 2-Chloronaphthalene	9.069	162	459709	44.725	ng	99
48) 2-Nitroaniline	9.175	65	136712	44.185	ng	96
49) Acenaphthylene	9.481	152	687061	44.612	ng	99
50) Dimethylphthalate	9.357	163	541728	45.097	ng	99
51) 2,6-Dinitrotoluene	9.416	165	122645	46.544	ng	96
52) Acenaphthene	9.651	154	415796	44.562	ng	100
53) 3-Nitroaniline	9.586	138	100803	34.899	ng	98
54) 2,4-Dinitrophenol	9.704	184	121125	89.573	ng	96
55) Dibenzofuran	9.822	168	644655	45.352	ng	100
56) 4-Nitrophenol	9.775	139	143285	89.969	ng	97
57) 2,4-Dinitrotoluene	9.822	165	160909	47.514	ng	# 99
58) Fluorene	10.163	166	525856	44.998	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.945	232	123026	44.388	ng	98
60) Diethylphthalate	10.051	149	523563	43.683	ng	98
61) 4-Chlorophenyl-phenyle...	10.157	204	245889	46.540	ng	99
62) 4-Nitroaniline	10.204	138	117453	42.590	ng	98
63) Azobenzene	10.316	77	476876	42.244	ng	99
65) 4,6-Dinitro-2-methylph...	10.233	198	85198	45.572	ng	98
66) n-Nitrosodiphenylamine	10.281	169	454618	45.685	ng	99
67) 4-Bromophenyl-phenylether	10.645	248	160323	47.364	ng	100
68) Hexachlorobenzene	10.704	284	188035	49.141	ng	98
69) Atrazine	10.816	200	149679	55.237	ng	98
70) Pentachlorophenol	10.910	266	140362	94.250	ng	97
71) Phenanthrene	11.122	178	746772	45.056	ng	100
72) Anthracene	11.175	178	753091	46.524	ng	100
73) Carbazole	11.333	167	687065	47.567	ng	99
74) Di-n-butylphthalate	11.663	149	807726	46.164	ng	100
75) Fluoranthene	12.304	202	774885	48.644	ng	99
77) Benzidine	12.433	184	286853	56.506	ng	98
78) Pyrene	12.533	202	779566	44.992	ng	100
80) Butylbenzylphthalate	13.157	149	300086	45.041	ng	99
81) Benzo(a)anthracene	13.716	228	595919	44.035	ng	99
82) 3,3'-Dichlorobenzidine	13.686	252	163863	41.902	ng	# 97
83) Chrysene	13.757	228	551511	42.983	ng	98
84) Bis(2-ethylhexyl)phtha...	13.716	149	373779	46.276	ng	100
85) Di-n-octyl phthalate	14.327	149	494885	40.006	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	509396	46.238	ng	98
88) Benzo(b)fluoranthene	14.721	252	474988	50.962	ng	99
89) Benzo(k)fluoranthene	14.751	252	461217	48.599	ng	98
90) Benzo(a)pyrene	15.045	252	396772	51.149	ng	98
91) Dibenzo(a,h)anthracene	16.404	278	444318	49.203	ng	99
92) Benzo(g,h,i)perylene	16.780	276	450230	53.530	ng	97

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

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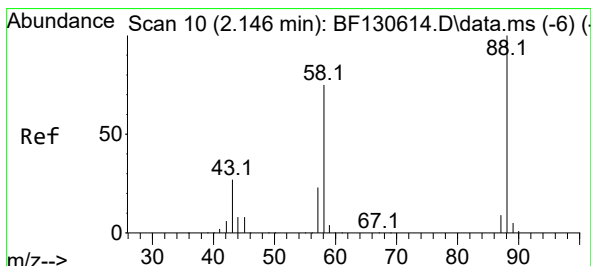
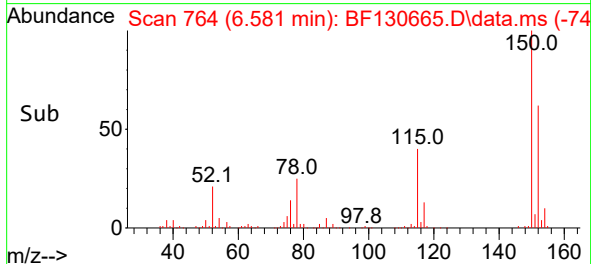
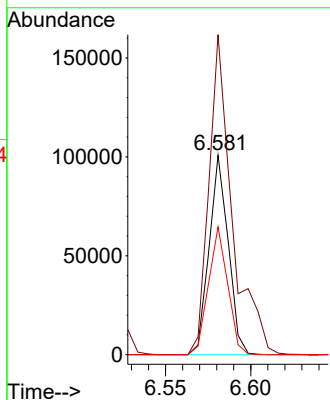
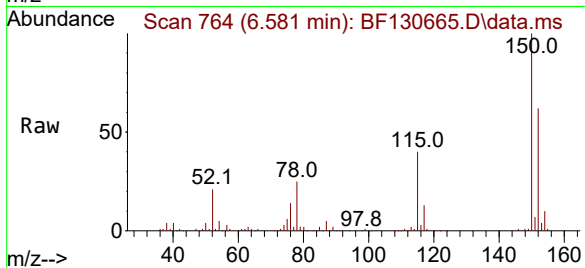




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.581 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

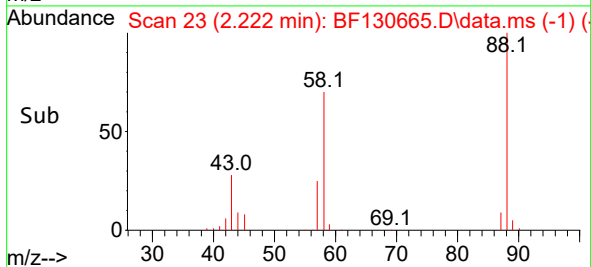
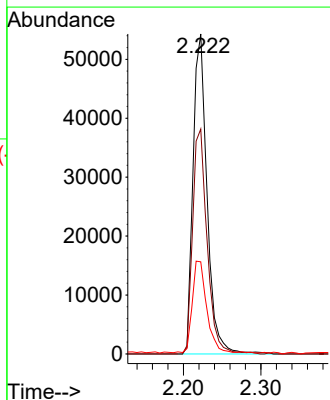
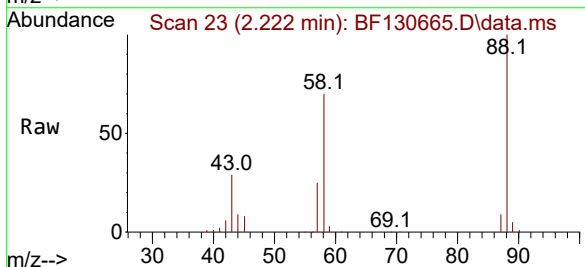
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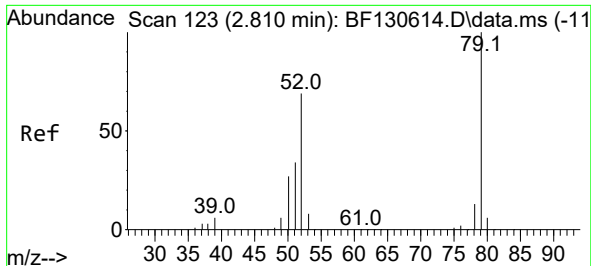
Tgt Ion:152 Resp: 78667
 Ion Ratio Lower Upper
 152 100
 150 160.5 123.8 185.6
 115 64.1 52.2 78.4



#2
 1,4-Dioxane
 Concen: 25.804 ng
 RT: 2.222 min Scan# 23
 Delta R.T. 0.077 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

Tgt Ion: 88 Resp: 68130
 Ion Ratio Lower Upper
 88 100
 58 72.6 58.8 88.2
 43 29.2 22.2 33.4

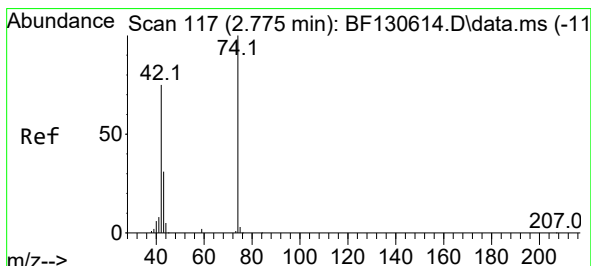
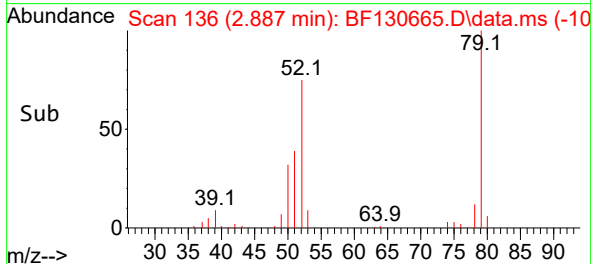
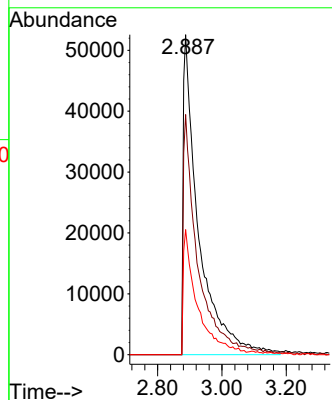
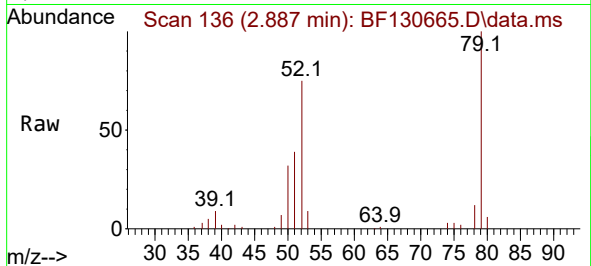




#3
Pyridine
Concen: 36.801 ng
RT: 2.887 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

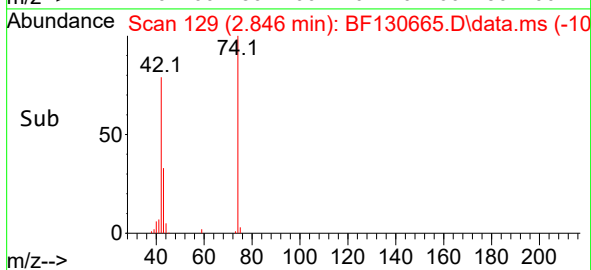
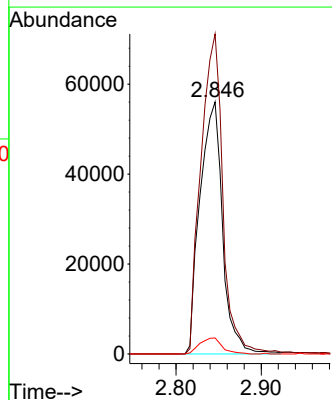
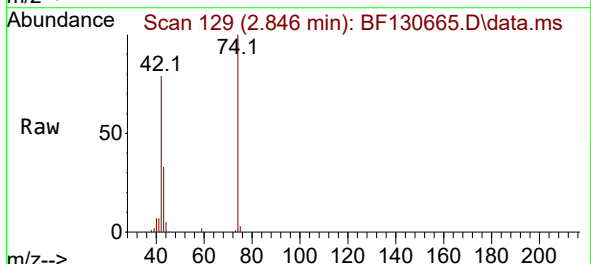
Instrument :
BNA_F
ClientSampleId :
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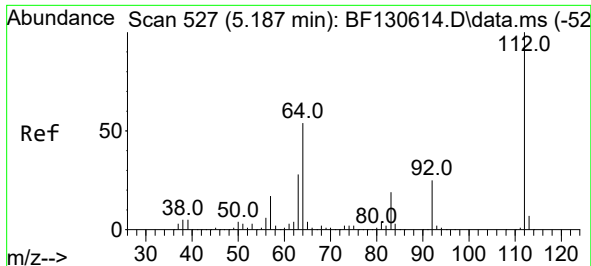
Tgt Ion: 79 Resp: 173811
Ion Ratio Lower Upper
79 100
52 75.0 54.8 82.2
51 39.1 27.4 41.2



#4
n-Nitrosodimethylamine
Concen: 46.417 ng
RT: 2.846 min Scan# 129
Delta R.T. 0.071 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion: 42 Resp: 103290
Ion Ratio Lower Upper
42 100
74 127.0 106.2 159.2
44 6.3 5.0 7.4

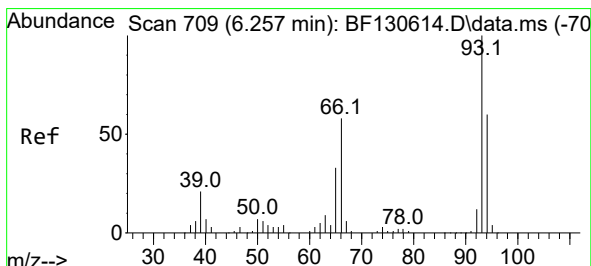
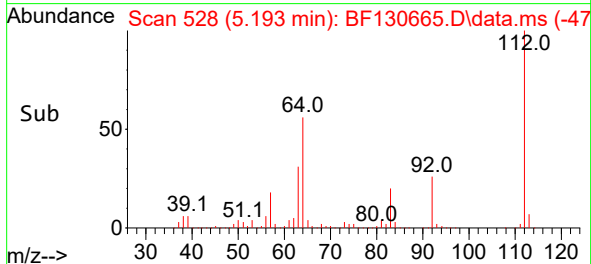
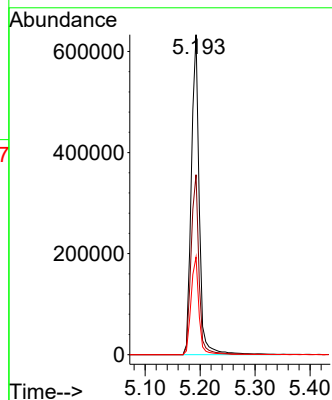
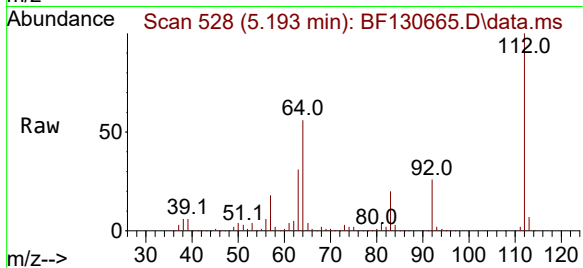




#5
2-Fluorophenol
Concen: 144.936 ng
RT: 5.193 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

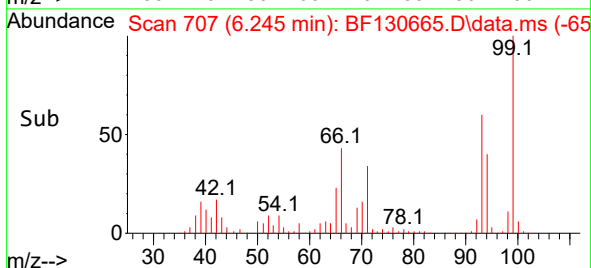
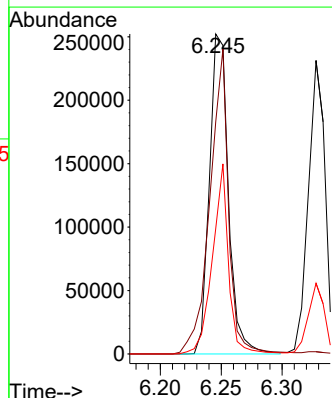
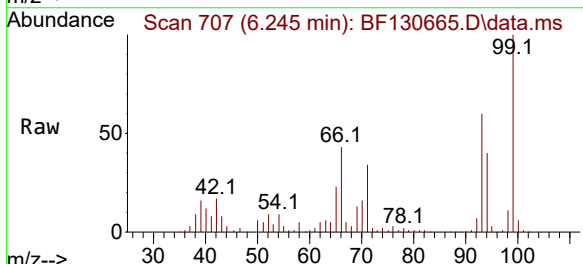
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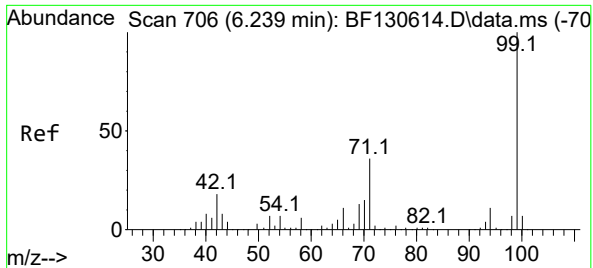
Tgt Ion:112 Resp: 632532
Ion Ratio Lower Upper
112 100
64 56.2 43.5 65.3
63 30.5 22.6 34.0



#6
Aniline
Concen: 41.688 ng
RT: 6.245 min Scan# 707
Delta R.T. -0.012 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion: 93 Resp: 273858
Ion Ratio Lower Upper
93 100
66 72.5 47.4 71.0#
65 39.2 26.6 40.0

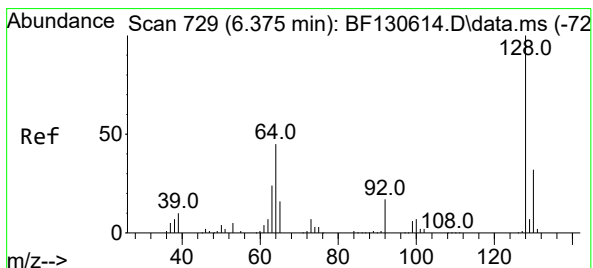
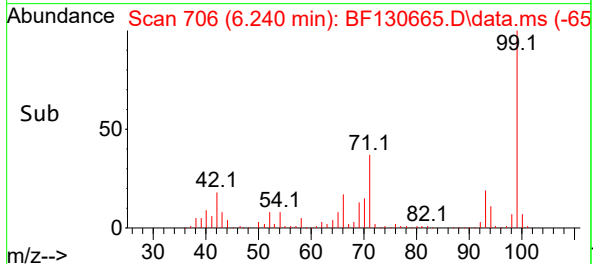
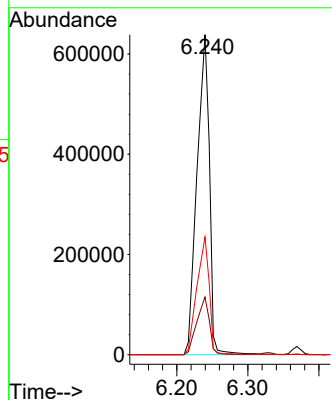
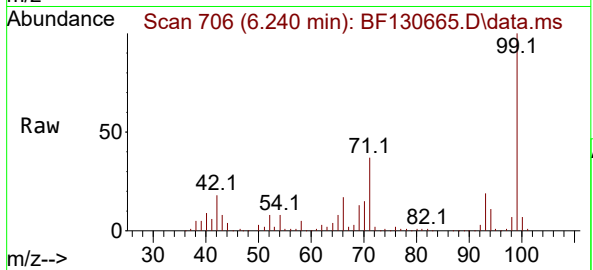




#7
Phenol-d6
Concen: 141.819 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

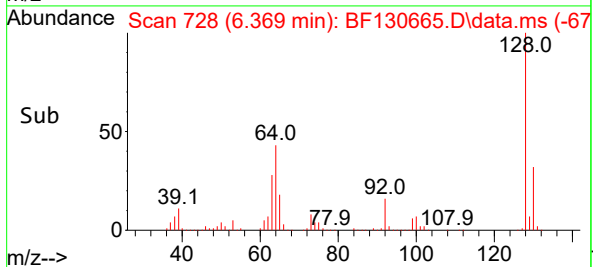
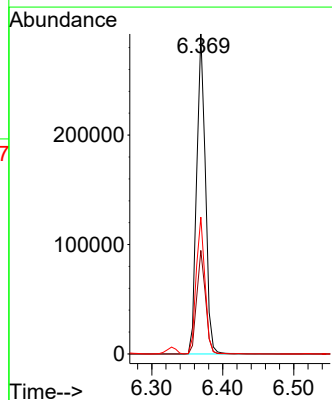
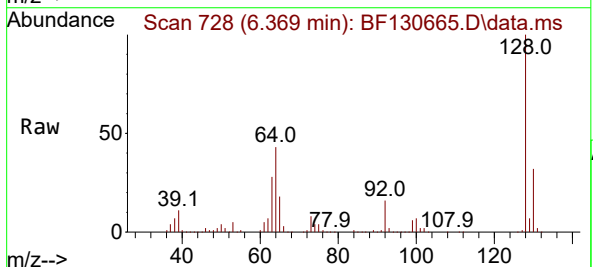
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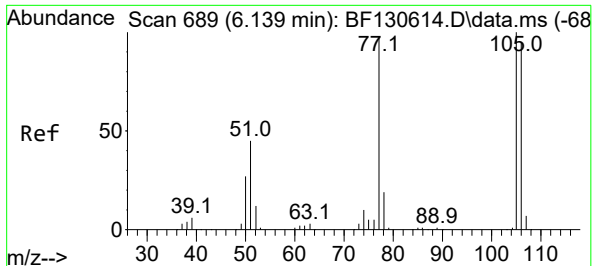
Tgt Ion: 99 Resp: 778167
Ion Ratio Lower Upper
99 100
42 18.0 14.0 21.0
71 36.8 28.8 43.2



#8
2-Chlorophenol
Concen: 48.975 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:128 Resp: 251356
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 42.8 25.9 65.9

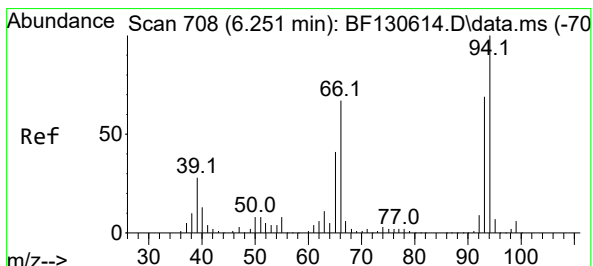
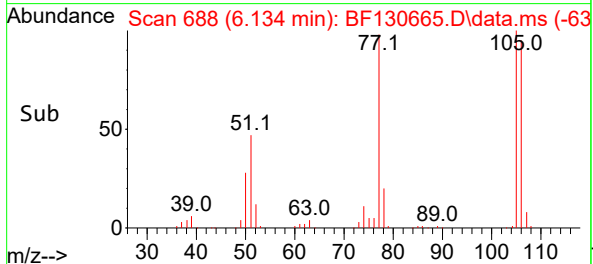
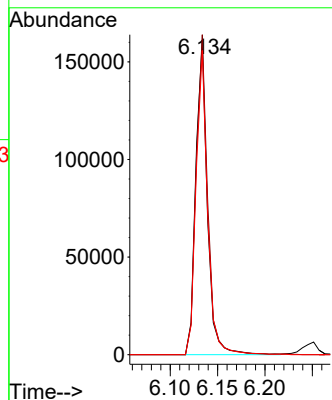
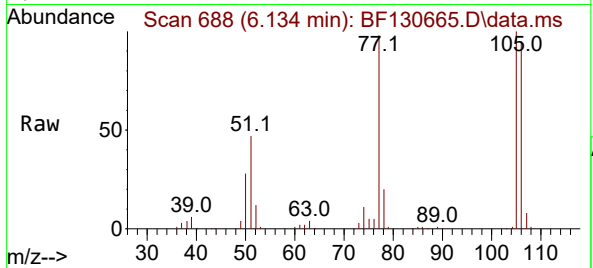




#9
Benzaldehyde
Concen: 39.932 ng
RT: 6.134 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

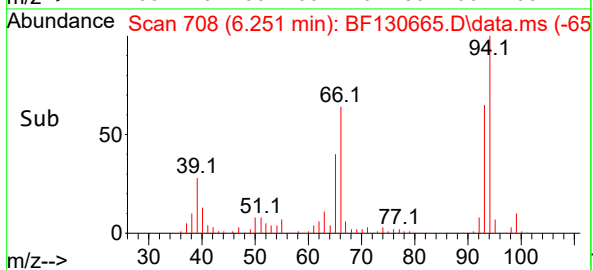
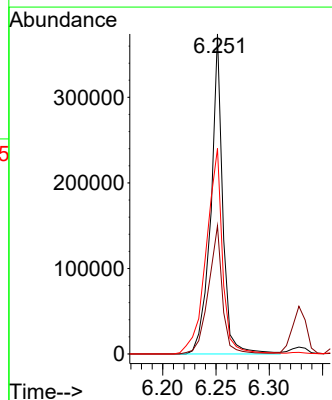
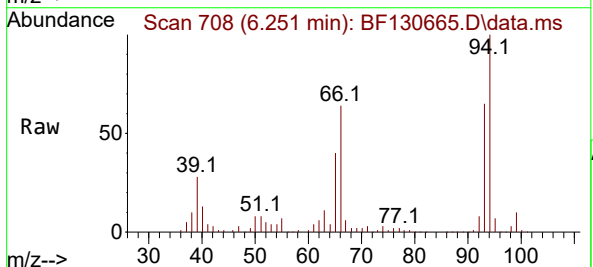
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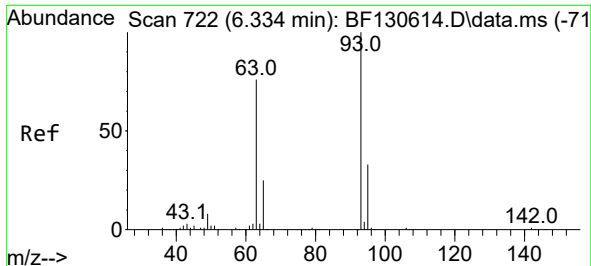
Tgt Ion: 77 Resp: 137660
Ion Ratio Lower Upper
77 100
105 101.7 83.0 123.0
106 96.6 77.8 117.8



#10
Phenol
Concen: 46.216 ng
RT: 6.251 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion: 94 Resp: 293419
Ion Ratio Lower Upper
94 100
65 40.1 21.2 61.2
66 64.2 46.9 86.9

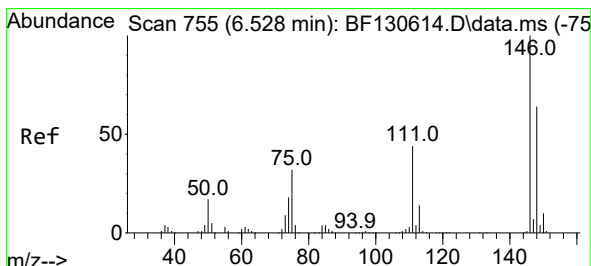
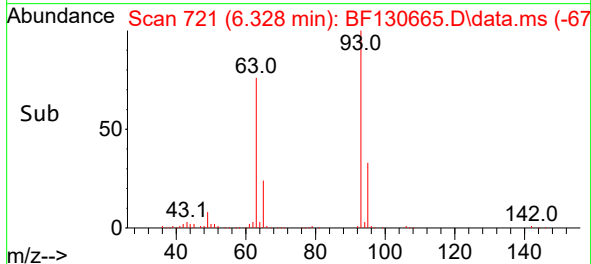
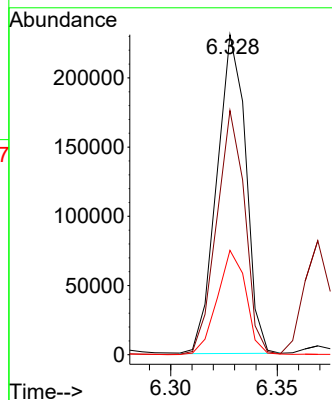
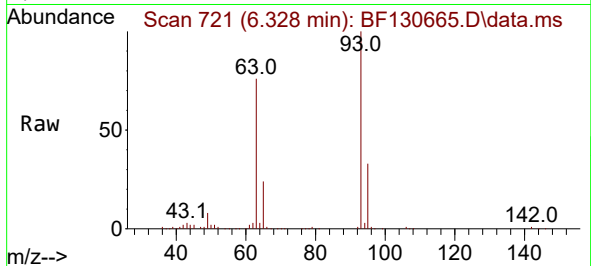




#11
bis(2-Chloroethyl)ether
Concen: 47.305 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

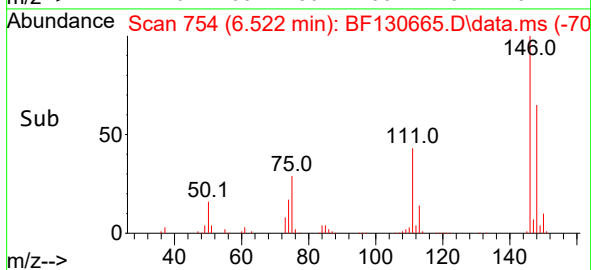
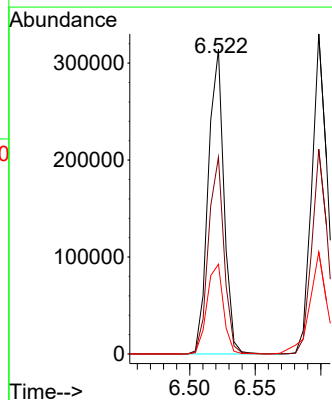
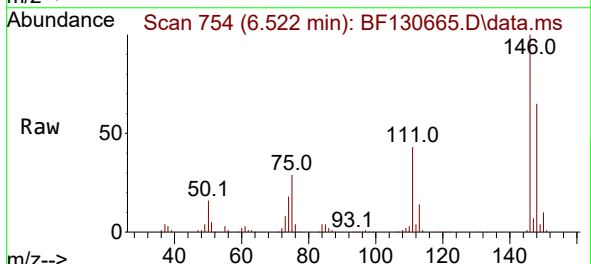
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

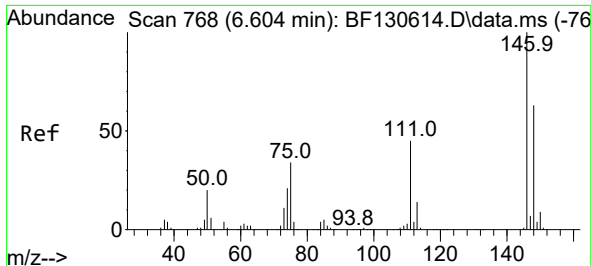
Tgt Ion: 93 Resp: 218158
Ion Ratio Lower Upper
93 100
63 76.3 56.1 96.1
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.707 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:146 Resp: 262470
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 29.5 25.2 37.8

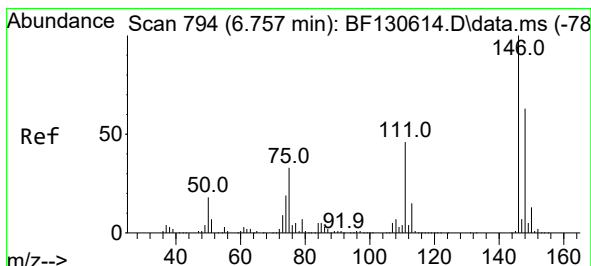
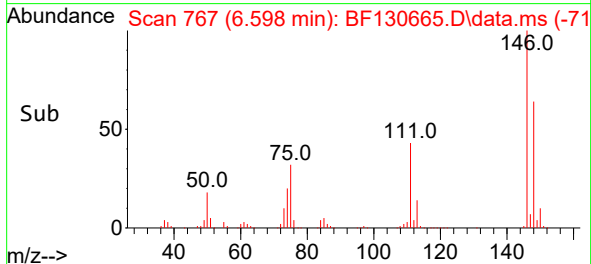
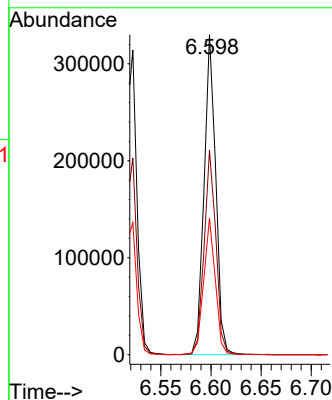
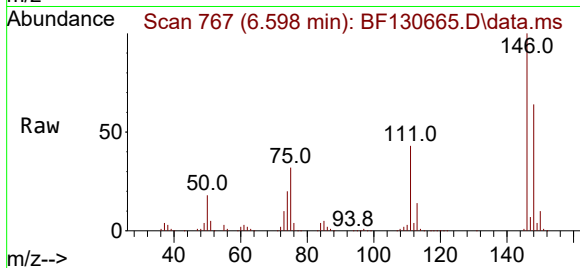




#13
 1,4-Dichlorobenzene
 Concen: 47.109 ng
 RT: 6.598 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

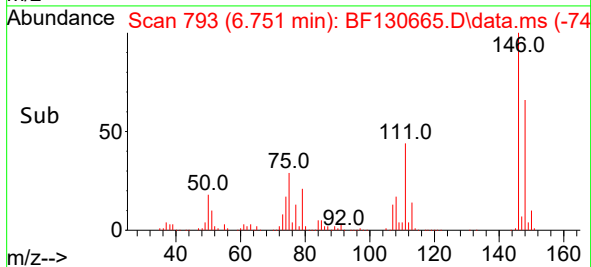
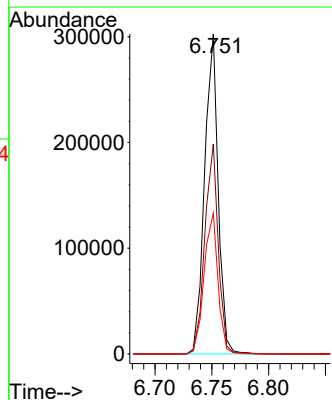
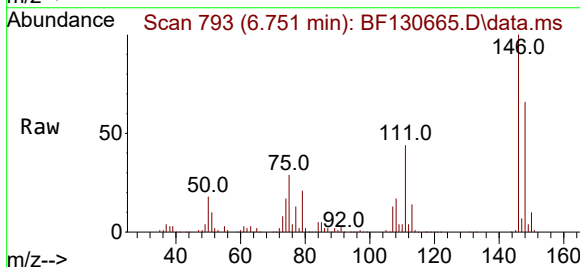
Instrument :
 BNA_F
 ClientSampleId :
 PB148312BSD

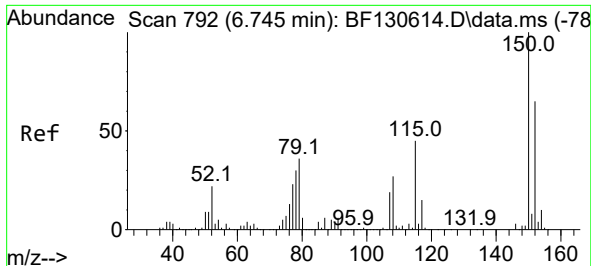
Tgt Ion:146 Resp: 268562
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.1 75.1
 111 42.7 35.9 53.9



#14
 1,2-Dichlorobenzene
 Concen: 47.381 ng
 RT: 6.751 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

Tgt Ion:146 Resp: 251560
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.5 75.7
 111 44.0 37.2 55.8

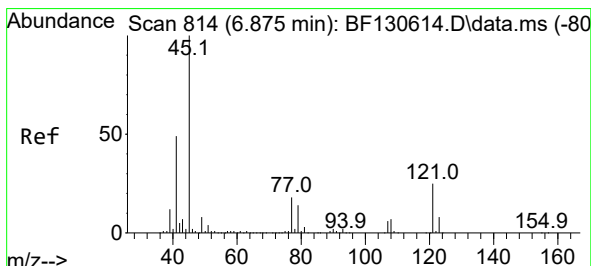
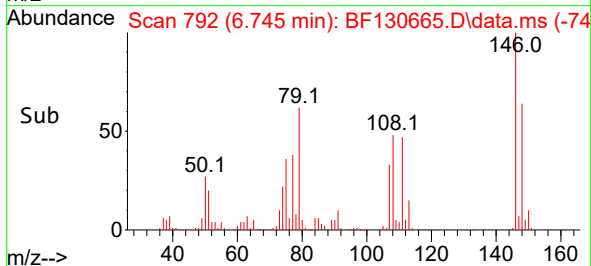
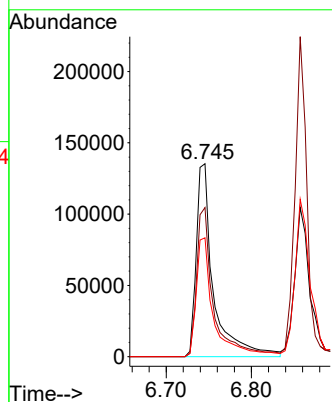
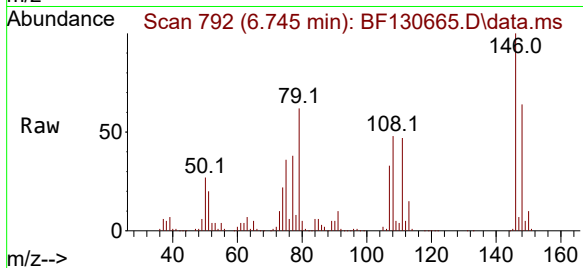




#15
Benzyl Alcohol
Concen: 48.464 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

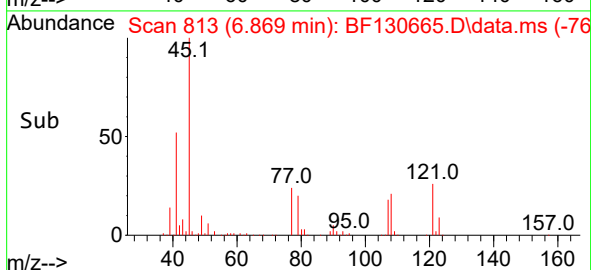
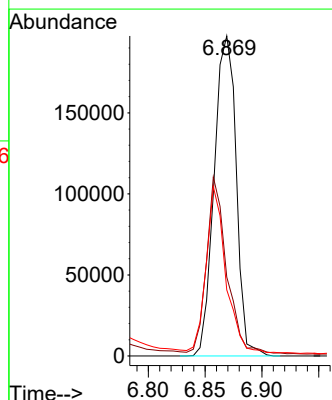
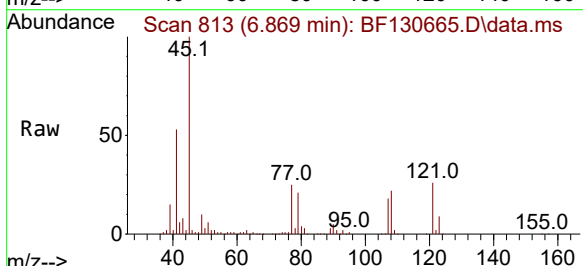
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

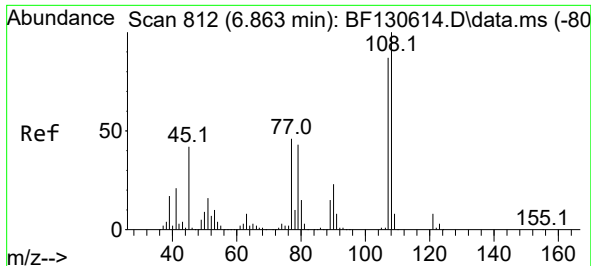
Tgt Ion: 79 Resp: 190920
Ion Ratio Lower Upper
79 100
108 77.3 59.7 89.5
77 61.6 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.853 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion: 45 Resp: 266121
Ion Ratio Lower Upper
45 100
77 24.7 0.0 38.7
79 20.6 0.0 34.6

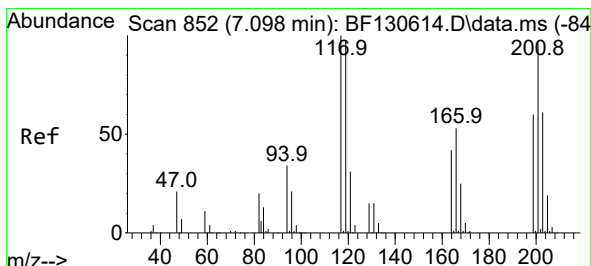
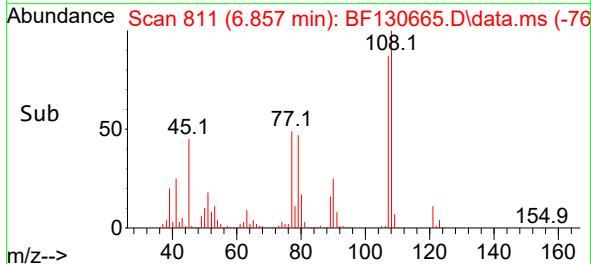
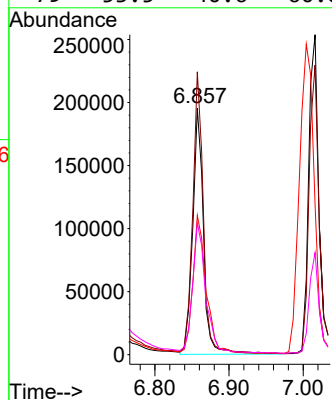
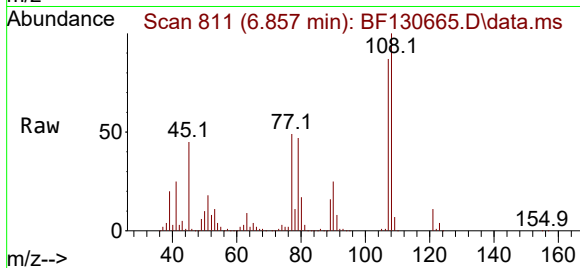




#17
2-Methylphenol
Concen: 48.707 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

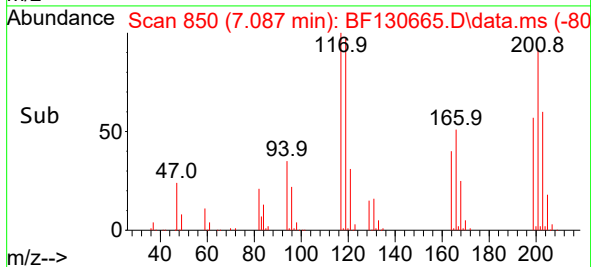
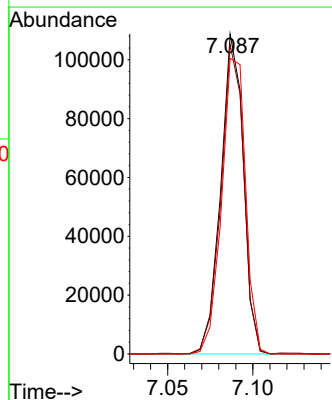
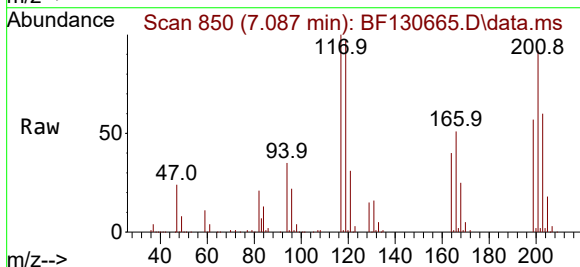
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

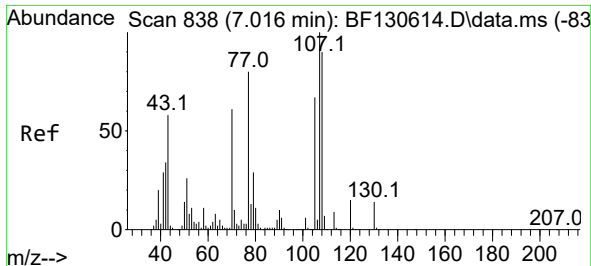
Tgt Ion:107 Resp: 198848
Ion Ratio Lower Upper
107 100
108 114.8 92.2 138.2
77 56.5 42.7 64.1
79 53.5 40.6 60.8



#18
Hexachloroethane
Concen: 46.629 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:117 Resp: 100565
Ion Ratio Lower Upper
117 100
119 96.7 77.6 116.4
201 92.4 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 46.508 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

PB148312BSD

Tgt Ion: 70 Resp: 164643

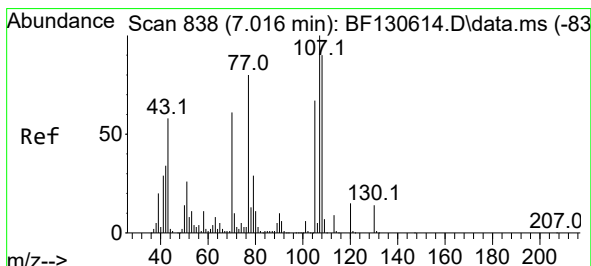
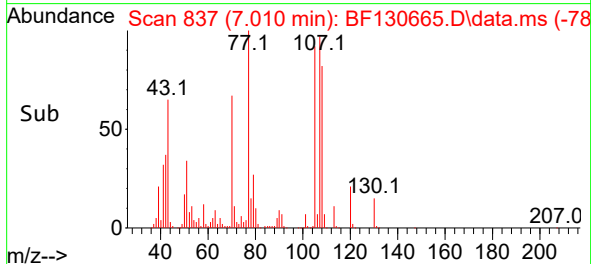
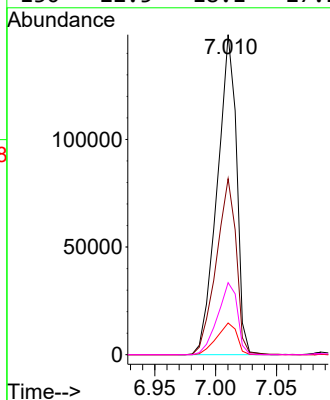
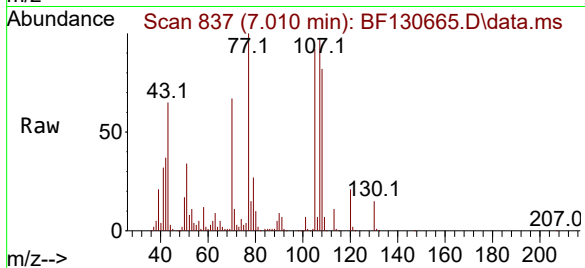
Ion Ratio Lower Upper

70 100

42 55.0 44.3 66.5

101 9.9 7.9 11.9

130 22.5 18.1 27.1



#20

3+4-Methylphenols

Concen: 46.246 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Tgt Ion: 107 Resp: 252995

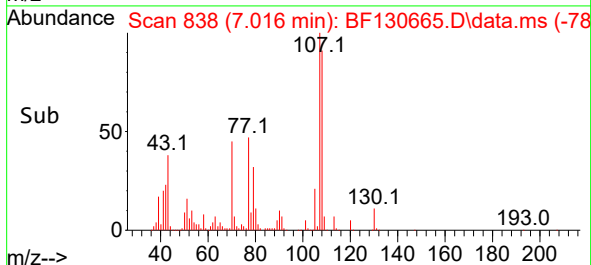
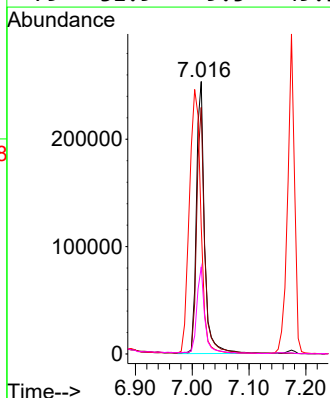
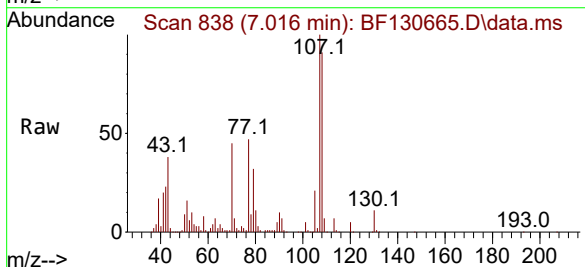
Ion Ratio Lower Upper

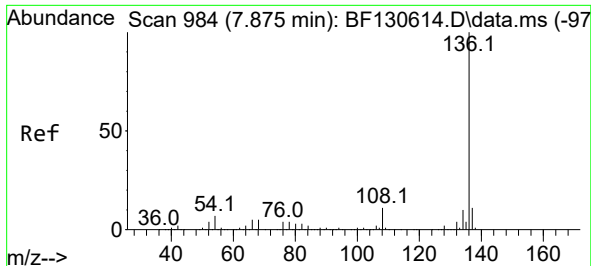
107 100

108 90.5 69.7 109.7

77 46.8 59.7 99.7

79 31.9 9.5 49.5

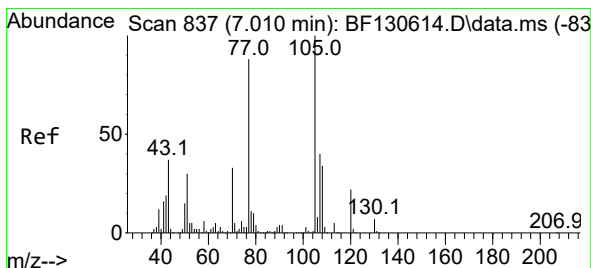
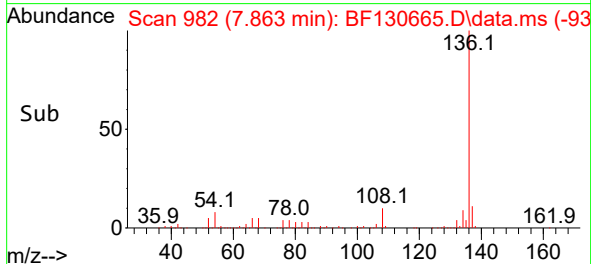
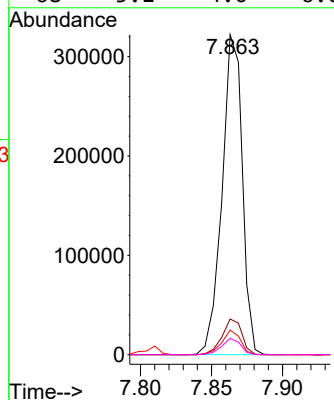
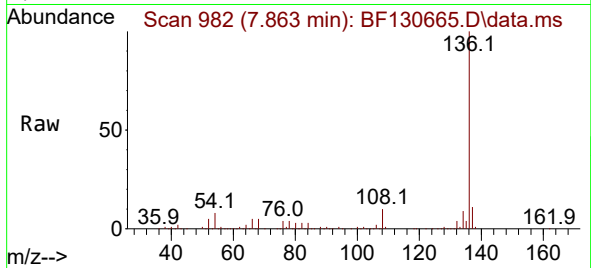




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

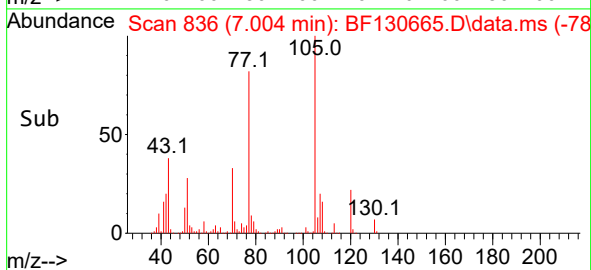
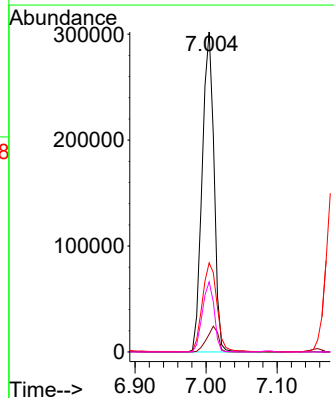
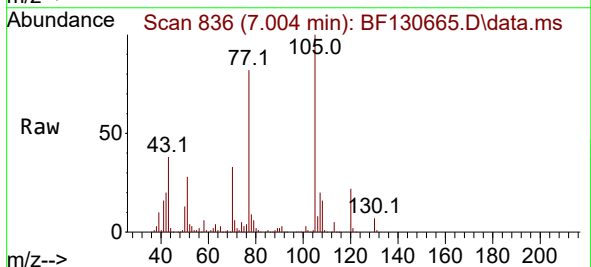
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

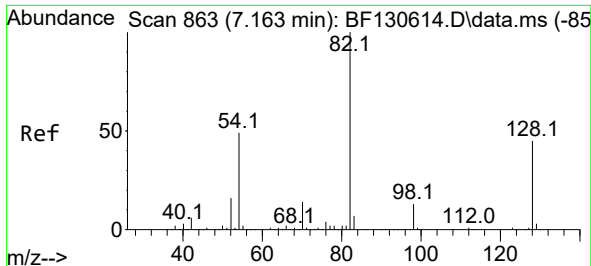
Tgt Ion:136 Resp: 318724
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.7 5.5 8.3
68 5.1 4.0 6.0



#22
Acetophenone
Concen: 45.845 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:105 Resp: 350518
Ion Ratio Lower Upper
105 100
71 5.5 4.2 6.4
51 27.9 24.3 36.5
120 21.9 17.4 26.2





#23

Nitrobenzene-d5

Concen: 83.751 ng

RT: 7.157 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Instrument :

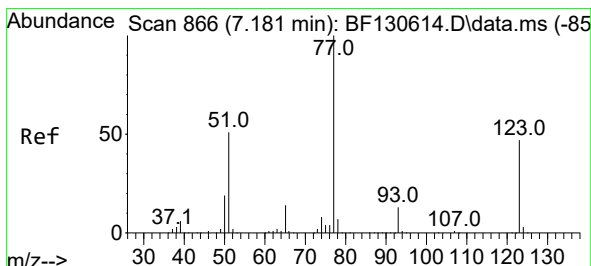
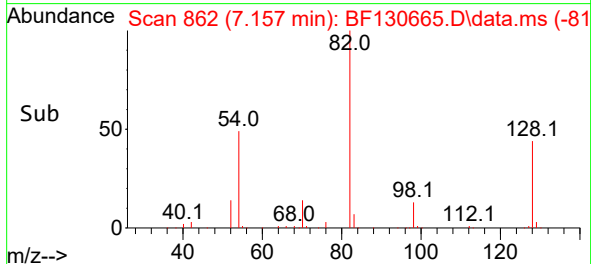
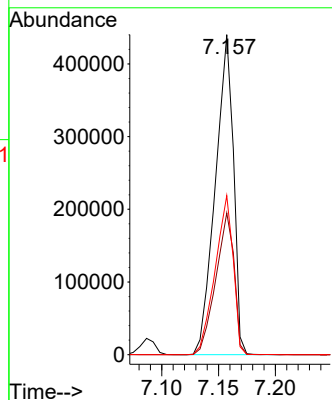
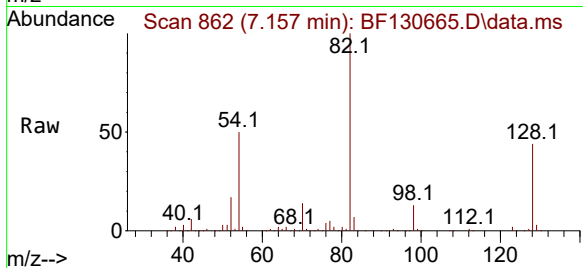
BNA_F

ClientSampleId :

PB148312BSD

Tgt Ion: 82 Resp: 488975

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.8	53.6
54	49.7	39.3	58.9



#24

Nitrobenzene

Concen: 42.962 ng

RT: 7.175 min Scan# 865

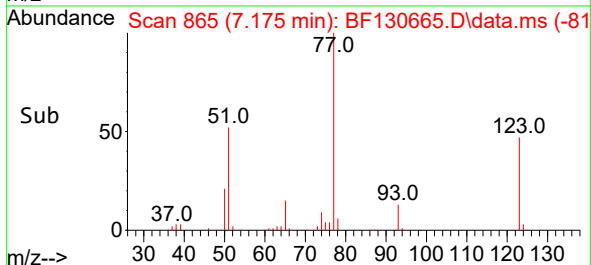
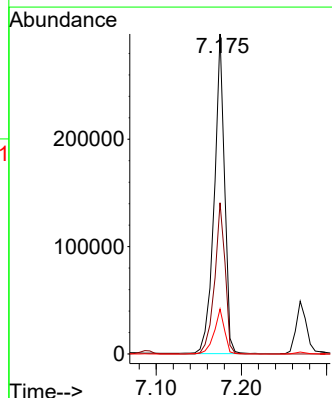
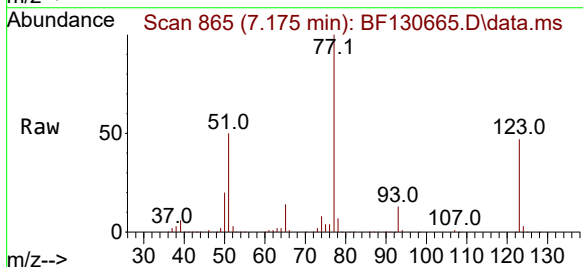
Delta R.T. -0.006 min

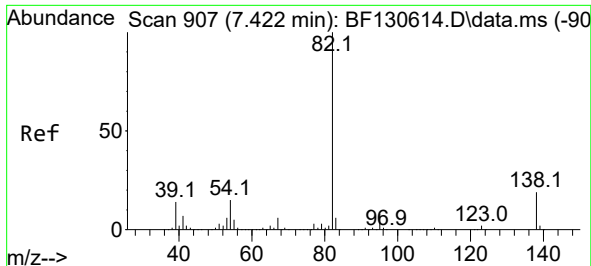
Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Tgt Ion: 77 Resp: 252251

Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.5	56.3
65	14.1	11.0	16.4

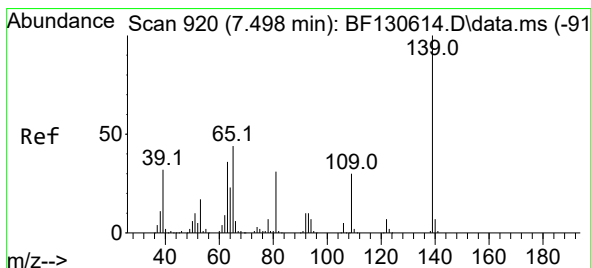
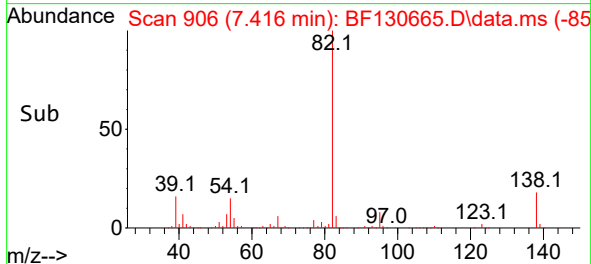
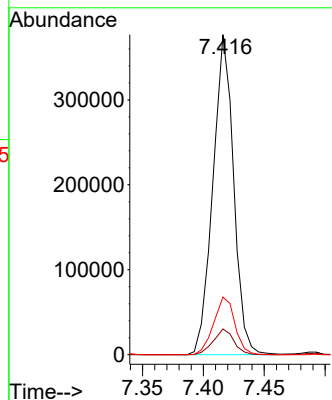
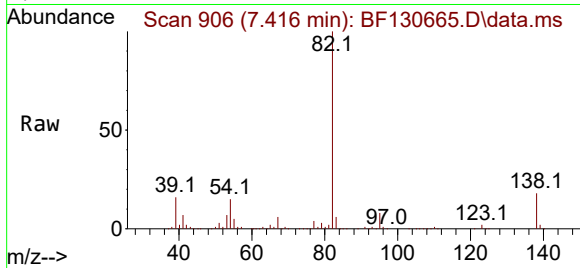




#25
Isophorone
Concen: 45.978 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

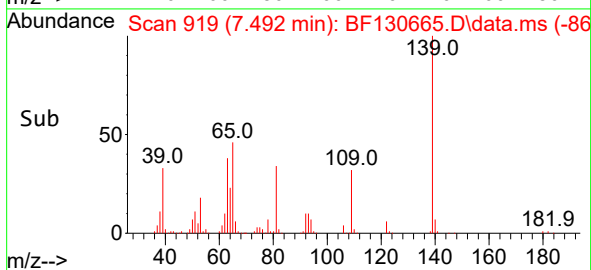
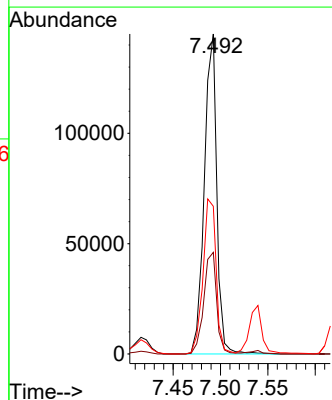
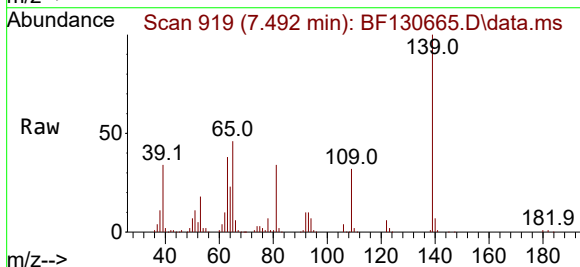
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

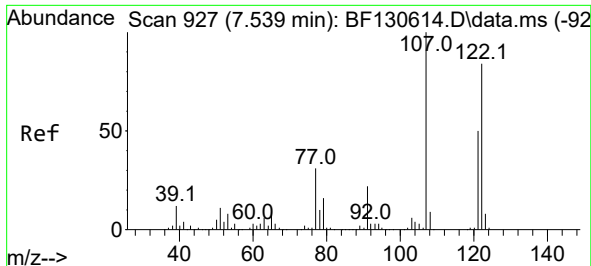
Tgt Ion: 82 Resp: 446771
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 18.0 14.9 22.3



#26
2-Nitrophenol
Concen: 45.892 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:139 Resp: 132140
Ion Ratio Lower Upper
139 100
109 31.8 23.9 35.9
65 46.1 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 51.544 ng

RT: 7.540 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

PB148312BSD

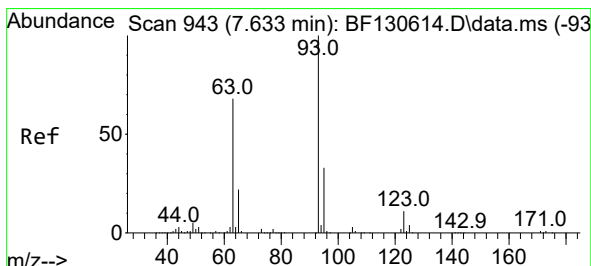
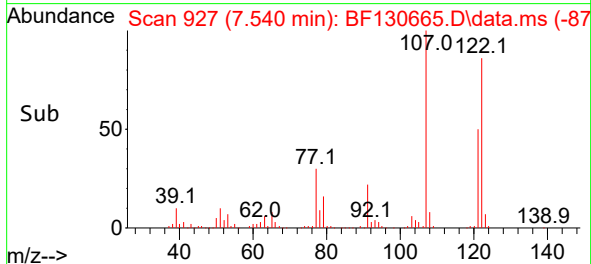
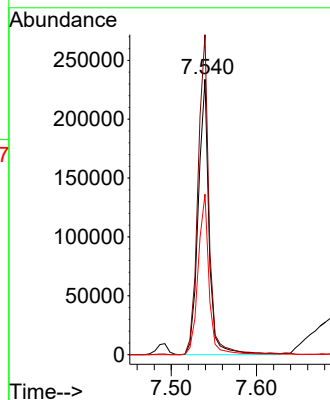
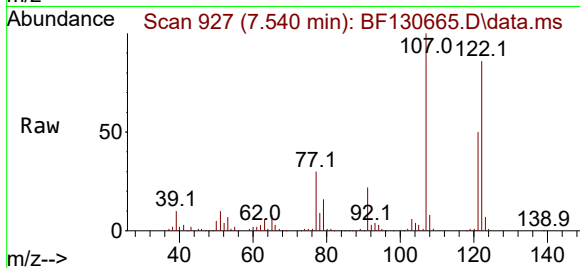
Tgt Ion:122 Resp: 206854

Ion Ratio Lower Upper

122 100

107 116.2 94.9 142.3

121 58.2 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 47.977 ng

RT: 7.628 min Scan# 942

Delta R.T. -0.005 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

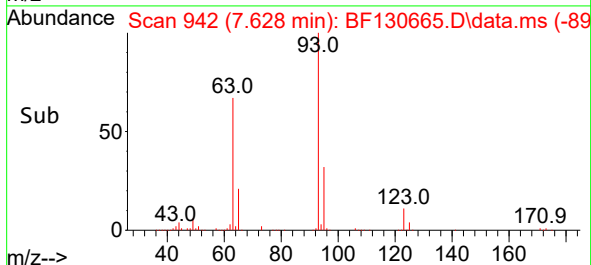
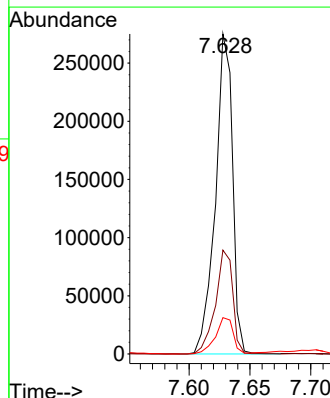
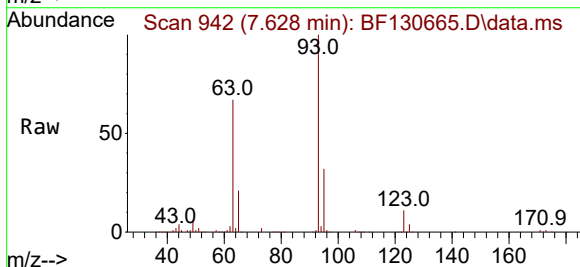
Tgt Ion: 93 Resp: 269945

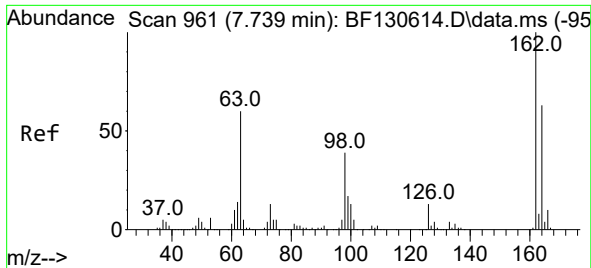
Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.291 ng

RT: 7.734 min Scan# 91

Delta R.T. -0.005 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

PB148312BSD

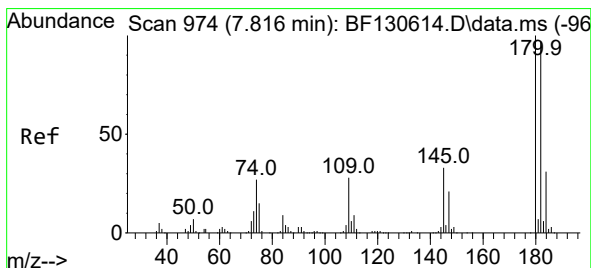
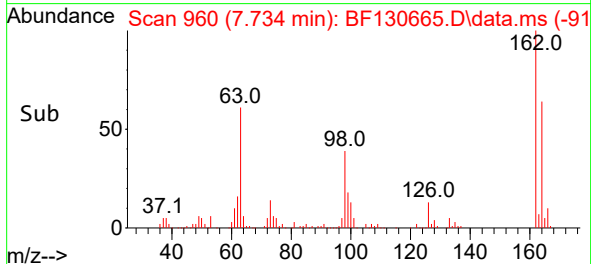
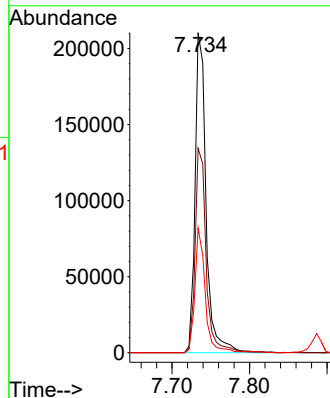
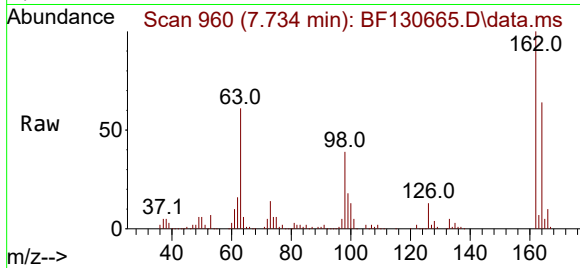
Tgt Ion:162 Resp: 207849

Ion Ratio Lower Upper

162 100

164 63.9 42.8 82.8

98 39.0 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 44.821 ng

RT: 7.810 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

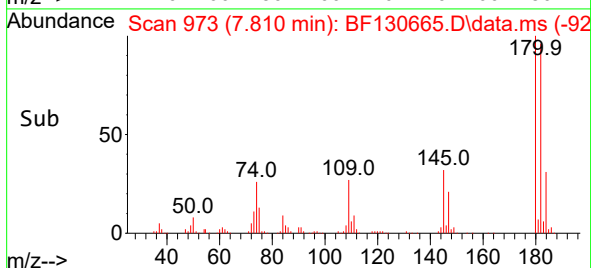
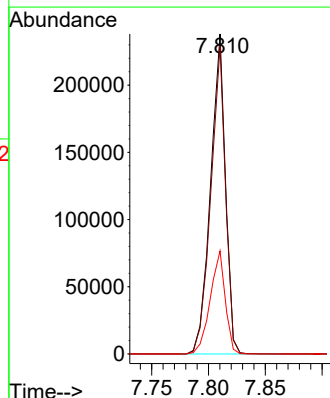
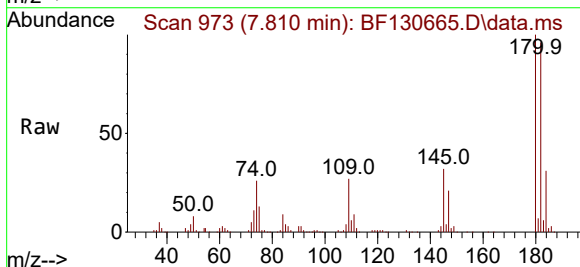
Tgt Ion:180 Resp: 216960

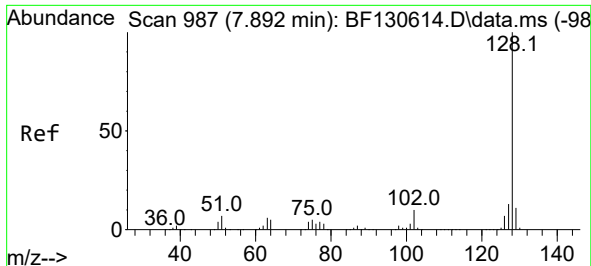
Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

145 32.2 26.7 40.1





#31

Naphthalene

Concen: 43.139 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

PB148312BSD

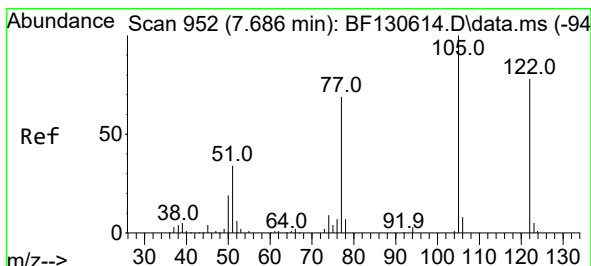
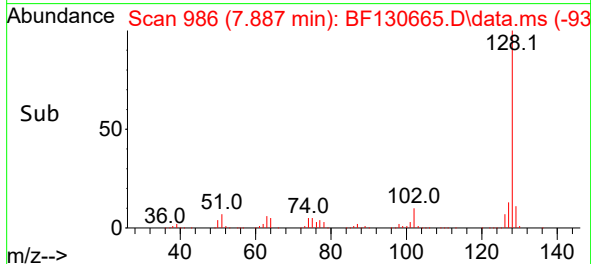
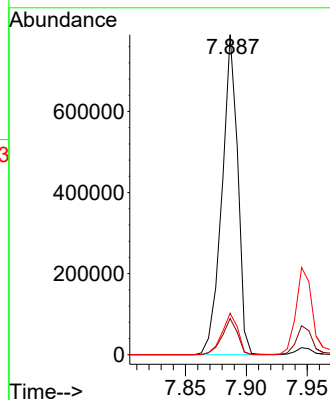
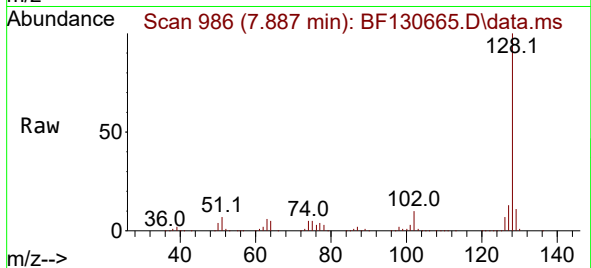
Tgt Ion:128 Resp: 711739

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 42.630 ng

RT: 7.704 min Scan# 955

Delta R.T. 0.018 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

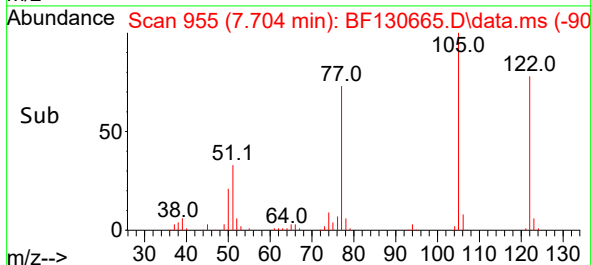
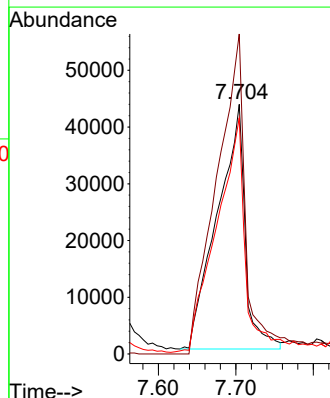
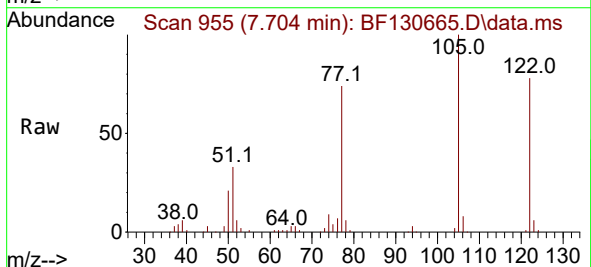
Tgt Ion:122 Resp: 108232

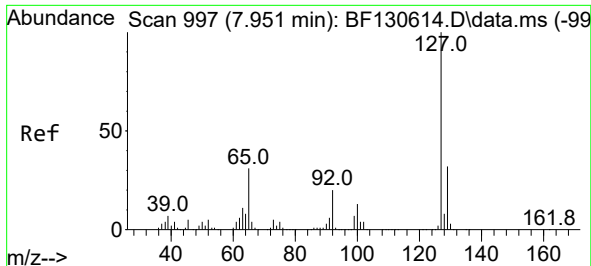
Ion Ratio Lower Upper

122 100

105 128.2 104.8 144.8

77 94.5 68.2 108.2

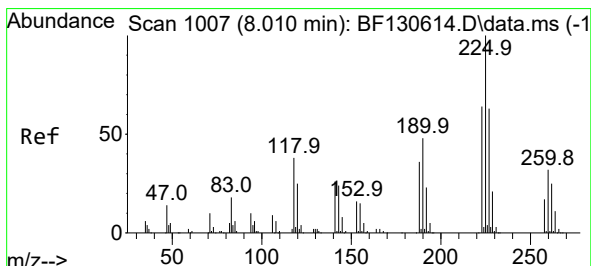
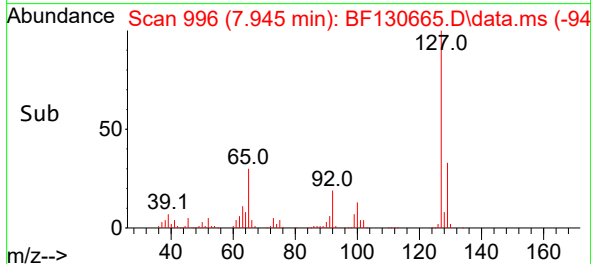
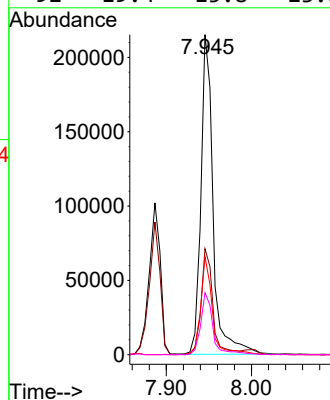
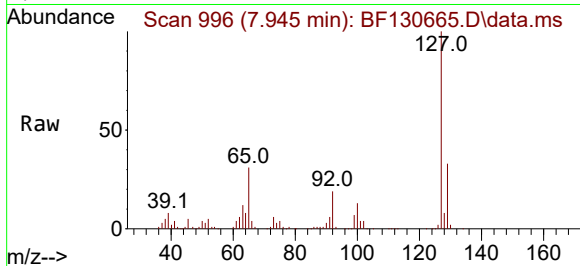




#33
4-Chloroaniline
Concen: 33.620 ng
RT: 7.945 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

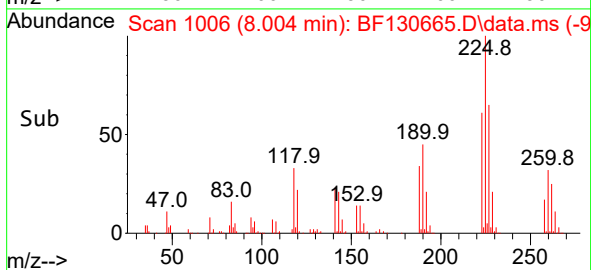
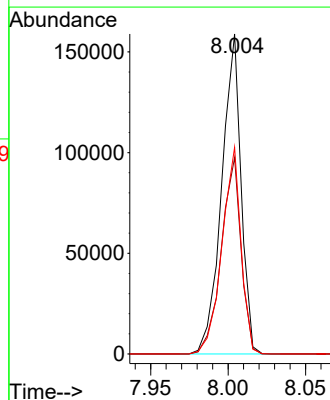
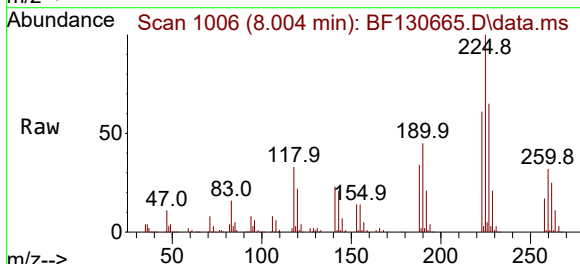
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

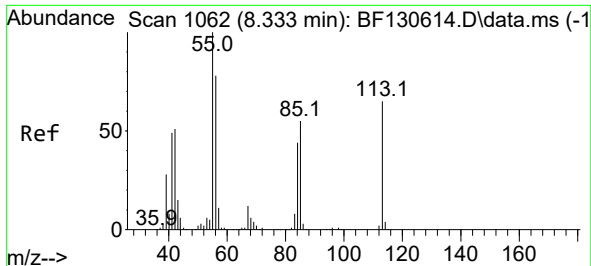
Tgt Ion:	127	Resp:	214870
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.7	38.5
65	30.6	24.7	37.1
92	19.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 45.891 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:	225	Resp:	137872
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.5	77.3
227	64.6	50.4	75.6

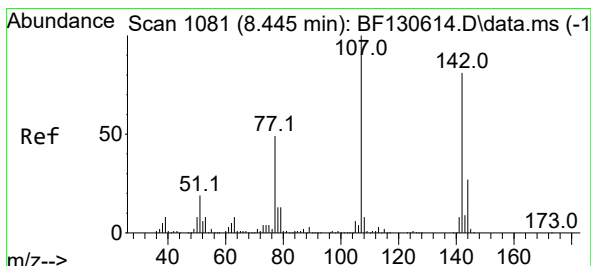
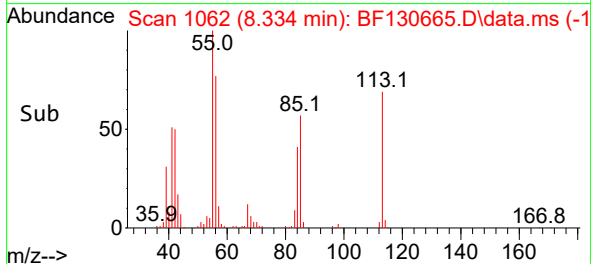
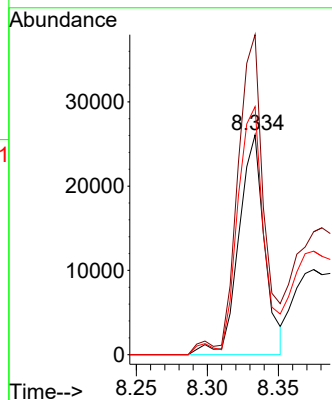
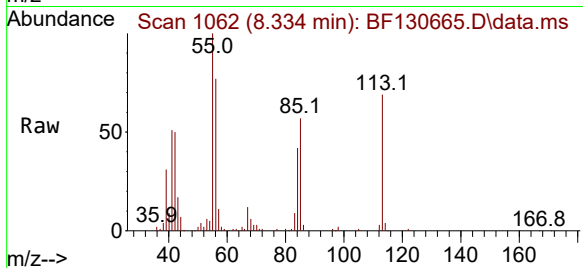




#35
 Caprolactam
 Concen: 24.275 ng
 RT: 8.334 min Scan# 1062
 Delta R.T. 0.000 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

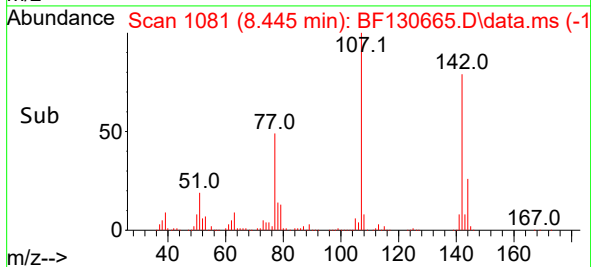
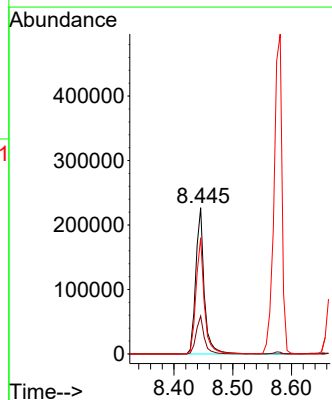
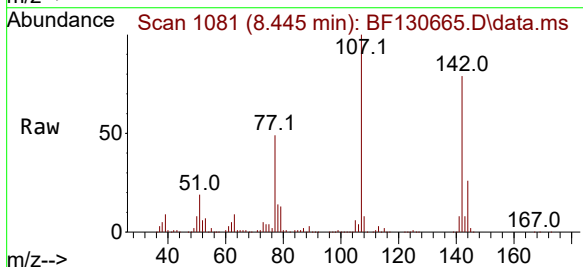
Instrument :
 BNA_F
 ClientSampleId :
 PB148312BSD

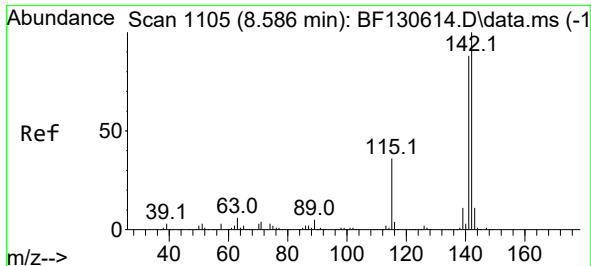
Tgt Ion:113 Resp: 32794
 Ion Ratio Lower Upper
 113 100
 55 145.5 134.3 174.3
 56 112.8 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.437 ng
 RT: 8.445 min Scan# 1081
 Delta R.T. 0.000 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

Tgt Ion:107 Resp: 226166
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.9 32.9
 142 79.5 64.6 96.8

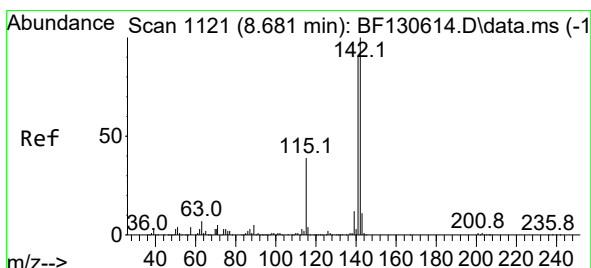
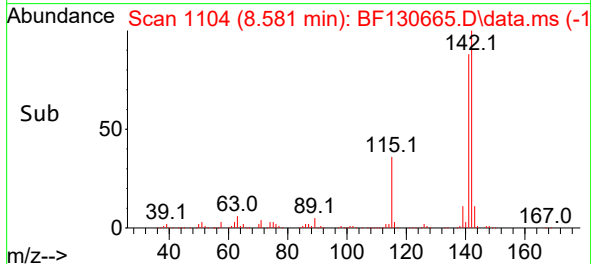
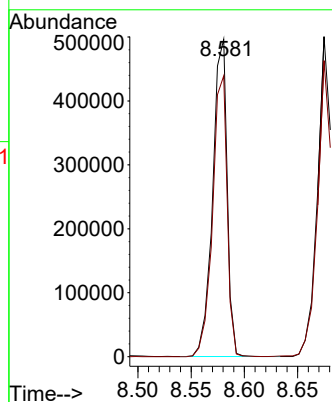
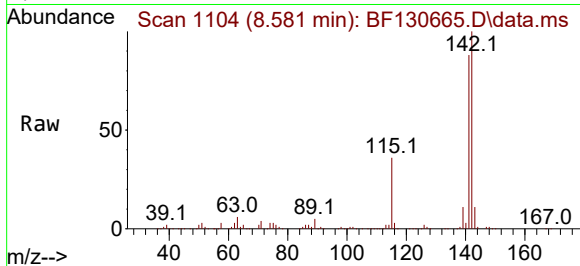




#37
2-Methylnaphthalene
Concen: 45.059 ng
RT: 8.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

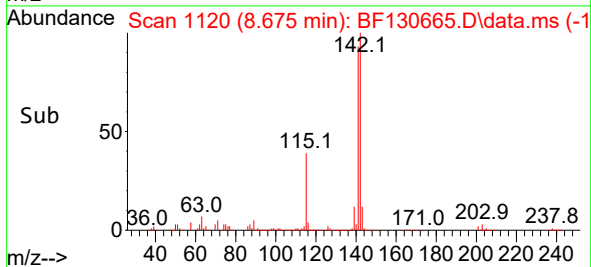
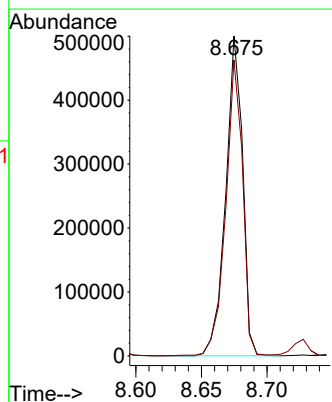
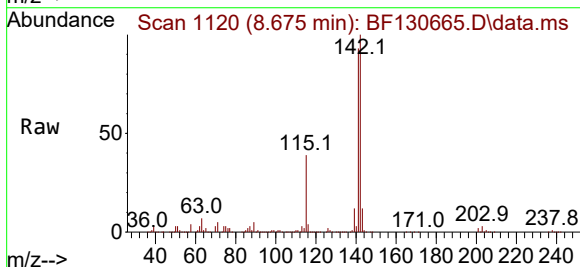
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

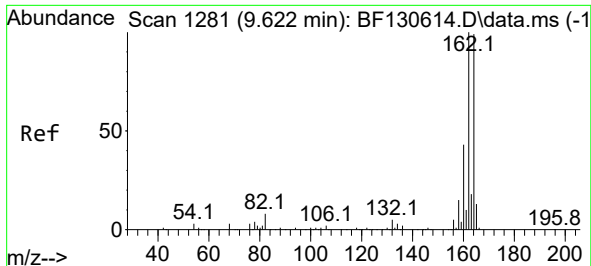
Tgt Ion:142 Resp: 467833
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1



#38
1-Methylnaphthalene
Concen: 44.455 ng
RT: 8.675 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:142 Resp: 448066
Ion Ratio Lower Upper
142 100
141 92.5 72.6 108.8

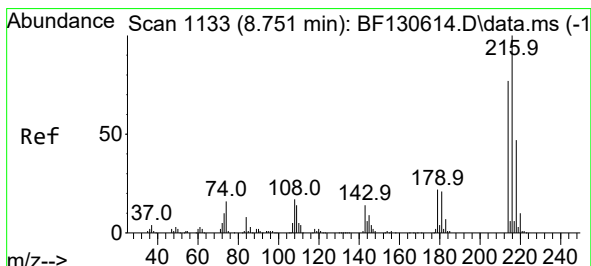
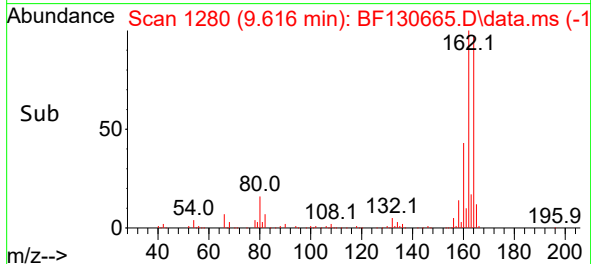
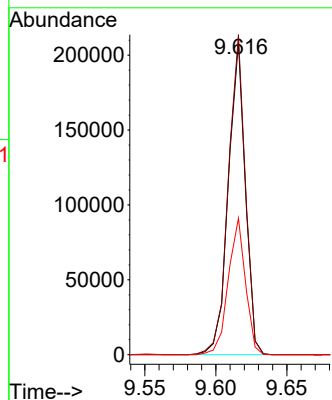
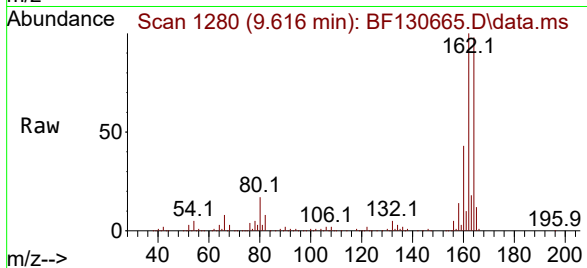




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

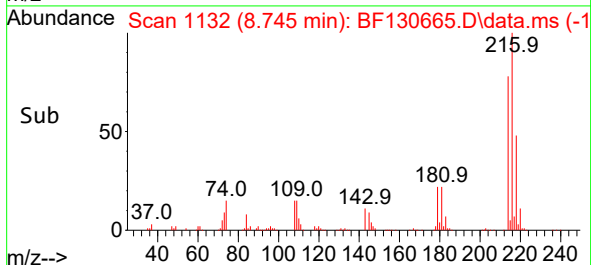
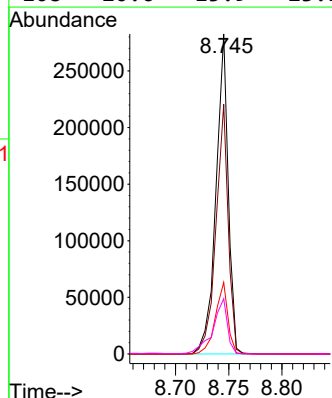
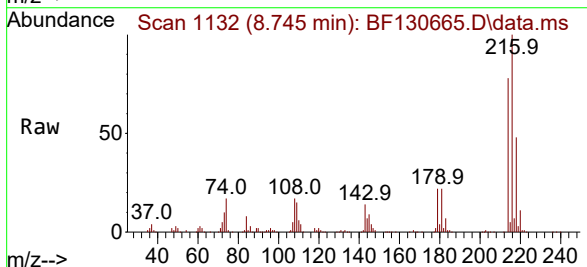
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

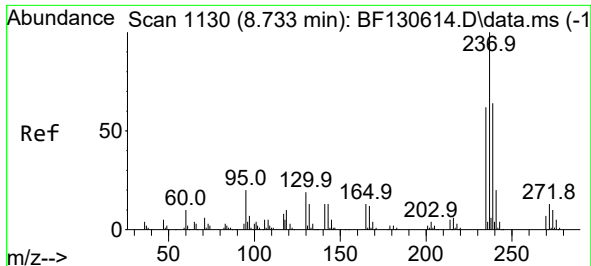
Tgt Ion:164 Resp: 173534
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.4
160 43.7 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.983 ng
RT: 8.745 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:216 Resp: 225914
Ion Ratio Lower Upper
216 100
214 78.1 62.1 93.1
179 22.6 18.6 27.8
108 20.6 15.9 23.9

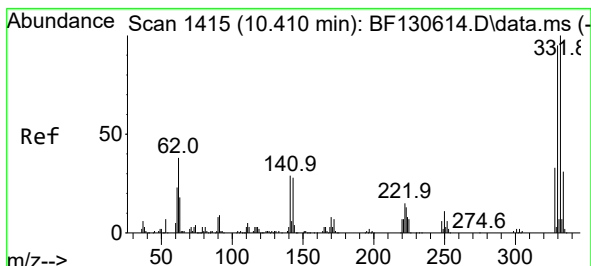
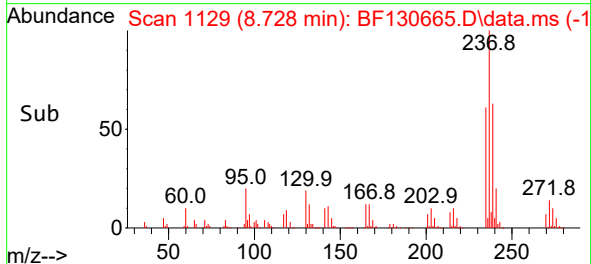
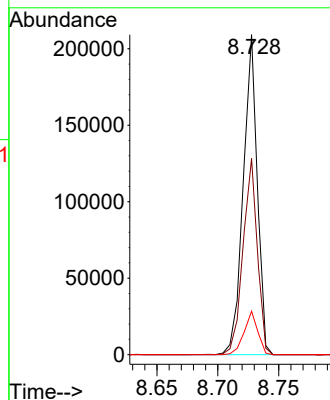
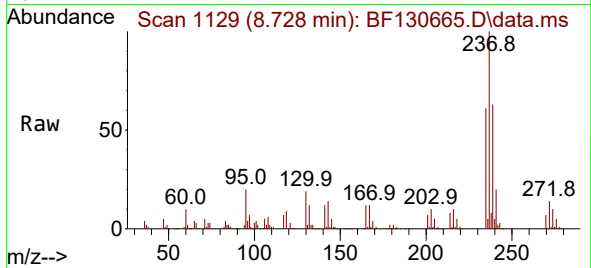




#41
Hexachlorocyclopentadiene
Concen: 91.900 ng
RT: 8.728 min Scan# 1130
Delta R.T. -0.005 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

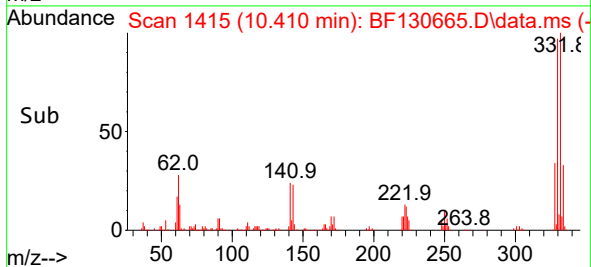
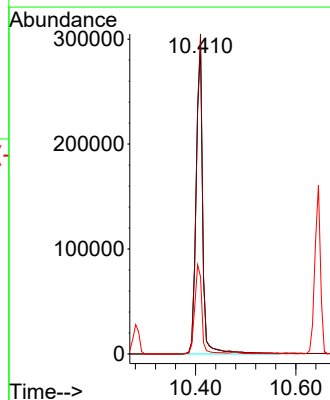
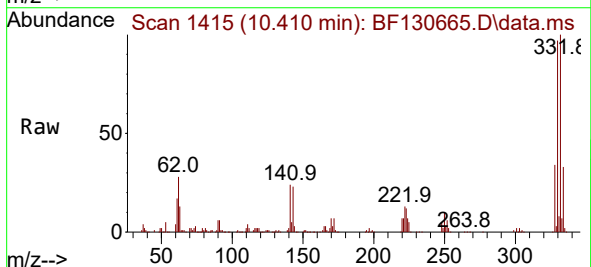
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

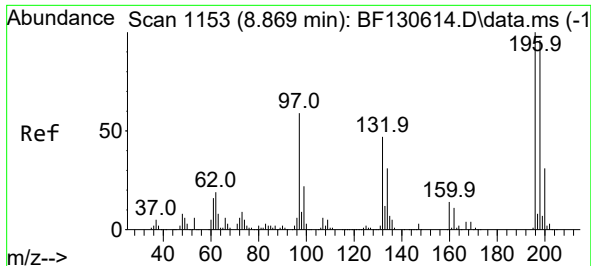
Tgt Ion:237 Resp: 168417
Ion Ratio Lower Upper
237 100
235 61.3 42.2 82.2
272 13.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 157.245 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:330 Resp: 267006
Ion Ratio Lower Upper
330 100
332 101.7 84.2 126.4
141 31.1 26.8 40.2

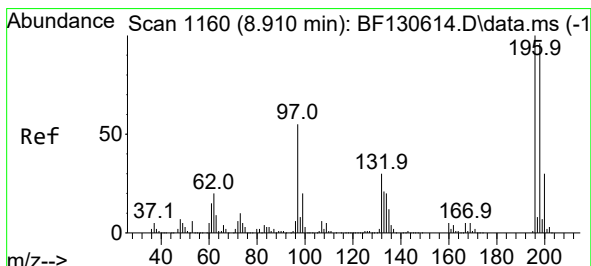
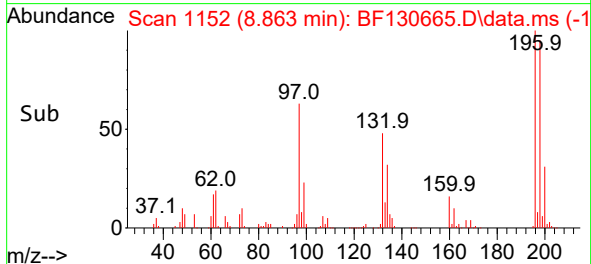
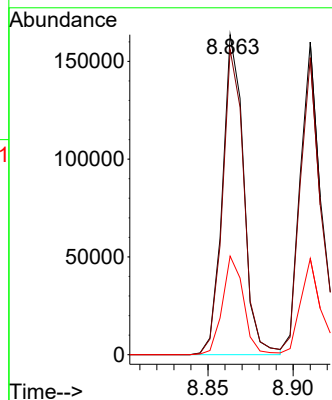
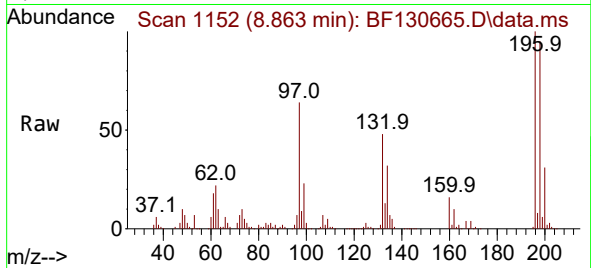




#43
2,4,6-Trichlorophenol
Concen: 44.980 ng
RT: 8.863 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

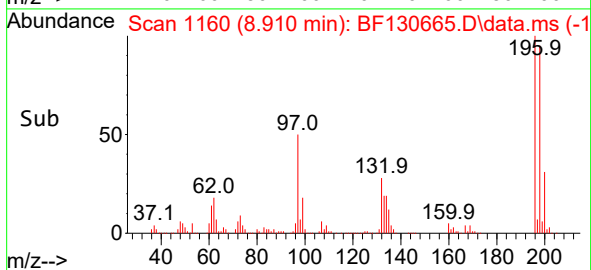
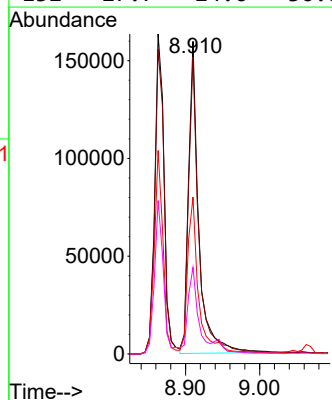
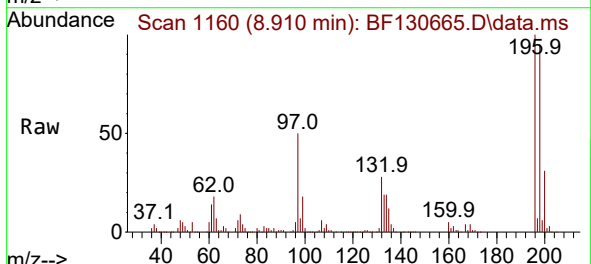
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

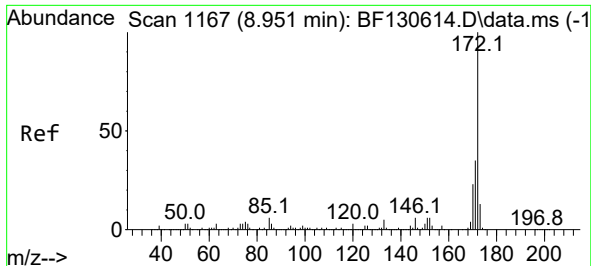
Tgt Ion:196 Resp: 142194
Ion Ratio Lower Upper
196 100
198 95.3 76.6 115.0
200 30.8 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 44.419 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:196 Resp: 154423
Ion Ratio Lower Upper
196 100
198 95.0 76.6 114.8
97 50.1 44.3 66.5
132 27.7 24.6 36.8

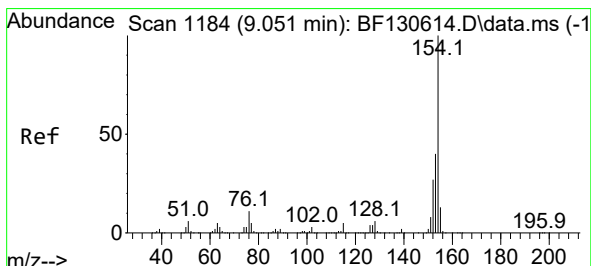
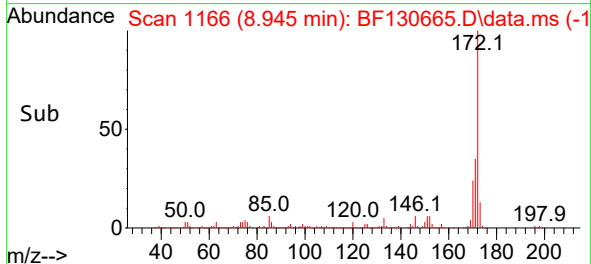
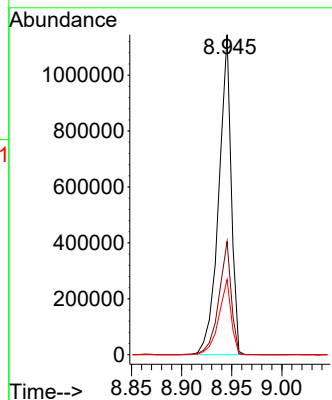
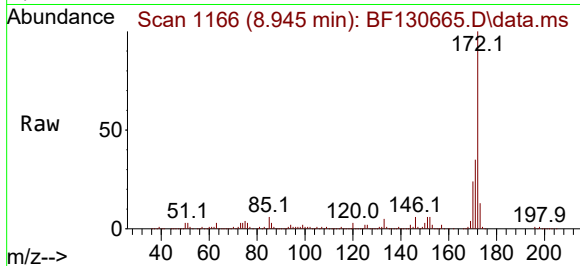




#45
2-Fluorobiphenyl
Concen: 86.122 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

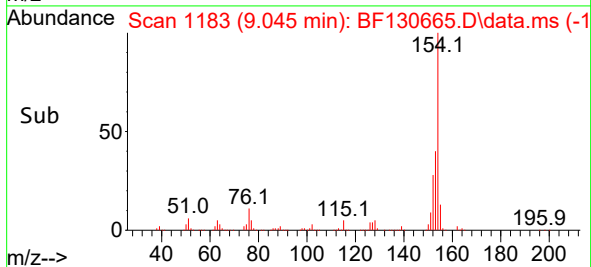
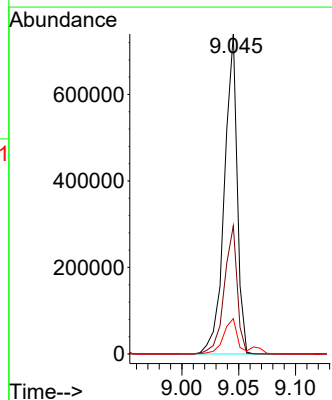
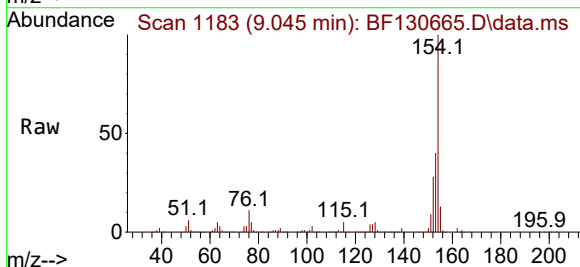
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

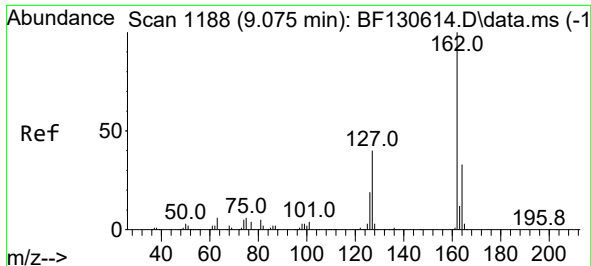
Tgt Ion:172 Resp: 986644
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 46.350 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:154 Resp: 582909
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 11.0 0.0 30.8

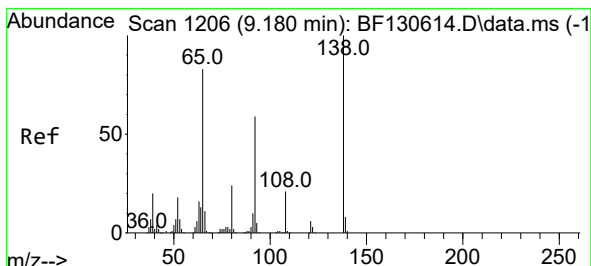
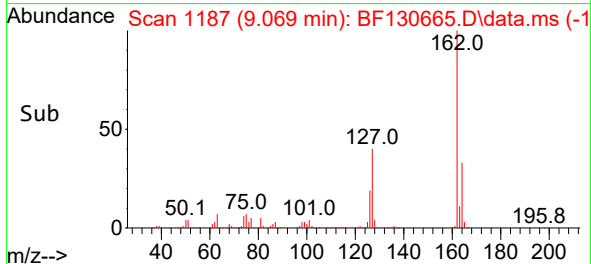
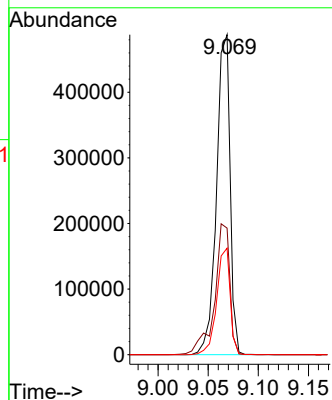
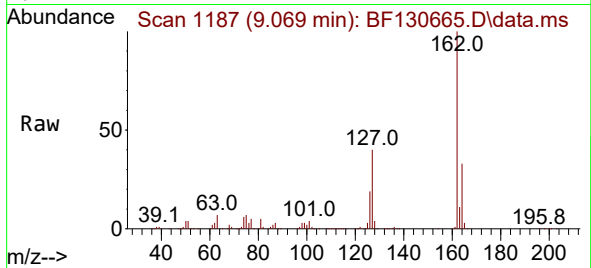




#47
2-Chloronaphthalene
Concen: 44.725 ng
RT: 9.069 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

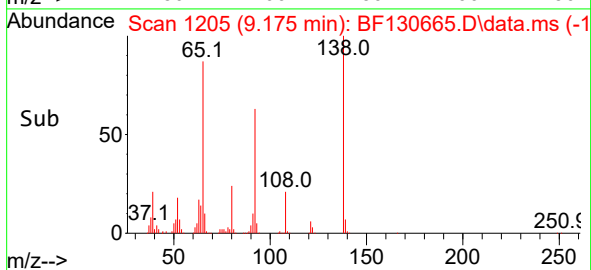
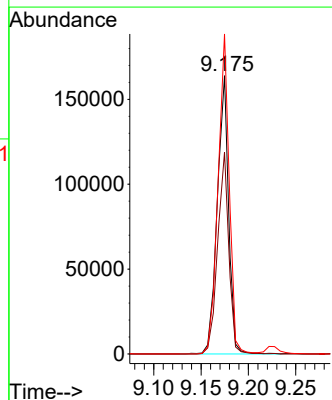
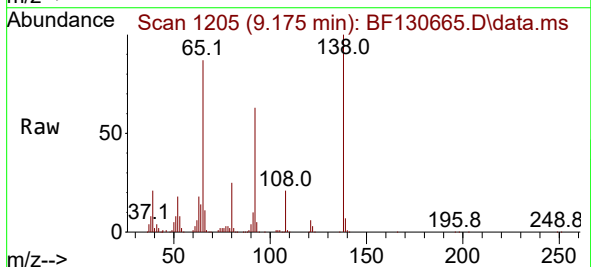
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

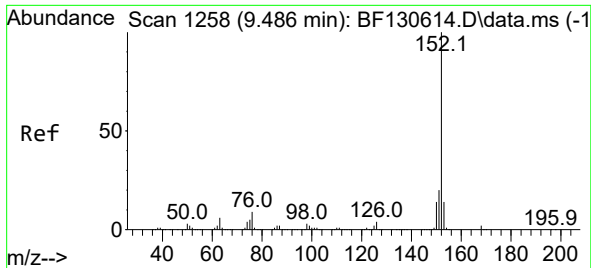
Tgt Ion:162 Resp: 459709
Ion Ratio Lower Upper
162 100
127 39.5 32.6 49.0
164 33.3 26.3 39.5



#48
2-Nitroaniline
Concen: 44.185 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.005 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion: 65 Resp: 136712
Ion Ratio Lower Upper
65 100
92 72.6 57.4 86.0
138 115.0 96.7 145.1

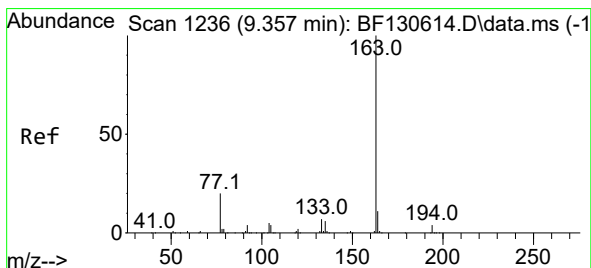
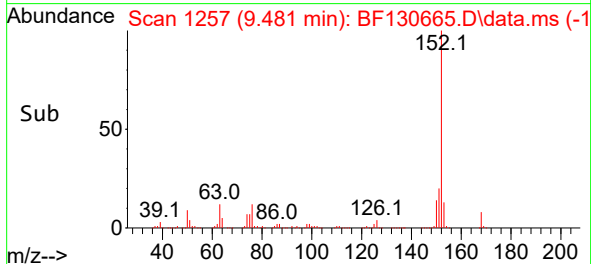
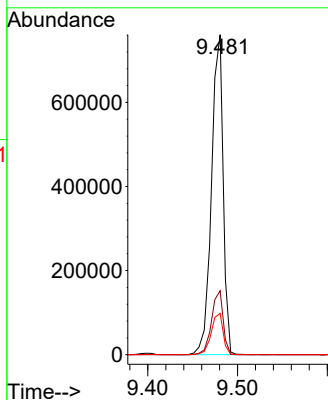
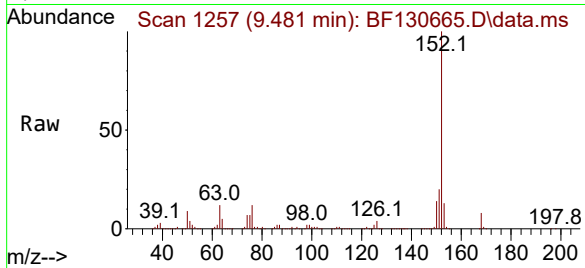




#49
Acenaphthylene
Concen: 44.612 ng
RT: 9.481 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

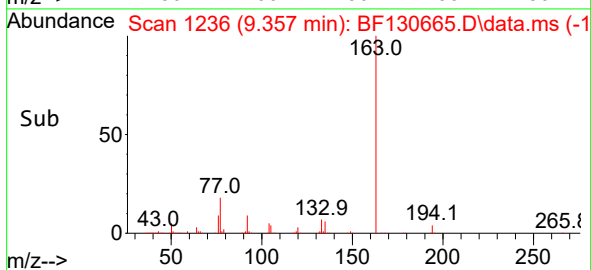
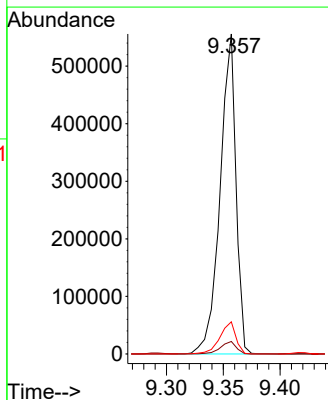
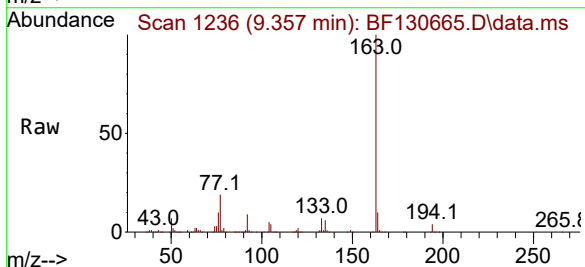
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

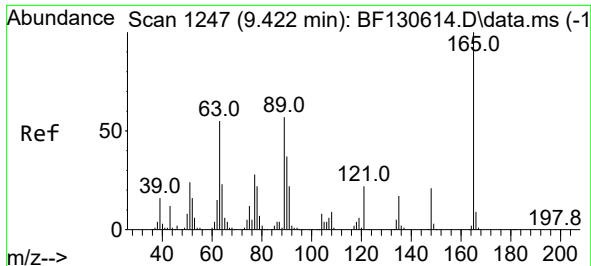
Tgt Ion:152 Resp: 687061
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.9 10.8 16.2



#50
Dimethylphthalate
Concen: 45.097 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:163 Resp: 541728
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.5 12.7

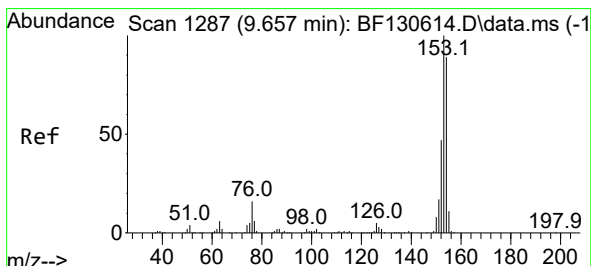
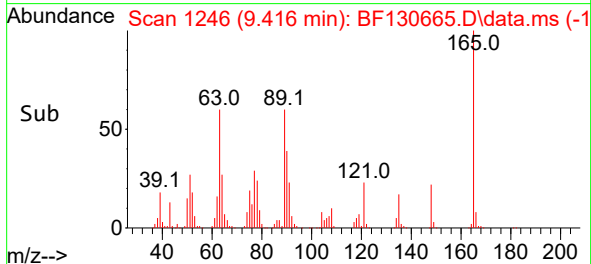
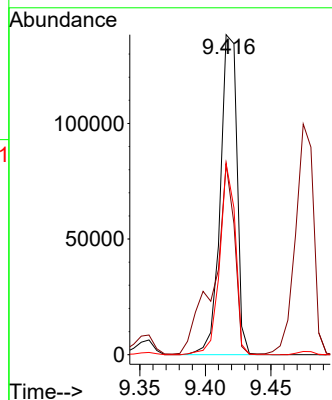
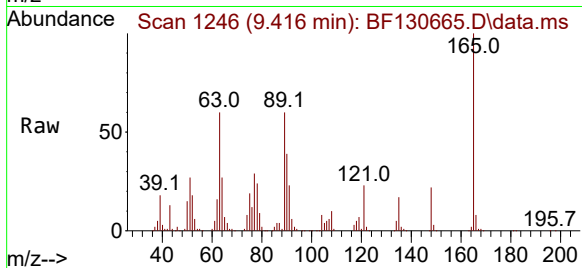




#51
2,6-Dinitrotoluene
Concen: 46.544 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

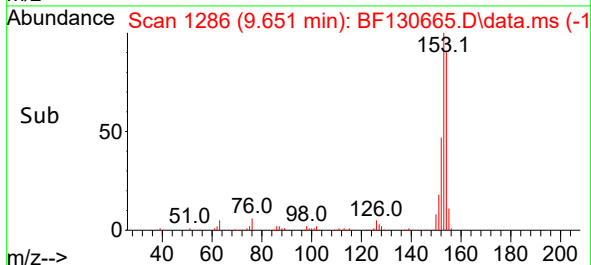
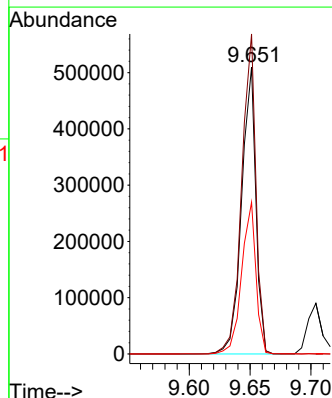
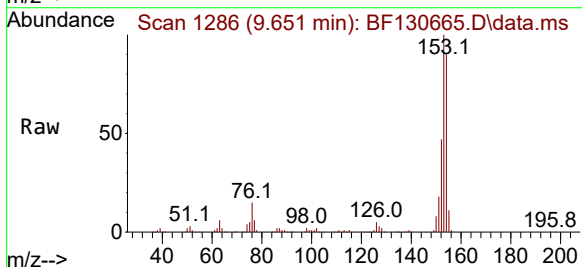
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

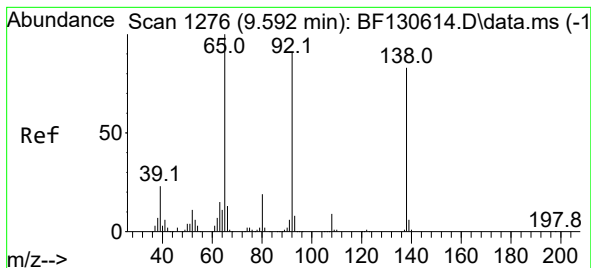
Tgt Ion:165 Resp: 122645
Ion Ratio Lower Upper
165 100
63 59.6 45.3 67.9
89 59.8 45.6 68.4



#52
Acenaphthene
Concen: 44.562 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:154 Resp: 415796
Ion Ratio Lower Upper
154 100
153 111.5 89.6 134.4
152 52.8 42.4 63.6





#53

3-Nitroaniline

Concen: 34.899 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

PB148312BSD

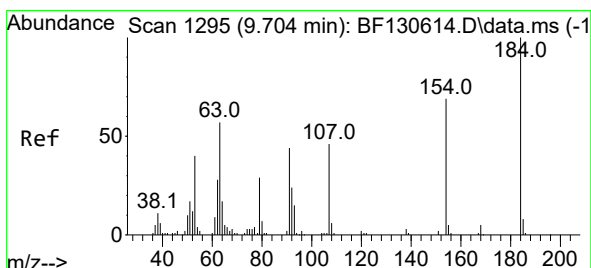
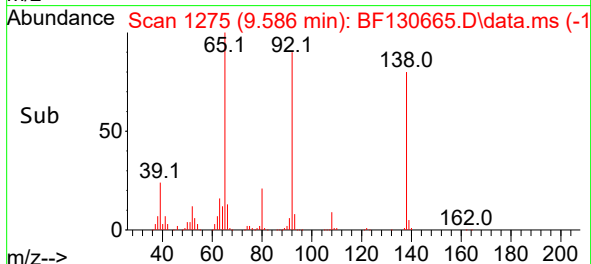
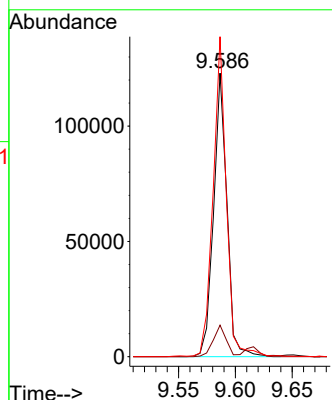
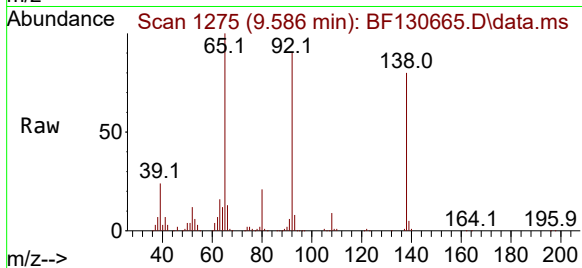
Tgt Ion:138 Resp: 100803

Ion Ratio Lower Upper

138 100

108 11.1 8.4 12.6

92 112.8 88.2 132.4



#54

2,4-Dinitrophenol

Concen: 89.573 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

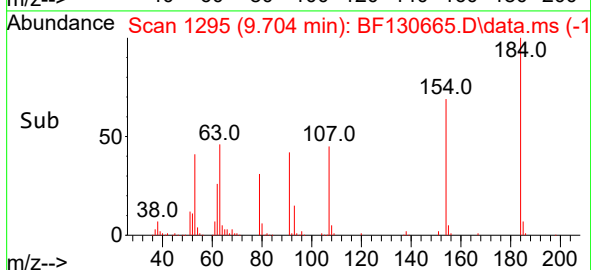
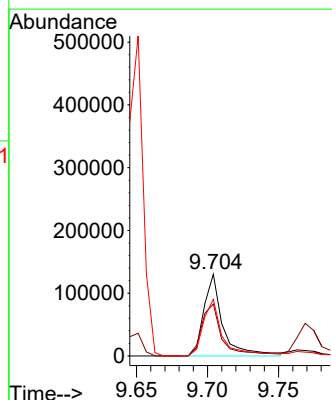
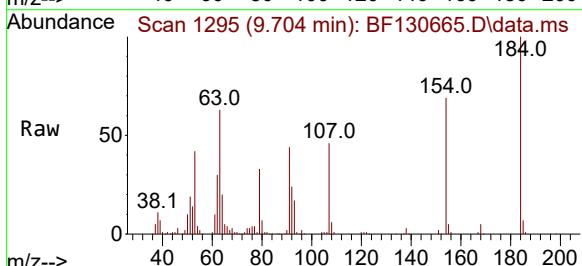
Tgt Ion:184 Resp: 121125

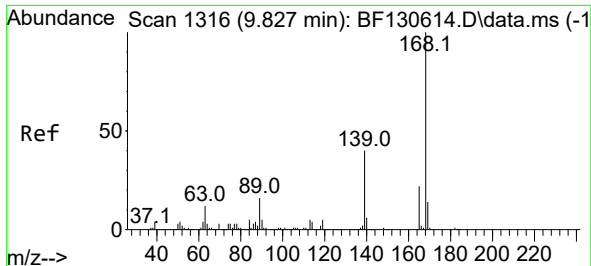
Ion Ratio Lower Upper

184 100

63 63.3 45.5 68.3

154 69.2 55.1 82.7

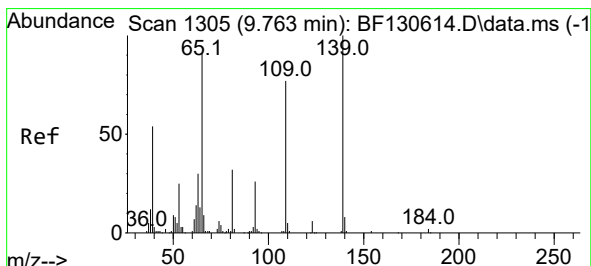
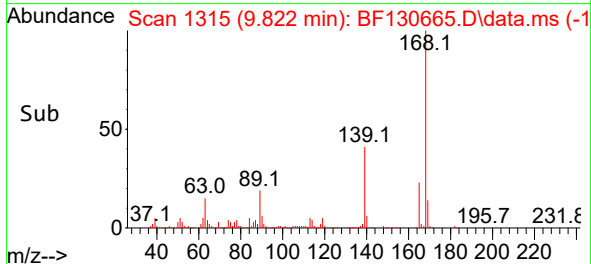
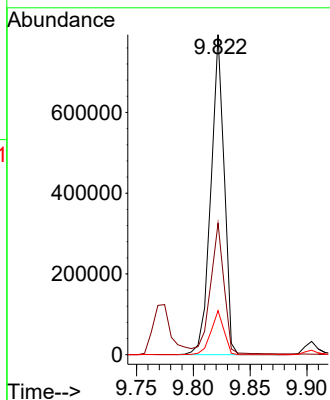
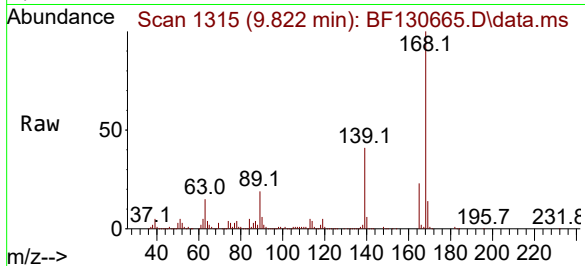




#55
Dibenzofuran
Concen: 45.352 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

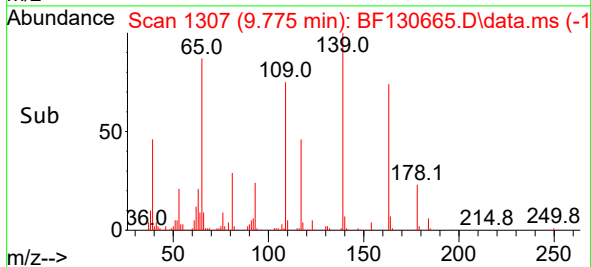
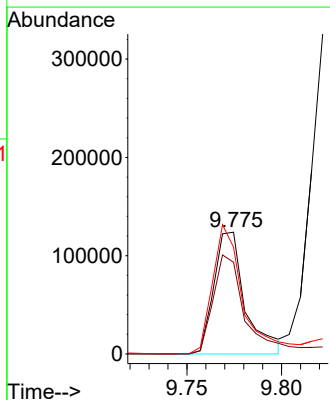
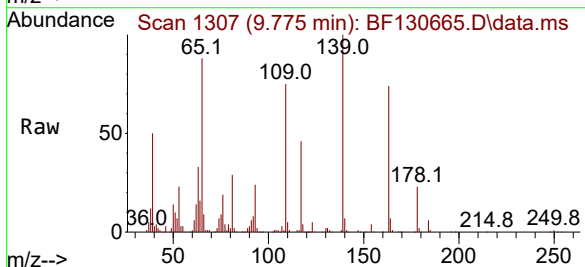
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

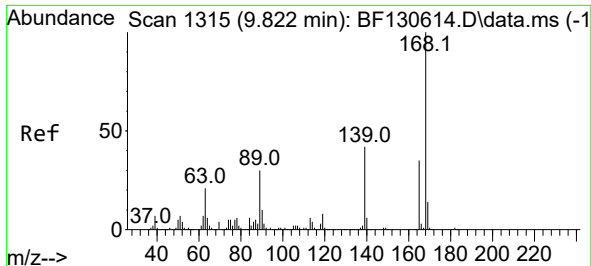
Tgt Ion:168 Resp: 644655
Ion Ratio Lower Upper
168 100
139 41.1 33.0 49.4
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 89.969 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.012 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:139 Resp: 143285
Ion Ratio Lower Upper
139 100
109 75.3 57.4 97.4
65 87.6 71.3 111.3

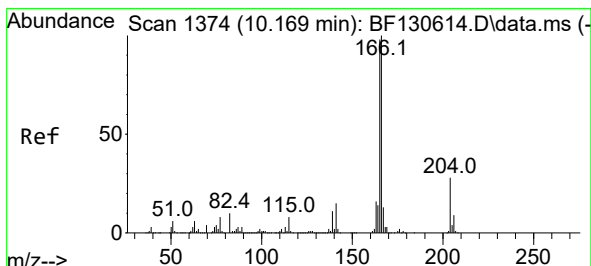
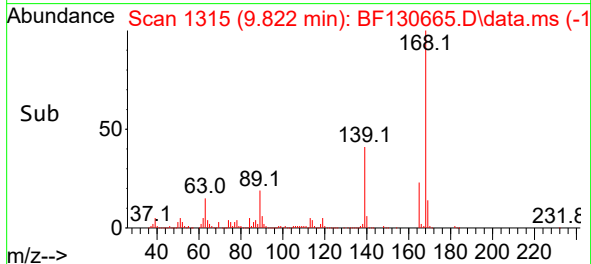
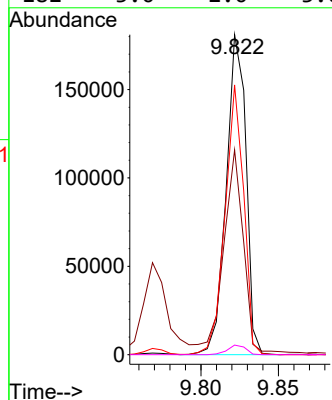
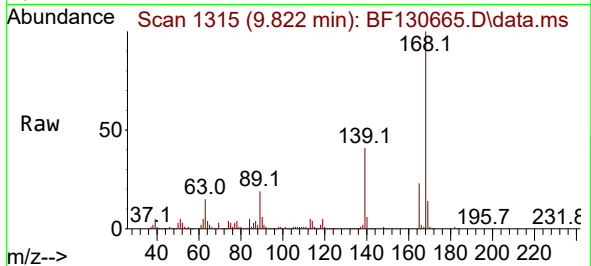




#57
2,4-Dinitrotoluene
Concen: 47.514 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

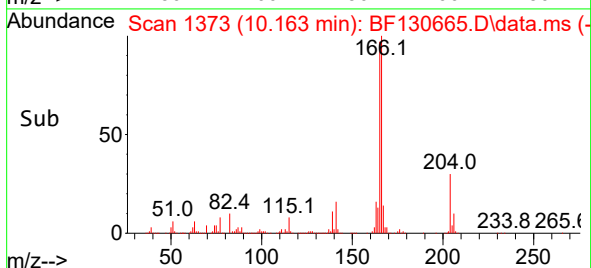
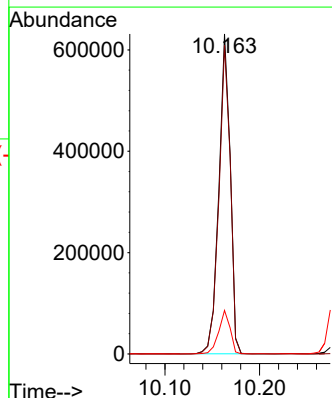
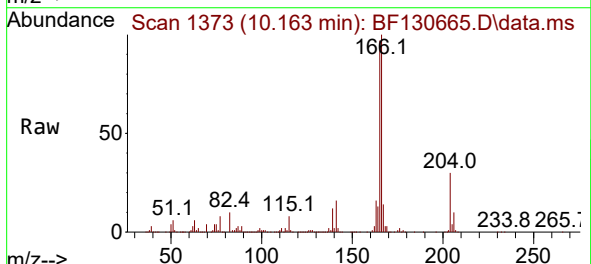
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

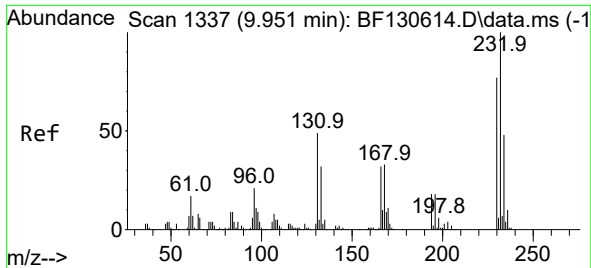
Tgt Ion:165 Resp: 160909
Ion Ratio Lower Upper
165 100
63 64.0 50.6 76.0
89 84.3 68.6 102.8
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 44.998 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:166 Resp: 525856
Ion Ratio Lower Upper
166 100
165 96.5 78.2 117.4
167 13.6 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.388 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

PB148312BSD

Tgt Ion:232 Resp: 123026

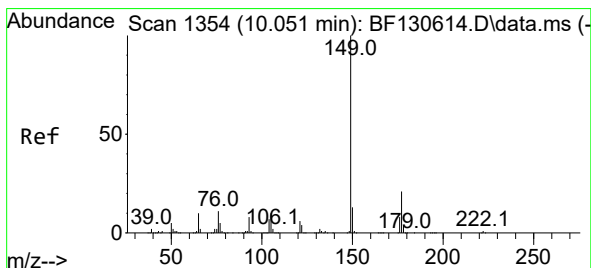
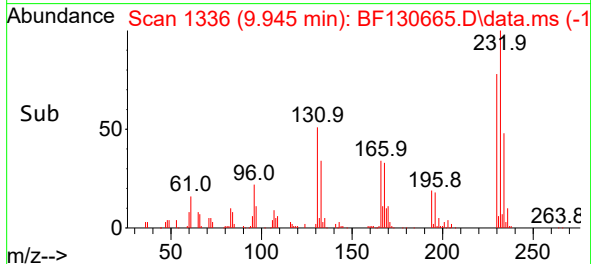
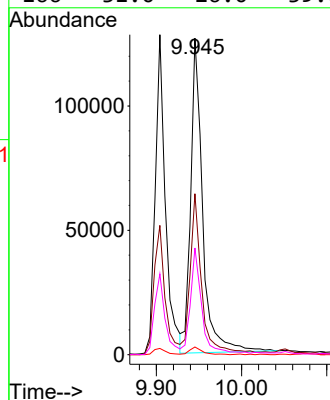
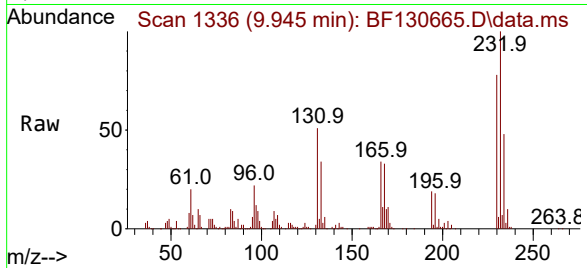
Ion Ratio Lower Upper

232 100

131 50.1 41.4 62.0

130 2.6 2.1 3.1

166 31.0 26.0 39.0



#60

Diethylphthalate

Concen: 43.683 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

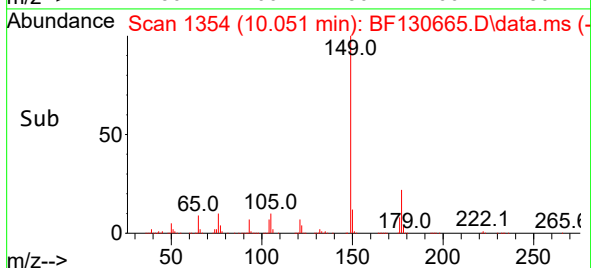
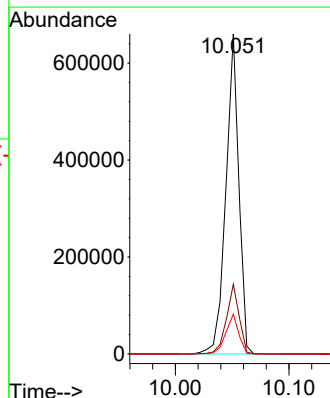
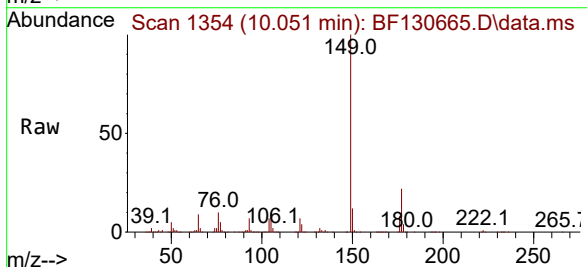
Tgt Ion:149 Resp: 523563

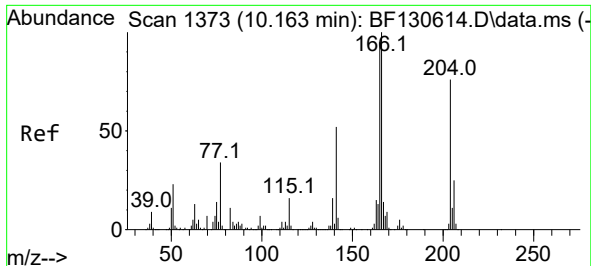
Ion Ratio Lower Upper

149 100

177 21.8 16.7 25.1

150 12.4 10.5 15.7

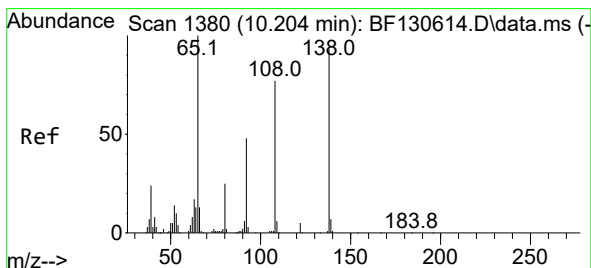
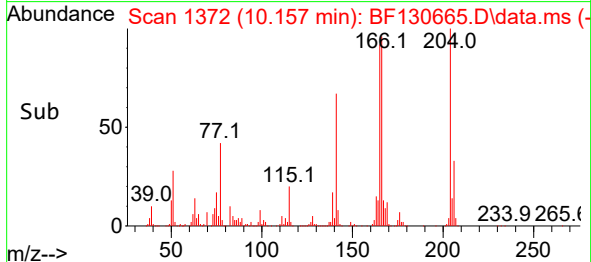
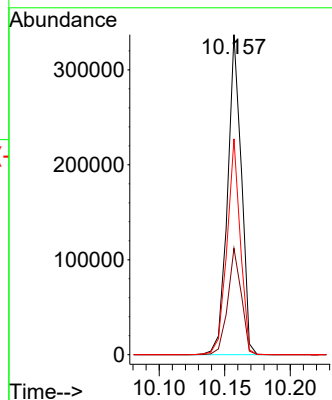
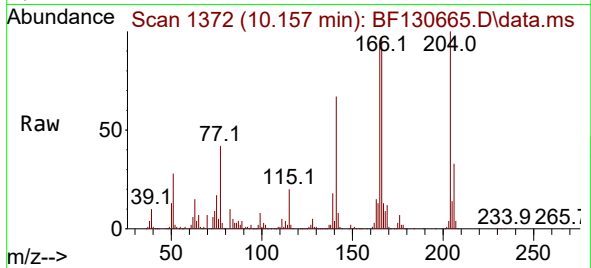




#61
4-Chlorophenyl-phenylether
Concen: 46.540 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

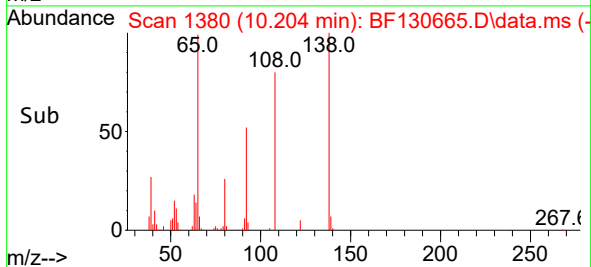
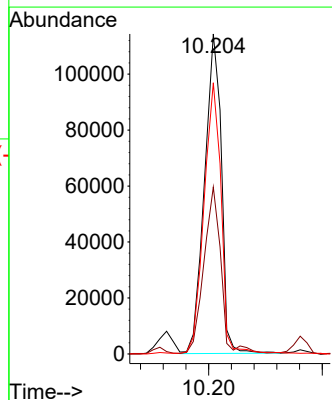
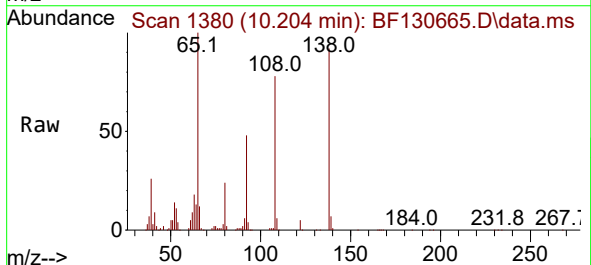
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

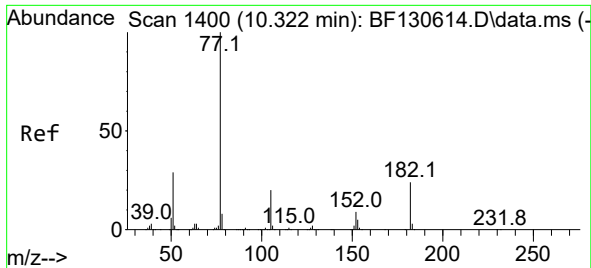
Tgt Ion:204 Resp: 245889
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 67.5 54.6 81.8



#62
4-Nitroaniline
Concen: 42.590 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:138 Resp: 117453
Ion Ratio Lower Upper
138 100
92 52.2 31.1 71.1
108 84.8 62.1 102.1

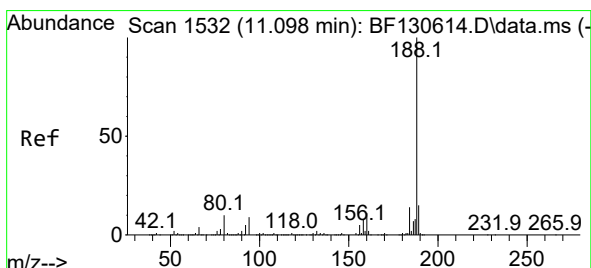
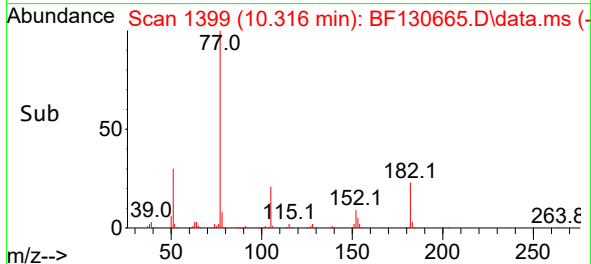
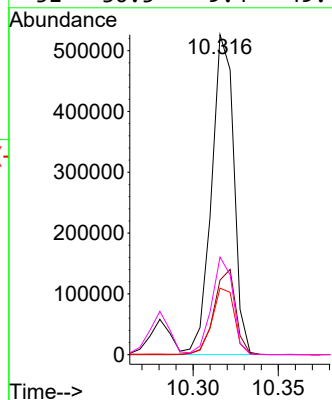
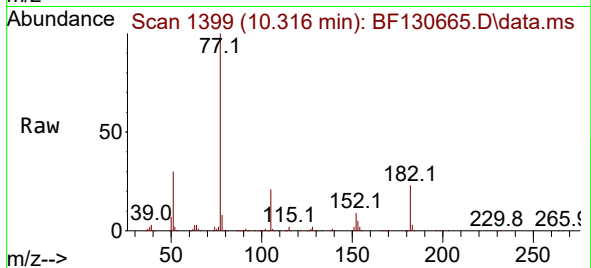




#63
Azobenzene
Concen: 42.244 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

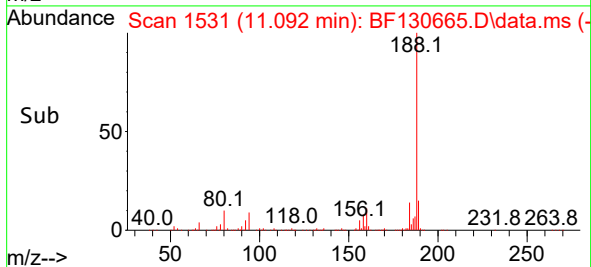
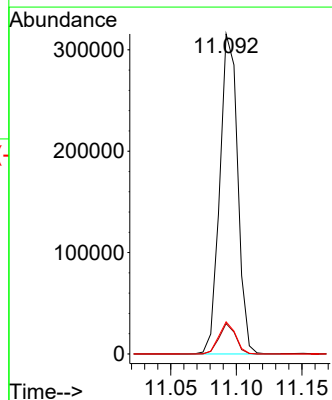
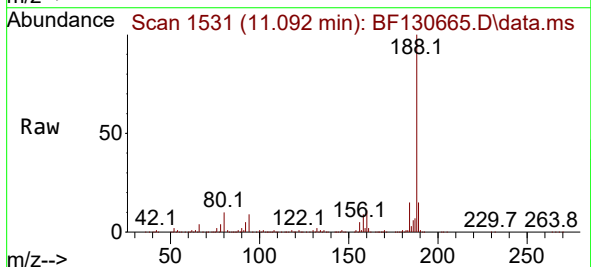
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

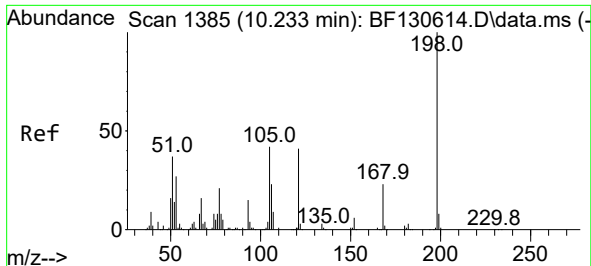
Tgt Ion: 77	Resp: 476876
Ion Ratio	Lower Upper
77 100	
182 23.3	3.8 43.8
105 20.8	0.3 40.3
51 30.5	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion: 188	Resp: 299159
Ion Ratio	Lower Upper
188 100	
94 9.5	7.4 11.2
80 10.1	8.0 12.0

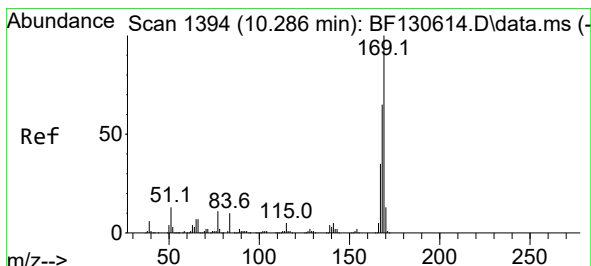
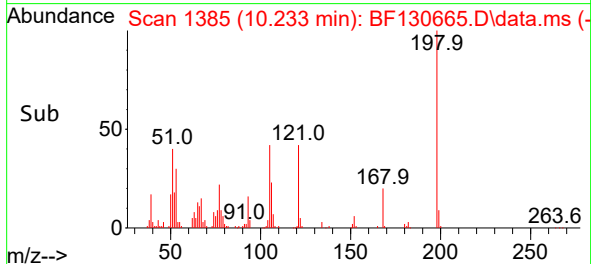
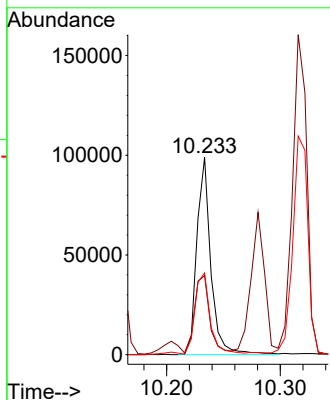
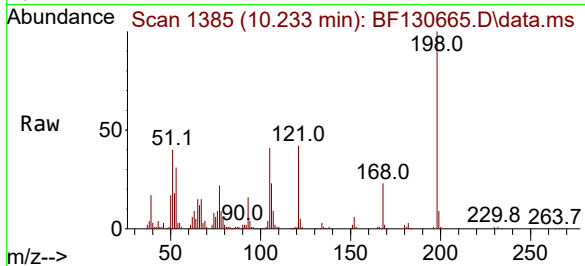




#65
4,6-Dinitro-2-methylphenol
Concen: 45.572 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

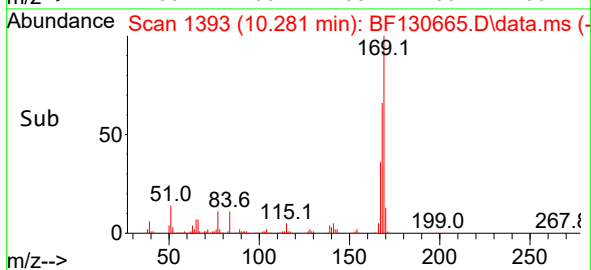
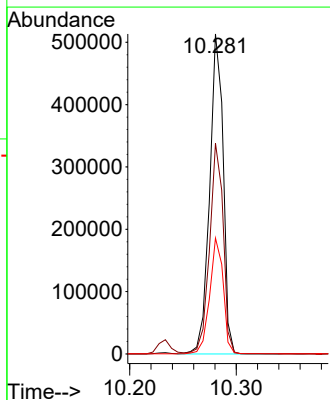
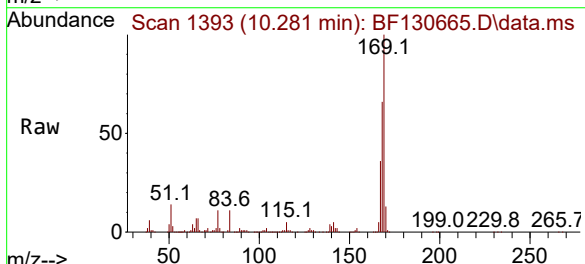
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

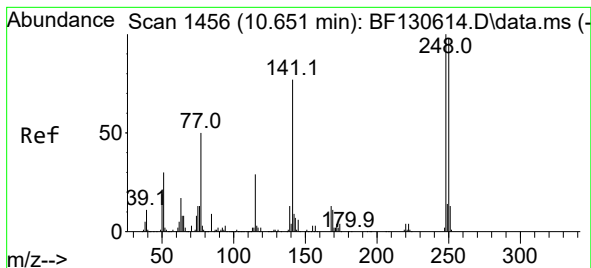
Tgt Ion:198 Resp: 85198
Ion Ratio Lower Upper
198 100
51 40.1 18.7 58.7
105 41.5 22.0 62.0



#66
n-Nitrosodiphenylamine
Concen: 45.685 ng
RT: 10.281 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:169 Resp: 454618
Ion Ratio Lower Upper
169 100
168 65.9 52.2 78.4
167 36.2 28.3 42.5

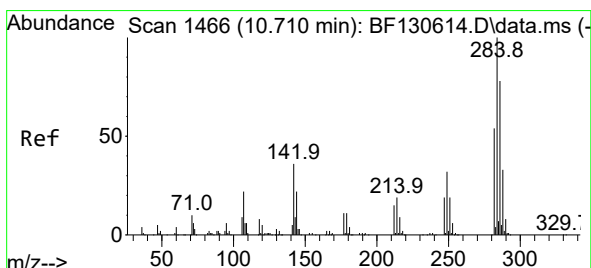
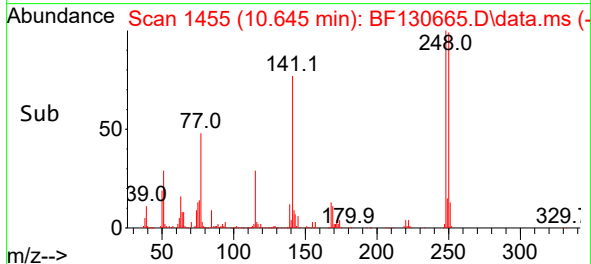
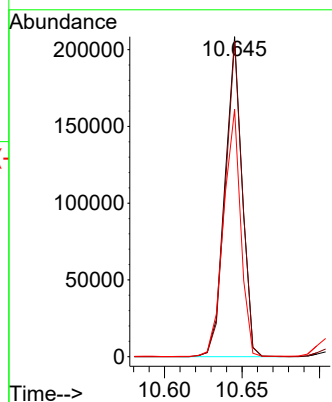
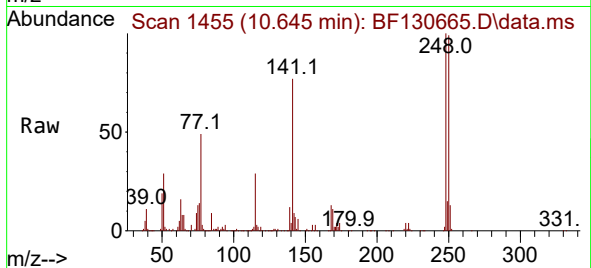




#67
4-Bromophenyl-phenylether
Concen: 47.364 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

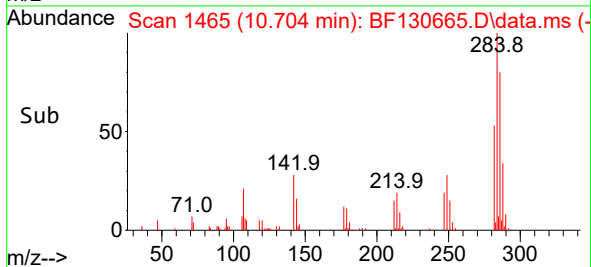
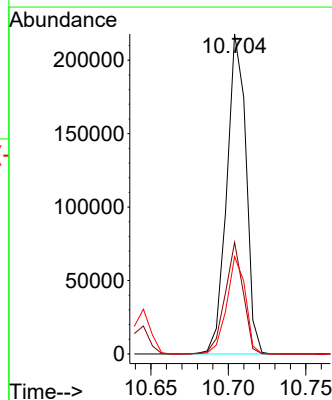
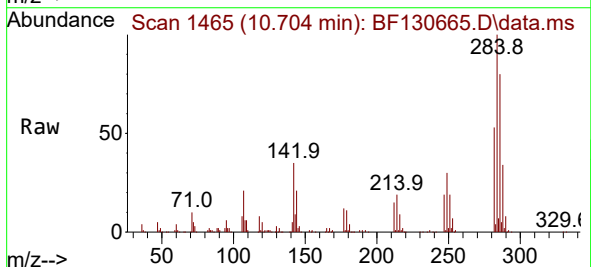
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

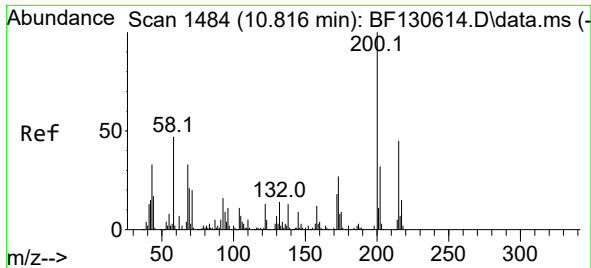
Tgt Ion:248 Resp: 160323
Ion Ratio Lower Upper
248 100
250 98.6 78.7 118.1
141 77.3 61.6 92.4



#68
Hexachlorobenzene
Concen: 49.141 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:284 Resp: 188035
Ion Ratio Lower Upper
284 100
142 34.9 28.6 42.8
249 30.4 25.2 37.8

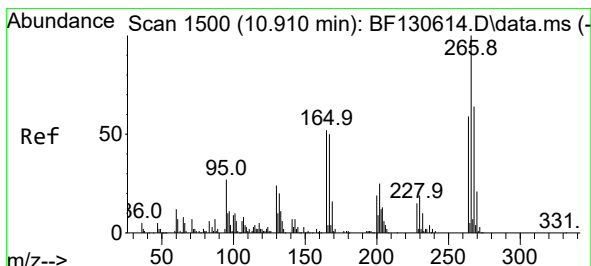
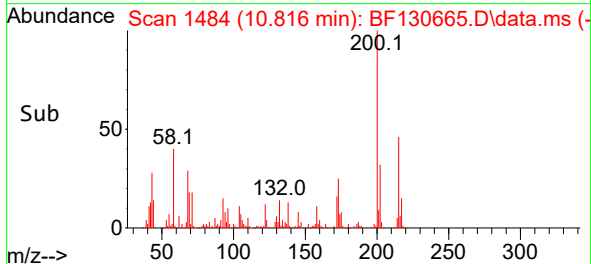
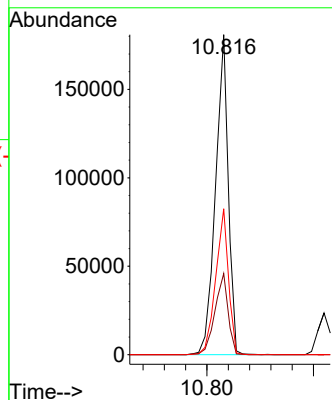
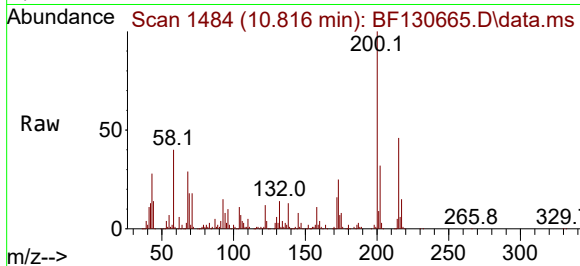




#69
 Atrazine
 Concen: 55.237 ng
 RT: 10.816 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

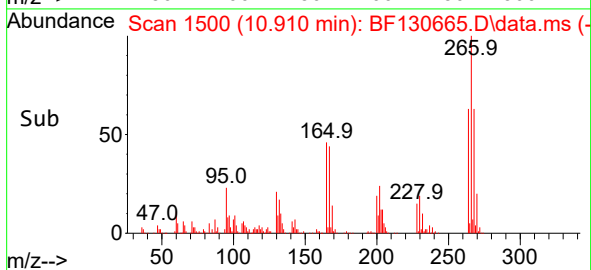
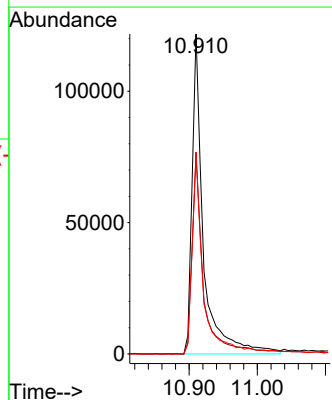
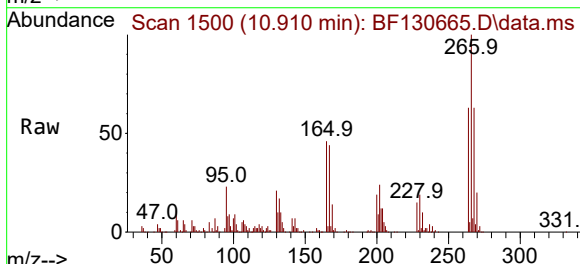
Instrument :
 BNA_F
 ClientSampleId :
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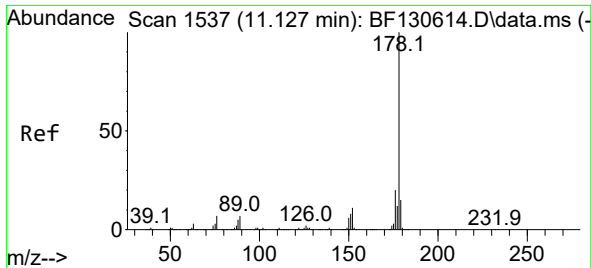
Tgt Ion:200 Resp: 149679
 Ion Ratio Lower Upper
 200 100
 173 25.4 7.1 47.1
 215 45.6 24.9 64.9



#70
 Pentachlorophenol
 Concen: 94.250 ng
 RT: 10.910 min Scan# 1500
 Delta R.T. -0.000 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

Tgt Ion:266 Resp: 140362
 Ion Ratio Lower Upper
 266 100
 268 62.6 50.8 76.2
 264 63.1 47.5 71.3

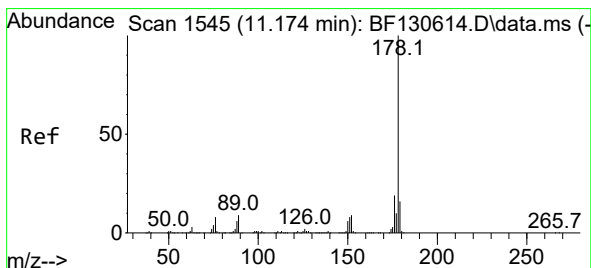
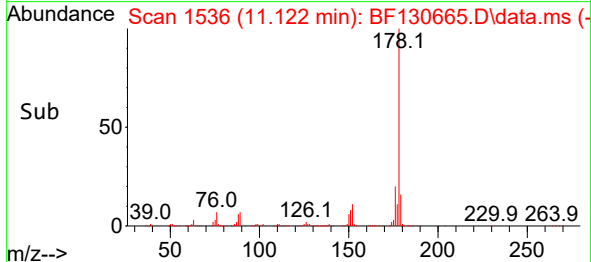
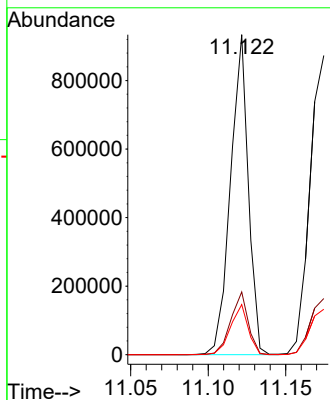
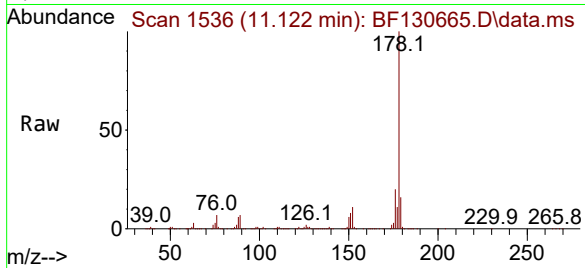




#71
Phenanthrene
Concen: 45.056 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

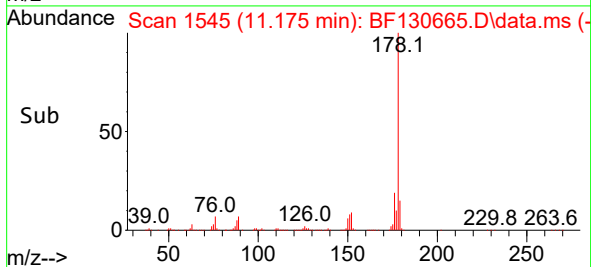
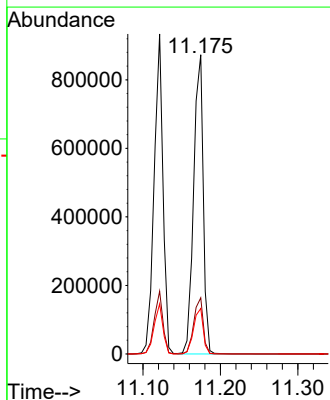
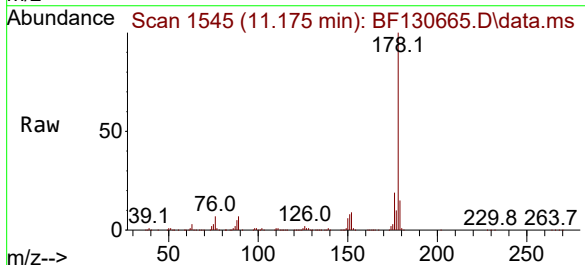
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

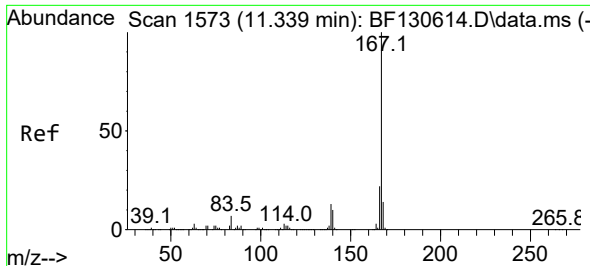
Tgt Ion:178 Resp: 746772
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.7 12.2 18.4



#72
Anthracene
Concen: 46.524 ng
RT: 11.175 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:178 Resp: 753091
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.2 12.5 18.7

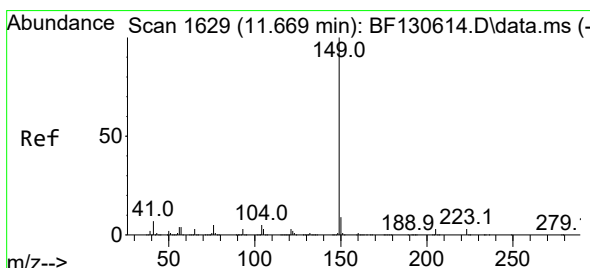
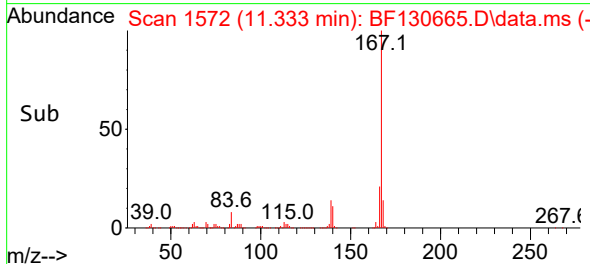
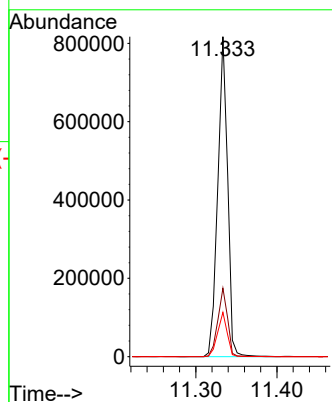
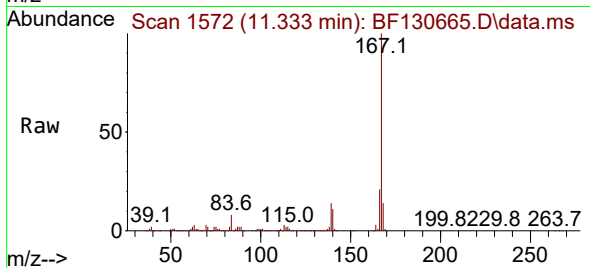




#73
Carbazole
Concen: 47.567 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

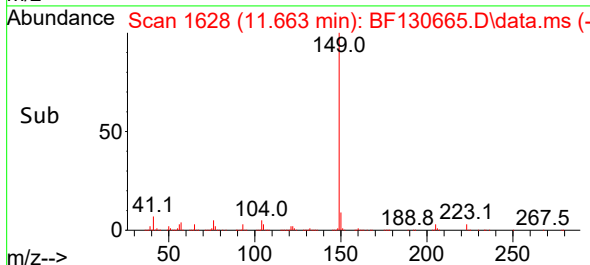
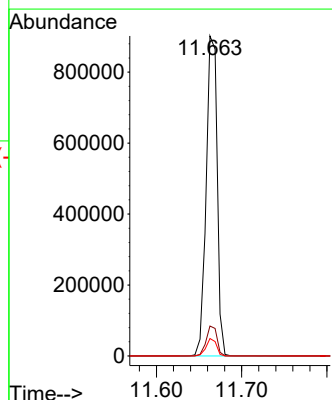
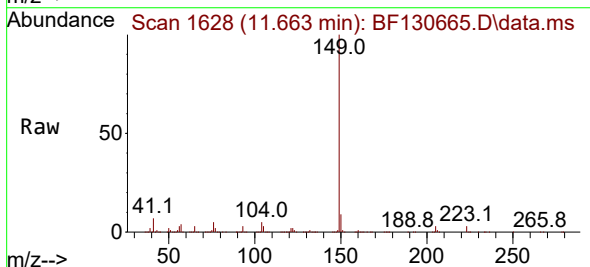
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

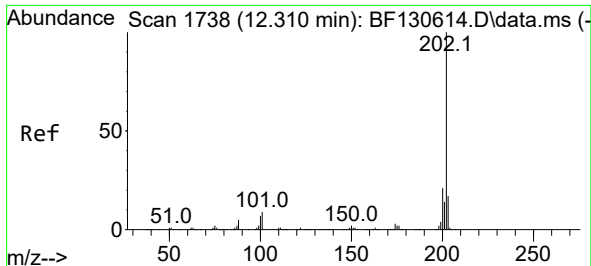
Tgt Ion:167 Resp: 687065
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 13.8 10.7 16.1



#74
Di-n-butylphthalate
Concen: 46.164 ng
RT: 11.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:149 Resp: 807726
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.4 4.2 6.2

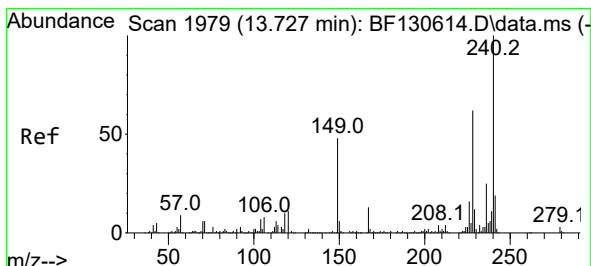
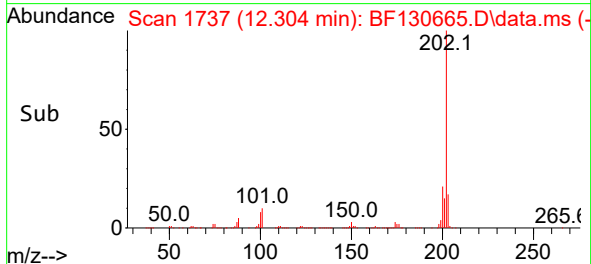
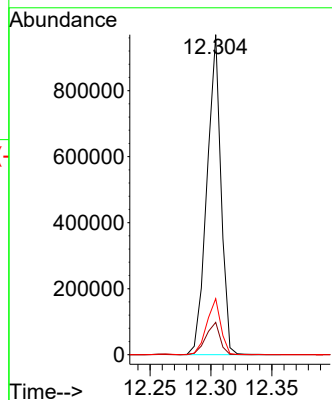
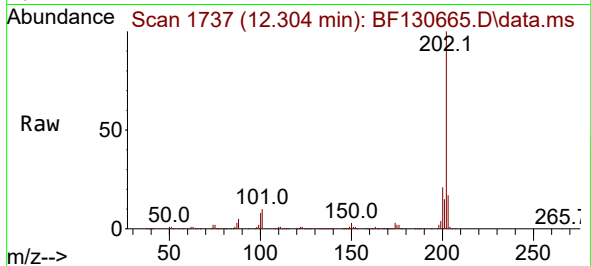




#75
Fluoranthene
Concen: 48.644 ng
RT: 12.304 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

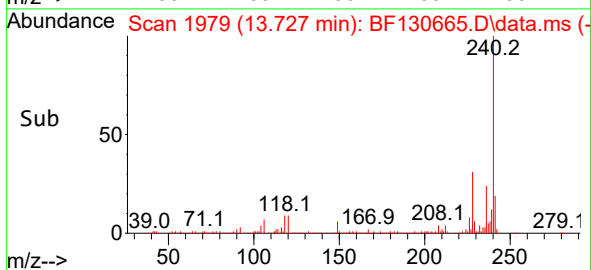
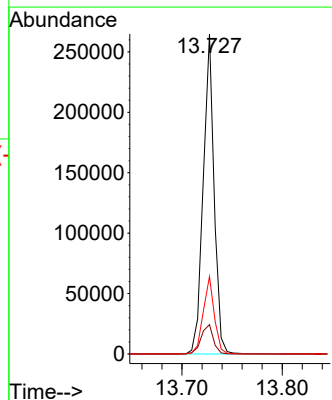
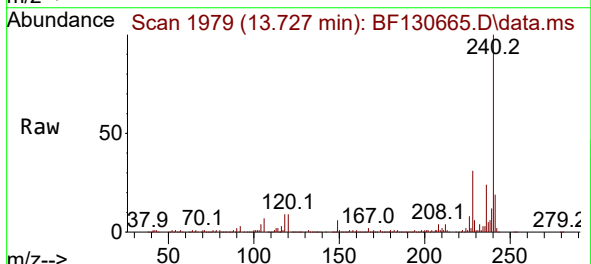
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

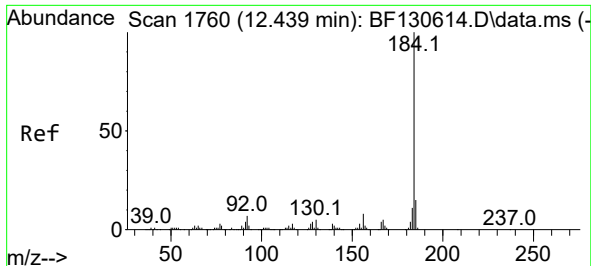
Tgt Ion:202 Resp: 774885
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.1
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:240 Resp: 200840
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 24.2 20.2 30.4

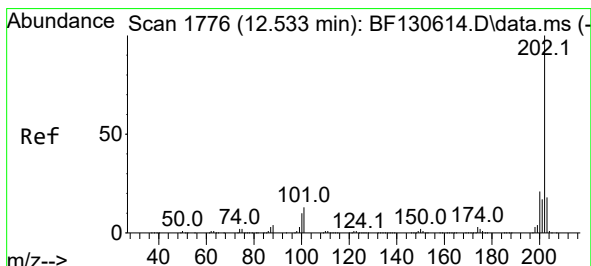
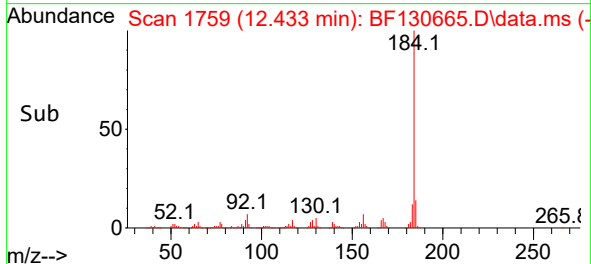
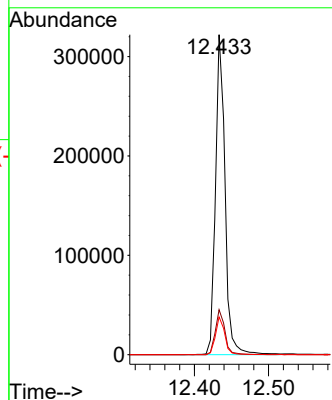
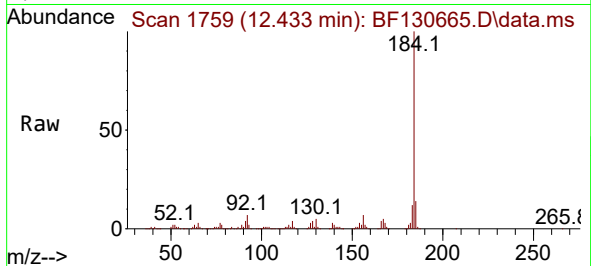




#77
Benzidine
Concen: 56.506 ng
RT: 12.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

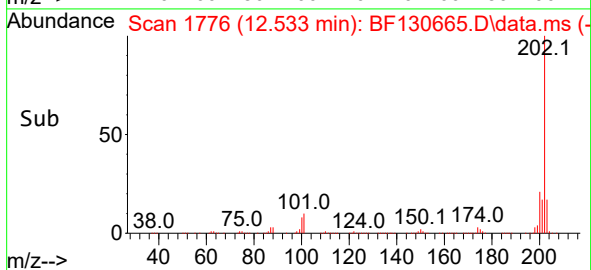
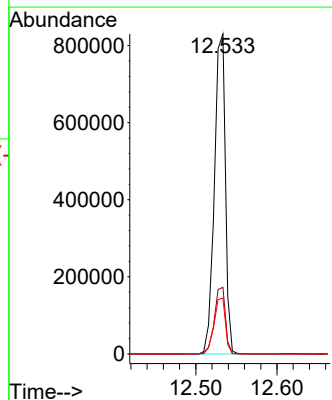
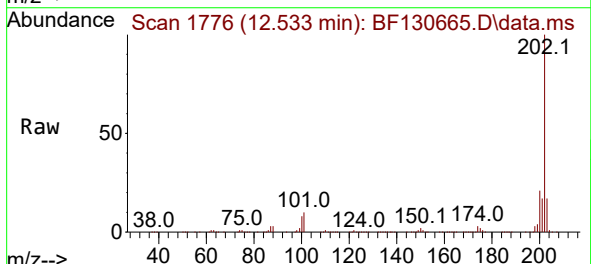
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

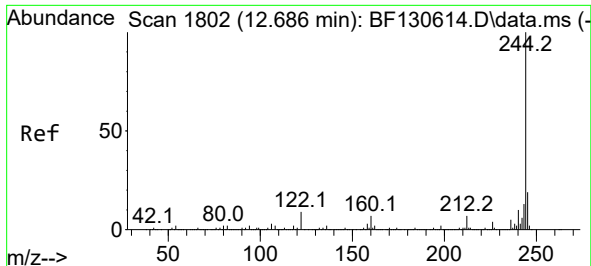
Tgt Ion:184 Resp: 286853
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 11.8 9.0 13.4



#78
Pyrene
Concen: 44.992 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:202 Resp: 779566
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.5 14.0 21.0

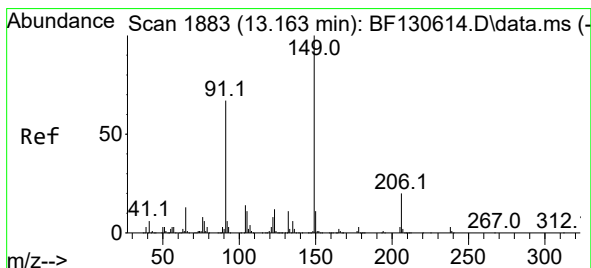
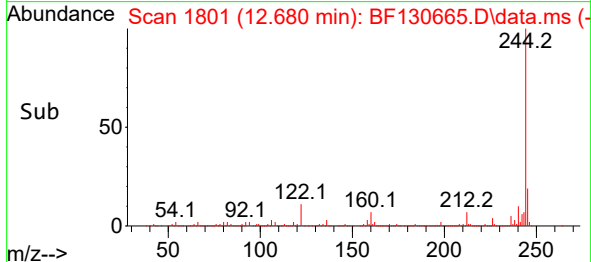
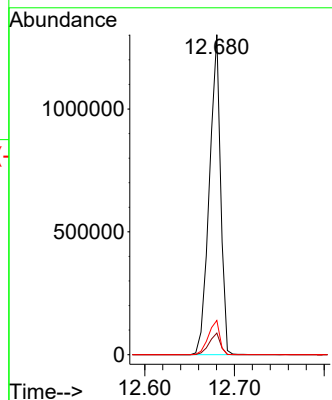
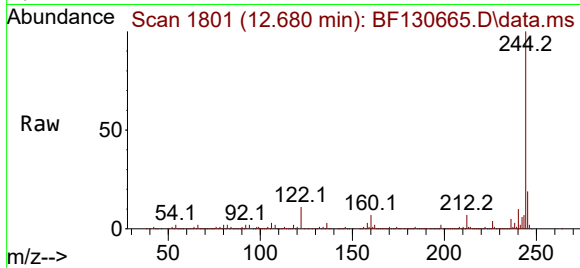




#79
 Terphenyl-d14
 Concen: 93.318 ng
 RT: 12.680 min Scan# 1801
 Delta R.T. -0.006 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

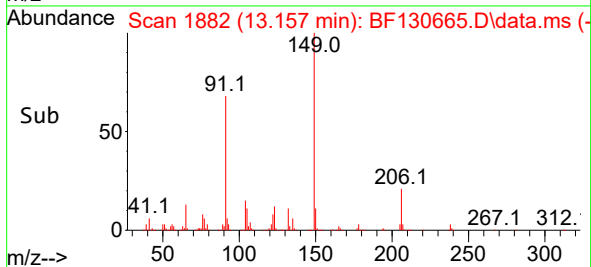
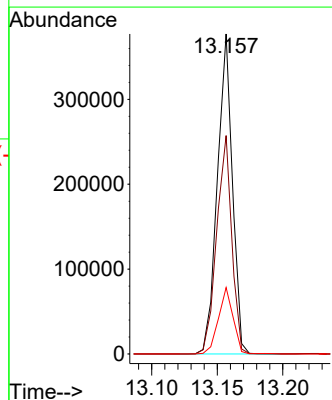
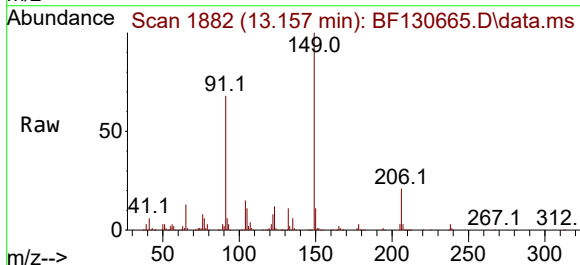
Instrument :
 BNA_F
 ClientSampleId :
 PB148312BSD

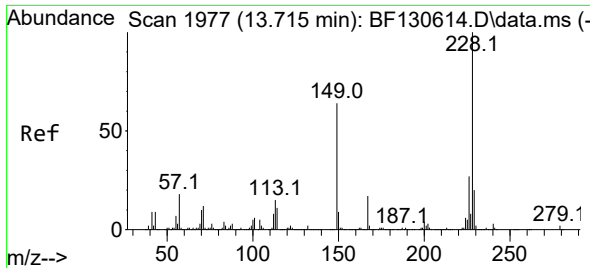
Tgt Ion:244 Resp: 1129223
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.7 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 45.041 ng
 RT: 13.157 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: BF130665.D
 Acq: 14 Oct 2022 13:39

Tgt Ion:149 Resp: 300086
 Ion Ratio Lower Upper
 149 100
 91 68.3 53.8 80.8
 206 20.8 15.8 23.6

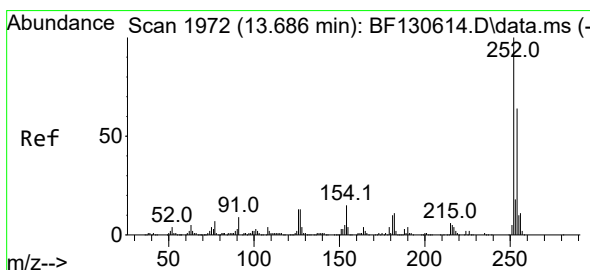
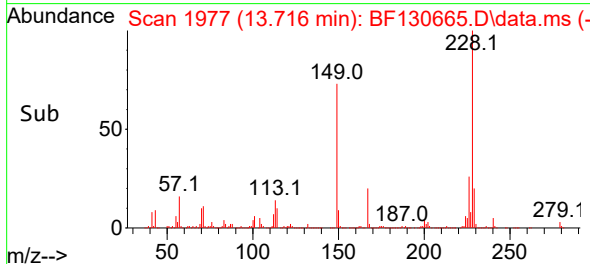
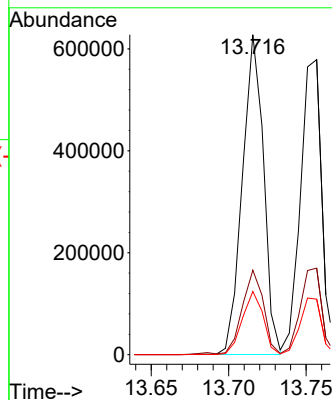
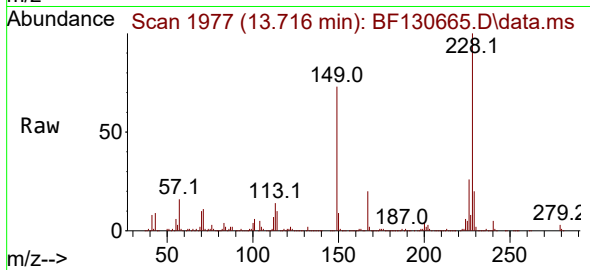




#81
Benzo(a)anthracene
Concen: 44.035 ng
RT: 13.716 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

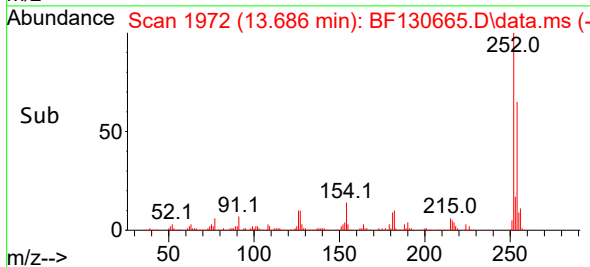
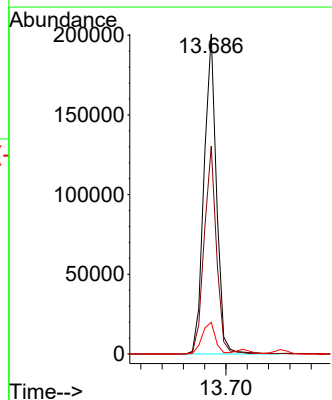
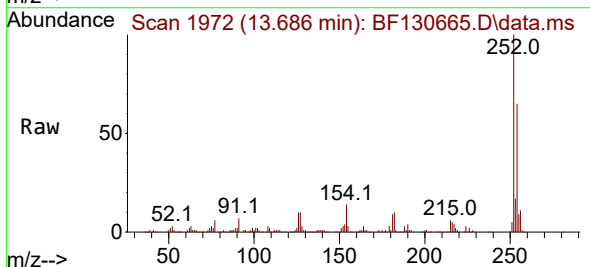
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

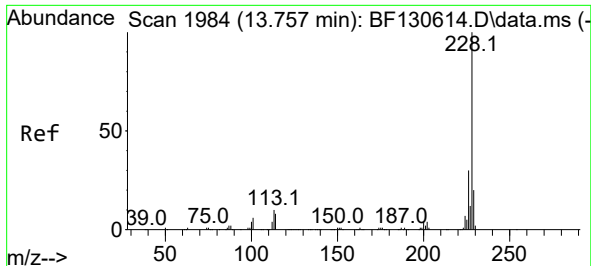
Tgt Ion:228 Resp: 595919
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.2
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.902 ng
RT: 13.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:252 Resp: 163863
Ion Ratio Lower Upper
252 100
254 64.9 50.9 76.3
126 9.9 10.2 15.4#

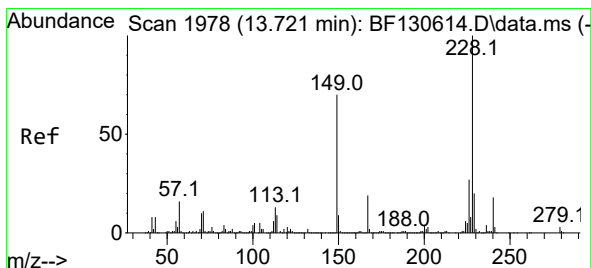
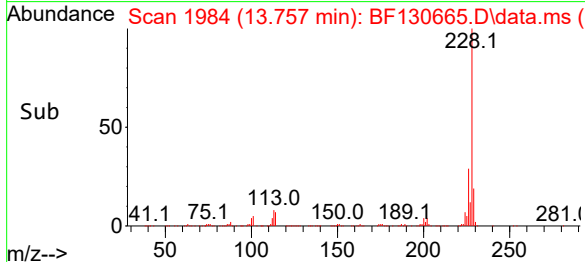
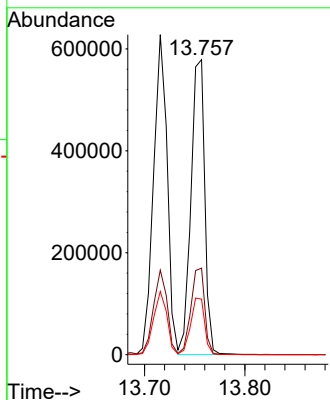
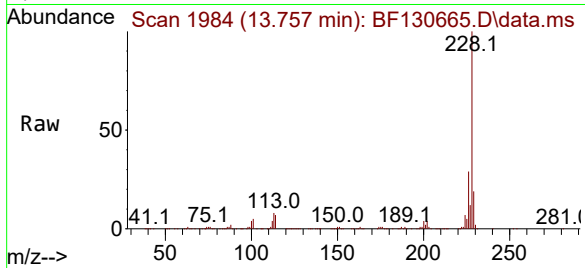




#83
Chrysene
Concen: 42.983 ng
RT: 13.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

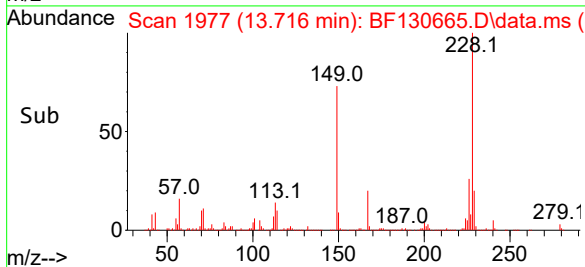
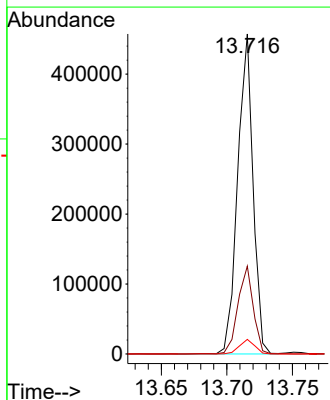
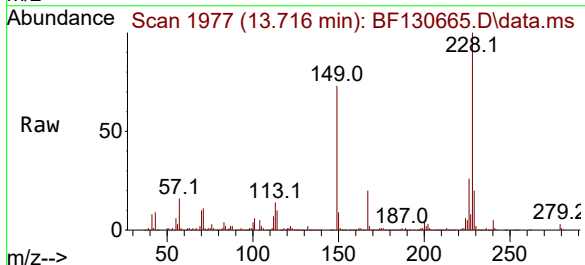
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

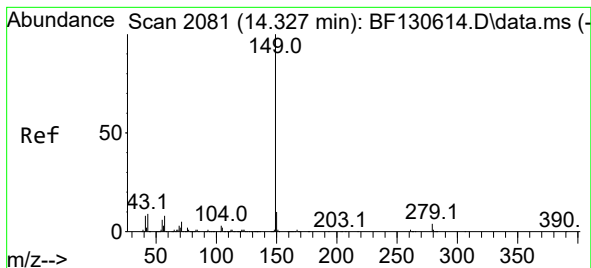
Tgt Ion:228 Resp: 551511
Ion Ratio Lower Upper
228 100
226 29.3 23.9 35.9
229 18.8 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.276 ng
RT: 13.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:149 Resp: 373779
Ion Ratio Lower Upper
149 100
167 27.4 21.9 32.9
279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 40.006 ng

RT: 14.327 min Scan# 2081

Delta R.T. 0.000 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

PB148312BSD

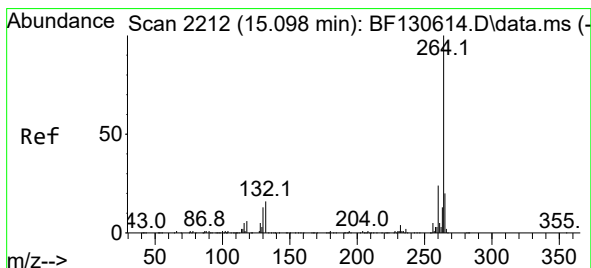
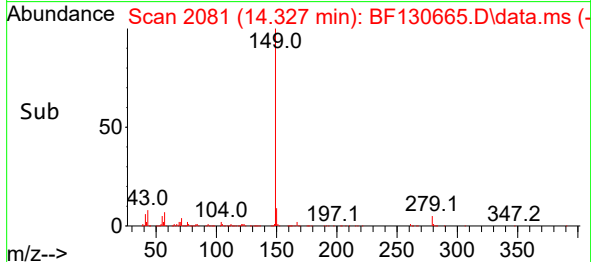
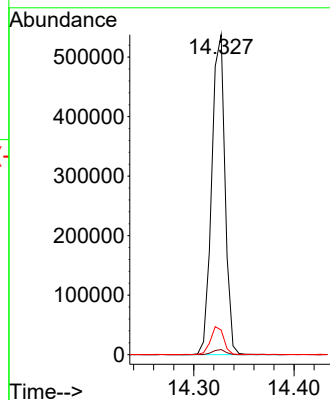
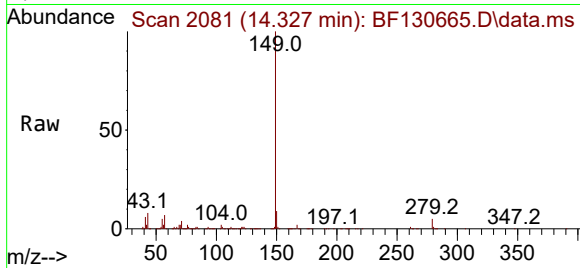
Tgt Ion:149 Resp: 494885

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

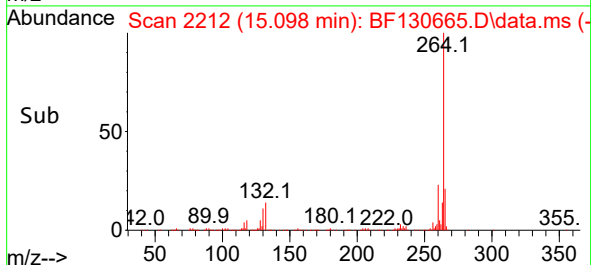
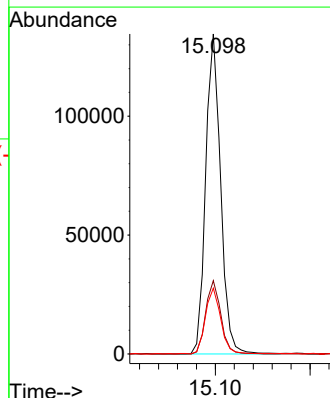
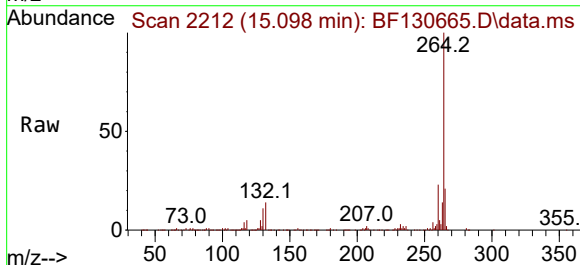
Tgt Ion:264 Resp: 147191

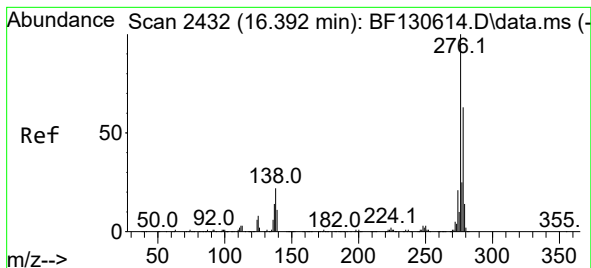
Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 20.6 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.238 ng

RT: 16.392 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

Instrument :

BNA_F

ClientSampleId :

PB148312BSD

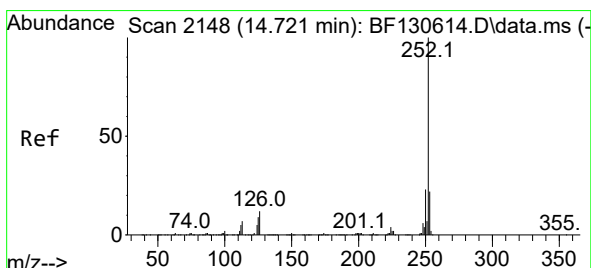
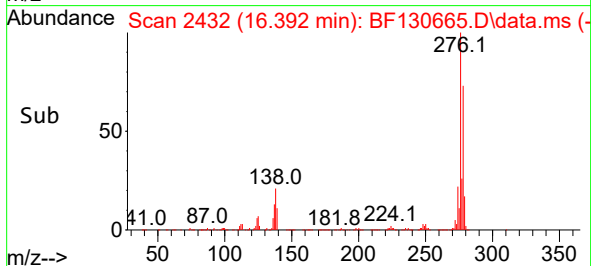
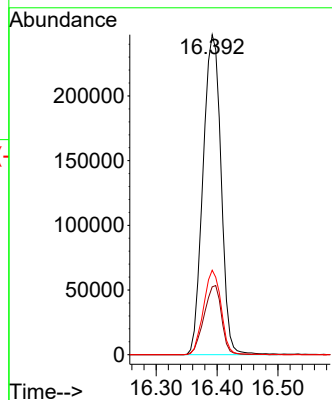
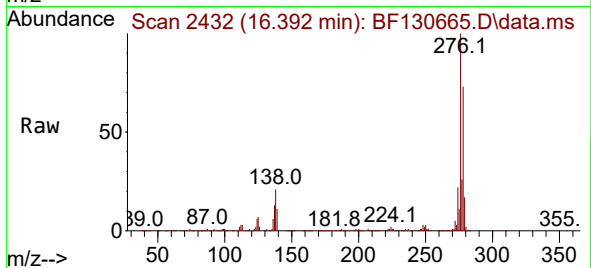
Tgt Ion:276 Resp: 509396

Ion Ratio Lower Upper

276 100

138 21.0 18.0 27.0

277 25.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 50.962 ng

RT: 14.721 min Scan# 2148

Delta R.T. 0.000 min

Lab File: BF130665.D

Acq: 14 Oct 2022 13:39

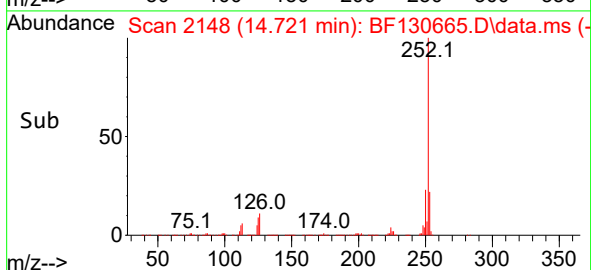
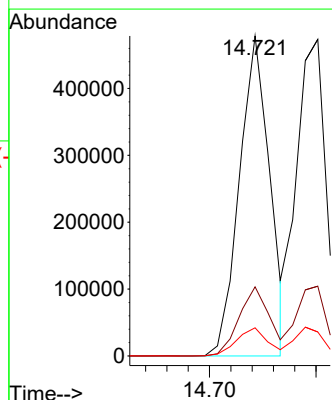
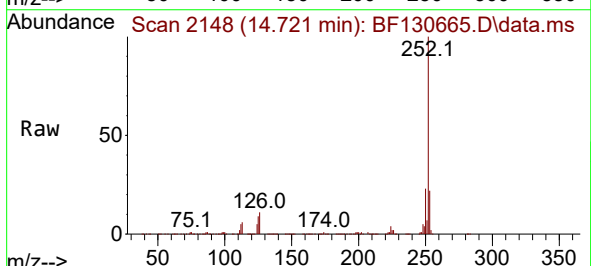
Tgt Ion:252 Resp: 474988

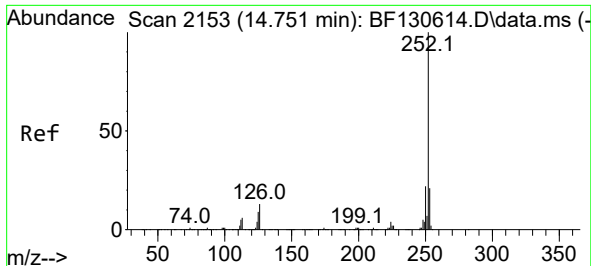
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.8 7.4 11.0

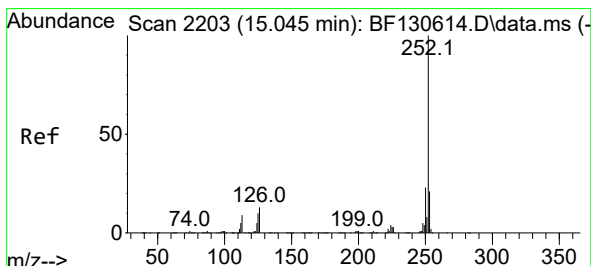
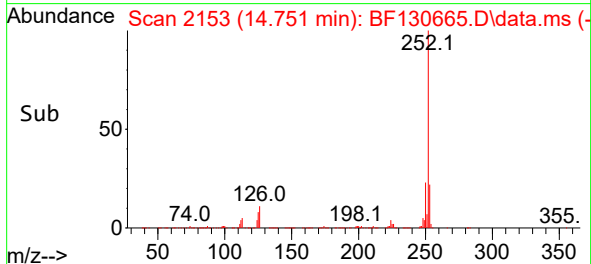
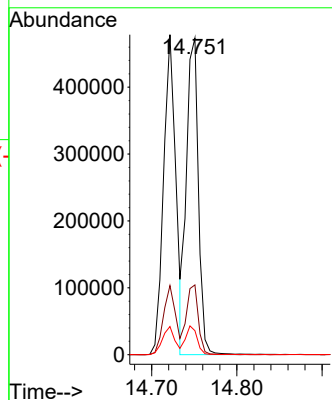
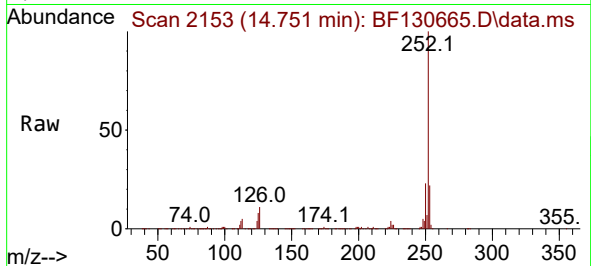




#89
Benzo(k)fluoranthene
Concen: 48.599 ng
RT: 14.751 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

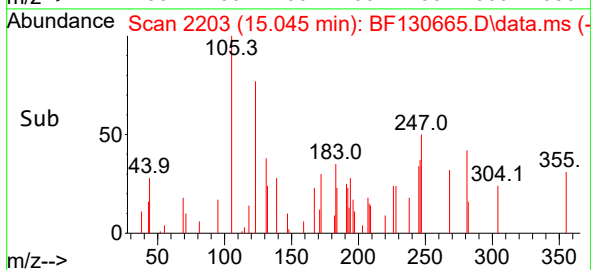
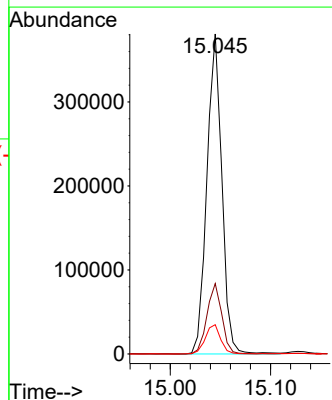
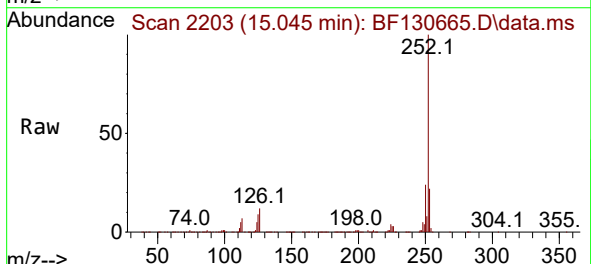
Instrument :
BNA_F
ClientSampleId :
PB148312BSD

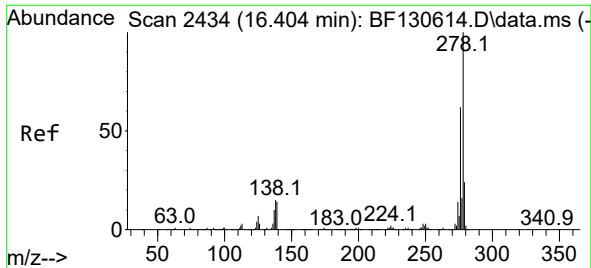
Tgt Ion:252 Resp: 461217
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 7.6 7.2 10.8



#90
Benzo(a)pyrene
Concen: 51.149 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:252 Resp: 396772
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.2 8.4 12.6

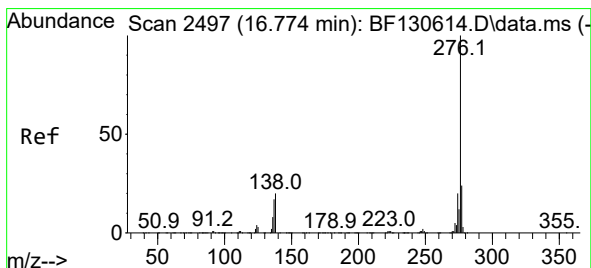
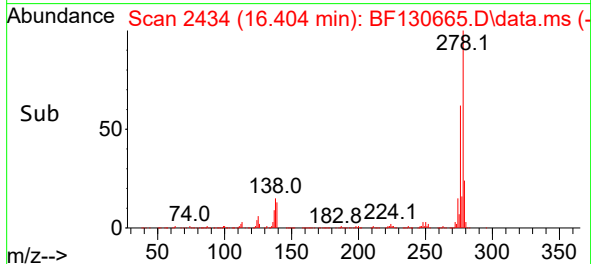
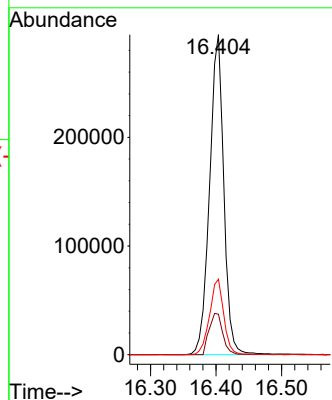
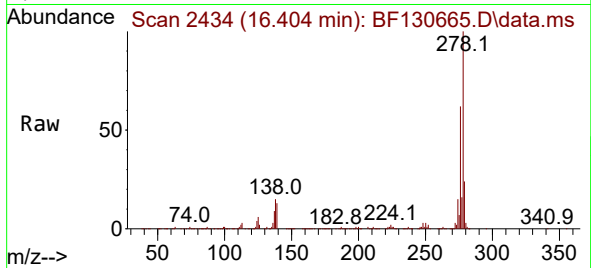




#91
Dibenzo(a,h)anthracene
Concen: 49.203 ng
RT: 16.404 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Instrument :
BNA_F
ClientSampleId :
PB148312BSD

Tgt Ion:278 Resp: 444318
Ion Ratio Lower Upper
278 100
139 12.7 11.1 16.7
279 23.6 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 53.530 ng
RT: 16.780 min Scan# 2498
Delta R.T. 0.006 min
Lab File: BF130665.D
Acq: 14 Oct 2022 13:39

Tgt Ion:276 Resp: 450230
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 17.4 15.9 23.9

