

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131771.D
 Acq On : 22 Dec 2022 11:36
 Operator : CG\JU
 Sample : PB149828BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149828BS

Quant Time: Dec 23 03:11:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	86734	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	341351	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	200119	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	377293	20.000	ng	0.00
76) Chrysene-d12	14.051	240	242257	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	180242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	687854	133.543	ng	0.02
7) Phenol-d6	6.492	99	901414	130.021	ng	0.00
23) Nitrobenzene-d5	7.428	82	617851	73.480	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	252551	115.300	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1043738	73.061	ng	0.00
79) Terphenyl-d14	12.992	244	1231196	79.207	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	91125	37.858	ng	98
3) Pyridine	3.422	79	236561	34.467	ng	98
4) n-Nitrosodimethylamine	3.393	42	134467	43.303	ng	99
6) Aniline	6.516	93	295312	34.503	ng	92
8) 2-Chlorophenol	6.639	128	244146	44.131	ng	98
9) Benzaldehyde	6.404	77	7671	Below Cal		98
10) Phenol	6.504	94	354472	42.824	ng	96
11) bis(2-Chloroethyl)ether	6.592	93	268631	45.351	ng	100
12) 1,3-Dichlorobenzene	6.792	146	262262	41.937	ng	98
13) 1,4-Dichlorobenzene	6.875	146	265134	41.476	ng	99
14) 1,2-Dichlorobenzene	7.022	146	257086	42.954	ng	98
15) Benzyl Alcohol	7.004	79	265532	42.881	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.133	45	331033	43.829	ng	99
17) 2-Methylphenol	7.116	107	220042	42.132	ng	98
18) Hexachloroethane	7.369	117	107269	42.332	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	207713	41.542	ng	96
20) 3+4-Methylphenols	7.269	107	278107	41.374	ng	99
22) Acetophenone	7.275	105	399275	40.082	ng	# 96
24) Nitrobenzene	7.445	77	333195	38.979	ng	96
25) Isophorone	7.686	82	574639	40.242	ng	98
26) 2-Nitrophenol	7.763	139	129345	38.717	ng	99
27) 2,4-Dimethylphenol	7.798	122	218633	45.949	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	321357	42.379	ng	99
29) 2,4-Dichlorophenol	8.004	162	220311	38.354	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	259493	38.427	ng	98
31) Naphthalene	8.169	128	699758	37.536	ng	100
32) Benzoic acid	7.939	122	151674	39.822	ng	97
33) 4-Chloroaniline	8.222	127	167179	22.995	ng	98
34) Hexachlorobutadiene	8.280	225	168506	37.089	ng	99
35) Caprolactam	8.604	113	33931	19.590	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	255513	38.940	ng	97
37) 2-Methylnaphthalene	8.863	142	470940	37.034	ng	99
38) 1-Methylnaphthalene	8.963	142	443890	36.041	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	270145	39.456	ng	99
41) Hexachlorocyclopentadiene	9.010	237	294190	94.841	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	167101	37.362	ng	97

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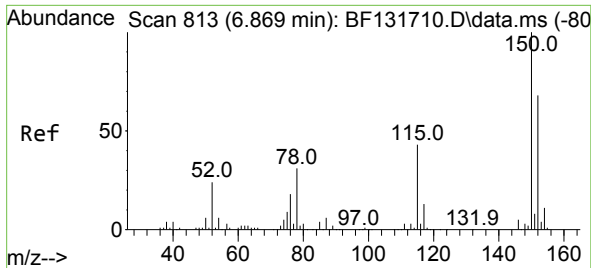
Quant Time: Dec 23 03:11:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	181771	37.542	ng	98
46) 1,1'-Biphenyl	9.333	154	591523	39.297	ng	99
47) 2-Chloronaphthalene	9.357	162	473457	38.411	ng	100
48) 2-Nitroaniline	9.457	65	170050	38.277	ng	93
49) Acenaphthylene	9.775	152	706143	38.195	ng	99
50) Dimethylphthalate	9.633	163	558236	37.073	ng	99
51) 2,6-Dinitrotoluene	9.698	165	121360	37.482	ng	91
52) Acenaphthene	9.945	154	420164	37.099	ng	99
53) 3-Nitroaniline	9.869	138	86945	26.244	ng	98
54) 2,4-Dinitrophenol	9.980	184	143747	74.094	ng	98
55) Dibenzofuran	10.116	168	647036	37.258	ng	99
56) 4-Nitrophenol	10.039	139	178387	75.231	ng	97
57) 2,4-Dinitrotoluene	10.104	165	167453	38.488	ng	92
58) Fluorene	10.463	166	513866	36.598	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.192	232	146098	36.144	ng	95
60) Diethylphthalate	10.339	149	529215	36.474	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	279436	37.444	ng	98
62) 4-Nitroaniline	10.492	138	117854	35.346	ng	94
63) Azobenzene	10.616	77	591110	37.099	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	95106	36.716	ng	83
66) n-Nitrosodiphenylamine	10.574	169	439043	37.524	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	169226	37.976	ng	96
68) Hexachlorobenzene	11.004	284	182963	37.333	ng	98
69) Atrazine	11.104	200	139612	35.796	ng	98
70) Pentachlorophenol	11.204	266	202138	77.711	ng	98
71) Phenanthrene	11.427	178	758576	36.872	ng	99
72) Anthracene	11.480	178	766680	38.060	ng	99
73) Carbazole	11.639	167	671643	38.538	ng	100
74) Di-n-butylphthalate	11.963	149	792409	36.515	ng	100
75) Fluoranthene	12.621	202	848973	37.053	ng	98
77) Benzidine	12.739	184	207150	46.632	ng	99
78) Pyrene	12.851	202	853341	38.743	ng	99
80) Butylbenzylphthalate	13.468	149	295012	37.976	ng	98
81) Benzo(a)anthracene	14.039	228	641517	36.768	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	178974	36.741	ng	99
83) Chrysene	14.080	228	596624	36.230	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	356492	38.485	ng	99
85) Di-n-octyl phthalate	14.639	149	475599	36.781	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	520414	42.986	ng	99
88) Benzo(b)fluoranthene	15.098	252	523560	41.057	ng	99
89) Benzo(k)fluoranthene	15.133	252	495400	39.813	ng	100
90) Benzo(a)pyrene	15.474	252	439482	43.509	ng	98
91) Dibenzo(a,h)anthracene	17.056	278	449961	44.974	ng	99
92) Benzo(g,h,i)perylene	17.498	276	444212	44.921	ng	98

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

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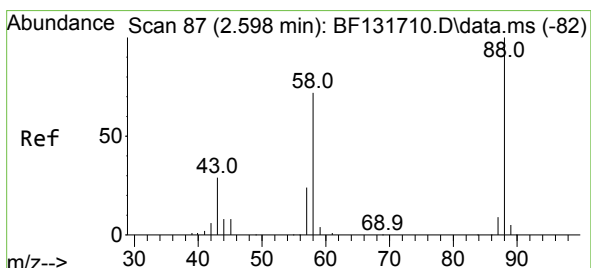
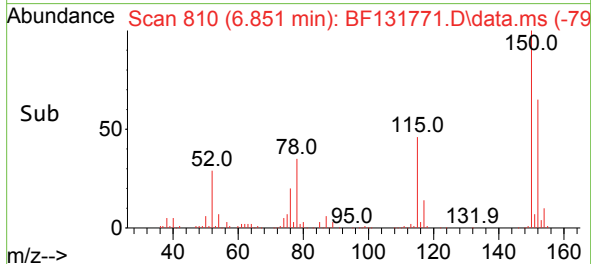
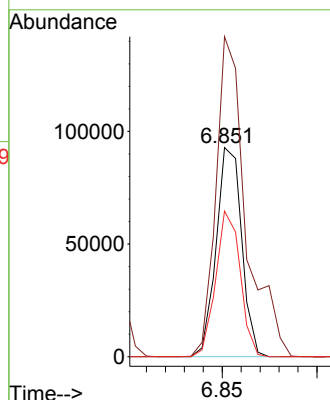
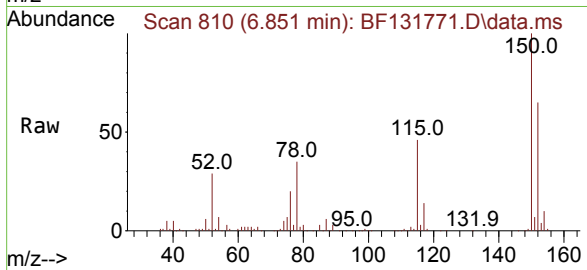




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

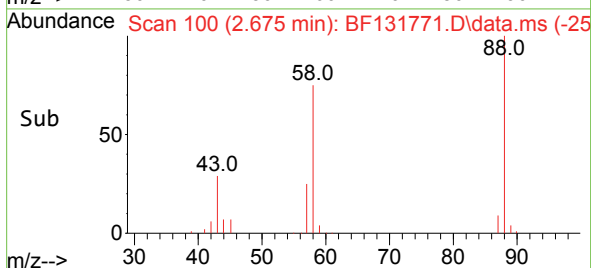
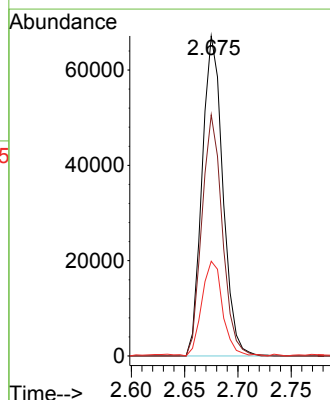
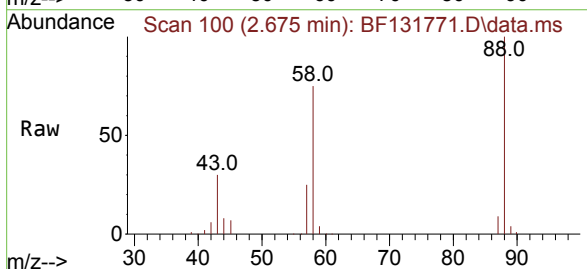
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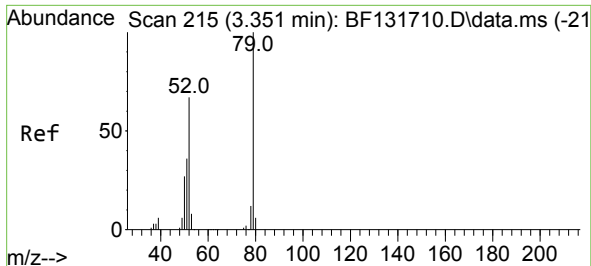
Tgt Ion:152 Resp: 86734
 Ion Ratio Lower Upper
 152 100
 150 153.0 117.4 176.0
 115 69.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 37.858 ng
 RT: 2.675 min Scan# 100
 Delta R.T. 0.094 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

Tgt Ion: 88 Resp: 91125
 Ion Ratio Lower Upper
 88 100
 58 74.0 57.5 86.3
 43 29.8 23.3 34.9

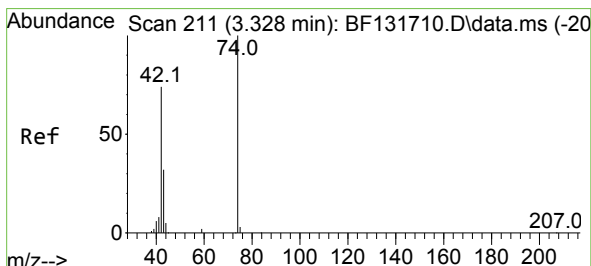
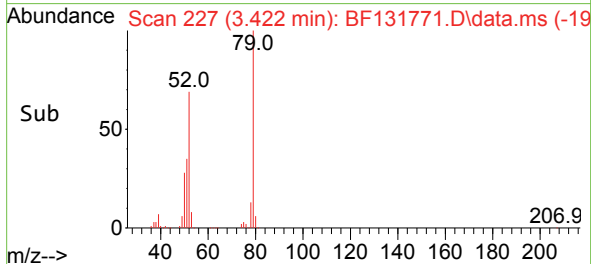
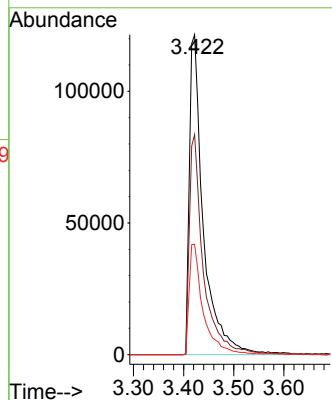
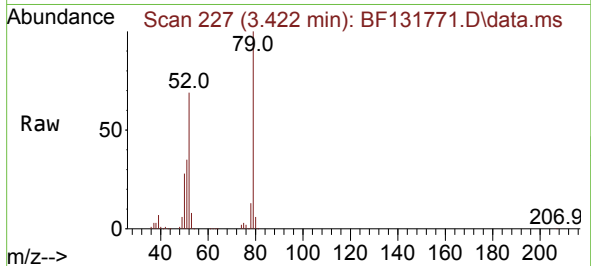




#3
Pyridine
Concen: 34.467 ng
RT: 3.422 min Scan# 215
Delta R.T. 0.094 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

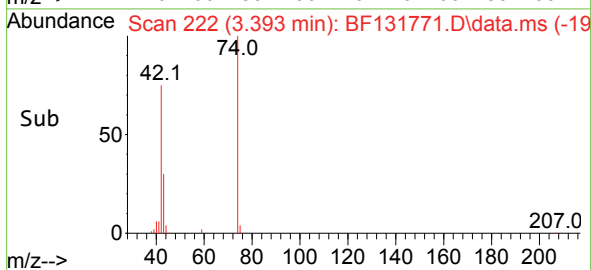
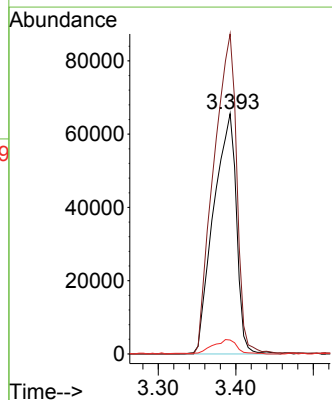
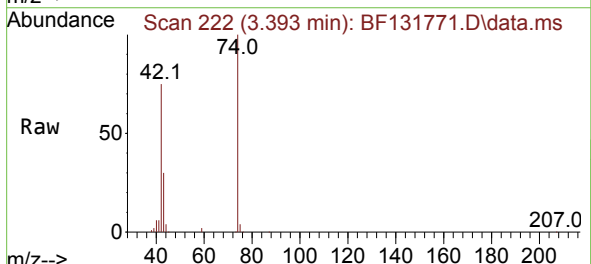
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BNA_F
ClientSampleId :
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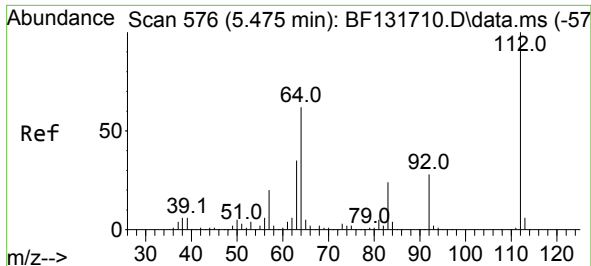
Tgt Ion: 79 Resp: 236561
Ion Ratio Lower Upper
79 100
52 68.8 53.7 80.5
51 34.5 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 43.303 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion: 42 Resp: 134467
Ion Ratio Lower Upper
42 100
74 133.1 107.8 161.8
44 5.8 5.5 8.3

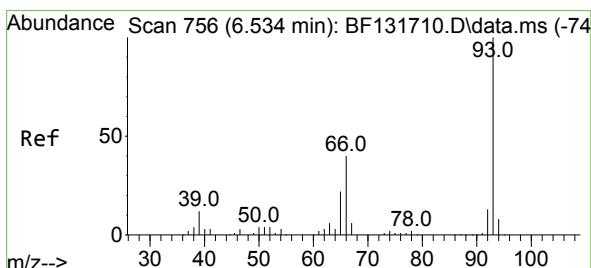
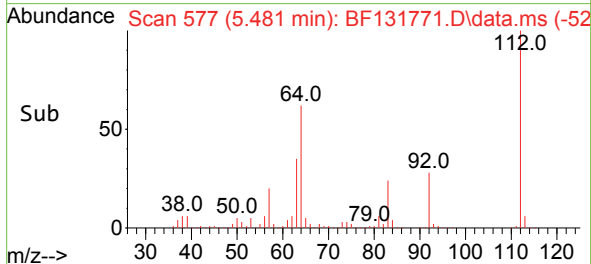
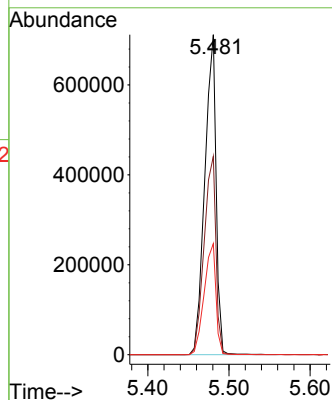
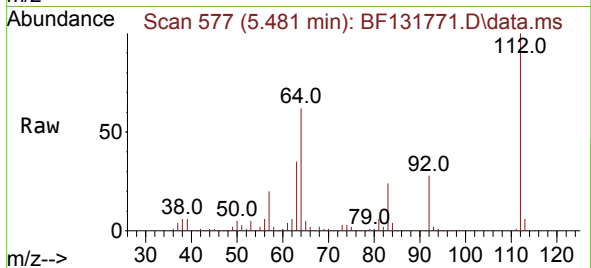




#5
2-Fluorophenol
Concen: 133.543 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

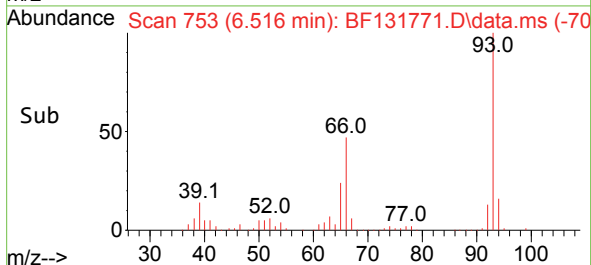
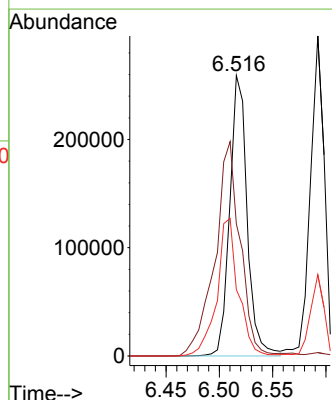
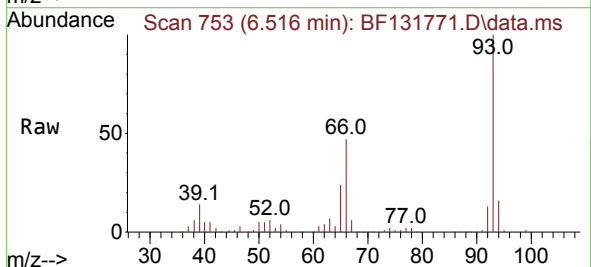
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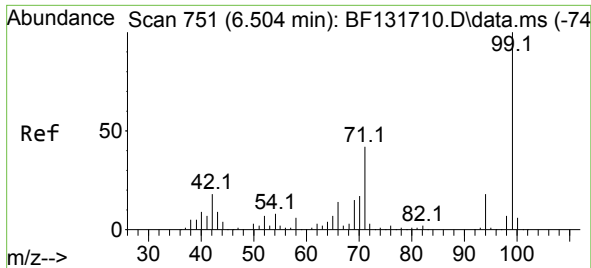
Tgt Ion:112 Resp: 687854
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 34.7 28.2 42.2



#6
Aniline
Concen: 34.503 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion: 93 Resp: 295312
Ion Ratio Lower Upper
93 100
66 47.0 32.8 49.2
65 23.6 17.4 26.2

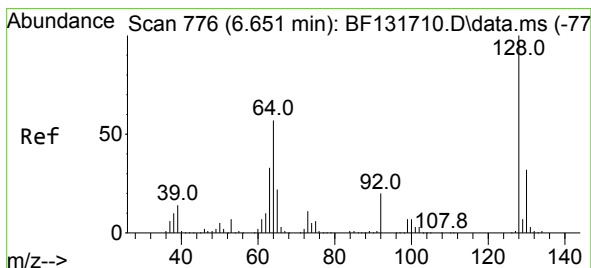
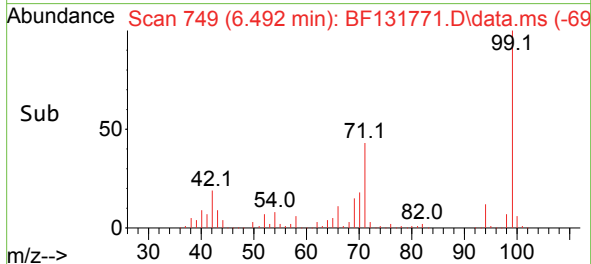
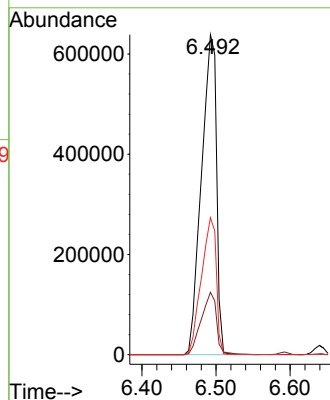
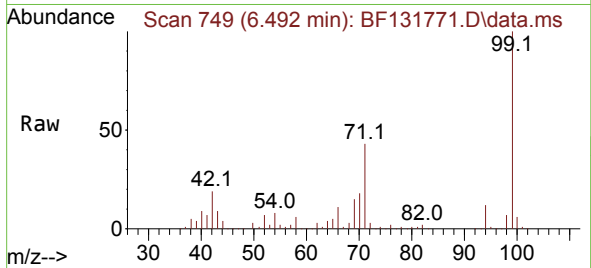




#7
Phenol-d6
Concen: 130.021 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

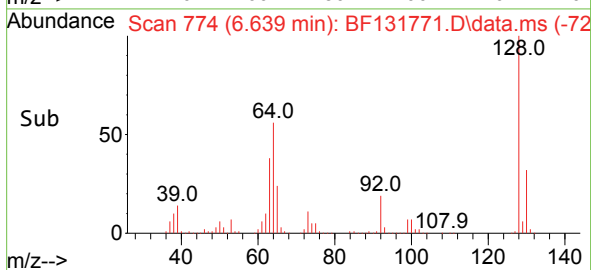
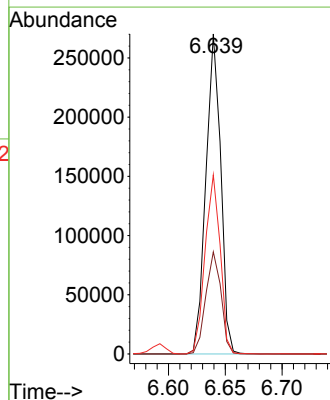
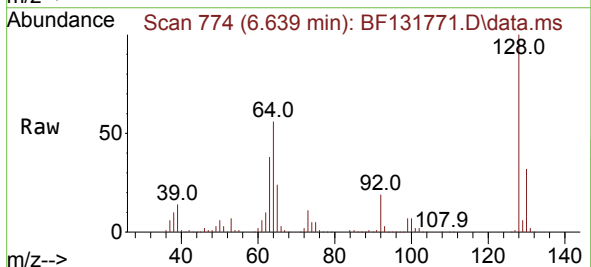
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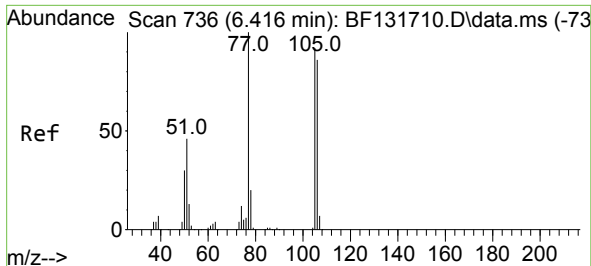
Tgt Ion: 99 Resp: 901414
Ion Ratio Lower Upper
99 100
42 19.5 14.8 22.2
71 42.8 33.8 50.6



#8
2-Chlorophenol
Concen: 44.131 ng
RT: 6.639 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:128 Resp: 244146
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 55.9 37.7 77.7

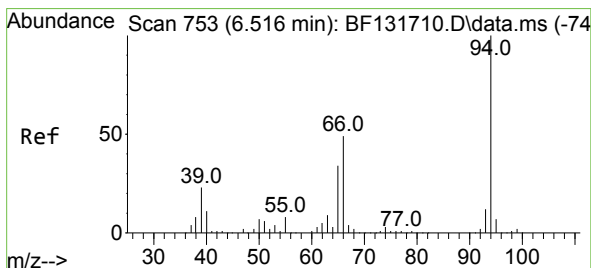
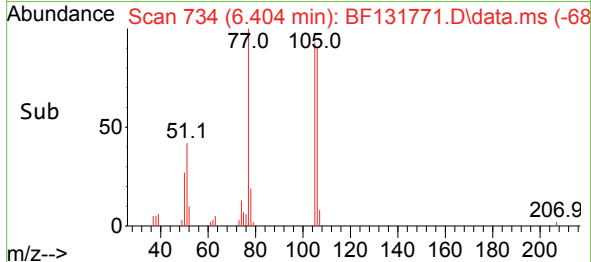
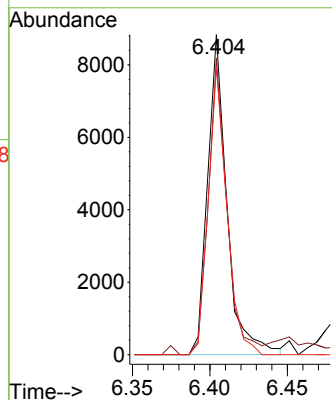
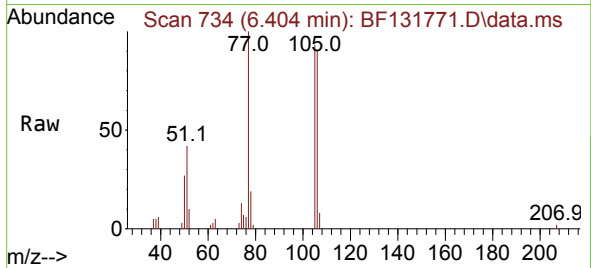




#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

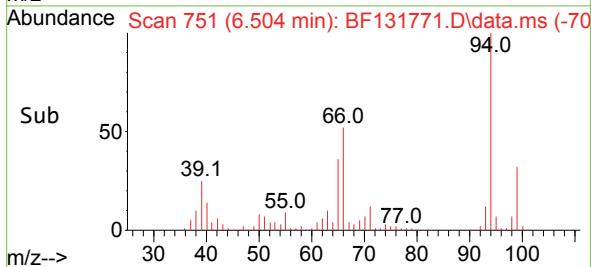
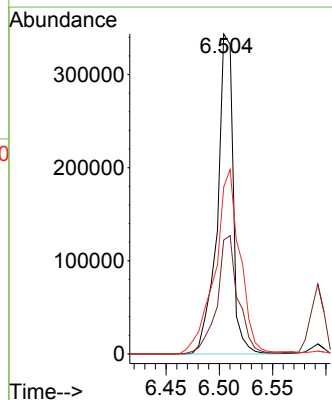
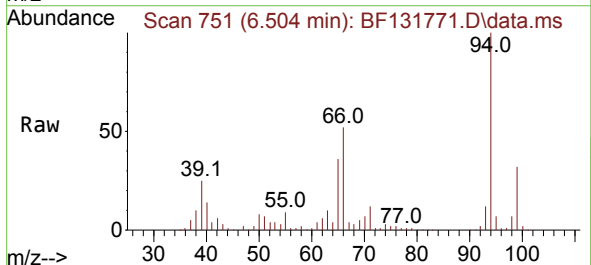
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ClientSampleId :
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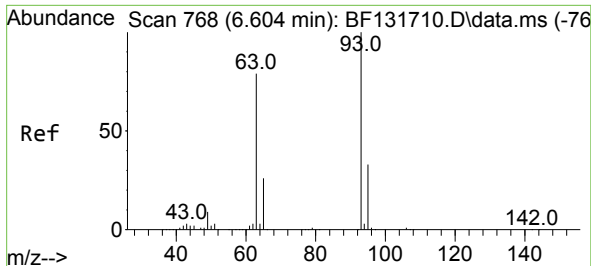
Tgt Ion: 77 Resp: 7671
Ion Ratio Lower Upper
77 100
105 92.7 72.4 112.4
106 90.0 66.5 106.5



#10
Phenol
Concen: 42.824 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion: 94 Resp: 354472
Ion Ratio Lower Upper
94 100
65 35.6 14.0 54.0
66 52.2 28.8 68.8





#11

bis(2-Chloroethyl)ether

Concen: 45.351 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

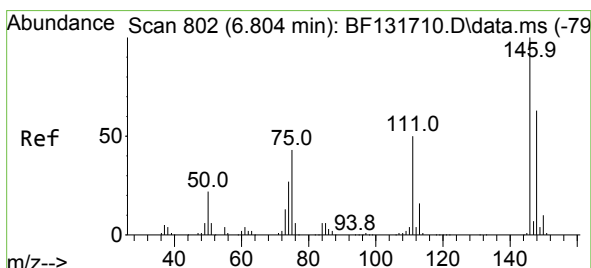
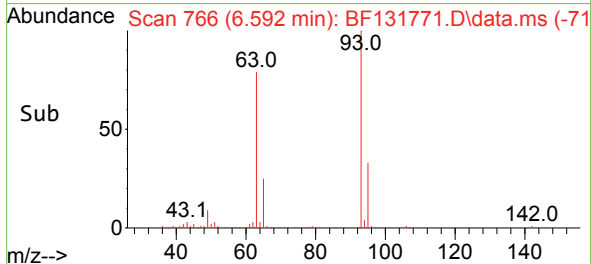
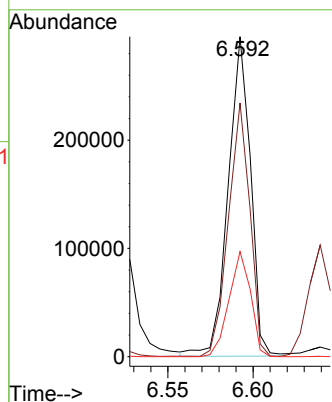
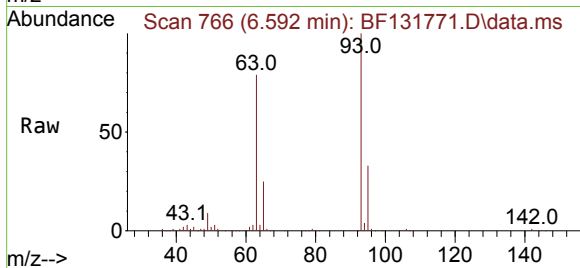
Tgt Ion: 93 Resp: 268631

Ion Ratio Lower Upper

93 100

63 79.3 59.0 99.0

95 32.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.937 ng

RT: 6.792 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

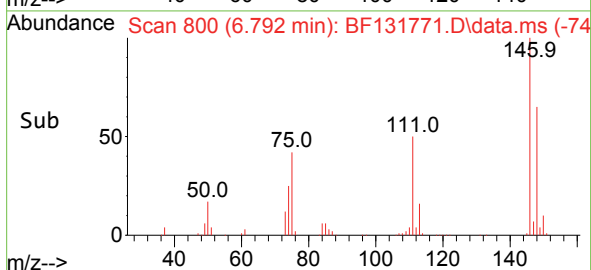
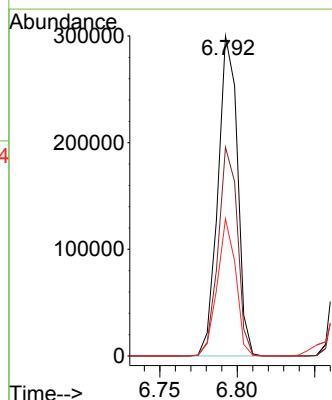
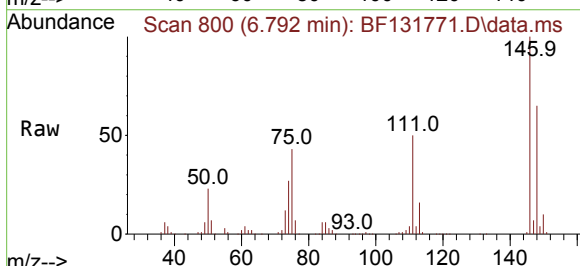
Tgt Ion:146 Resp: 262262

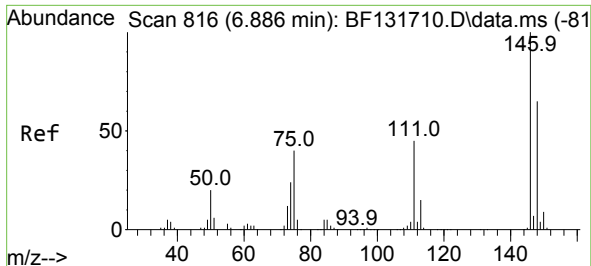
Ion Ratio Lower Upper

146 100

148 65.2 50.6 76.0

75 42.8 34.3 51.5

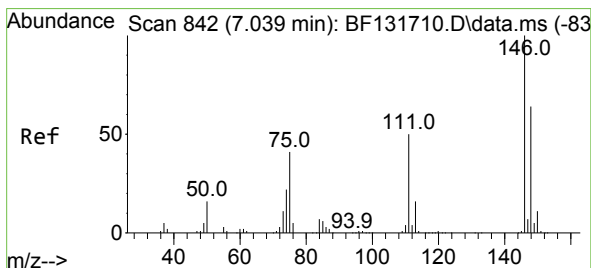
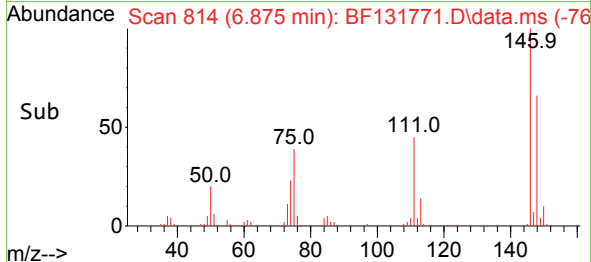
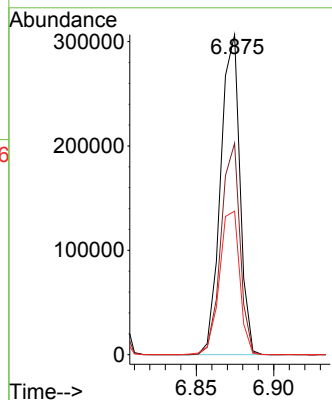
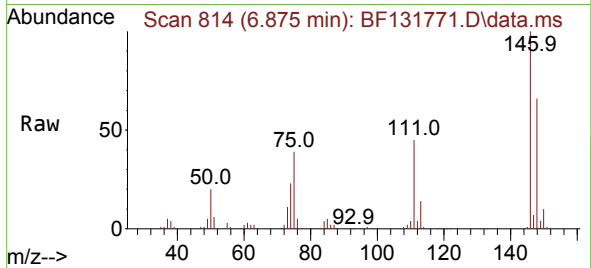




#13
1,4-Dichlorobenzene
Concen: 41.476 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

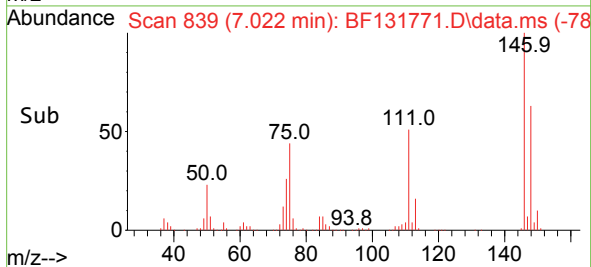
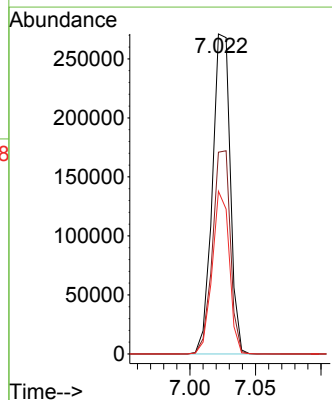
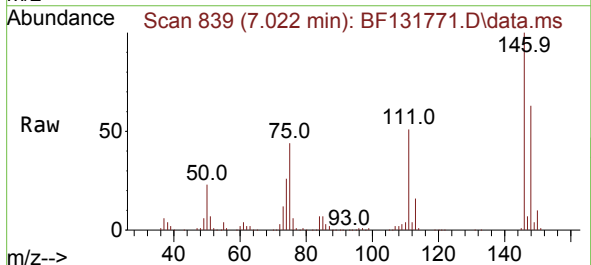
Instrument :
BNA_F
ClientSampleId :
PB149828BS

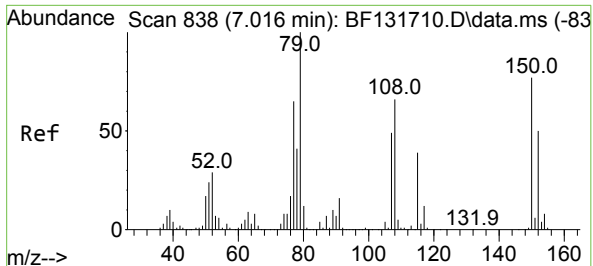
Tgt Ion:146 Resp: 265134
Ion Ratio Lower Upper
146 100
148 66.0 52.2 78.4
111 44.8 36.4 54.6



#14
1,2-Dichlorobenzene
Concen: 42.954 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:146 Resp: 257086
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.0
111 50.8 39.8 59.6

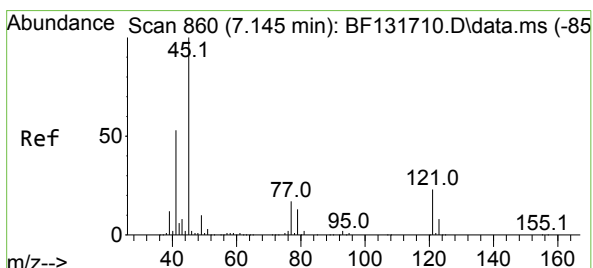
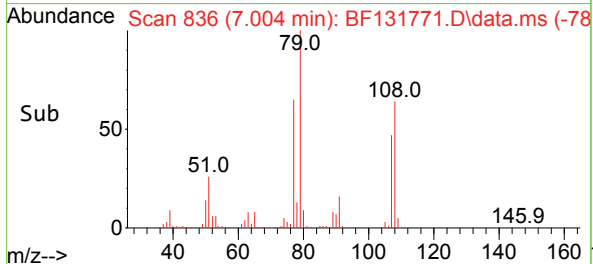
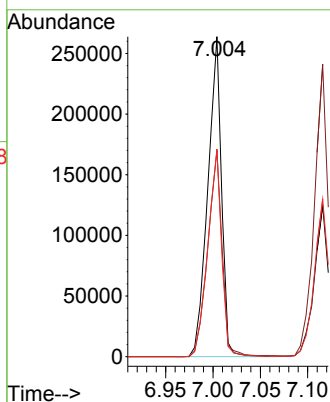
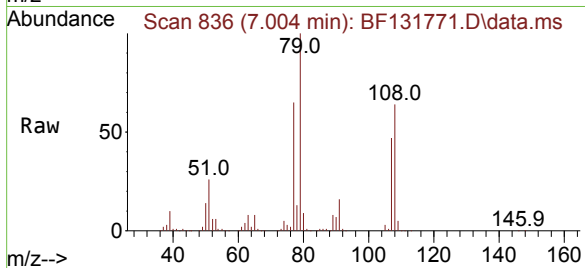




#15
Benzyl Alcohol
Concen: 42.881 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

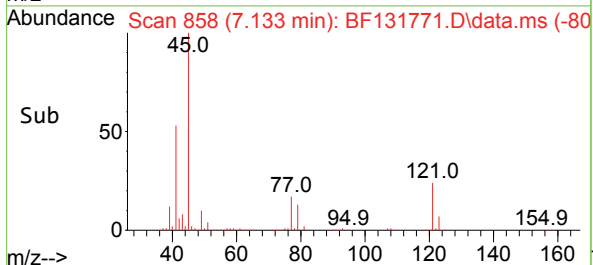
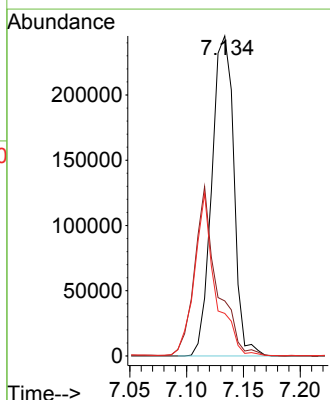
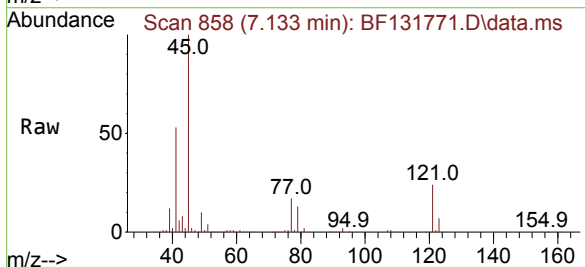
Instrument :
BNA_F
ClientSampleId :
PB149828BS

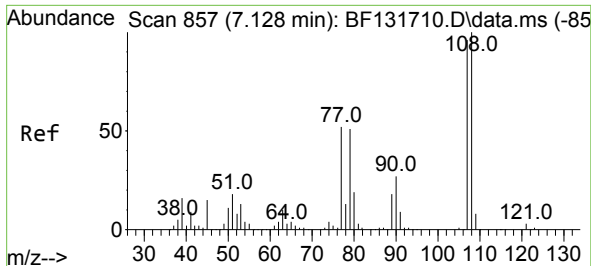
Tgt Ion: 79 Resp: 265532
Ion Ratio Lower Upper
79 100
108 64.5 52.6 78.8
77 64.8 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.829 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion: 45 Resp: 331033
Ion Ratio Lower Upper
45 100
77 17.2 0.0 36.8
79 13.3 0.0 33.1

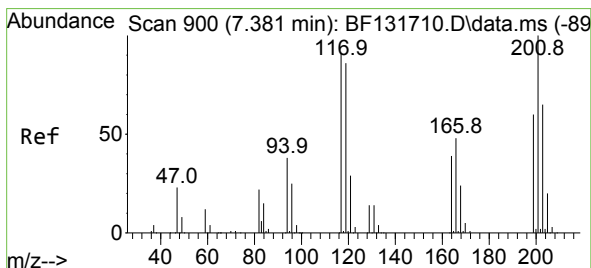
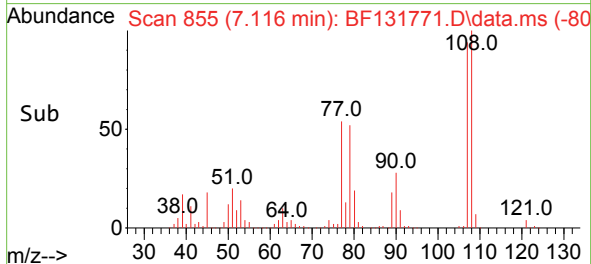
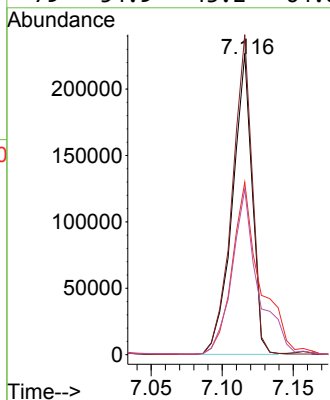
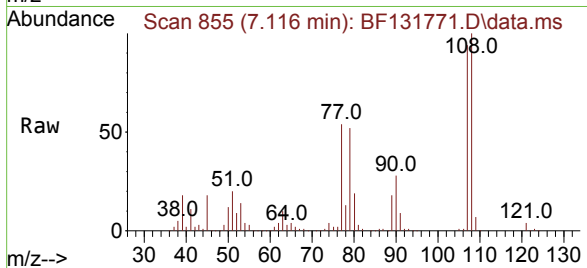




#17
2-Methylphenol
Concen: 42.132 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

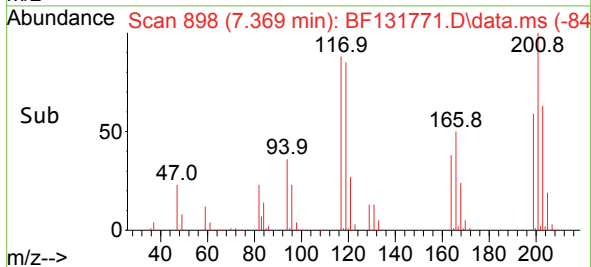
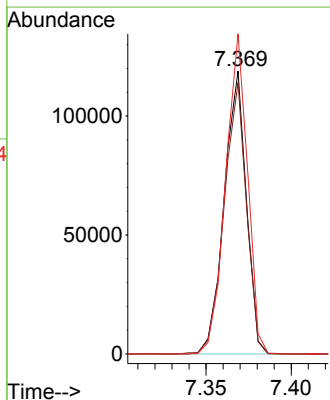
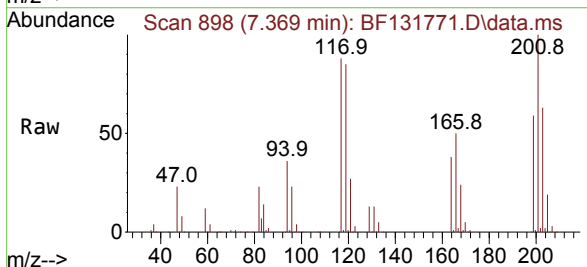
Instrument :
BNA_F
ClientSampleId :
PB149828BS

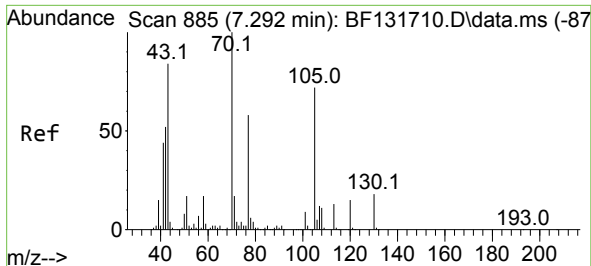
Tgt Ion:107 Resp: 220042
Ion Ratio Lower Upper
107 100
108 106.3 83.8 125.6
77 57.3 43.8 65.8
79 54.9 43.2 64.8



#18
Hexachloroethane
Concen: 42.332 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:117 Resp: 107269
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 113.1 88.2 132.4



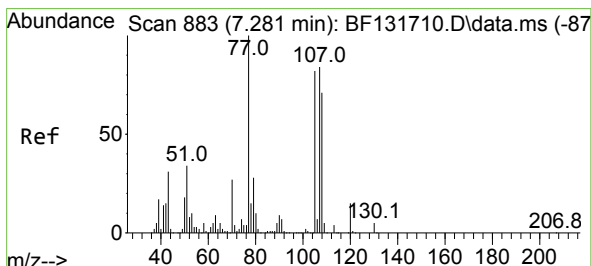
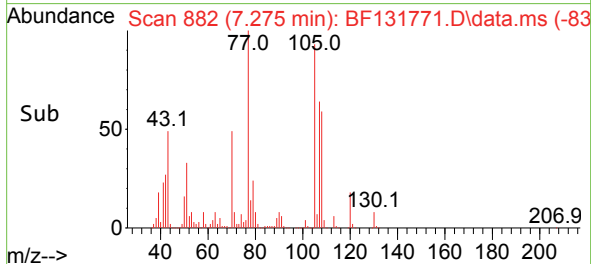
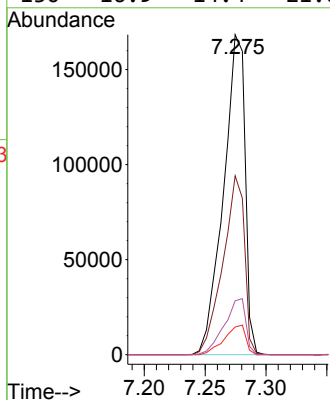
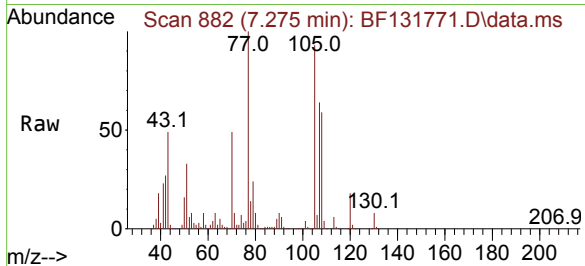


#19
n-Nitroso-di-n-propylamine
Concen: 41.542 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Instrument :
BNA_F
ClientSampleId :
PB149828BS

Tgt Ion: 70 Resp: 207713

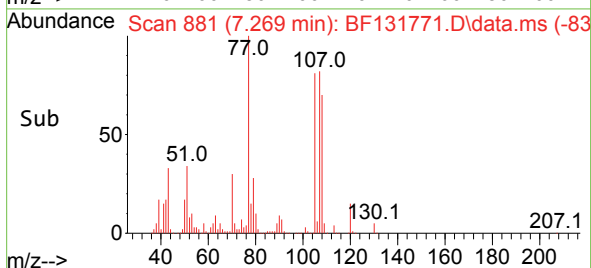
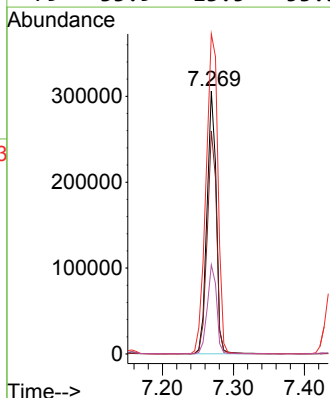
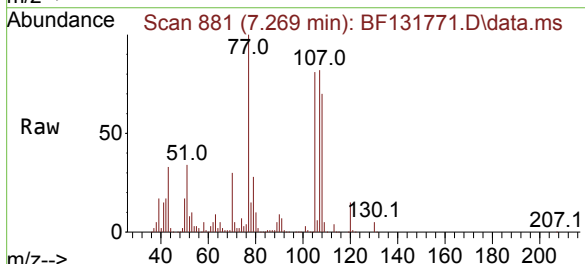
Ion	Ratio	Lower	Upper
70	100		
42	55.9	41.5	62.3
101	8.7	7.3	10.9
130	16.9	14.4	21.6

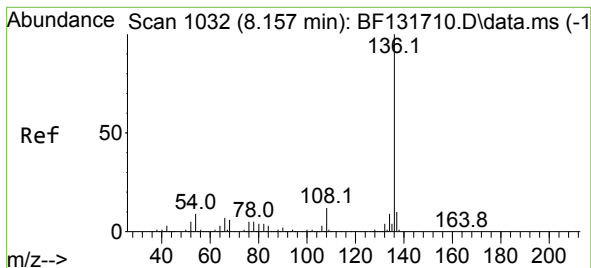


#20
3+4-Methylphenols
Concen: 41.374 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion: 107 Resp: 278107

Ion	Ratio	Lower	Upper
107	100		
108	84.8	65.2	105.2
77	121.7	99.6	139.6
79	33.9	13.5	53.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

Tgt Ion:136 Resp: 341351

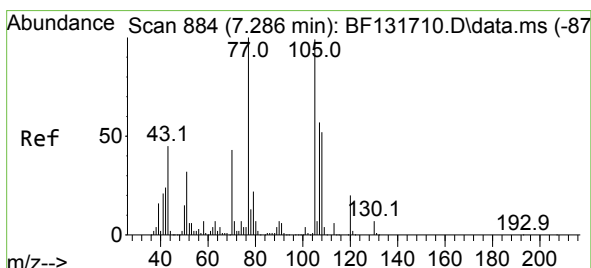
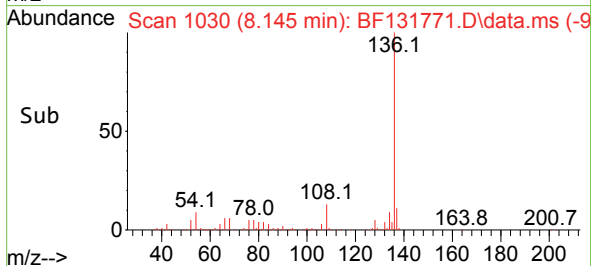
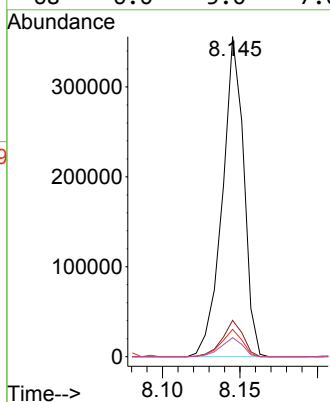
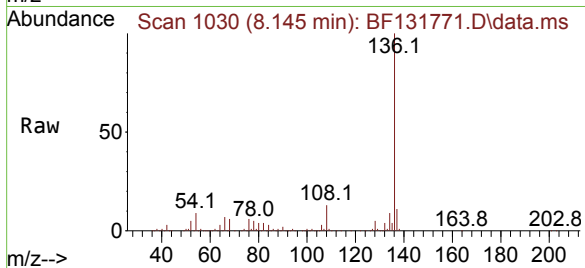
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.6 7.2 10.8

68 6.0 5.0 7.6



#22

Acetophenone

Concen: 40.082 ng

RT: 7.275 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Tgt Ion:105 Resp: 399275

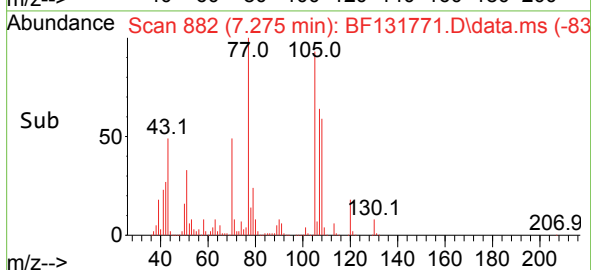
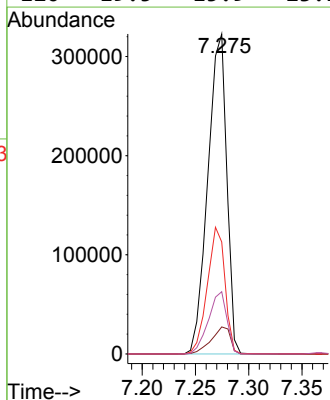
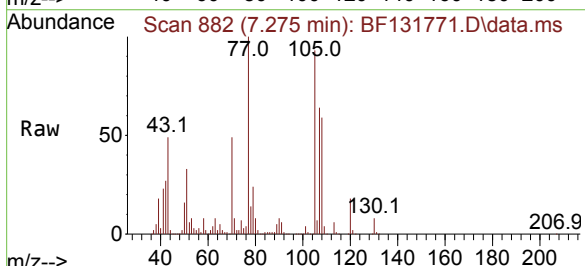
Ion Ratio Lower Upper

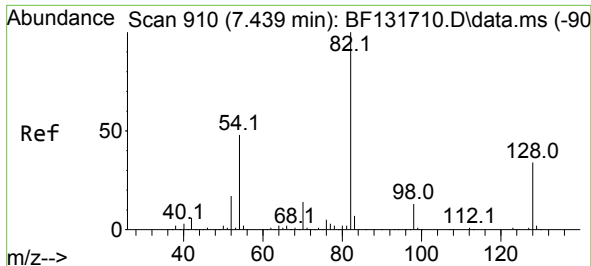
105 100

71 8.5 5.5 8.3#

51 35.0 25.5 38.3

120 19.5 15.9 23.9





#23

Nitrobenzene-d5

Concen: 73.480 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

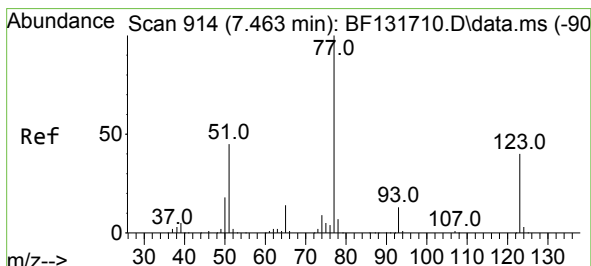
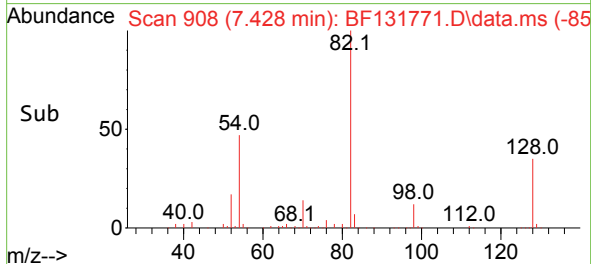
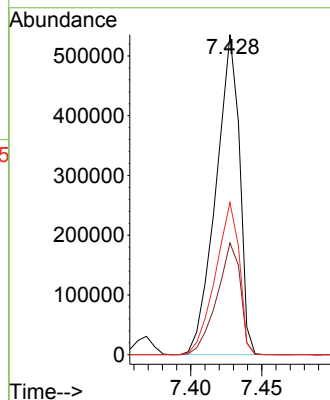
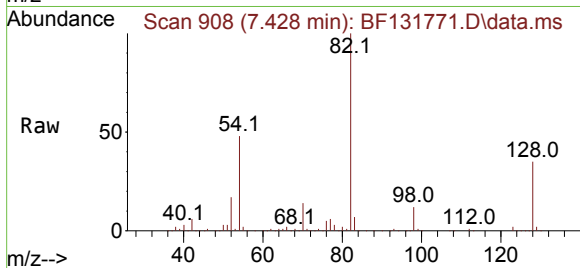
Tgt Ion: 82 Resp: 617851

Ion Ratio Lower Upper

82 100

128 34.9 27.3 40.9

54 47.6 38.2 57.2



#24

Nitrobenzene

Concen: 38.979 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

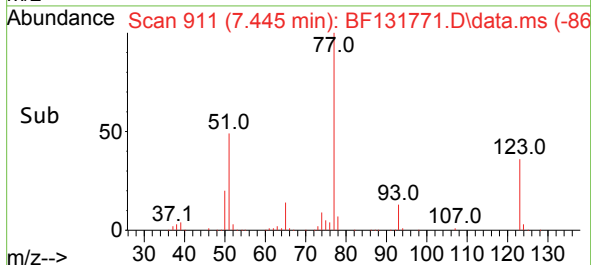
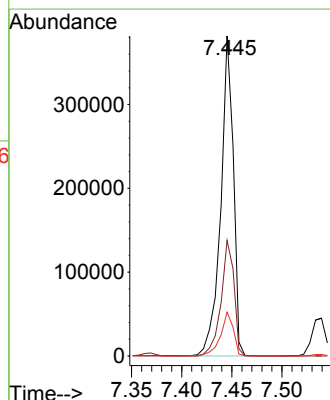
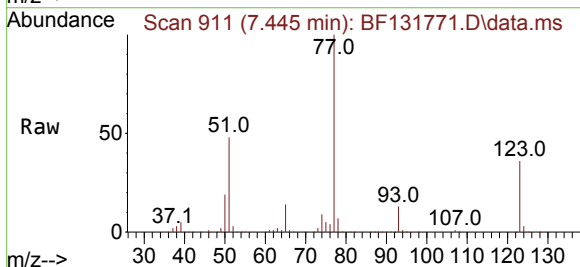
Tgt Ion: 77 Resp: 333195

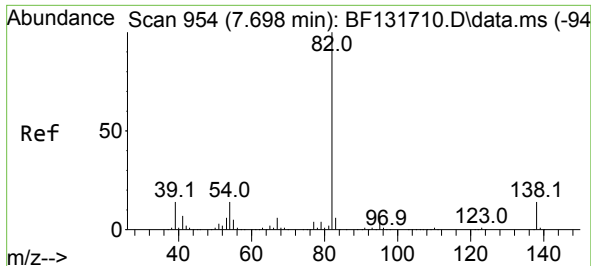
Ion Ratio Lower Upper

77 100

123 36.1 31.8 47.6

65 13.7 10.9 16.3

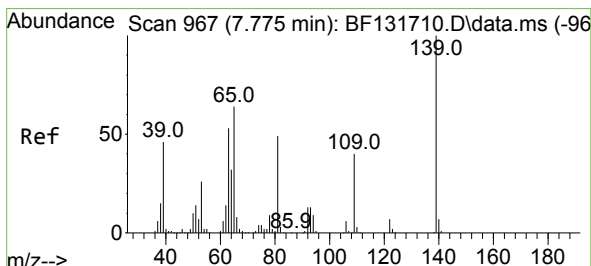
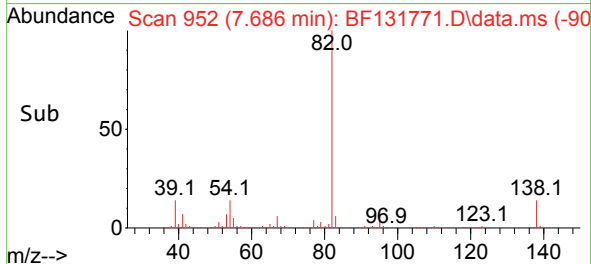
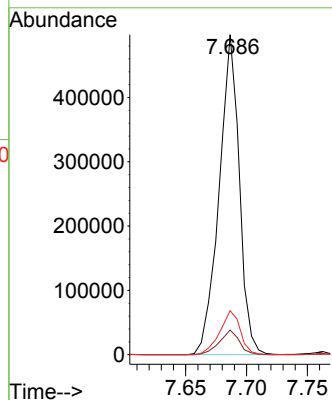
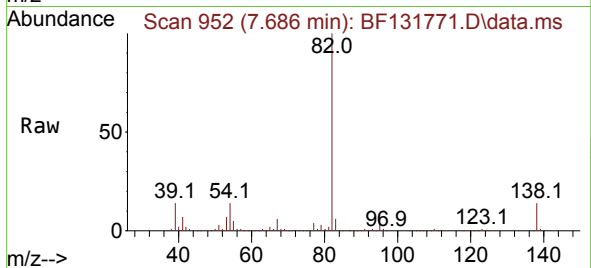




#25
Isophorone
Concen: 40.242 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

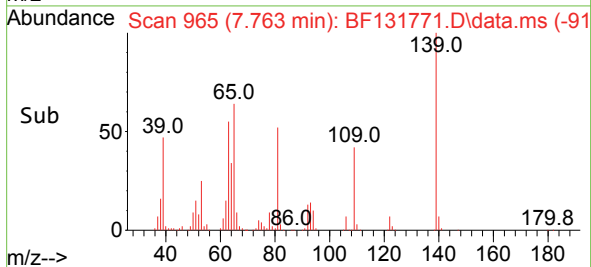
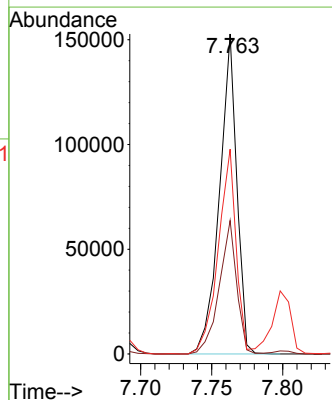
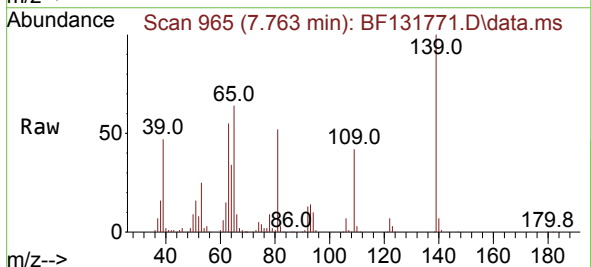
Instrument :
BNA_F
ClientSampleId :
PB149828BS

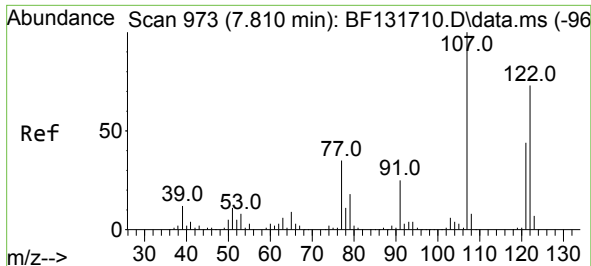
Tgt Ion: 82 Resp: 574639
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 13.7 11.6 17.4



#26
2-Nitrophenol
Concen: 38.717 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion: 139 Resp: 129345
Ion Ratio Lower Upper
139 100
109 41.7 31.8 47.6
65 64.0 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 45.949 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

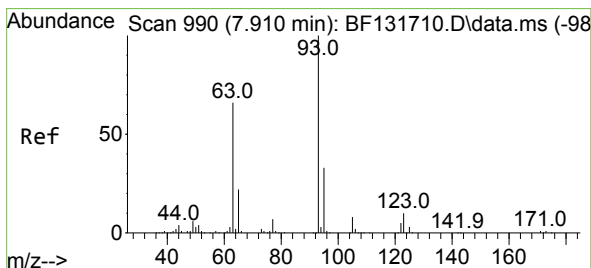
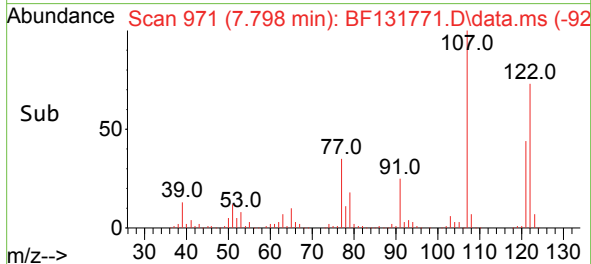
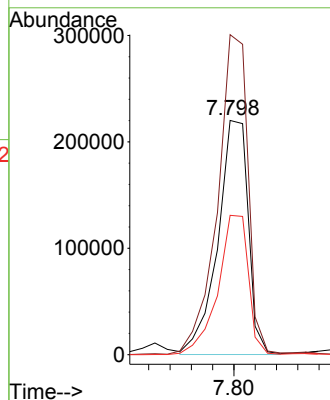
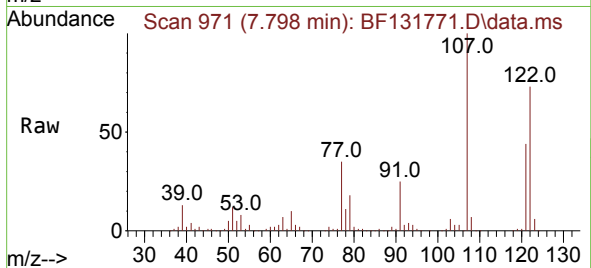
Tgt Ion:122 Resp: 218633

Ion Ratio Lower Upper

122 100

107 136.6 110.1 165.1

121 59.5 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.379 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

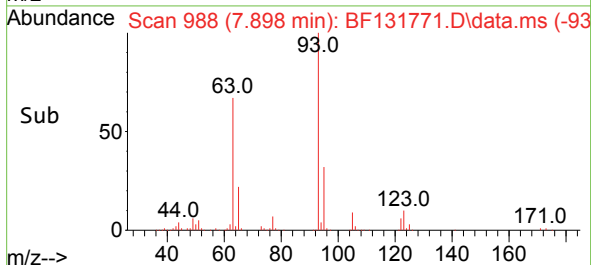
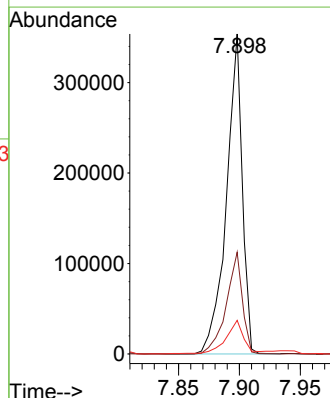
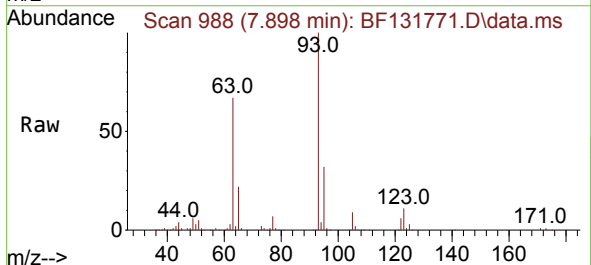
Tgt Ion: 93 Resp: 321357

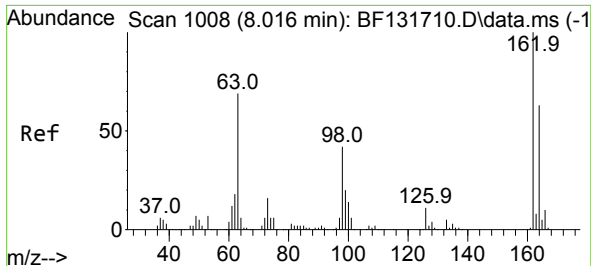
Ion Ratio Lower Upper

93 100

95 31.8 26.0 39.0

123 10.5 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 38.354 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

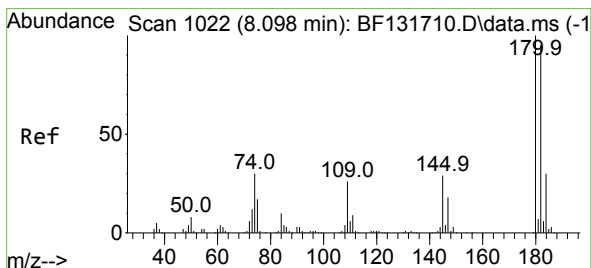
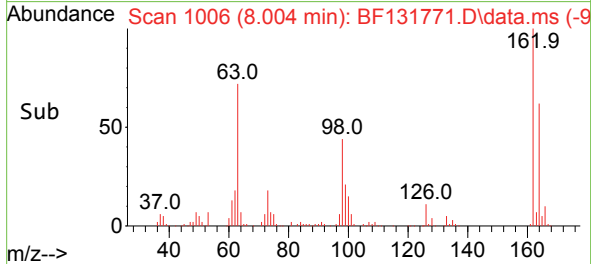
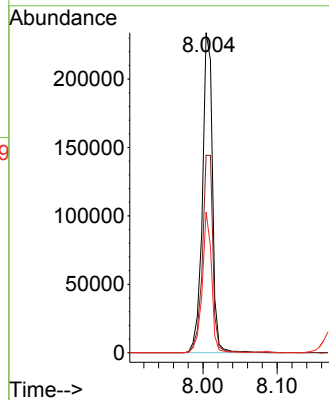
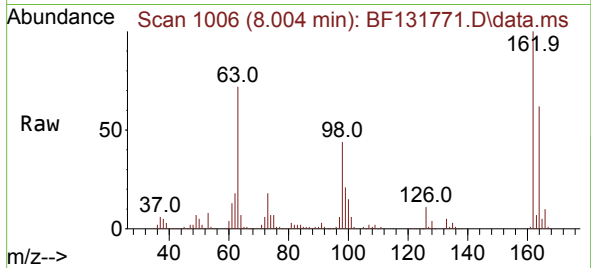
Tgt Ion:162 Resp: 220311

Ion Ratio Lower Upper

162 100

164 61.7 42.9 82.9

98 44.0 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 38.427 ng

RT: 8.086 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

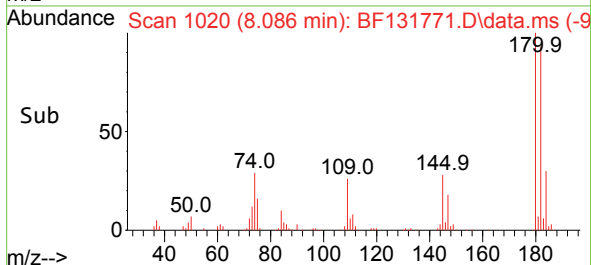
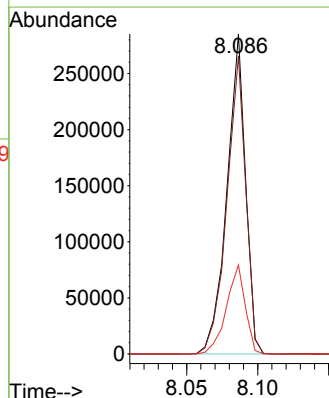
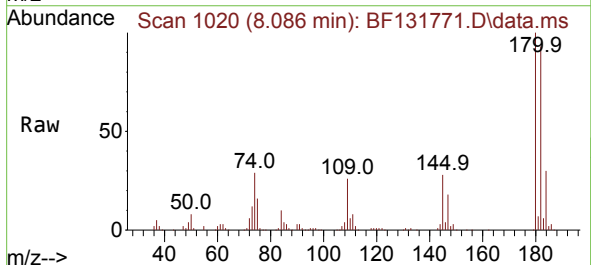
Tgt Ion:180 Resp: 259493

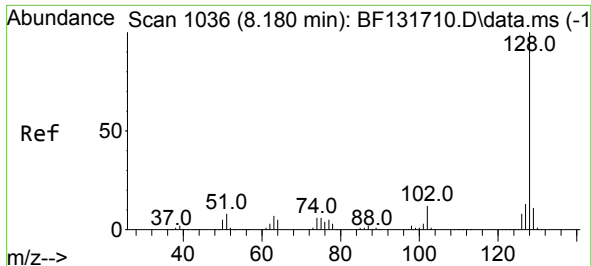
Ion Ratio Lower Upper

180 100

182 93.2 76.1 114.1

145 27.8 23.4 35.0

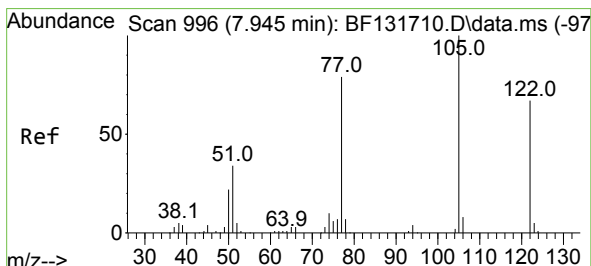
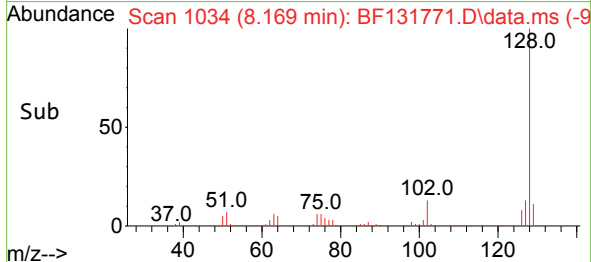
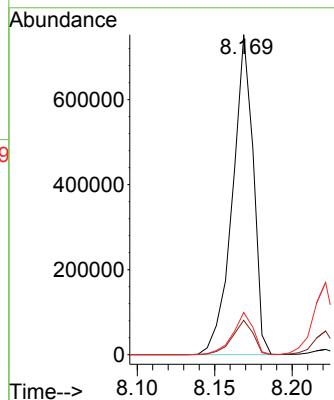
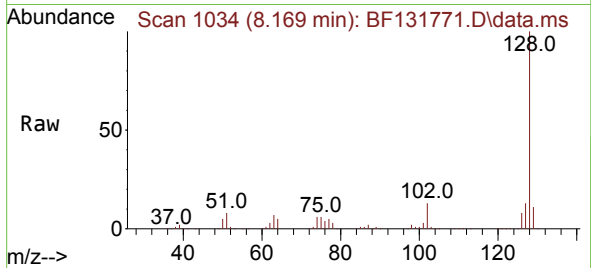




#31
Naphthalene
Concen: 37.536 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

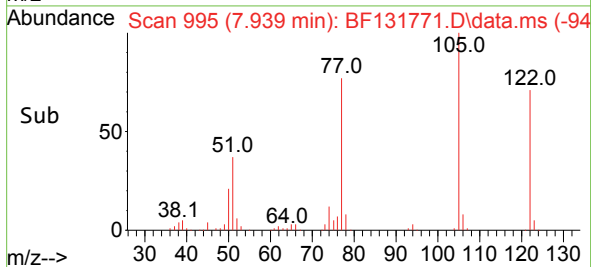
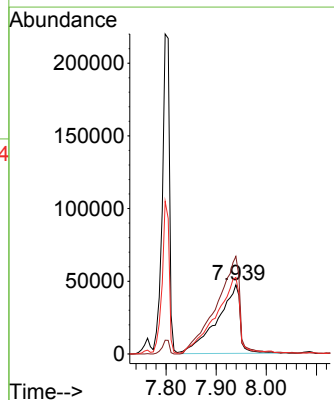
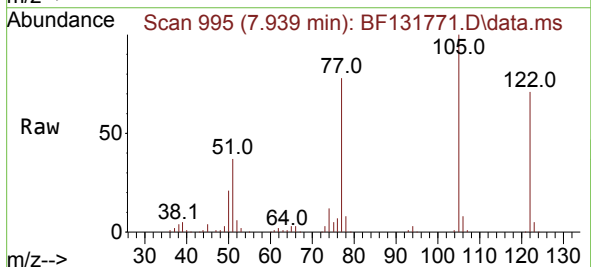
Instrument :
BNA_F
ClientSampleId :
PB149828BS

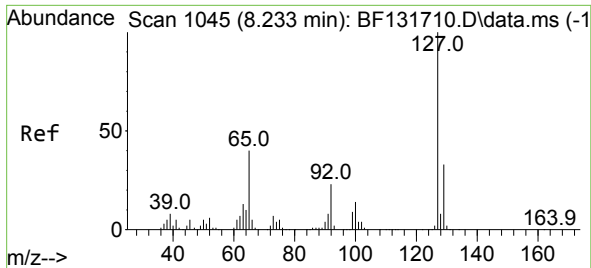
Tgt Ion:128 Resp: 699758
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 39.822 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:122 Resp: 151674
Ion Ratio Lower Upper
122 100
105 141.4 125.1 165.1
77 110.8 95.3 135.3

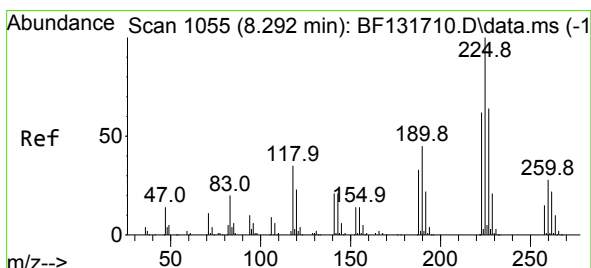
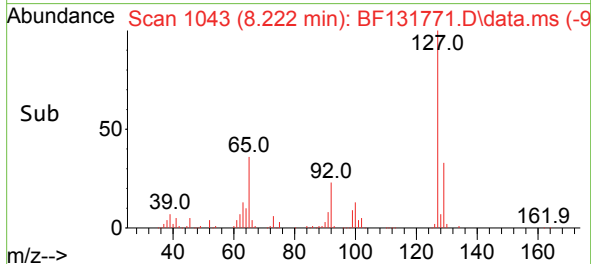
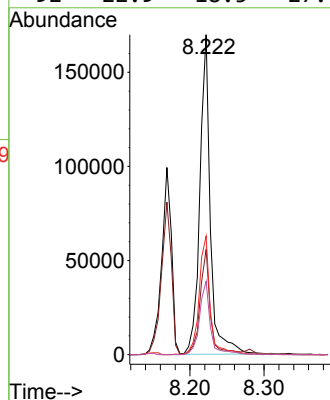
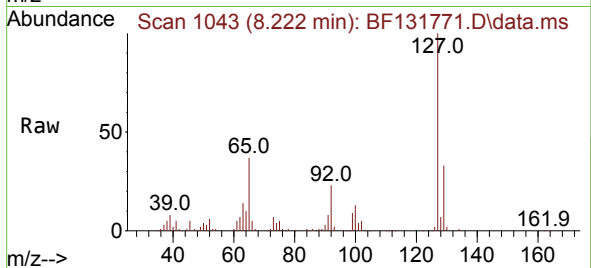




#33
4-Chloroaniline
Concen: 22.995 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

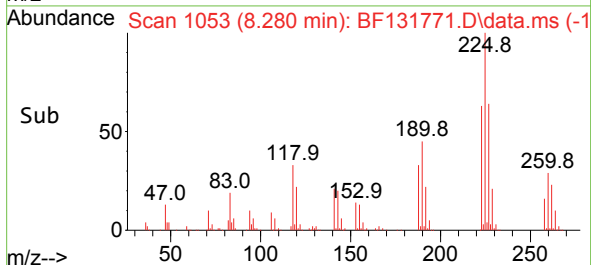
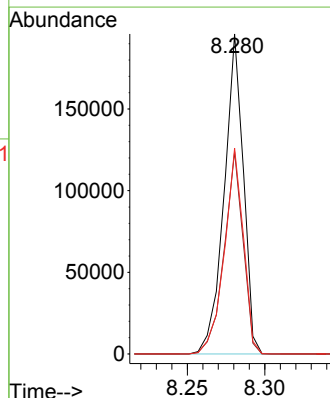
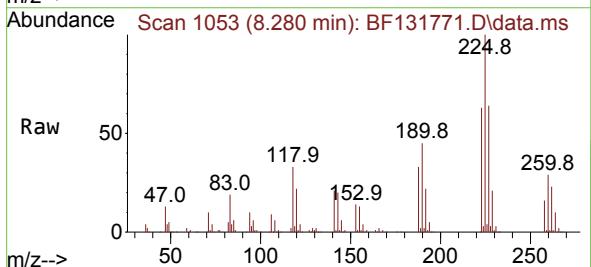
Instrument :
BNA_F
ClientSampleId :
PB149828BS

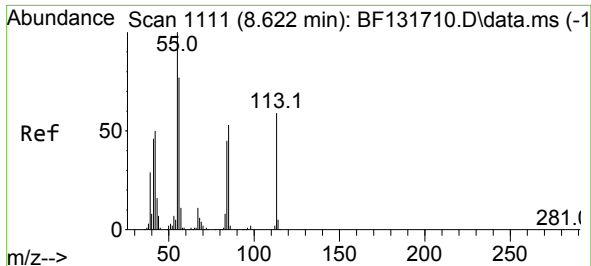
Tgt Ion:	127	Resp:	167179
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	37.1	31.8	47.6
92	22.9	18.5	27.7



#34
Hexachlorobutadiene
Concen: 37.089 ng
RT: 8.280 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:	225	Resp:	168506
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.5	74.3
227	64.4	51.0	76.4

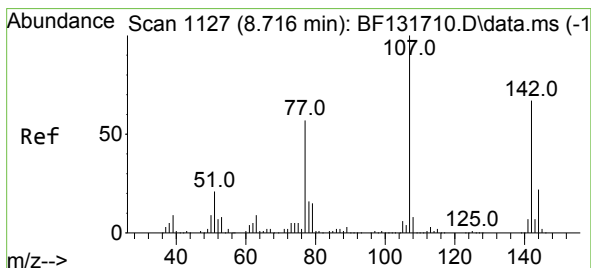
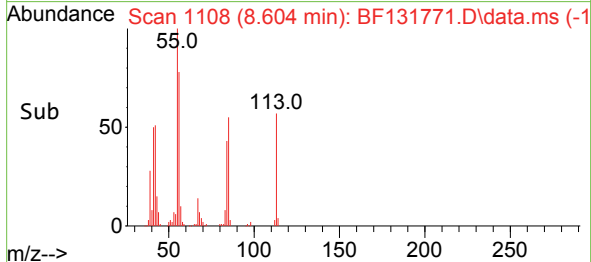
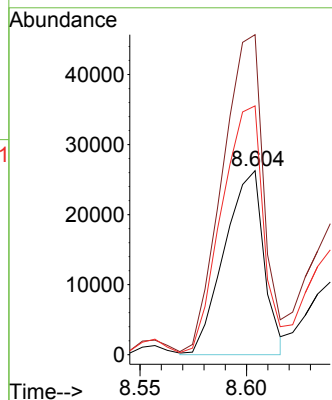
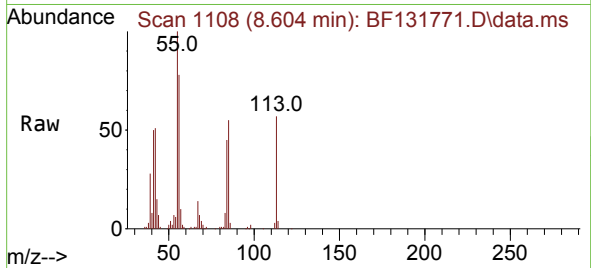




#35
 Caprolactam
 Concen: 19.590 ng
 RT: 8.604 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

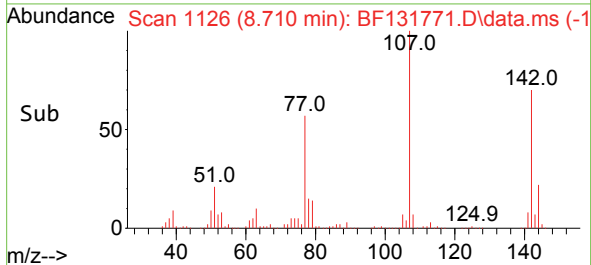
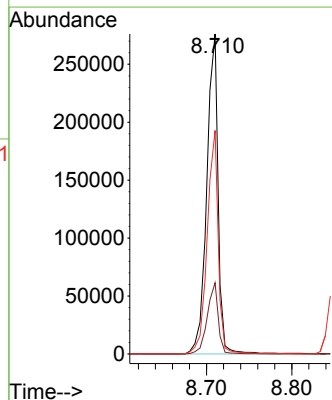
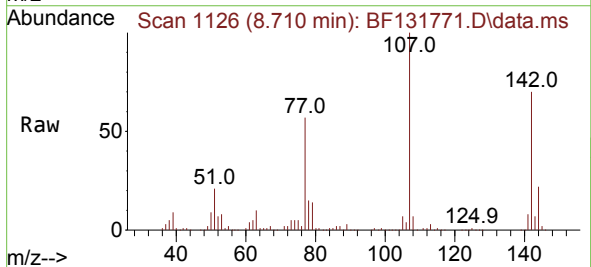
Instrument :
 BNA_F
 ClientSampleId :
 PB149828BS

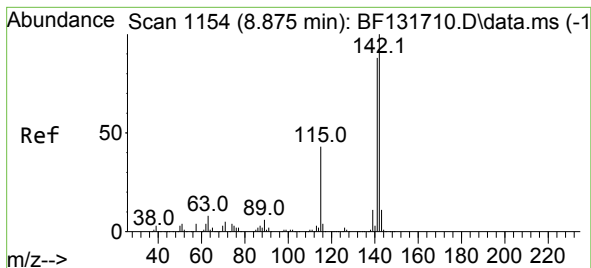
Tgt Ion:113 Resp: 33931
 Ion Ratio Lower Upper
 113 100
 55 174.0 149.0 189.0
 56 135.2 109.5 149.5



#36
 4-Chloro-3-methylphenol
 Concen: 38.940 ng
 RT: 8.710 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

Tgt Ion:107 Resp: 255513
 Ion Ratio Lower Upper
 107 100
 144 22.3 17.5 26.3
 142 69.9 53.4 80.0





#37

2-Methylnaphthalene

Concen: 37.034 ng

RT: 8.863 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

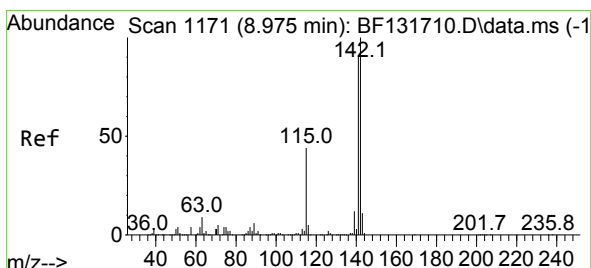
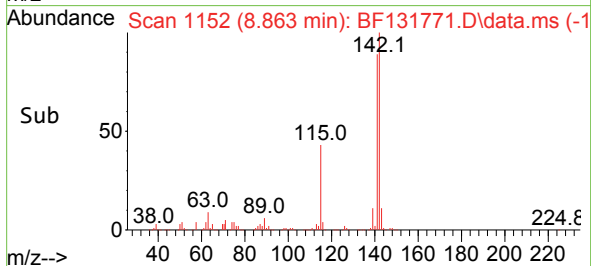
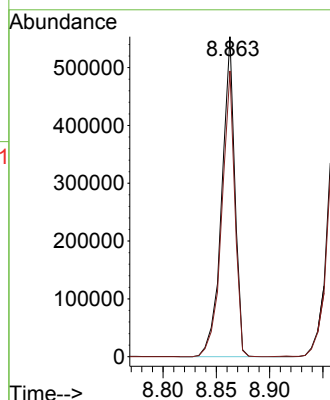
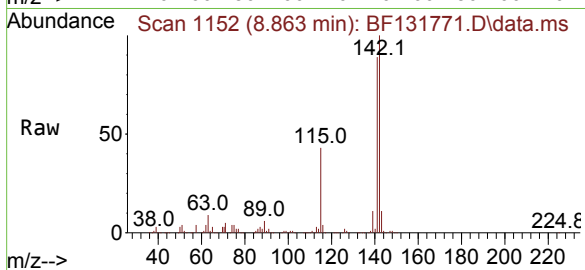
PB149828BS

Tgt Ion:142 Resp: 470940

Ion Ratio Lower Upper

142 100

141 89.3 70.4 105.6



#38

1-Methylnaphthalene

Concen: 36.041 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF131771.D

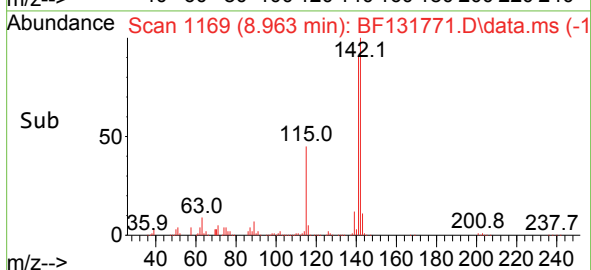
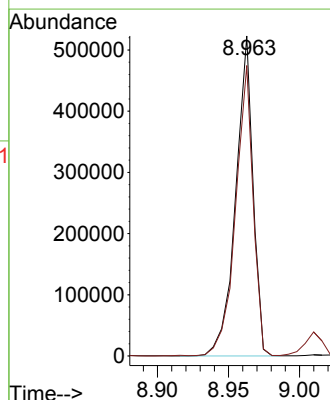
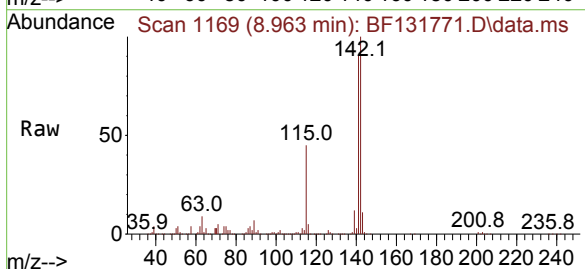
Acq: 22 Dec 2022 11:36

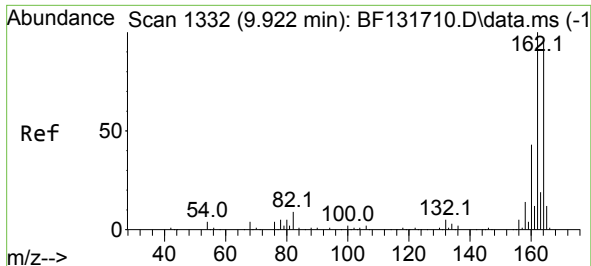
Tgt Ion:142 Resp: 443890

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

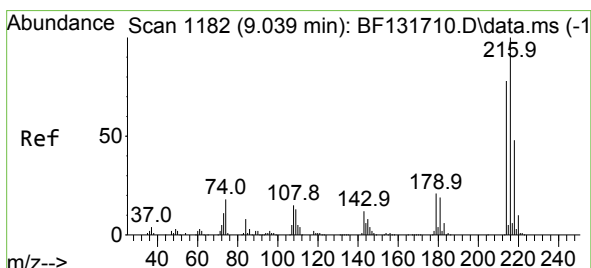
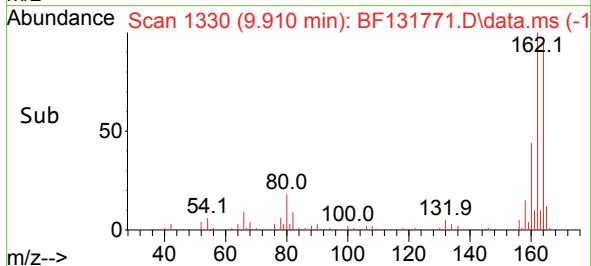
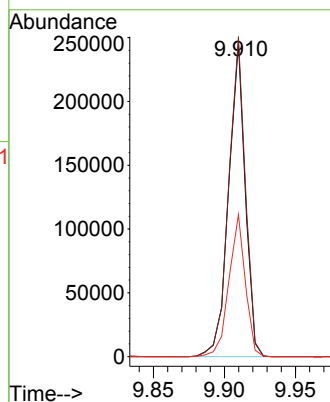
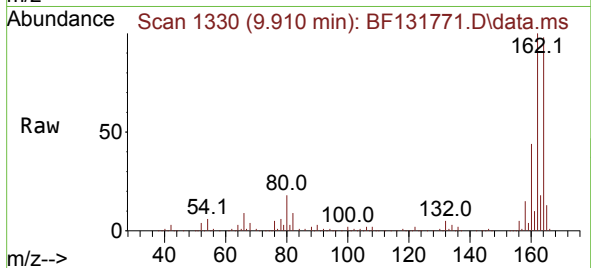
Tgt Ion:164 Resp: 200119

Ion Ratio Lower Upper

164 100

162 102.0 83.7 125.5

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.456 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Tgt Ion:216 Resp: 270145

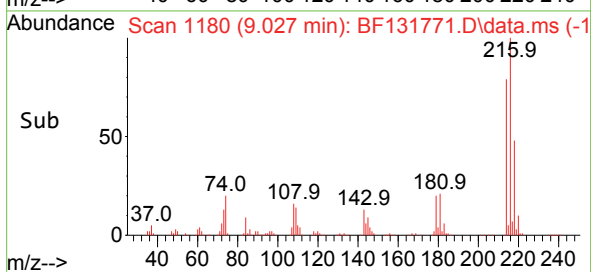
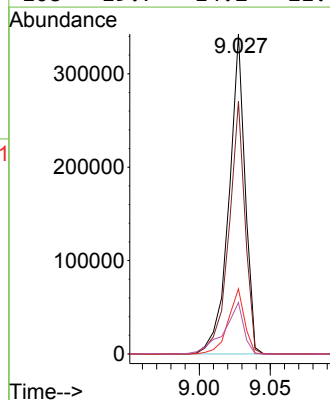
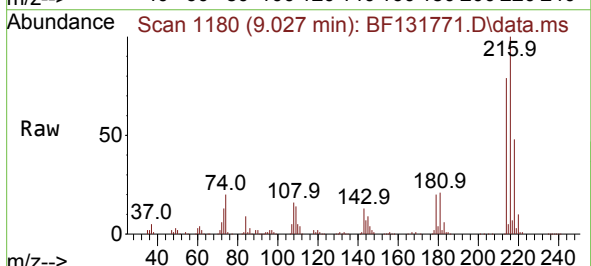
Ion Ratio Lower Upper

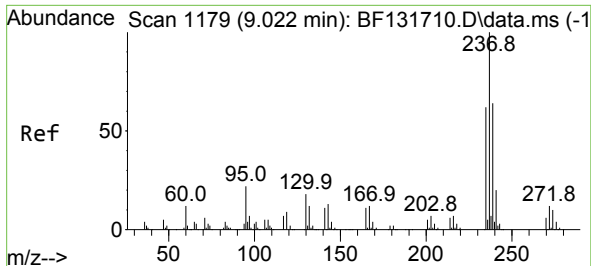
216 100

214 78.8 62.9 94.3

179 20.6 16.3 24.5

108 19.7 14.2 21.4

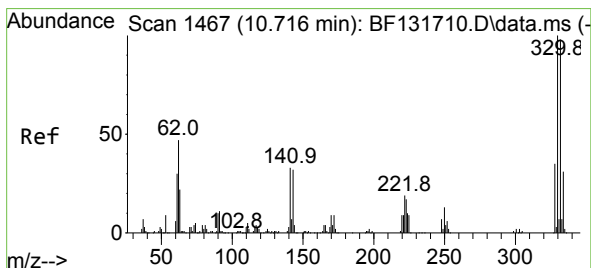
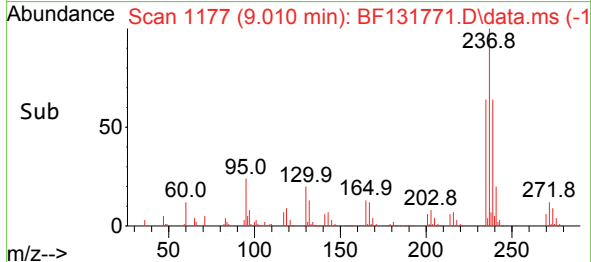
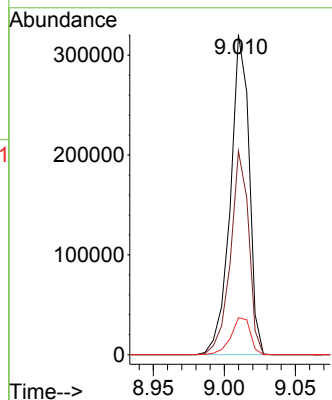
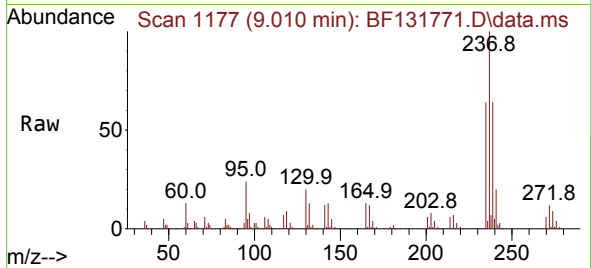




#41
Hexachlorocyclopentadiene
Concen: 94.841 ng
RT: 9.010 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

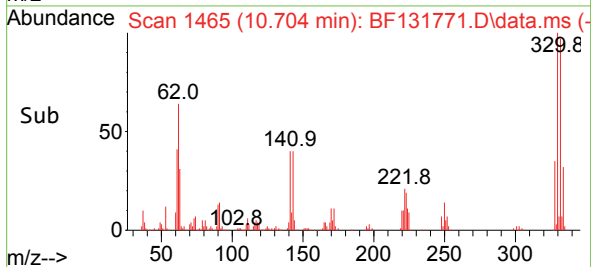
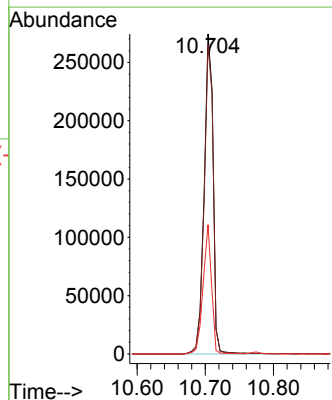
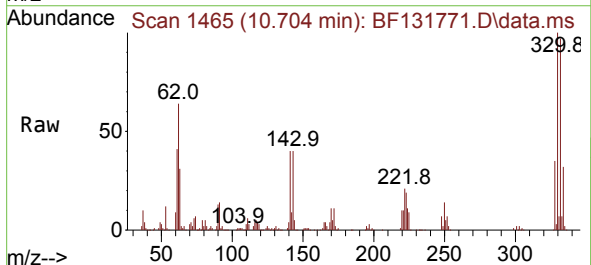
Instrument :
BNA_F
ClientSampleId :
PB149828BS

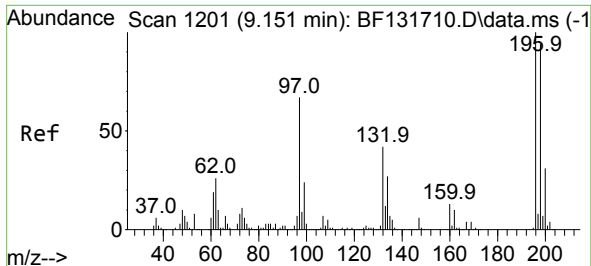
Tgt Ion:237 Resp: 294190
Ion Ratio Lower Upper
237 100
235 63.6 42.2 82.2
272 11.6 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 115.300 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:330 Resp: 252551
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 38.0 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 37.362 ng

RT: 9.145 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

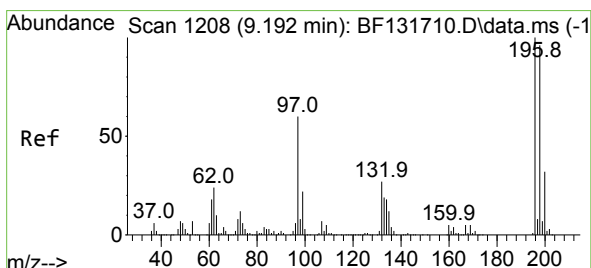
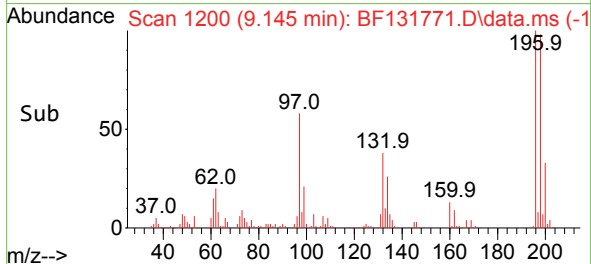
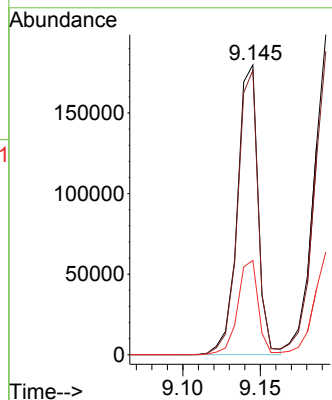
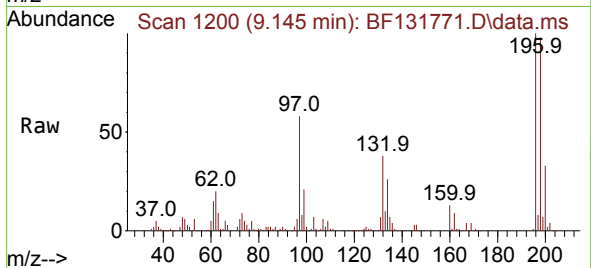
Tgt Ion:196 Resp: 167101

Ion Ratio Lower Upper

196 100

198 98.1 75.5 113.3

200 32.5 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 37.542 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Tgt Ion:196 Resp: 181771

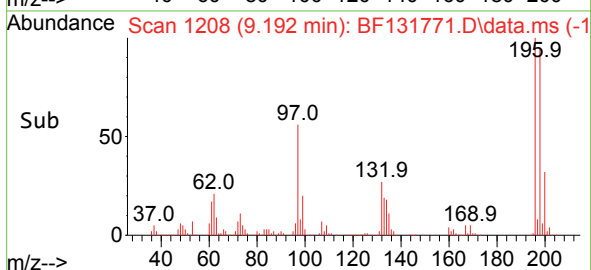
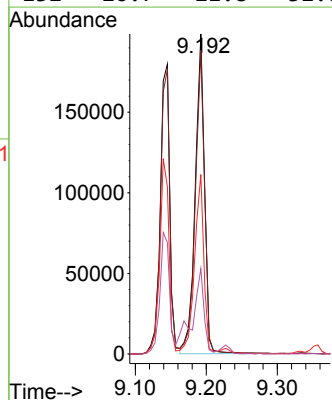
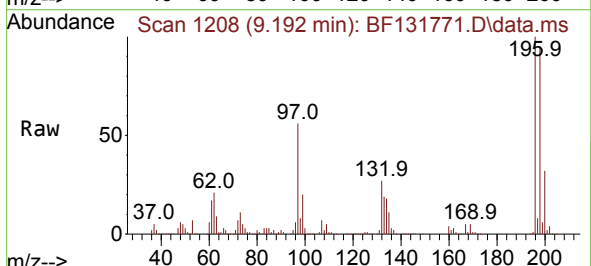
Ion Ratio Lower Upper

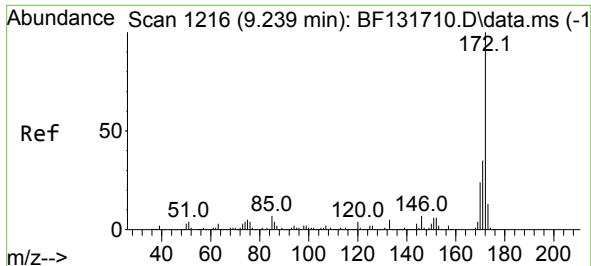
196 100

198 94.9 76.6 114.8

97 56.1 47.7 71.5

132 26.7 21.8 32.8

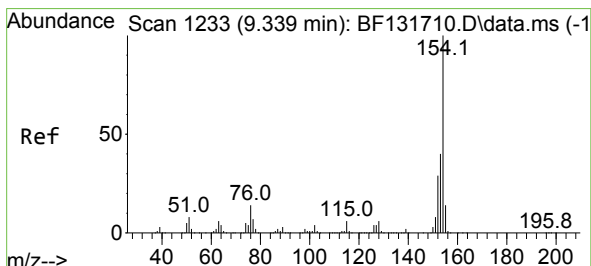
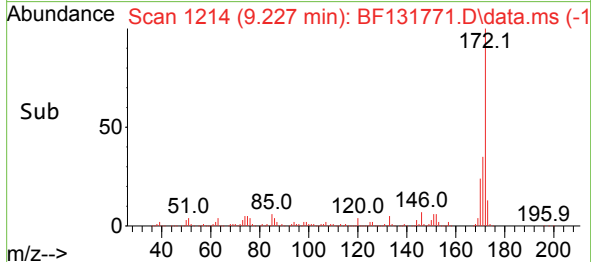
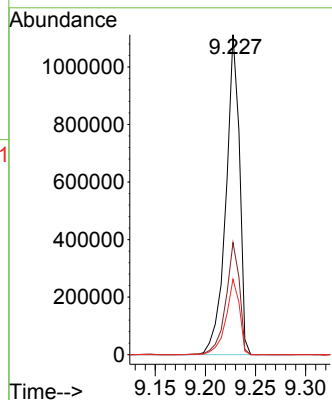
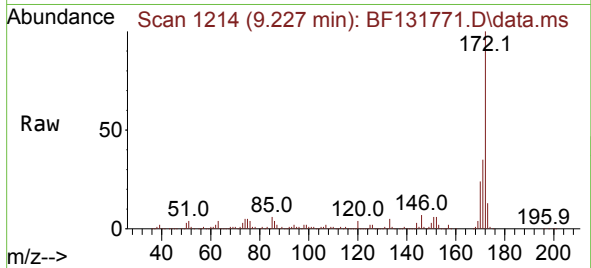




#45
2-Fluorobiphenyl
Concen: 73.061 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

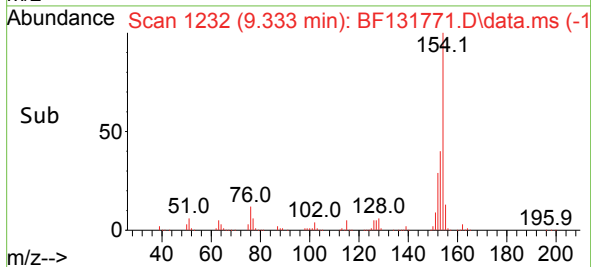
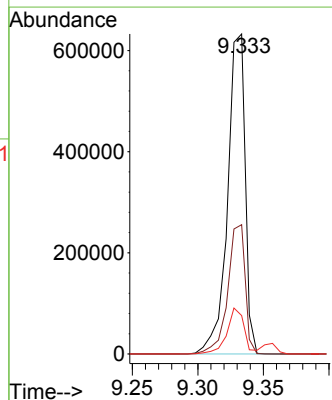
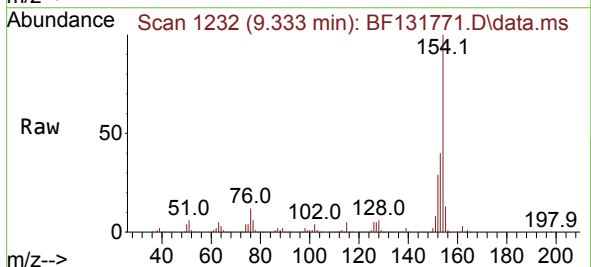
Instrument :
BNA_F
ClientSampleId :
PB149828BS

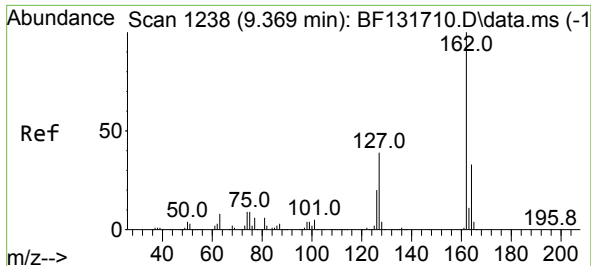
Tgt Ion:172 Resp: 1043738
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.297 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:154 Resp: 591523
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.0 0.0 33.6





#47

2-Chloronaphthalene

Concen: 38.411 ng

RT: 9.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

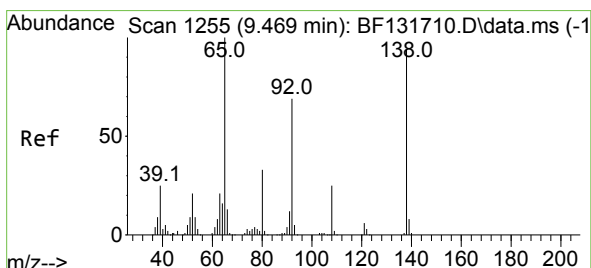
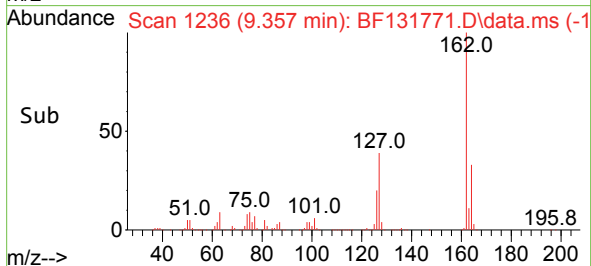
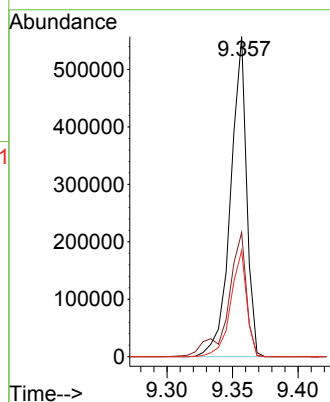
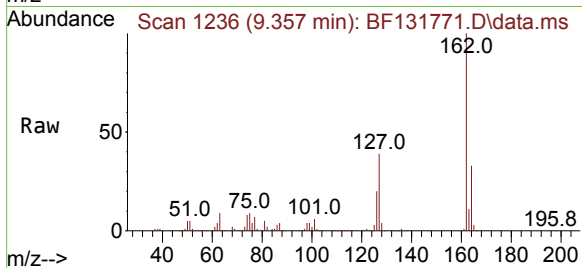
Tgt Ion:162 Resp: 473457

Ion Ratio Lower Upper

162 100

127 38.8 31.4 47.2

164 33.1 26.6 39.8



#48

2-Nitroaniline

Concen: 38.277 ng

RT: 9.457 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

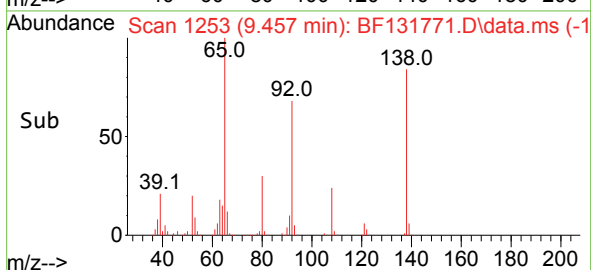
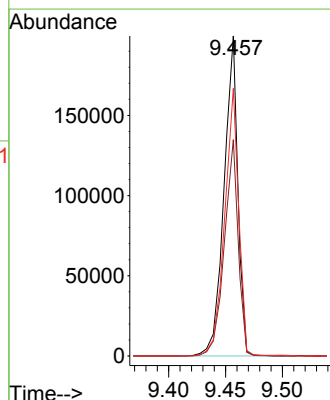
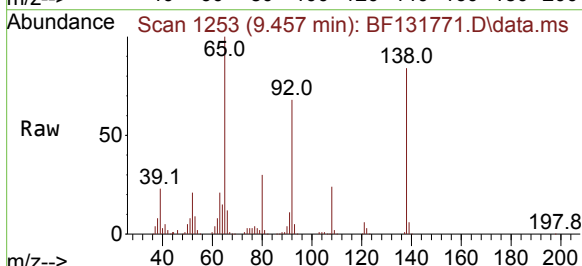
Tgt Ion: 65 Resp: 170050

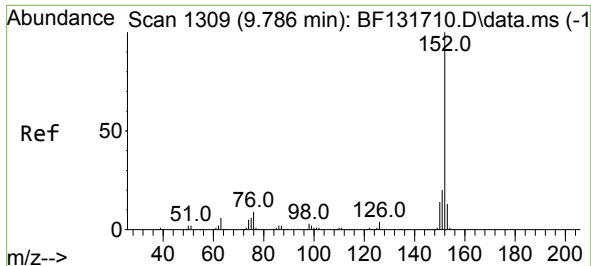
Ion Ratio Lower Upper

65 100

92 67.6 55.5 83.3

138 83.6 74.8 112.2

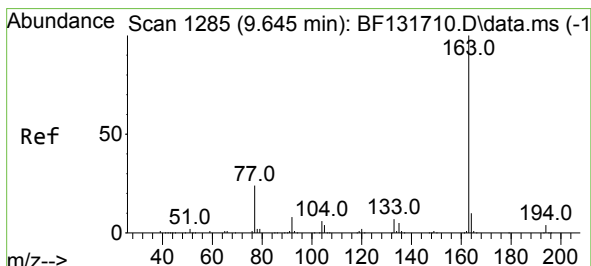
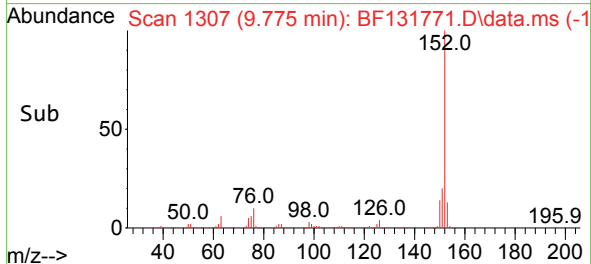
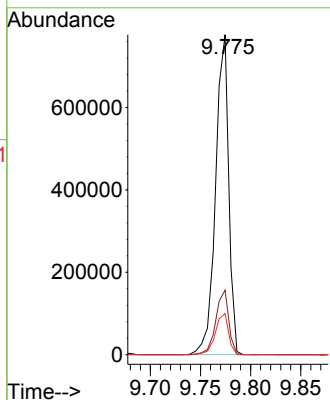
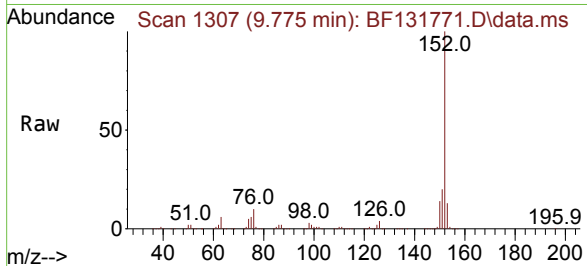




#49
Acenaphthylene
Concen: 38.195 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

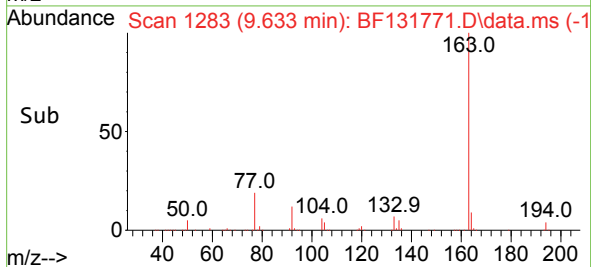
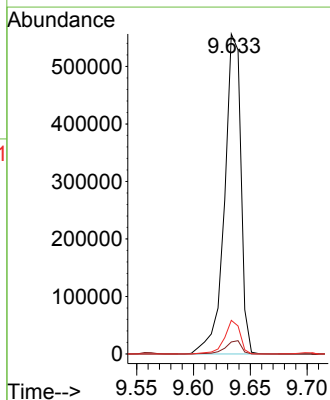
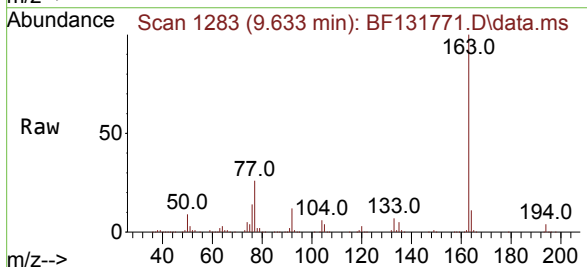
Instrument :
BNA_F
ClientSampleId :
PB149828BS

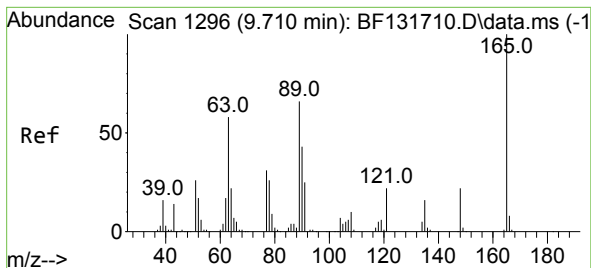
Tgt Ion:152 Resp: 706143
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 37.073 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:163 Resp: 558236
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.5 8.2 12.4

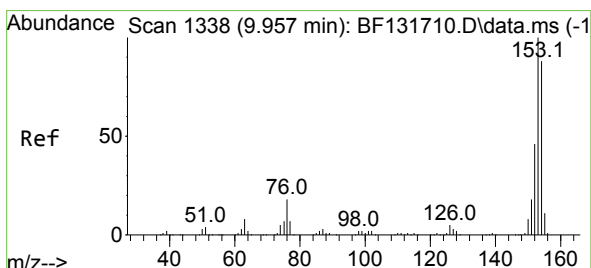
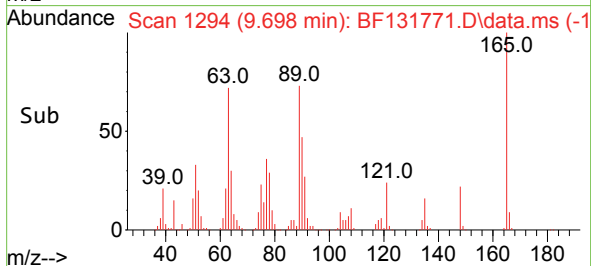
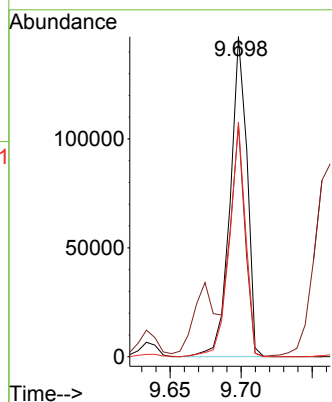
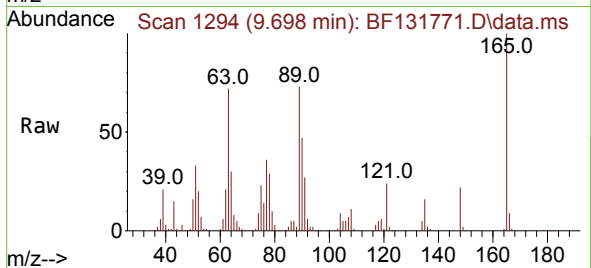




#51
 2,6-Dinitrotoluene
 Concen: 37.482 ng
 RT: 9.698 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

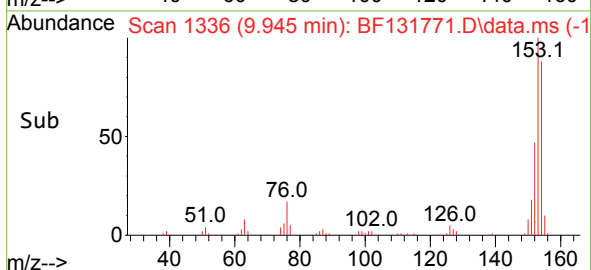
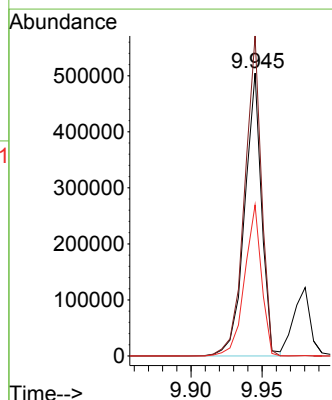
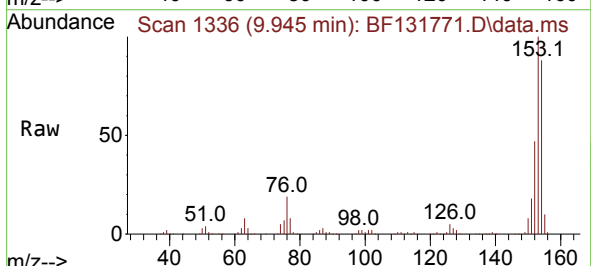
Instrument :
 BNA_F
 ClientSampleId :
 PB149828BS

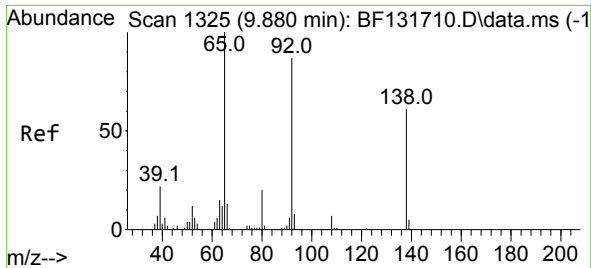
Tgt Ion:165 Resp: 121360
 Ion Ratio Lower Upper
 165 100
 63 72.3 51.8 77.8
 89 73.4 53.2 79.8



#52
 Acenaphthene
 Concen: 37.099 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. -0.000 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

Tgt Ion:154 Resp: 420164
 Ion Ratio Lower Upper
 154 100
 153 113.2 90.4 135.6
 152 53.4 42.0 63.0

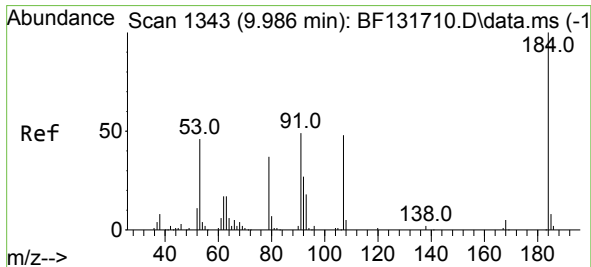
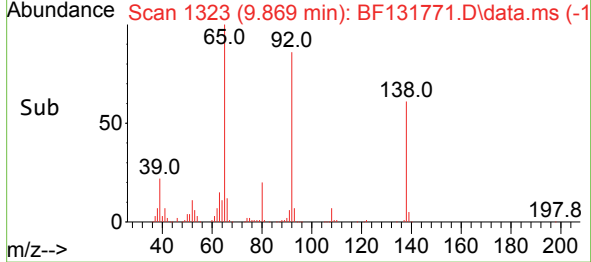
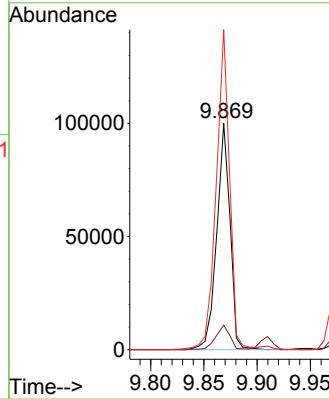
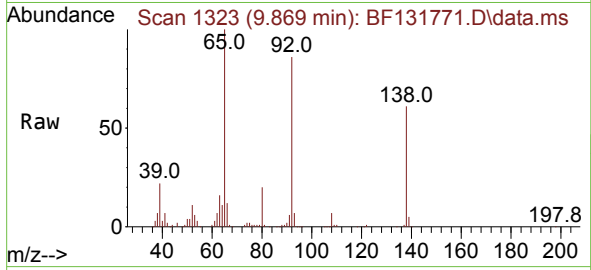




#53
3-Nitroaniline
Concen: 26.244 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

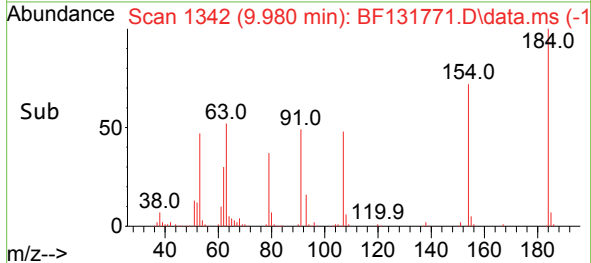
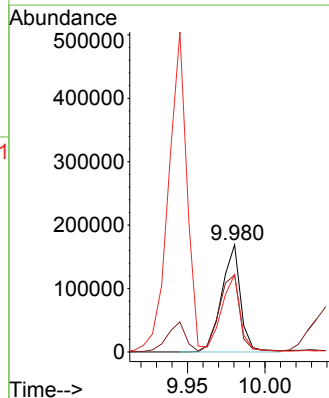
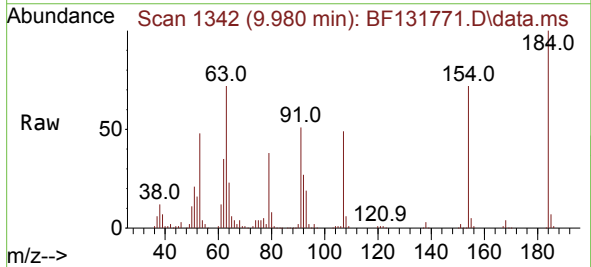
Instrument :
BNA_F
ClientSampleId :
PB149828BS

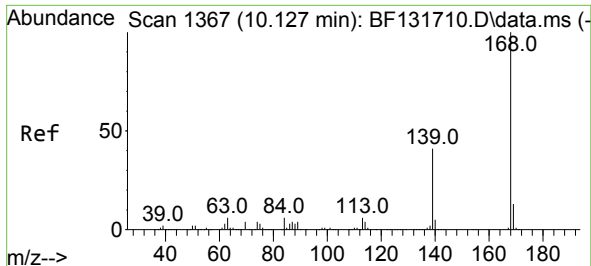
Tgt Ion:138 Resp: 86945
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 141.3 114.6 171.8



#54
2,4-Dinitrophenol
Concen: 74.094 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

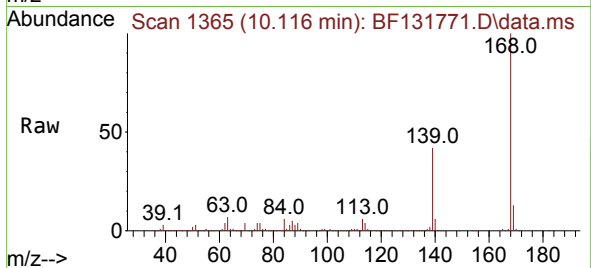
Tgt Ion:184 Resp: 143747
Ion Ratio Lower Upper
184 100
63 71.8 55.8 83.8
154 72.2 57.1 85.7



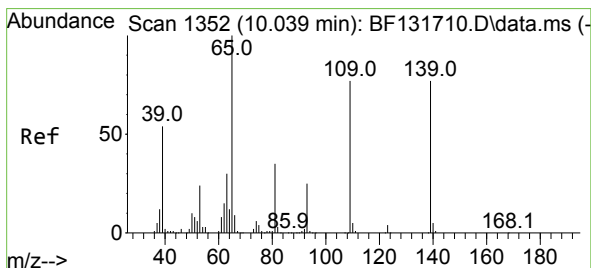
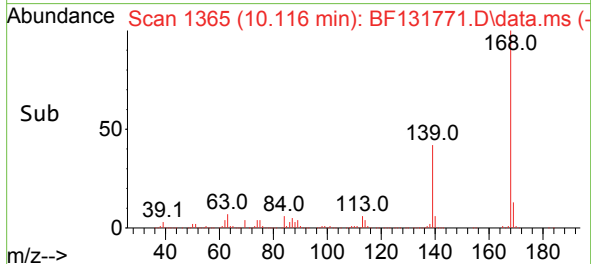
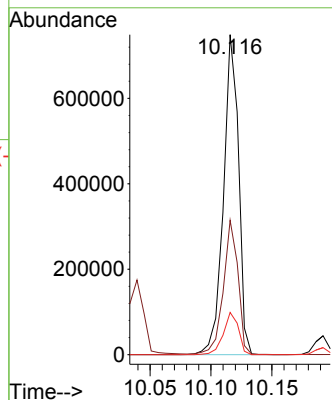


#55
Dibenzenofuran
Concen: 37.258 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Instrument :
BNA_F
ClientSampleId :
PB149828BS

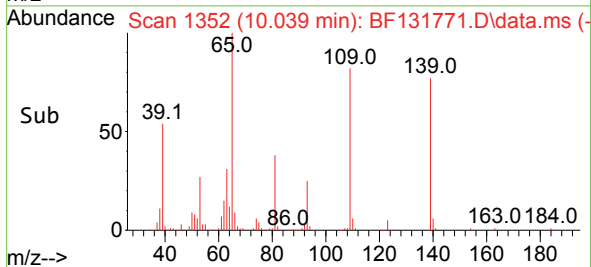
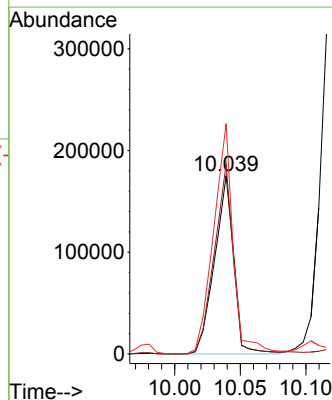
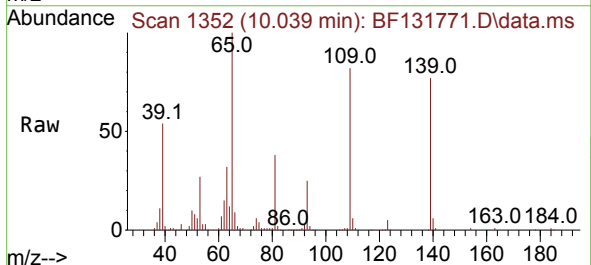


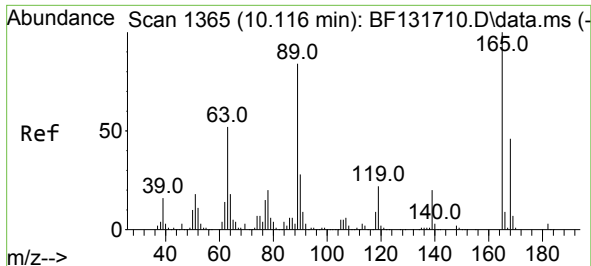
Tgt Ion:168 Resp: 647036
Ion Ratio Lower Upper
168 100
139 42.0 32.7 49.1
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 75.231 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:139 Resp: 178387
Ion Ratio Lower Upper
139 100
109 106.5 79.9 119.9
65 129.4 110.2 150.2

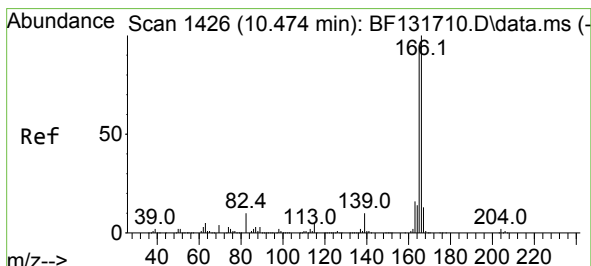
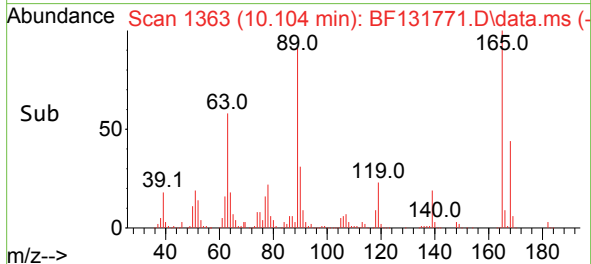
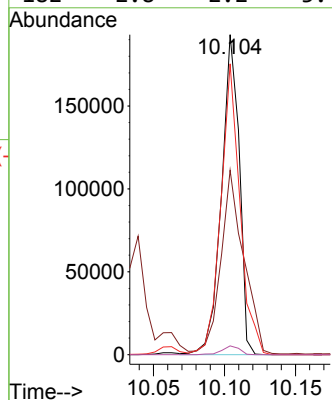
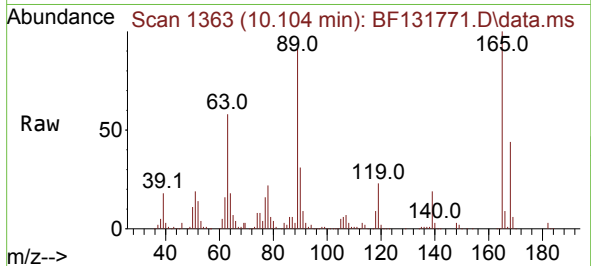




#57
2,4-Dinitrotoluene
Concen: 38.488 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

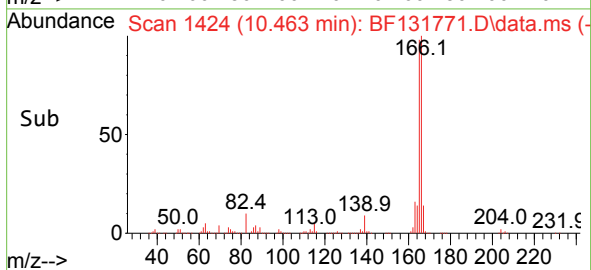
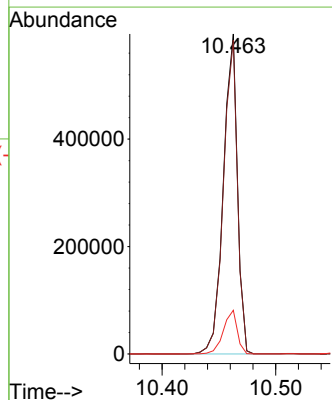
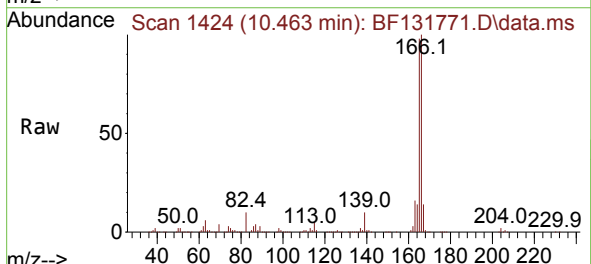
Instrument :
BNA_F
ClientSampleId :
PB149828BS

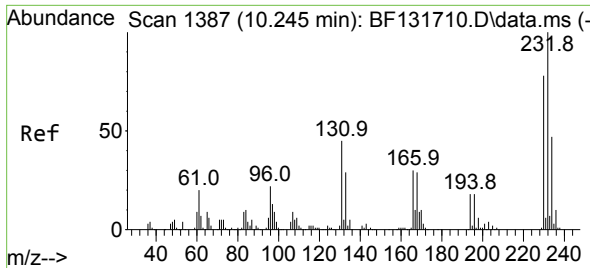
Tgt Ion:165 Resp: 167453
Ion Ratio Lower Upper
165 100
63 57.7 41.5 62.3
89 90.9 67.0 100.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 36.598 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:166 Resp: 513866
Ion Ratio Lower Upper
166 100
165 98.1 75.8 113.8
167 13.6 10.6 15.8

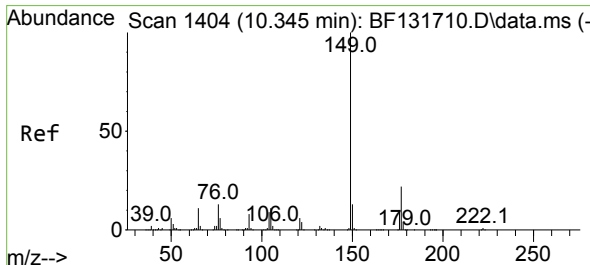
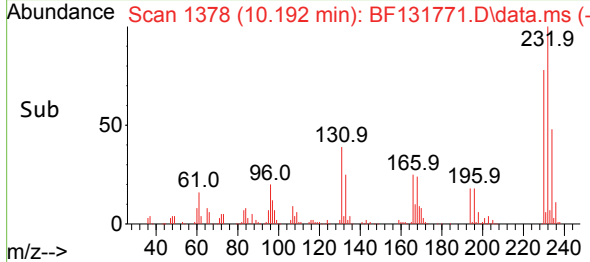
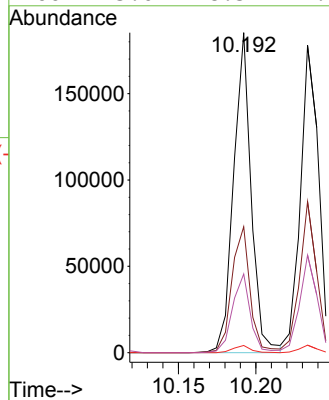
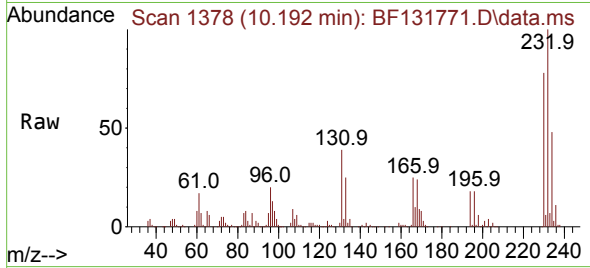




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.144 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

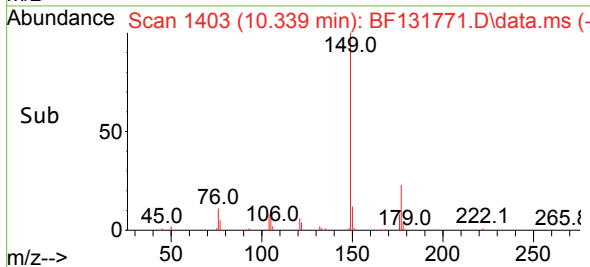
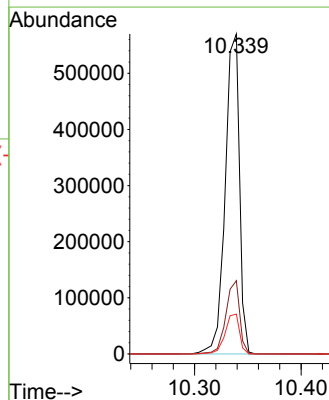
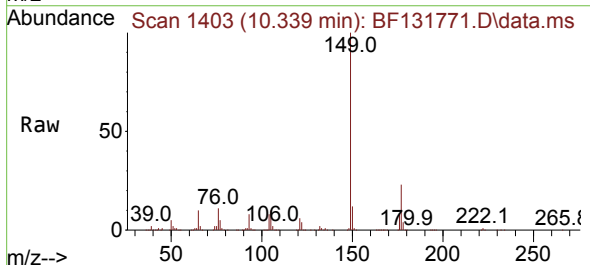
Instrument :
BNA_F
ClientSampleId :
PB149828BS

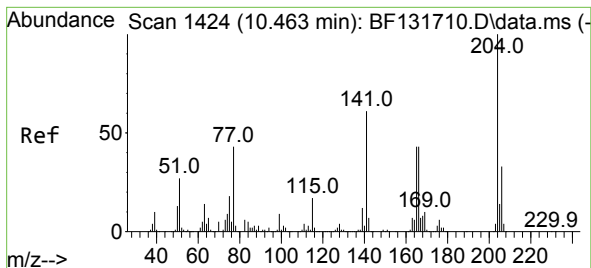
Tgt Ion:232 Resp: 146098
Ion Ratio Lower Upper
232 100
131 41.1 29.9 44.9
130 2.2 1.7 2.5
166 25.0 18.5 27.7



#60
Diethylphthalate
Concen: 36.474 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:149 Resp: 529215
Ion Ratio Lower Upper
149 100
177 22.9 17.4 26.0
150 12.5 10.2 15.2

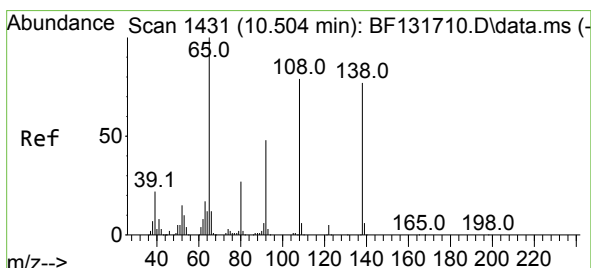
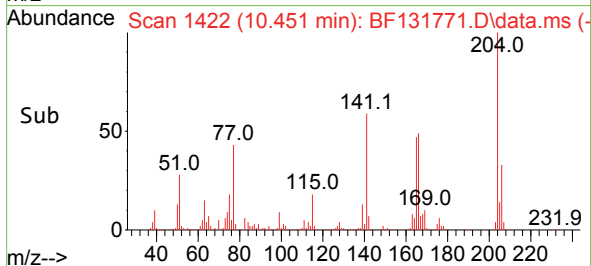
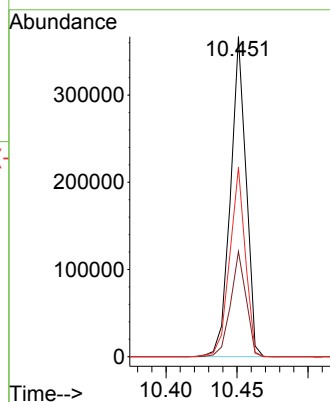
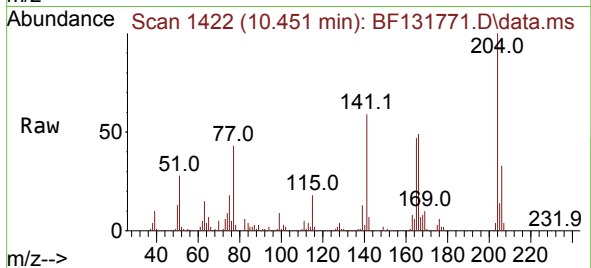




#61
4-Chlorophenyl-phenylether
Concen: 37.444 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

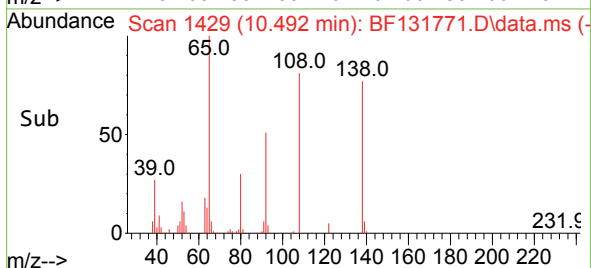
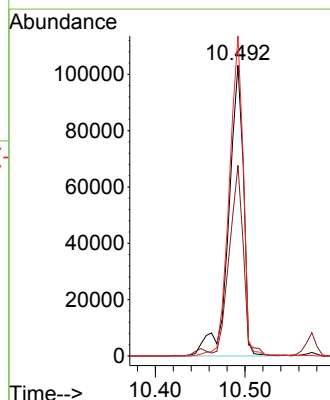
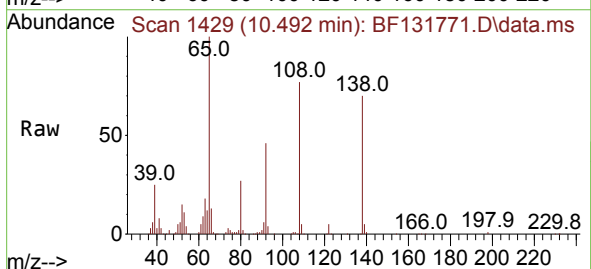
Instrument :
BNA_F
ClientSampleId :
PB149828BS

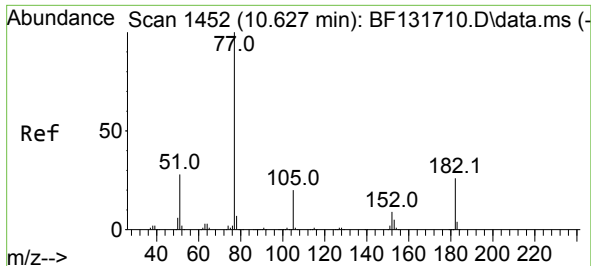
Tgt Ion:204 Resp: 279436
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 59.2 48.6 72.8



#62
4-Nitroaniline
Concen: 35.346 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:138 Resp: 117854
Ion Ratio Lower Upper
138 100
92 65.5 42.1 82.1
108 110.0 83.1 123.1

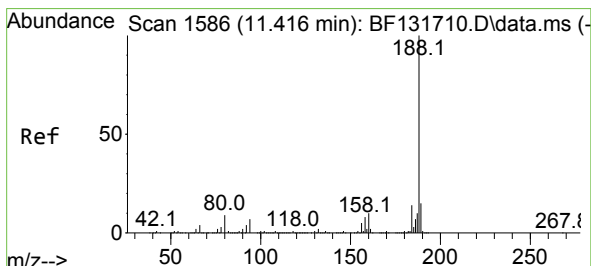
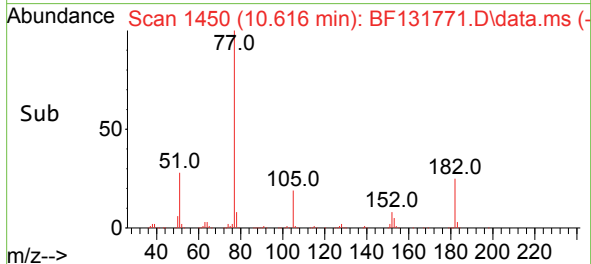
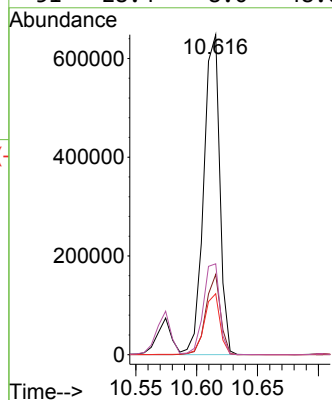
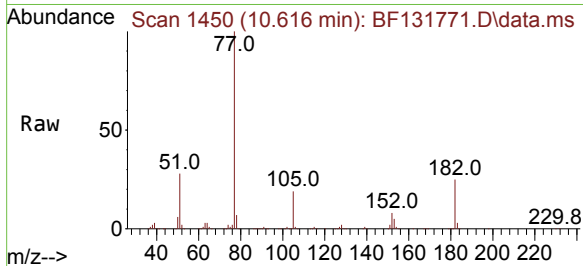




#63
 Azobenzene
 Concen: 37.099 ng
 RT: 10.616 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

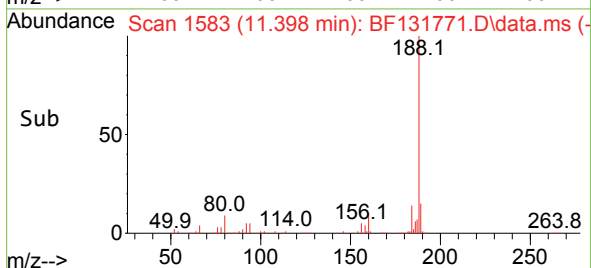
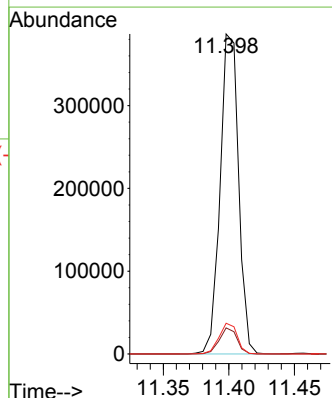
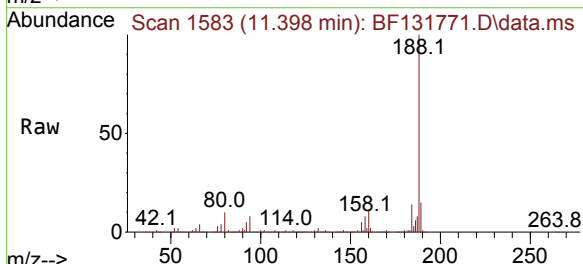
Instrument :
 BNA_F
 ClientSampleId :
 PB149828BS

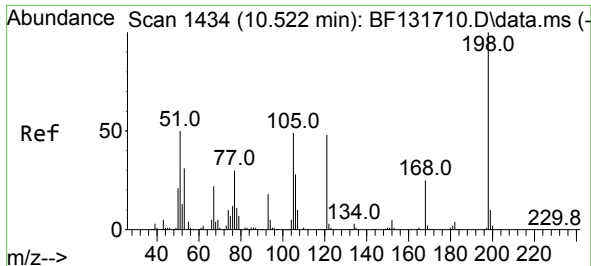
Tgt Ion: 77	Resp: 591110
Ion Ratio	Lower Upper
77 100	
182 25.0	5.8 45.8
105 19.0	0.0 39.7
51 28.4	8.0 48.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

Tgt Ion: 188	Resp: 377293
Ion Ratio	Lower Upper
188 100	
94 8.2	5.9 8.9
80 9.6	7.0 10.6

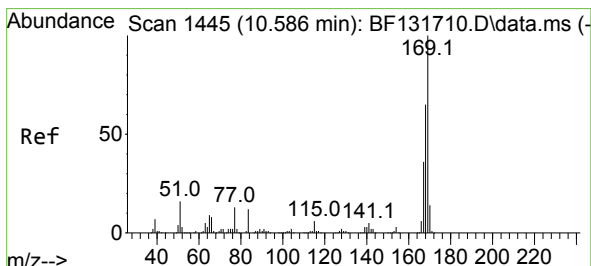
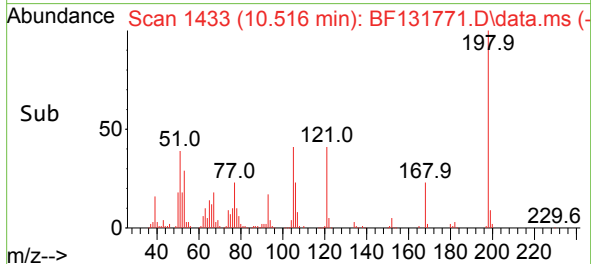
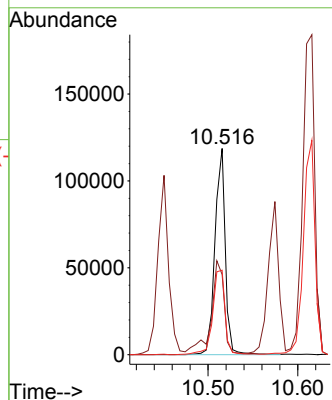
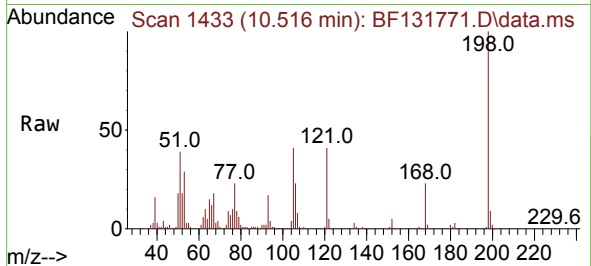




#65
4,6-Dinitro-2-methylphenol
Concen: 36.716 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

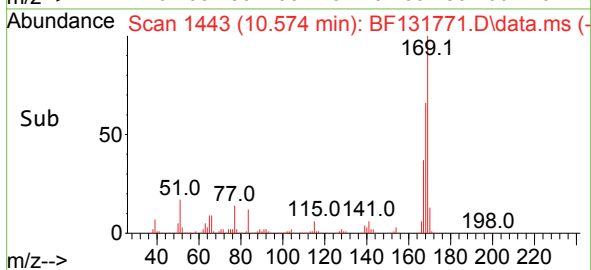
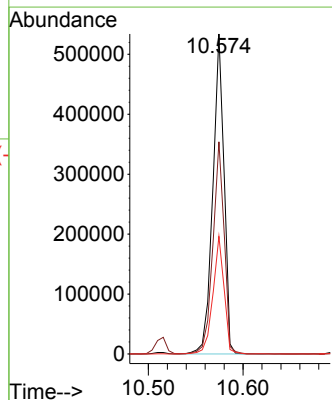
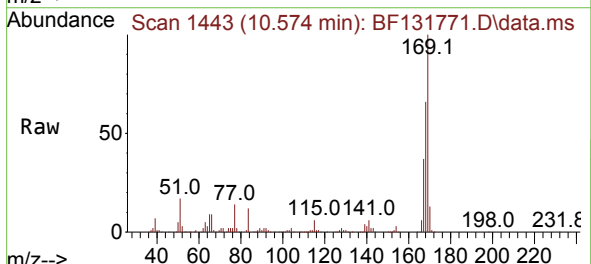
Instrument :
BNA_F
ClientSampleId :
PB149828BS

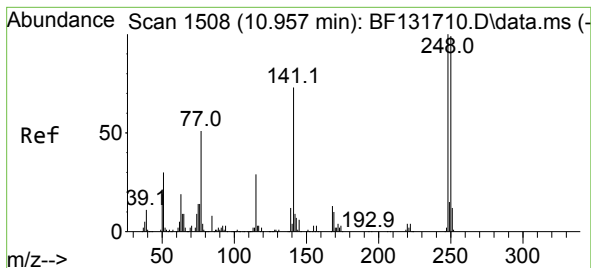
Tgt Ion:198 Resp: 95106
Ion Ratio Lower Upper
198 100
51 38.8 34.1 74.1
105 41.0 29.7 69.7



#66
n-Nitrosodiphenylamine
Concen: 37.524 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

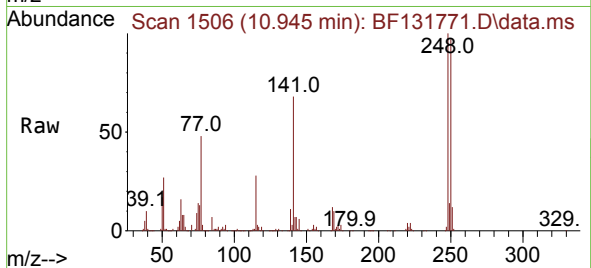
Tgt Ion:169 Resp: 439043
Ion Ratio Lower Upper
169 100
168 66.3 52.4 78.6
167 36.8 28.6 42.8



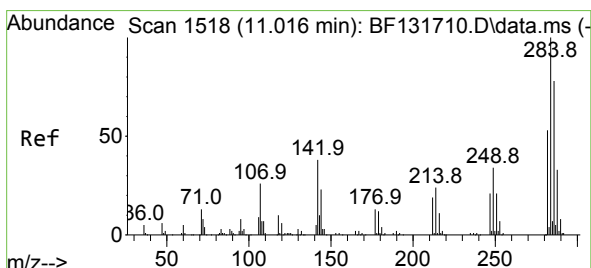
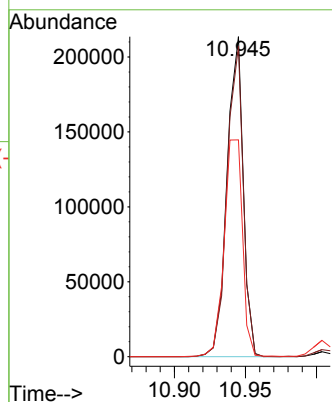
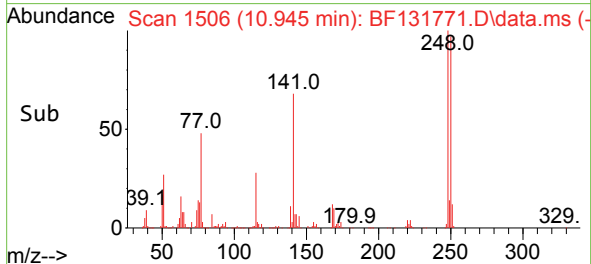


#67
4-Bromophenyl-phenylether
Concen: 37.976 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

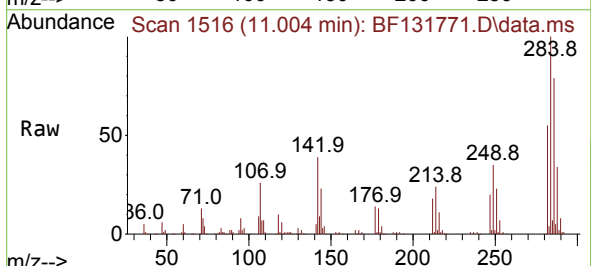
Instrument :
BNA_F
ClientSampleId :
PB149828BS



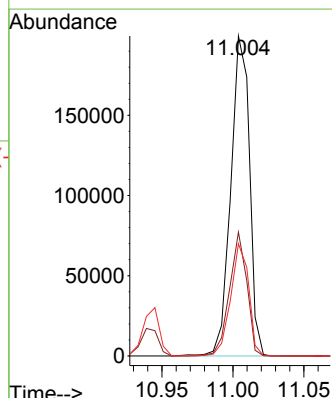
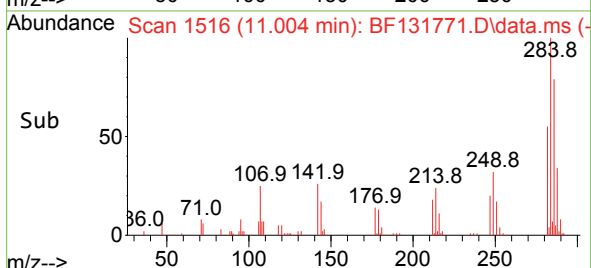
Tgt Ion:248 Resp: 169226
Ion Ratio Lower Upper
248 100
250 96.9 79.4 119.0
141 67.8 58.1 87.1

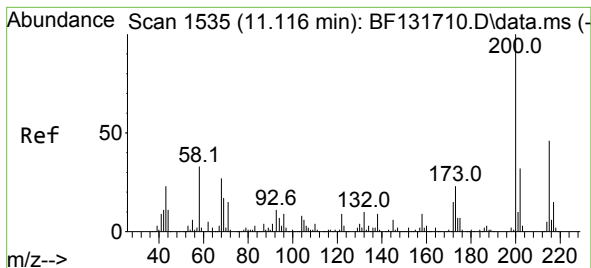


#68
Hexachlorobenzene
Concen: 37.333 ng
RT: 11.004 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36



Tgt Ion:284 Resp: 182963
Ion Ratio Lower Upper
284 100
142 38.7 30.2 45.4
249 35.1 27.2 40.8





#69

Atrazine

Concen: 35.796 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

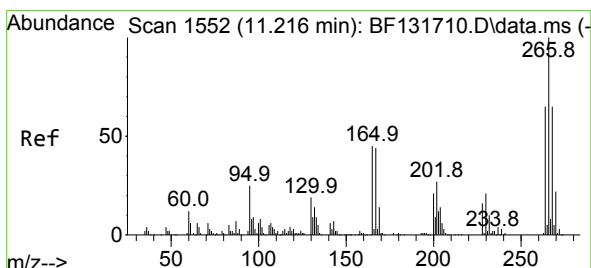
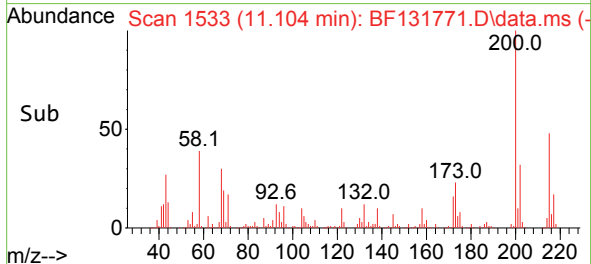
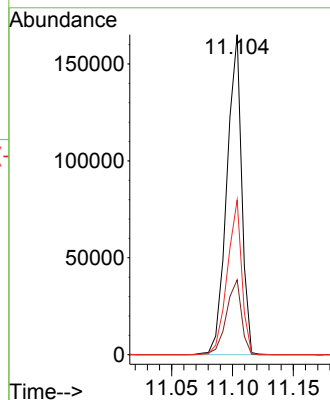
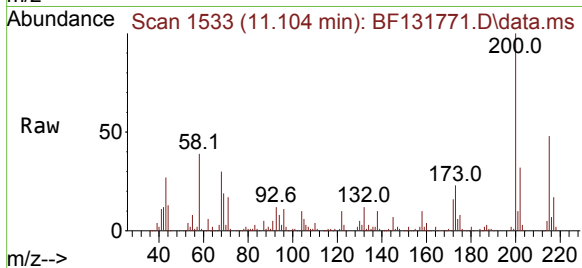
Tgt Ion:200 Resp: 139612

Ion Ratio Lower Upper

200 100

173 23.4 2.7 42.7

215 48.4 26.4 66.4



#70

Pentachlorophenol

Concen: 77.711 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

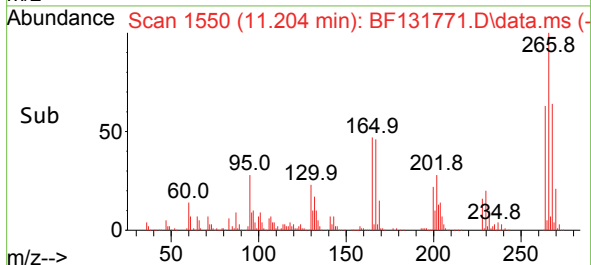
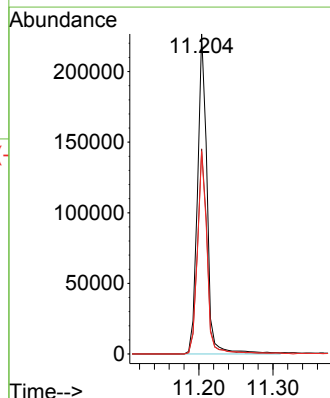
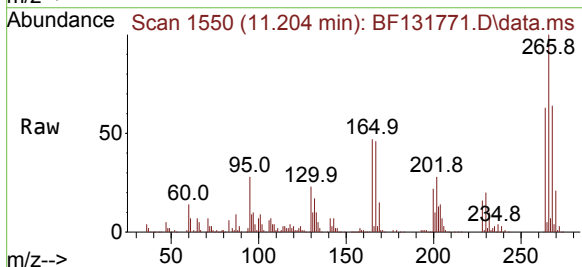
Tgt Ion:266 Resp: 202138

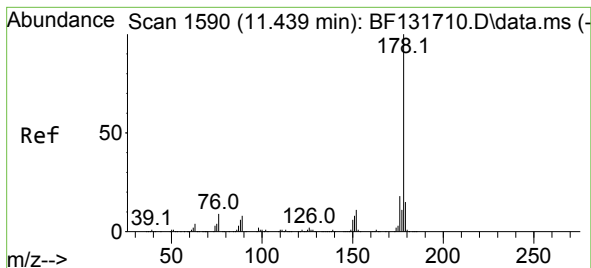
Ion Ratio Lower Upper

266 100

268 64.1 52.2 78.4

264 63.3 52.0 78.0





#71

Phenanthrene

Concen: 36.872 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

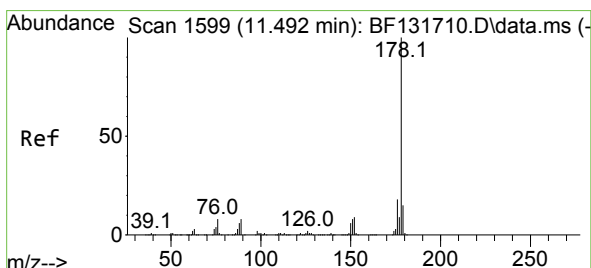
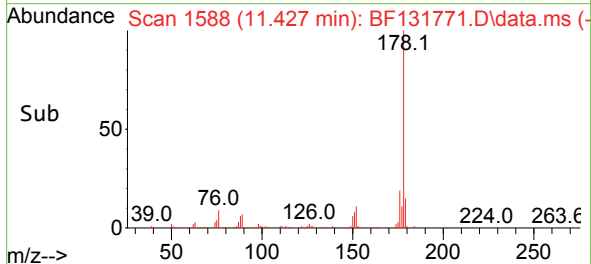
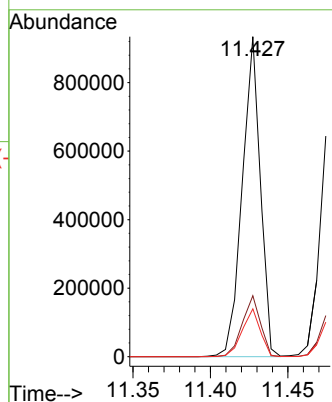
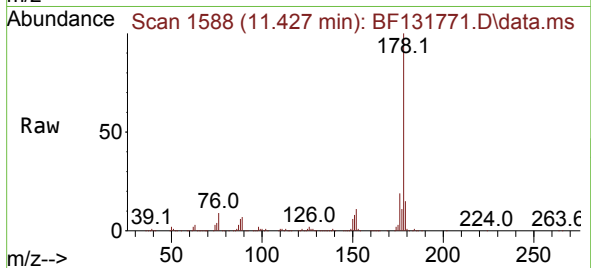
Tgt Ion:178 Resp: 758576

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 14.9 12.2 18.4



#72

Anthracene

Concen: 38.060 ng

RT: 11.480 min Scan# 1597

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

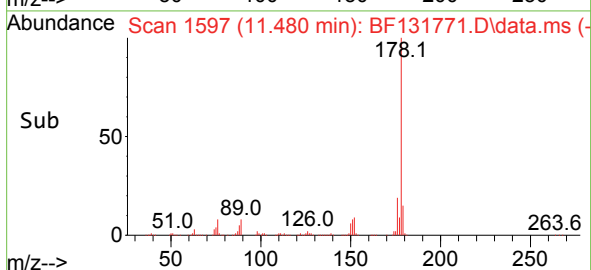
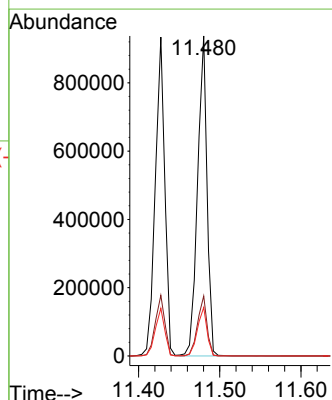
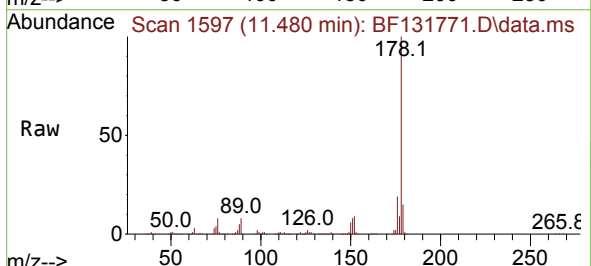
Tgt Ion:178 Resp: 766680

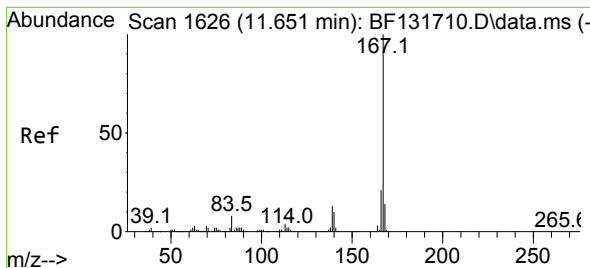
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.2 12.2 18.4





#73

Carbazole

Concen: 38.538 ng

RT: 11.639 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

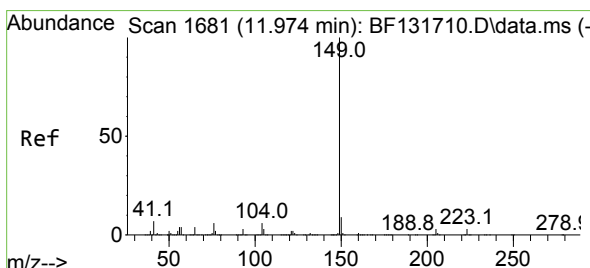
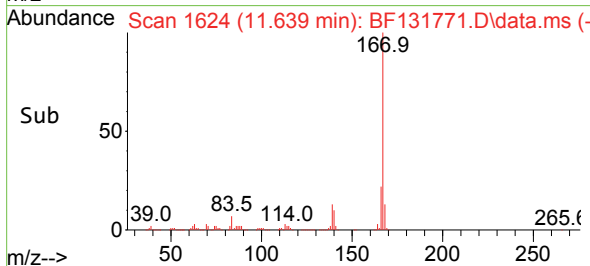
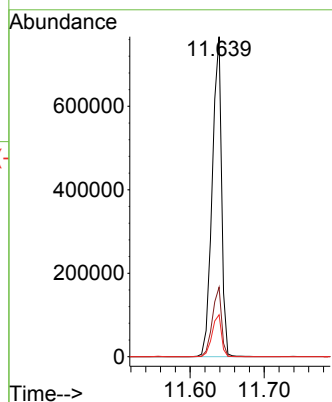
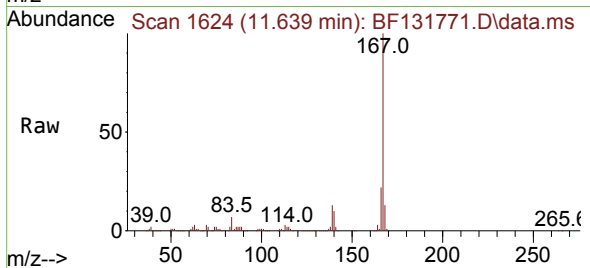
Tgt Ion:167 Resp: 671643

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 36.515 ng

RT: 11.963 min Scan# 1679

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

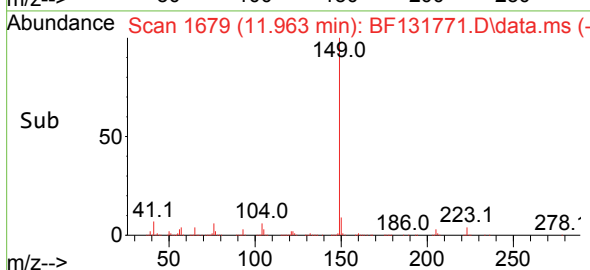
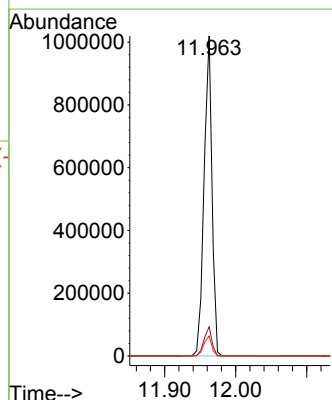
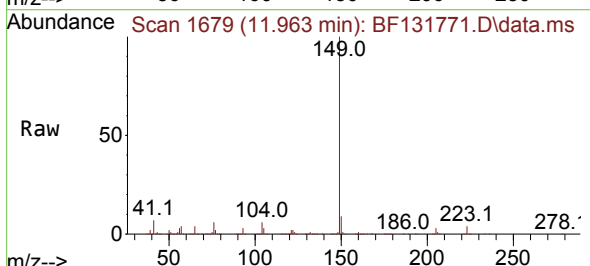
Tgt Ion:149 Resp: 792409

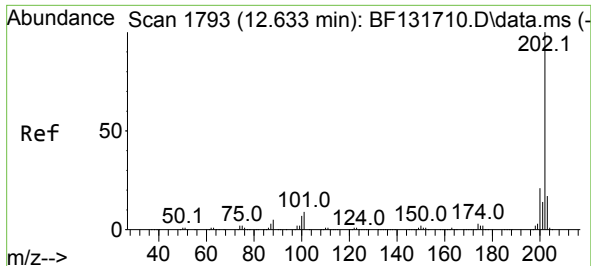
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

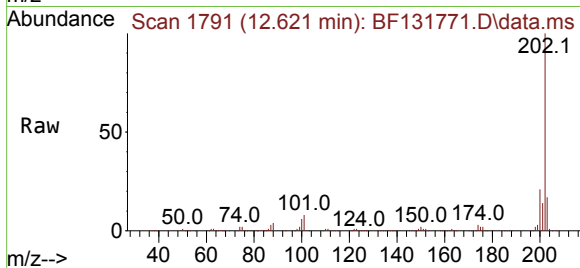
104 6.3 5.0 7.4



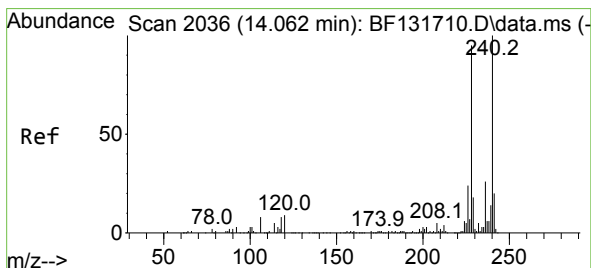
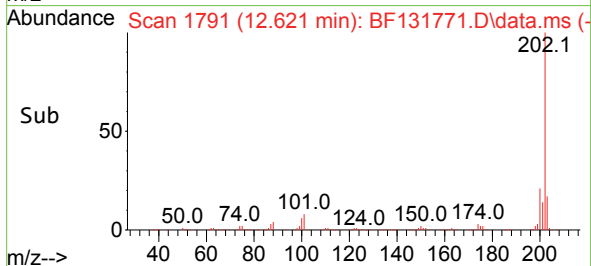
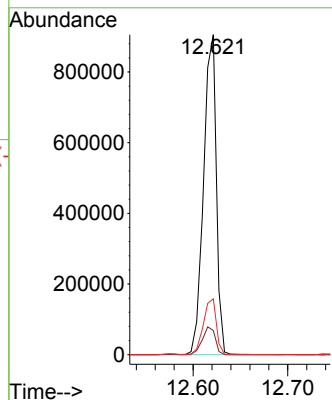


#75
Fluoranthene
Concen: 37.053 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Instrument :
BNA_F
ClientSampleId :
PB149828BS

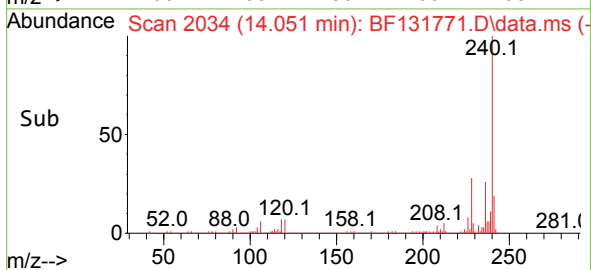
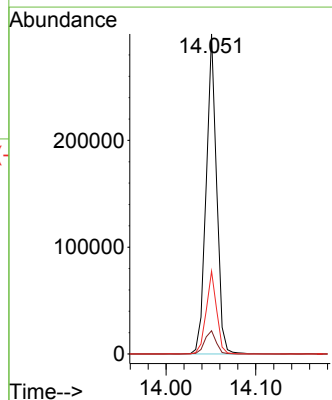
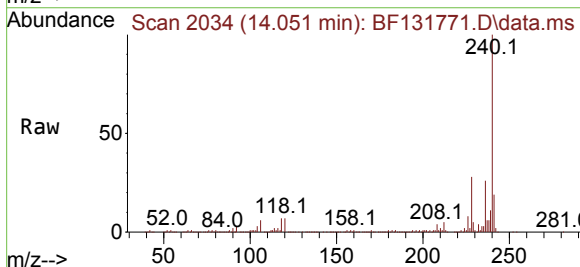


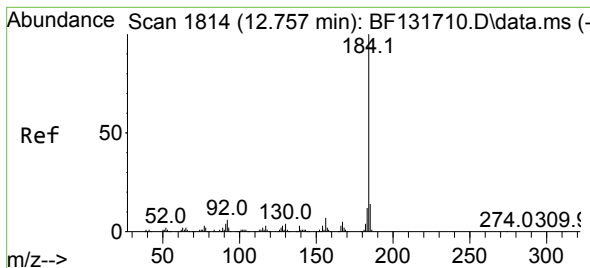
Tgt Ion:202 Resp: 848973
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.8
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:240 Resp: 242257
Ion Ratio Lower Upper
240 100
120 7.3 7.6 11.4#
236 25.9 21.2 31.8





#77

Benzidine

Concen: 46.632 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

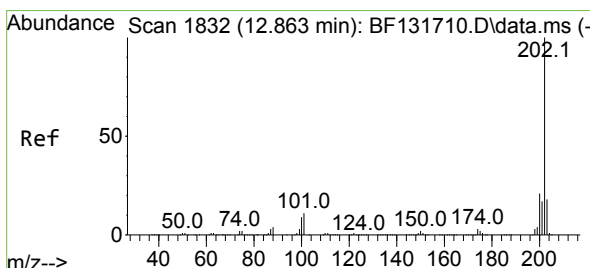
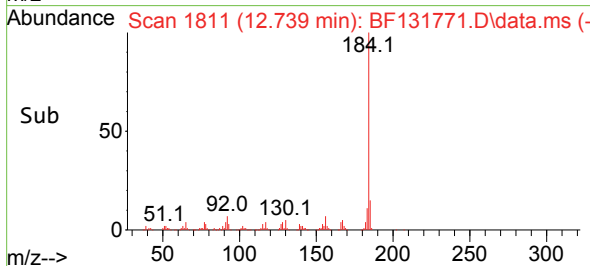
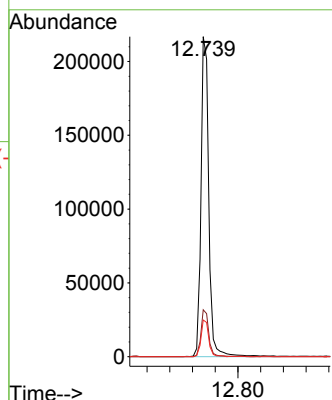
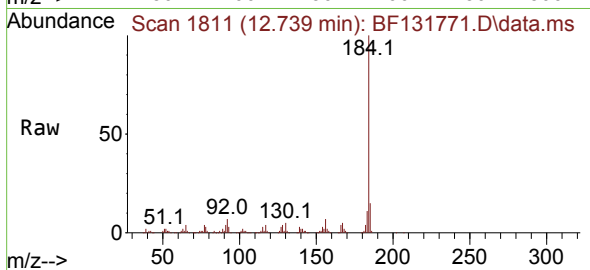
Tgt Ion:184 Resp: 207150

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

183 11.4 9.3 13.9



#78

Pyrene

Concen: 38.743 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

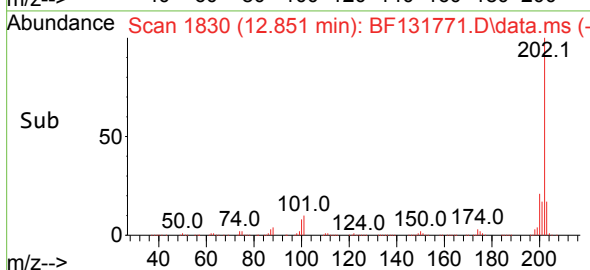
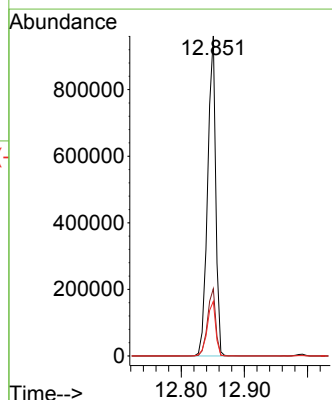
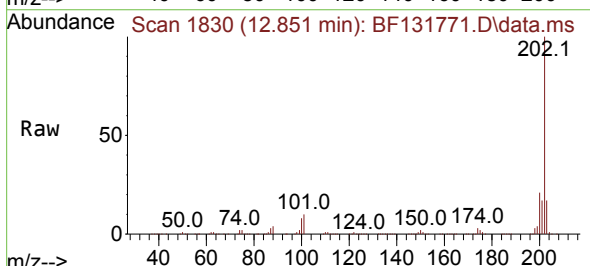
Tgt Ion:202 Resp: 853341

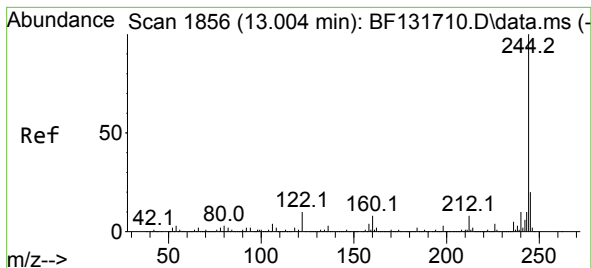
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.1 14.1 21.1





#79

Terphenyl-d14

Concen: 79.207 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

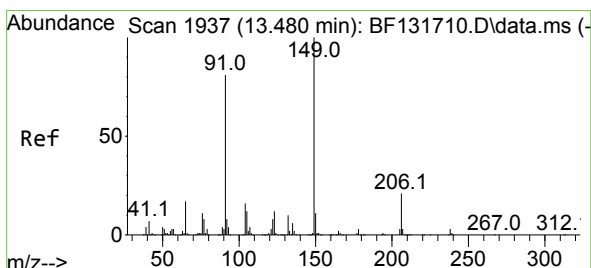
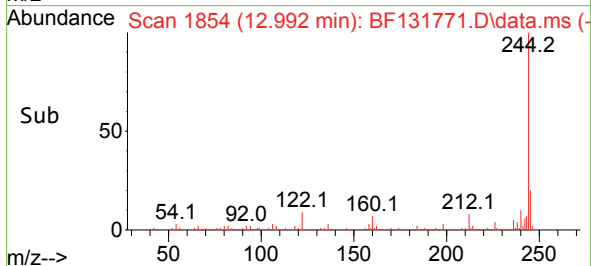
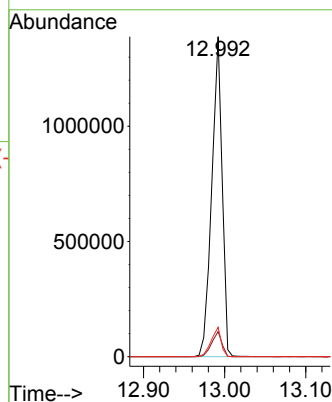
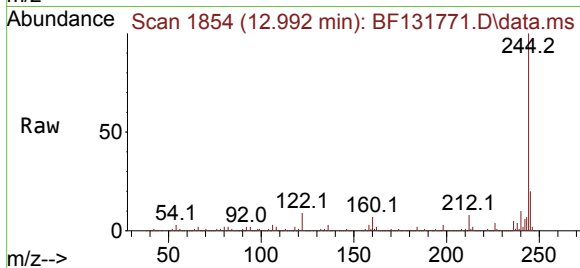
Tgt Ion:244 Resp: 1231196

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 37.976 ng

RT: 13.468 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

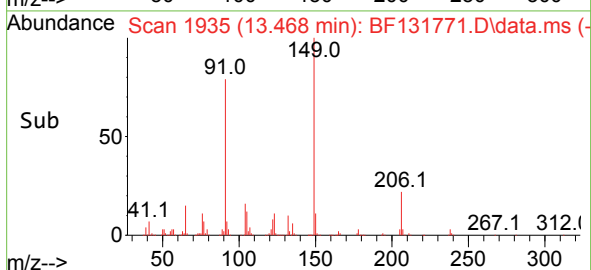
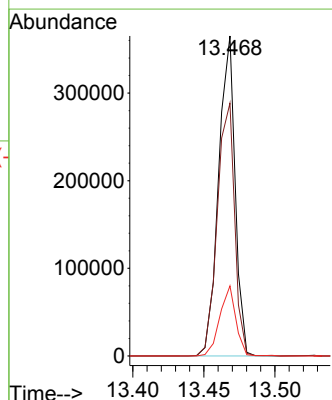
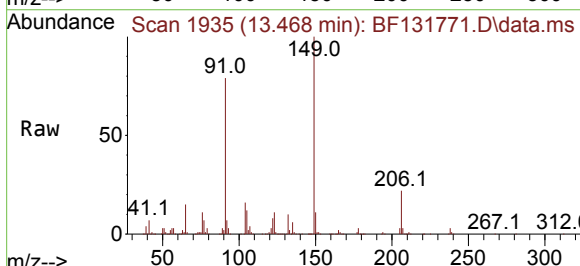
Tgt Ion:149 Resp: 295012

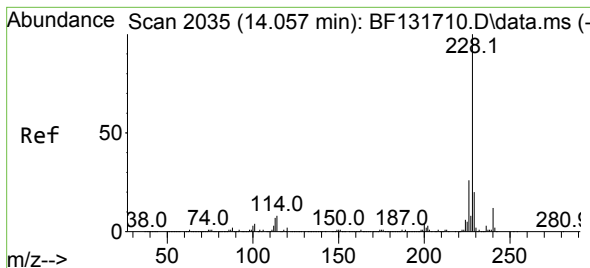
Ion Ratio Lower Upper

149 100

91 79.0 64.9 97.3

206 21.9 17.0 25.4





#81

Benzo(a)anthracene

Concen: 36.768 ng

RT: 14.039 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

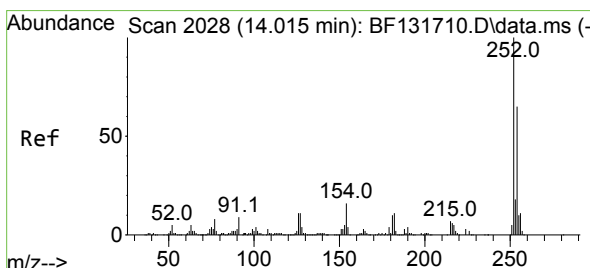
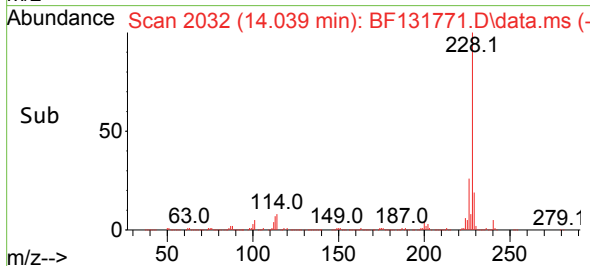
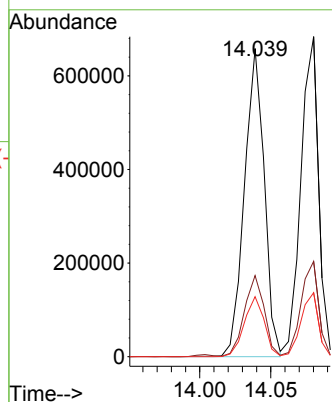
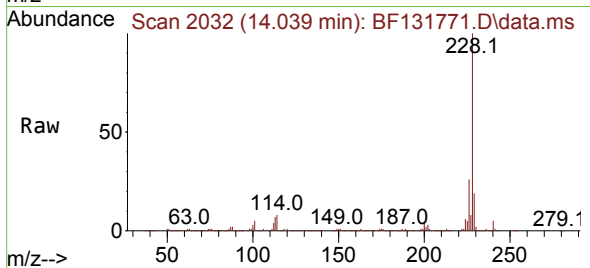
Tgt Ion:228 Resp: 641517

Ion Ratio Lower Upper

228 100

226 26.3 21.0 31.4

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.741 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

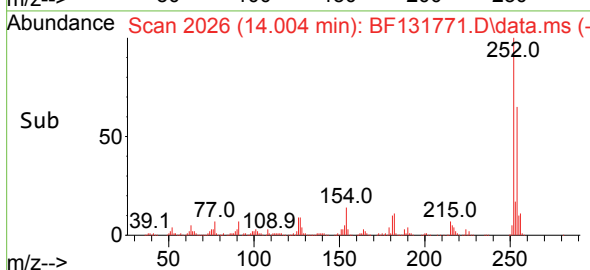
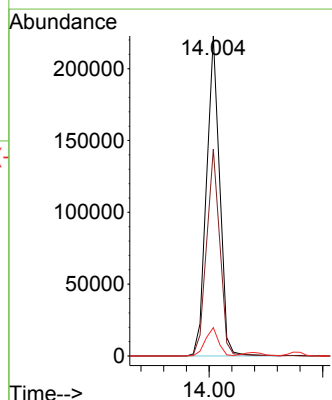
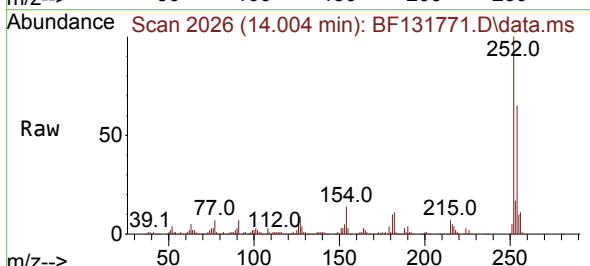
Tgt Ion:252 Resp: 178974

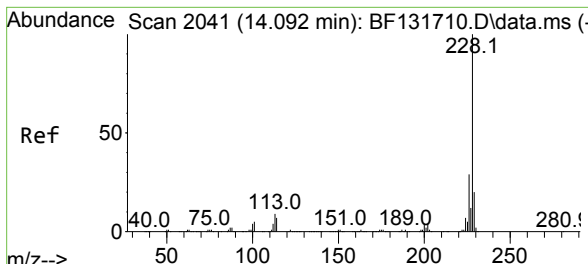
Ion Ratio Lower Upper

252 100

254 64.7 52.1 78.1

126 8.9 8.4 12.6

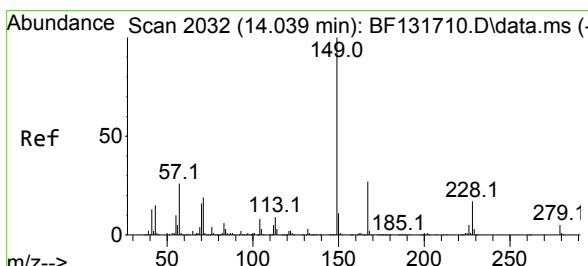
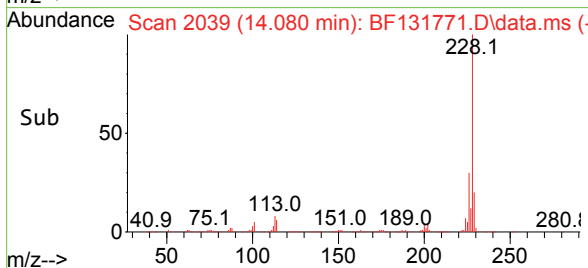
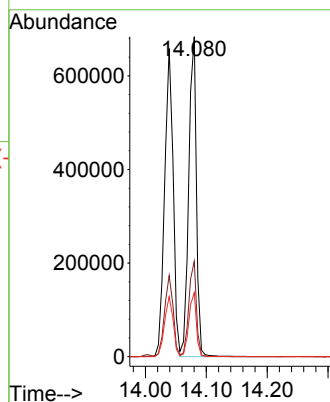
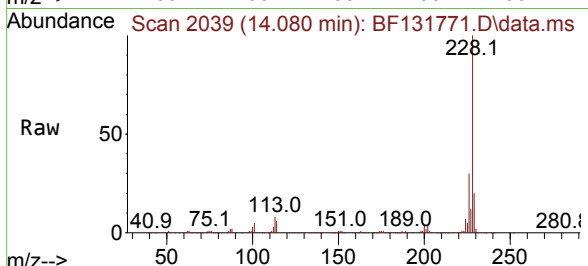




#83
 Chrysene
 Concen: 36.230 ng
 RT: 14.080 min Scan# 2041
 Delta R.T. 0.006 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

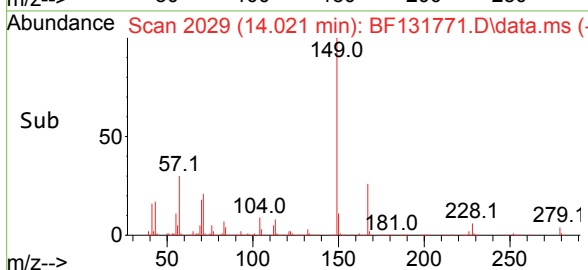
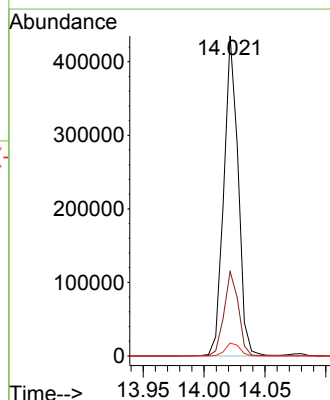
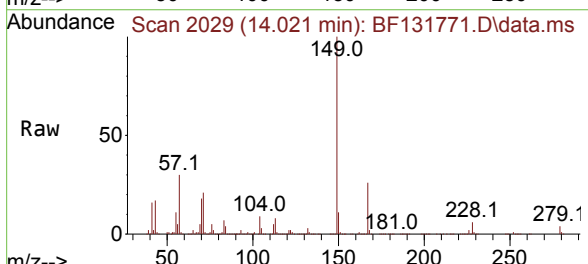
Instrument :
 BNA_F
 ClientSampleId :
 PB149828BS

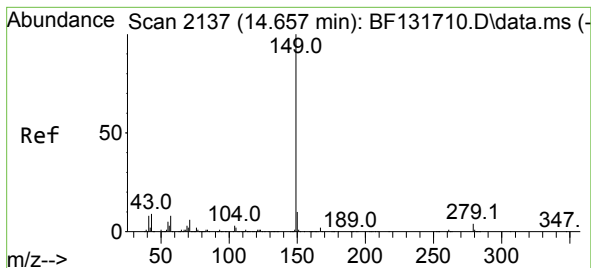
Tgt Ion:228	Resp: 596624
Ion Ratio	Lower Upper
228	100
226	29.8 23.5 35.3
229	20.0 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.485 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

Tgt Ion:149	Resp: 356492
Ion Ratio	Lower Upper
149	100
167	26.4 21.7 32.5
279	4.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 36.781 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

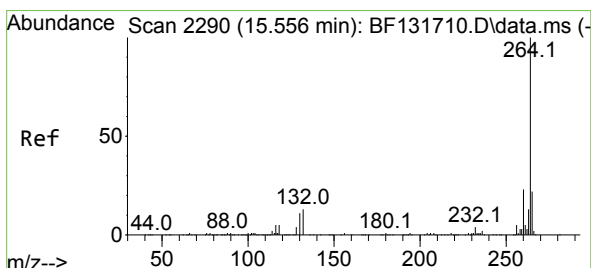
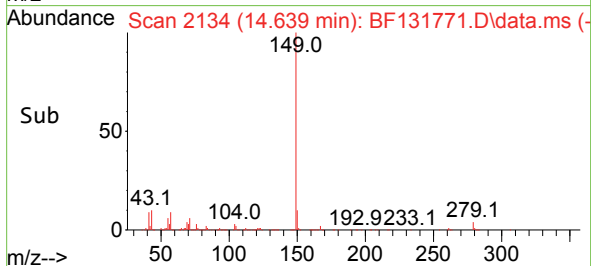
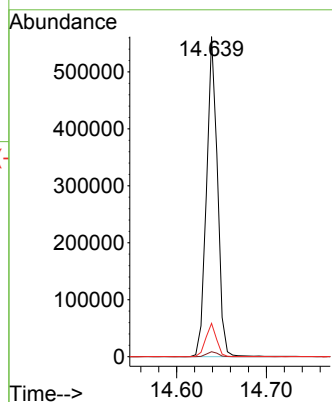
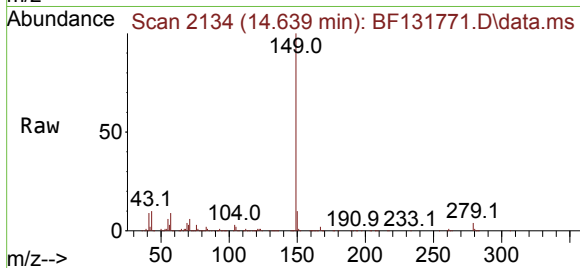
Tgt Ion:149 Resp: 475599

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.3 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

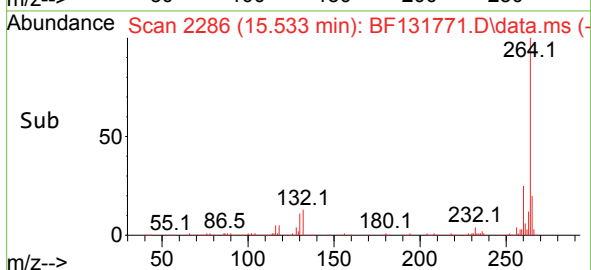
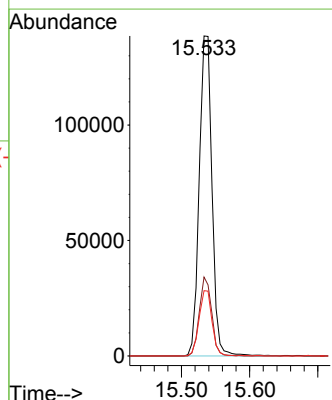
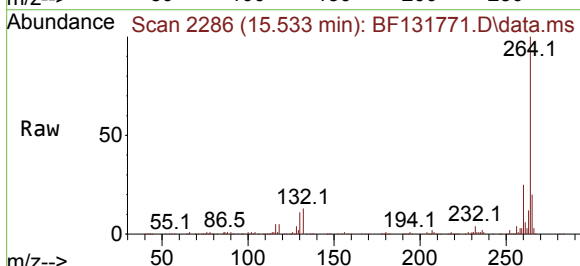
Tgt Ion:264 Resp: 180242

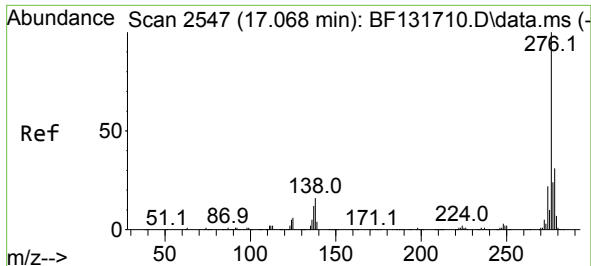
Ion Ratio Lower Upper

264 100

260 24.7 18.6 28.0

265 20.4 17.4 26.2

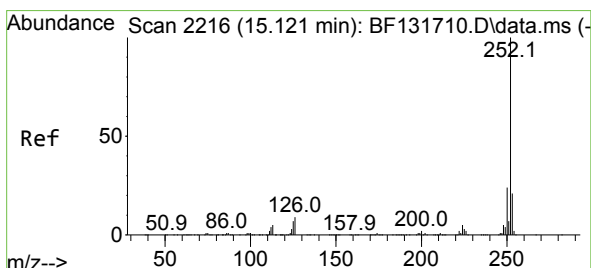
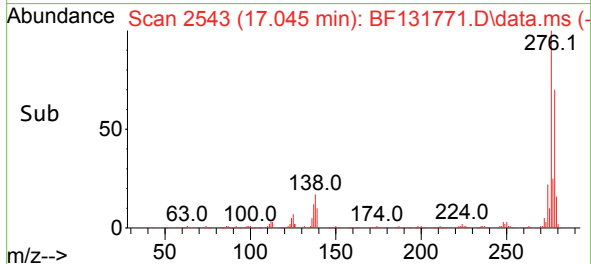
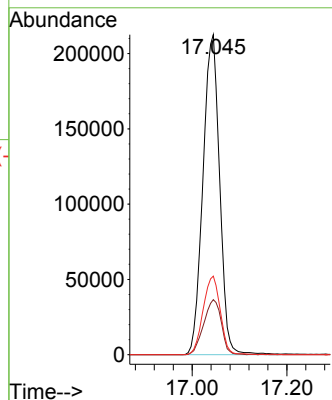
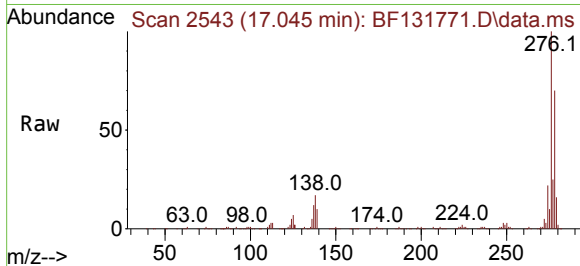




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.986 ng
 RT: 17.045 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

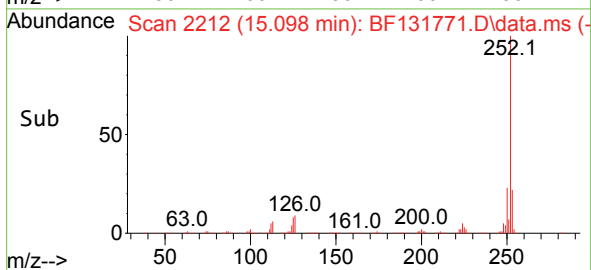
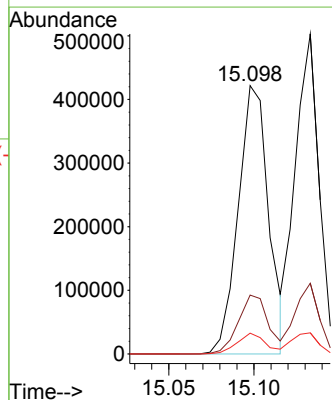
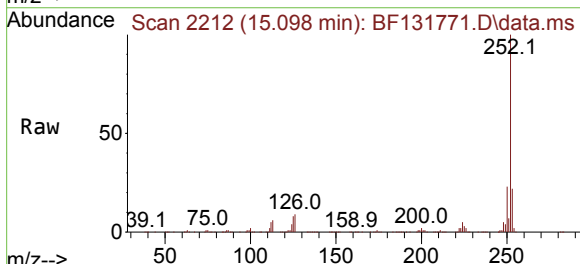
Instrument :
 BNA_F
 ClientSampleId :
 PB149828BS

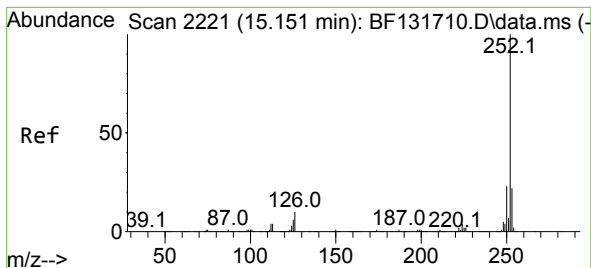
Tgt Ion:276 Resp: 520414
 Ion Ratio Lower Upper
 276 100
 138 18.1 14.4 21.6
 277 25.2 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 41.057 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: BF131771.D
 Acq: 22 Dec 2022 11:36

Tgt Ion:252 Resp: 523560
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.2 25.8
 125 7.8 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 39.813 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB149828BS

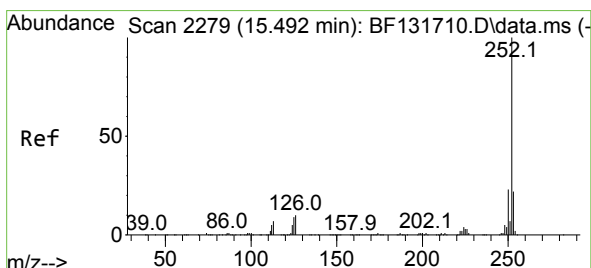
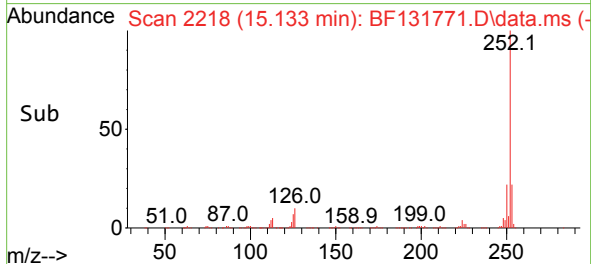
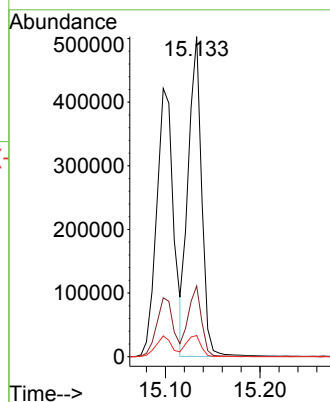
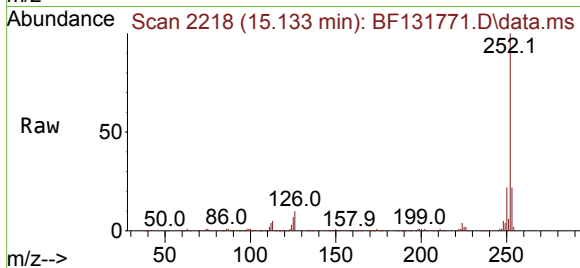
Tgt Ion:252 Resp: 495400

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 6.6 5.2 7.8



#90

Benzo(a)pyrene

Concen: 43.509 ng

RT: 15.474 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF131771.D

Acq: 22 Dec 2022 11:36

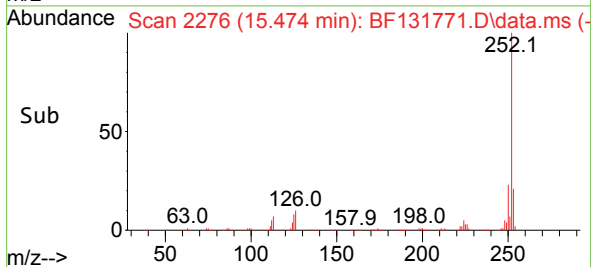
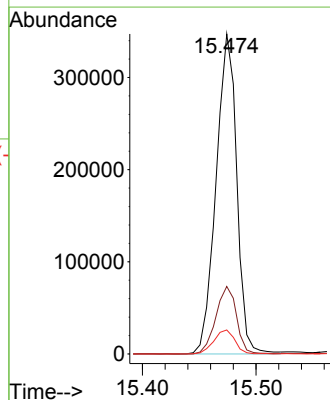
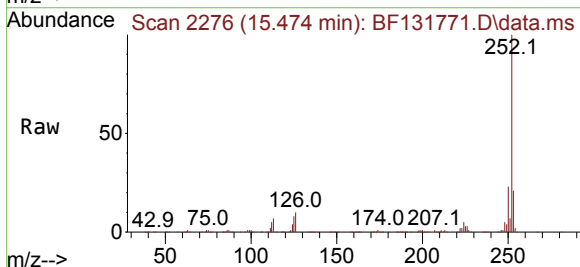
Tgt Ion:252 Resp: 439482

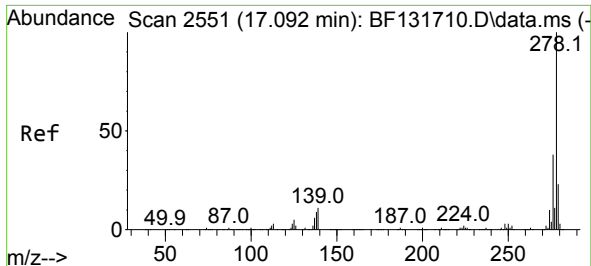
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 7.5 7.0 10.4

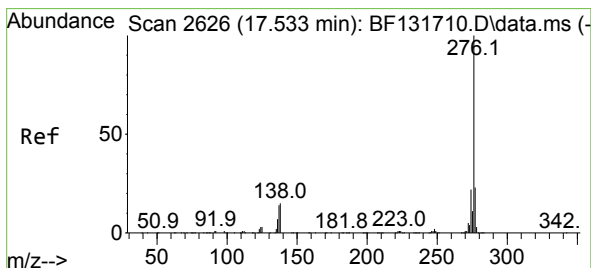
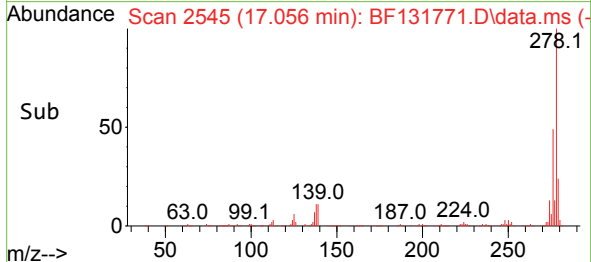
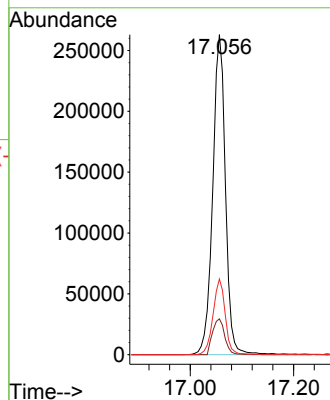
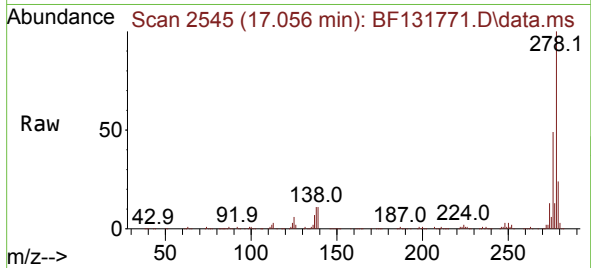




#91
Dibenzo(a,h)anthracene
Concen: 44.974 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Instrument :
BNA_F
ClientSampleId :
PB149828BS

Tgt Ion:278 Resp: 449961
Ion Ratio Lower Upper
278 100
139 11.2 8.7 13.1
279 23.6 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 44.921 ng
RT: 17.498 min Scan# 2620
Delta R.T. -0.000 min
Lab File: BF131771.D
Acq: 22 Dec 2022 11:36

Tgt Ion:276 Resp: 444212
Ion Ratio Lower Upper
276 100
277 24.1 18.3 27.5
138 15.7 12.3 18.5

