

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131807.D
 Acq On : 23 Dec 2022 15:30
 Operator : CG\JU
 Sample : PB149887BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149887BS

Quant Time: Dec 24 03:05:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	93833	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	377671	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	242649	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	463624	20.000	ng	0.00
76) Chrysene-d12	14.068	240	292664	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	185838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	803306	144.158	ng	0.02
7) Phenol-d6	6.492	99	1047562	139.669	ng	0.00
23) Nitrobenzene-d5	7.428	82	741056	79.657	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	366477	137.987	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1373543	79.295	ng	0.00
79) Terphenyl-d14	13.010	244	1768148	94.159	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	91231	35.035	ng	97
3) Pyridine	3.398	79	243195	32.753	ng	98
4) n-Nitrosodimethylamine	3.375	42	146358	43.567	ng	92
6) Aniline	6.516	93	223080	24.092	ng	95
8) 2-Chlorophenol	6.634	128	280434	46.855	ng	99
9) Benzaldehyde	6.398	77	8527	Below Cal		89
10) Phenol	6.504	94	386806	43.195	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	320480	50.011	ng	98
12) 1,3-Dichlorobenzene	6.792	146	294021	43.458	ng	96
13) 1,4-Dichlorobenzene	6.869	146	301934	43.660	ng	98
14) 1,2-Dichlorobenzene	7.022	146	286842	44.299	ng	97
15) Benzyl Alcohol	7.004	79	214328	31.994	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	385436	47.171	ng	92
17) 2-Methylphenol	7.116	107	252975	44.773	ng	94
18) Hexachloroethane	7.363	117	124970	45.586	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	249341	46.095	ng	97
20) 3+4-Methylphenols	7.269	107	324953	44.686	ng	100
22) Acetophenone	7.269	105	463724	42.075	ng	# 93
24) Nitrobenzene	7.445	77	379574	40.134	ng	99
25) Isophorone	7.681	82	701696	44.414	ng	99
26) 2-Nitrophenol	7.757	139	157540	42.622	ng	98
27) 2,4-Dimethylphenol	7.798	122	266190	50.564	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	395746	47.170	ng	99
29) 2,4-Dichlorophenol	8.004	162	273671	43.062	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	303443	40.614	ng	100
31) Naphthalene	8.163	128	828988	40.192	ng	100
32) Benzoic acid	7.951	122	189251	44.910	ng	97
33) 4-Chloroaniline	8.216	127	92094	11.449	ng	97
34) Hexachlorobutadiene	8.275	225	200805	39.947	ng	97
35) Caprolactam	8.616	113	50548	26.378	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	322017	44.355	ng	98
37) 2-Methylnaphthalene	8.863	142	581656	41.342	ng	99
38) 1-Methylnaphthalene	8.963	142	543859	39.912	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	332602	40.064	ng	99
41) Hexachlorocyclopentadiene	9.010	237	377848	100.461	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	215845	39.801	ng	99

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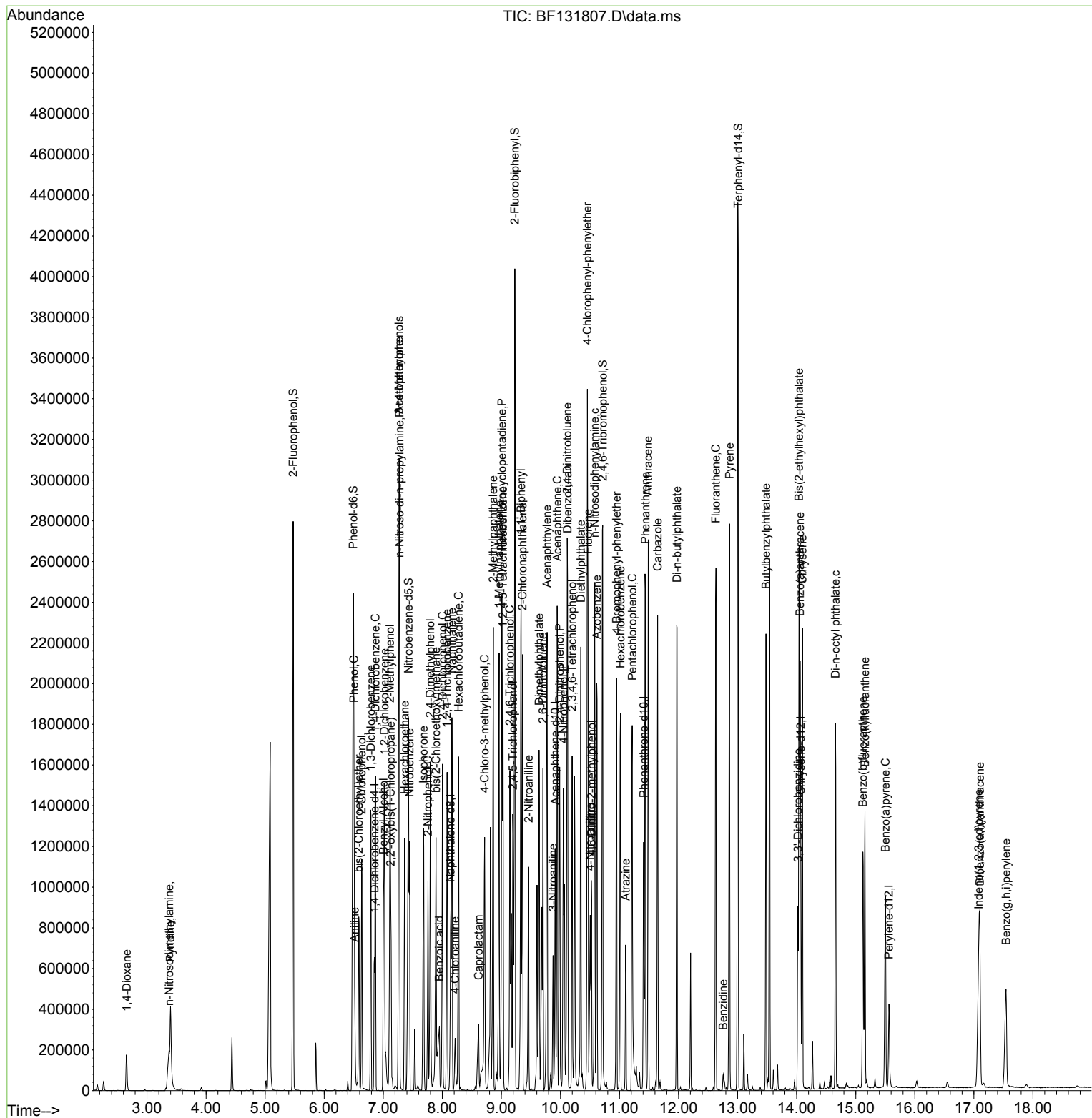
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	233447	39.764	ng	94
46) 1,1'-Biphenyl	9.333	154	751266	41.161	ng	99
47) 2-Chloronaphthalene	9.357	162	593306	39.698	ng	99
48) 2-Nitroaniline	9.463	65	217670	40.408	ng	99
49) Acenaphthylene	9.775	152	894104	39.886	ng	99
50) Dimethylphthalate	9.639	163	767738	42.049	ng	100
51) 2,6-Dinitrotoluene	9.704	165	167669	42.708	ng	98
52) Acenaphthene	9.945	154	534738	38.940	ng	99
53) 3-Nitroaniline	9.875	138	81926	20.395	ng	100
54) 2,4-Dinitrophenol	9.986	184	212067	90.150	ng	96
55) Dibenzofuran	10.122	168	834955	39.651	ng	99
56) 4-Nitrophenol	10.051	139	204502	71.128	ng	98
57) 2,4-Dinitrotoluene	10.116	165	224339	42.525	ng	95
58) Fluorene	10.469	166	685039	40.237	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	194910	39.768	ng	95
60) Diethylphthalate	10.345	149	751603	42.722	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	382192	42.237	ng	98
62) 4-Nitroaniline	10.504	138	132035	32.659	ng	93
63) Azobenzene	10.616	77	793635	41.080	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	137457	43.184	ng	84
66) n-Nitrosodiphenylamine	10.580	169	592090	41.182	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	234259	42.781	ng	99
68) Hexachlorobenzene	11.016	284	256298	42.558	ng	# 90
69) Atrazine	11.104	200	84360	17.602	ng	99
70) Pentachlorophenol	11.216	266	269368	84.274	ng	98
71) Phenanthrene	11.439	178	1005725	39.782	ng	99
72) Anthracene	11.486	178	1022977	41.327	ng	99
73) Carbazole	11.645	167	851962	39.782	ng	99
74) Di-n-butylphthalate	11.974	149	1190770	44.654	ng	99
75) Fluoranthene	12.633	202	1114566	39.586	ng	99
77) Benzidine	12.757	184	44525	8.297	ng	100
78) Pyrene	12.863	202	1106385	41.580	ng	100
80) Butylbenzylphthalate	13.480	149	446129	47.537	ng	97
81) Benzo(a)anthracene	14.057	228	842630	39.977	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	165990	28.207	ng	99
83) Chrysene	14.098	228	776725	39.043	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	619662	55.373	ng	99
85) Di-n-octyl phthalate	14.657	149	855106	54.740	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	563021	45.105	ng	99
88) Benzo(b)fluoranthene	15.121	252	622170	47.321	ng	98
89) Benzo(k)fluoranthene	15.157	252	579138	45.141	ng	99
90) Benzo(a)pyrene	15.504	252	492551	47.295	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	493262	47.817	ng	99
92) Benzo(g,h,i)perylene	17.545	276	462610	45.372	ng	98

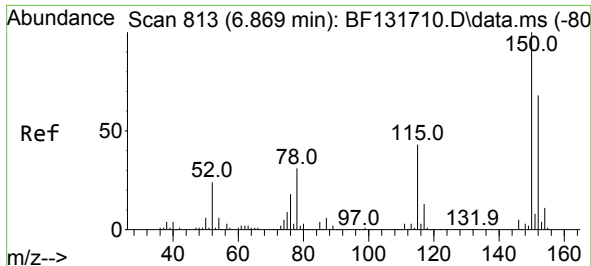
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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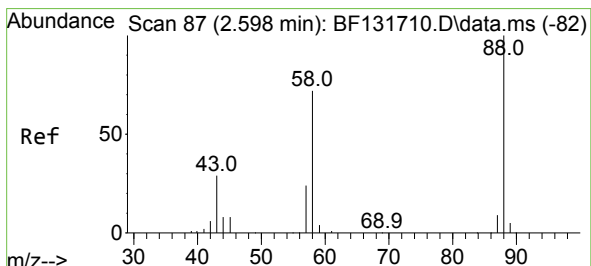
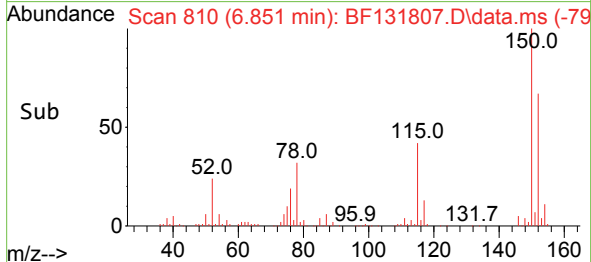
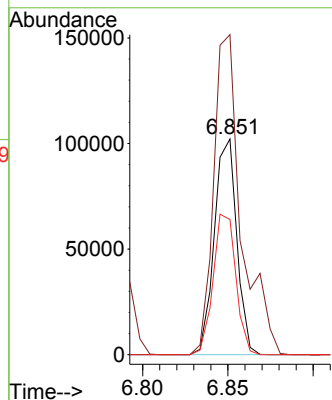
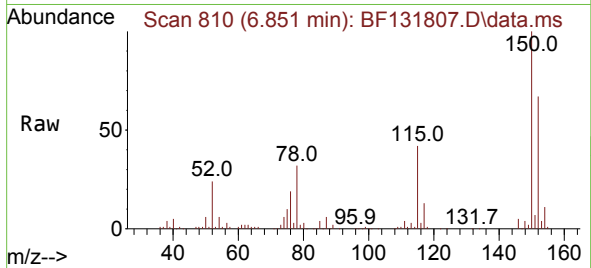




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

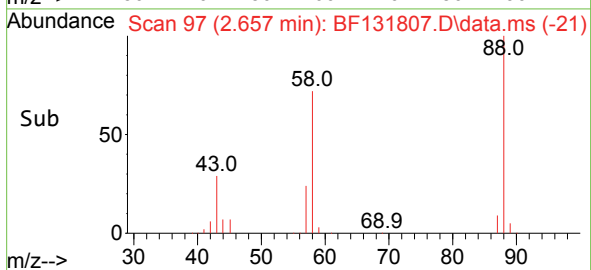
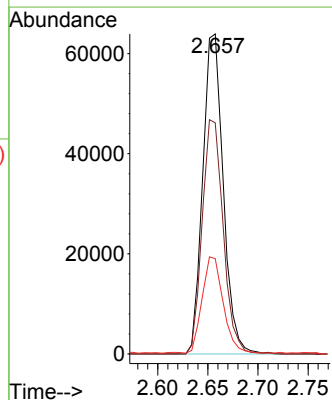
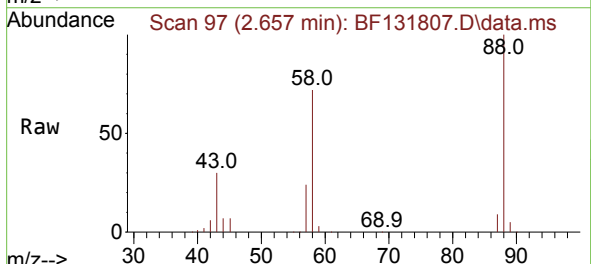
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 BNA_F
 ClientSampleId :
 PB149887BS

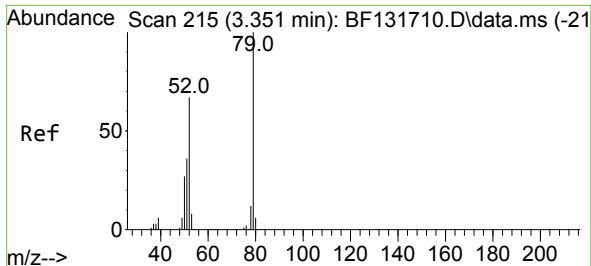
Tgt Ion:152 Resp: 93833
 Ion Ratio Lower Upper
 152 100
 150 148.4 117.4 176.0
 115 62.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 35.035 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.094 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

Tgt Ion: 88 Resp: 91231
 Ion Ratio Lower Upper
 88 100
 58 74.8 57.5 86.3
 43 30.9 23.3 34.9





#3

Pyridine

Concen: 32.753 ng

RT: 3.398 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

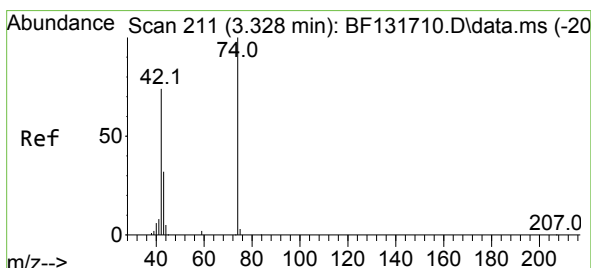
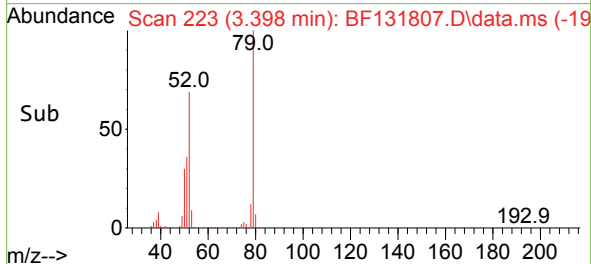
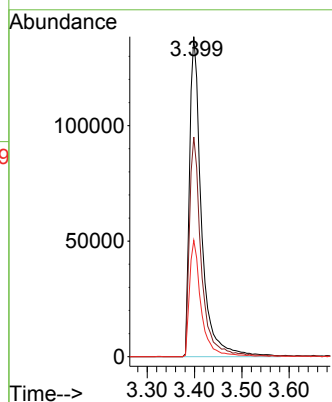
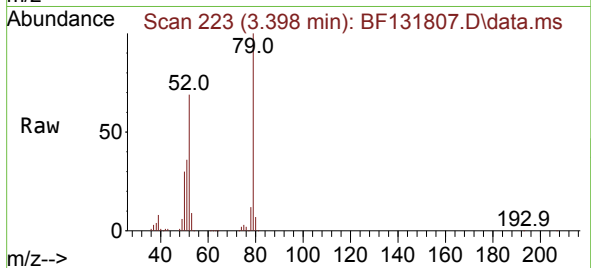
Tgt Ion: 79 Resp: 243195

Ion Ratio Lower Upper

79 100

52 68.6 53.7 80.5

51 36.4 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 43.567 ng

RT: 3.375 min Scan# 219

Delta R.T. 0.082 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

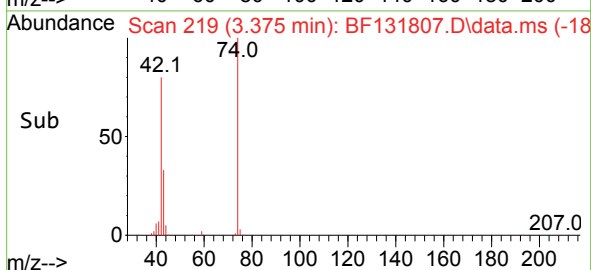
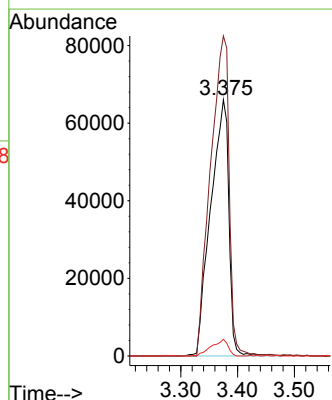
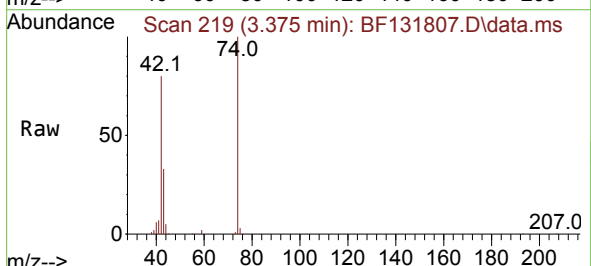
Tgt Ion: 42 Resp: 146358

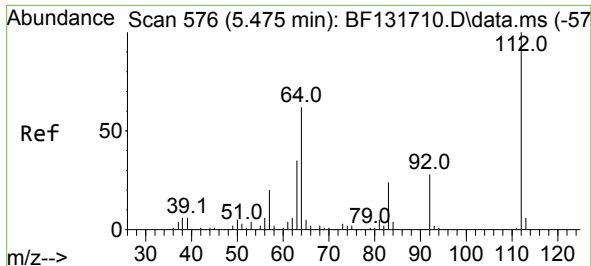
Ion Ratio Lower Upper

42 100

74 124.9 107.8 161.8

44 6.5 5.5 8.3

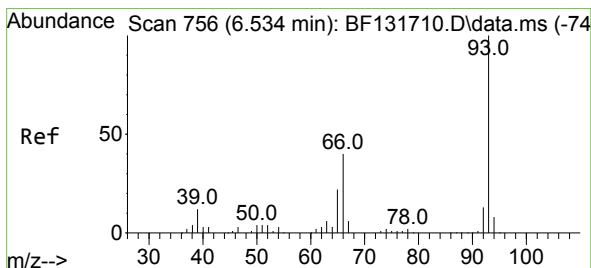
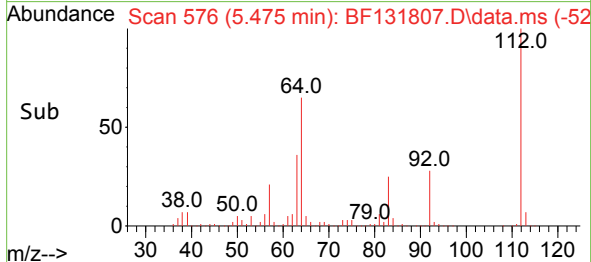
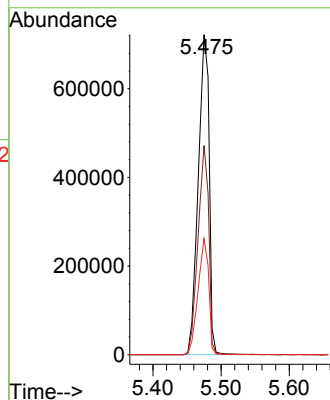
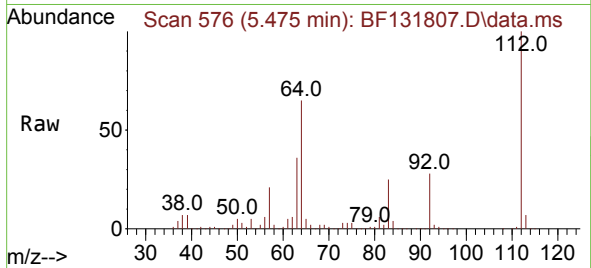




#5
2-Fluorophenol
Concen: 144.158 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

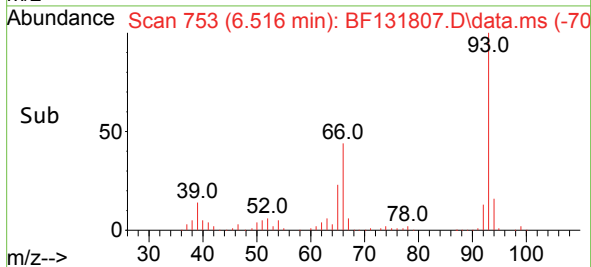
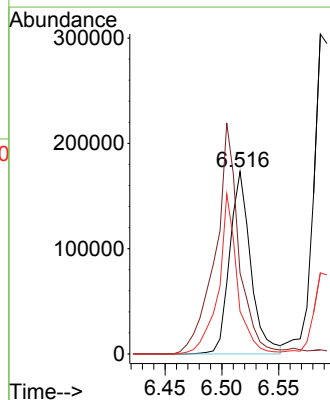
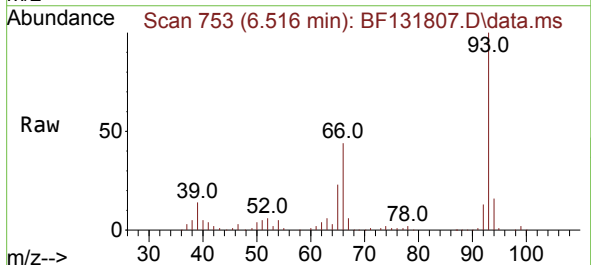
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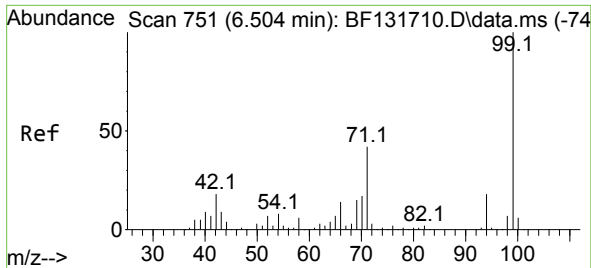
Tgt Ion:112 Resp: 803306
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 36.3 28.2 42.2



#6
Aniline
Concen: 24.092 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion: 93 Resp: 223080
Ion Ratio Lower Upper
93 100
66 44.3 32.8 49.2
65 23.3 17.4 26.2



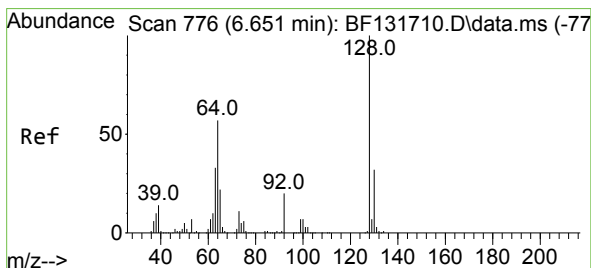
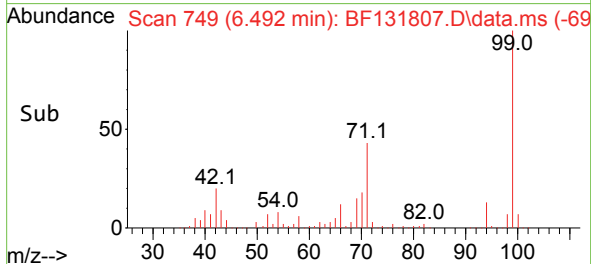
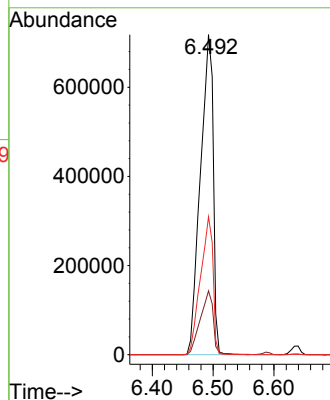
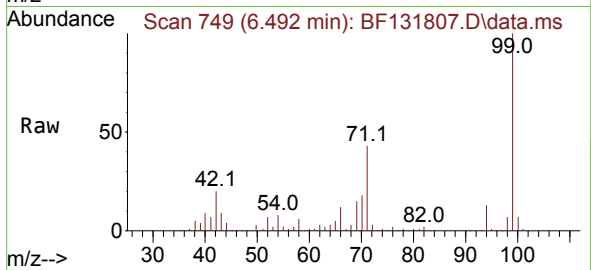


#7
Phenol-d6
Concen: 139.669 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF131807.D
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Tgt Ion: 99 Resp: 1047562

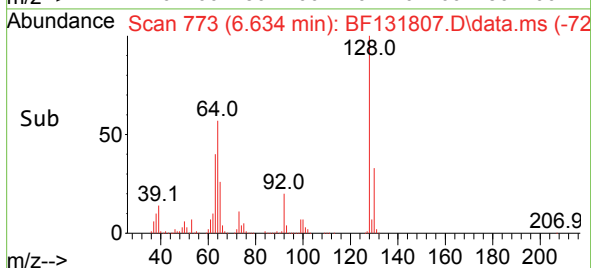
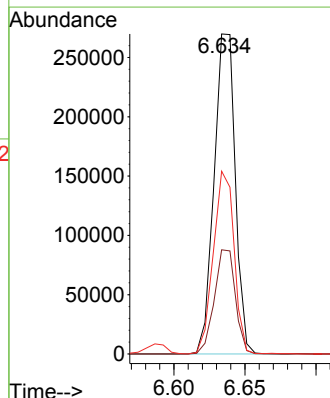
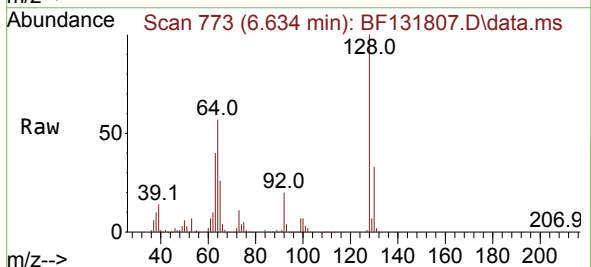
Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.8	22.2
71	43.1	33.8	50.6

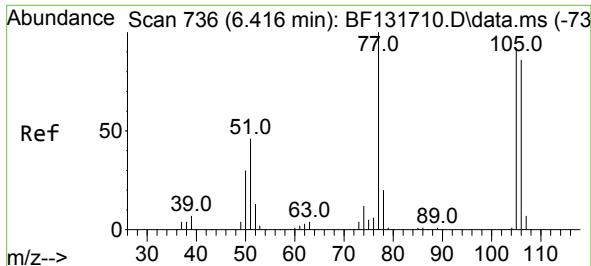


#8
2-Chlorophenol
Concen: 46.855 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion: 128 Resp: 280434

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	57.1	37.7	77.7

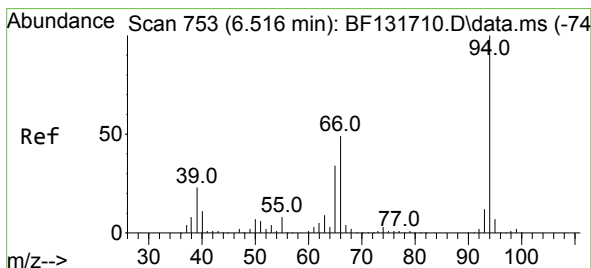
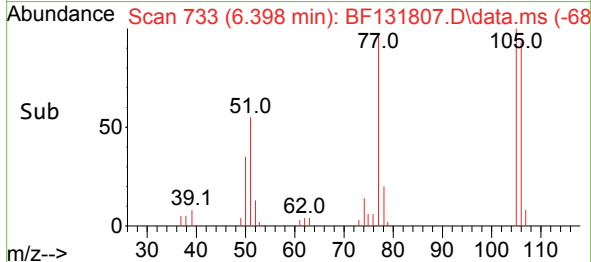
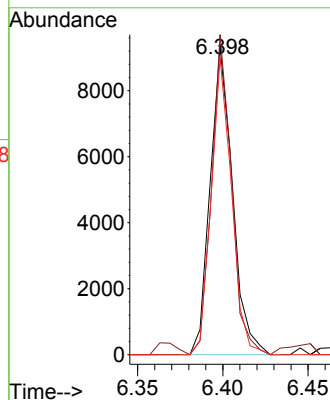
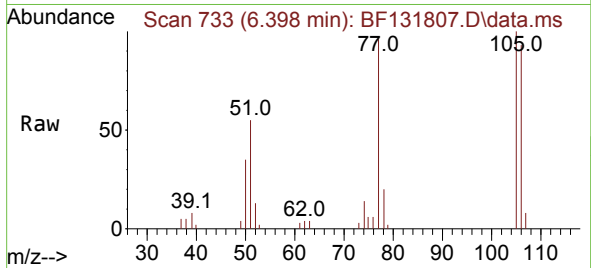




#9
Benzaldehyde
Concen: Below Cal
RT: 6.398 min Scan# 710
Delta R.T. -0.006 min
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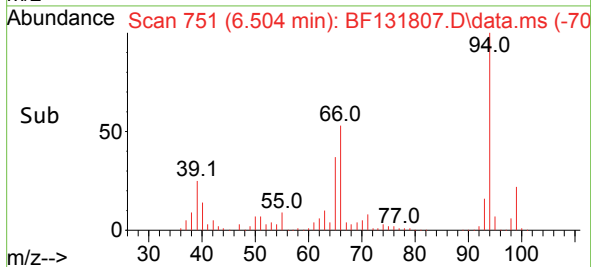
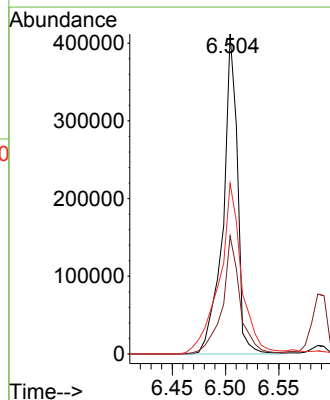
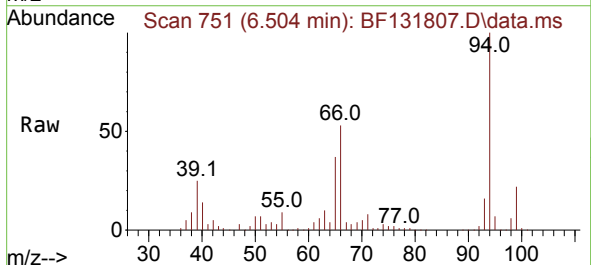
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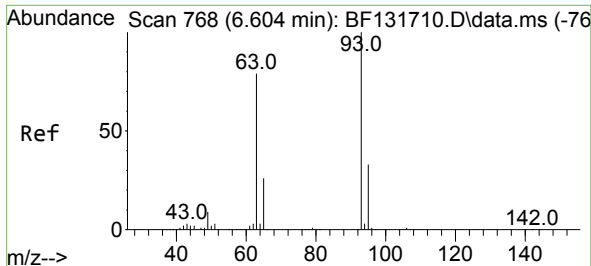
Tgt Ion: 77 Resp: 8527
Ion Ratio Lower Upper
77 100
105 103.7 72.4 112.4
106 96.4 66.5 106.5



#10
Phenol
Concen: 43.195 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion: 94 Resp: 386806
Ion Ratio Lower Upper
94 100
65 36.9 14.0 54.0
66 53.3 28.8 68.8

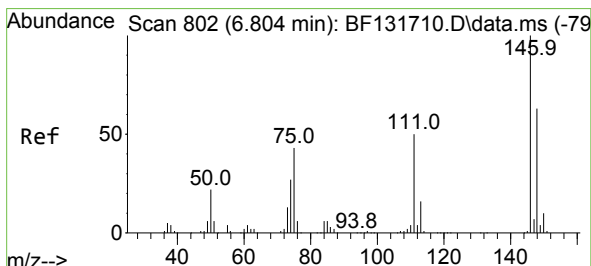
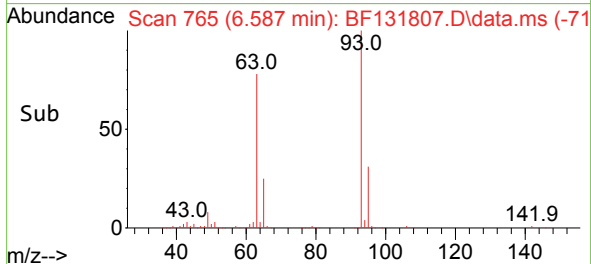
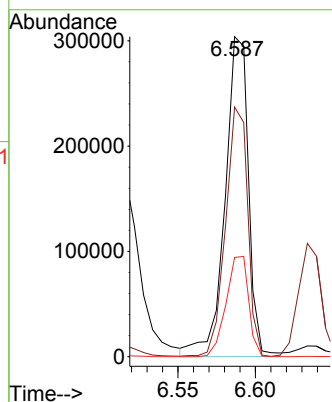
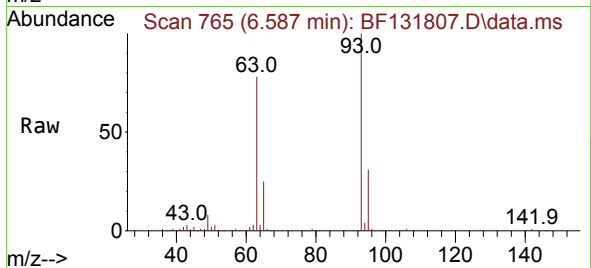




#11
bis(2-Chloroethyl)ether
Concen: 50.011 ng
RT: 6.587 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

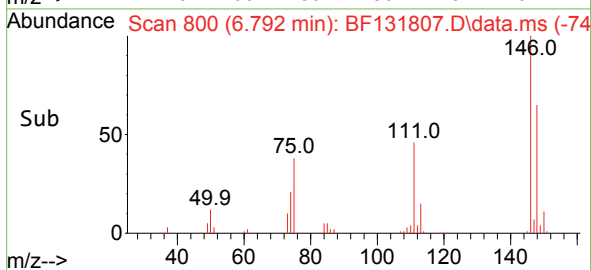
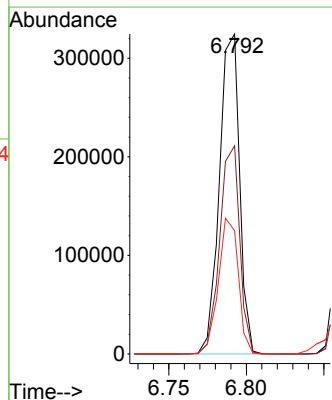
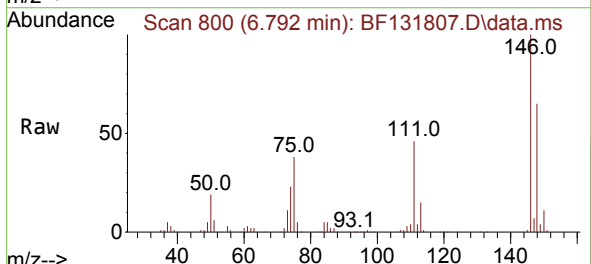
Instrument :
BNA_F
ClientSampleId :
PB149887BS

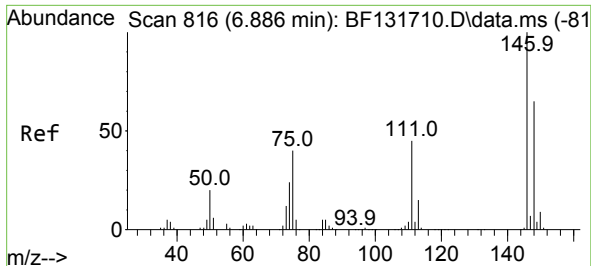
Tgt Ion: 93 Resp: 320480
Ion Ratio Lower Upper
93 100
63 78.0 59.0 99.0
95 31.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.458 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:146 Resp: 294021
Ion Ratio Lower Upper
146 100
148 65.0 50.6 76.0
75 38.5 34.3 51.5

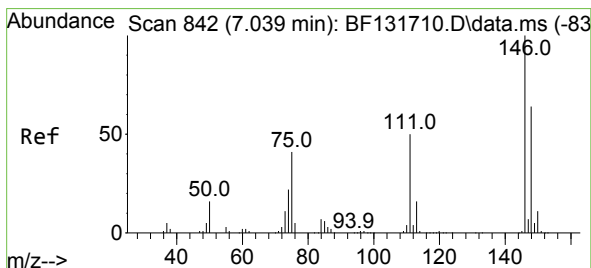
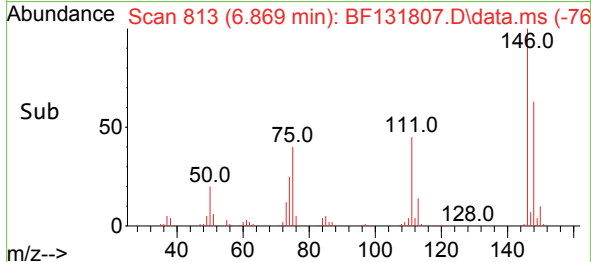
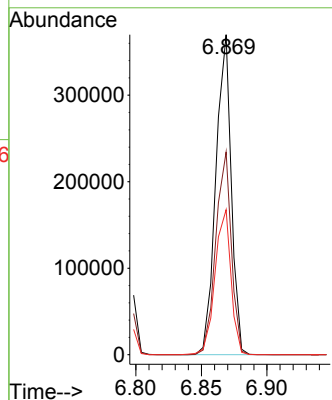
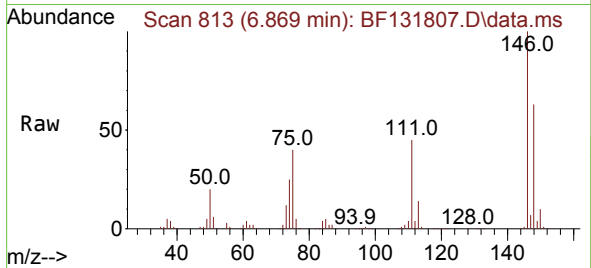




#13
1,4-Dichlorobenzene
Concen: 43.660 ng
RT: 6.869 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

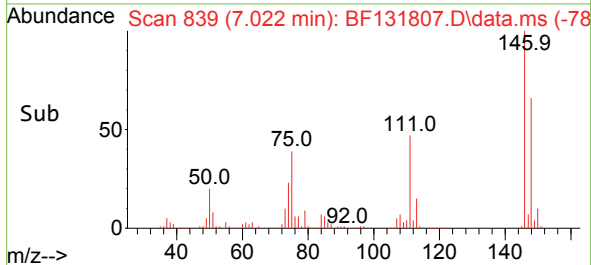
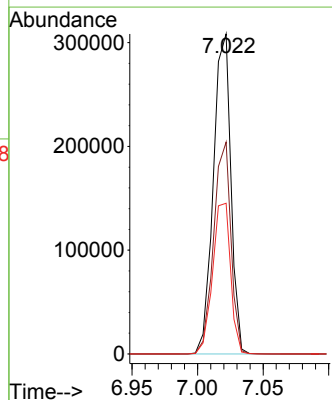
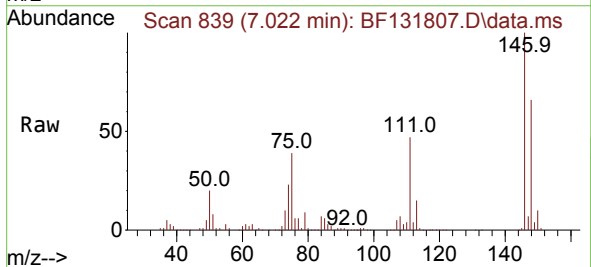
Instrument :
BNA_F
ClientSampleId :
PB149887BS

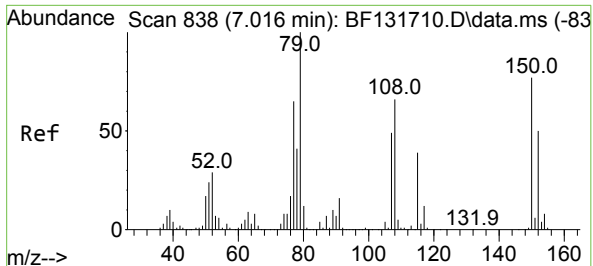
Tgt Ion:146 Resp: 301934
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 45.3 36.4 54.6



#14
1,2-Dichlorobenzene
Concen: 44.299 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:146 Resp: 286842
Ion Ratio Lower Upper
146 100
148 66.2 51.4 77.0
111 47.1 39.8 59.6





#15

Benzyl Alcohol

Concen: 31.994 ng

RT: 7.004 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

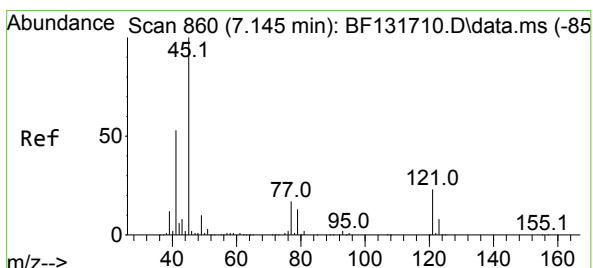
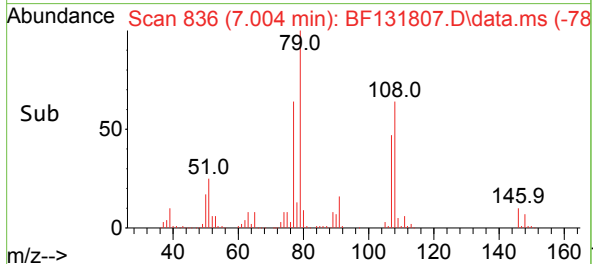
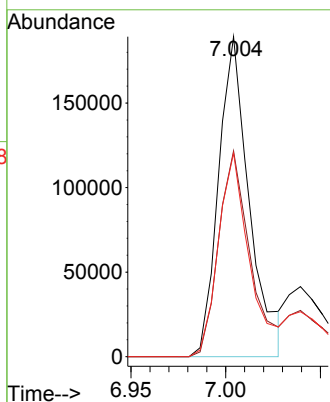
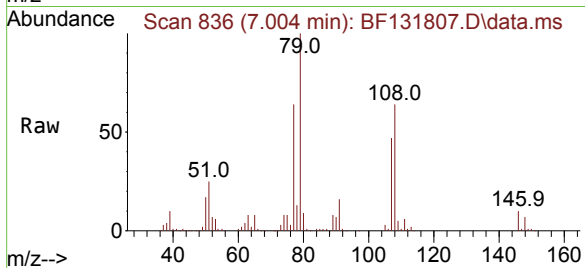
Tgt Ion: 79 Resp: 214328

Ion Ratio Lower Upper

79 100

108 64.3 52.6 78.8

77 63.6 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.171 ng

RT: 7.128 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

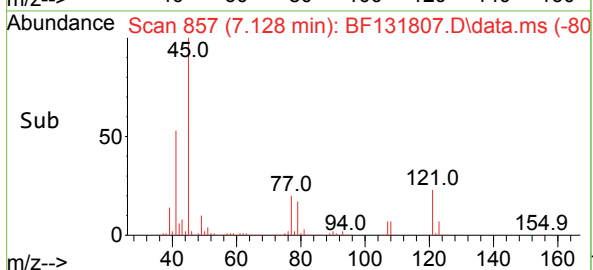
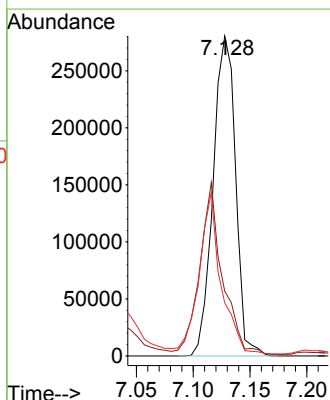
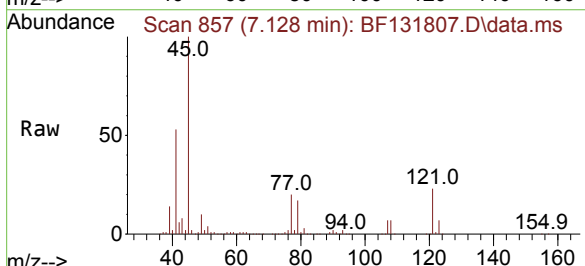
Tgt Ion: 45 Resp: 385436

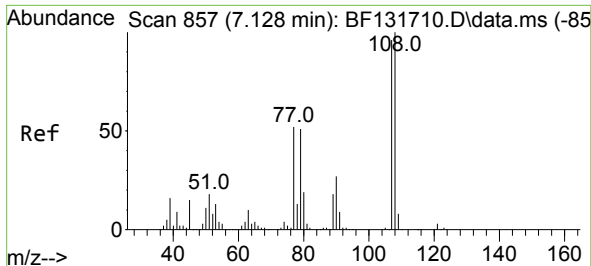
Ion Ratio Lower Upper

45 100

77 20.2 0.0 36.8

79 16.5 0.0 33.1

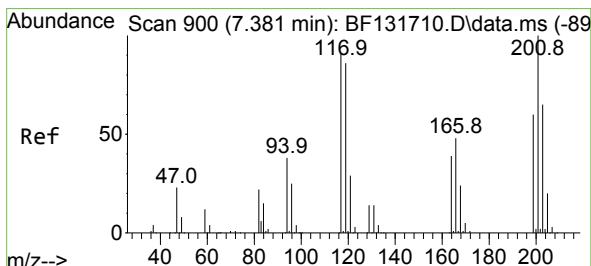
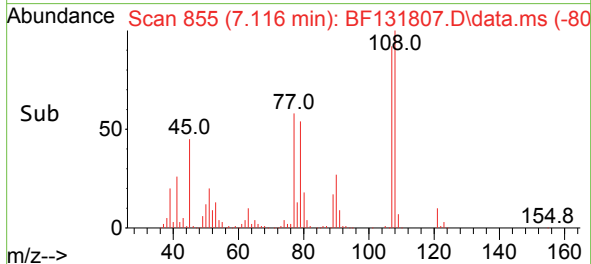
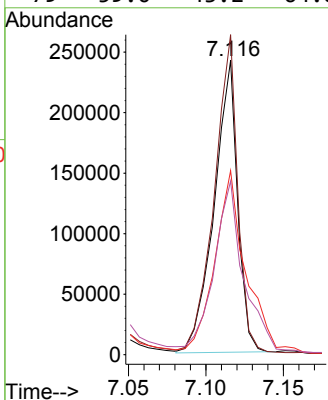
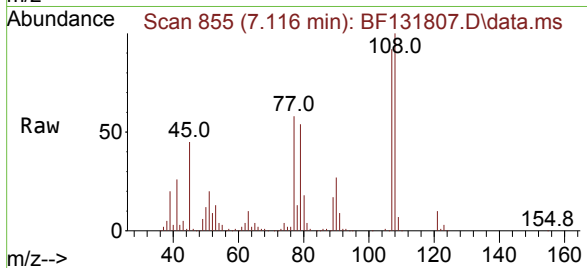




#17
2-Methylphenol
Concen: 44.773 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

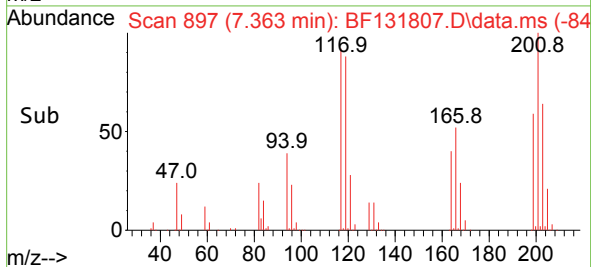
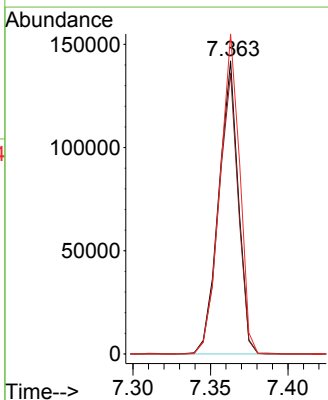
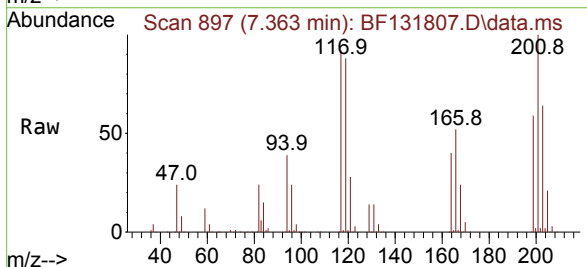
Instrument :
BNA_F
ClientSampleId :
PB149887BS

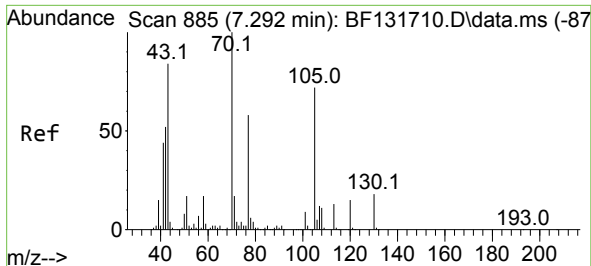
Tgt Ion:	107	Resp:	252975
Ion	Ratio	Lower	Upper
107	100		
108	108.8	83.8	125.6
77	62.5	43.8	65.8
79	59.0	43.2	64.8



#18
Hexachloroethane
Concen: 45.586 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:	117	Resp:	124970
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	109.2	88.2	132.4



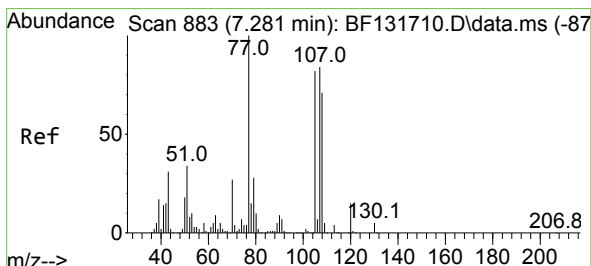
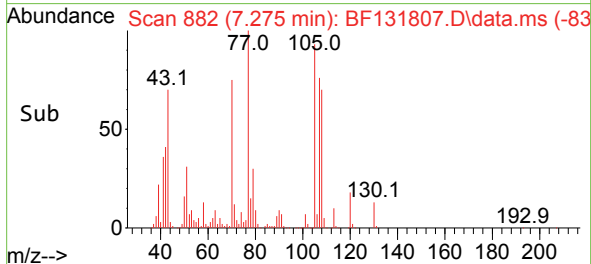
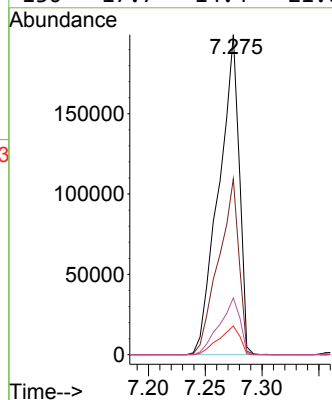
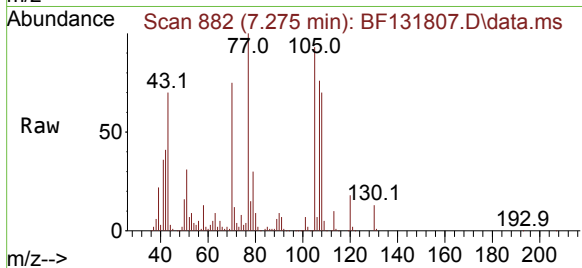


#19
n-Nitroso-di-n-propylamine
Concen: 46.095 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :
BNA_F
ClientSampleId :
PB149887BS

Tgt Ion: 70 Resp: 249341

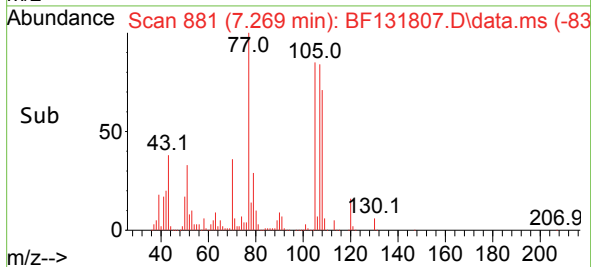
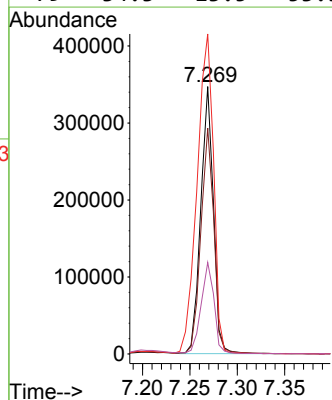
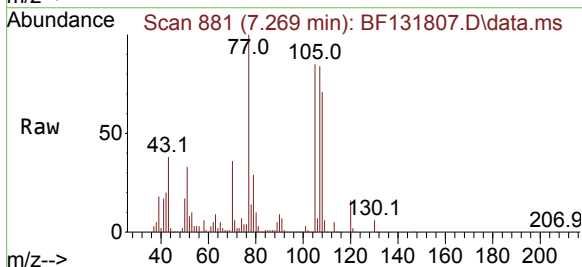
Ion	Ratio	Lower	Upper
70	100		
42	55.0	41.5	62.3
101	9.0	7.3	10.9
130	17.7	14.4	21.6

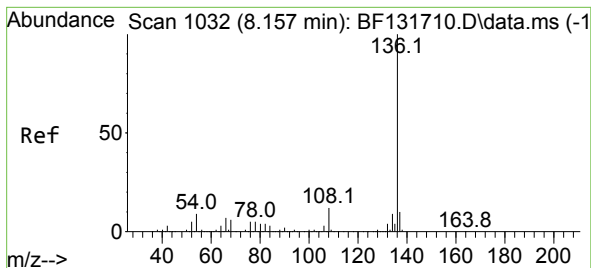


#20
3+4-Methylphenols
Concen: 44.686 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion: 107 Resp: 324953

Ion	Ratio	Lower	Upper
107	100		
108	84.5	65.2	105.2
77	119.7	99.6	139.6
79	34.3	13.5	53.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

Tgt Ion:136 Resp: 377671

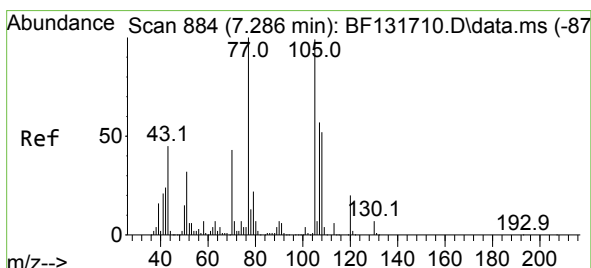
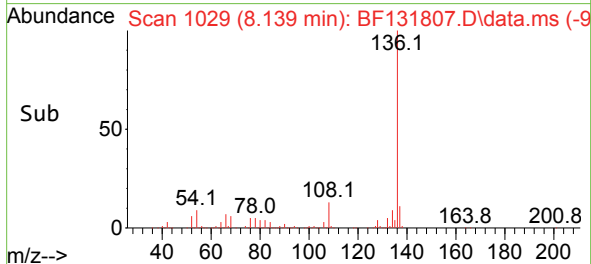
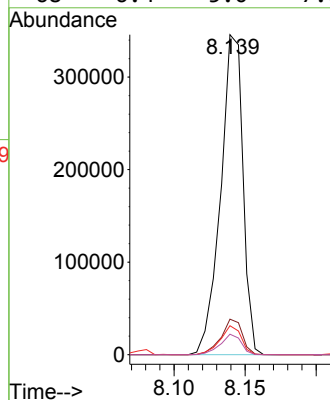
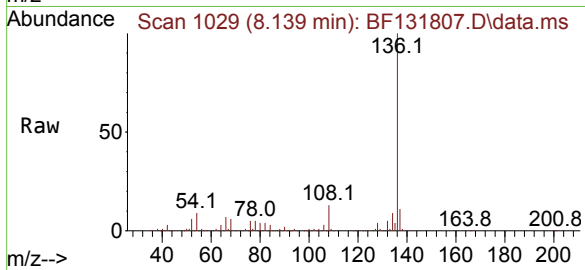
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.1 7.2 10.8

68 6.4 5.0 7.6



#22

Acetophenone

Concen: 42.075 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Tgt Ion:105 Resp: 463724

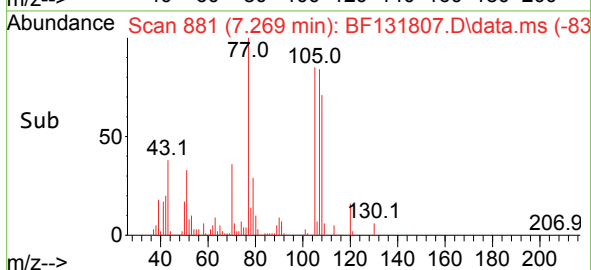
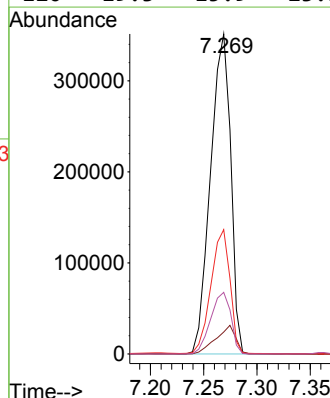
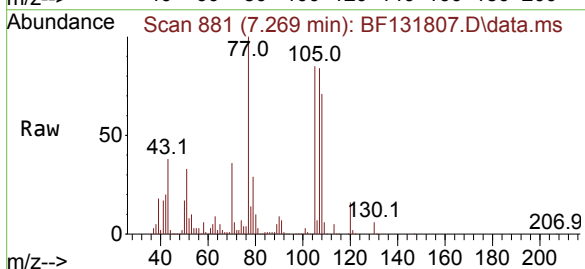
Ion Ratio Lower Upper

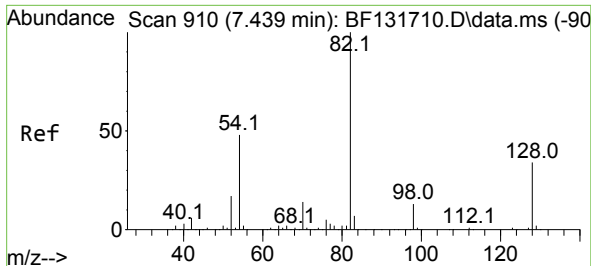
105 100

71 6.9 5.5 8.3

51 38.9 25.5 38.3#

120 19.3 15.9 23.9

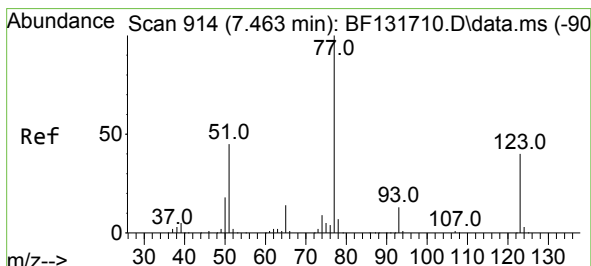
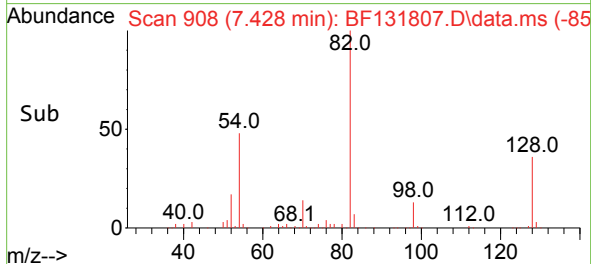
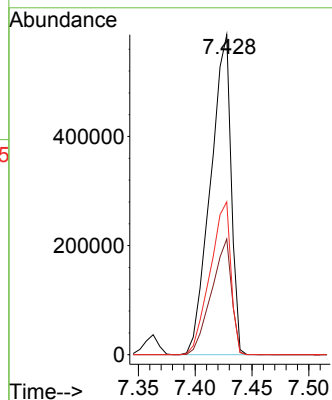
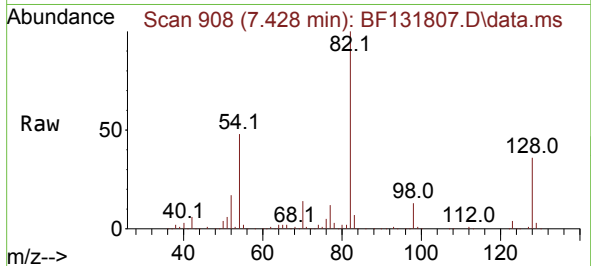




#23
Nitrobenzene-d5
Concen: 79.657 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

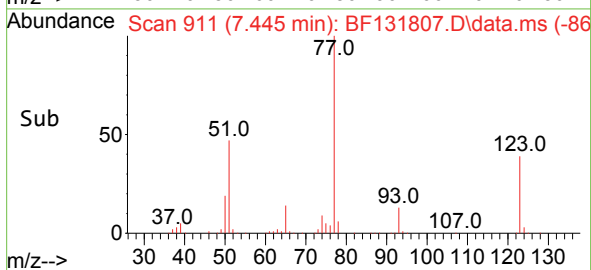
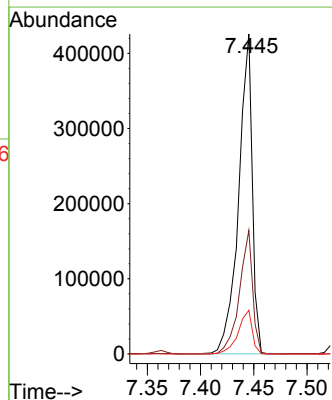
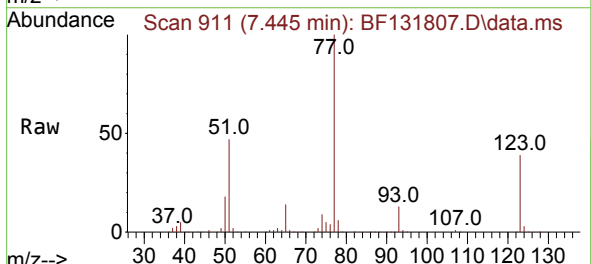
Instrument :
BNA_F
ClientSampleId :
PB149887BS

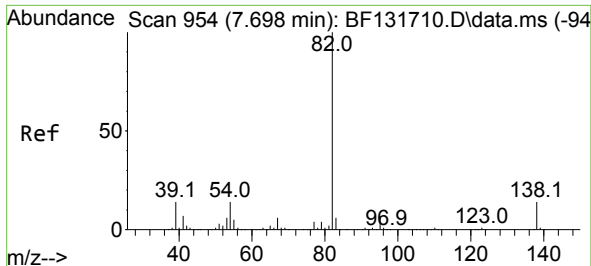
Tgt Ion: 82 Resp: 741056
Ion Ratio Lower Upper
82 100
128 36.1 27.3 40.9
54 47.7 38.2 57.2



#24
Nitrobenzene
Concen: 40.134 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion: 77 Resp: 379574
Ion Ratio Lower Upper
77 100
123 38.6 31.8 47.6
65 13.7 10.9 16.3

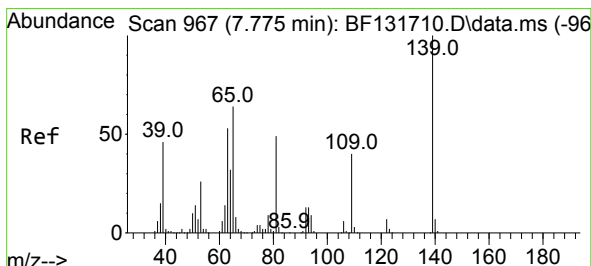
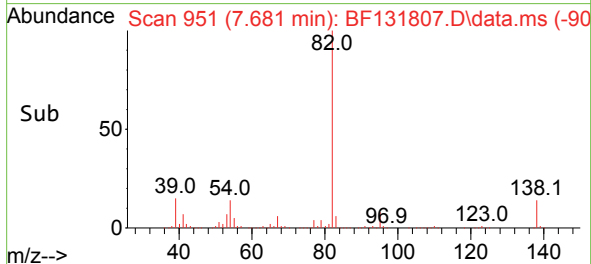
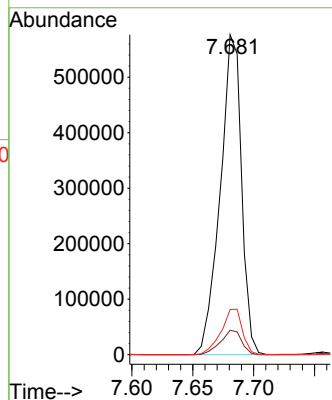
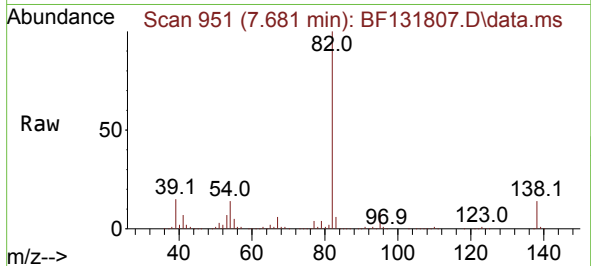




#25
Isophorone
Concen: 44.414 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

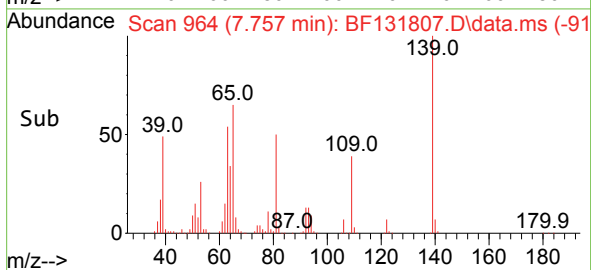
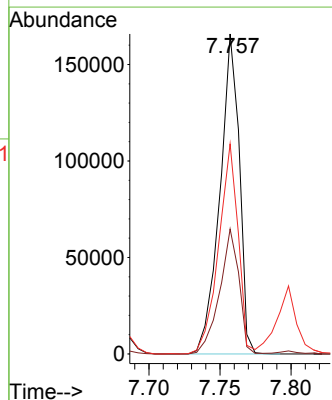
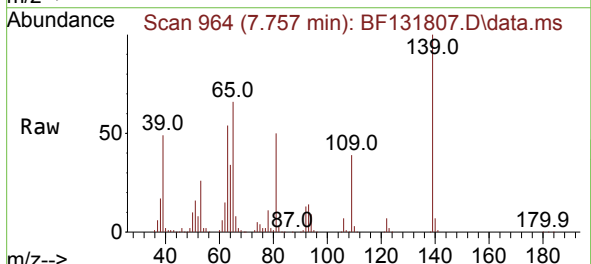
Instrument :
BNA_F
ClientSampleId :
PB149887BS

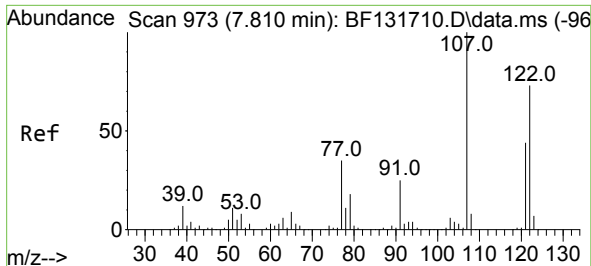
Tgt Ion: 82 Resp: 701696
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 14.1 11.6 17.4



#26
2-Nitrophenol
Concen: 42.622 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:139 Resp: 157540
Ion Ratio Lower Upper
139 100
109 39.0 31.8 47.6
65 65.6 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 50.564 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

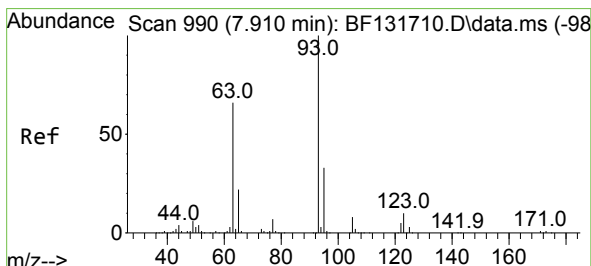
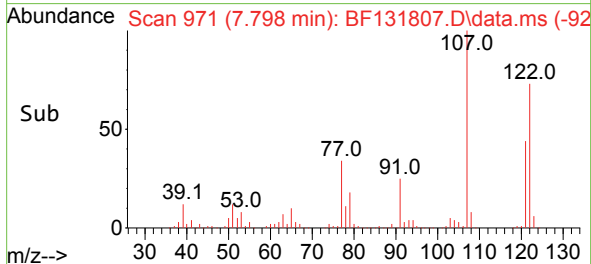
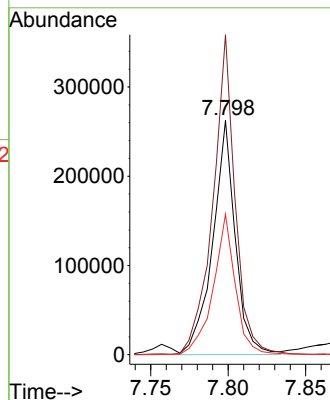
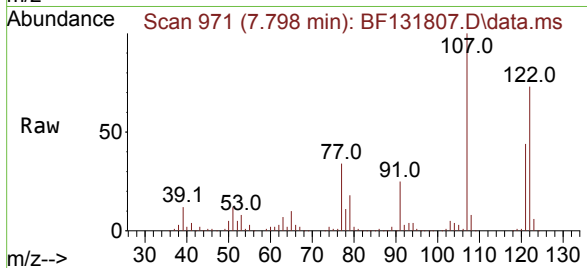
Tgt Ion:122 Resp: 266190

Ion Ratio Lower Upper

122 100

107 136.5 110.1 165.1

121 59.9 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.170 ng

RT: 7.892 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

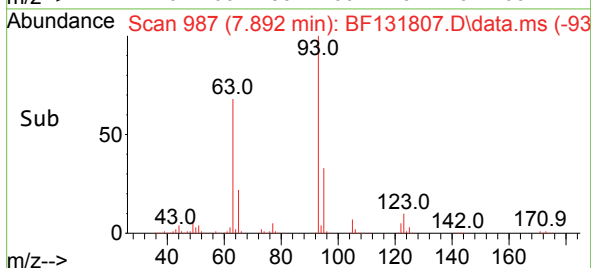
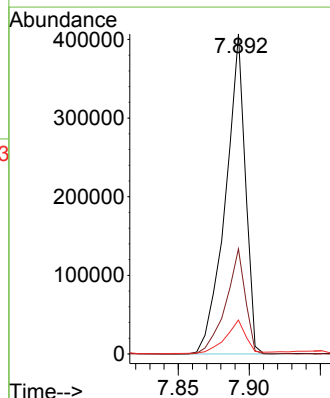
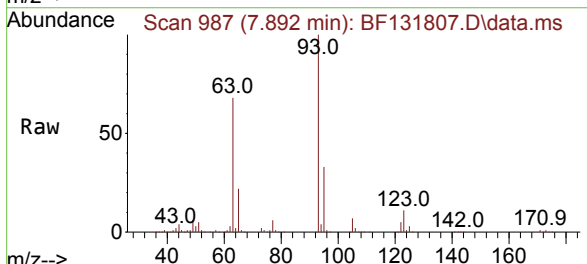
Tgt Ion: 93 Resp: 395746

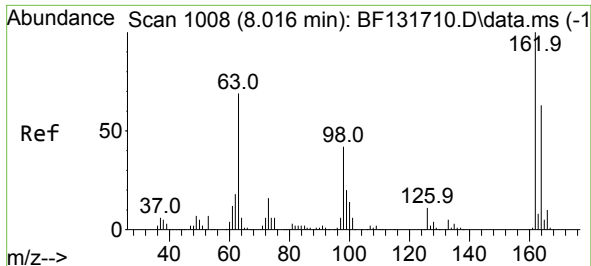
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 10.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 43.062 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

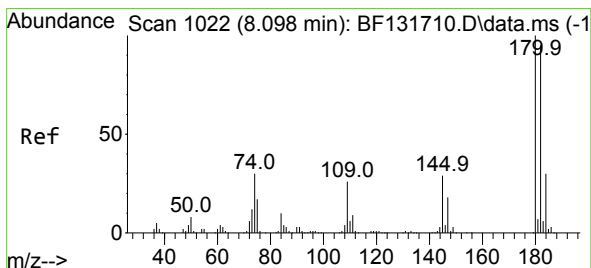
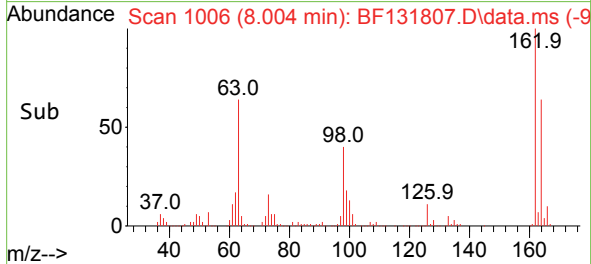
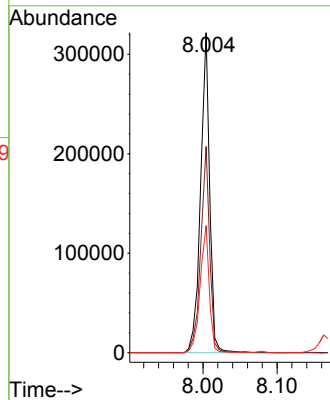
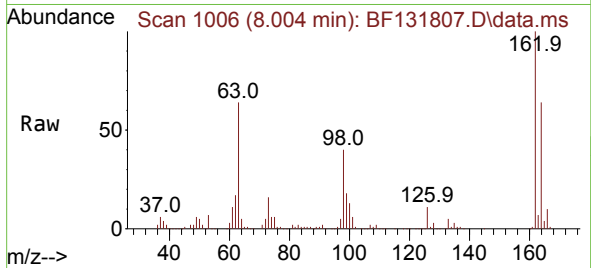
Tgt Ion:162 Resp: 273671

Ion Ratio Lower Upper

162 100

164 64.5 42.9 82.9

98 39.7 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 40.614 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

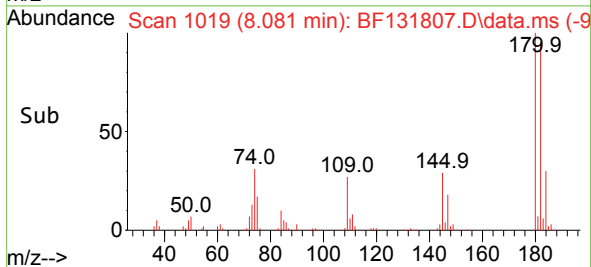
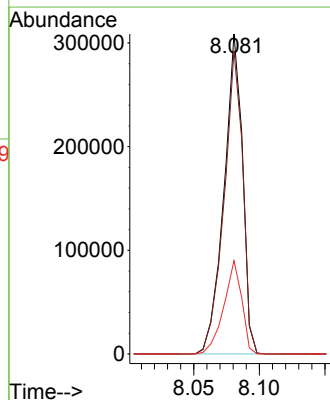
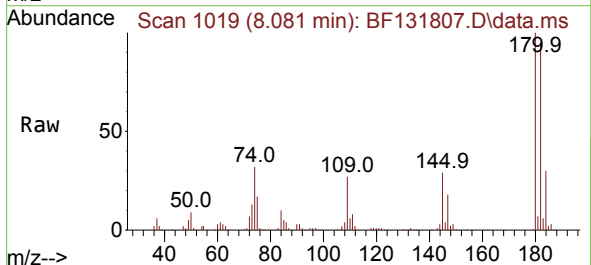
Tgt Ion:180 Resp: 303443

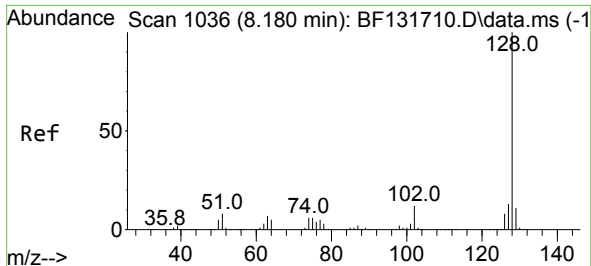
Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

145 29.2 23.4 35.0

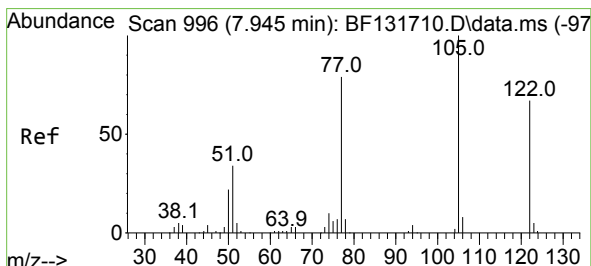
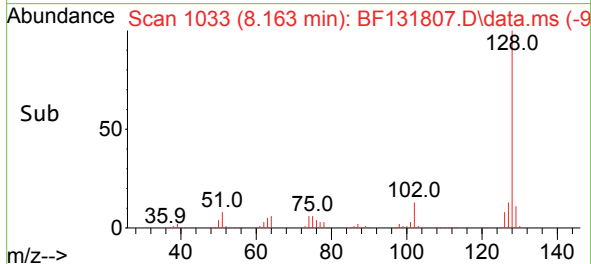
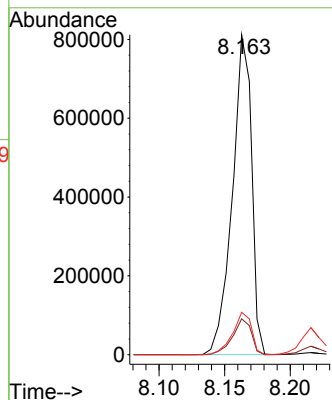
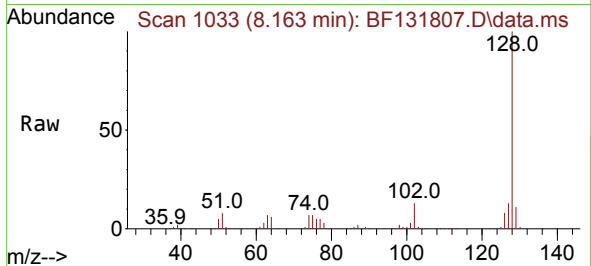




#31
Naphthalene
Concen: 40.192 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

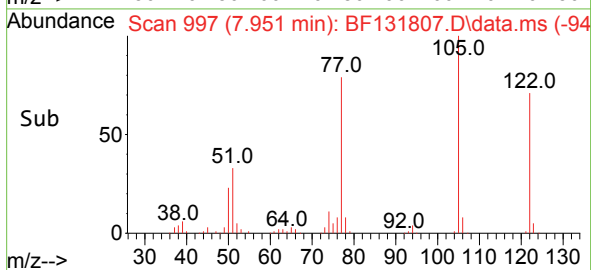
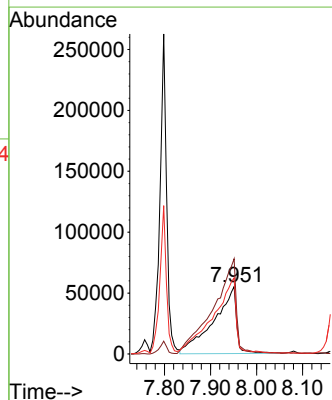
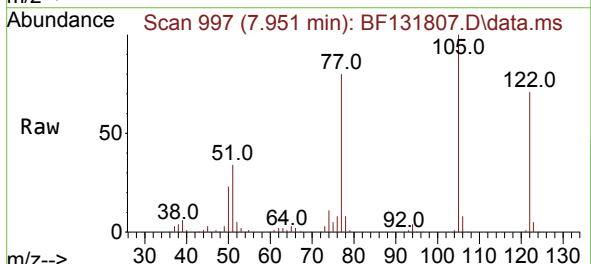
Instrument :
BNA_F
ClientSampleId :
PB149887BS

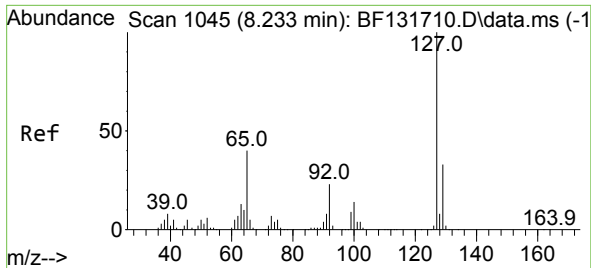
Tgt Ion:128 Resp: 828988
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 44.910 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:122 Resp: 189251
Ion Ratio Lower Upper
122 100
105 141.3 125.1 165.1
77 113.1 95.3 135.3

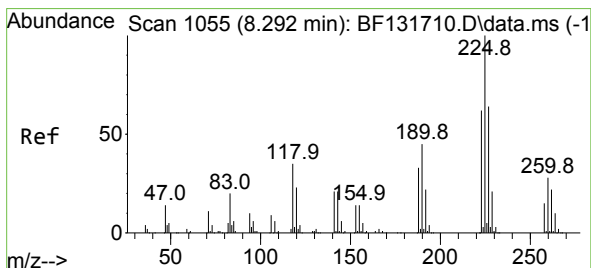
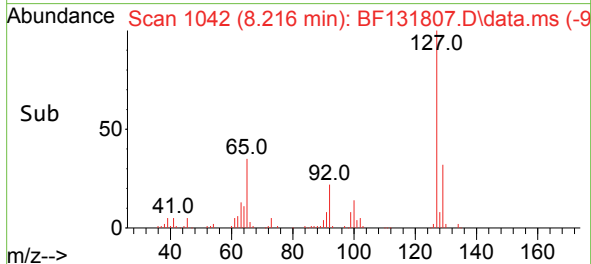
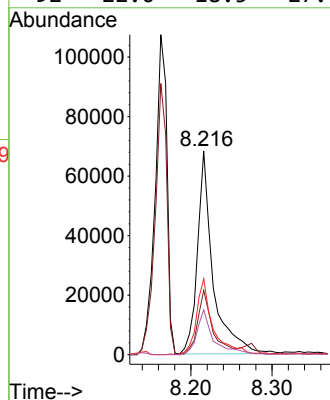
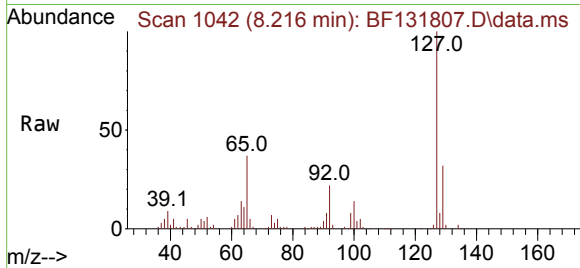




#33
4-Chloroaniline
Concen: 11.449 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

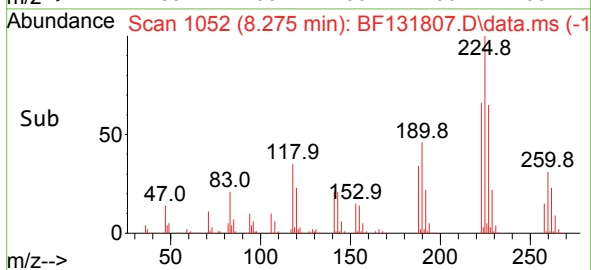
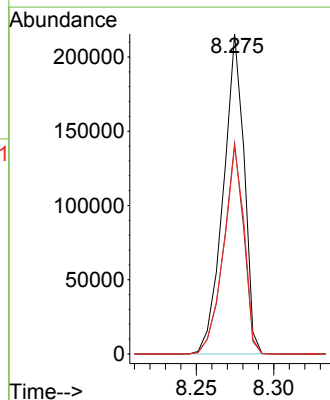
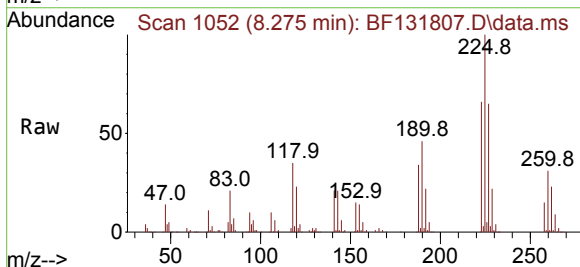
Instrument :
BNA_F
ClientSampleId :
PB149887BS

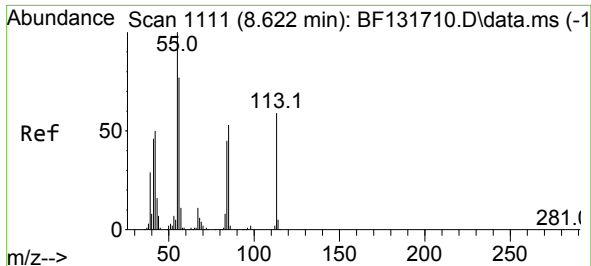
Tgt Ion:127	Resp:	92094
Ion Ratio	Lower	Upper
127	100	
129	31.5	26.1 39.1
65	37.2	31.8 47.6
92	22.0	18.5 27.7



#34
Hexachlorobutadiene
Concen: 39.947 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:225	Resp:	200805
Ion Ratio	Lower	Upper
225	100	
223	65.8	49.5 74.3
227	64.8	51.0 76.4

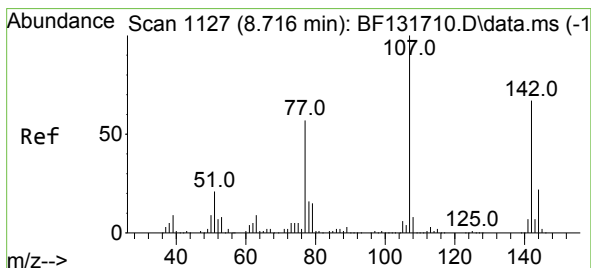
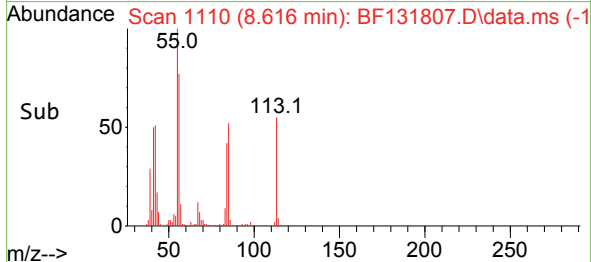
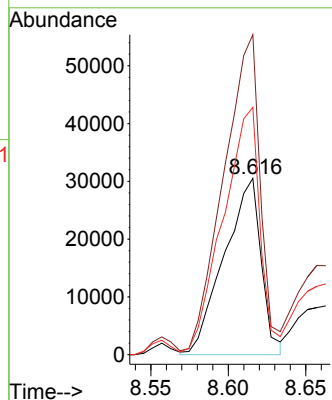
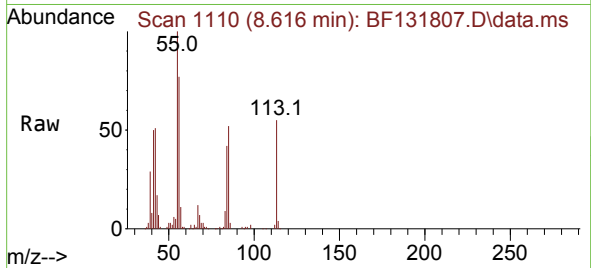




#35
 Caprolactam
 Concen: 26.378 ng
 RT: 8.616 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

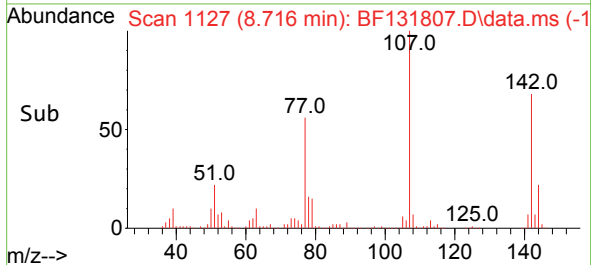
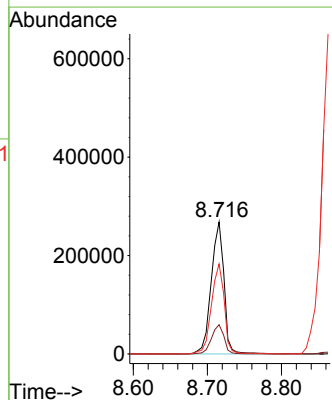
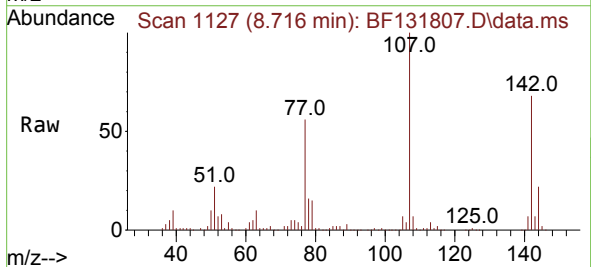
Instrument :
 BNA_F
 ClientSampleId :
 PB149887BS

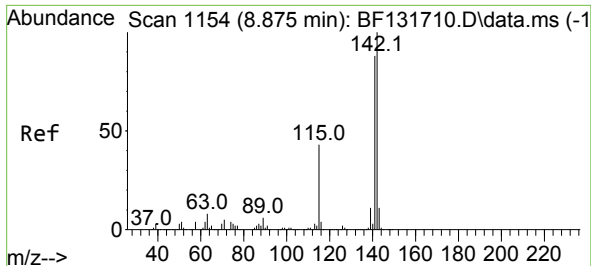
Tgt Ion:113 Resp: 50548
 Ion Ratio Lower Upper
 113 100
 55 181.5 149.0 189.0
 56 140.4 109.5 149.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.355 ng
 RT: 8.716 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

Tgt Ion:107 Resp: 322017
 Ion Ratio Lower Upper
 107 100
 144 22.2 17.5 26.3
 142 68.2 53.4 80.0

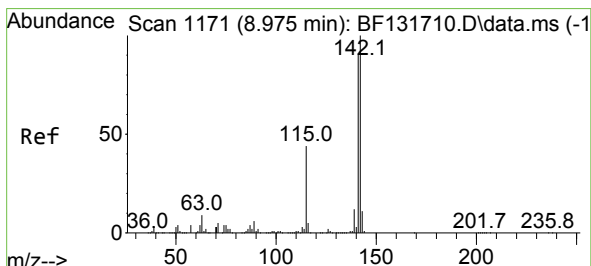
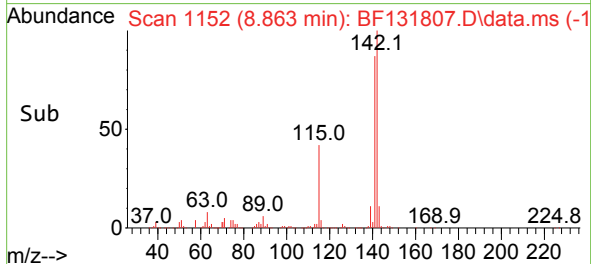
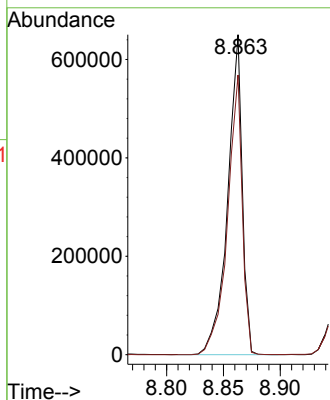
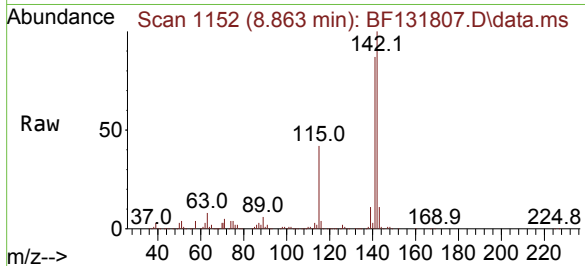




#37
2-Methylnaphthalene
Concen: 41.342 ng
RT: 8.863 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

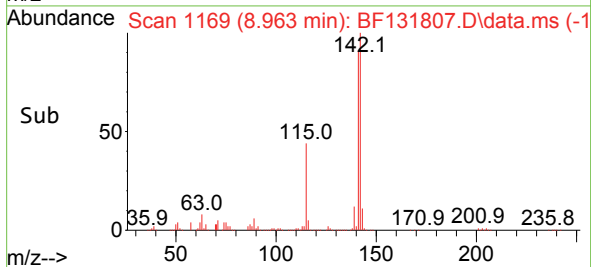
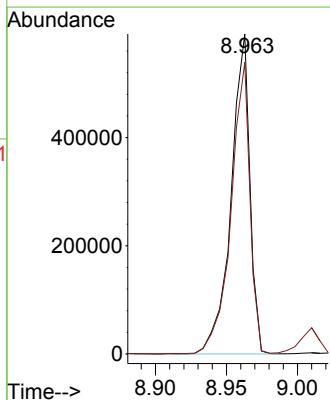
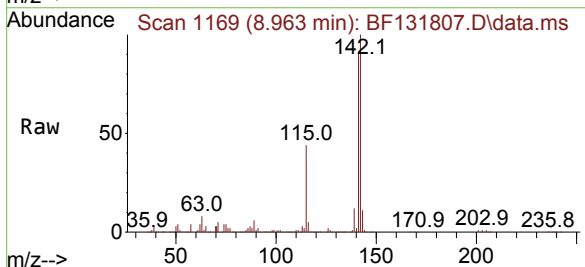
Instrument :
BNA_F
ClientSampleId :
PB149887BS

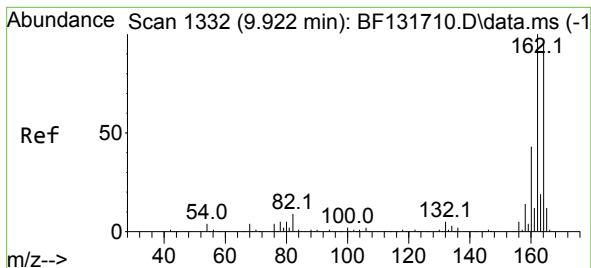
Tgt Ion:142 Resp: 581656
Ion Ratio Lower Upper
142 100
141 87.4 70.4 105.6



#38
1-Methylnaphthalene
Concen: 39.912 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:142 Resp: 543859
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

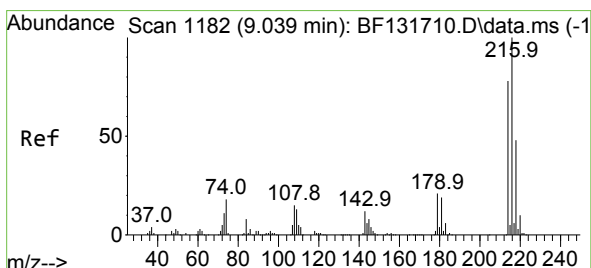
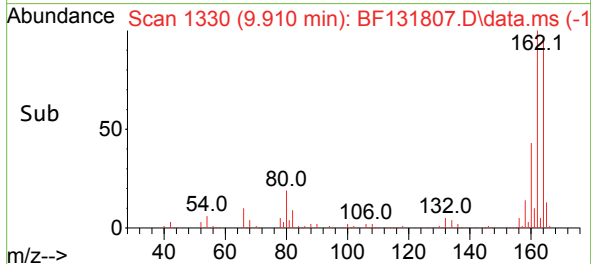
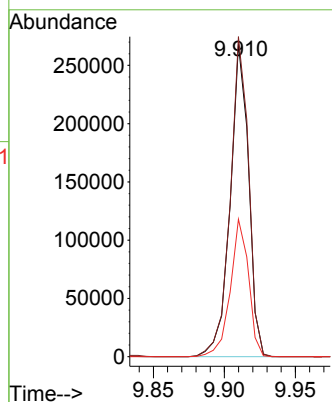
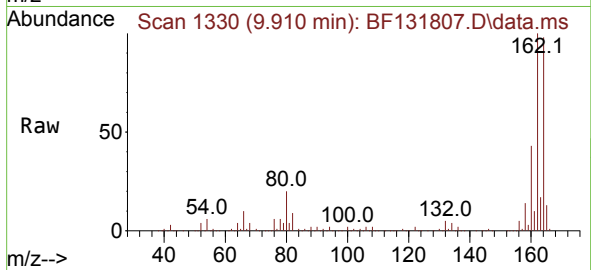
Tgt Ion:164 Resp: 242649

Ion Ratio Lower Upper

164 100

162 102.5 83.7 125.5

160 44.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.064 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Tgt Ion:216 Resp: 332602

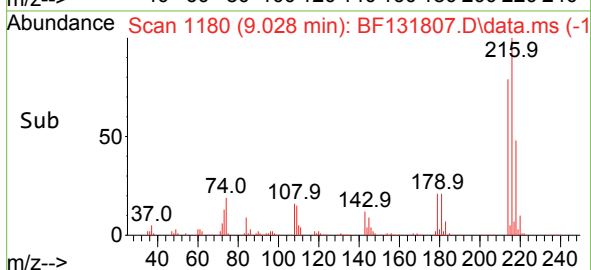
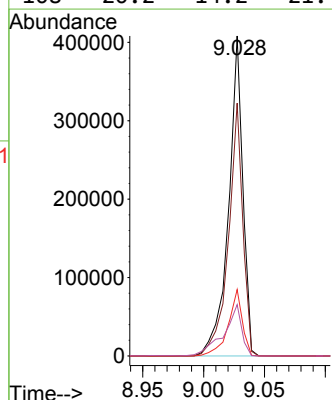
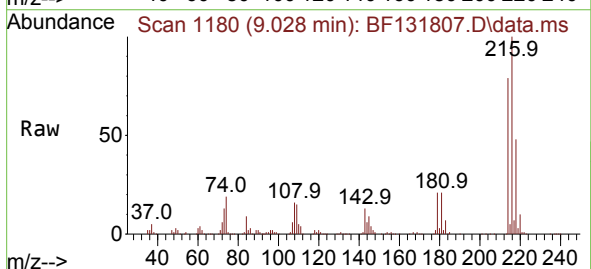
Ion Ratio Lower Upper

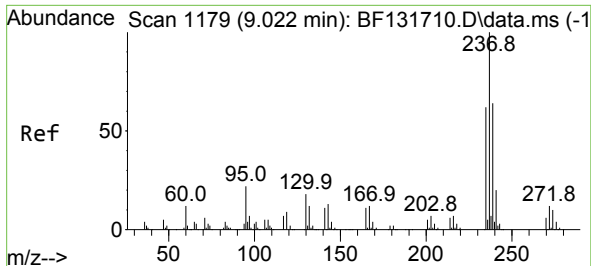
216 100

214 79.3 62.9 94.3

179 20.6 16.3 24.5

108 20.2 14.2 21.4

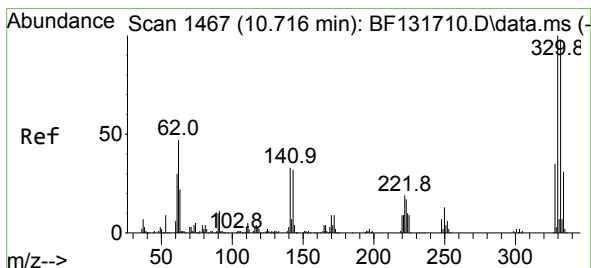
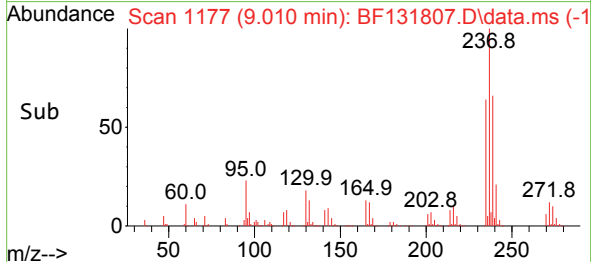
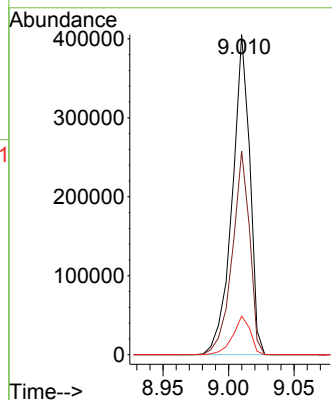
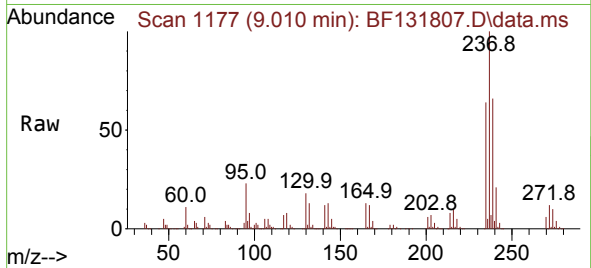




#41
Hexachlorocyclopentadiene
Concen: 100.461 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

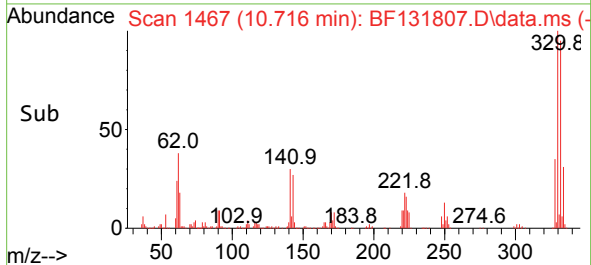
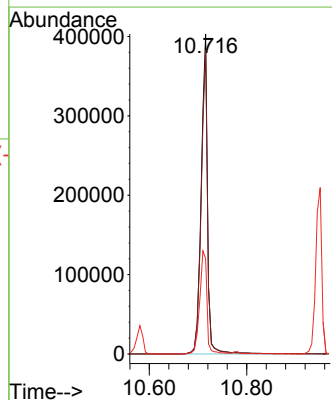
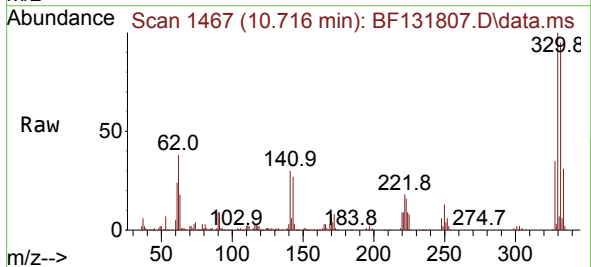
Instrument :
BNA_F
ClientSampleId :
PB149887BS

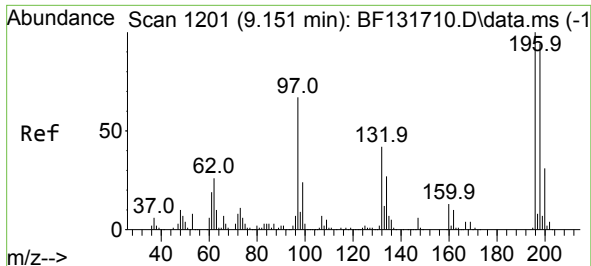
Tgt Ion:237 Resp: 377848
Ion Ratio Lower Upper
237 100
235 63.6 42.2 82.2
272 12.1 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 137.987 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:330 Resp: 366477
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 36.8 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 39.801 ng

RT: 9.145 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

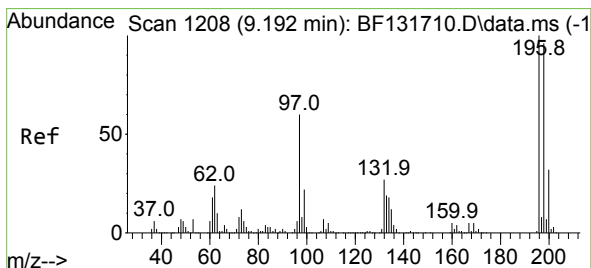
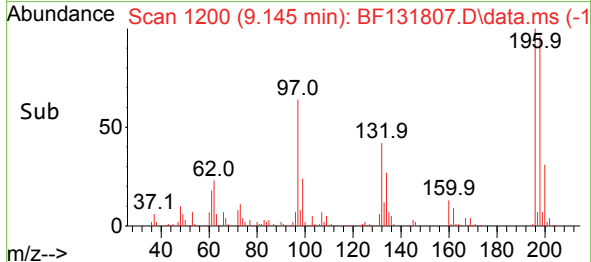
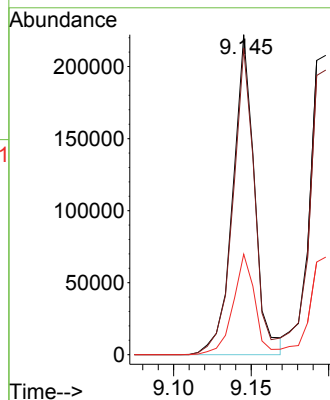
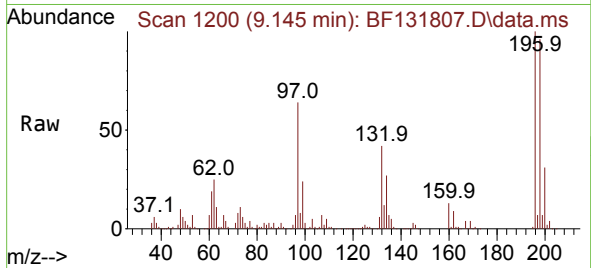
Tgt Ion:196 Resp: 215845

Ion Ratio Lower Upper

196 100

198 95.8 75.5 113.3

200 31.4 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 39.764 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Tgt Ion:196 Resp: 233447

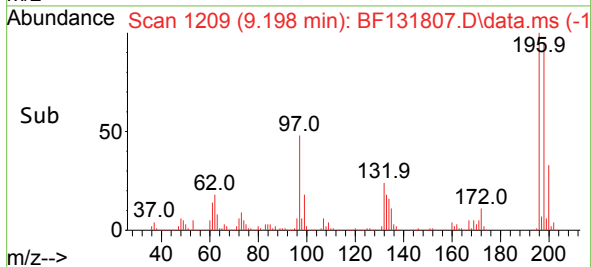
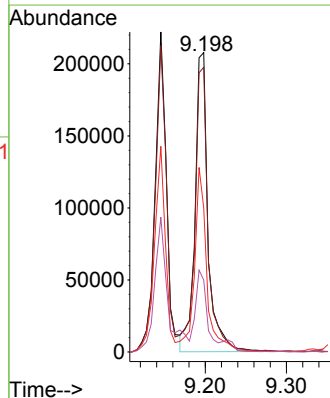
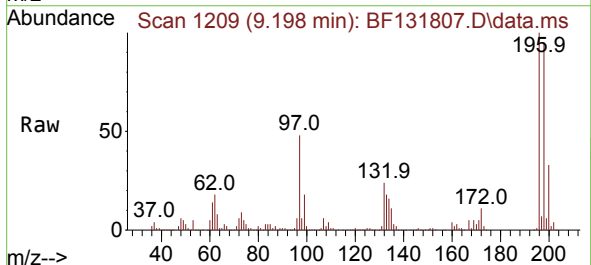
Ion Ratio Lower Upper

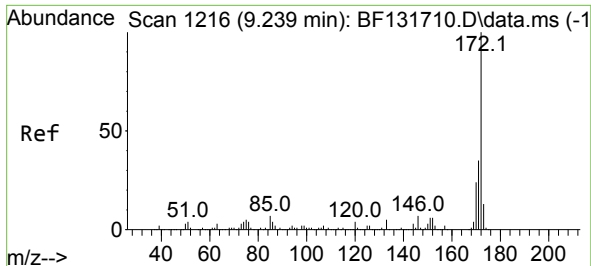
196 100

198 95.1 76.6 114.8

97 48.1 47.7 71.5

132 24.0 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 79.295 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

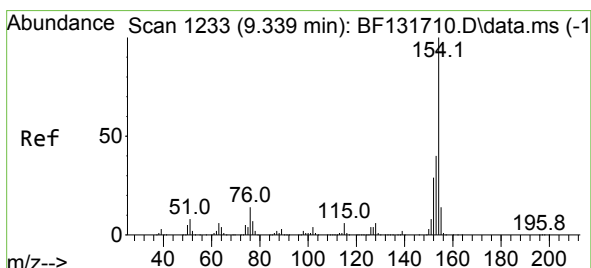
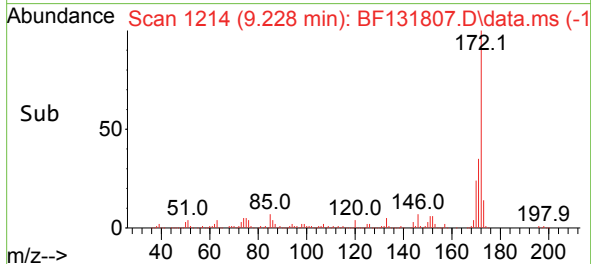
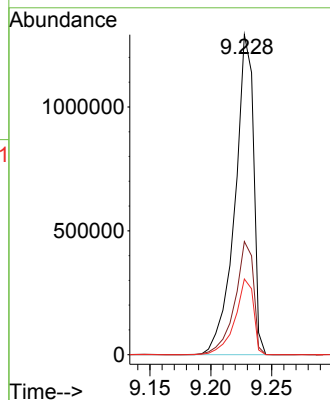
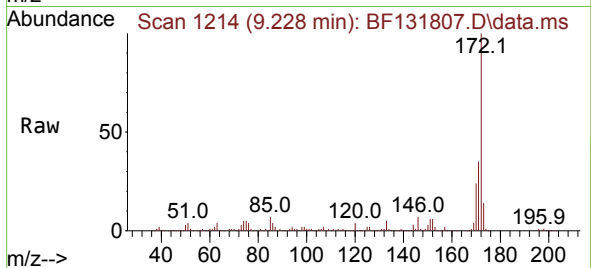
Tgt Ion:172 Resp: 1373543

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.161 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

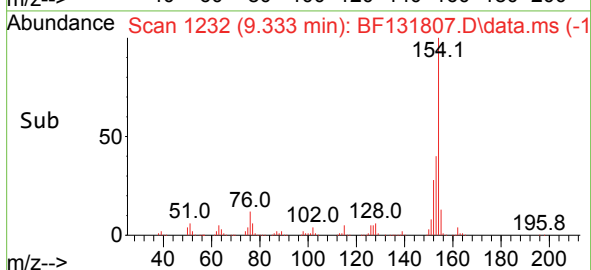
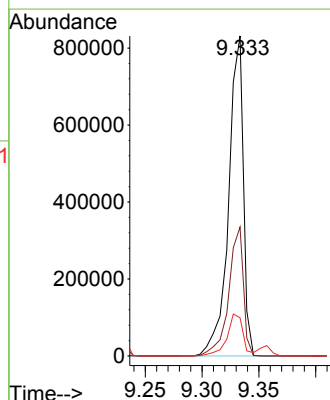
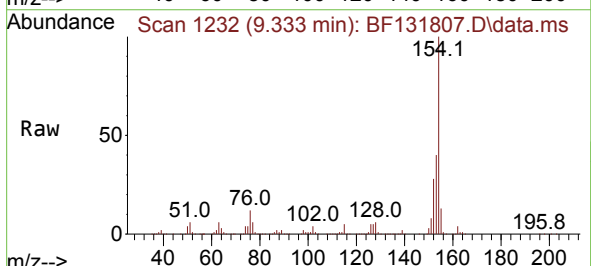
Tgt Ion:154 Resp: 751266

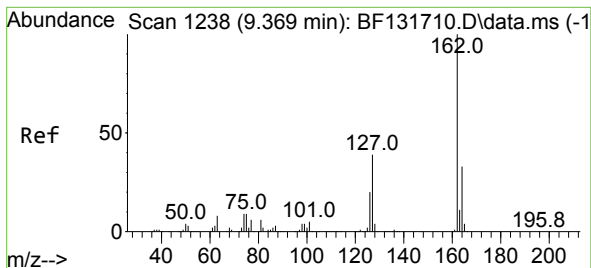
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 12.0 0.0 33.6





#47

2-Chloronaphthalene

Concen: 39.698 ng

RT: 9.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

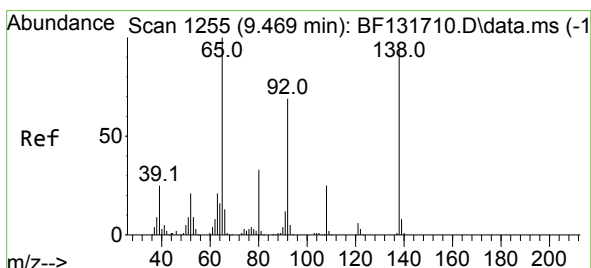
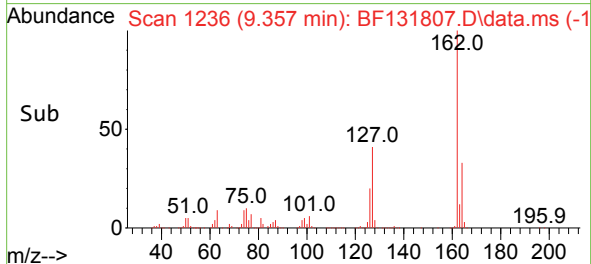
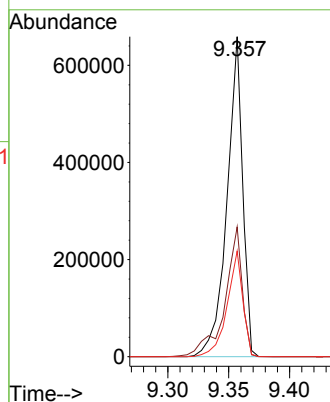
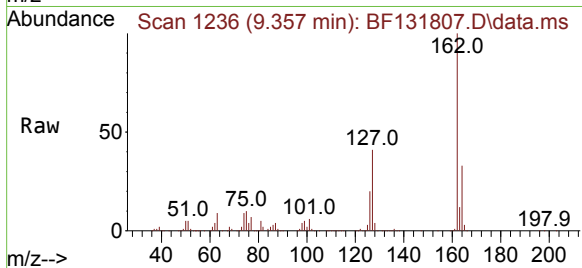
Tgt Ion:162 Resp: 593306

Ion Ratio Lower Upper

162 100

127 40.6 31.4 47.2

164 33.0 26.6 39.8



#48

2-Nitroaniline

Concen: 40.408 ng

RT: 9.463 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

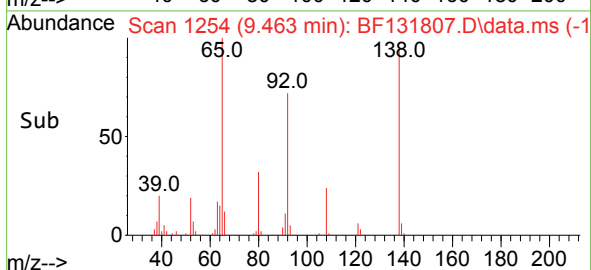
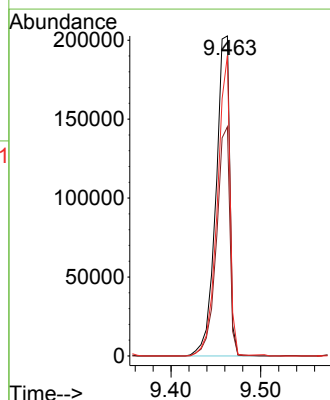
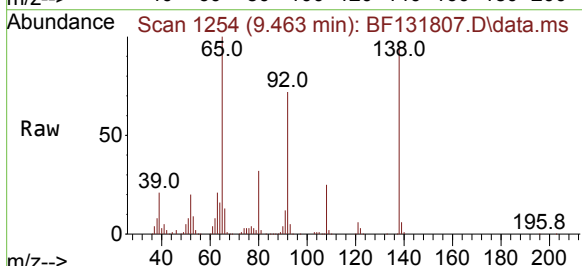
Tgt Ion: 65 Resp: 217670

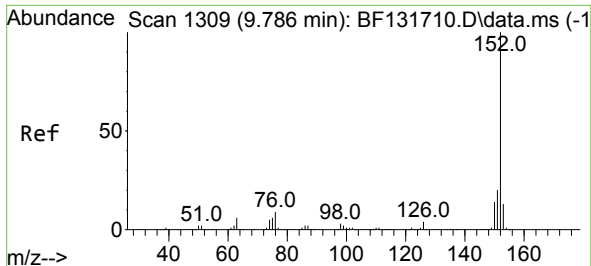
Ion Ratio Lower Upper

65 100

92 71.6 55.5 83.3

138 93.8 74.8 112.2





#49

Acenaphthylene

Concen: 39.886 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

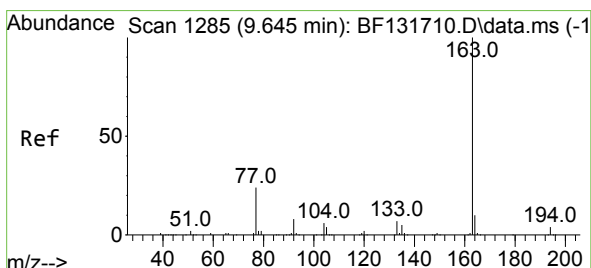
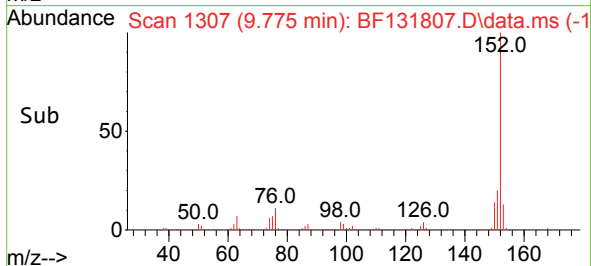
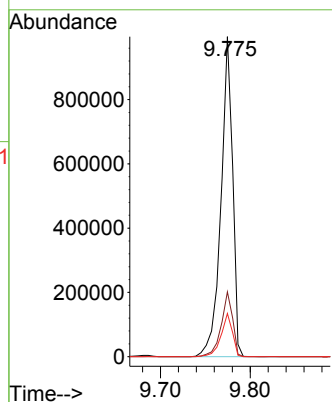
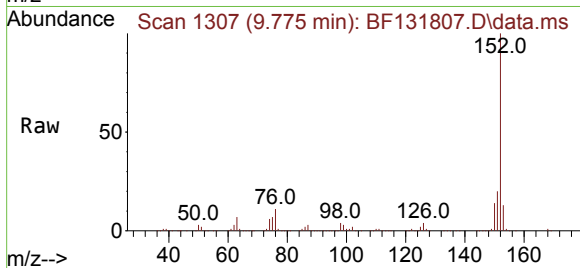
Tgt Ion:152 Resp: 894104

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.5 10.6 15.8



#50

Dimethylphthalate

Concen: 42.049 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

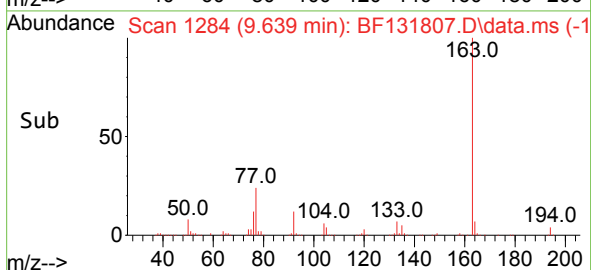
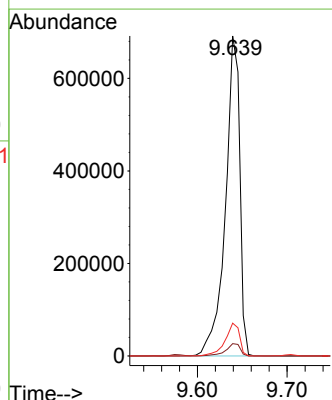
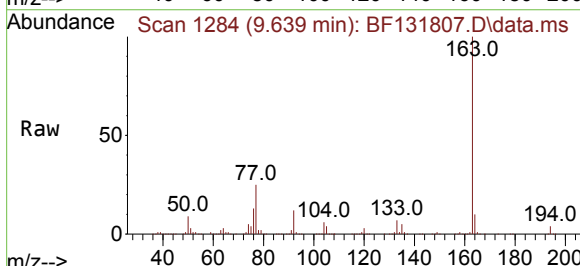
Tgt Ion:163 Resp: 767738

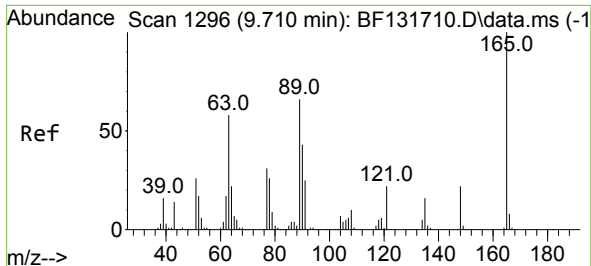
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.2 12.4

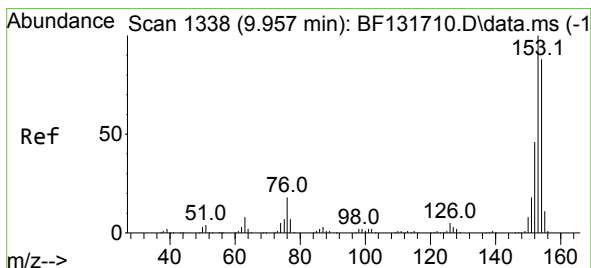
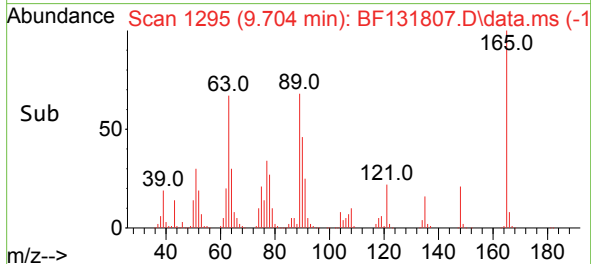
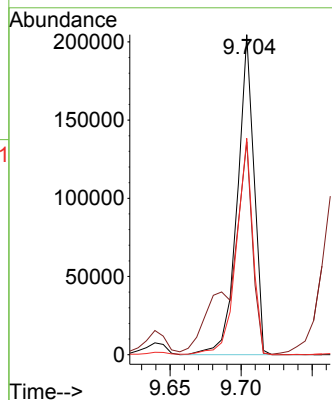
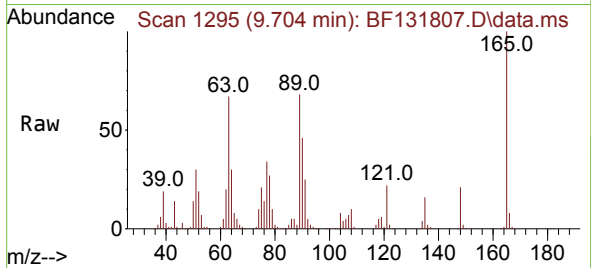




#51
2,6-Dinitrotoluene
Concen: 42.708 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

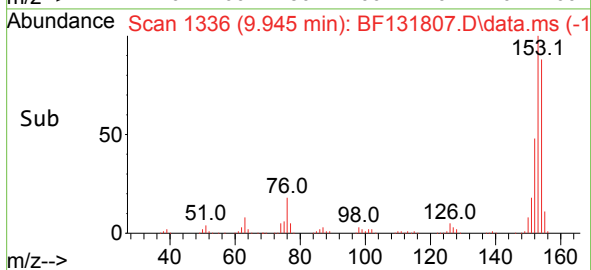
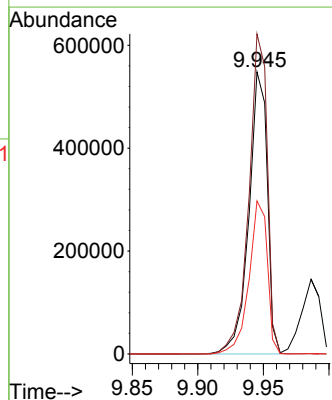
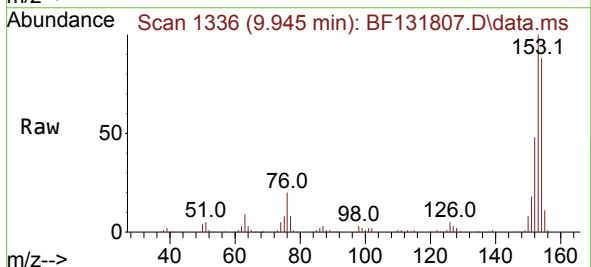
Instrument :
BNA_F
ClientSampleId :
PB149887BS

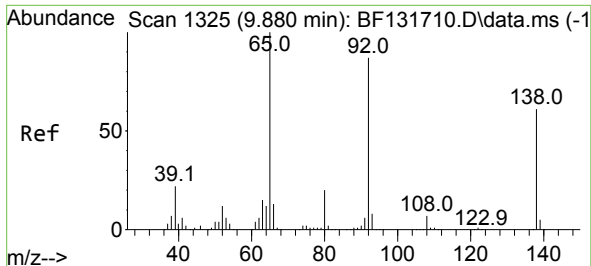
Tgt Ion:165 Resp: 167669
Ion Ratio Lower Upper
165 100
63 66.6 51.8 77.8
89 67.6 53.2 79.8



#52
Acenaphthene
Concen: 38.940 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:154 Resp: 534738
Ion Ratio Lower Upper
154 100
153 113.4 90.4 135.6
152 54.2 42.0 63.0

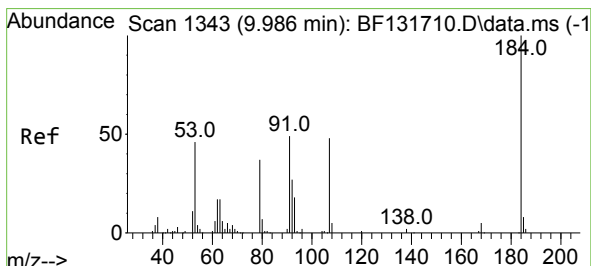
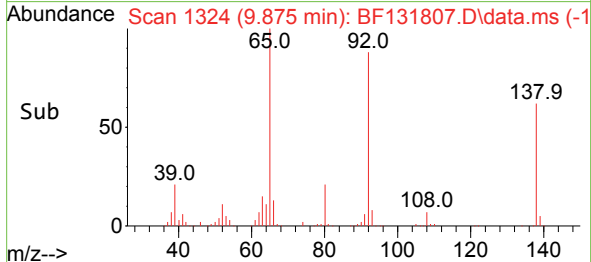
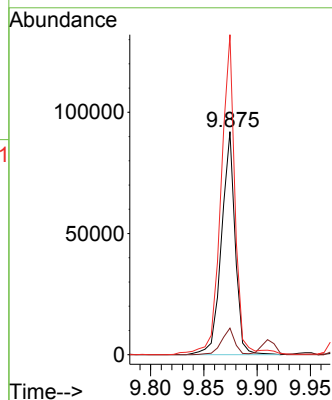
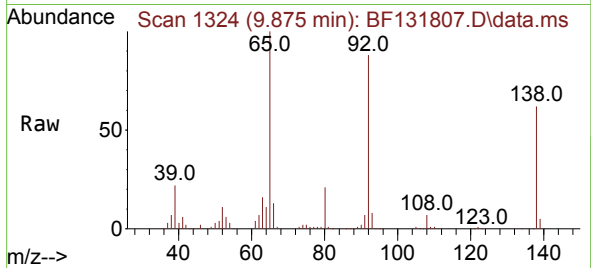




#53
3-Nitroaniline
Concen: 20.395 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

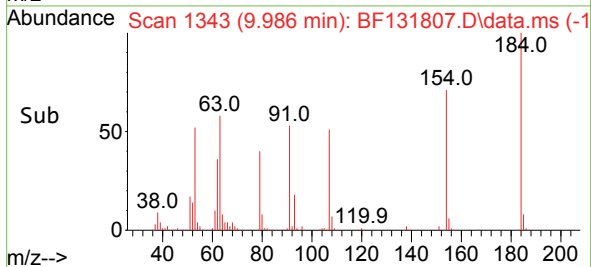
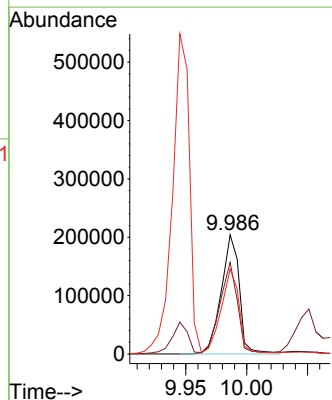
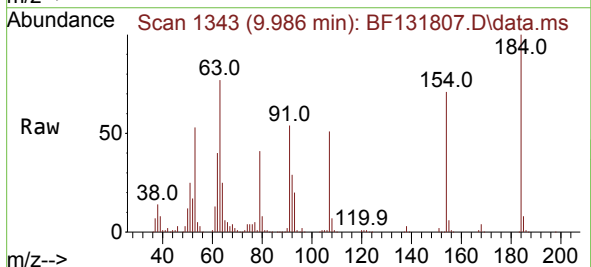
Instrument :
BNA_F
ClientSampleId :
PB149887BS

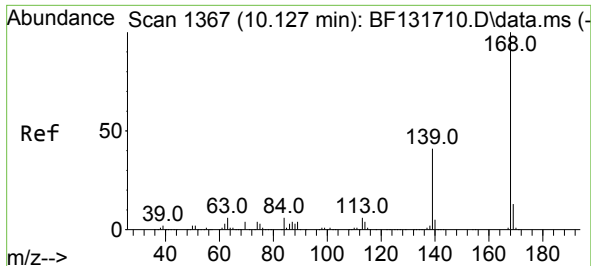
Tgt Ion:138 Resp: 81926
Ion Ratio Lower Upper
138 100
108 11.9 9.2 13.8
92 143.5 114.6 171.8



#54
2,4-Dinitrophenol
Concen: 90.150 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

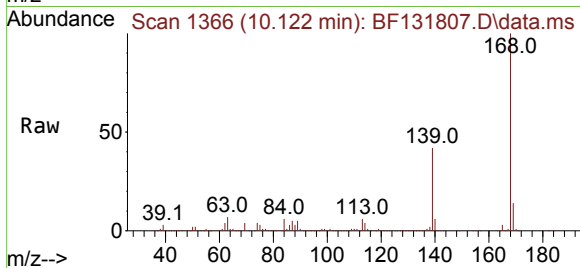
Tgt Ion:184 Resp: 212067
Ion Ratio Lower Upper
184 100
63 76.8 55.8 83.8
154 71.2 57.1 85.7



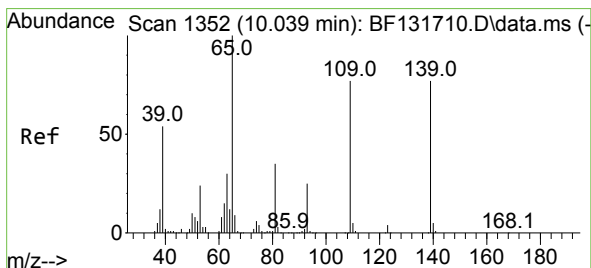
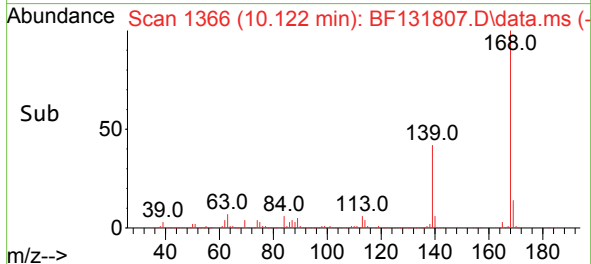
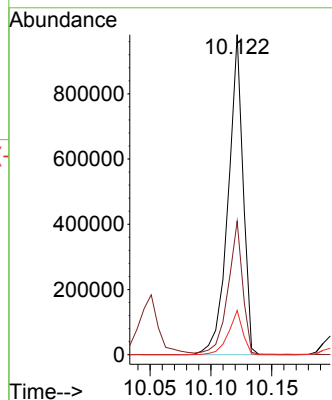


#55
Dibenzenofuran
Concen: 39.651 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Instrument :
BNA_F
ClientSampleId :
PB149887BS

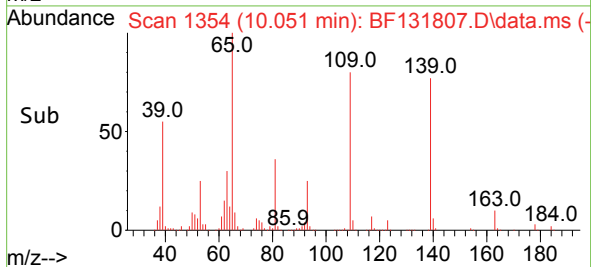
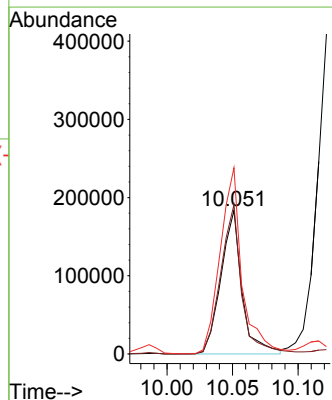
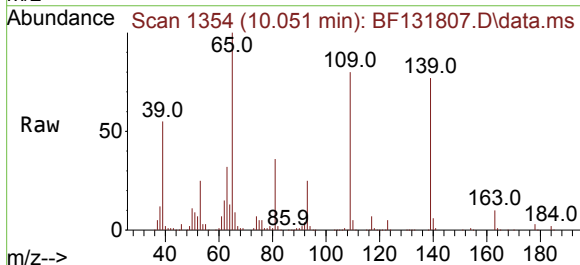


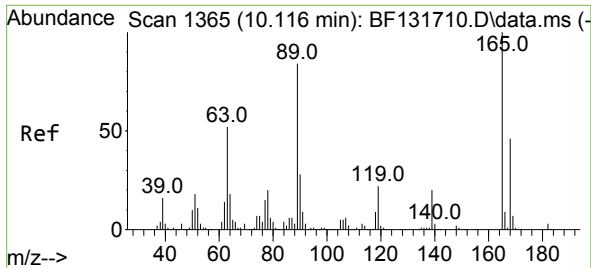
Tgt Ion:168 Resp: 834955
Ion Ratio Lower Upper
168 100
139 41.7 32.7 49.1
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 71.128 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:139 Resp: 204502
Ion Ratio Lower Upper
139 100
109 104.0 79.9 119.9
65 129.8 110.2 150.2

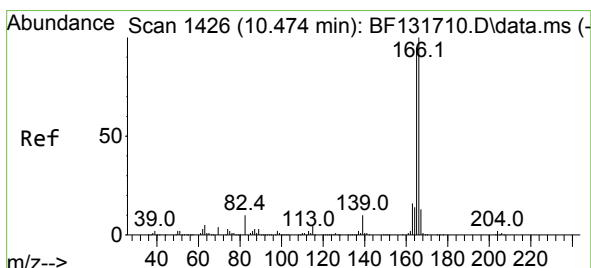
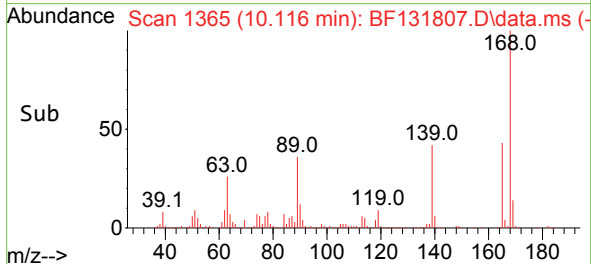
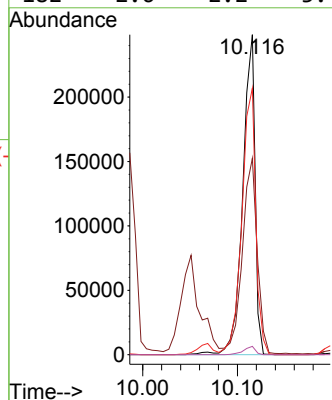
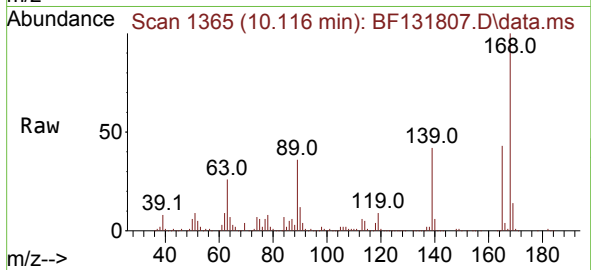




#57
2,4-Dinitrotoluene
Concen: 42.525 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

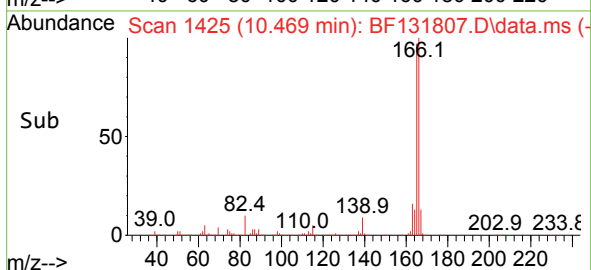
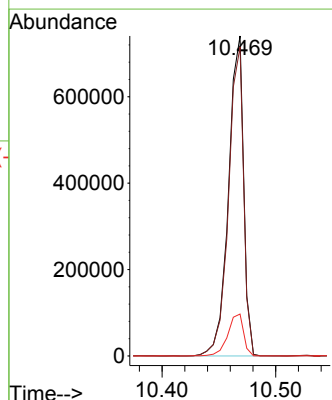
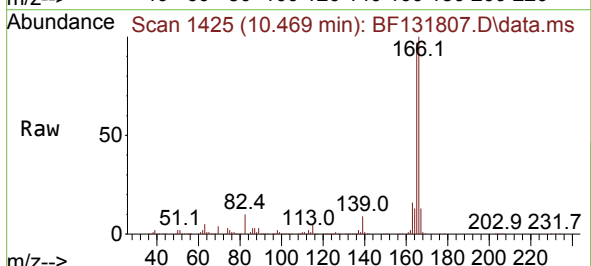
Instrument :
BNA_F
ClientSampleId :
PB149887BS

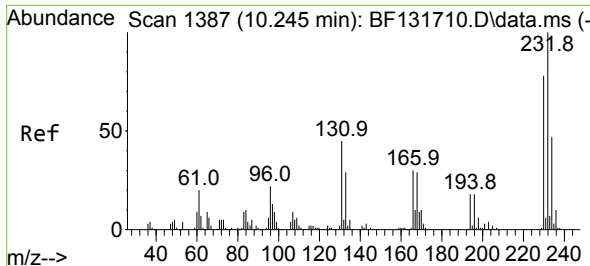
Tgt Ion:165 Resp: 224339
Ion Ratio Lower Upper
165 100
63 61.3 41.5 62.3
89 83.3 67.0 100.4
182 2.6 2.2 3.4



#58
Fluorene
Concen: 40.237 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:166 Resp: 685039
Ion Ratio Lower Upper
166 100
165 96.6 75.8 113.8
167 13.1 10.6 15.8

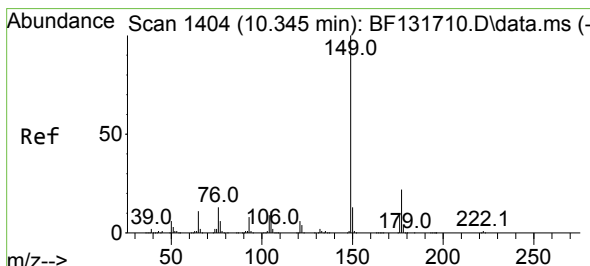
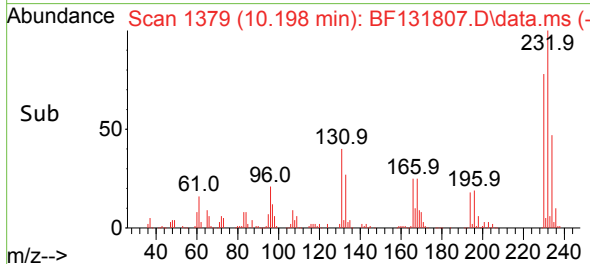
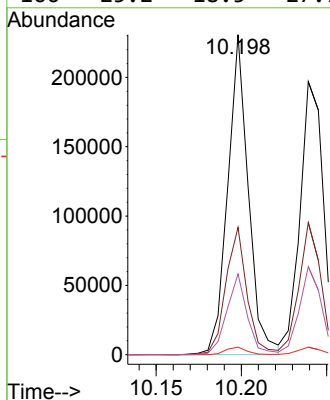
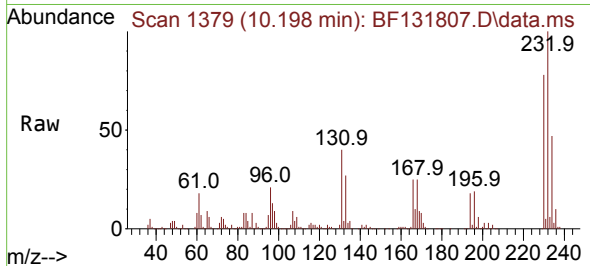




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.768 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

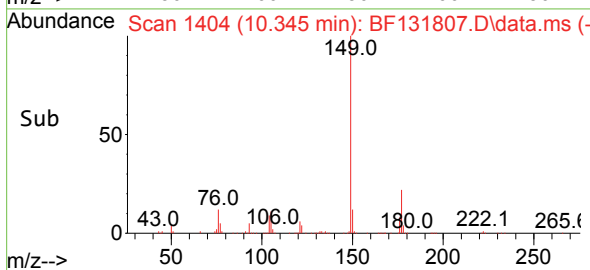
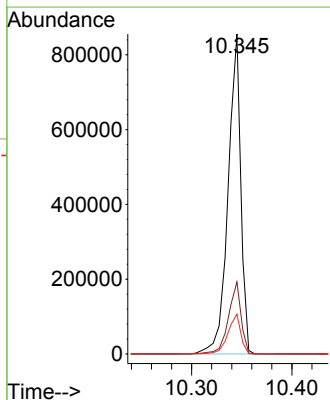
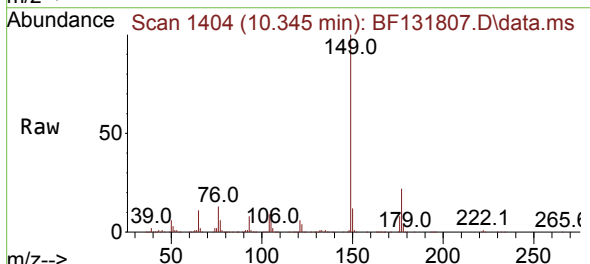
Instrument :
BNA_F
ClientSampleId :
PB149887BS

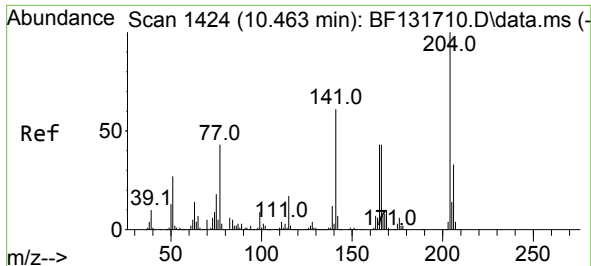
Tgt Ion:232 Resp: 194910
Ion Ratio Lower Upper
232 100
131 41.0 29.9 44.9
130 2.4 1.7 2.5
166 25.2 18.5 27.7



#60
Diethylphthalate
Concen: 42.722 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:149 Resp: 751603
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.0
150 12.4 10.2 15.2

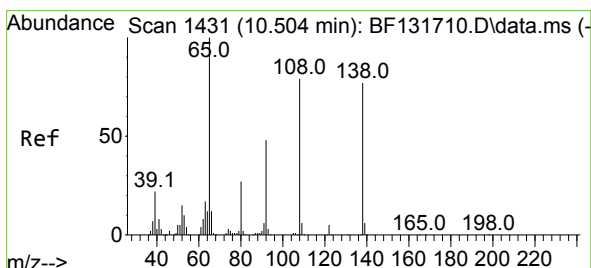
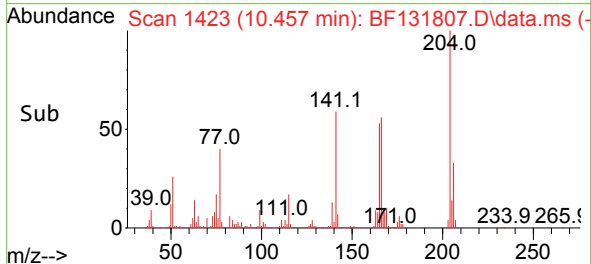
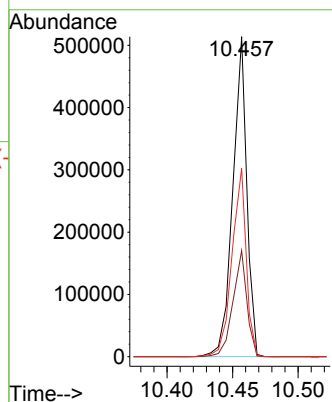
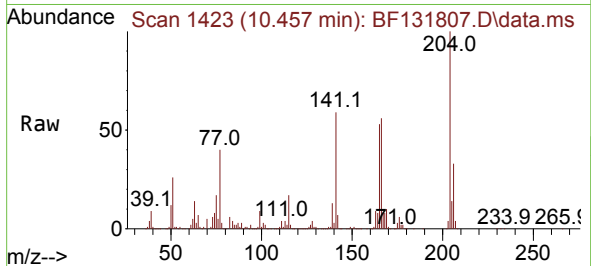




#61
4-Chlorophenyl-phenylether
Concen: 42.237 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

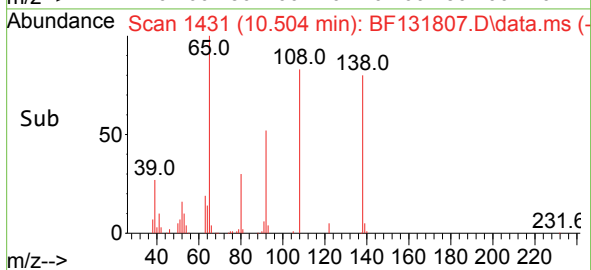
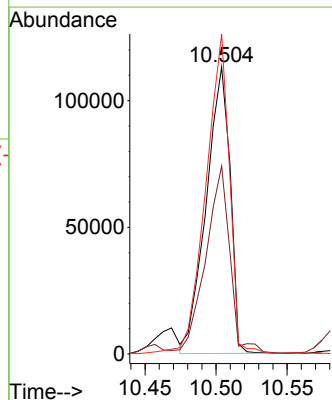
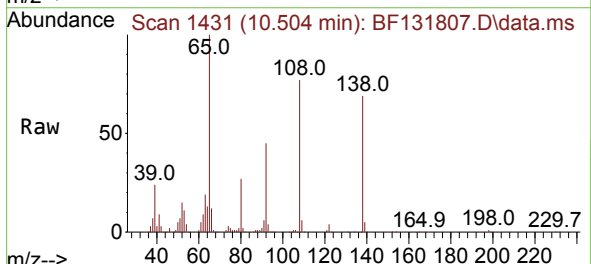
Instrument :
BNA_F
ClientSampleId :
PB149887BS

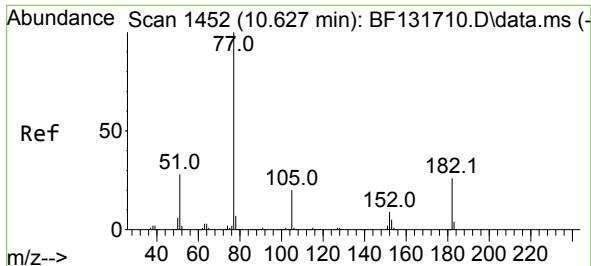
Tgt Ion:204 Resp: 382192
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 58.8 48.6 72.8



#62
4-Nitroaniline
Concen: 32.659 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:138 Resp: 132035
Ion Ratio Lower Upper
138 100
92 65.5 42.1 82.1
108 111.5 83.1 123.1

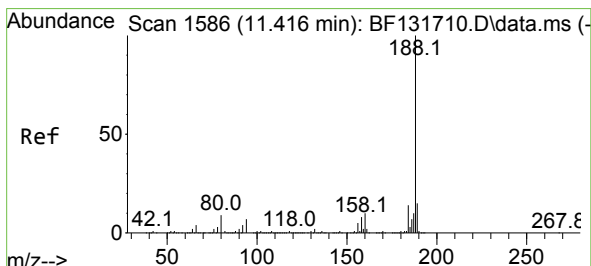
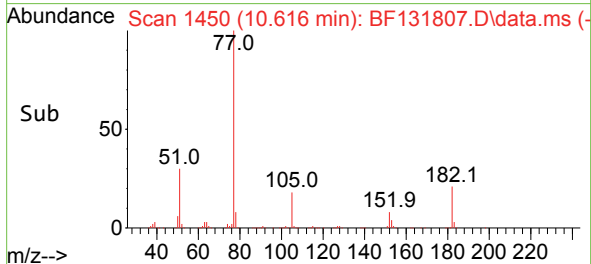
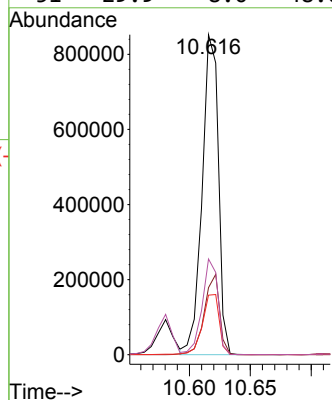
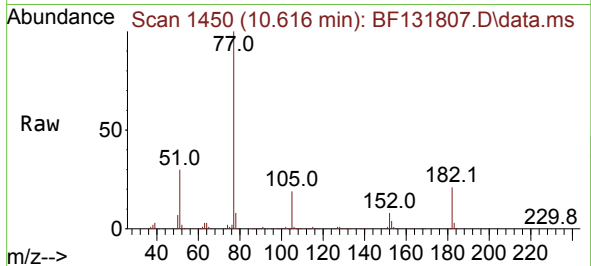




#63
Azobenzene
Concen: 41.080 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

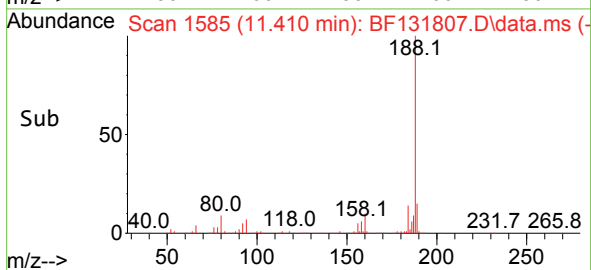
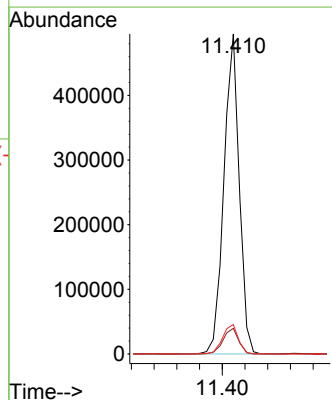
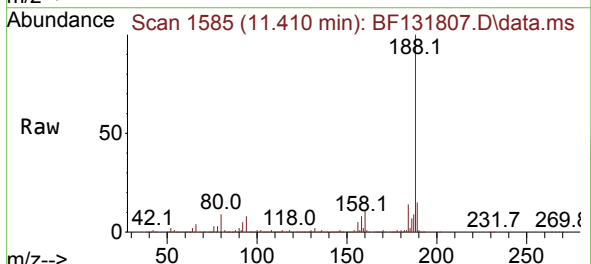
Instrument :
BNA_F
ClientSampleId :
PB149887BS

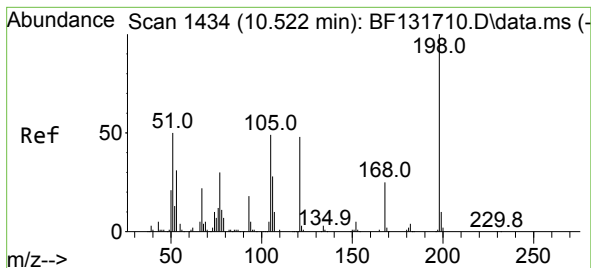
Tgt Ion:	77	Resp:	793635
Ion	Ratio	Lower	Upper
77	100		
182	21.0	5.8	45.8
105	18.6	0.0	39.7
51	29.9	8.0	48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:	188	Resp:	463624
Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.9	8.9
80	9.2	7.0	10.6

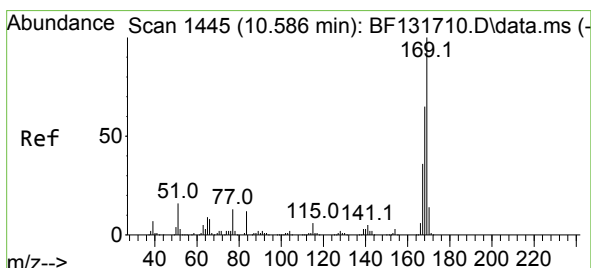
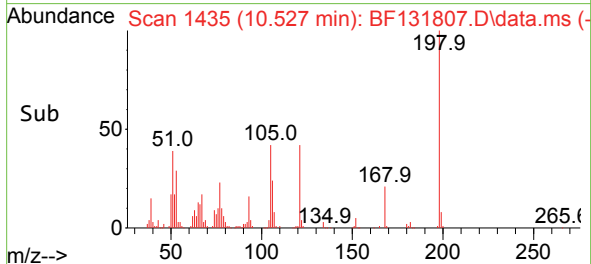
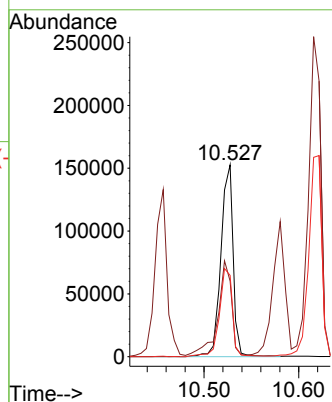
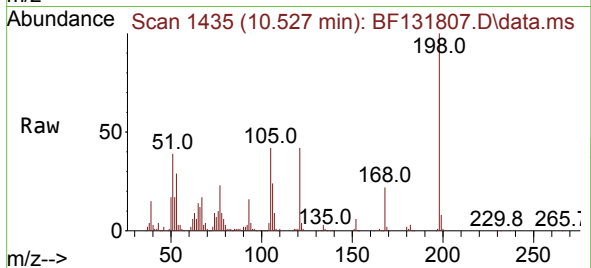




#65
4,6-Dinitro-2-methylphenol
Concen: 43.184 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

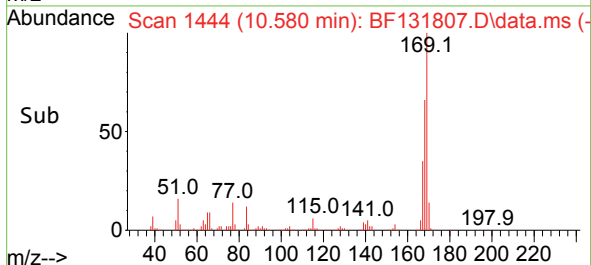
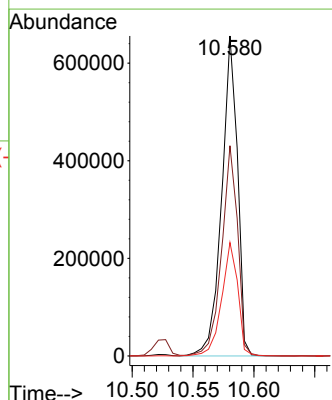
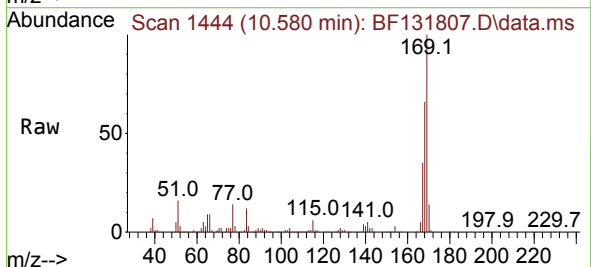
Instrument :
BNA_F
ClientSampleId :
PB149887BS

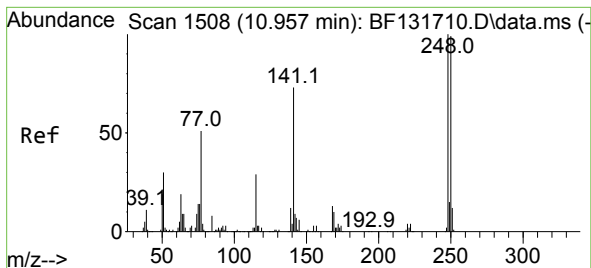
Tgt Ion:198 Resp: 137457
Ion Ratio Lower Upper
198 100
51 39.3 34.1 74.1
105 42.4 29.7 69.7



#66
n-Nitrosodiphenylamine
Concen: 41.182 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:169 Resp: 592090
Ion Ratio Lower Upper
169 100
168 65.7 52.4 78.6
167 35.5 28.6 42.8

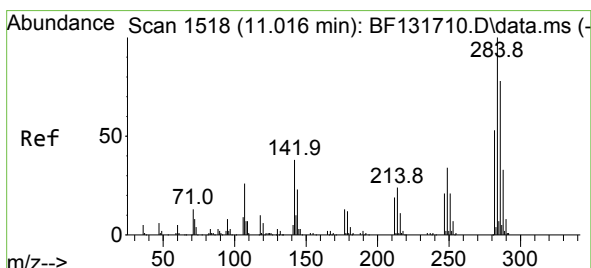
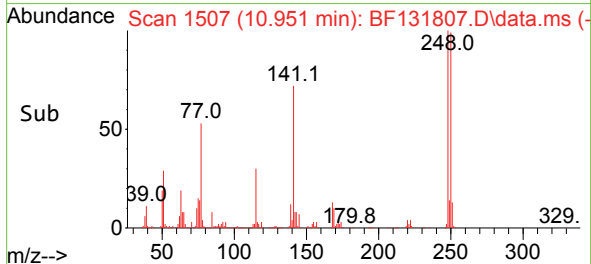
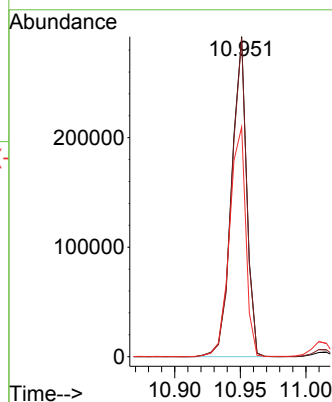
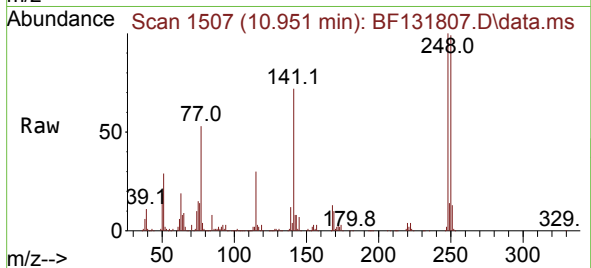




#67
4-Bromophenyl-phenylether
Concen: 42.781 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

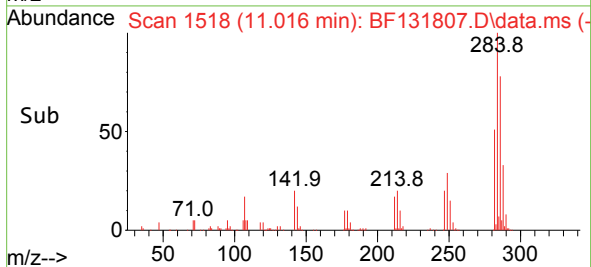
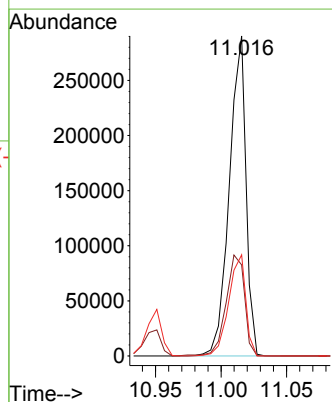
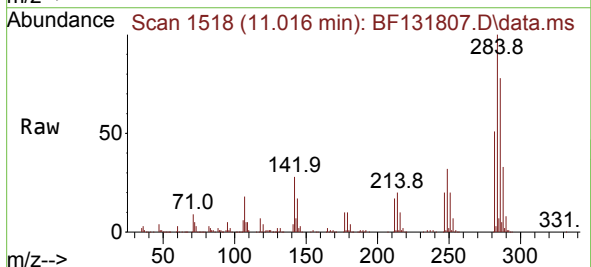
Instrument :
BNA_F
ClientSampleId :
PB149887BS

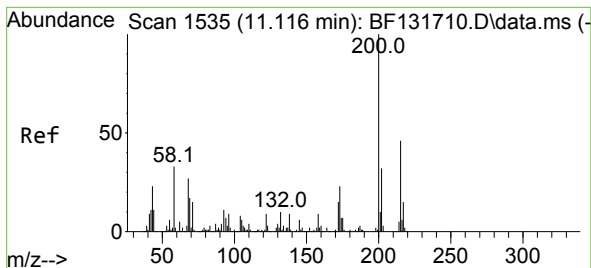
Tgt Ion:248 Resp: 234259
Ion Ratio Lower Upper
248 100
250 99.4 79.4 119.0
141 71.8 58.1 87.1



#68
Hexachlorobenzene
Concen: 42.558 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:284 Resp: 256298
Ion Ratio Lower Upper
284 100
142 28.4 30.2 45.4#
249 31.6 27.2 40.8





#69

Atrazine

Concen: 17.602 ng

RT: 11.104 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

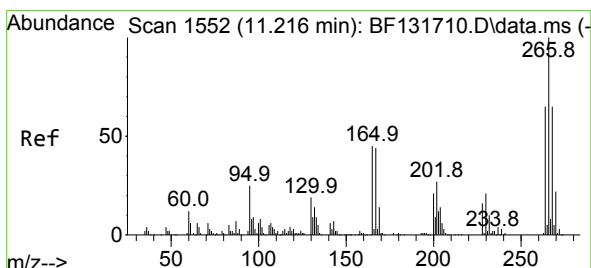
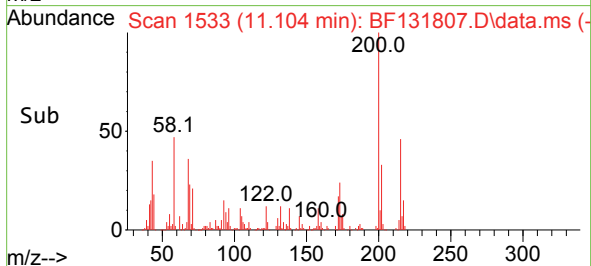
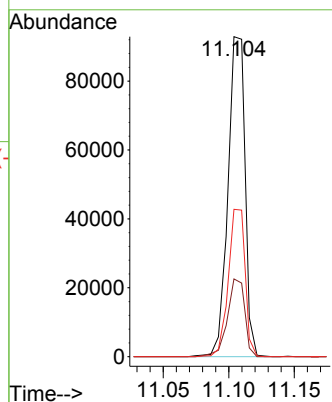
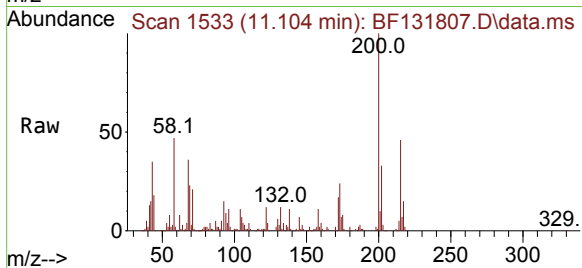
Tgt Ion:200 Resp: 84360

Ion Ratio Lower Upper

200 100

173 24.3 2.7 42.7

215 46.0 26.4 66.4



#70

Pentachlorophenol

Concen: 84.274 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

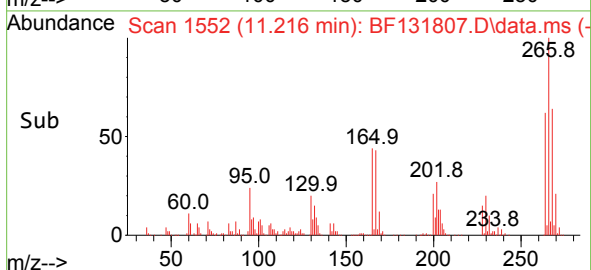
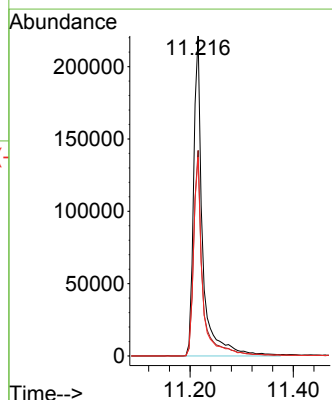
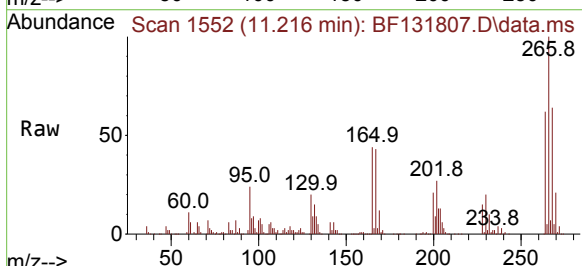
Tgt Ion:266 Resp: 269368

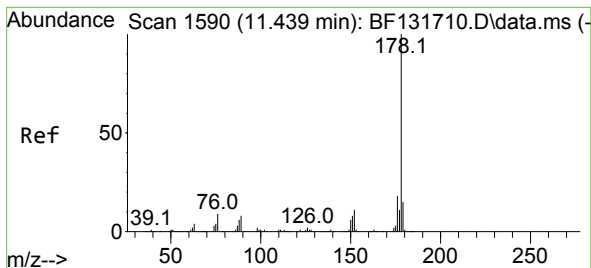
Ion Ratio Lower Upper

266 100

268 64.3 52.2 78.4

264 62.2 52.0 78.0





#71

Phenanthrene

Concen: 39.782 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

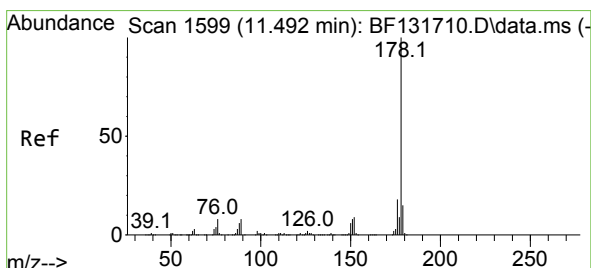
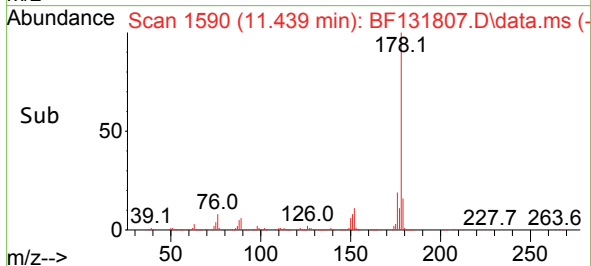
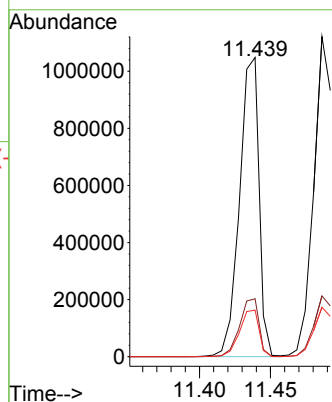
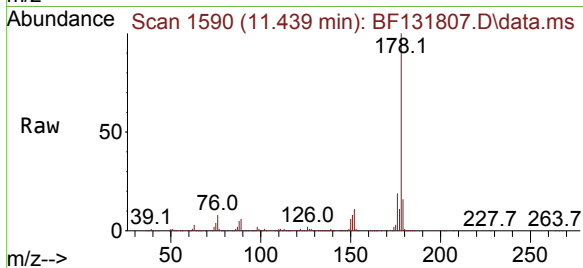
Tgt Ion:178 Resp: 1005725

Ion Ratio Lower Upper

178 100

176 19.4 14.8 22.2

179 15.6 12.2 18.4



#72

Anthracene

Concen: 41.327 ng

RT: 11.486 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

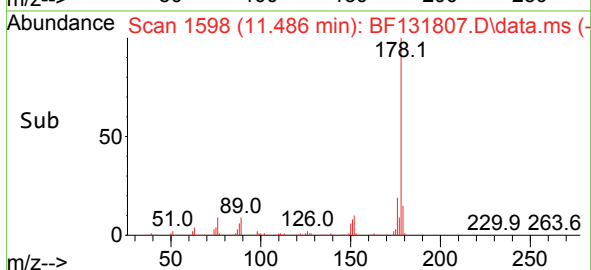
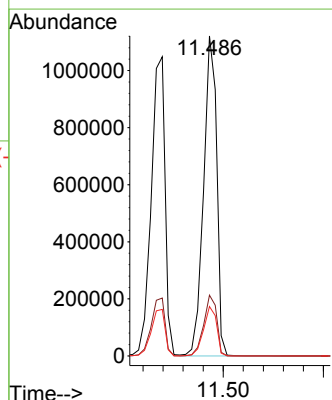
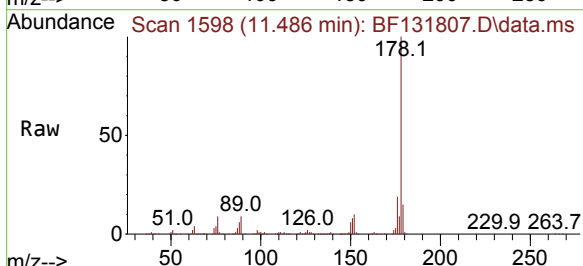
Tgt Ion:178 Resp: 1022977

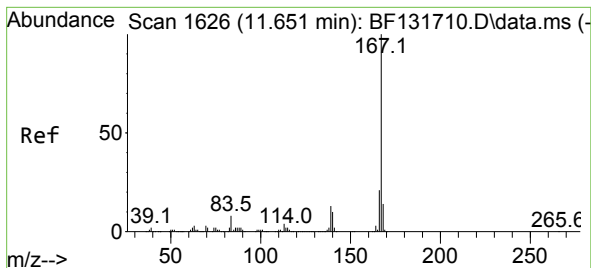
Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 15.4 12.2 18.4





#73

Carbazole

Concen: 39.782 ng

RT: 11.645 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

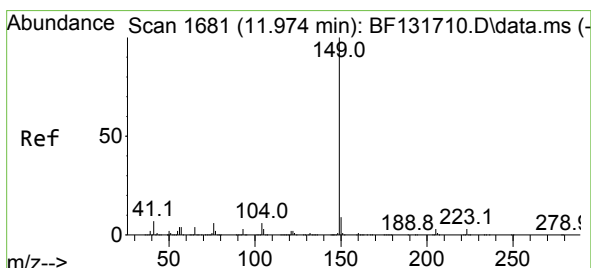
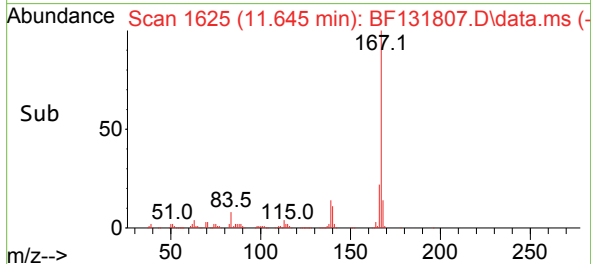
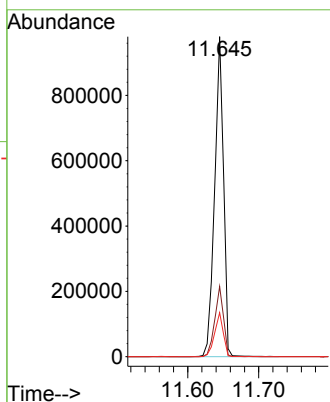
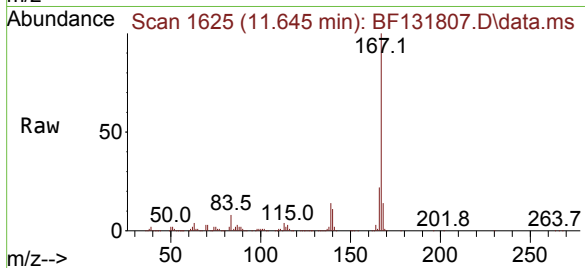
Tgt Ion:167 Resp: 851962

Ion Ratio Lower Upper

167 100

166 22.0 17.1 25.7

139 13.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.654 ng

RT: 11.974 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

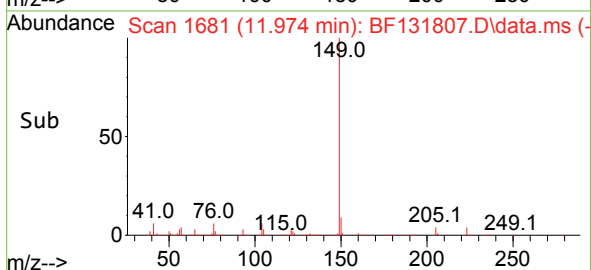
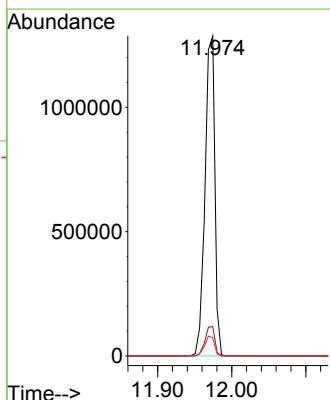
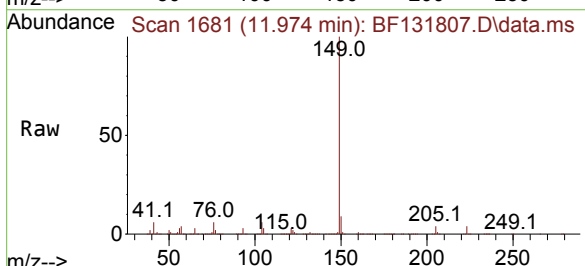
Tgt Ion:149 Resp: 1190770

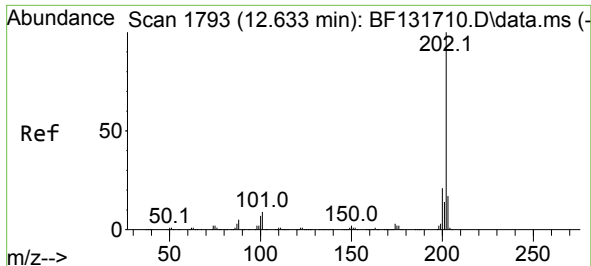
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.7 5.0 7.4

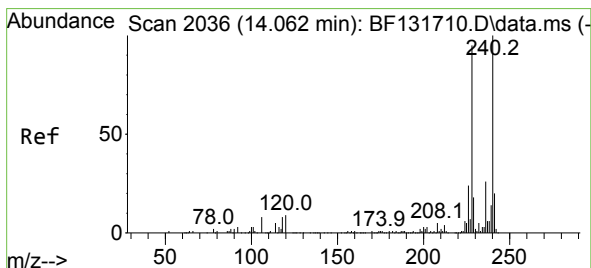
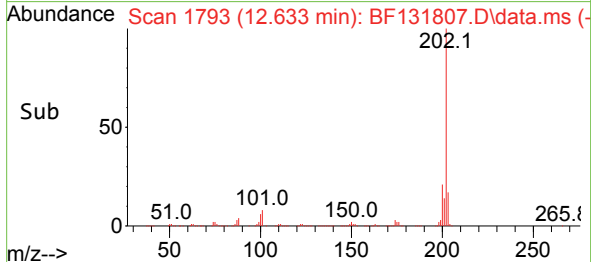
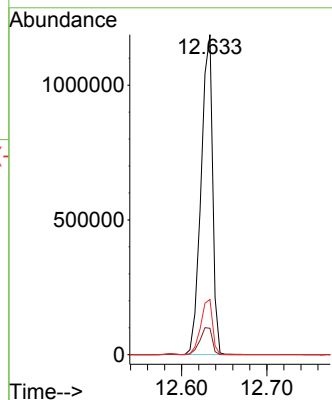
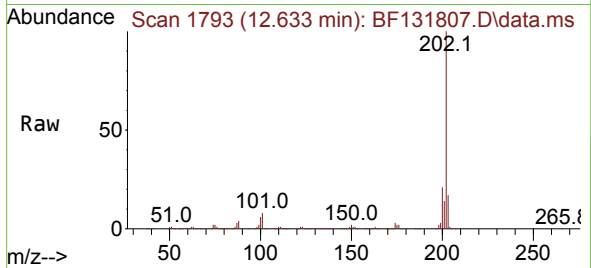




#75
Fluoranthene
Concen: 39.586 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

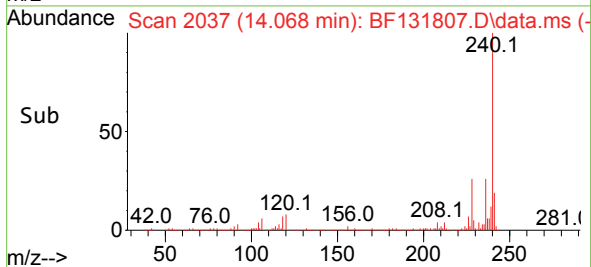
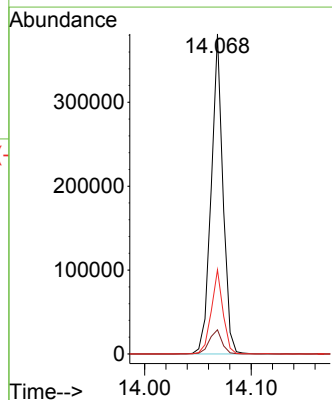
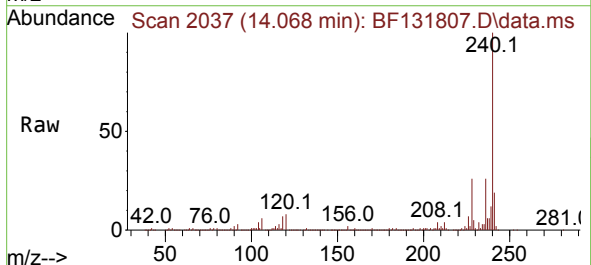
Instrument :
BNA_F
ClientSampleId :
PB149887BS

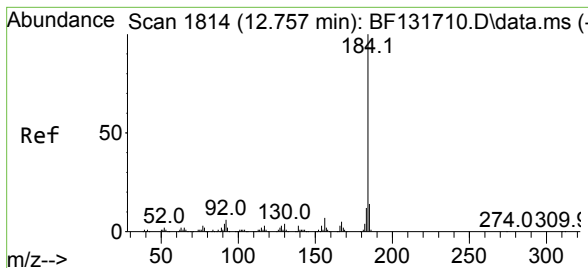
Tgt Ion:202 Resp: 1114566
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.8
203 17.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF131807.D
Acq: 23 Dec 2022 15:30

Tgt Ion:240 Resp: 292664
Ion Ratio Lower Upper
240 100
120 7.5 7.6 11.4#
236 26.3 21.2 31.8





#77

Benzidine

Concen: 8.297 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

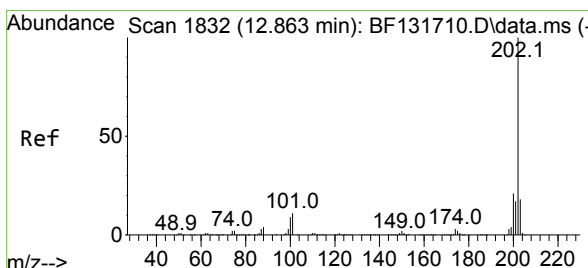
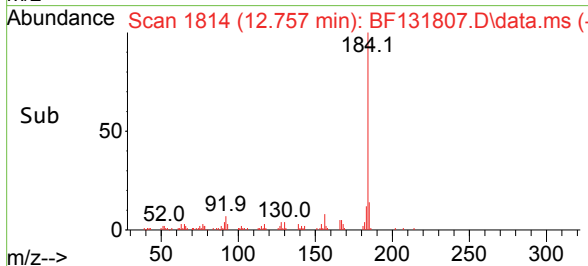
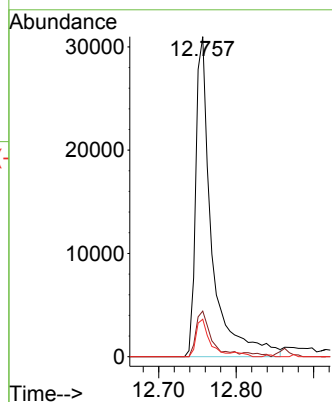
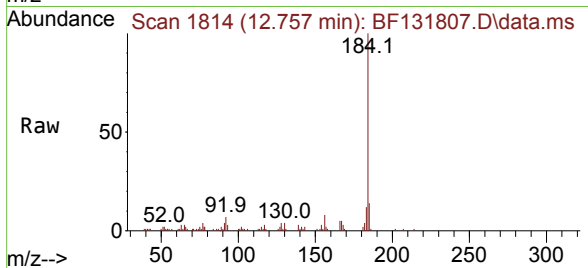
Tgt Ion:184 Resp: 44525

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

183 11.7 9.3 13.9



#78

Pyrene

Concen: 41.580 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

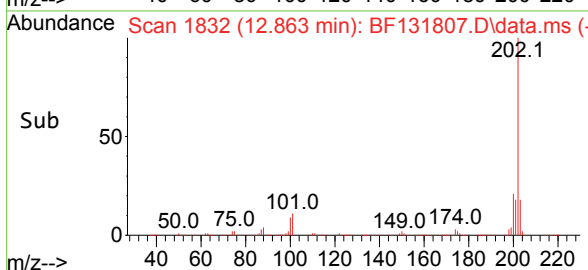
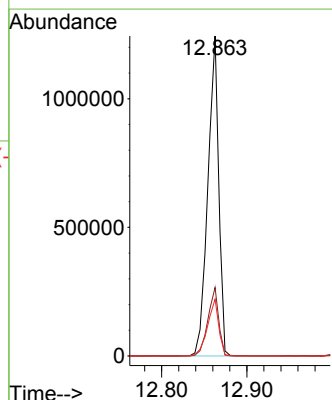
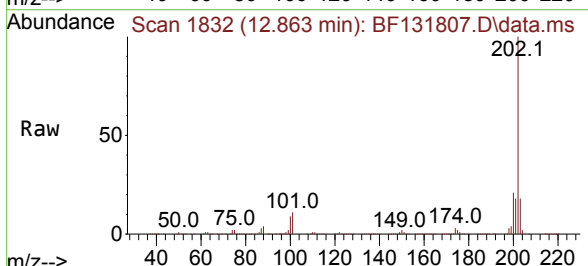
Tgt Ion:202 Resp: 1106385

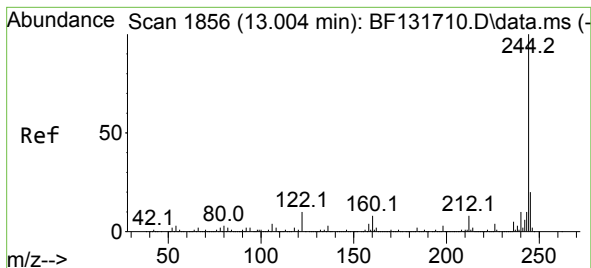
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 94.159 ng

RT: 13.010 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

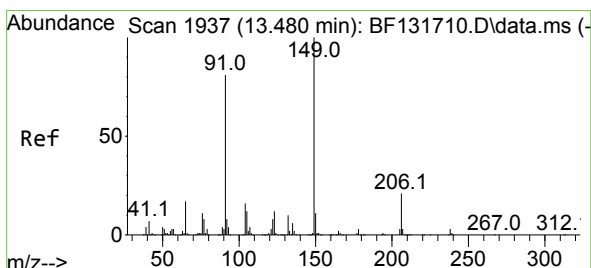
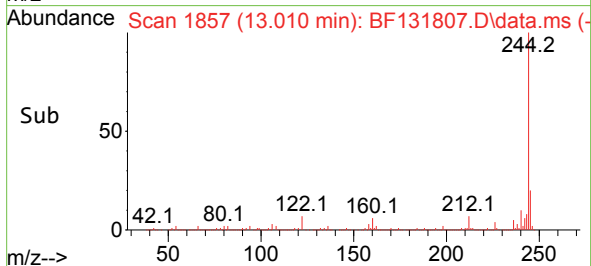
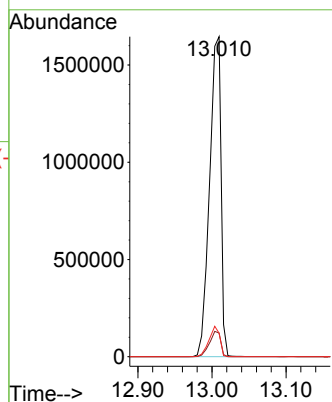
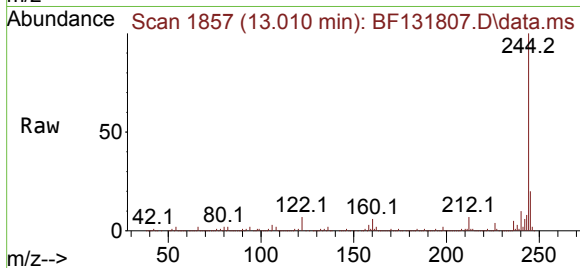
Tgt Ion:244 Resp: 1768148

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 7.4 7.7 11.5#



#80

Butylbenzylphthalate

Concen: 47.537 ng

RT: 13.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

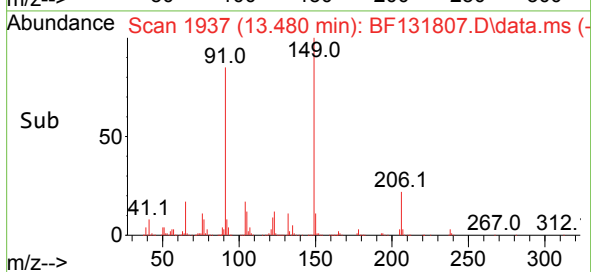
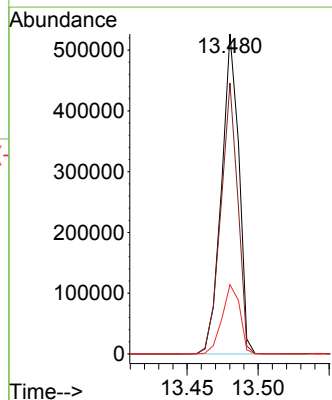
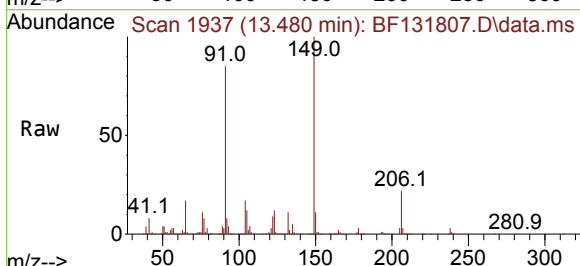
Tgt Ion:149 Resp: 446129

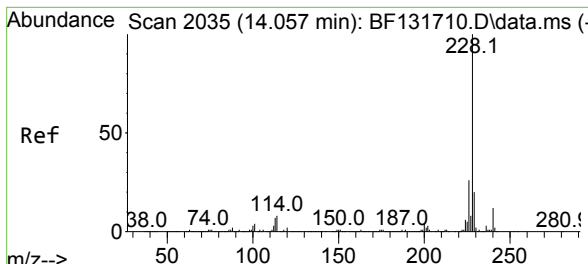
Ion Ratio Lower Upper

149 100

91 84.7 64.9 97.3

206 21.7 17.0 25.4



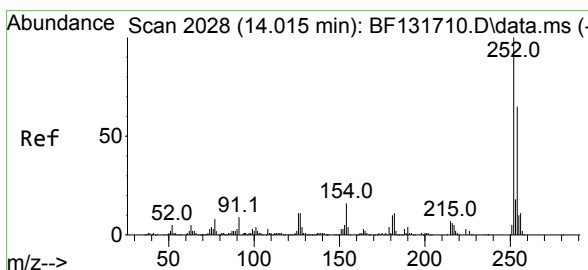
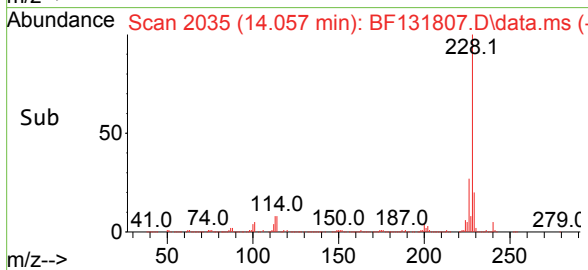
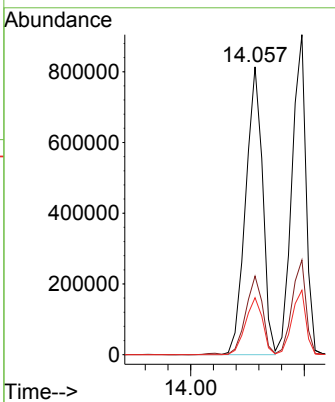
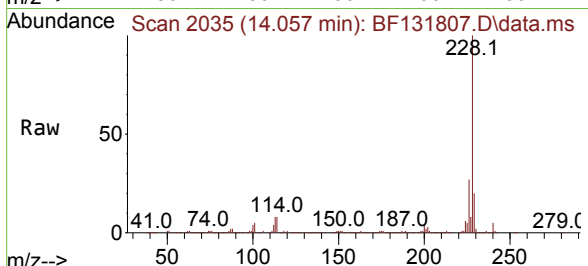


#81
 Benzo(a)anthracene
 Concen: 39.977 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB149887BS

Tgt Ion:228 Resp: 842630

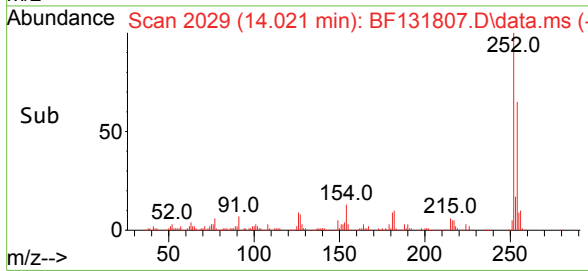
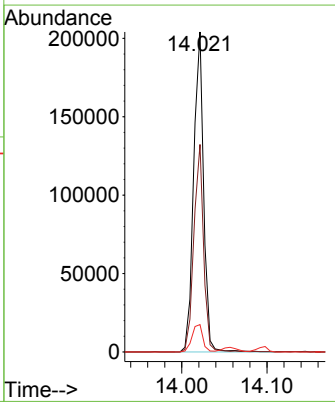
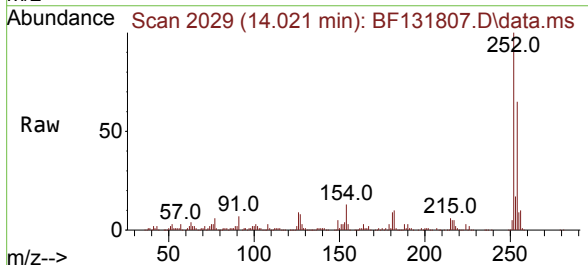
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.0	31.4
229	19.8	15.8	23.8

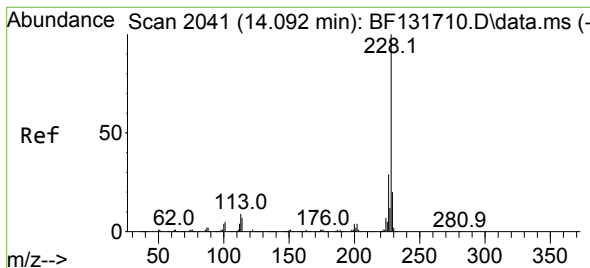


#82
 3,3'-Dichlorobenzidine
 Concen: 28.207 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

Tgt Ion:252 Resp: 165990

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	8.6	8.4	12.6





#83

Chrysene

Concen: 39.043 ng

RT: 14.098 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

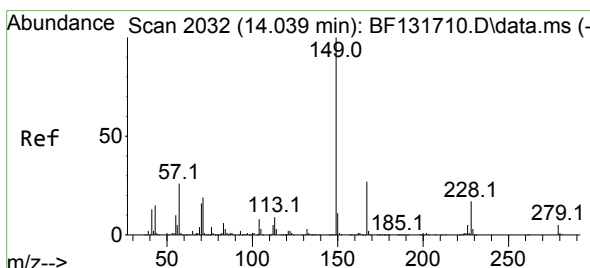
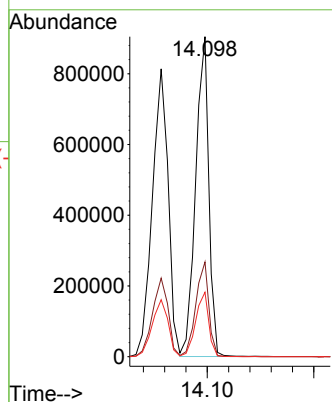
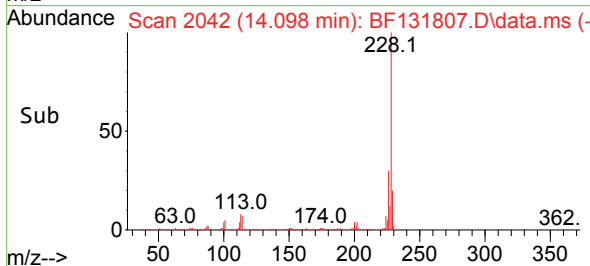
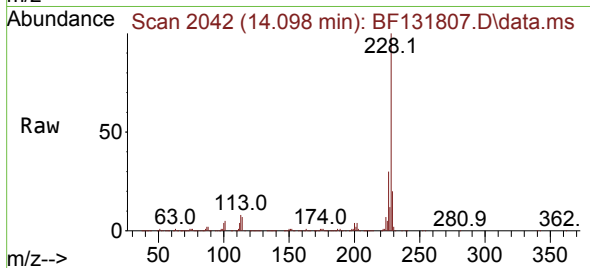
Tgt Ion:228 Resp: 776725

Ion Ratio Lower Upper

228 100

226 29.6 23.5 35.3

229 20.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.373 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

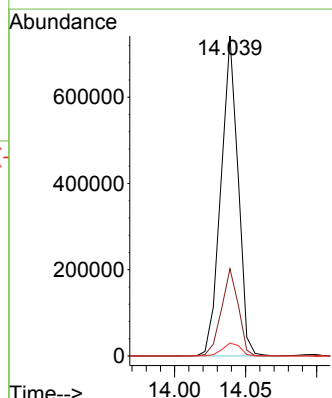
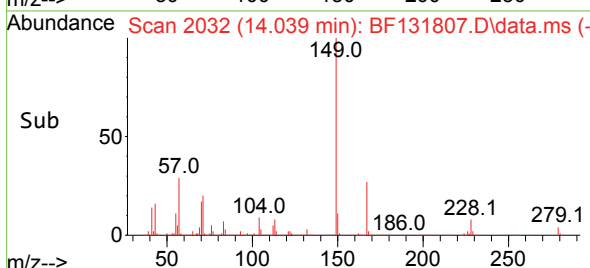
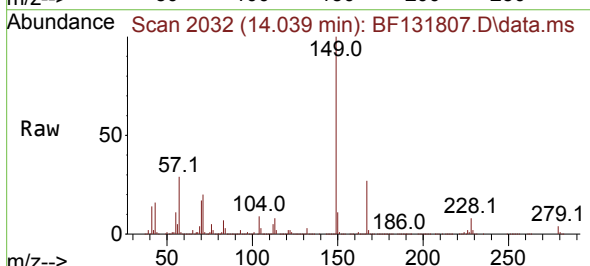
Tgt Ion:149 Resp: 619662

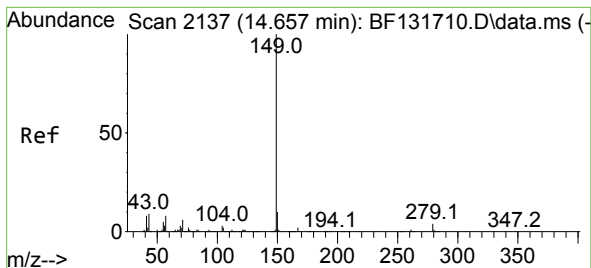
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 4.1 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 54.740 ng

RT: 14.657 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

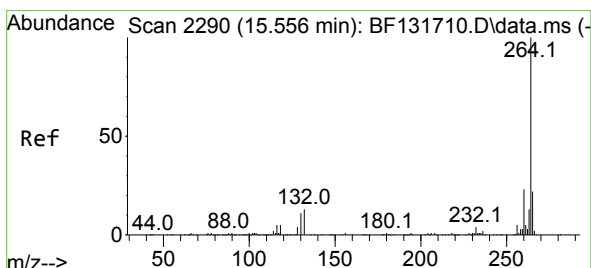
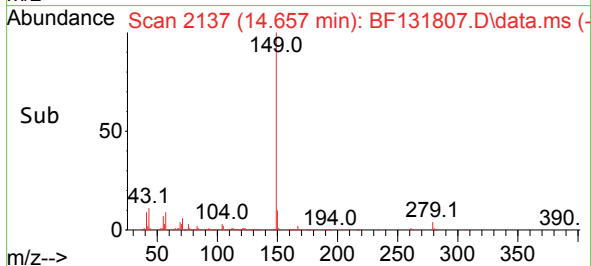
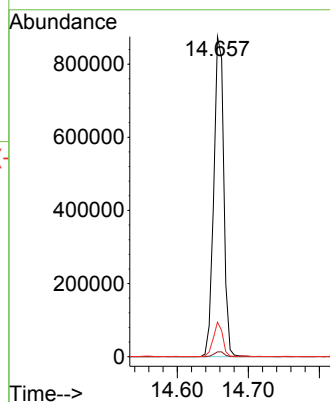
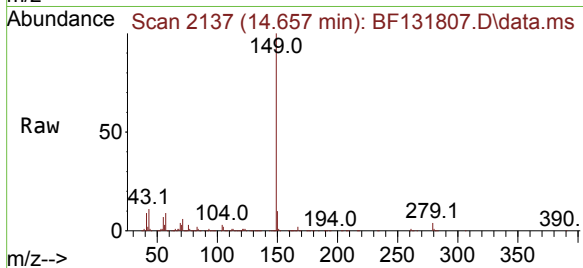
Tgt Ion:149 Resp: 855106

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.1 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2291

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

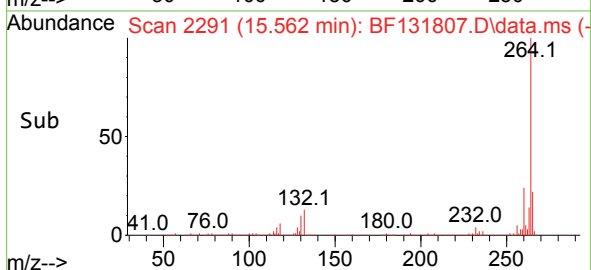
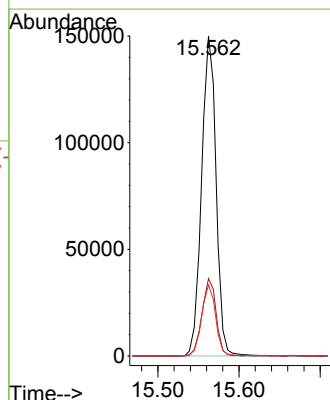
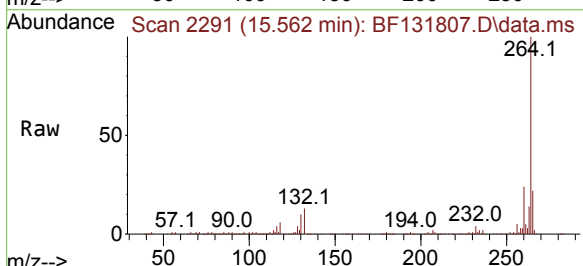
Tgt Ion:264 Resp: 185838

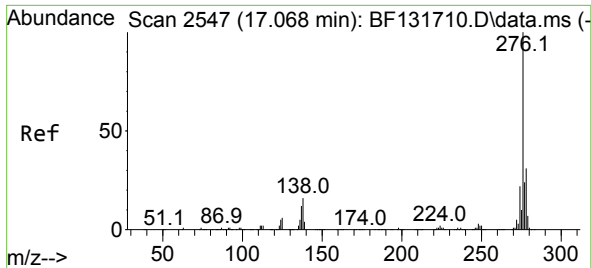
Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 22.2 17.4 26.2

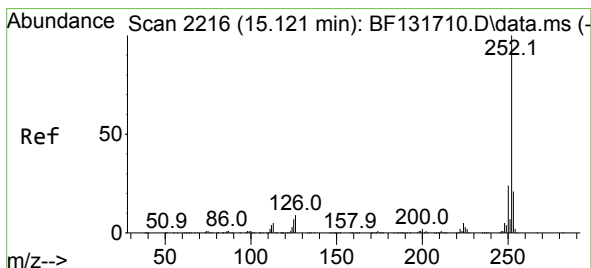
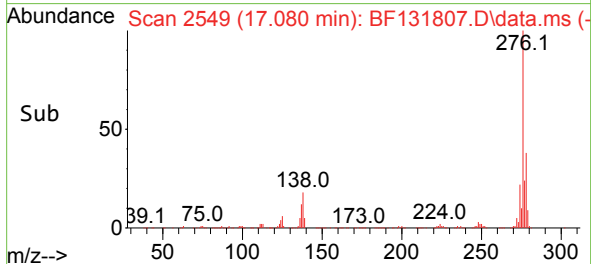
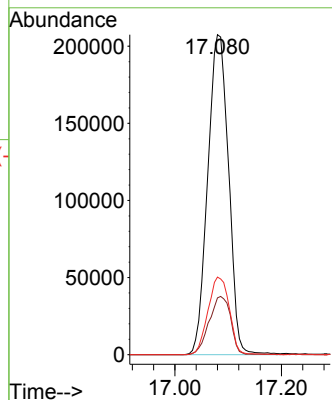
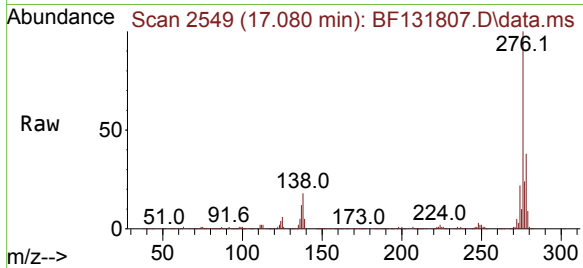




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.105 ng
 RT: 17.080 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

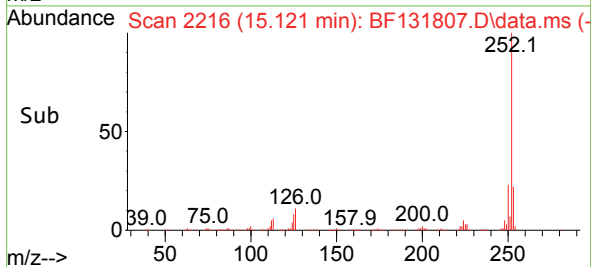
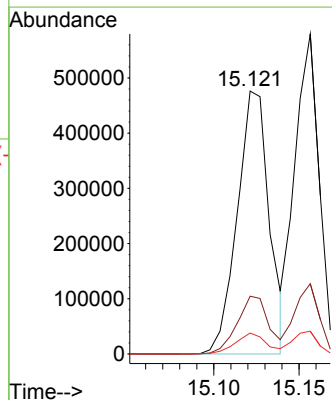
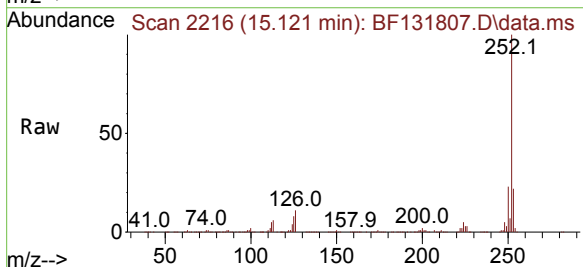
Instrument :
 BNA_F
 ClientSampleId :
 PB149887BS

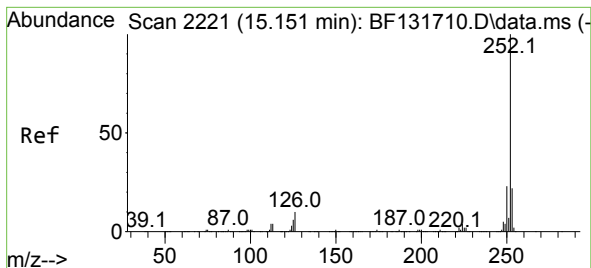
Tgt Ion:276 Resp: 563021
 Ion Ratio Lower Upper
 276 100
 138 18.9 14.4 21.6
 277 24.9 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 47.321 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. -0.006 min
 Lab File: BF131807.D
 Acq: 23 Dec 2022 15:30

Tgt Ion:252 Resp: 622170
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.2 25.8
 125 8.0 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 45.141 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

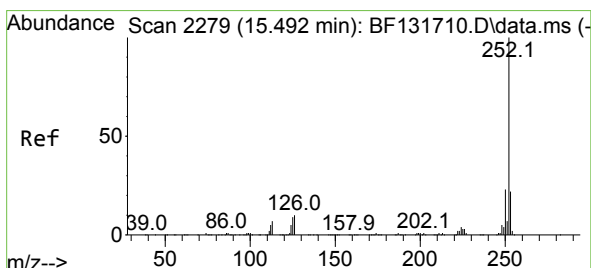
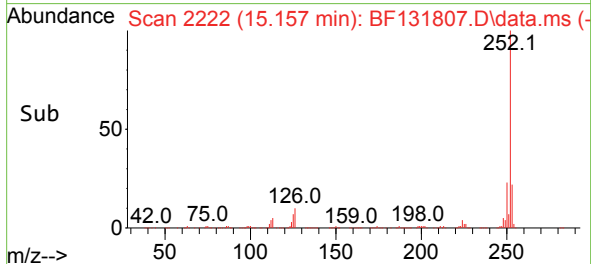
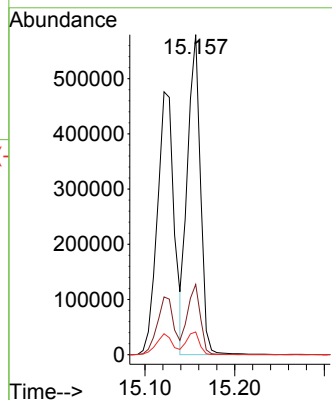
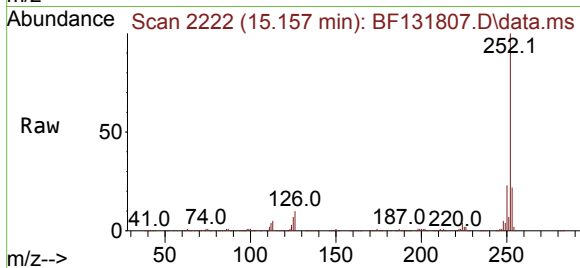
Tgt Ion:252 Resp: 579138

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 7.1 5.2 7.8



#90

Benzo(a)pyrene

Concen: 47.295 ng

RT: 15.504 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

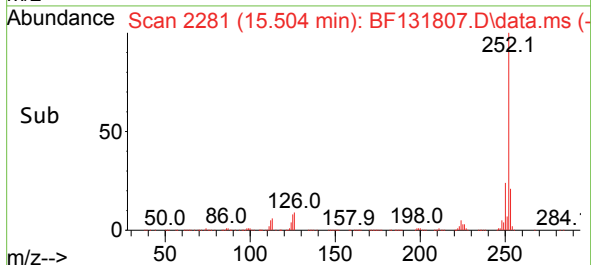
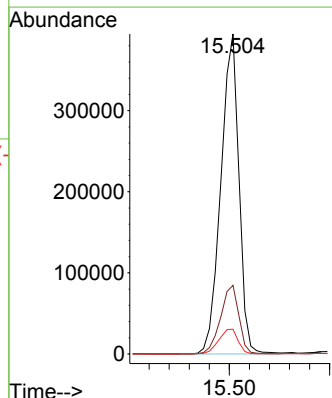
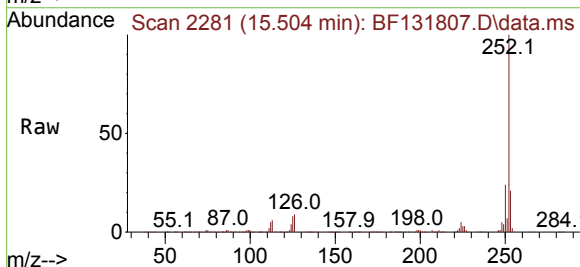
Tgt Ion:252 Resp: 492551

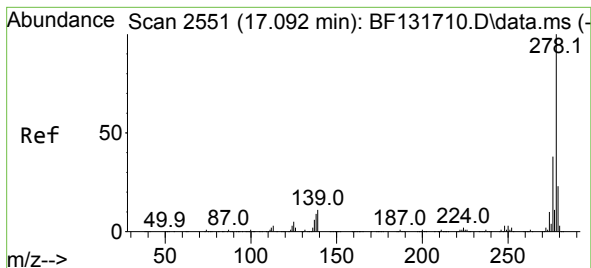
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 7.8 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 47.817 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Instrument :

BNA_F

ClientSampleId :

PB149887BS

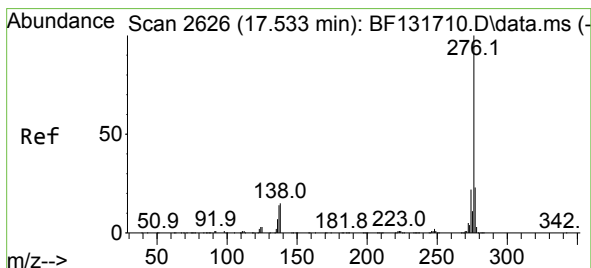
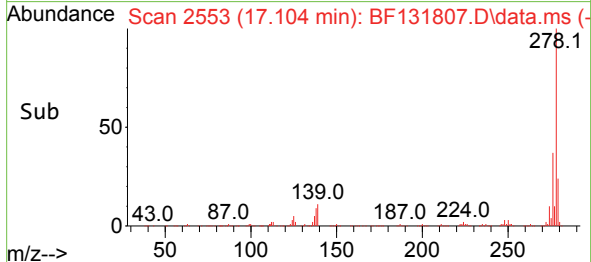
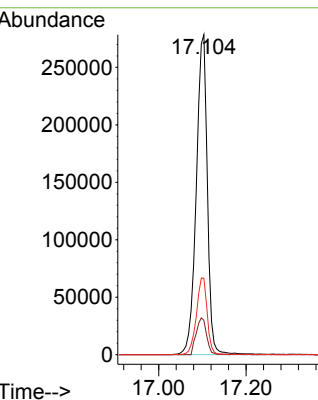
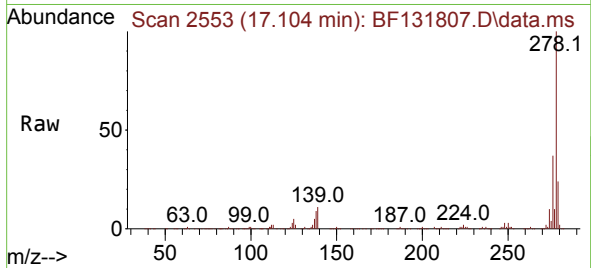
Tgt Ion:278 Resp: 493262

Ion Ratio Lower Upper

278 100

139 10.8 8.7 13.1

279 23.9 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 45.372 ng

RT: 17.545 min Scan# 2628

Delta R.T. -0.006 min

Lab File: BF131807.D

Acq: 23 Dec 2022 15:30

Tgt Ion:276 Resp: 462610

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 15.0 12.3 18.5

