

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132407.D
 Acq On : 13 Feb 2023 13:27
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:12:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	91134	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	495035	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	246609	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	461531	20.000	ng	0.00
76) Chrysene-d12	14.242	240	233579	20.000	ng	0.00
86) Perylene-d12	15.807	264	316093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	539749	95.199	ng	0.00
7) Phenol-d6	6.655	99	510559	73.042	ng	0.00
23) Nitrobenzene-d5	7.602	82	453128	50.936	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	264886	104.449	ng	0.00
45) 2-Fluorobiphenyl	9.396	172	1327413	83.122	ng	0.00
79) Terphenyl-d14	13.172	244	1496123	123.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.908	88	168442	63.140	ng	100
3) Pyridine	3.684	79	316048	43.669	ng	100
4) n-Nitrosodimethylamine	3.643	42	104140	44.969	ng	100
6) Aniline	6.702	93	286939	30.251	ng	100
8) 2-Chlorophenol	6.819	128	238845	40.674	ng	100
9) Benzaldehyde	6.584	77	84277	19.755	ng	100
10) Phenol	6.666	94	255997	35.384	ng	100
11) bis(2-Chloroethyl)ether	6.766	93	241680	40.589	ng	100
12) 1,3-Dichlorobenzene	6.978	146	260850	42.000	ng	100
13) 1,4-Dichlorobenzene	7.055	146	260127	41.960	ng	100
14) 1,2-Dichlorobenzene	7.207	146	244599	42.307	ng	100
15) Benzyl Alcohol	7.172	79	158033	30.985	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.302	45	178945	28.525	ng	100
17) 2-Methylphenol	7.278	107	197741	38.470	ng	100
18) Hexachloroethane	7.549	117	100669	43.286	ng	100
19) n-Nitroso-di-n-propyla...	7.443	70	130286	32.814	ng	100
20) 3+4-Methylphenols	7.431	107	251766	38.375	ng	100
22) Acetophenone	7.443	105	311969	26.797	ng	100
24) Nitrobenzene	7.619	77	222269	24.457	ng	100
25) Isophorone	7.855	82	531805	31.497	ng	100
26) 2-Nitrophenol	7.931	139	171516	38.745	ng	100
27) 2,4-Dimethylphenol	7.960	122	273794	35.335	ng	100
28) bis(2-Chloroethoxy)met...	8.060	93	375844	36.222	ng	100
29) 2,4-Dichlorophenol	8.172	162	298068	43.328	ng	100
30) 1,2,4-Trichlorobenzene	8.260	180	329436	44.719	ng	100
31) Naphthalene	8.343	128	1013295	41.585	ng	100
32) Benzoic acid	8.066	122	171837	29.960	ng	100
33) 4-Chloroaniline	8.390	127	316828	29.322	ng	100
34) Hexachlorobutadiene	8.454	225	201687	48.700	ng	100
35) Caprolactam	8.760	113	90064	38.403	ng	100
36) 4-Chloro-3-methylphenol	8.860	107	307733	41.522	ng	100
37) 2-Methylnaphthalene	9.037	142	695227	42.121	ng	100
38) 1-Methylnaphthalene	9.137	142	646263	42.133	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	319951	46.103	ng	100
41) Hexachlorocyclopentadiene	9.190	237	204775	50.575	ng	100
43) 2,4,6-Trichlorophenol	9.307	196	220055	44.359	ng	100

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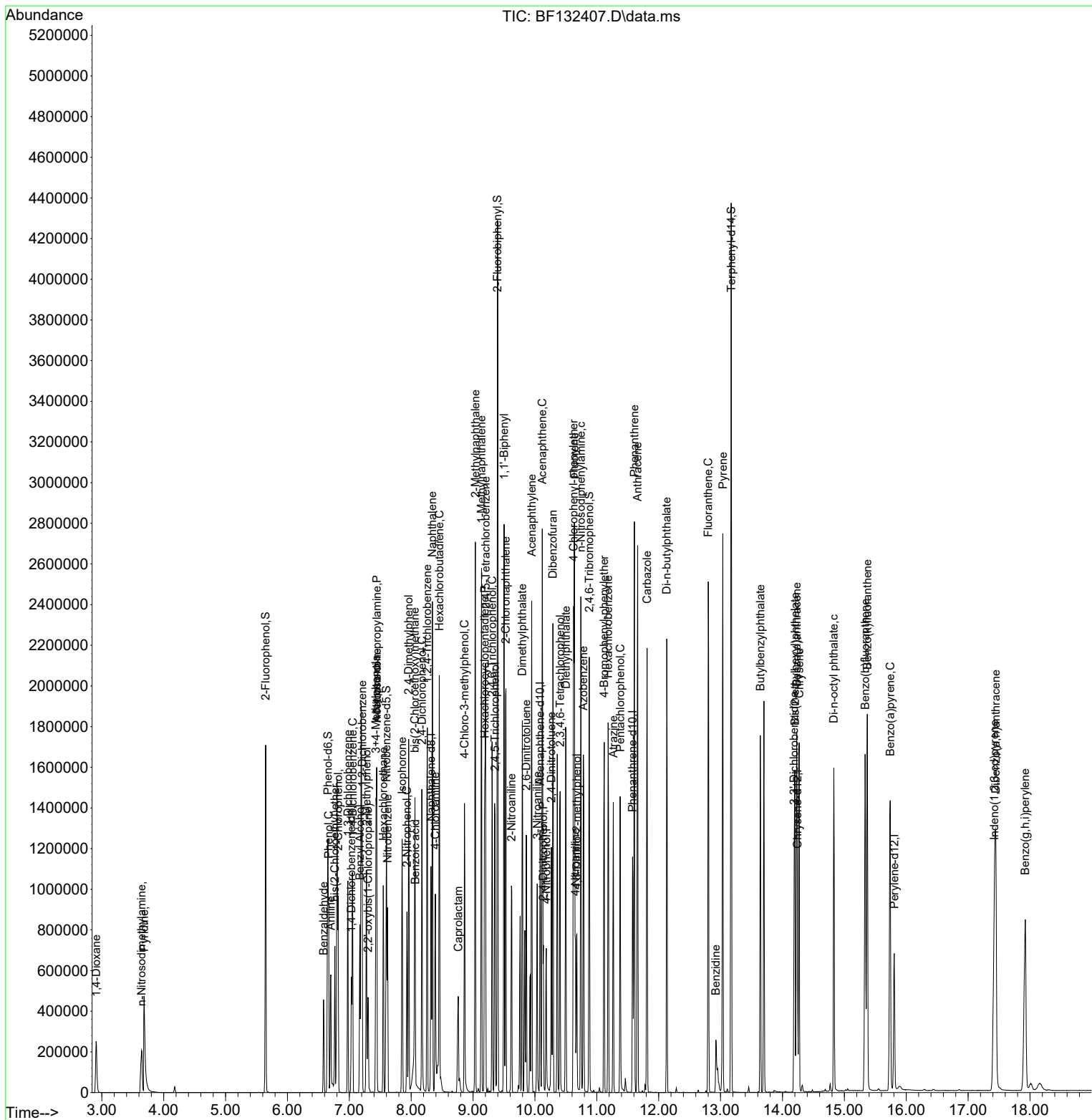
Instrument :
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 ClientSampleId :

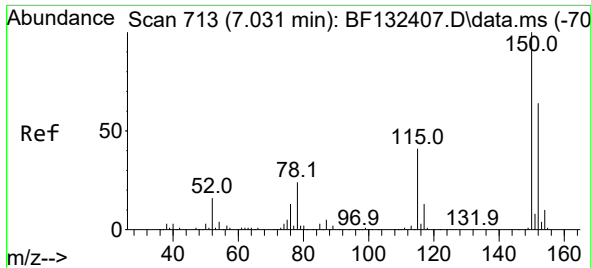
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:06:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	252570	44.234	ng	100
46) 1,1'-Biphenyl	9.501	154	801299	42.147	ng	100
47) 2-Chloronaphthalene	9.531	162	617942	42.674	ng	100
48) 2-Nitroaniline	9.619	65	150906	35.041	ng	100
49) Acenaphthylene	9.948	152	983455	41.613	ng	100
50) Dimethylphthalate	9.796	163	743071	43.075	ng	100
51) 2,6-Dinitrotoluene	9.860	165	168490	43.733	ng	100
52) Acenaphthene	10.119	154	634976	42.916	ng	100
53) 3-Nitroaniline	10.037	138	189446	40.548	ng	100
54) 2,4-Dinitrophenol	10.137	184	94931	47.774	ng	100
55) Dibenzofuran	10.290	168	873809	42.033	ng	100
56) 4-Nitrophenol	10.184	139	144549	41.114	ng	100
57) 2,4-Dinitrotoluene	10.266	165	224573	44.873	ng	100
58) Fluorene	10.637	166	676219	42.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.407	232	191205	45.934	ng	100
60) Diethylphthalate	10.501	149	751284	43.779	ng	100
61) 4-Chlorophenyl-phenyle...	10.625	204	342744	45.140	ng	100
62) 4-Nitroaniline	10.654	138	171212	38.214	ng	100
63) Azobenzene	10.784	77	589553	35.269	ng	100
65) 4,6-Dinitro-2-methylph...	10.678	198	125079	47.750	ng	100
66) n-Nitrosodiphenylamine	10.743	169	599574	41.487	ng	100
67) 4-Bromophenyl-phenylether	11.119	248	218150	46.159	ng	100
68) Hexachlorobenzene	11.184	284	238294	47.174	ng	100
69) Atrazine	11.266	200	176811	42.534	ng	100
70) Pentachlorophenol	11.378	266	151525	43.658	ng	100
71) Phenanthrene	11.607	178	997506	41.360	ng	100
72) Anthracene	11.660	178	1029563	41.947	ng	100
73) Carbazole	11.813	167	868284	39.454	ng	100
74) Di-n-butylphthalate	12.131	149	1146506	44.066	ng	100
75) Fluoranthene	12.801	202	1057251	42.958	ng	100
77) Benzidine	12.925	184	200171	24.512	ng	100
78) Pyrene	13.037	202	1064899	56.683	ng	100
80) Butylbenzylphthalate	13.642	149	432175	52.067	ng	100
81) Benzo(a)anthracene	14.231	228	696116	42.610	ng	100
82) 3,3'-Dichlorobenzidine	14.189	252	192817	37.056	ng	100
83) Chrysene	14.272	228	649737	42.473	ng	100
84) Bis(2-ethylhexyl)phtha...	14.201	149	479175	42.710	ng	100
85) Di-n-octyl phthalate	14.831	149	899124	49.134	ng	100
87) Indeno(1,2,3-cd)pyrene	17.424	276	941023	44.804	ng	100
88) Benzo(b)fluoranthene	15.336	252	873469	43.473	ng	100
89) Benzo(k)fluoranthene	15.372	252	828500	43.199	ng	100
90) Benzo(a)pyrene	15.742	252	803069	42.922	ng	100
91) Dibenzo(a,h)anthracene	17.448	278	785973	46.545	ng	100
92) Benzo(g,h,i)perylene	17.924	276	778342	44.616	ng	100

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

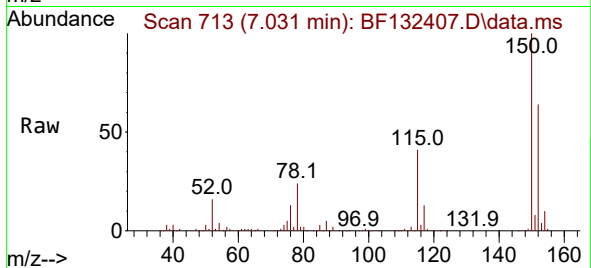
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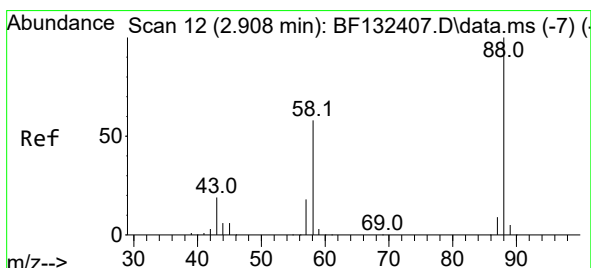
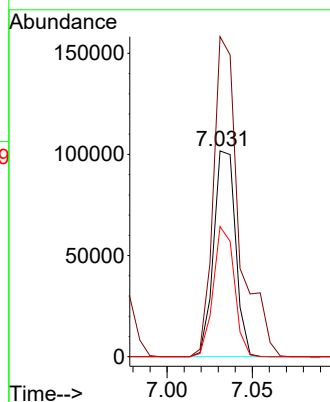
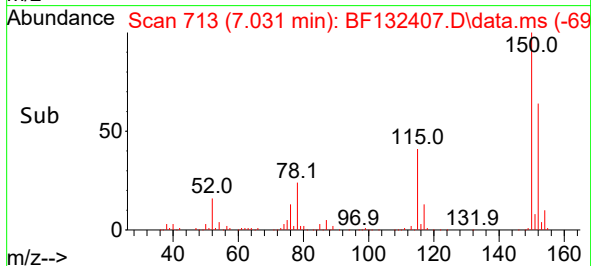


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.031 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

Instrument :
 BNA_F
 ClientSampleId :

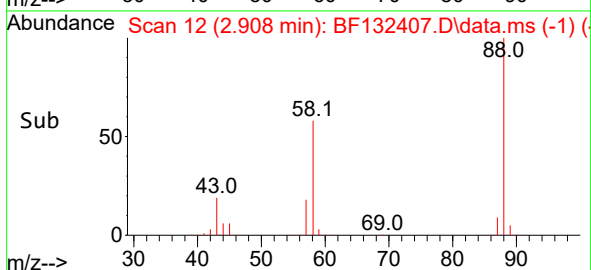
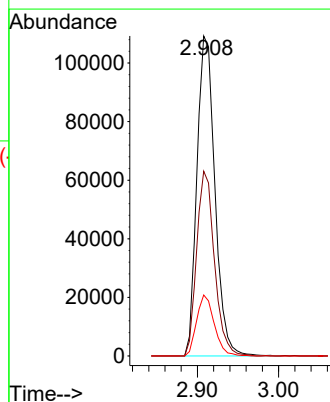
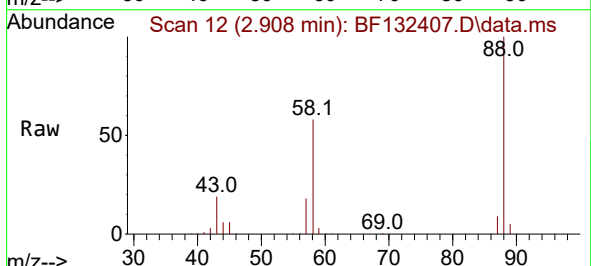


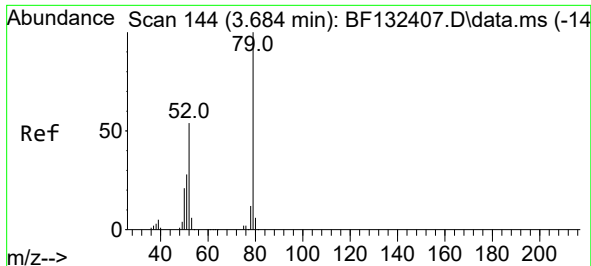
Tgt Ion:152 Resp: 91134
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.4 186.6
 115 63.2 50.6 75.8



#2
 1,4-Dioxane
 Concen: 63.140 ng
 RT: 2.908 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

Tgt Ion: 88 Resp: 168442
 Ion Ratio Lower Upper
 88 100
 58 57.1 45.7 68.5
 43 18.7 15.0 22.4

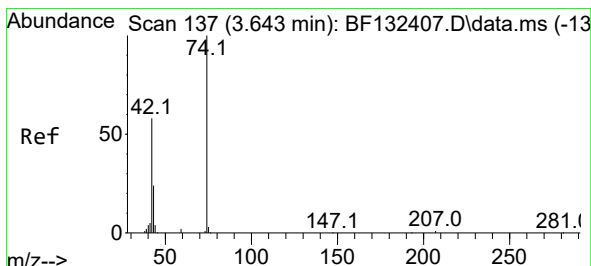
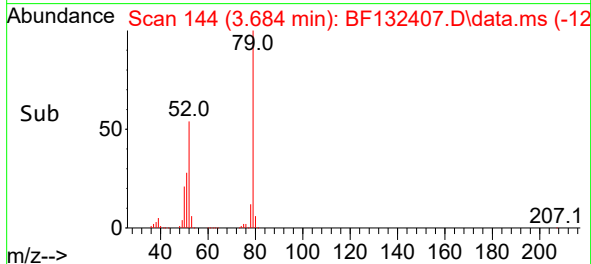
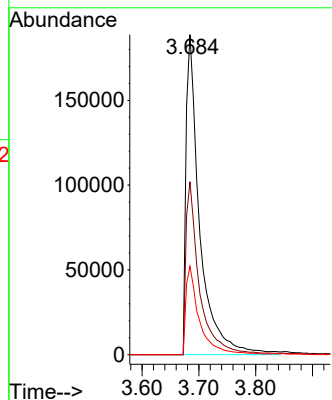
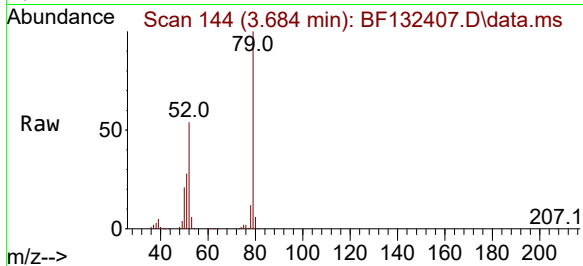




#3
 Pyridine
 Concen: 43.669 ng
 RT: 3.684 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

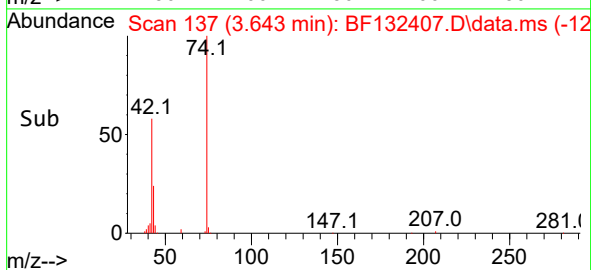
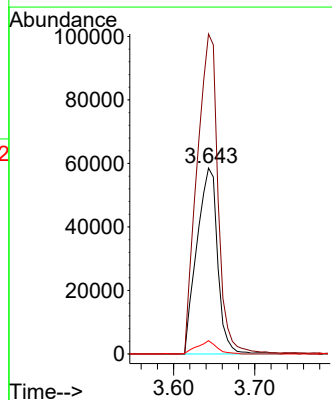
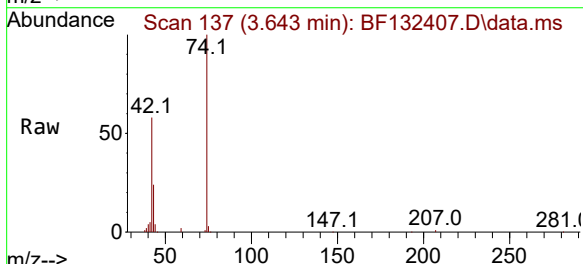
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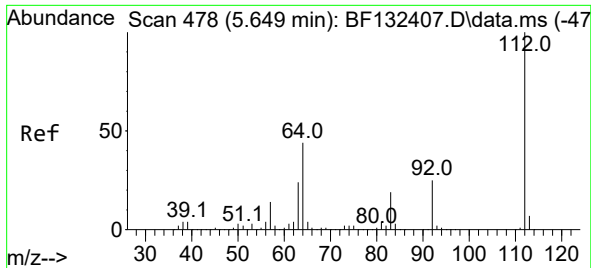
Tgt Ion: 79 Resp: 316048
 Ion Ratio Lower Upper
 79 100
 52 54.1 43.3 64.9
 51 27.6 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 44.969 ng
 RT: 3.643 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

Tgt Ion: 42 Resp: 104140
 Ion Ratio Lower Upper
 42 100
 74 172.2 137.8 206.6
 44 7.2 5.8 8.6

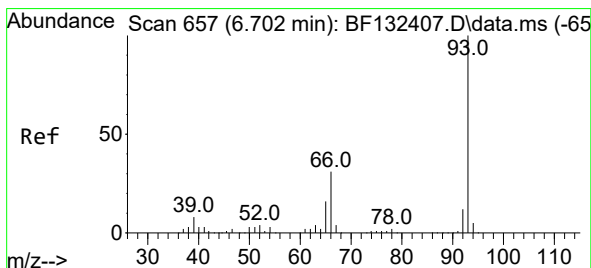
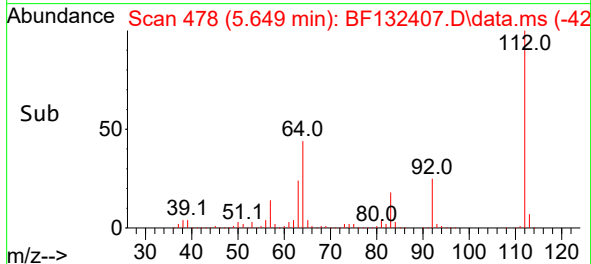
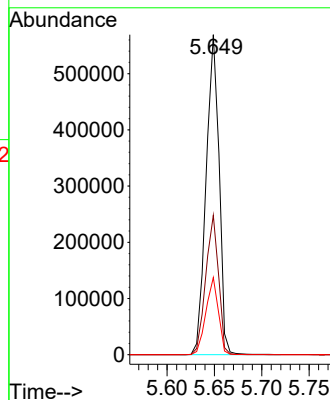
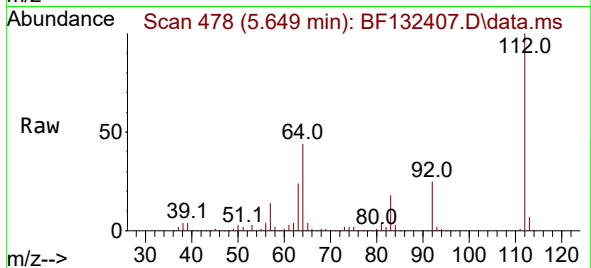




#5
2-Fluorophenol
Concen: 95.199 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

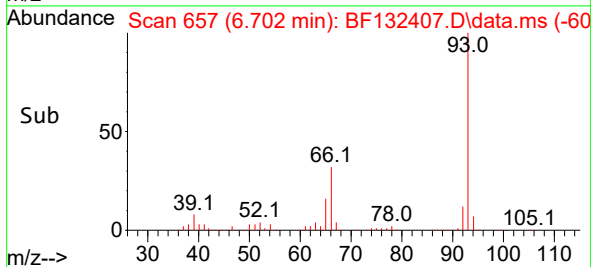
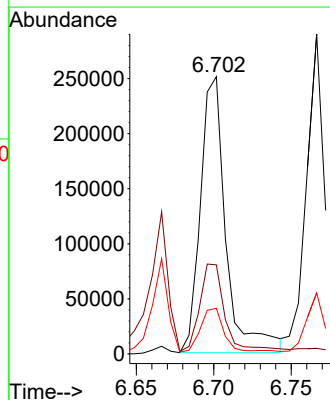
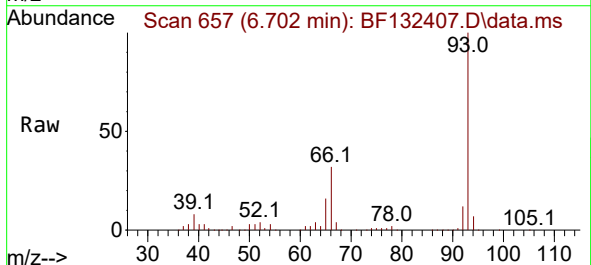
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ClientSampleId :

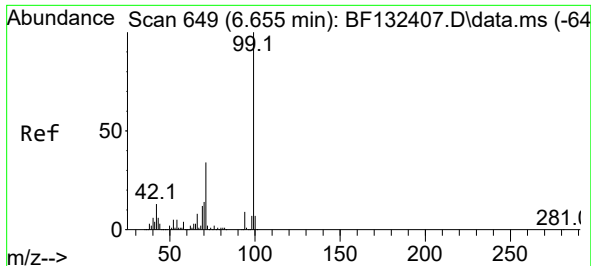
Tgt Ion:112 Resp: 539749
Ion Ratio Lower Upper
112 100
64 43.5 34.8 52.2
63 24.1 19.3 28.9



#6
Aniline
Concen: 30.251 ng
RT: 6.702 min Scan# 657
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion: 93 Resp: 286939
Ion Ratio Lower Upper
93 100
66 32.1 25.7 38.5
65 16.4 13.1 19.7

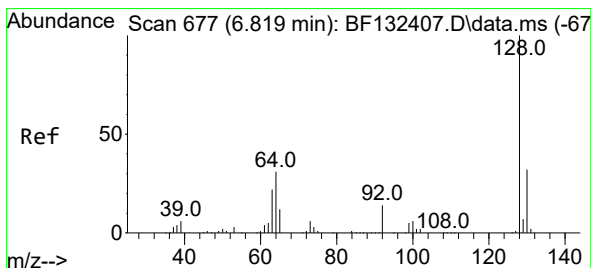
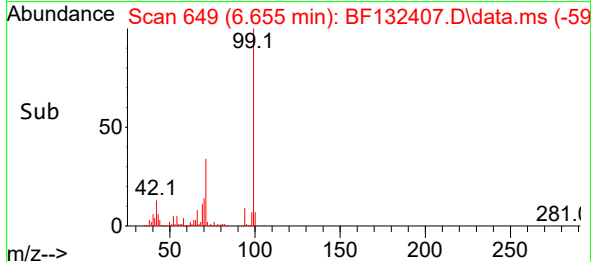
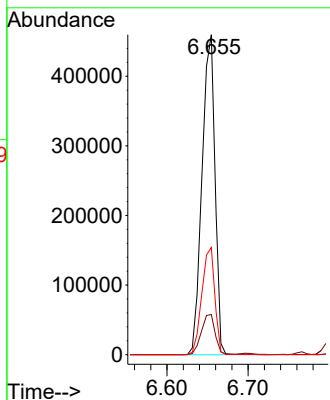
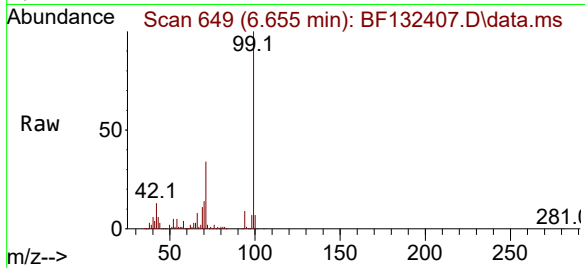




#7
Phenol-d6
Concen: 73.042 ng
RT: 6.655 min Scan# 649
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

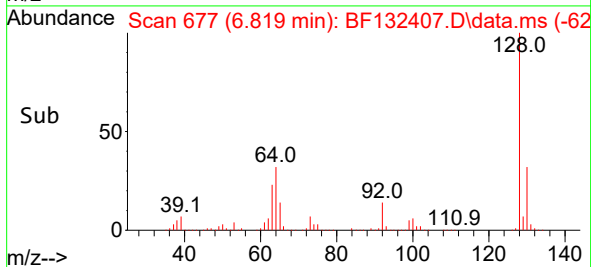
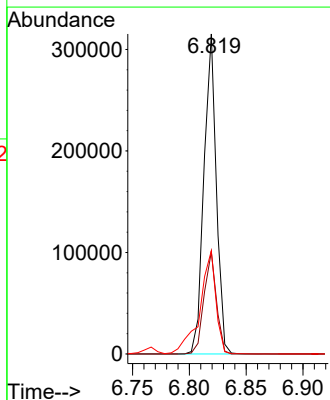
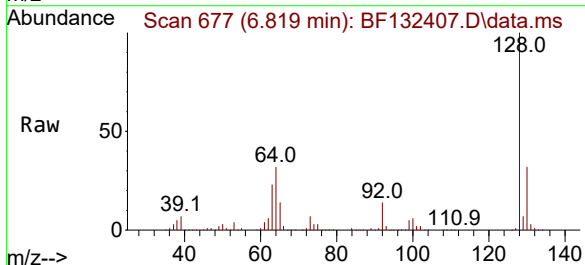
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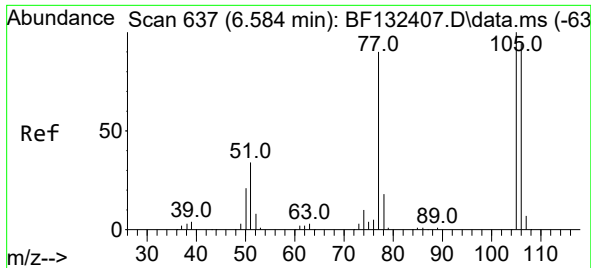
Tgt Ion: 99 Resp: 510559
Ion Ratio Lower Upper
99 100
42 12.6 10.1 15.1
71 33.5 26.8 40.2



#8
2-Chlorophenol
Concen: 40.674 ng
RT: 6.819 min Scan# 677
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion: 128 Resp: 238845
Ion Ratio Lower Upper
128 100
130 32.0 12.0 52.0
64 32.3 12.3 52.3

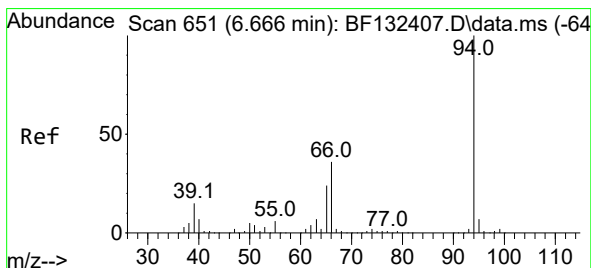
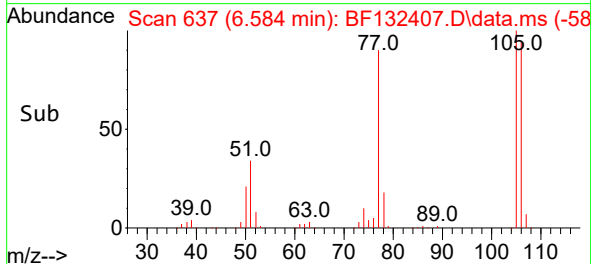
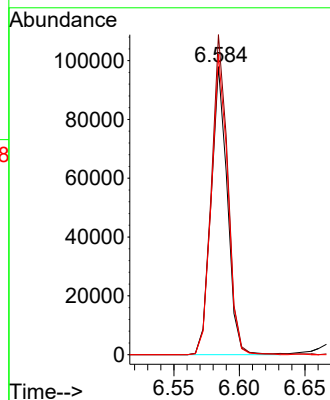
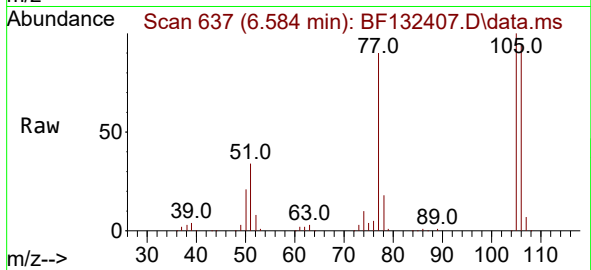




#9
Benzaldehyde
Concen: 19.755 ng
RT: 6.584 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

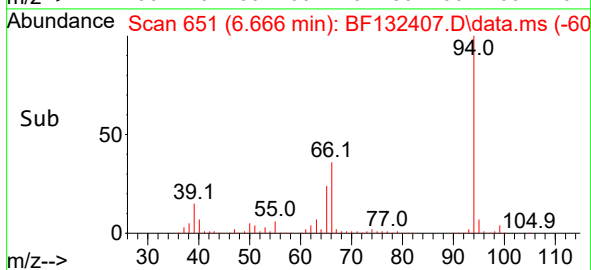
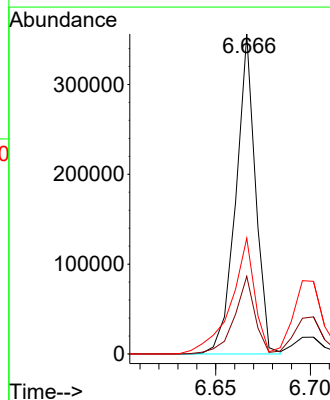
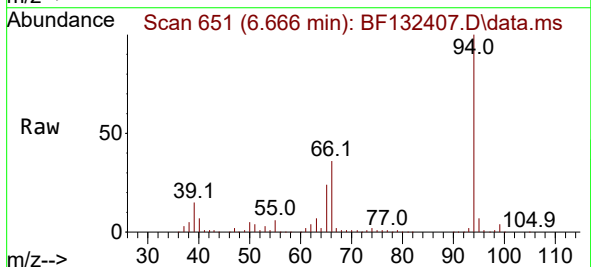
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ClientSampleId :

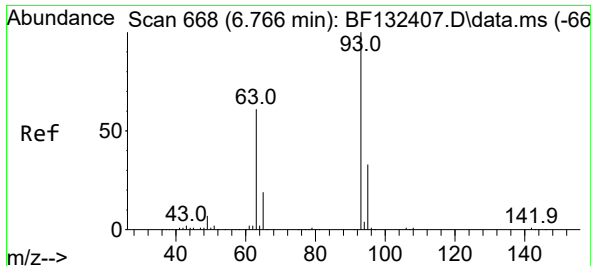
Tgt Ion: 77 Resp: 84277
Ion Ratio Lower Upper
77 100
105 111.1 91.1 131.1
106 104.2 84.2 124.2



#10
Phenol
Concen: 35.384 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion: 94 Resp: 255997
Ion Ratio Lower Upper
94 100
65 24.3 4.3 44.3
66 36.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.589 ng

RT: 6.766 min Scan# 6

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

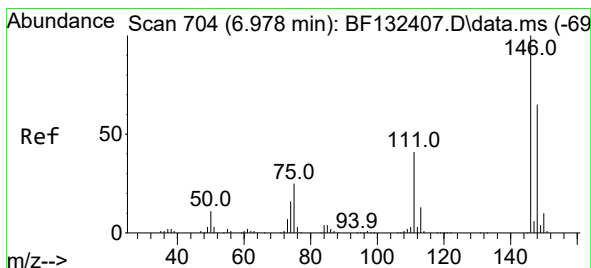
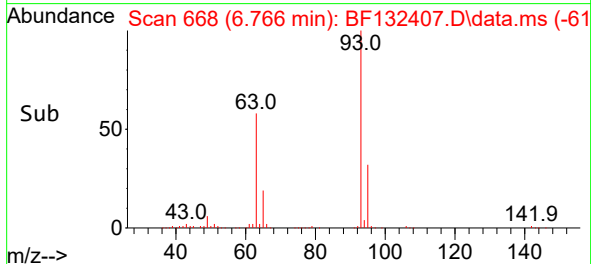
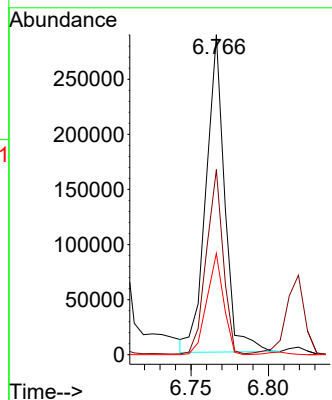
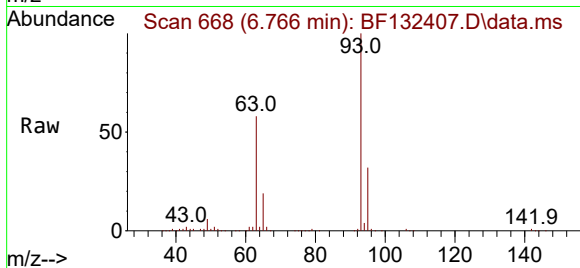
Tgt Ion: 93 Resp: 241680

Ion Ratio Lower Upper

93 100

63 57.9 37.9 77.9

95 31.7 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 42.000 ng

RT: 6.978 min Scan# 704

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

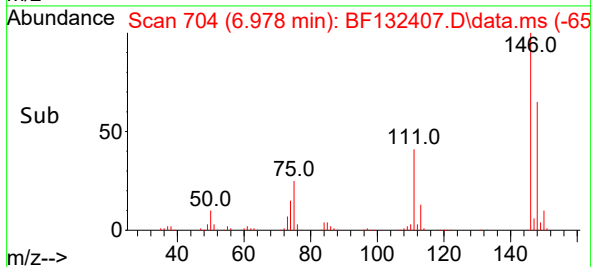
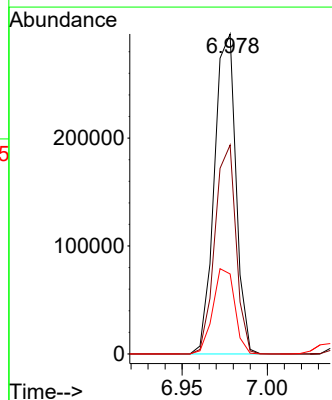
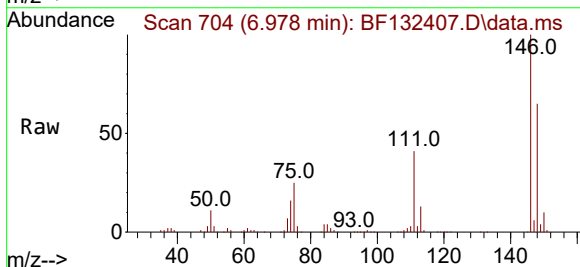
Tgt Ion:146 Resp: 260850

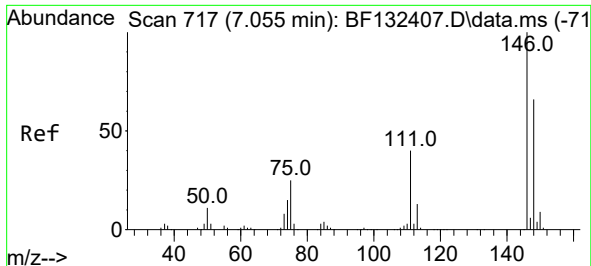
Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.4

75 25.0 20.0 30.0





#13

1,4-Dichlorobenzene

Concen: 41.960 ng

RT: 7.055 min Scan# 717

Delta R.T. 0.000 min

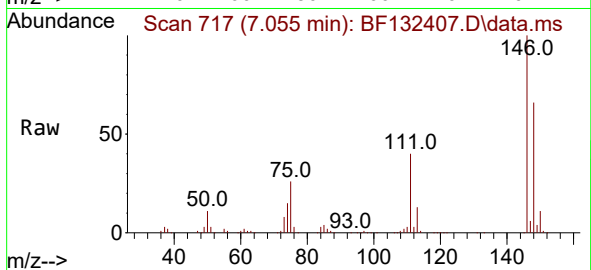
Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :



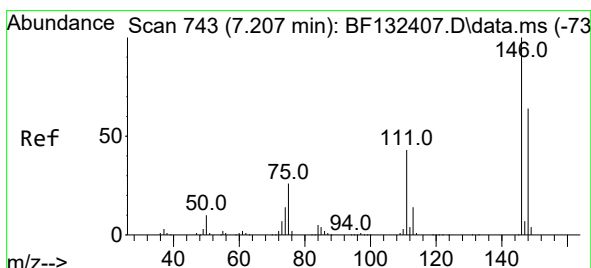
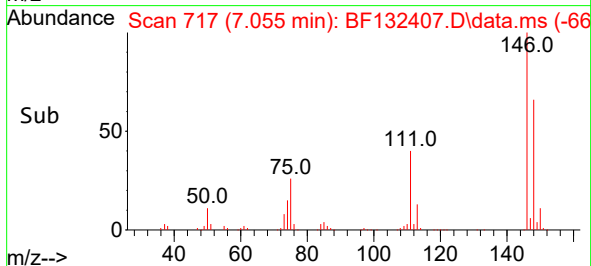
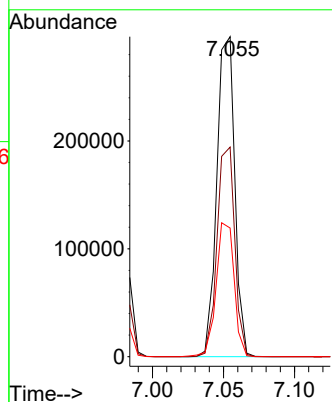
Tgt Ion:146 Resp: 260127

Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

111 40.2 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 42.307 ng

RT: 7.207 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

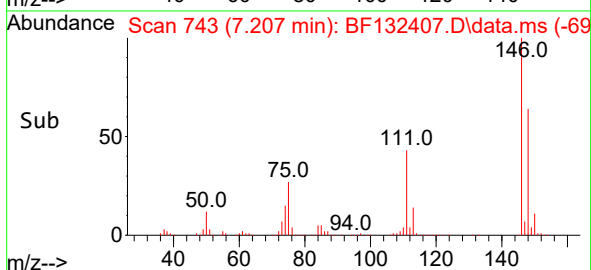
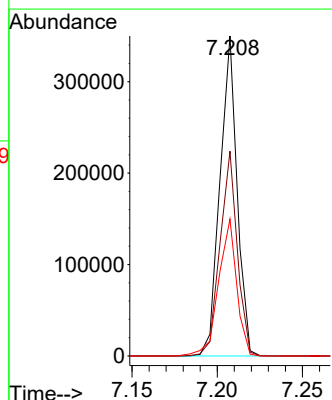
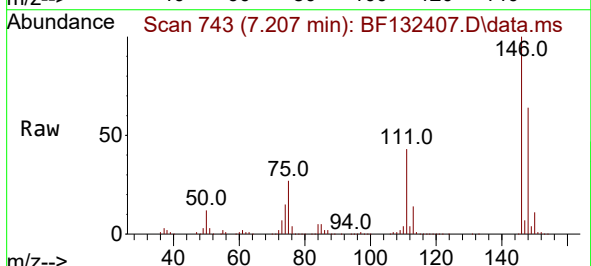
Tgt Ion:146 Resp: 244599

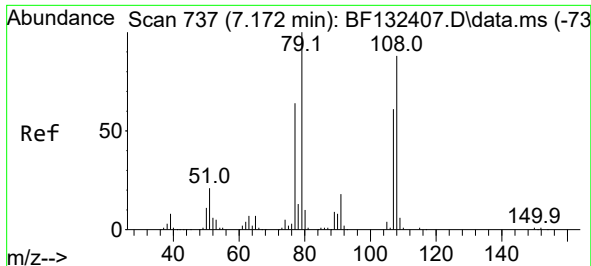
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

111 42.8 34.2 51.4





#15

Benzyl Alcohol

Concen: 30.985 ng

RT: 7.172 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

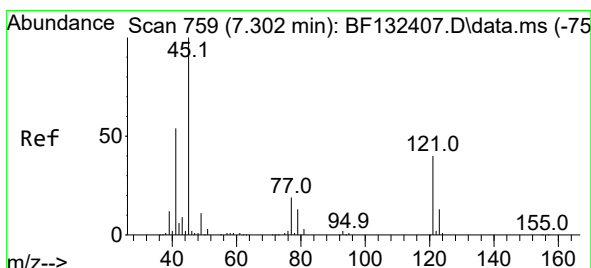
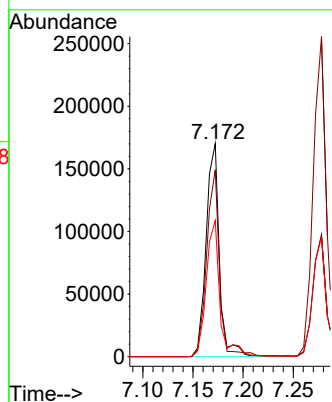
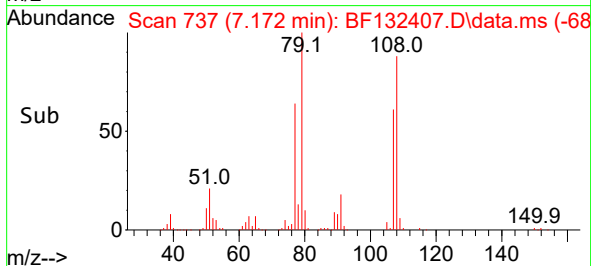
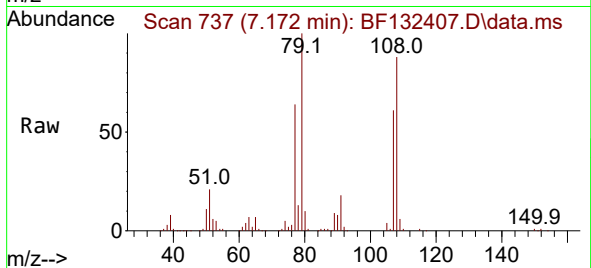
Tgt Ion: 79 Resp: 158033

Ion Ratio Lower Upper

79 100

108 87.7 70.2 105.2

77 63.9 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.525 ng

RT: 7.302 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

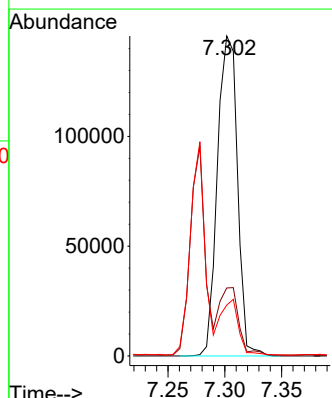
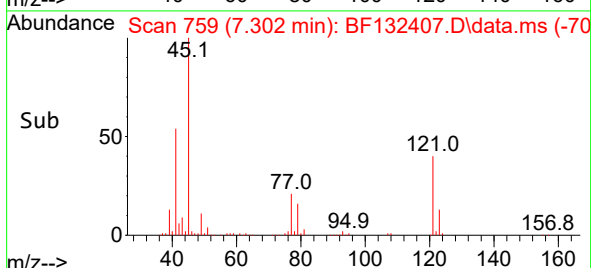
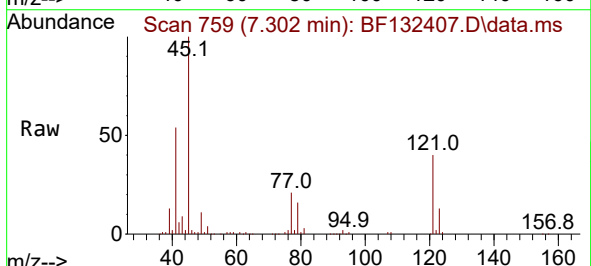
Tgt Ion: 45 Resp: 178945

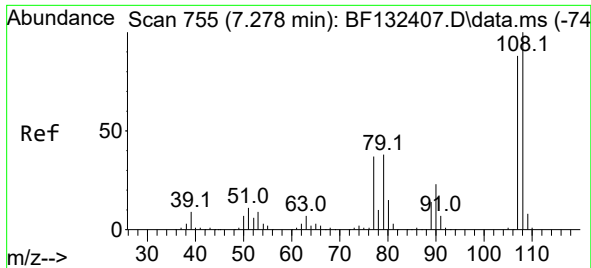
Ion Ratio Lower Upper

45 100

77 21.3 1.3 41.3

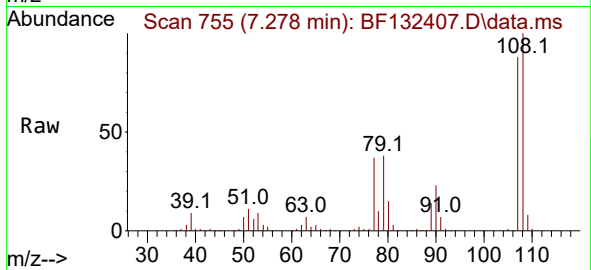
79 15.9 0.0 35.9





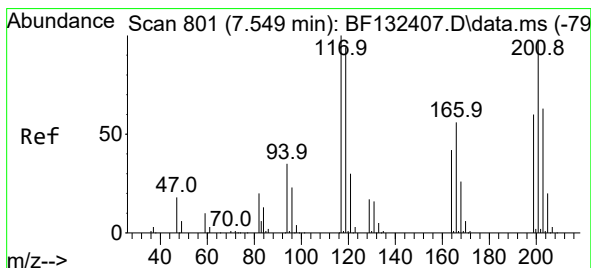
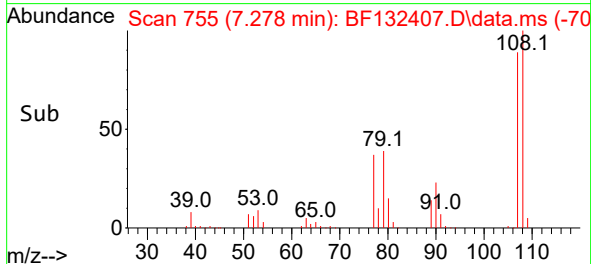
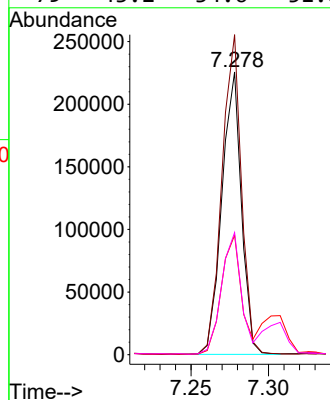
#17
2-Methylphenol
Concen: 38.470 ng
RT: 7.278 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:107 Resp: 197741

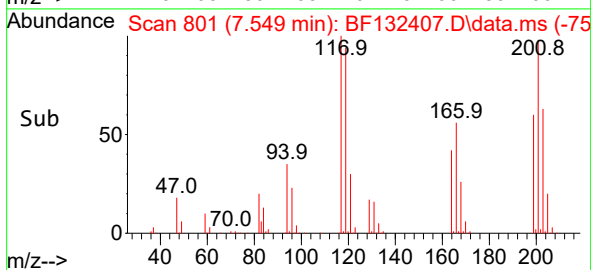
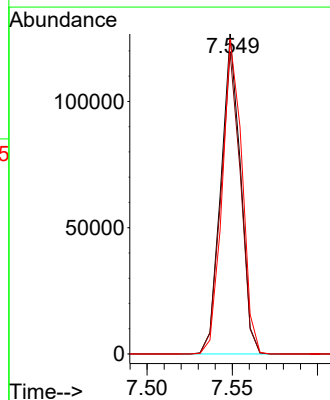
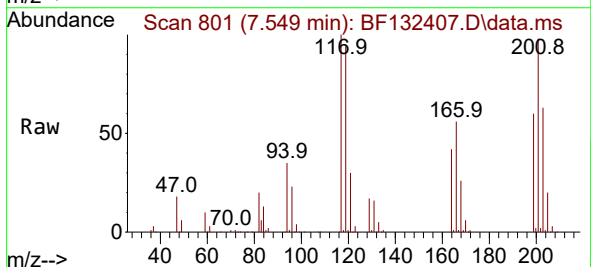
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	135.8
77	42.3	33.8	50.8
79	43.2	34.6	51.8

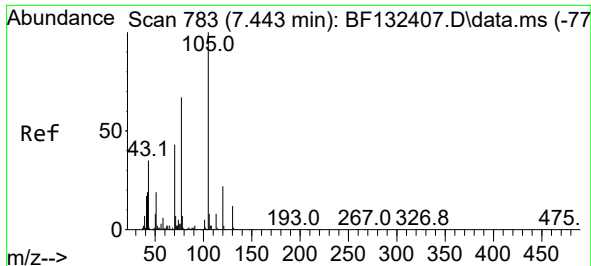


#18
Hexachloroethane
Concen: 43.286 ng
RT: 7.549 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:117 Resp: 100669

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.3	112.9
201	98.4	78.7	118.1



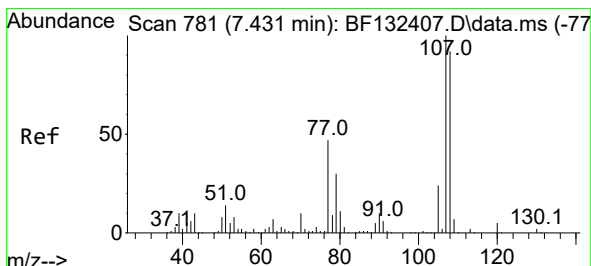
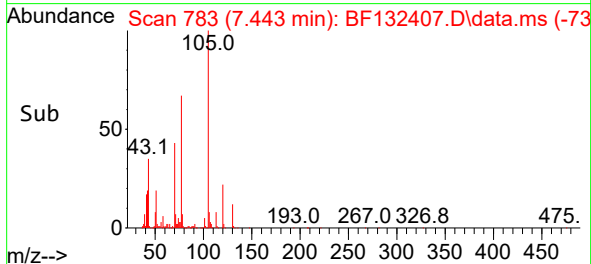
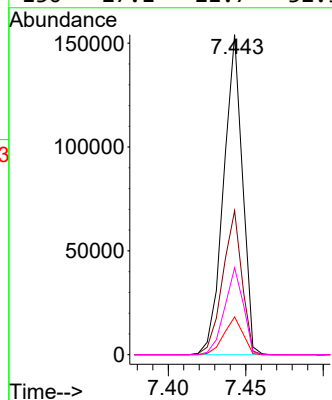
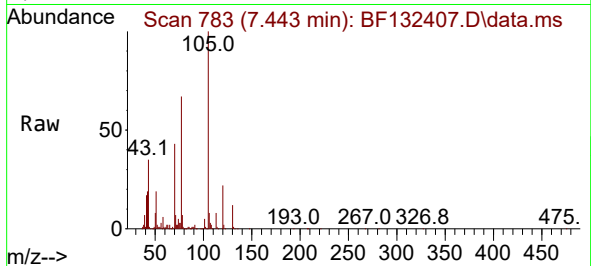


#19
n-Nitroso-di-n-propylamine
Concen: 32.814 ng
RT: 7.443 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 130286

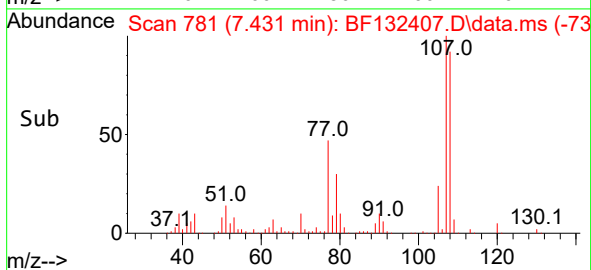
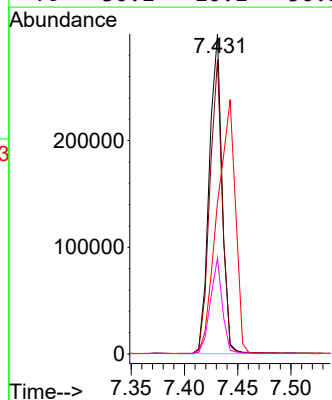
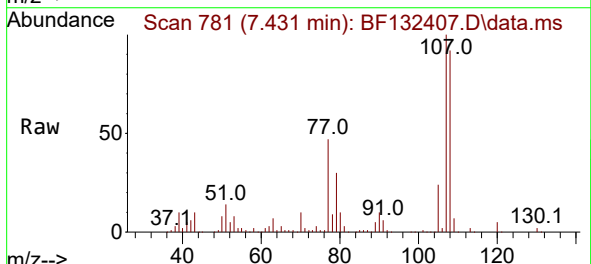
Ion	Ratio	Lower	Upper
70	100		
42	45.0	36.0	54.0
101	11.8	9.4	14.2
130	27.1	21.7	32.5

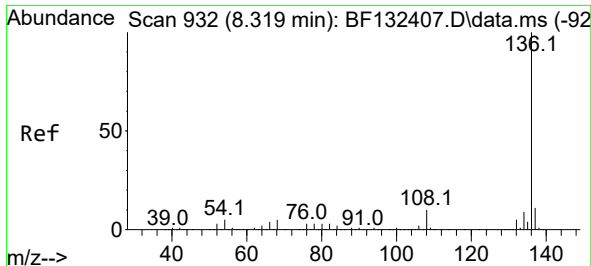


#20
3+4-Methylphenols
Concen: 38.375 ng
RT: 7.431 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion: 107 Resp: 251766

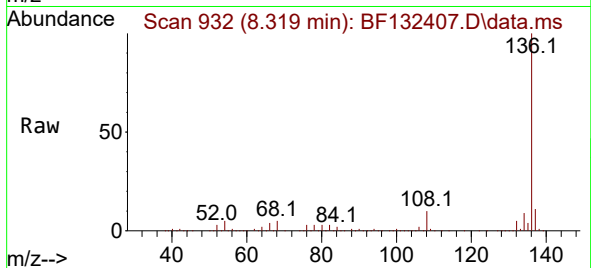
Ion	Ratio	Lower	Upper
107	100		
108	92.0	72.0	112.0
77	47.4	27.4	67.4
79	30.1	10.1	50.1



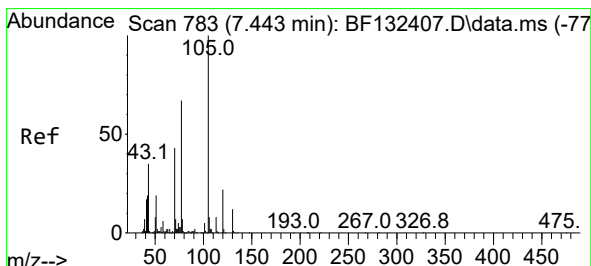
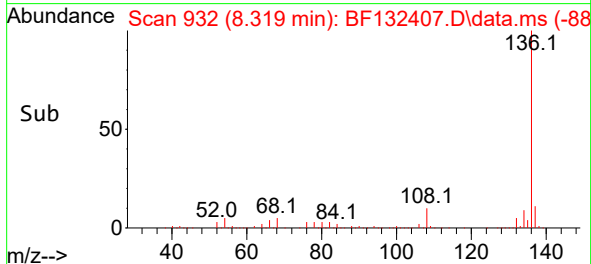
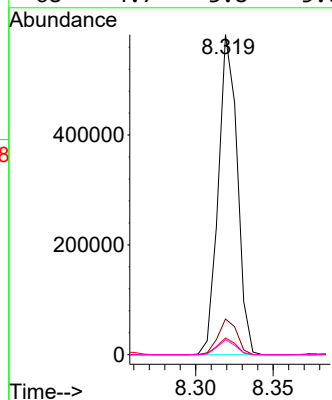


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :

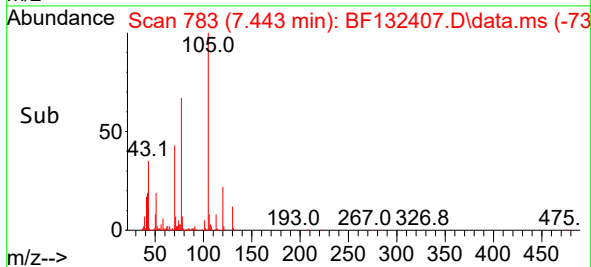
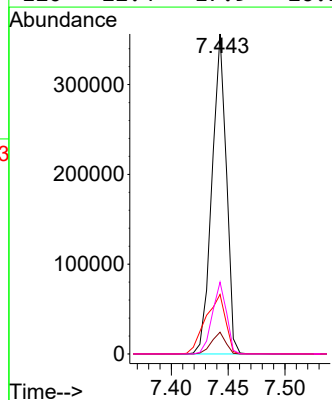
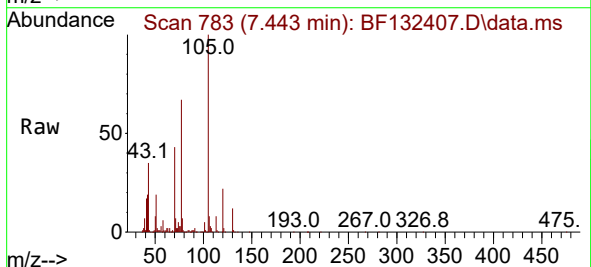


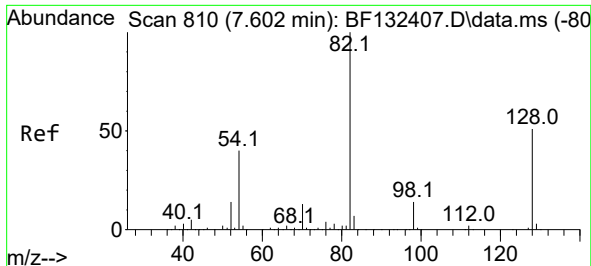
Tgt Ion:136 Resp: 495035
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 5.2 4.2 6.2
68 4.7 3.8 5.6



#22
Acetophenone
Concen: 26.797 ng
RT: 7.443 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:105 Resp: 311969
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.2
51 18.6 14.9 22.3
120 22.4 17.9 26.9





#23

Nitrobenzene-d5

Concen: 50.936 ng

RT: 7.602 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

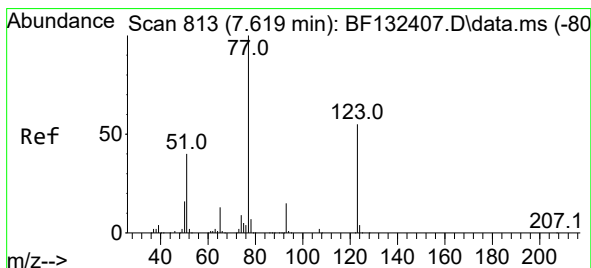
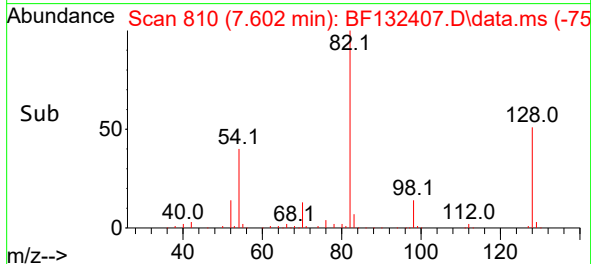
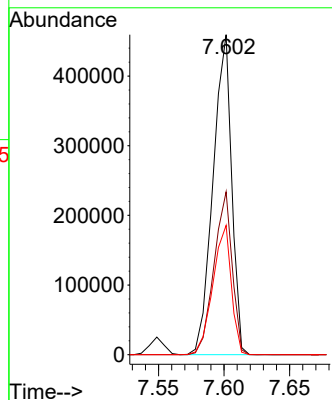
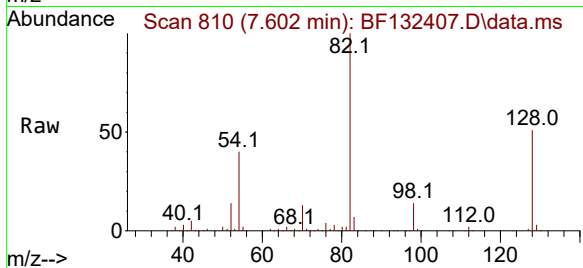
Tgt Ion: 82 Resp: 453128

Ion Ratio Lower Upper

82 100

128 50.9 40.7 61.1

54 40.4 32.3 48.5



#24

Nitrobenzene

Concen: 24.457 ng

RT: 7.619 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

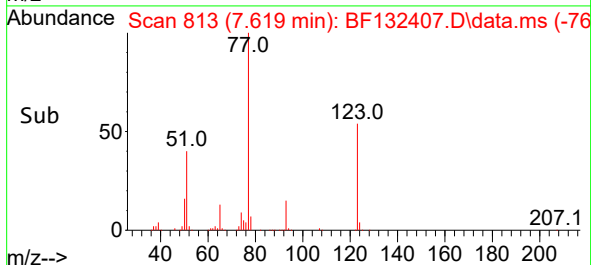
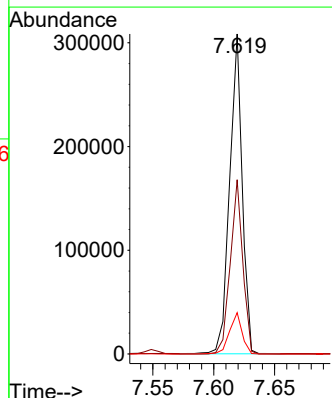
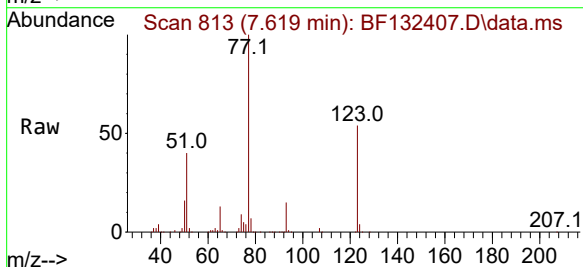
Tgt Ion: 77 Resp: 222269

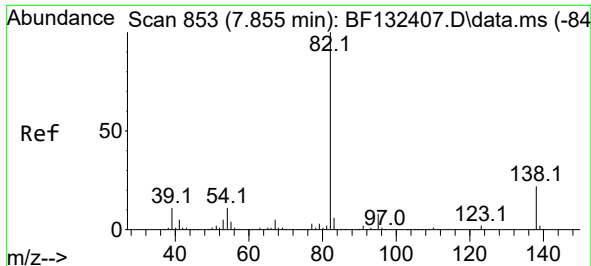
Ion Ratio Lower Upper

77 100

123 54.5 43.6 65.4

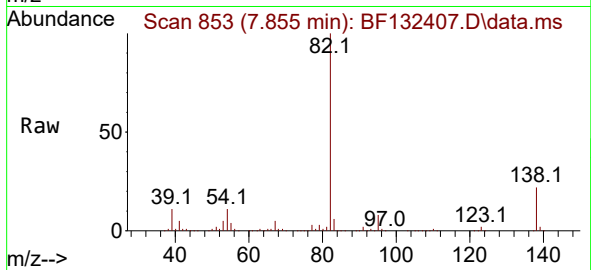
65 12.9 10.3 15.5



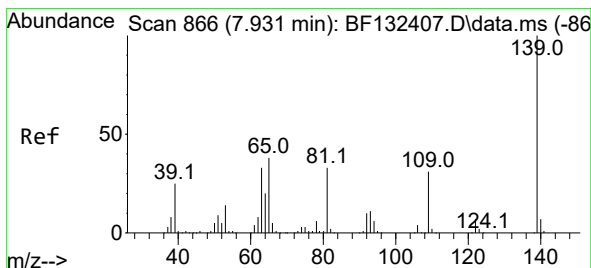
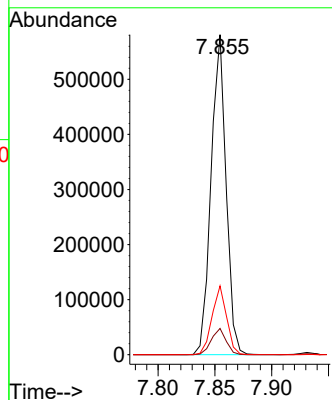
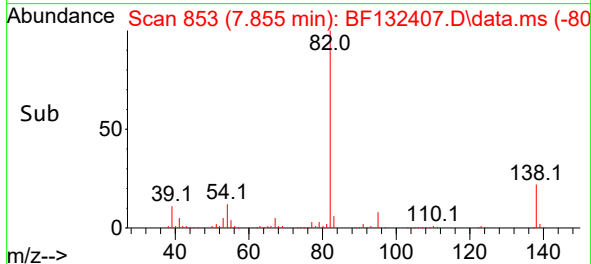


#25
Isophorone
Concen: 31.497 ng
RT: 7.855 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :

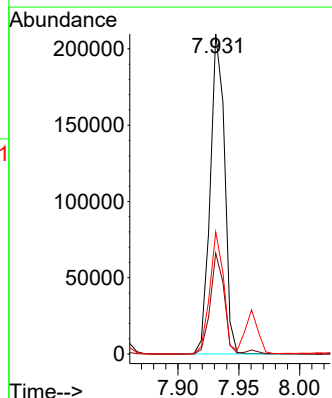
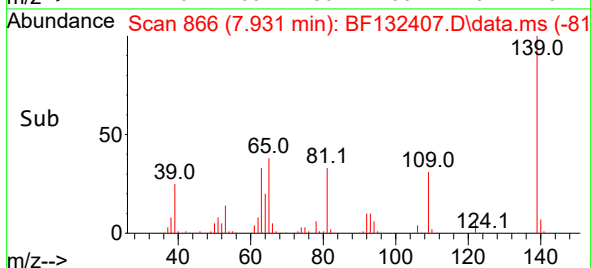
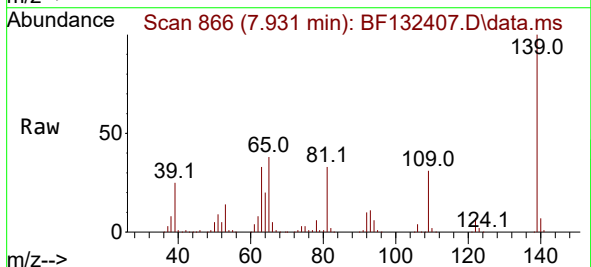


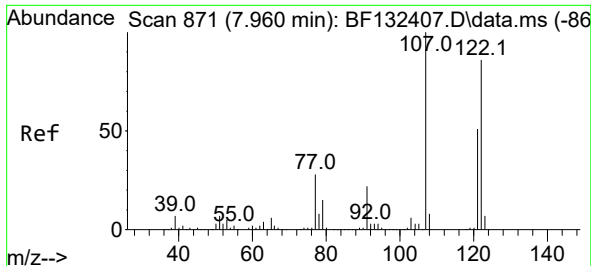
Tgt Ion: 82 Resp: 531805
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 21.5 17.2 25.8



#26
2-Nitrophenol
Concen: 38.745 ng
RT: 7.931 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:139 Resp: 171516
Ion Ratio Lower Upper
139 100
109 31.5 25.2 37.8
65 38.2 30.6 45.8





#27

2,4-Dimethylphenol

Concen: 35.335 ng

RT: 7.960 min Scan# 871

Delta R.T. 0.000 min

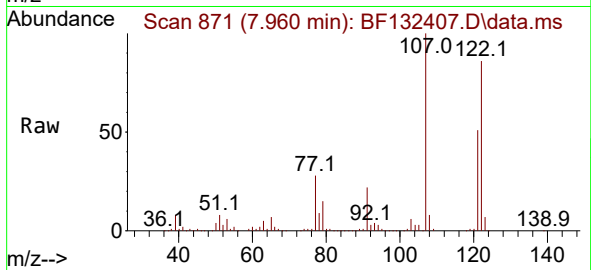
Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :



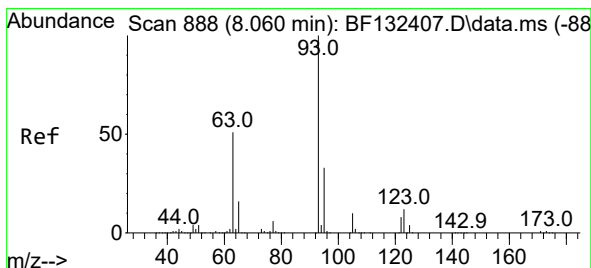
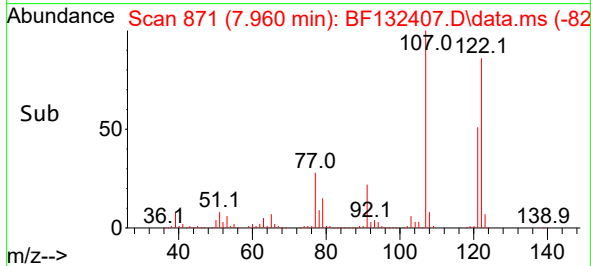
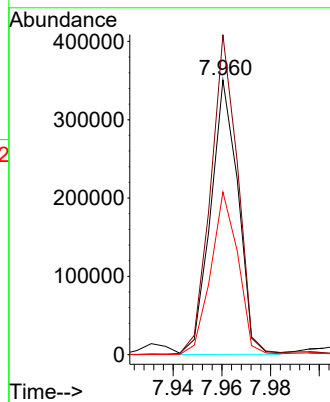
Tgt Ion:122 Resp: 273794

Ion Ratio Lower Upper

122 100

107 116.5 93.2 139.8

121 59.2 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.222 ng

RT: 8.060 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

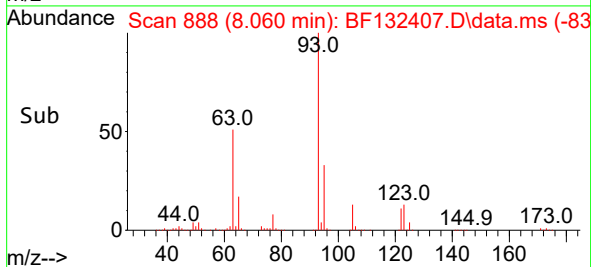
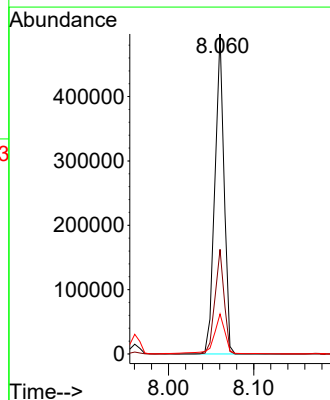
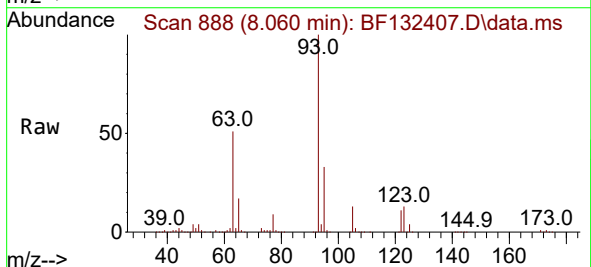
Tgt Ion: 93 Resp: 375844

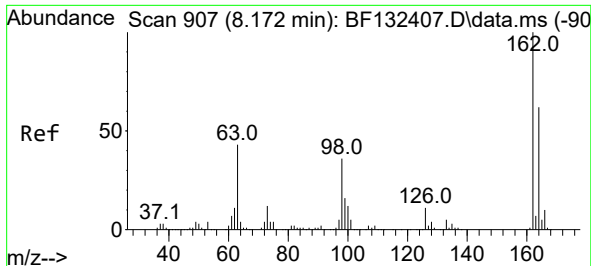
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.328 ng

RT: 8.172 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

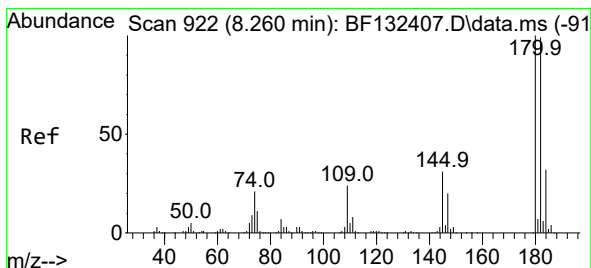
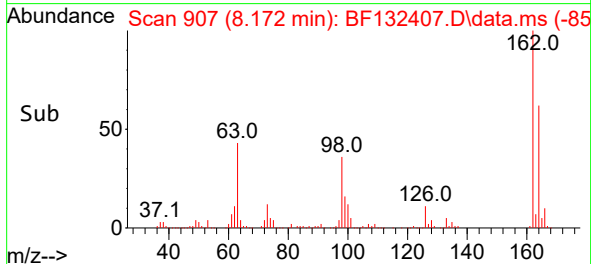
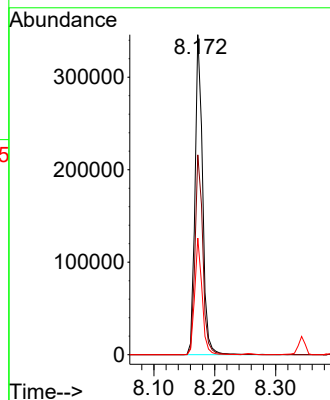
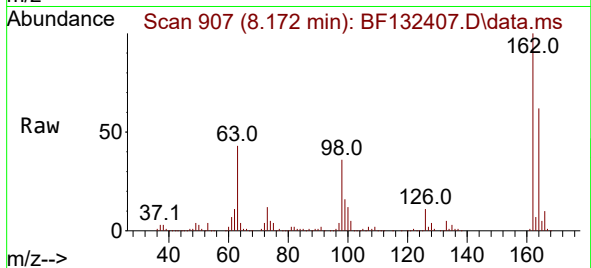
Tgt Ion:162 Resp: 298068

Ion Ratio Lower Upper

162 100

164 62.4 42.4 82.4

98 36.4 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 44.719 ng

RT: 8.260 min Scan# 922

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

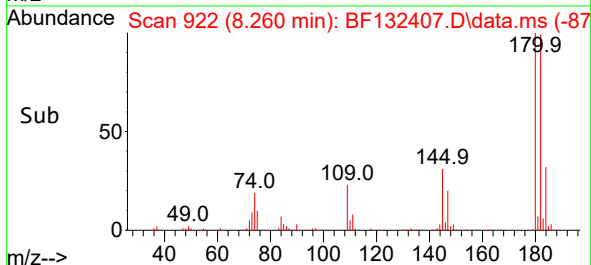
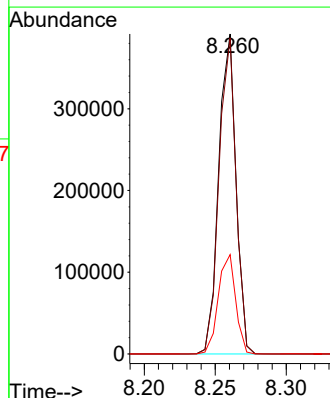
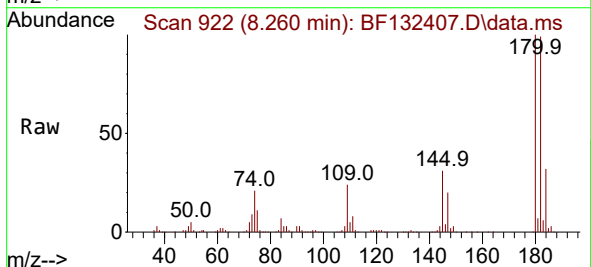
Tgt Ion:180 Resp: 329436

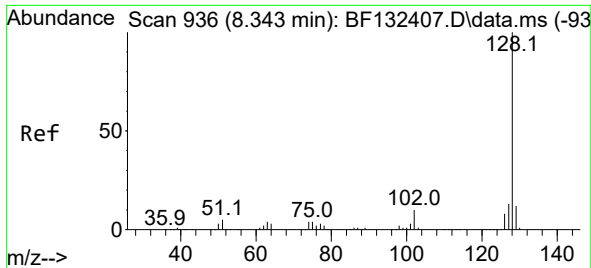
Ion Ratio Lower Upper

180 100

182 98.8 79.0 118.6

145 31.1 24.9 37.3

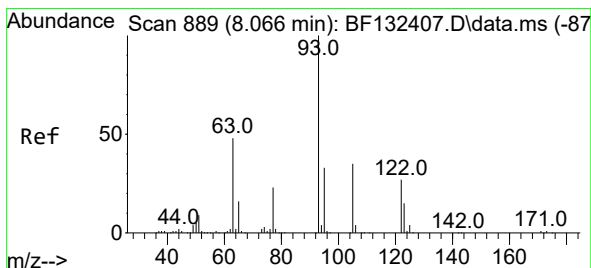
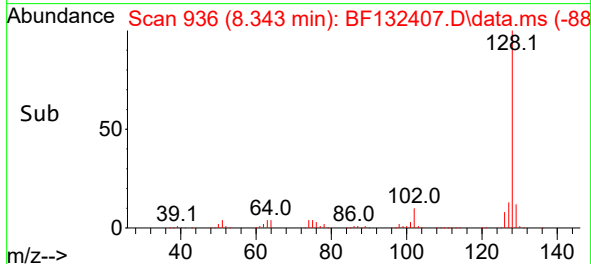
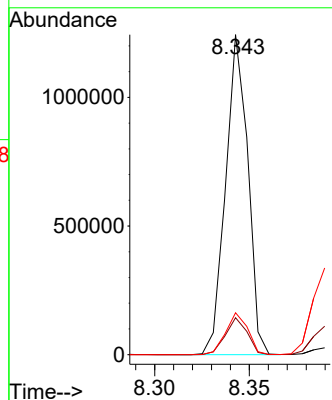
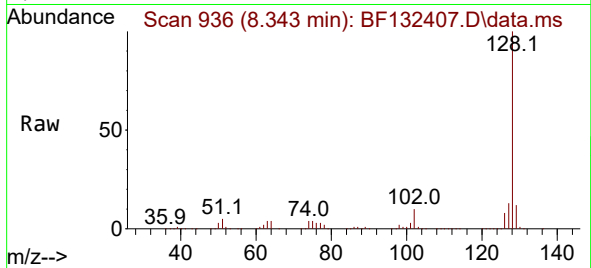




#31
Naphthalene
Concen: 41.585 ng
RT: 8.343 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

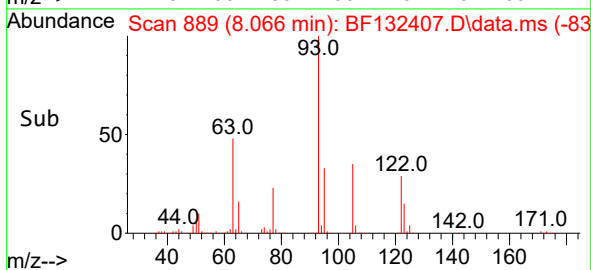
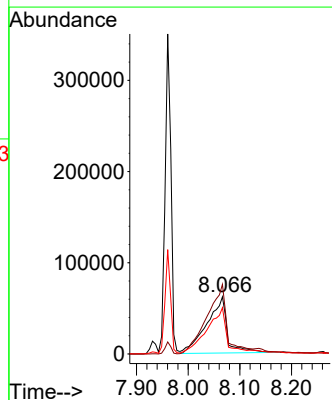
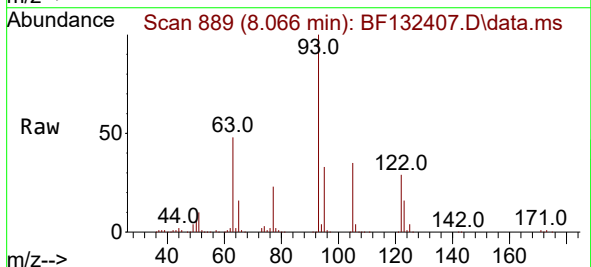
Instrument :
BNA_F
ClientSampleId :

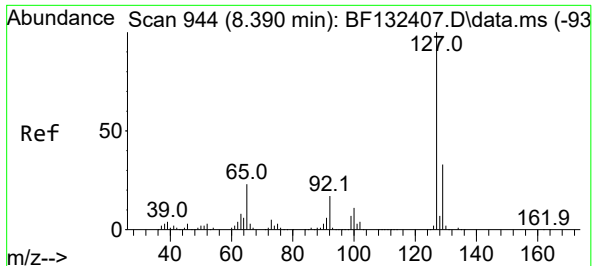
Tgt Ion:128 Resp: 1013295
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 29.960 ng
RT: 8.066 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

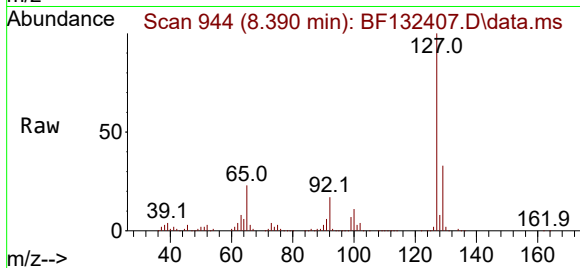
Tgt Ion:122 Resp: 171837
Ion Ratio Lower Upper
122 100
105 121.9 101.9 141.9
77 81.1 61.1 101.1



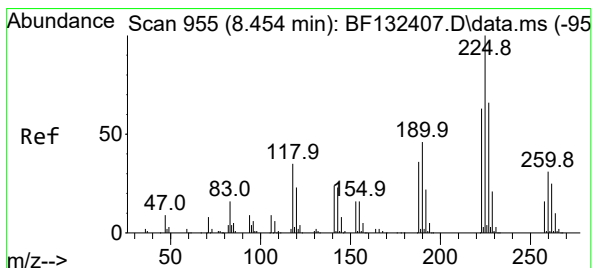
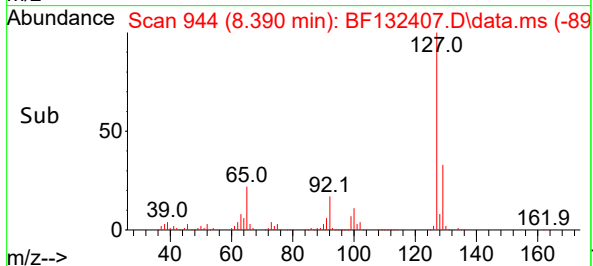
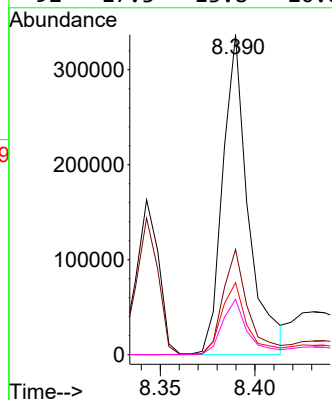


#33
4-Chloroaniline
Concen: 29.322 ng
RT: 8.390 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :

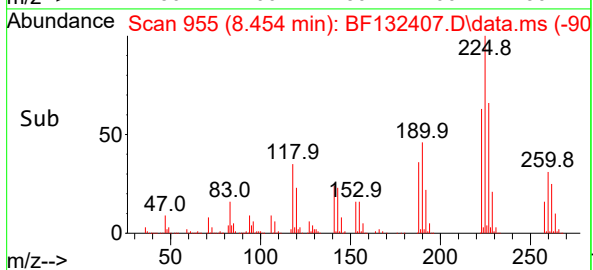
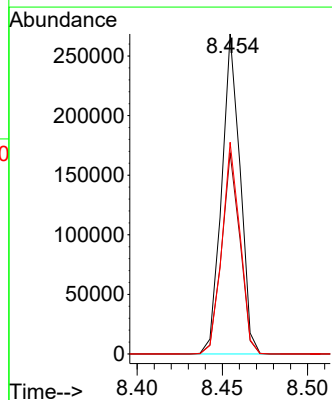
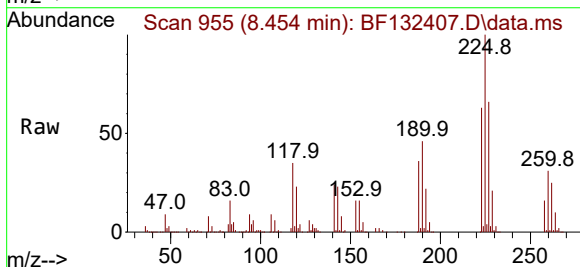


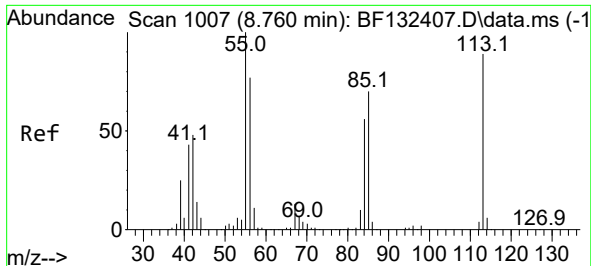
Tgt Ion:	127	Resp:	316828
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	22.5	18.0	27.0
92	17.3	13.8	20.8



#34
Hexachlorobutadiene
Concen: 48.700 ng
RT: 8.454 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

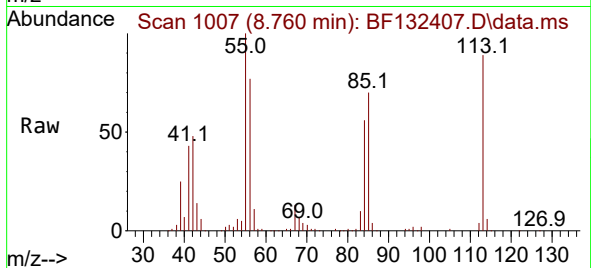
Tgt Ion:	225	Resp:	201687
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.4
227	66.2	53.0	79.4



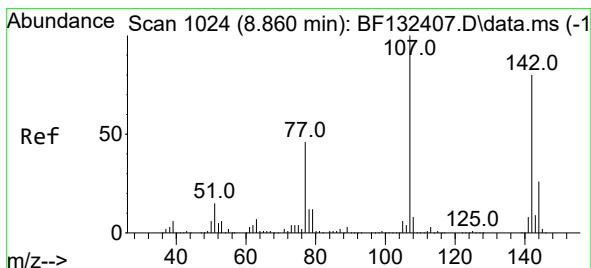
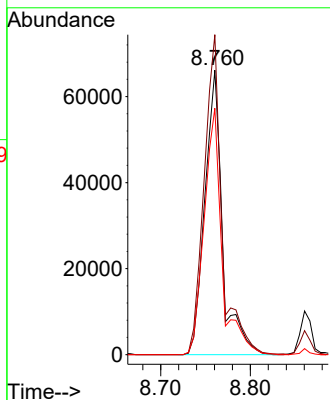
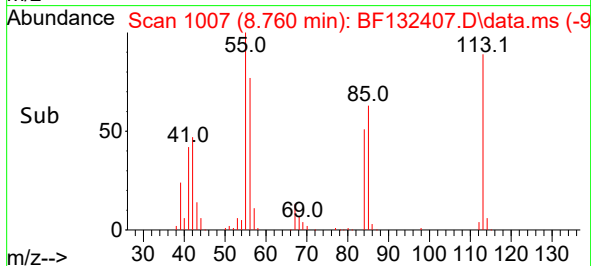


#35
 Caprolactam
 Concen: 38.403 ng
 RT: 8.760 min Scan# 1007
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

Instrument :
 BNA_F
 ClientSampleId :

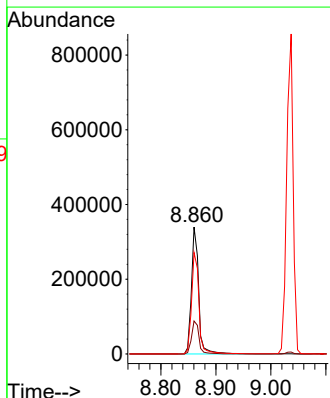
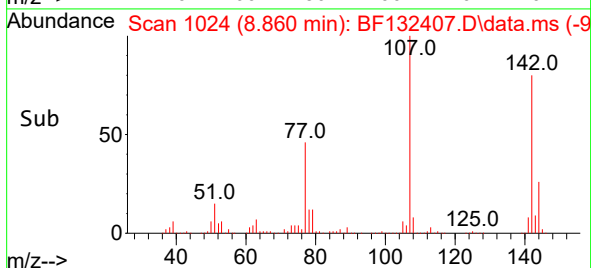
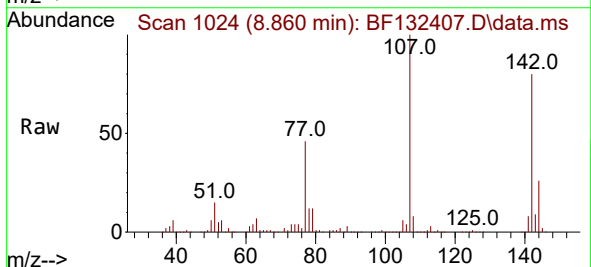


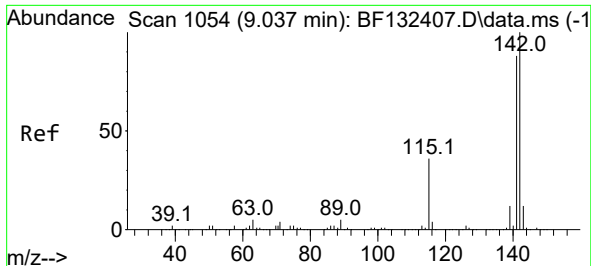
Tgt Ion:113 Resp: 90064
 Ion Ratio Lower Upper
 113 100
 55 112.5 92.5 132.5
 56 86.6 66.6 106.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.522 ng
 RT: 8.860 min Scan# 1024
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

Tgt Ion:107 Resp: 307733
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.8 31.2
 142 79.9 63.9 95.9

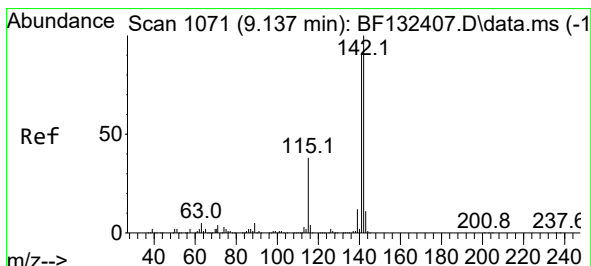
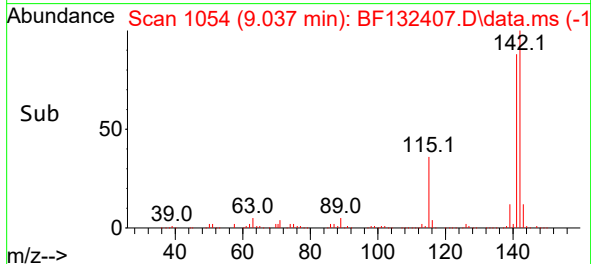
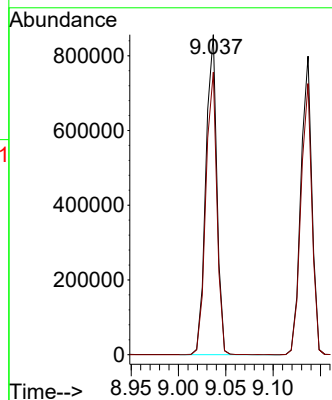
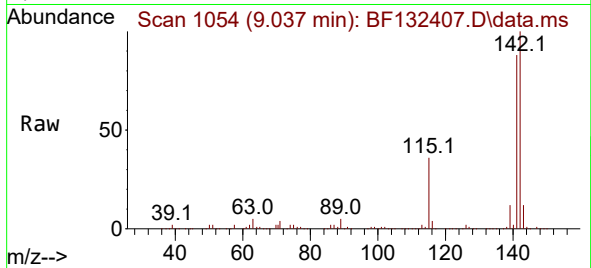




#37
2-Methylnaphthalene
Concen: 42.121 ng
RT: 9.037 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

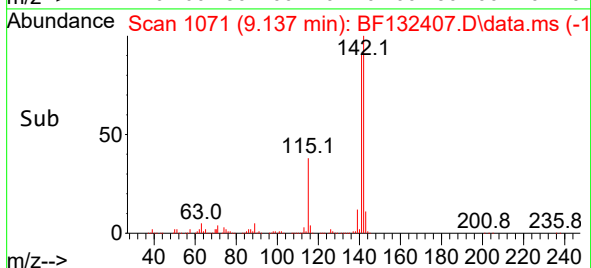
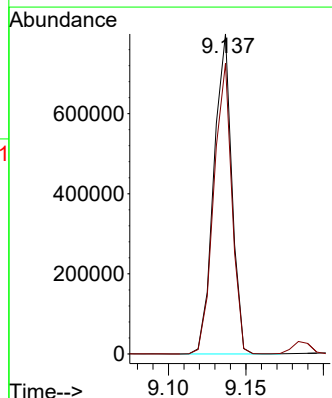
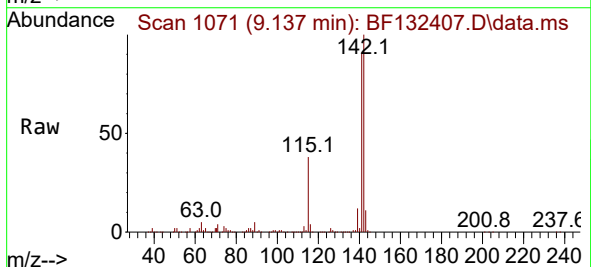
Instrument :
BNA_F
ClientSampleId :

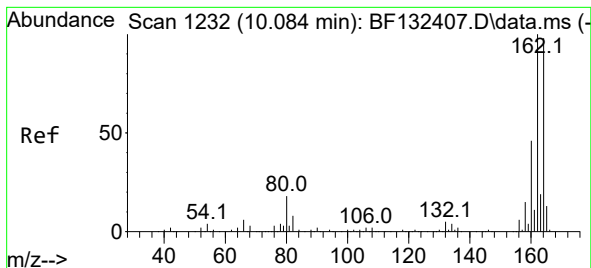
Tgt Ion:142 Resp: 695227
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0



#38
1-Methylnaphthalene
Concen: 42.133 ng
RT: 9.137 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:142 Resp: 646263
Ion Ratio Lower Upper
142 100
141 90.9 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.084 min Scan# 1232

Delta R.T. 0.000 min

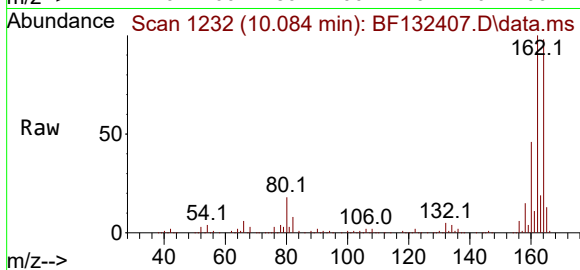
Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :



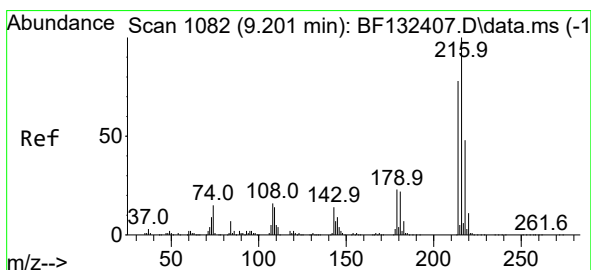
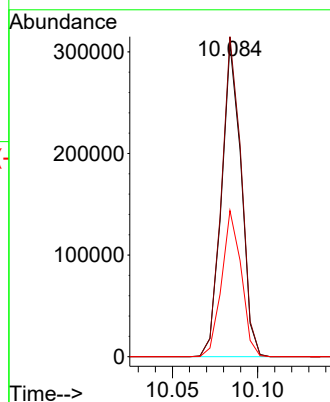
Tgt Ion:164 Resp: 246609

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

160 46.7 37.4 56.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.103 ng

RT: 9.201 min Scan# 1082

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Tgt Ion:216 Resp: 319951

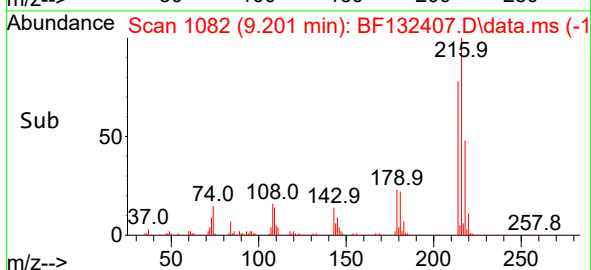
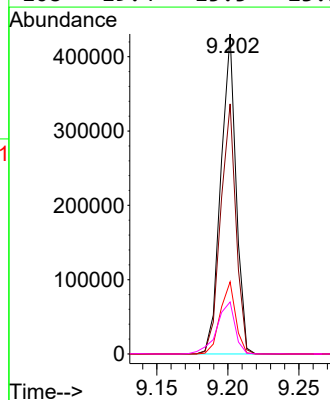
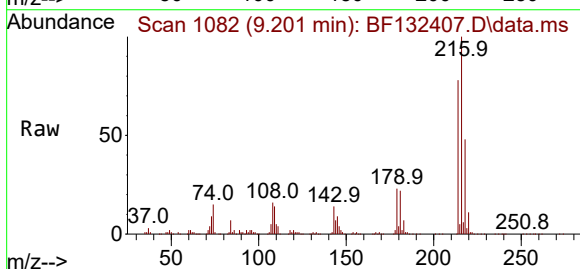
Ion Ratio Lower Upper

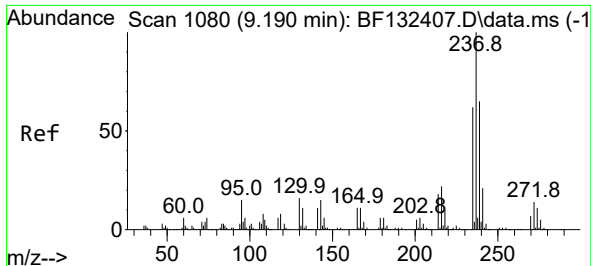
216 100

214 78.7 63.0 94.4

179 22.6 18.1 27.1

108 19.4 15.5 23.3

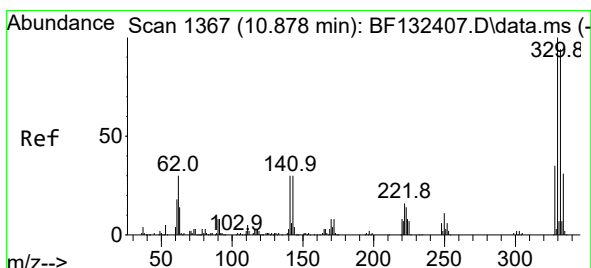
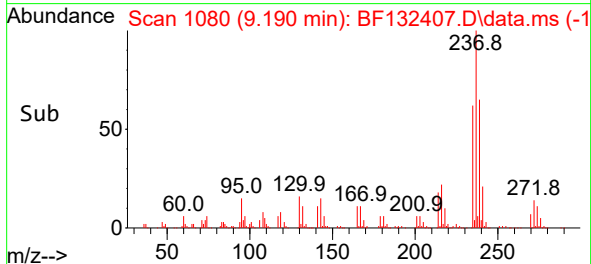
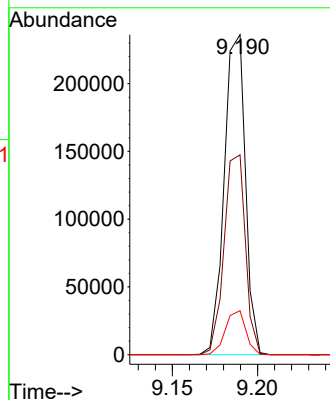
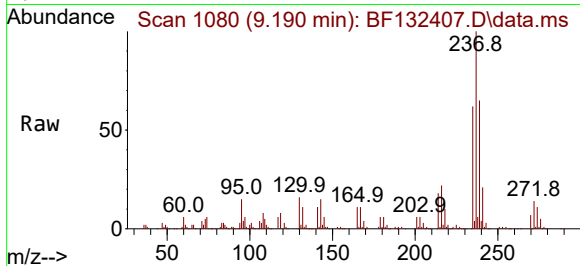




#41
Hexachlorocyclopentadiene
Concen: 50.575 ng
RT: 9.190 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

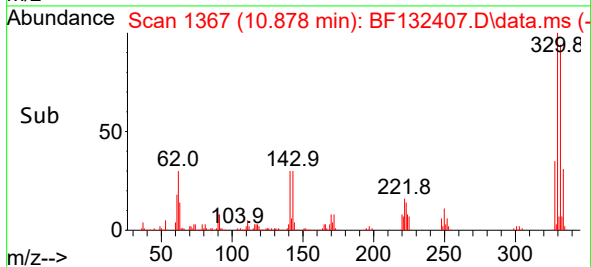
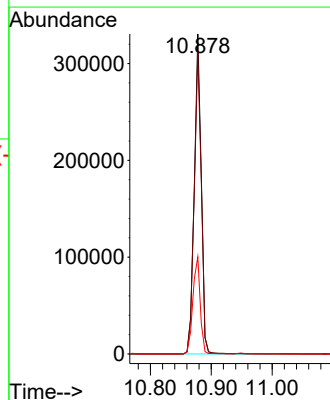
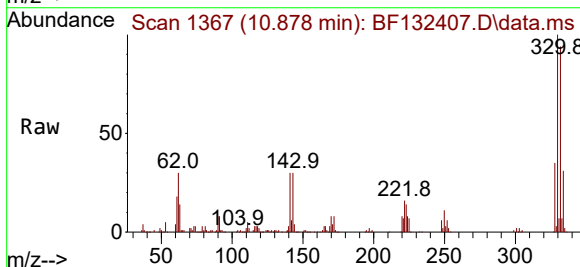
Instrument :
BNA_F
ClientSampleId :

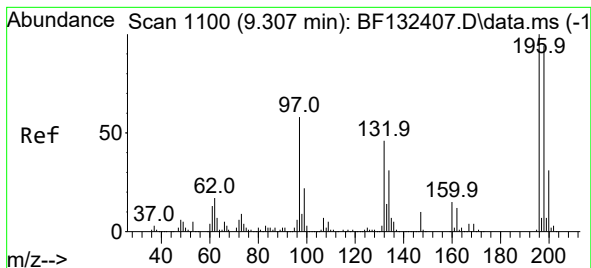
Tgt Ion:237 Resp: 204775
Ion Ratio Lower Upper
237 100
235 62.4 42.4 82.4
272 13.8 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 104.449 ng
RT: 10.878 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:330 Resp: 264886
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 31.8 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 44.359 ng

RT: 9.307 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

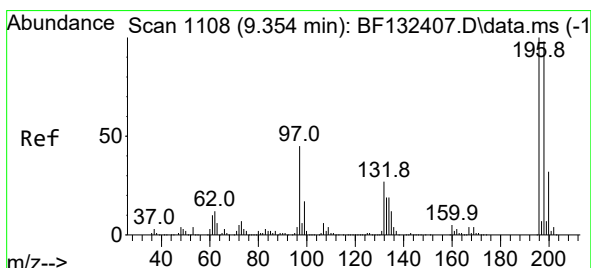
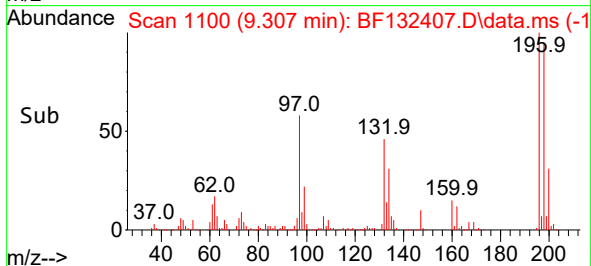
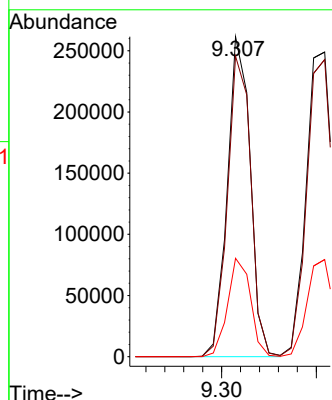
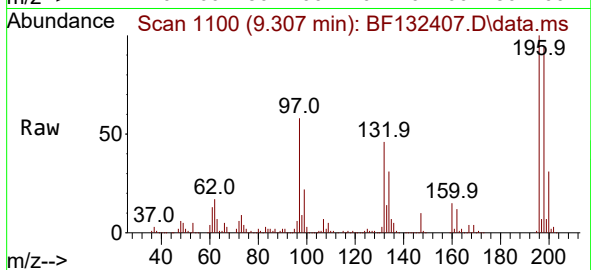
Tgt Ion:196 Resp: 220055

Ion Ratio Lower Upper

196 100

198 93.9 75.1 112.7

200 30.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 44.234 ng

RT: 9.354 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Tgt Ion:196 Resp: 252570

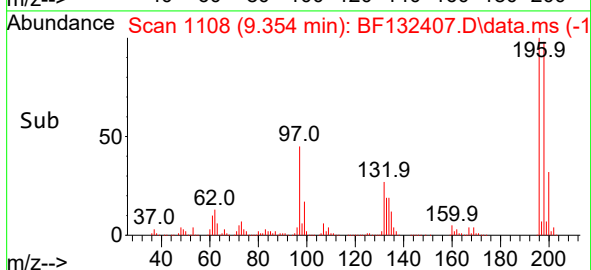
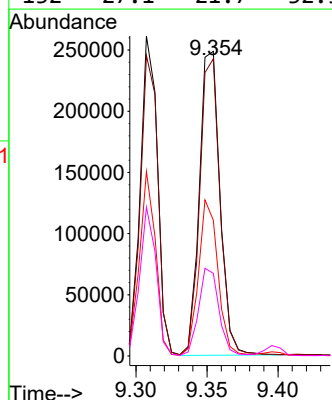
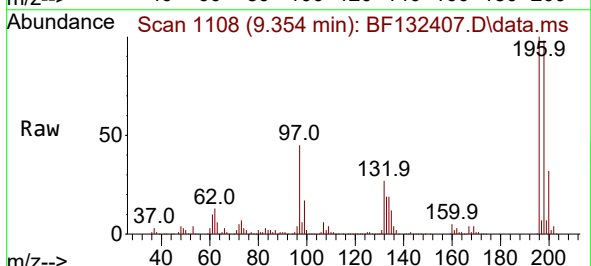
Ion Ratio Lower Upper

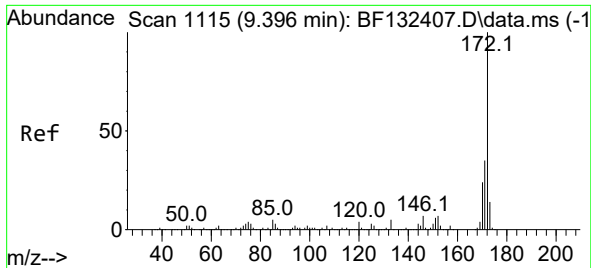
196 100

198 97.5 78.0 117.0

97 44.5 35.6 53.4

132 27.1 21.7 32.5

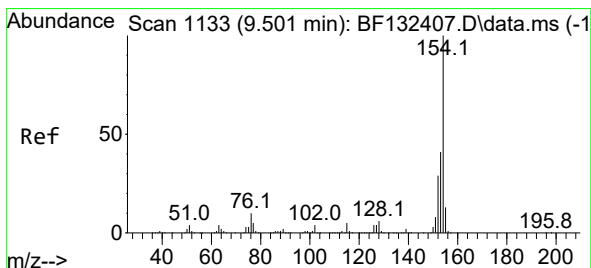
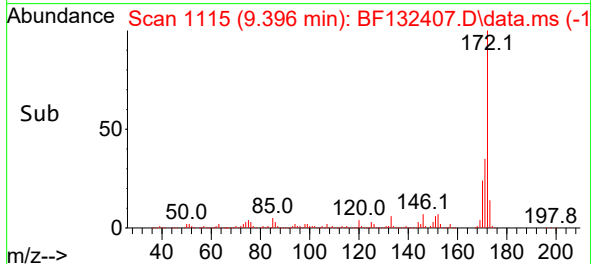
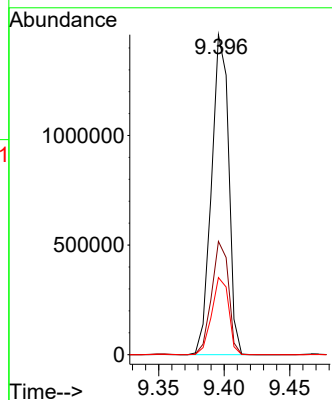
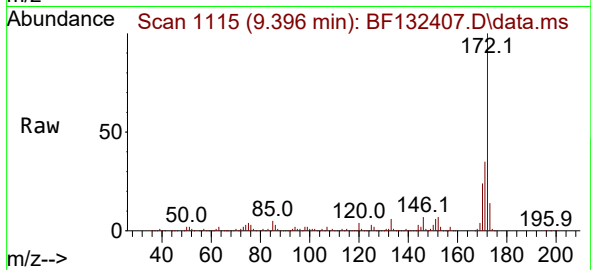




#45
2-Fluorobiphenyl
Concen: 83.122 ng
RT: 9.396 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

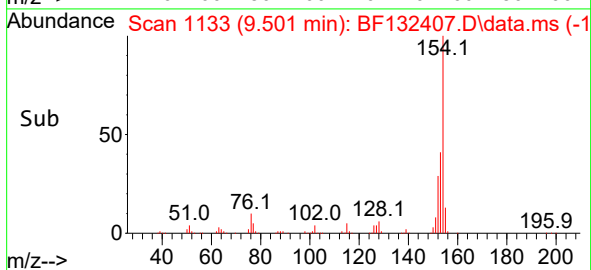
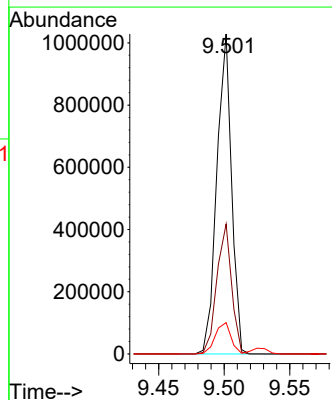
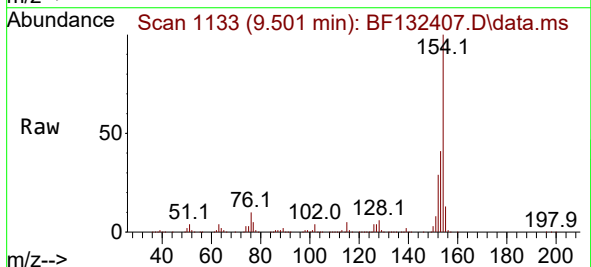
Instrument :
BNA_F
ClientSampleId :

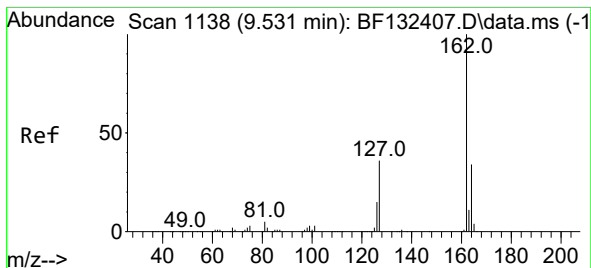
Tgt Ion:172 Resp: 1327413
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.1 19.3 28.9



#46
1,1'-Biphenyl
Concen: 42.147 ng
RT: 9.501 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:154 Resp: 801299
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 9.8 0.0 29.8





#47

2-Chloronaphthalene

Concen: 42.674 ng

RT: 9.531 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

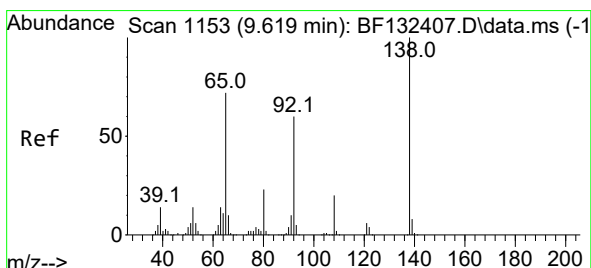
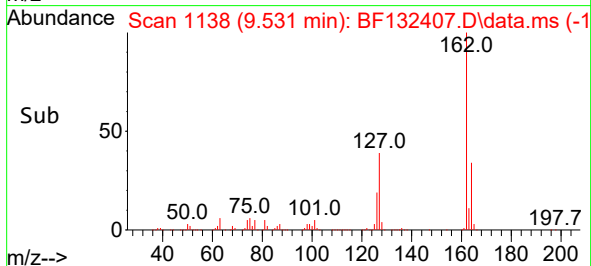
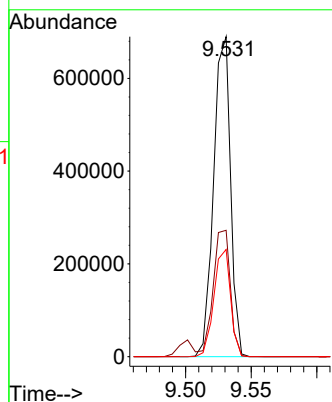
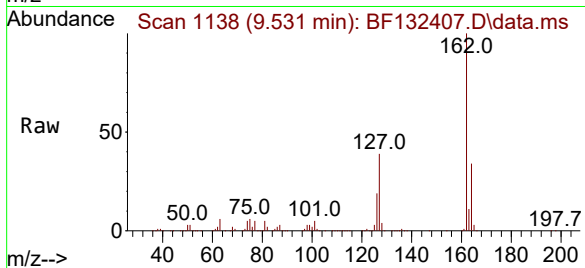
Tgt Ion:162 Resp: 617942

Ion Ratio Lower Upper

162 100

127 39.5 31.6 47.4

164 33.5 26.8 40.2



#48

2-Nitroaniline

Concen: 35.041 ng

RT: 9.619 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

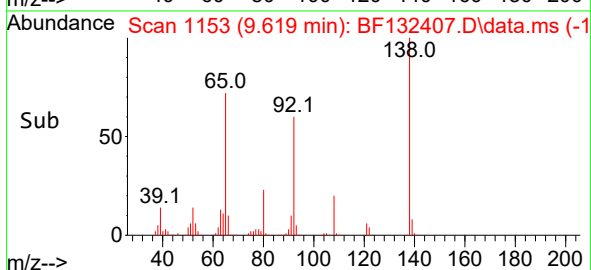
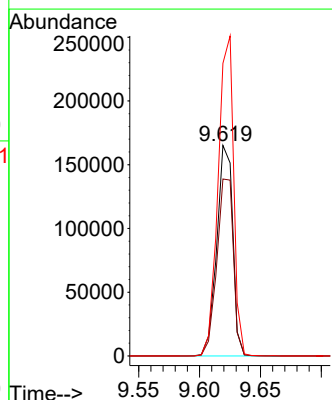
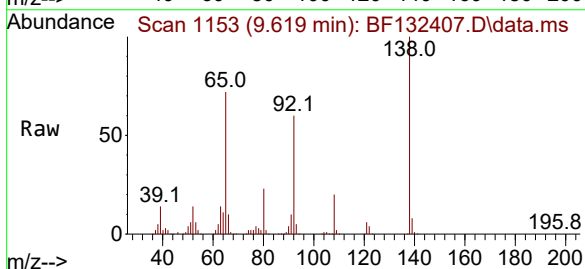
Tgt Ion: 65 Resp: 150906

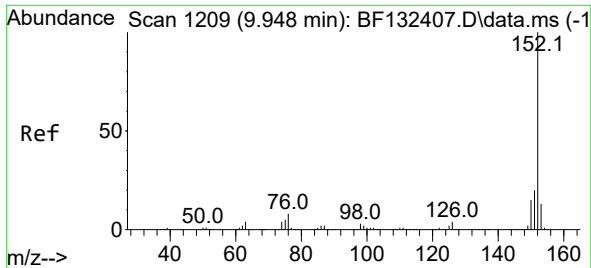
Ion Ratio Lower Upper

65 100

92 84.0 67.2 100.8

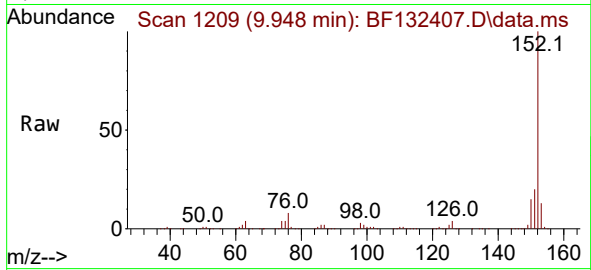
138 139.0 111.2 166.8



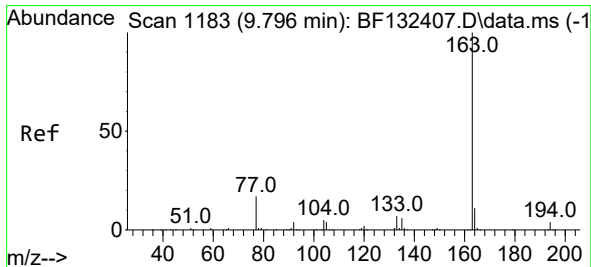
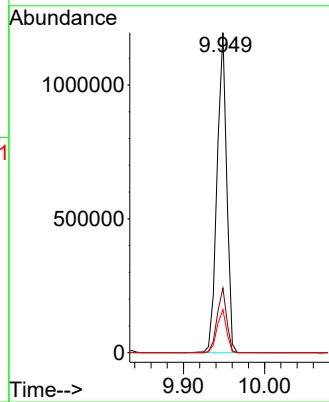
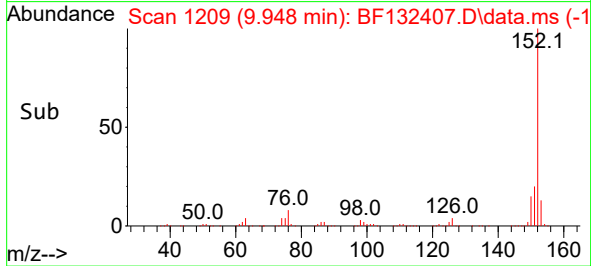


#49
Acenaphthylene
Concen: 41.613 ng
RT: 9.948 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

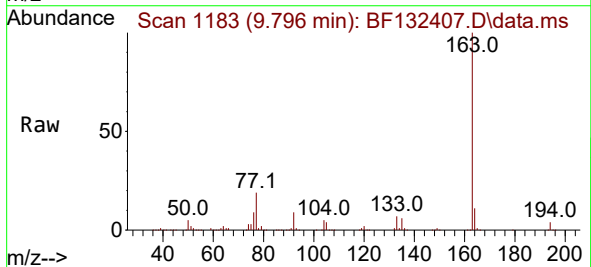
Instrument :
BNA_F
ClientSampleId :



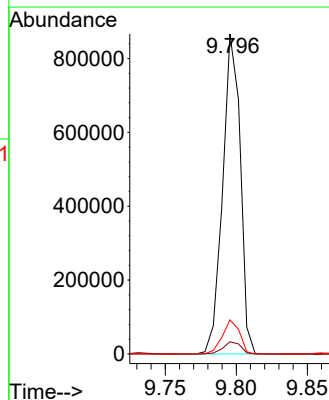
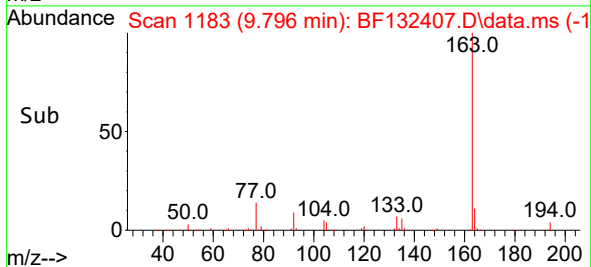
Tgt Ion:152 Resp: 983455
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.5 10.8 16.2

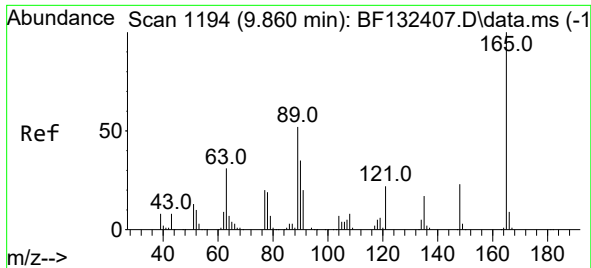


#50
Dimethylphthalate
Concen: 43.075 ng
RT: 9.796 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



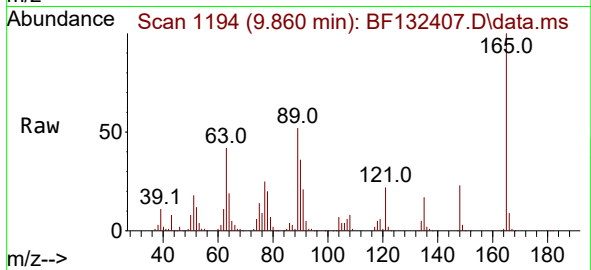
Tgt Ion:163 Resp: 743071
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.6 8.5 12.7



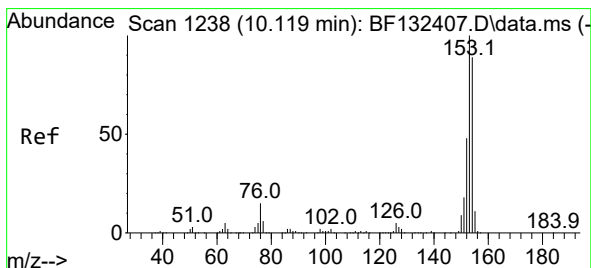
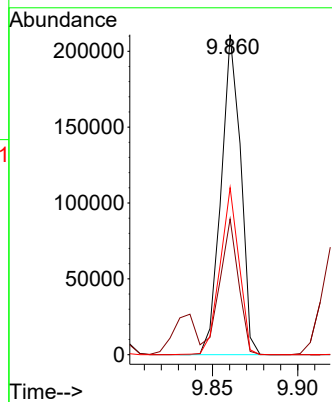
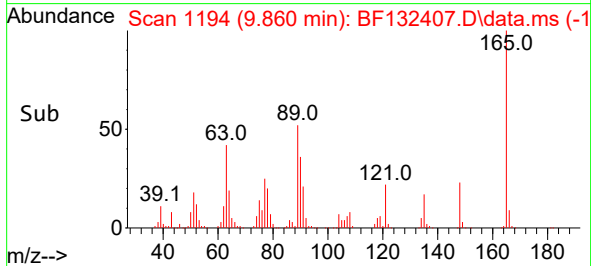


#51
2,6-Dinitrotoluene
Concen: 43.733 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

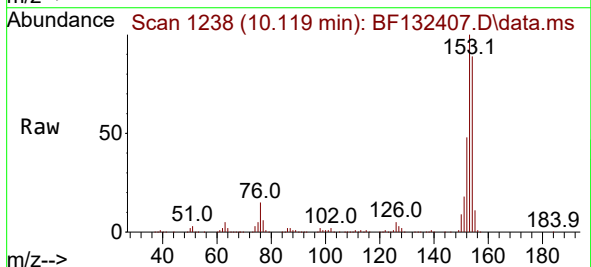
Instrument :
BNA_F
ClientSampleId :



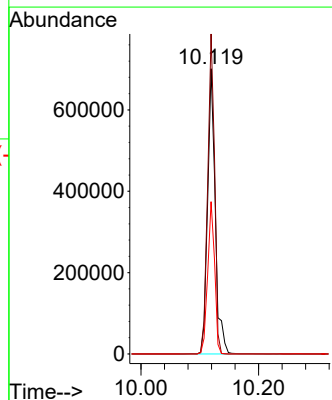
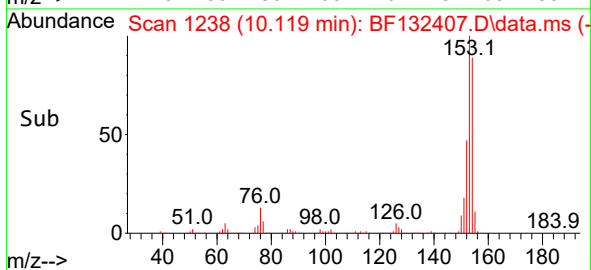
Tgt Ion:165 Resp: 168490
Ion Ratio Lower Upper
165 100
63 42.5 34.0 51.0
89 52.2 41.8 62.6

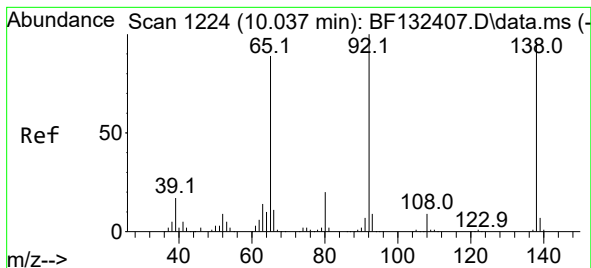


#52
Acenaphthene
Concen: 42.916 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



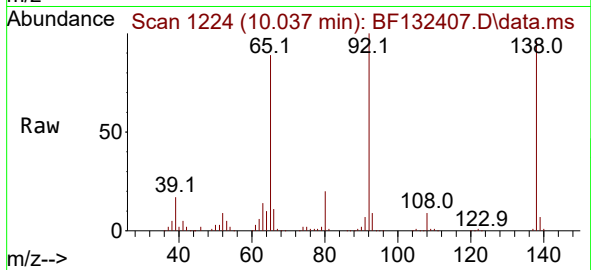
Tgt Ion:154 Resp: 634976
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.6
152 53.4 42.7 64.1



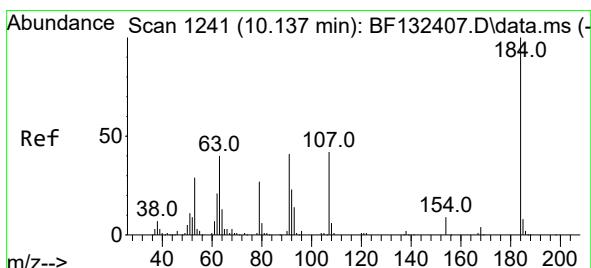
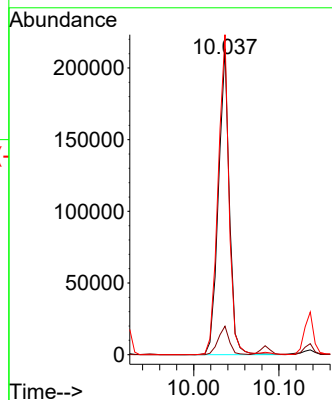
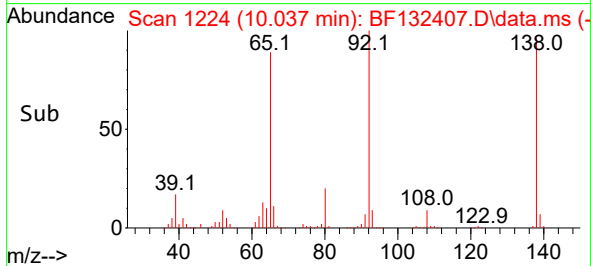


#53
3-Nitroaniline
Concen: 40.548 ng
RT: 10.037 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :

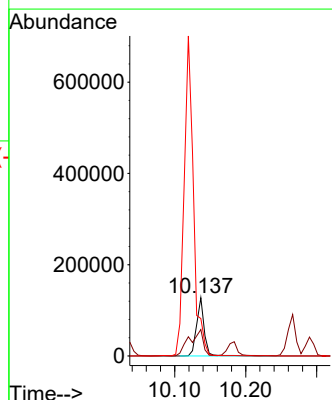
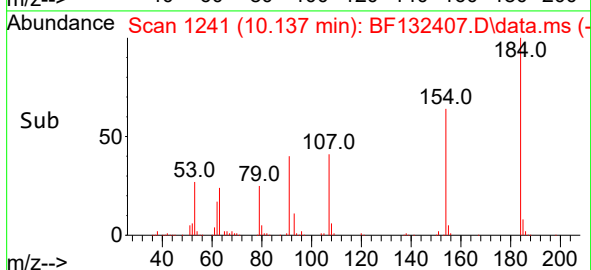
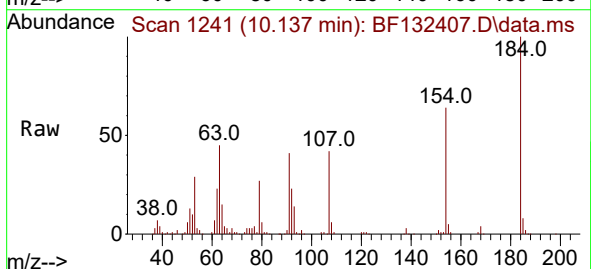


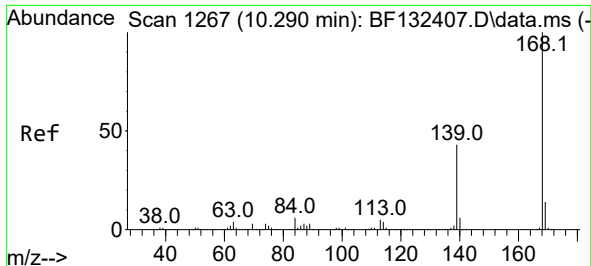
Tgt Ion:138 Resp: 189446
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 104.6 83.7 125.5



#54
2,4-Dinitrophenol
Concen: 47.774 ng
RT: 10.137 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

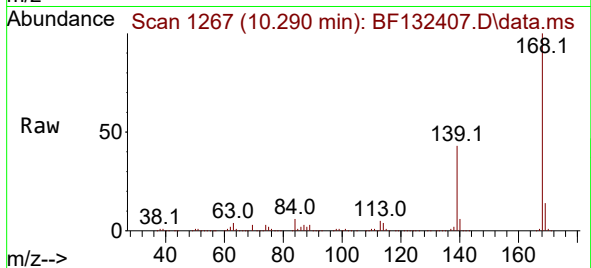
Tgt Ion:184 Resp: 94931
Ion Ratio Lower Upper
184 100
63 45.2 36.2 54.2
154 64.2 51.4 77.0



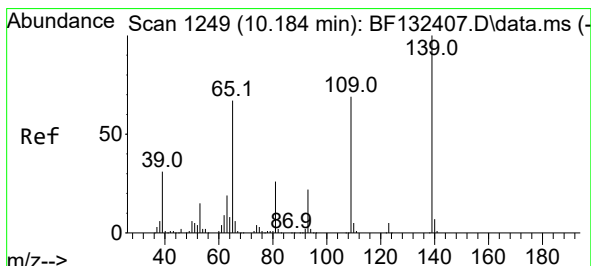
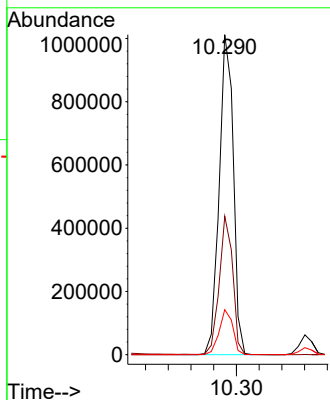
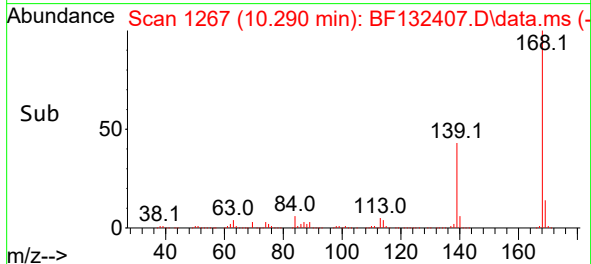


#55
Dibenzenofuran
Concen: 42.033 ng
RT: 10.290 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :

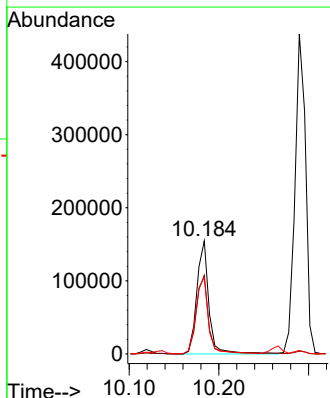
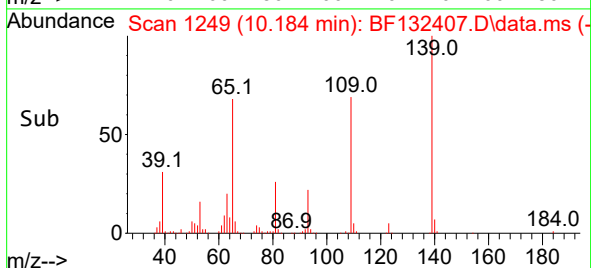
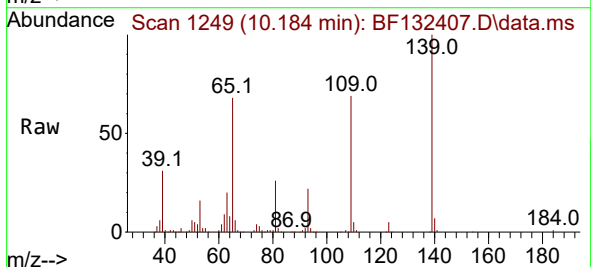


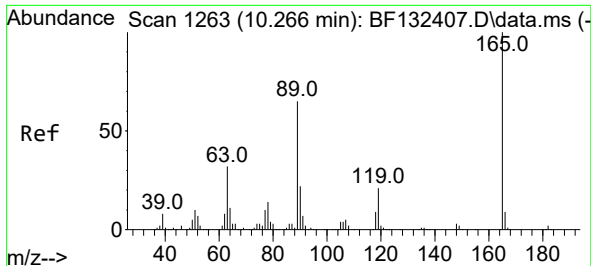
Tgt Ion:168 Resp: 873809
Ion Ratio Lower Upper
168 100
139 43.3 34.6 52.0
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 41.114 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

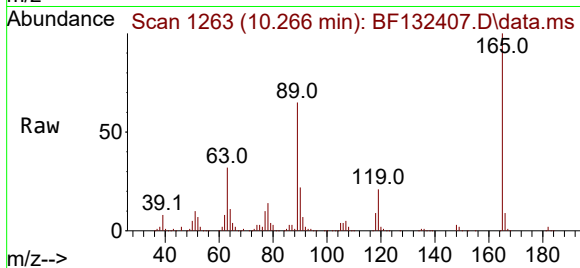
Tgt Ion:139 Resp: 144549
Ion Ratio Lower Upper
139 100
109 69.4 49.4 89.4
65 67.6 47.6 87.6



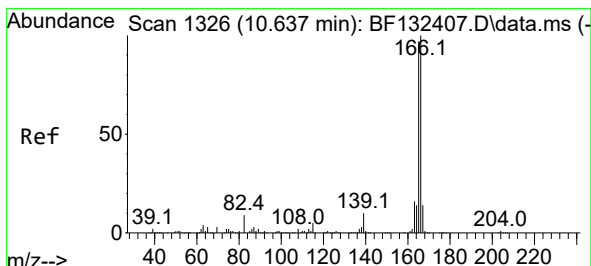
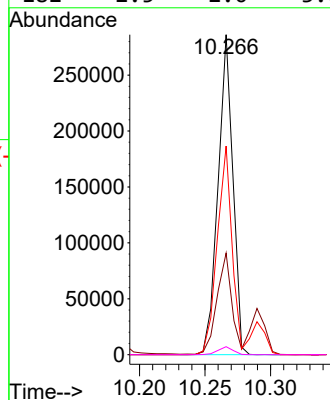
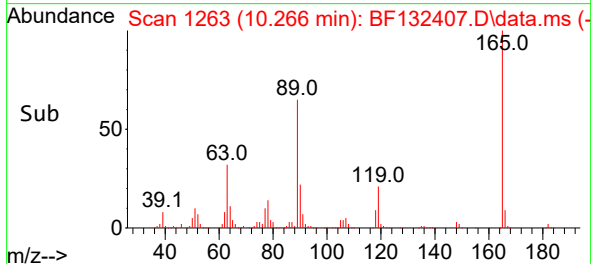


#57
2,4-Dinitrotoluene
Concen: 44.873 ng
RT: 10.266 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :

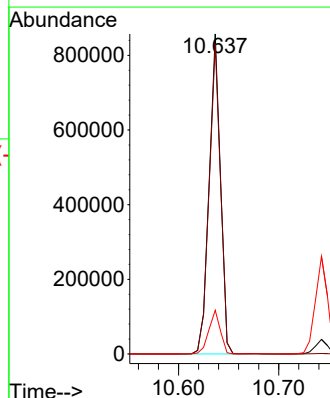
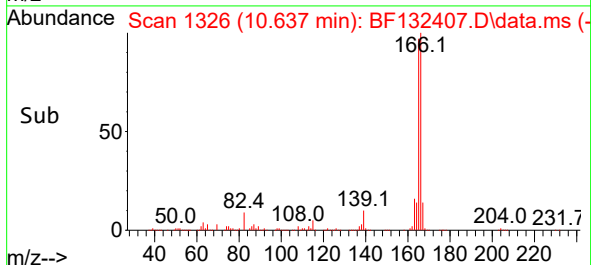
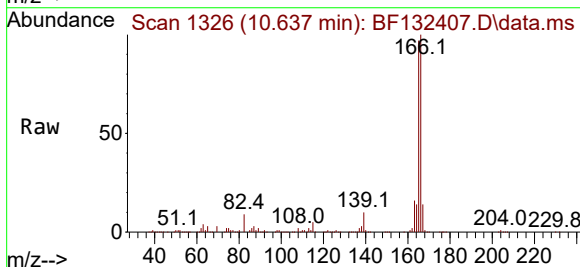


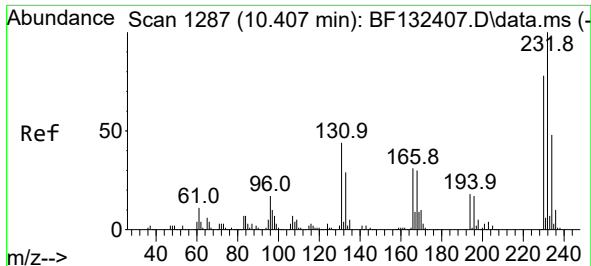
Tgt Ion:165 Resp: 224573
Ion Ratio Lower Upper
165 100
63 31.8 25.4 38.2
89 65.2 52.2 78.2
182 2.5 2.0 3.0



#58
Fluorene
Concen: 42.266 ng
RT: 10.637 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:166 Resp: 676219
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.6 10.9 16.3

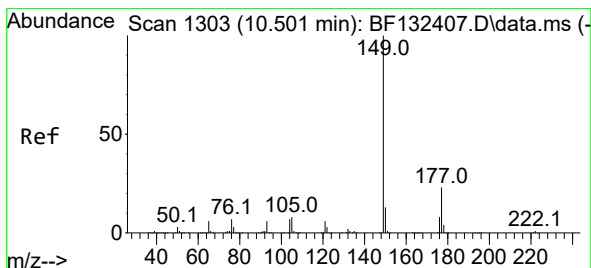
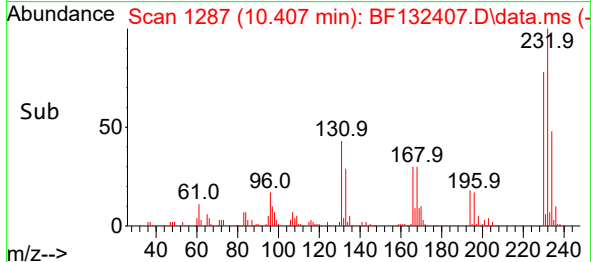
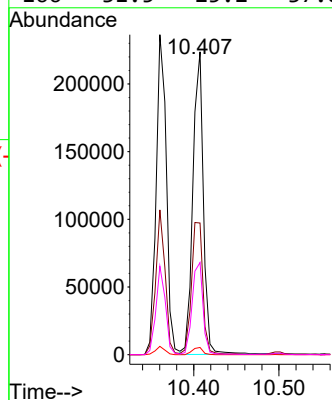
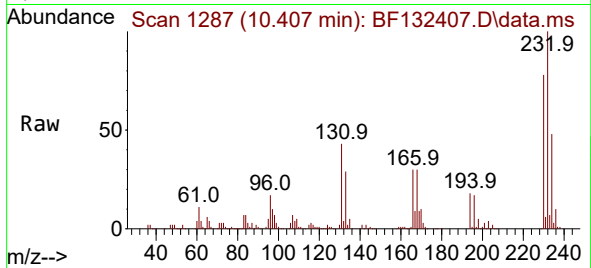




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.934 ng
RT: 10.407 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

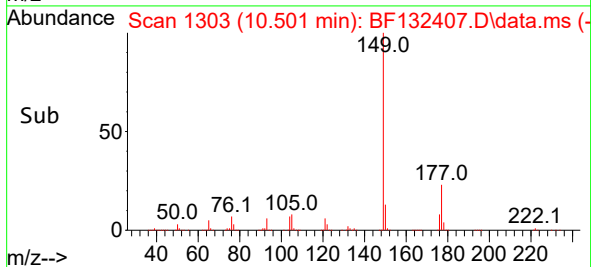
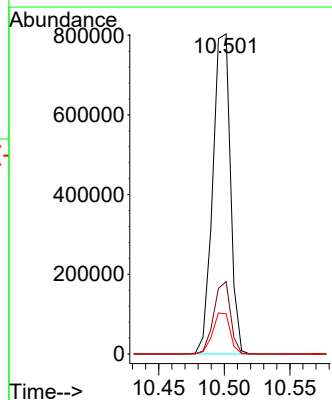
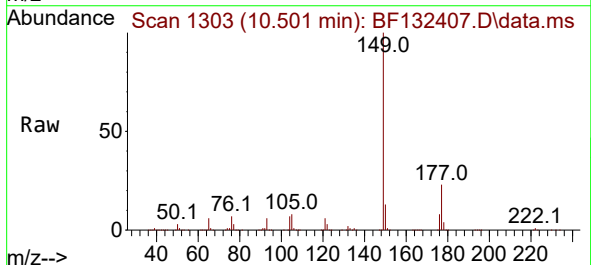
Instrument :
BNA_F
ClientSampleId :

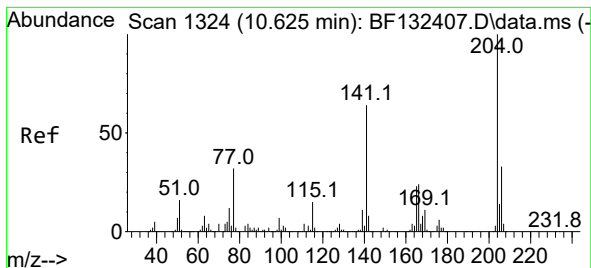
Tgt Ion:232 Resp: 191205
Ion Ratio Lower Upper
232 100
131 47.4 37.9 56.9
130 2.4 1.9 2.9
166 31.5 25.2 37.8



#60
Diethylphthalate
Concen: 43.779 ng
RT: 10.501 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:149 Resp: 751284
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.6 10.1 15.1

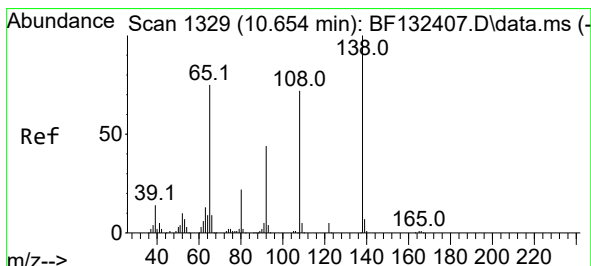
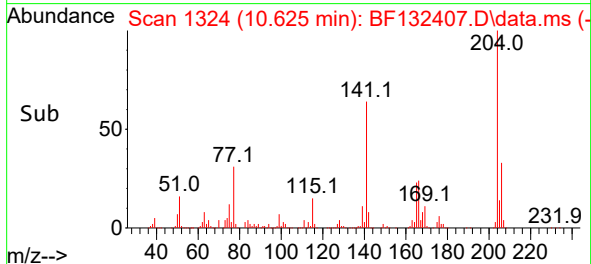
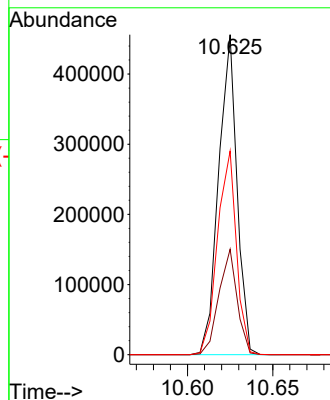
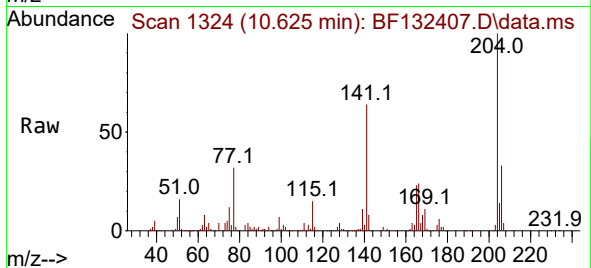




#61
4-Chlorophenyl-phenylether
Concen: 45.140 ng
RT: 10.625 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

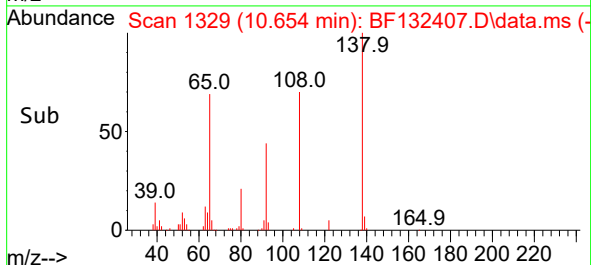
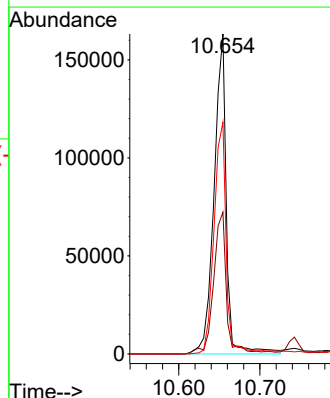
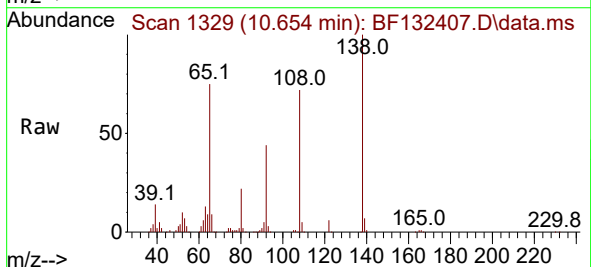
Instrument :
BNA_F
ClientSampleId :

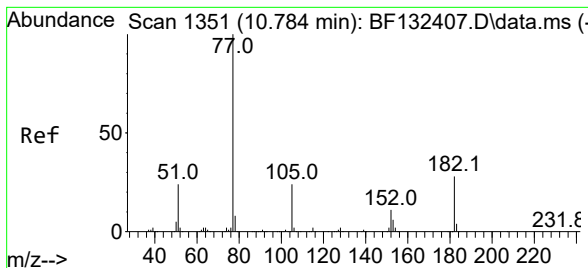
Tgt Ion:204 Resp: 342744
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 63.6 50.9 76.3



#62
4-Nitroaniline
Concen: 38.214 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:138 Resp: 171212
Ion Ratio Lower Upper
138 100
92 44.3 24.3 64.3
108 72.4 52.4 92.4





#63

Azobenzene

Concen: 35.269 ng

RT: 10.784 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 589553

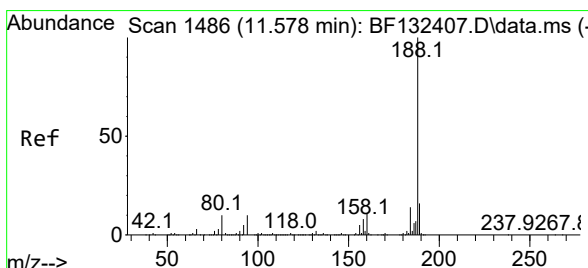
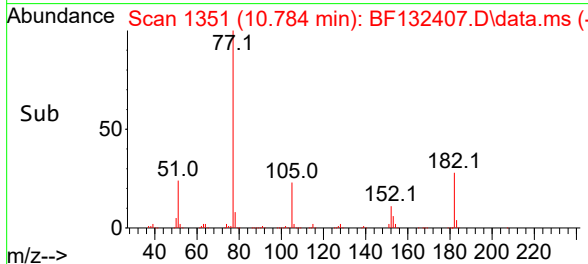
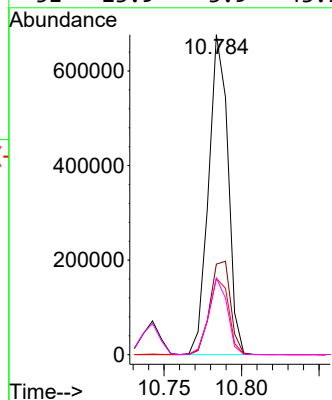
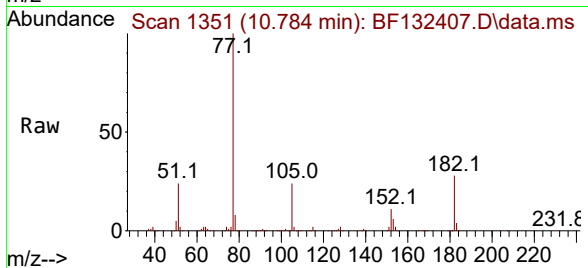
Ion Ratio Lower Upper

77 100

182 28.3 8.3 48.3

105 23.9 3.9 43.9

51 23.9 3.9 43.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.578 min Scan# 1486

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

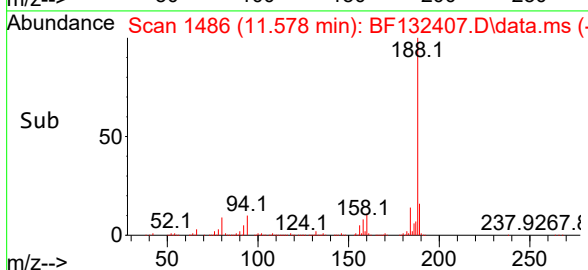
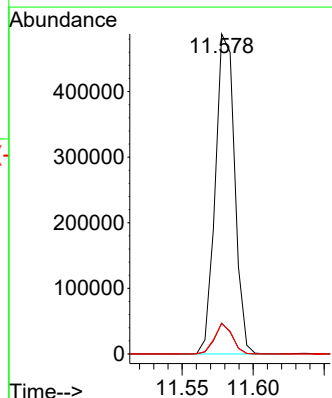
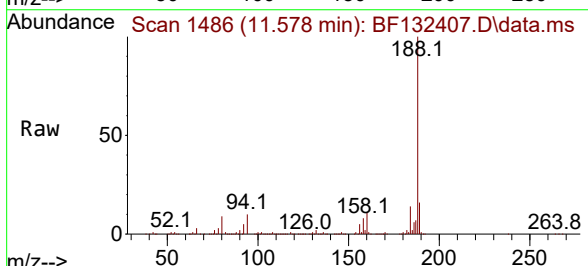
Tgt Ion:188 Resp: 461531

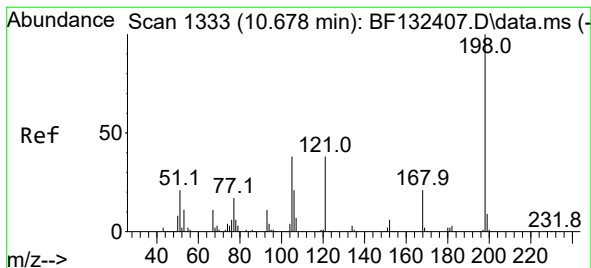
Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 9.5 7.6 11.4

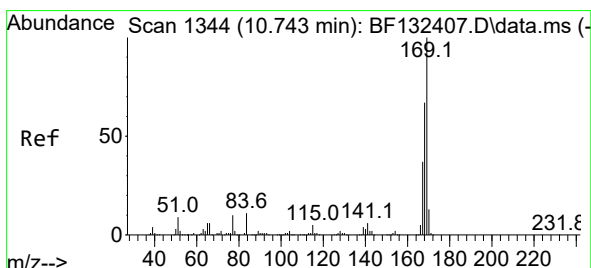
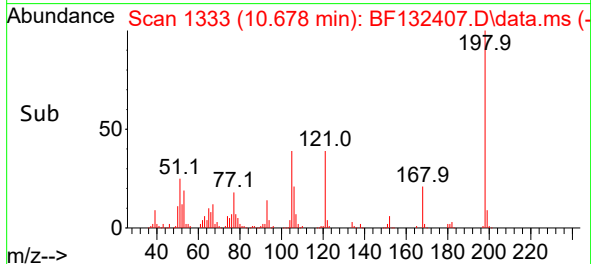
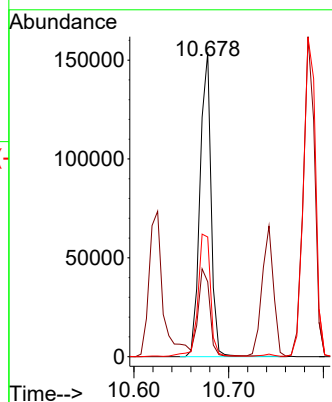
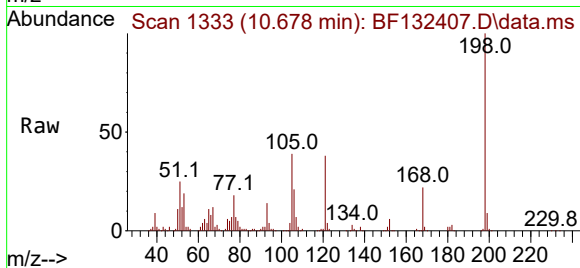




#65
4,6-Dinitro-2-methylphenol
Concen: 47.750 ng
RT: 10.678 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

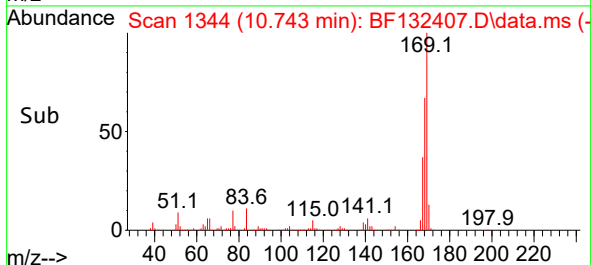
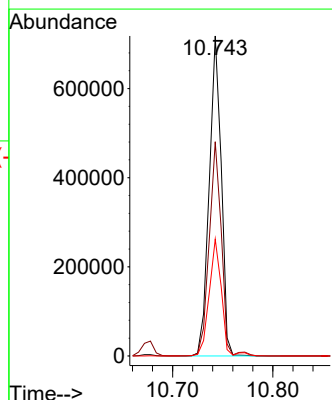
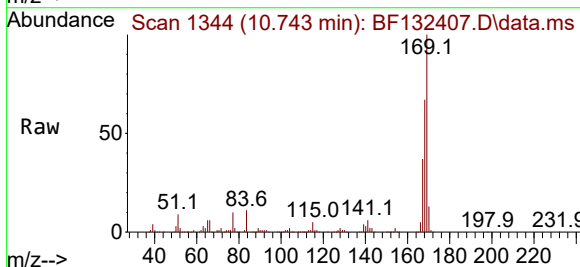
Instrument :
BNA_F
ClientSampleId :

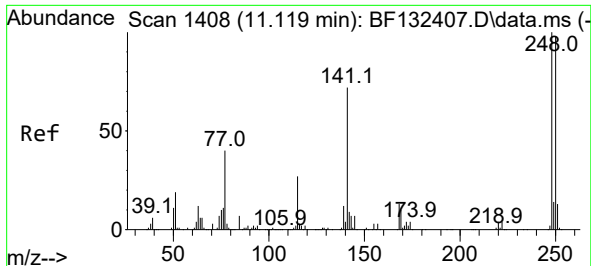
Tgt Ion:198 Resp: 125079
Ion Ratio Lower Upper
198 100
51 24.6 4.6 44.6
105 39.3 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 41.487 ng
RT: 10.743 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:169 Resp: 599574
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.5 29.2 43.8

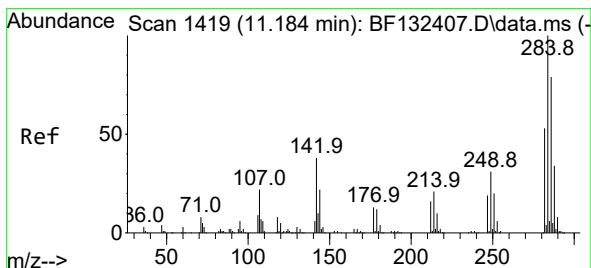
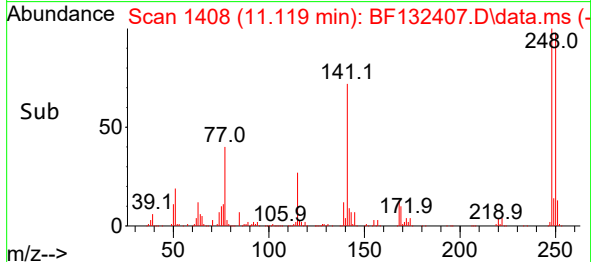
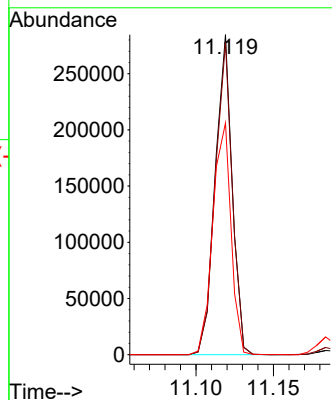
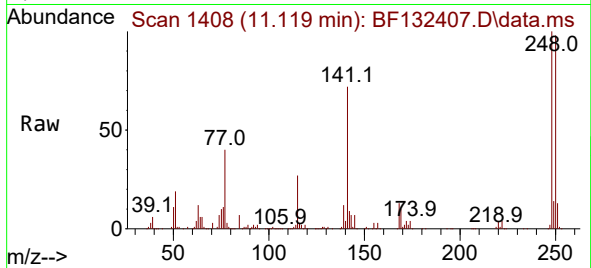




#67
4-Bromophenyl-phenylether
Concen: 46.159 ng
RT: 11.119 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

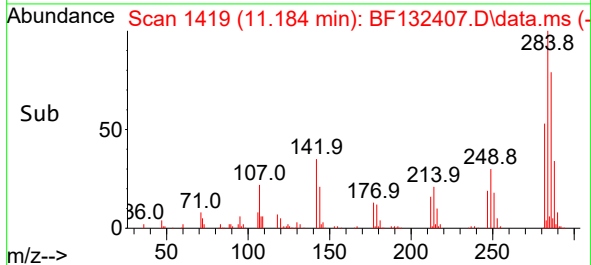
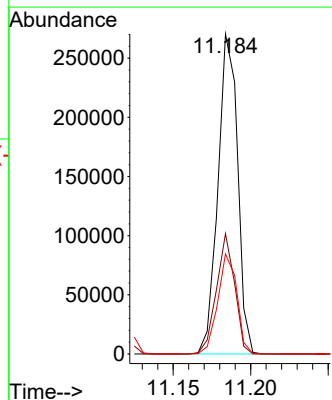
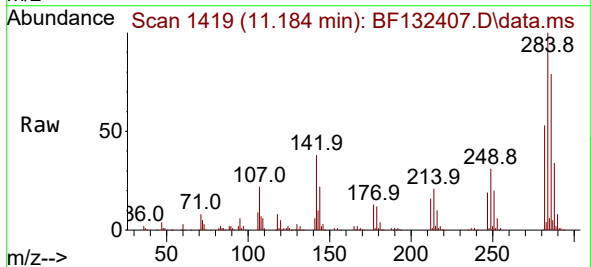
Instrument :
BNA_F
ClientSampleId :

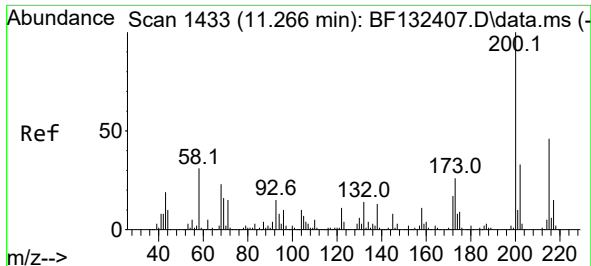
Tgt Ion:248 Resp: 218150
Ion Ratio Lower Upper
248 100
250 97.6 78.1 117.1
141 72.4 57.9 86.9



#68
Hexachlorobenzene
Concen: 47.174 ng
RT: 11.184 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:284 Resp: 238294
Ion Ratio Lower Upper
284 100
142 37.6 30.1 45.1
249 31.2 25.0 37.4

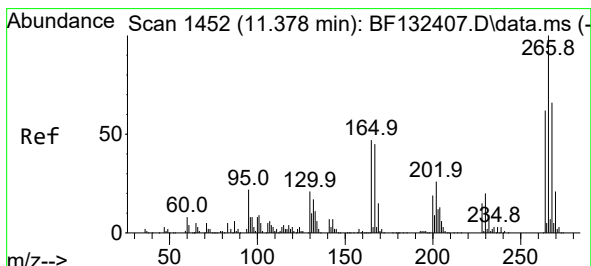
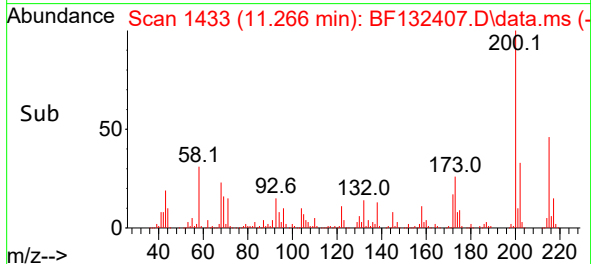
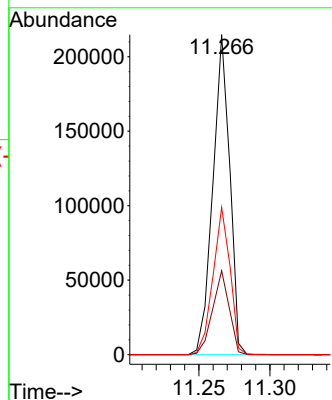
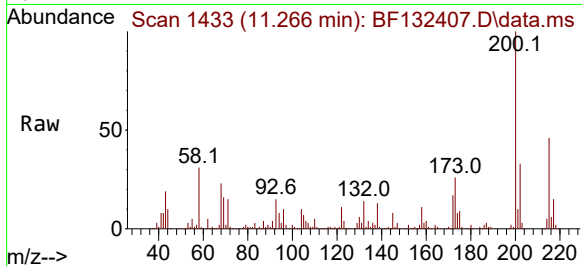




#69
 Atrazine
 Concen: 42.534 ng
 RT: 11.266 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

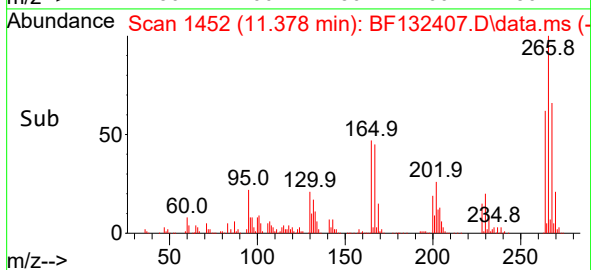
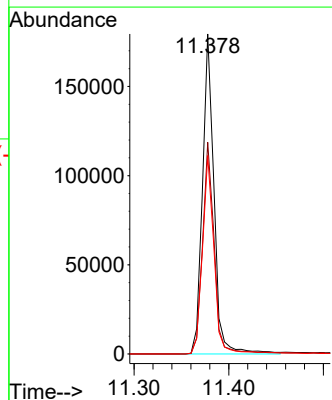
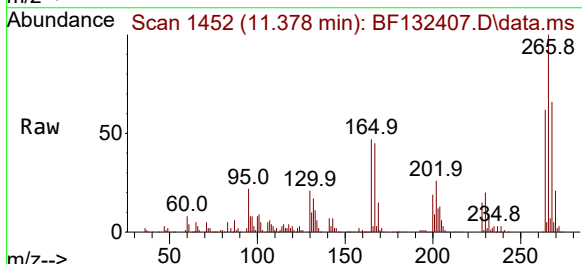
Instrument :
 BNA_F
 ClientSampleId :

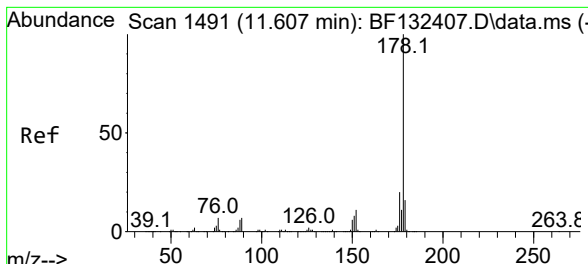
Tgt Ion:200 Resp: 176811
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.3 46.3
 215 46.1 26.1 66.1



#70
 Pentachlorophenol
 Concen: 43.658 ng
 RT: 11.378 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

Tgt Ion:266 Resp: 151525
 Ion Ratio Lower Upper
 266 100
 268 66.2 53.0 79.4
 264 62.0 49.6 74.4



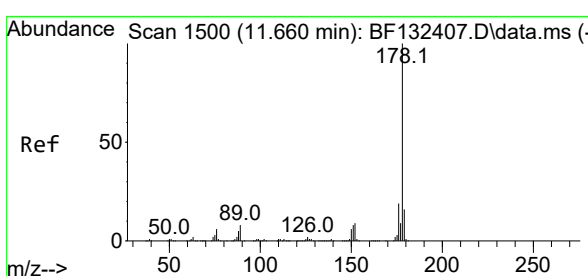
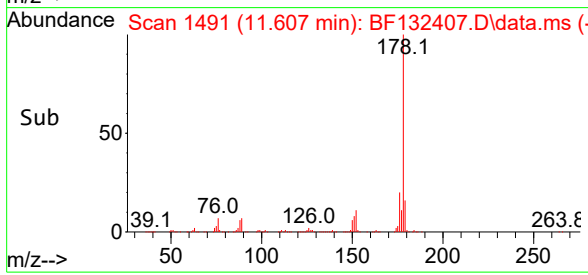
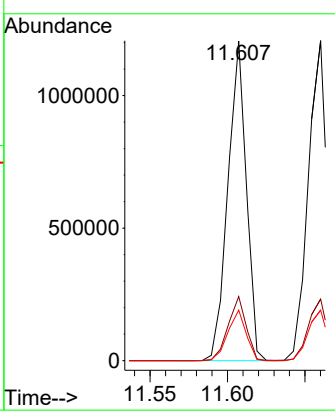
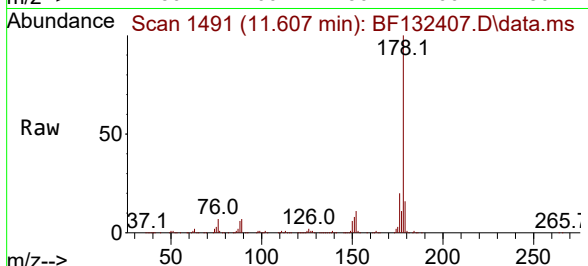


#71
 Phenanthrene
 Concen: 41.360 ng
 RT: 11.607 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:178 Resp: 997506

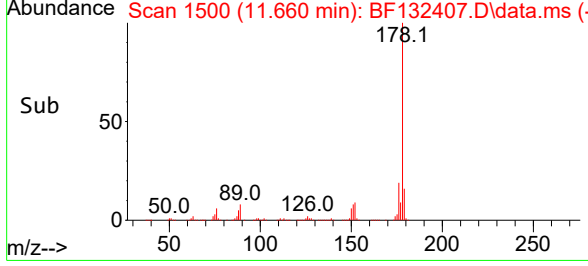
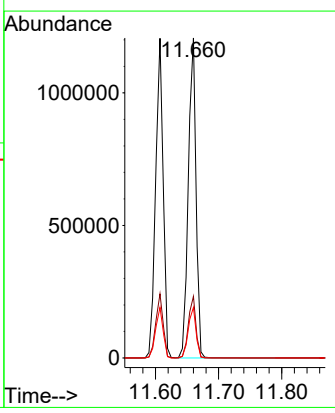
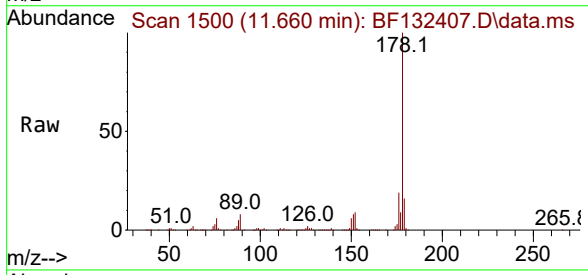
Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.1	24.1
179	15.8	12.6	19.0

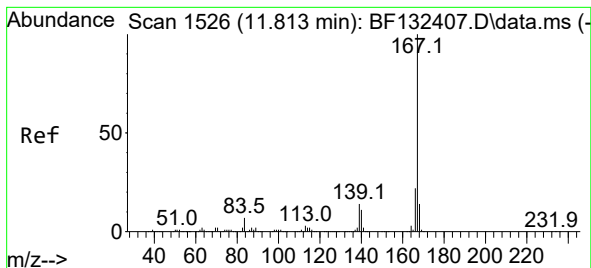


#72
 Anthracene
 Concen: 41.947 ng
 RT: 11.660 min Scan# 1500
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

Tgt Ion:178 Resp: 1029563

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.8	12.6	19.0





#73

Carbazole

Concen: 39.454 ng

RT: 11.813 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

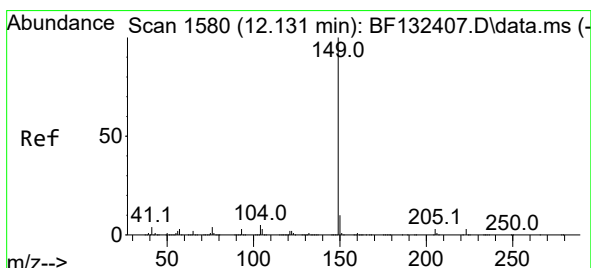
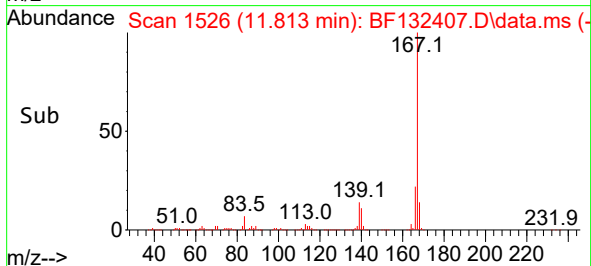
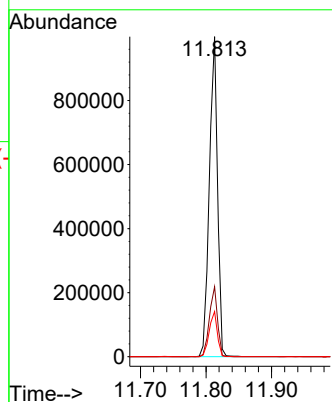
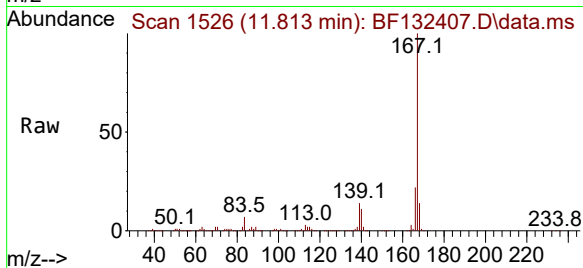
Tgt Ion:167 Resp: 868284

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 14.1 11.3 16.9



#74

Di-n-butylphthalate

Concen: 44.066 ng

RT: 12.131 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

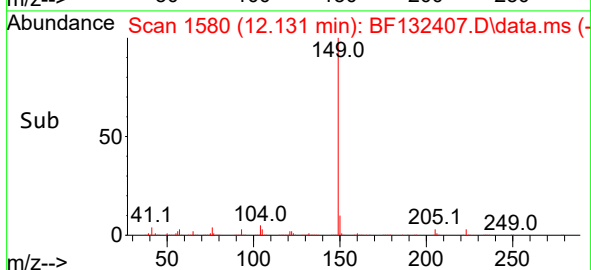
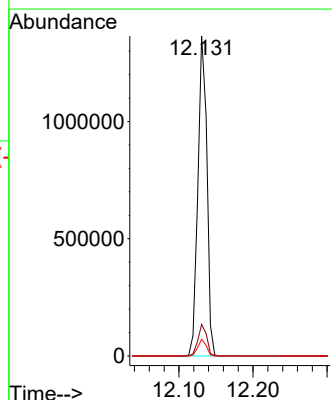
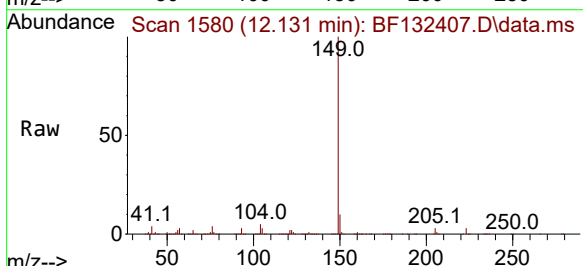
Tgt Ion:149 Resp: 1146506

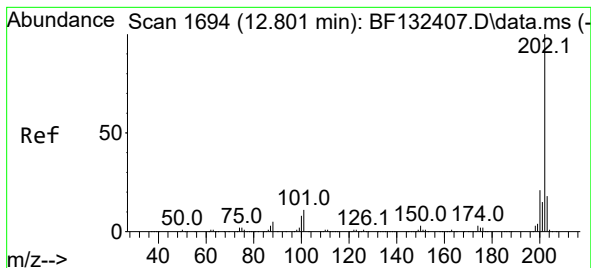
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 42.958 ng

RT: 12.801 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

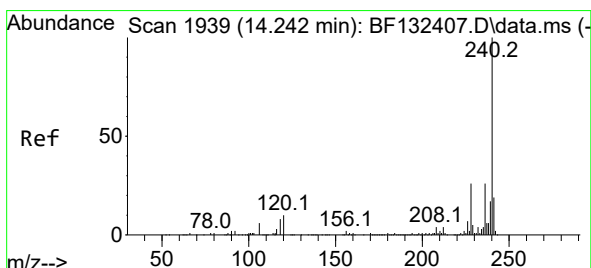
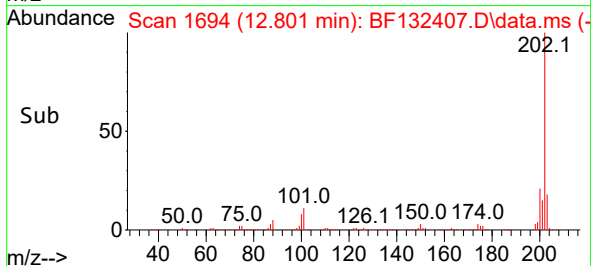
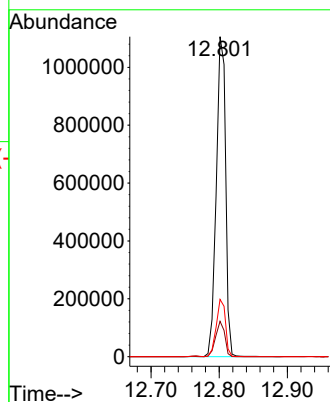
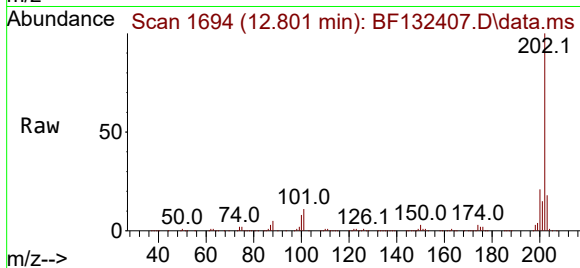
Tgt Ion:202 Resp: 1057251

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.0

203 17.9 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

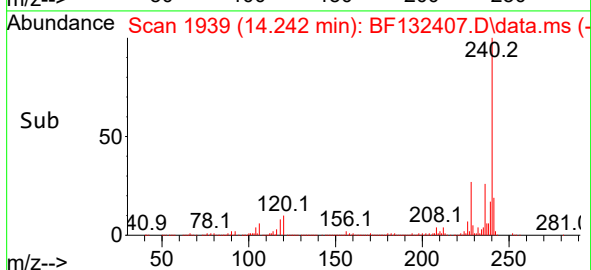
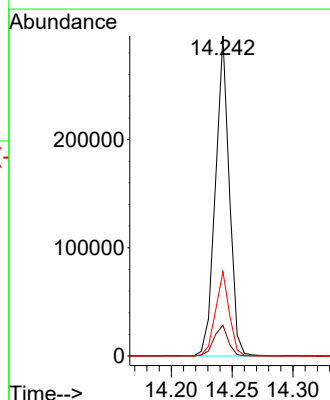
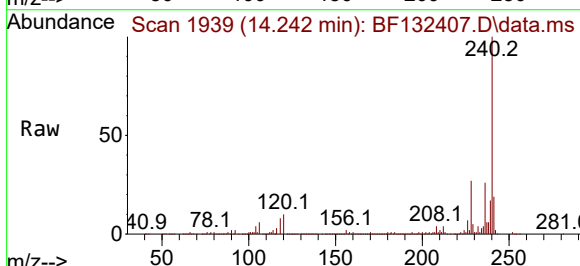
Tgt Ion:240 Resp: 233579

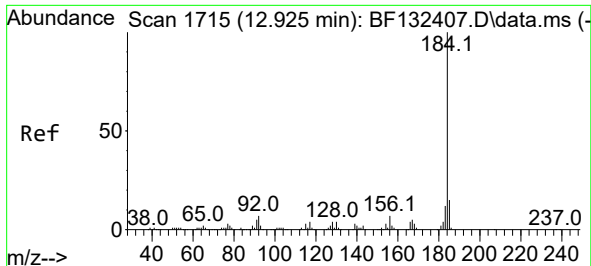
Ion Ratio Lower Upper

240 100

120 9.6 7.7 11.5

236 26.4 21.1 31.7

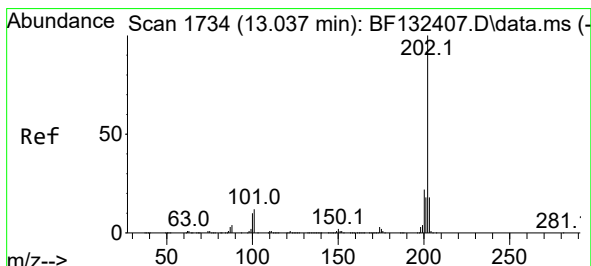
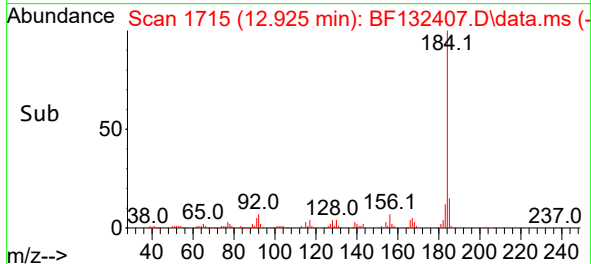
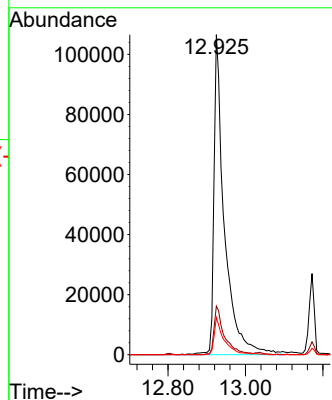
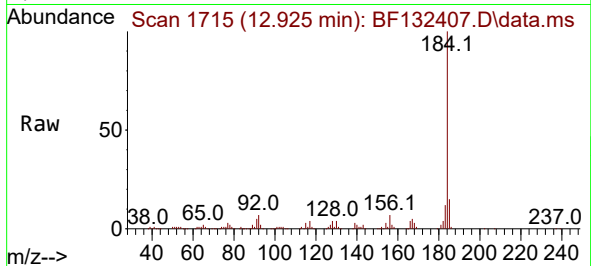




#77
Benzidine
Concen: 24.512 ng
RT: 12.925 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

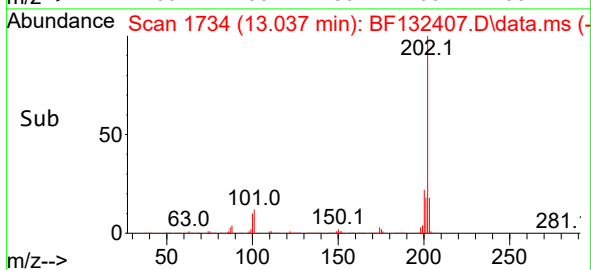
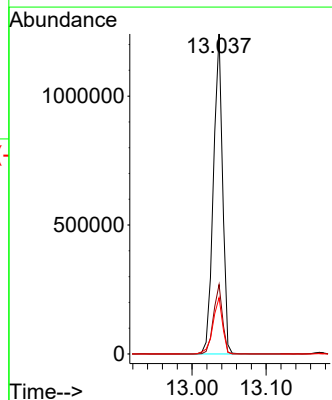
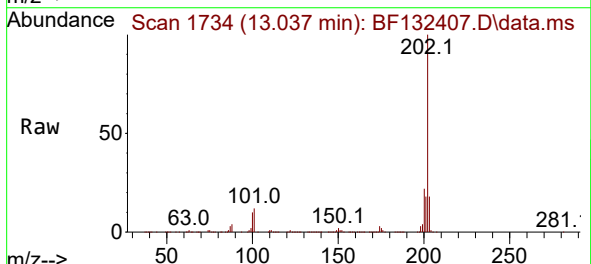
Instrument :
BNA_F
ClientSampleId :

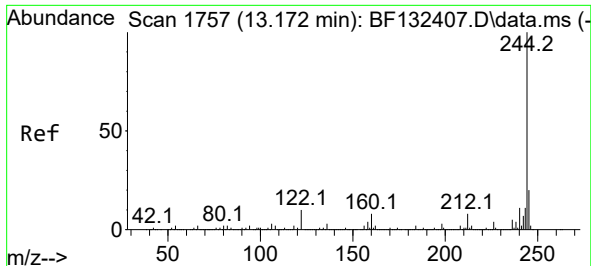
Tgt Ion:184 Resp: 200171
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 11.6 9.3 13.9



#78
Pyrene
Concen: 56.683 ng
RT: 13.037 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

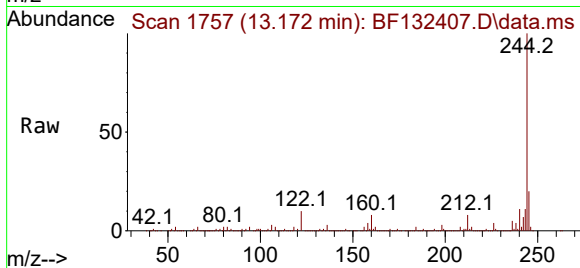
Tgt Ion:202 Resp: 1064899
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 17.6 14.1 21.1



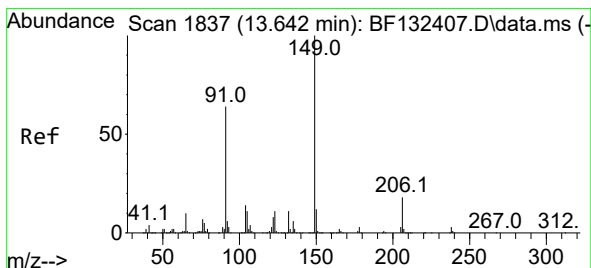
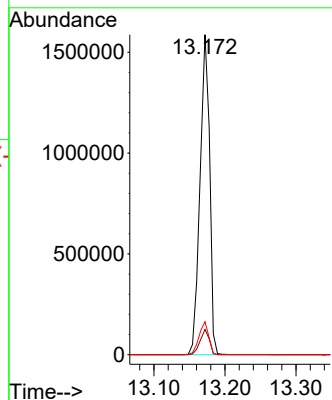
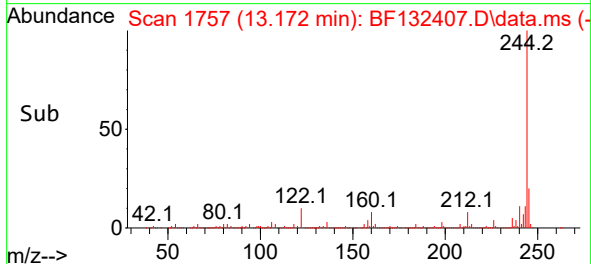


#79
 Terphenyl-d14
 Concen: 123.903 ng
 RT: 13.172 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

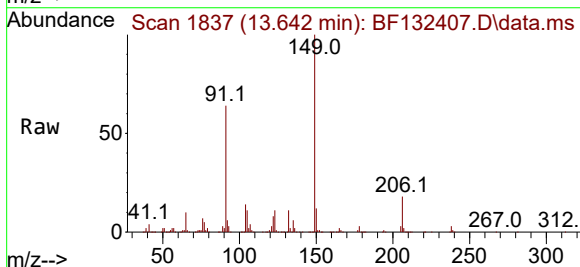
Instrument :
 BNA_F
 ClientSampleId :



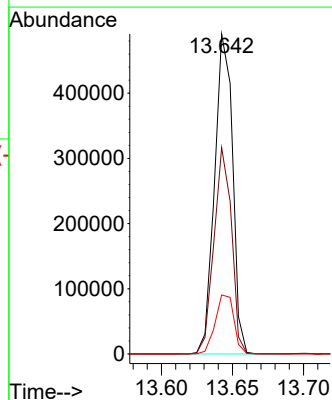
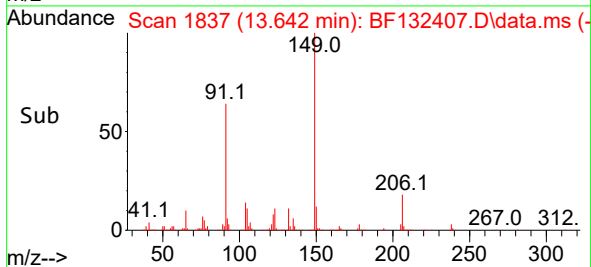
Tgt Ion:244 Resp: 1496123
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 10.3 8.2 12.4

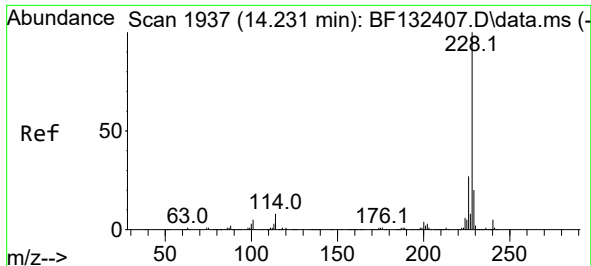


#80
 Butylbenzylphthalate
 Concen: 52.067 ng
 RT: 13.642 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27



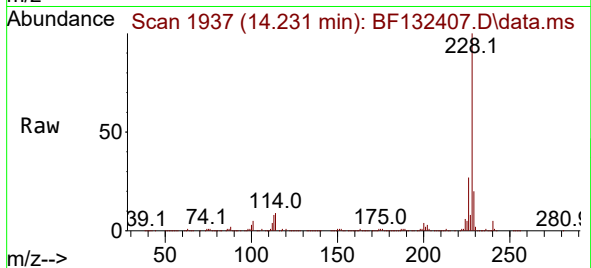
Tgt Ion:149 Resp: 432175
 Ion Ratio Lower Upper
 149 100
 91 64.5 51.6 77.4
 206 18.5 14.8 22.2



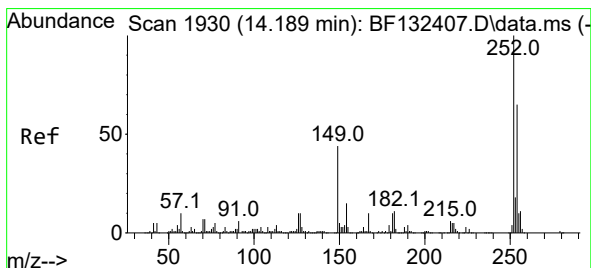
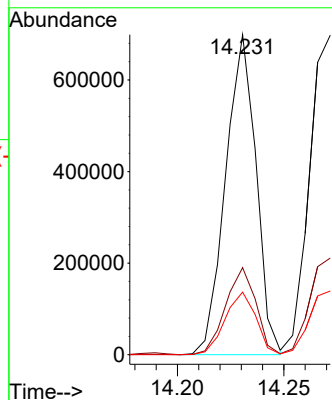


#81
Benzo(a)anthracene
Concen: 42.610 ng
RT: 14.231 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

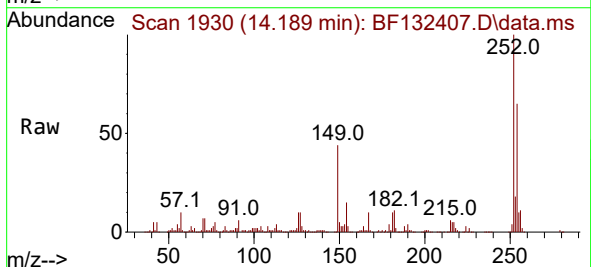
Instrument :
BNA_F
ClientSampleId :



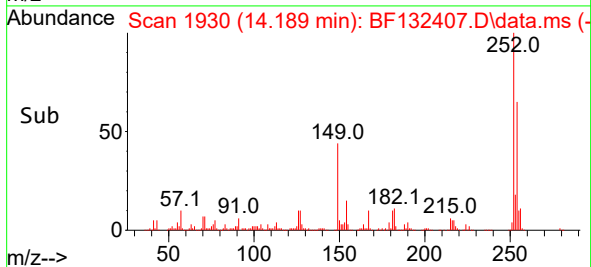
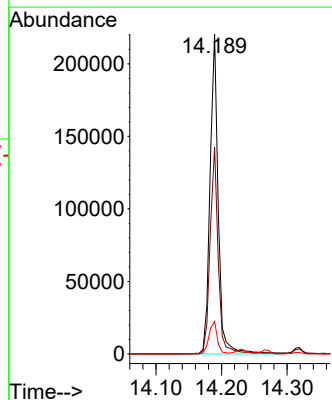
Tgt Ion:228 Resp: 696116
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 19.6 15.7 23.5

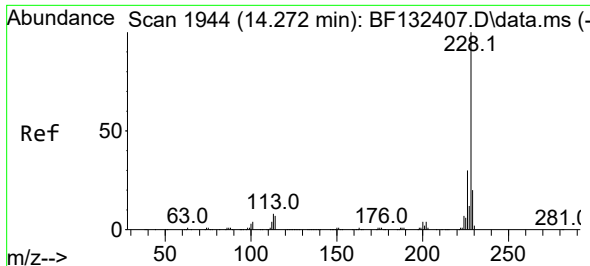


#82
3,3'-Dichlorobenzidine
Concen: 37.056 ng
RT: 14.189 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



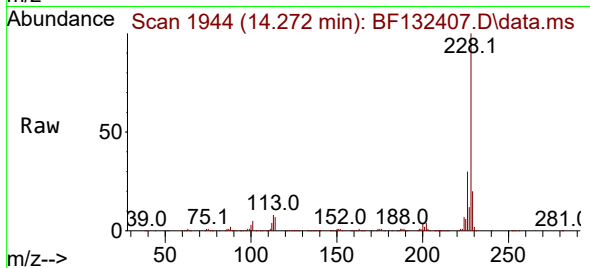
Tgt Ion:252 Resp: 192817
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 10.1 8.1 12.1



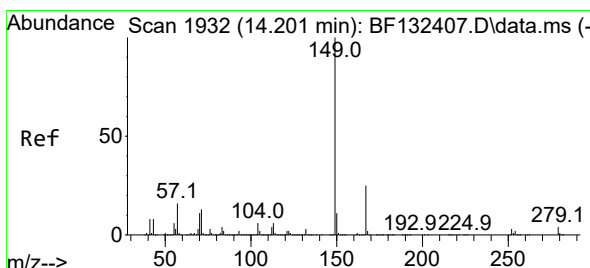
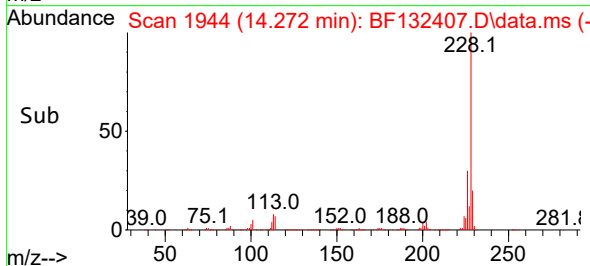
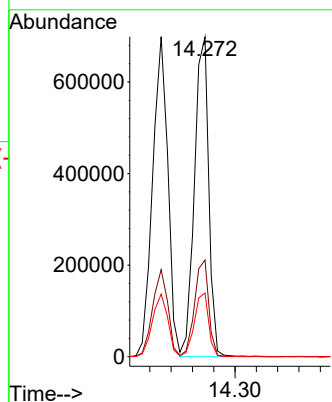


#83
Chrysene
Concen: 42.473 ng
RT: 14.272 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :

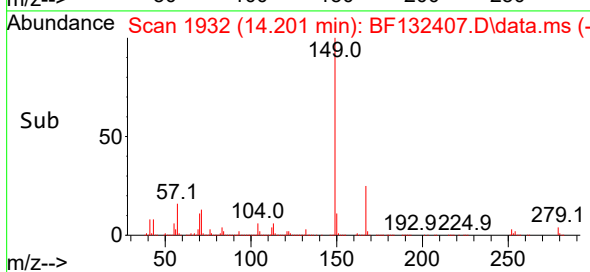
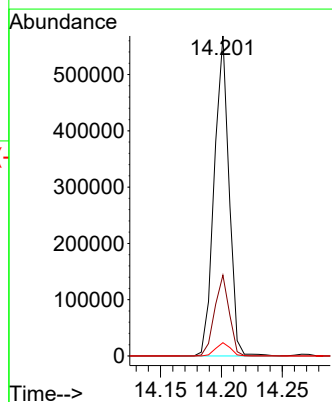
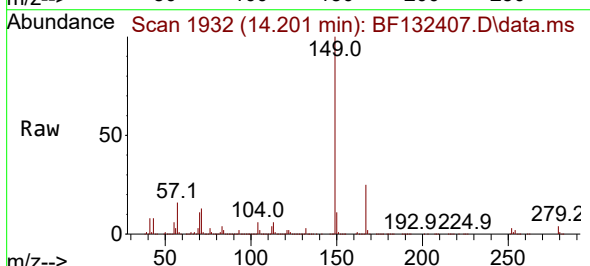


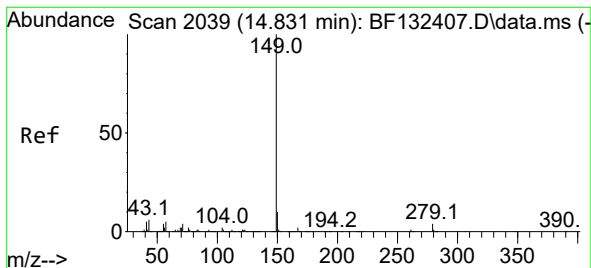
Tgt Ion:228 Resp: 649737
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.710 ng
RT: 14.201 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:149 Resp: 479175
Ion Ratio Lower Upper
149 100
167 25.3 20.2 30.4
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.134 ng

RT: 14.831 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

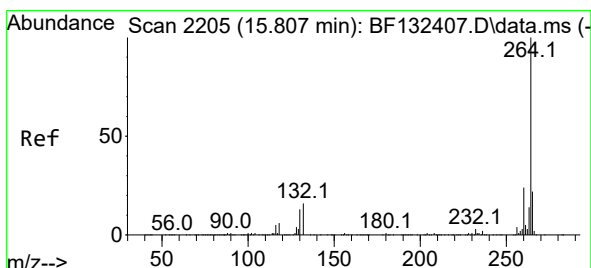
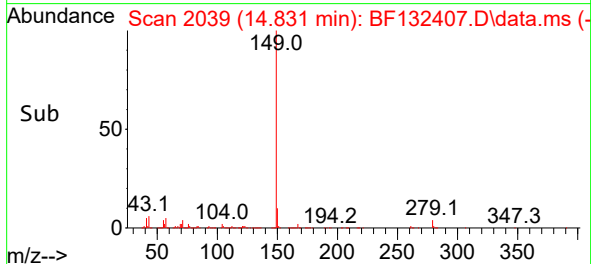
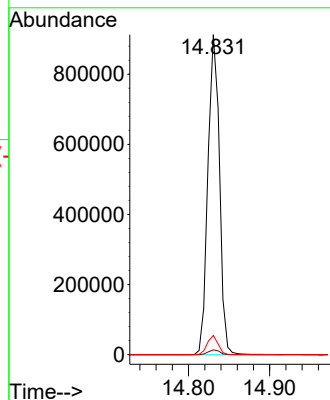
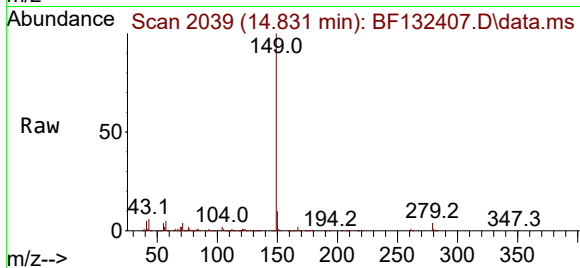
Tgt Ion:149 Resp: 899124

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 5.7 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.807 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

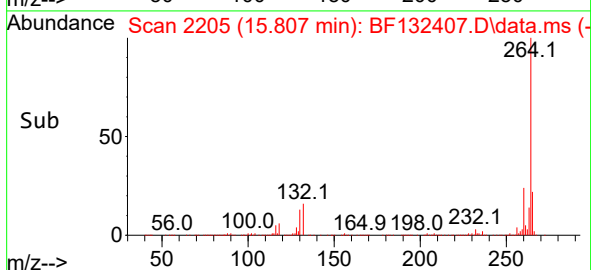
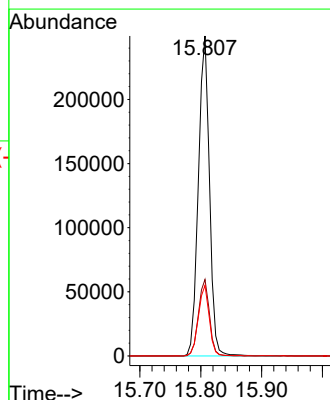
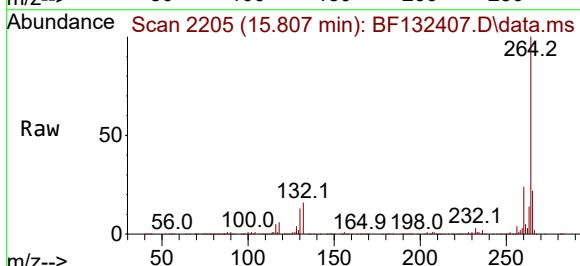
Tgt Ion:264 Resp: 316093

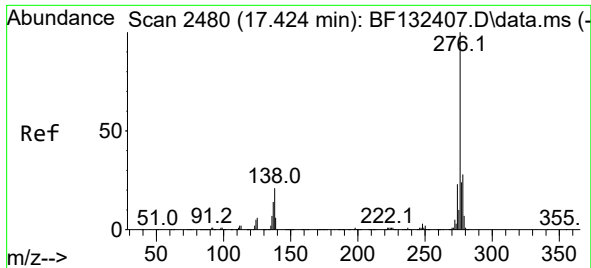
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.1 17.7 26.5

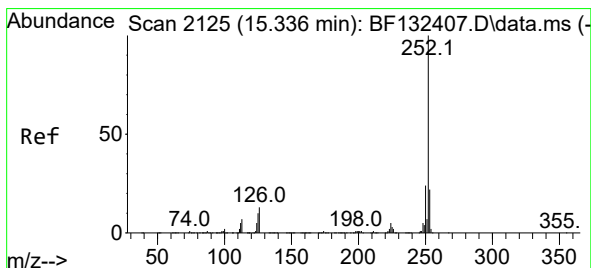
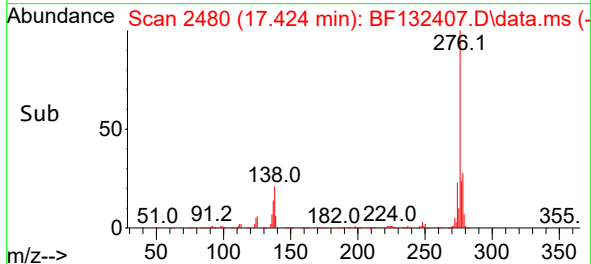
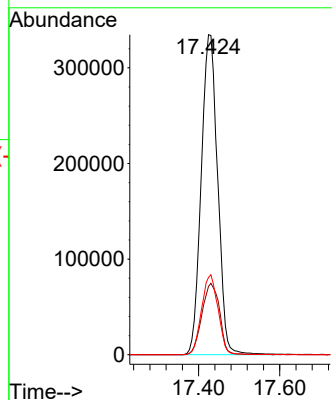
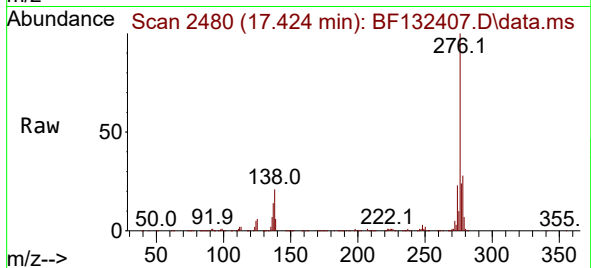




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.804 ng
 RT: 17.424 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

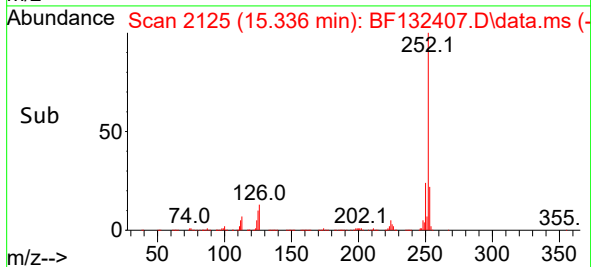
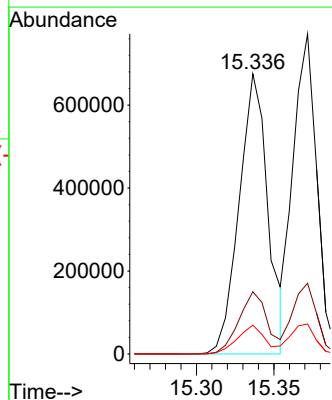
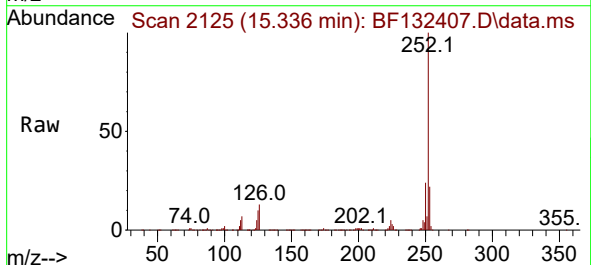
Instrument :
 BNA_F
 ClientSampleId :

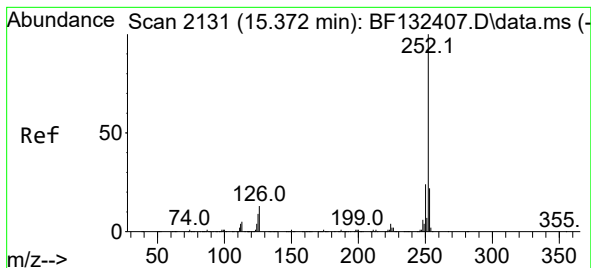
Tgt Ion:276 Resp: 941023
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.1 28.7
 277 25.0 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 43.473 ng
 RT: 15.336 min Scan# 2125
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

Tgt Ion:252 Resp: 873469
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.6
 125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 43.199 ng

RT: 15.372 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

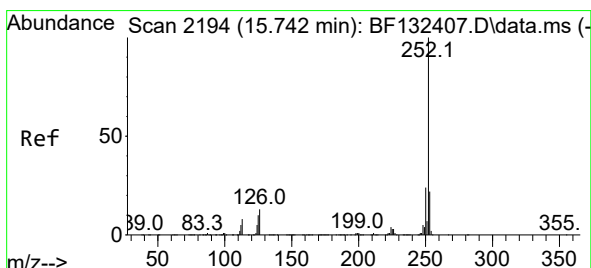
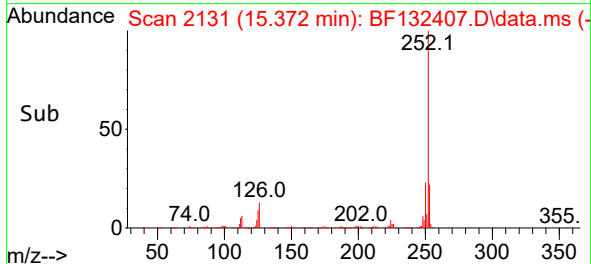
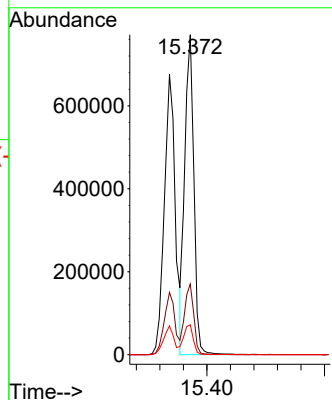
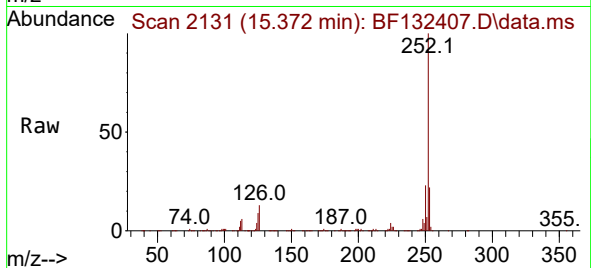
Tgt Ion:252 Resp: 828500

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 42.922 ng

RT: 15.742 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

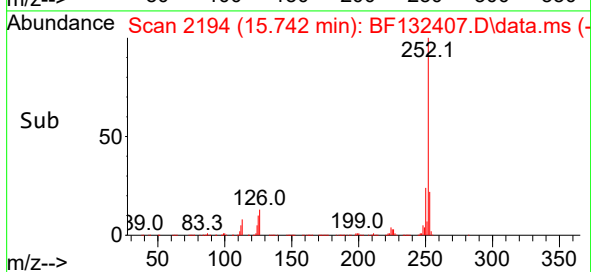
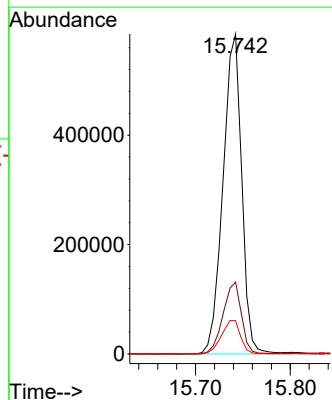
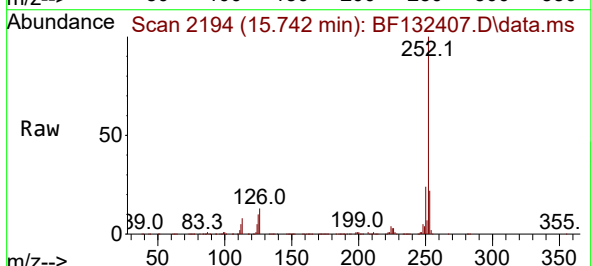
Tgt Ion:252 Resp: 803069

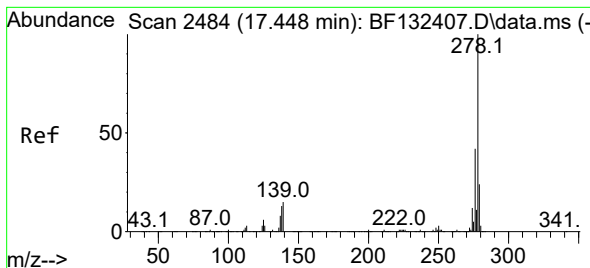
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.545 ng

RT: 17.448 min Scan# 2484

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

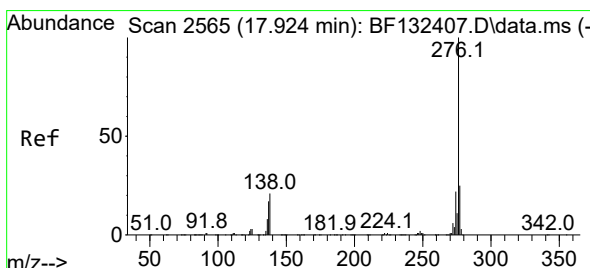
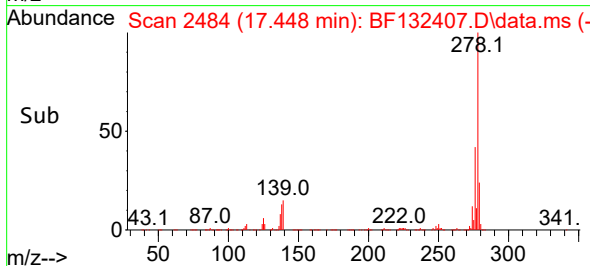
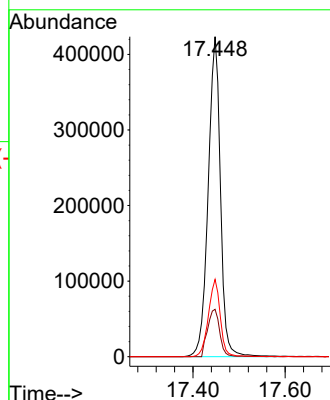
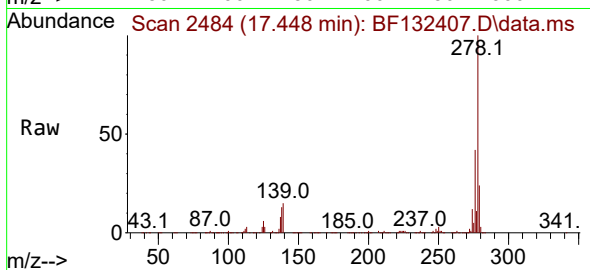
Tgt Ion:278 Resp: 785973

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.8

279 24.2 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 44.616 ng

RT: 17.924 min Scan# 2565

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Tgt Ion:276 Resp: 778342

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 20.8 16.6 25.0

