

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134208.D
 Acq On : 11 Jul 2023 11:48
 Operator : CG\JU
 Sample : PB154002BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:02:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	121642	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	458628	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	223269	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	437755	20.000	ng	0.00
76) Chrysene-d12	14.045	240	230490	20.000	ng	0.00
86) Perylene-d12	15.545	264	240456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	914213	125.719	ng	0.01
7) Phenol-d6	6.487	99	1056651	118.154	ng	0.00
23) Nitrobenzene-d5	7.410	82	745768	87.655	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	347985	124.309	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1261425	82.142	ng	0.00
79) Terphenyl-d14	12.974	244	1436800	100.326	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	100111	33.388	ng	98
3) Pyridine	3.481	79	262101	33.559	ng	96
4) n-Nitrosodimethylamine	3.434	42	178767	40.076	ng	96
6) Aniline	6.510	93	384704	35.351	ng	92
8) 2-Chlorophenol	6.634	128	323142	43.775	ng	96
9) Benzaldehyde	6.398	77	214049	45.035	ng	95
10) Phenol	6.504	94	385991	41.050	ng	85
11) bis(2-Chloroethyl)ether	6.587	93	290648	41.985	ng	97
12) 1,3-Dichlorobenzene	6.787	146	353423	44.908	ng	97
13) 1,4-Dichlorobenzene	6.863	146	339609	42.724	ng	99
14) 1,2-Dichlorobenzene	7.016	146	343587	46.153	ng	97
15) Benzyl Alcohol	6.992	79	284160	41.217	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	495827	40.486	ng	97
17) 2-Methylphenol	7.104	107	264457	40.007	ng	99
18) Hexachloroethane	7.351	117	130904	44.413	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	230489	40.641	ng	97
20) 3+4-Methylphenols	7.257	107	329699	41.113	ng	95
22) Acetophenone	7.257	105	450092	43.152	ng	97
24) Nitrobenzene	7.434	77	368319	42.840	ng	98
25) Isophorone	7.669	82	615561	39.809	ng	100
26) 2-Nitrophenol	7.745	139	176027	42.679	ng	99
27) 2,4-Dimethylphenol	7.781	122	278857	42.713	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	366412	40.924	ng	98
29) 2,4-Dichlorophenol	7.986	162	276334	42.685	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	291457	43.631	ng	99
31) Naphthalene	8.151	128	914688	41.289	ng	100
32) Benzoic acid	7.904	122	152712	31.216	ng	100
33) 4-Chloroaniline	8.198	127	178349	18.821	ng	97
34) Hexachlorobutadiene	8.263	225	186364	44.227	ng	98
35) Caprolactam	8.581	113	71757	33.663	ng	95
36) 4-Chloro-3-methylphenol	8.686	107	307163	42.235	ng	99
37) 2-Methylnaphthalene	8.839	142	596920	38.103	ng	99
38) 1-Methylnaphthalene	8.939	142	570031	39.141	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	291076	44.004	ng	99
41) Hexachlorocyclopentadiene	8.992	237	309903	98.754	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	180751	40.141	ng	98

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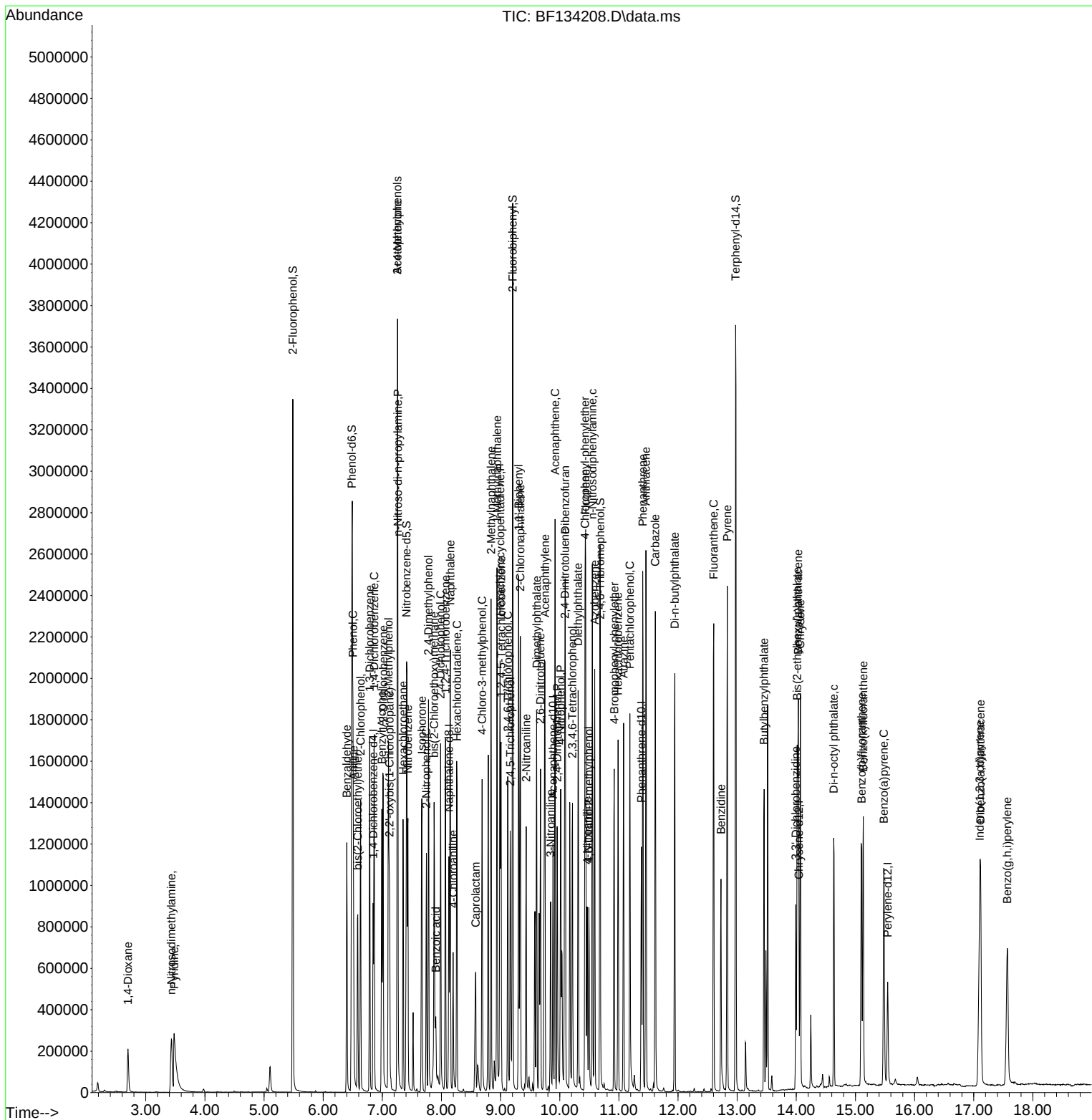
Instrument :
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Quant Time: Jul 12 01:02:13 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	204261	38.564	ng	99
46) 1,1'-Biphenyl	9.304	154	747075	41.713	ng	98
47) 2-Chloronaphthalene	9.333	162	574457	43.838	ng	99
48) 2-Nitroaniline	9.433	65	198979	41.665	ng	92
49) Acenaphthylene	9.751	152	929856	41.539	ng	99
50) Dimethylphthalate	9.610	163	687451	42.417	ng	100
51) 2,6-Dinitrotoluene	9.675	165	158008	45.265	ng	94
52) Acenaphthene	9.922	154	537149	41.354	ng	99
53) 3-Nitroaniline	9.845	138	132582	31.659	ng	99
54) 2,4-Dinitrophenol	9.957	184	161310	80.016	ng	93
55) Dibenzofuran	10.092	168	831209	40.947	ng	99
56) 4-Nitrophenol	10.016	139	235082	80.253	ng	99
57) 2,4-Dinitrotoluene	10.086	165	197909	42.930	ng	98
58) Fluorene	10.439	166	650570	41.194	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	178740	42.781	ng	96
60) Diethylphthalate	10.310	149	670962	39.736	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	300624	39.499	ng	98
62) 4-Nitroaniline	10.469	138	173572	41.127	ng	96
63) Azobenzene	10.592	77	657438	41.161	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	108368	45.407	ng	84
66) n-Nitrosodiphenylamine	10.551	169	601597	43.013	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	179809	38.645	ng	99
68) Hexachlorobenzene	10.986	284	208502	42.205	ng	98
69) Atrazine	11.080	200	193940	50.130	ng	96
70) Pentachlorophenol	11.186	266	214045	72.464	ng	96
71) Phenanthrene	11.404	178	941176	42.708	ng	99
72) Anthracene	11.457	178	1009704	44.051	ng	99
73) Carbazole	11.616	167	943543	44.973	ng	99
74) Di-n-butylphthalate	11.945	149	1018161	40.809	ng	100
75) Fluoranthene	12.604	202	986548	41.409	ng	98
77) Benzidine	12.727	184	408015	74.396	ng	99
78) Pyrene	12.833	202	985691	45.952	ng	99
80) Butylbenzylphthalate	13.457	149	345725	42.975	ng	96
81) Benzo(a)anthracene	14.033	228	690064	43.170	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	173509	34.261	ng	# 98
83) Chrysene	14.068	228	655086	42.312	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	393289	42.545	ng	99
85) Di-n-octyl phthalate	14.633	149	596387	43.907	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	696105	41.720	ng	98
88) Benzo(b)fluoranthene	15.104	252	607703	42.981	ng	99
89) Benzo(k)fluoranthene	15.133	252	582161	40.440	ng	99
90) Benzo(a)pyrene	15.480	252	566626	41.443	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	562325	41.261	ng	99
92) Benzo(g,h,i)perylene	17.568	276	628680	44.733	ng	100

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

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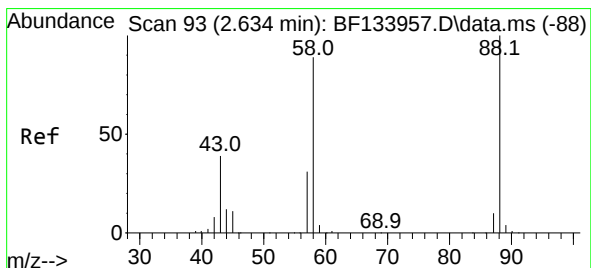
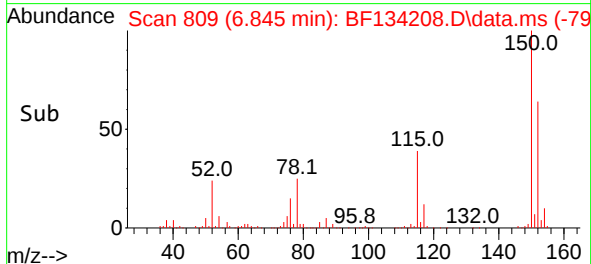
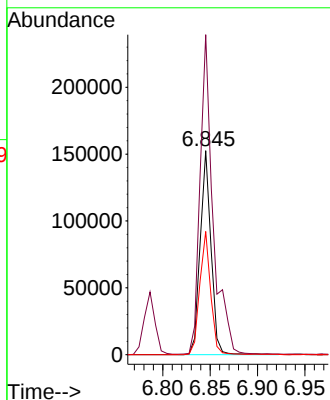
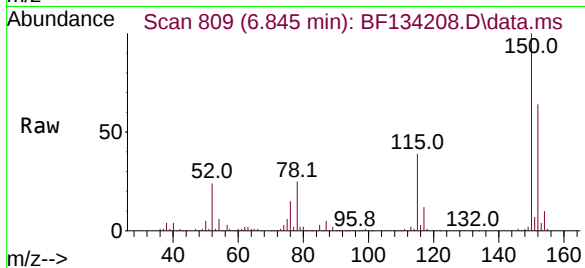




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

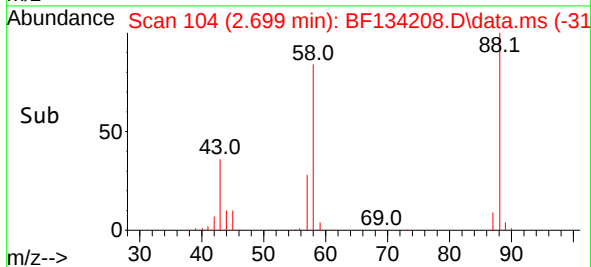
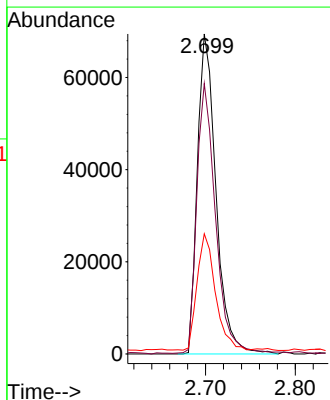
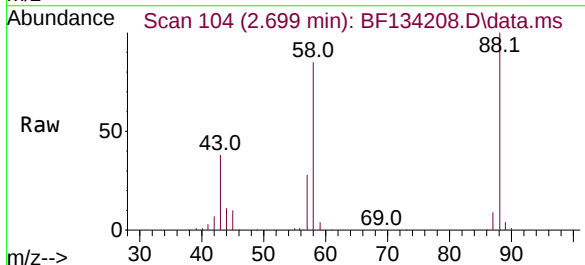
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 BNA_F
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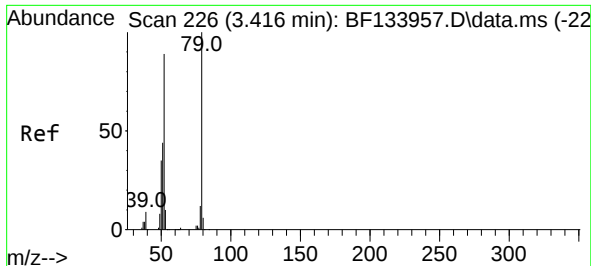
Tgt Ion:152 Resp: 121642
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.5 186.7
 115 60.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 33.388 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.082 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

Tgt Ion: 88 Resp: 100111
 Ion Ratio Lower Upper
 88 100
 58 84.8 68.8 103.2
 43 35.7 30.7 46.1

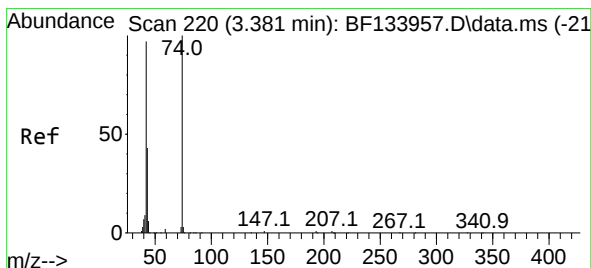
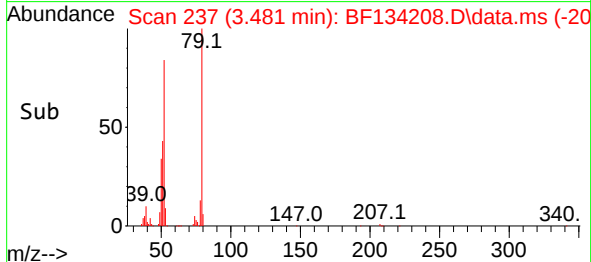
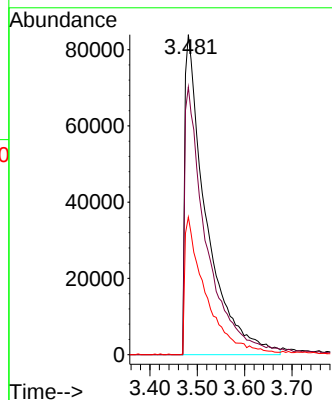
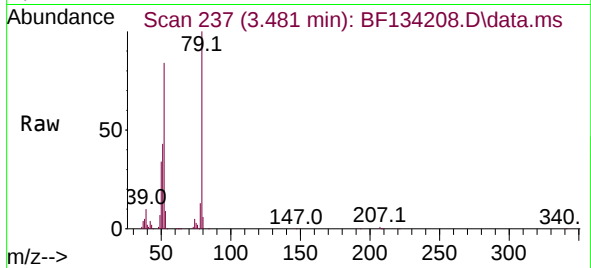




#3
Pyridine
Concen: 33.559 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

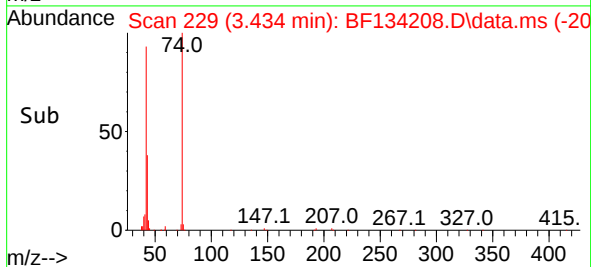
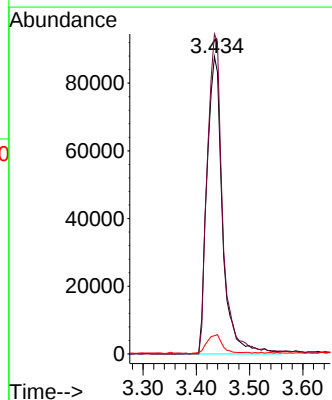
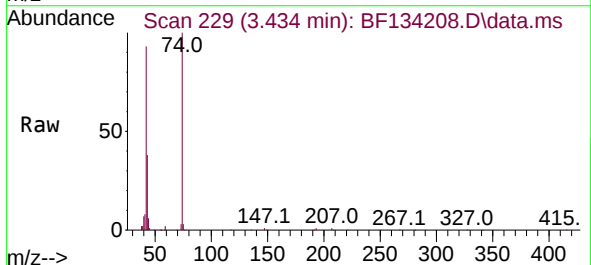
Instrument :
BNA_F
ClientSampleId :

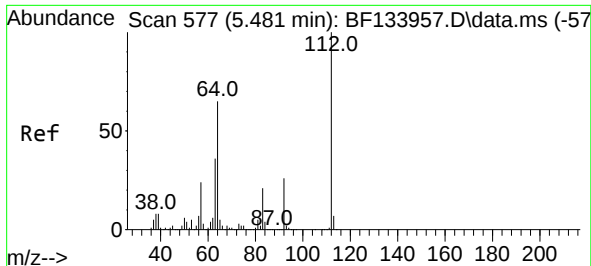
Tgt Ion: 79 Resp: 262101
Ion Ratio Lower Upper
79 100
52 83.7 71.1 106.7
51 43.0 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 40.076 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.071 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion: 42 Resp: 178767
Ion Ratio Lower Upper
42 100
74 107.6 82.4 123.6
44 6.2 4.9 7.3

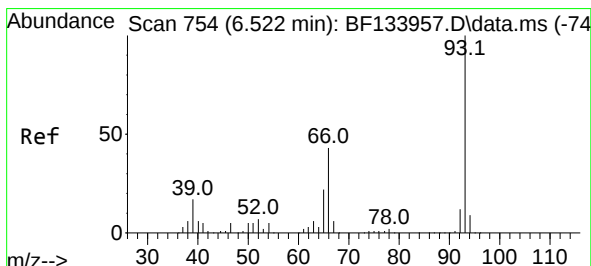
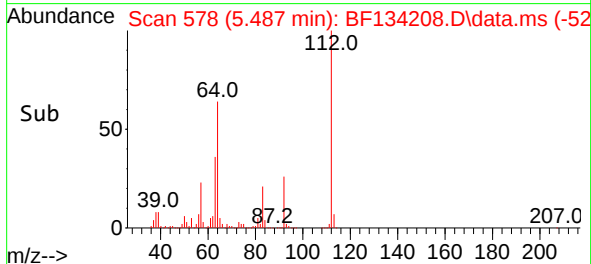
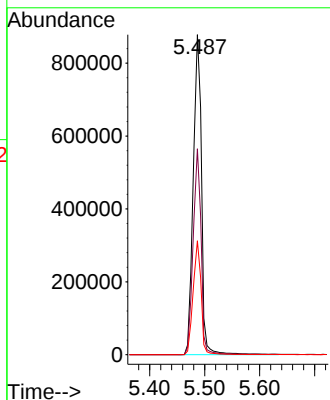
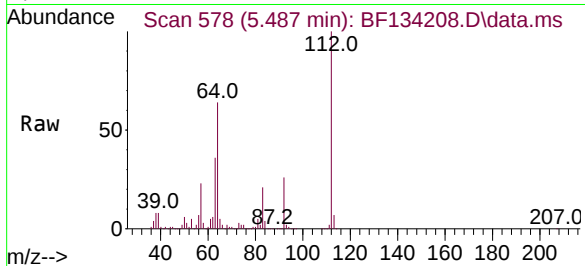




#5
2-Fluorophenol
Concen: 125.719 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

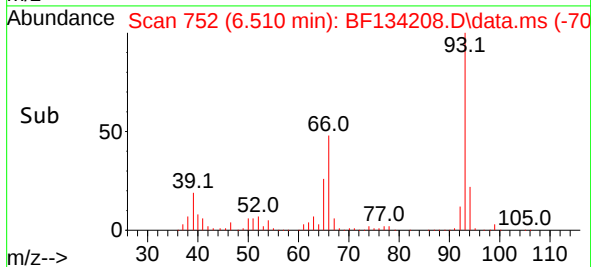
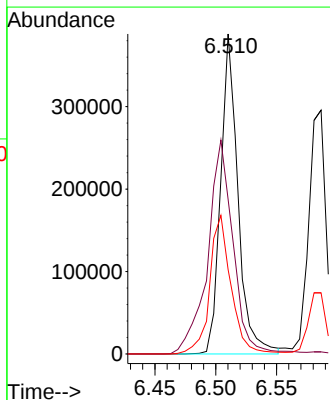
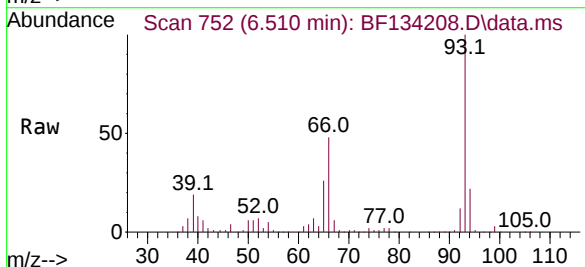
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 914213
Ion Ratio Lower Upper
112 100
64 64.4 52.1 78.1
63 35.6 28.6 42.8



#6
Aniline
Concen: 35.351 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

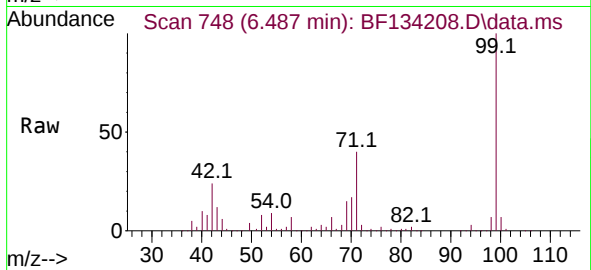
Tgt Ion: 93 Resp: 384704
Ion Ratio Lower Upper
93 100
66 48.3 34.5 51.7
65 26.4 17.8 26.6



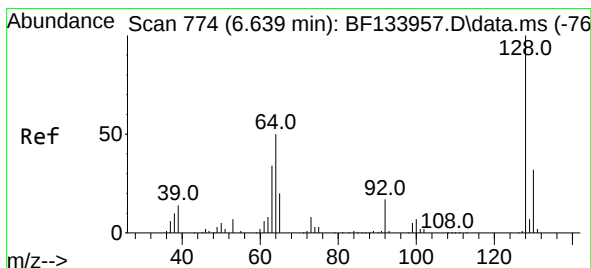
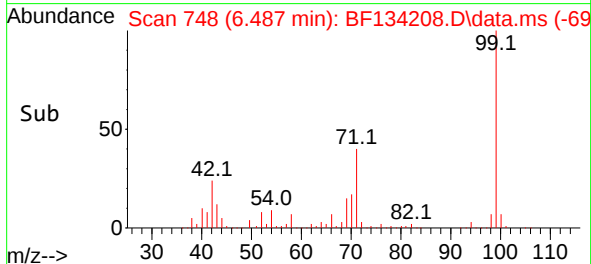
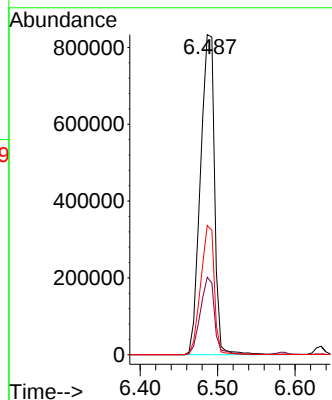


#7
Phenol-d6
Concen: 118.154 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Instrument :
BNA_F
ClientSampleId :

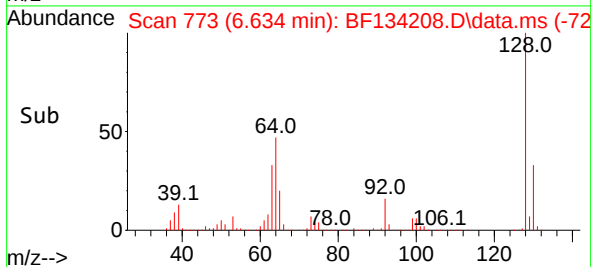
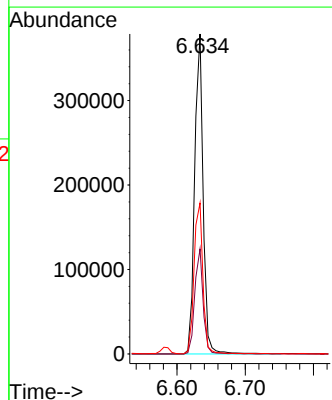
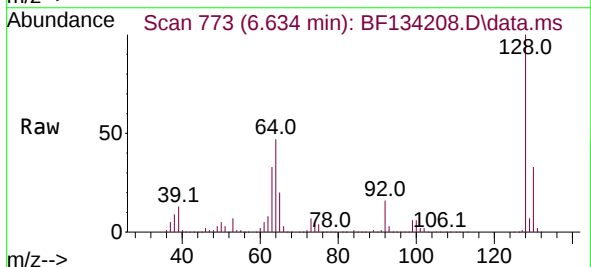


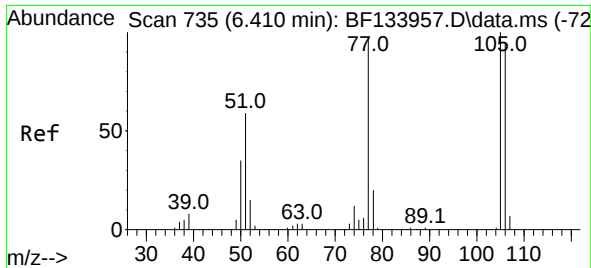
Tgt Ion: 99 Resp: 1056651
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 40.4 31.9 47.9



#8
2-Chlorophenol
Concen: 43.775 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:128 Resp: 323142
Ion Ratio Lower Upper
128 100
130 32.9 11.7 51.7
64 47.2 31.3 71.3

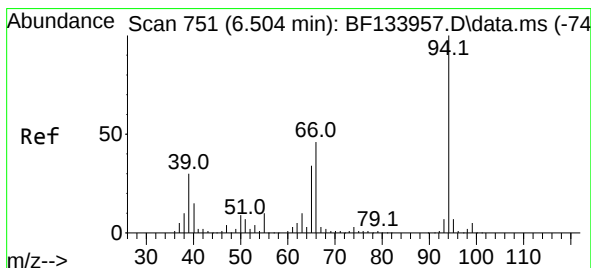
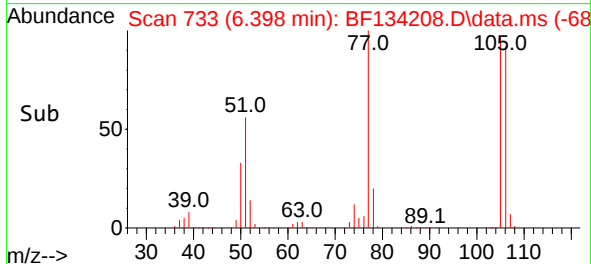
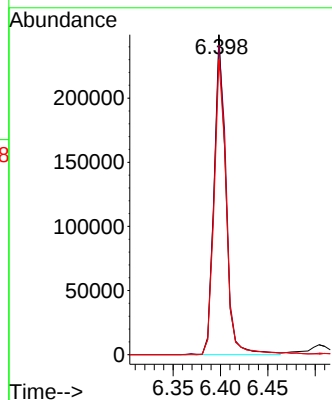
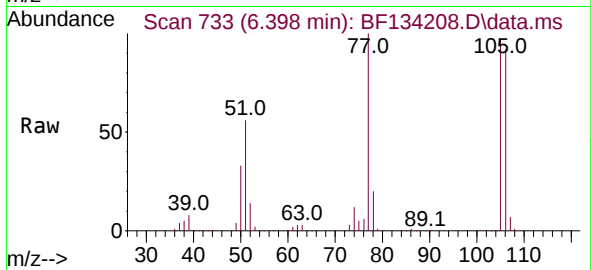




#9
Benzaldehyde
Concen: 45.035 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

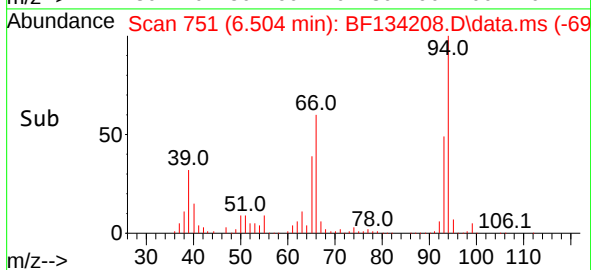
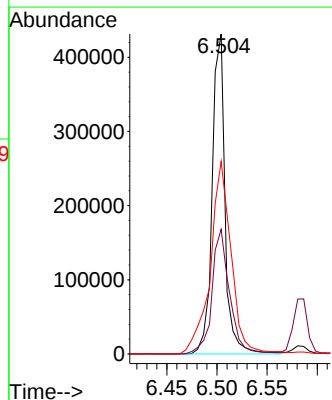
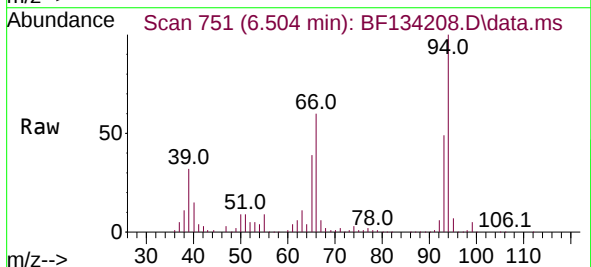
Instrument :
BNA_F
ClientSampleId :

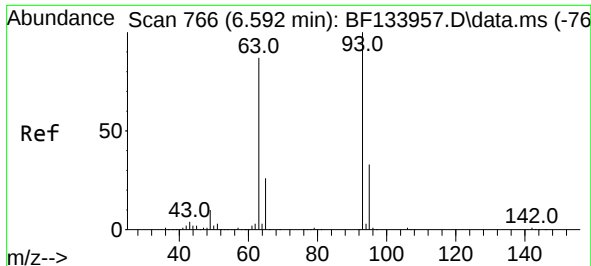
Tgt Ion: 77 Resp: 214049
Ion Ratio Lower Upper
77 100
105 96.8 82.0 122.0
106 92.2 76.9 116.9



#10
Phenol
Concen: 41.050 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion: 94 Resp: 385991
Ion Ratio Lower Upper
94 100
65 38.9 14.2 54.2
66 60.2 26.4 66.4

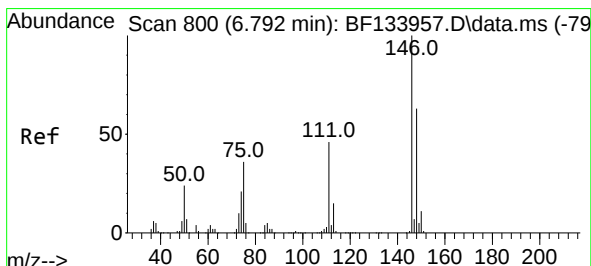
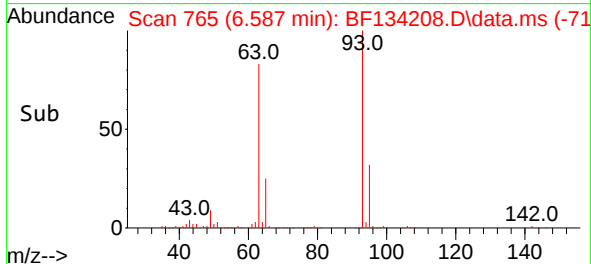
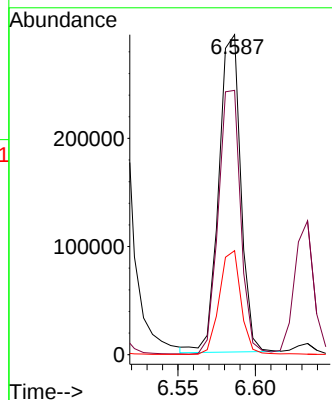
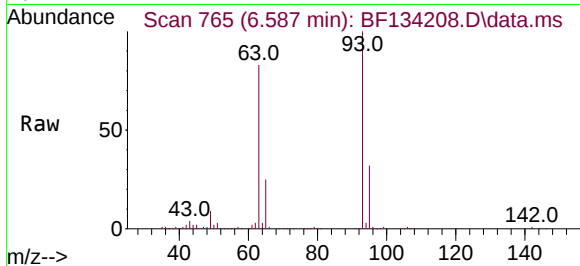




#11
bis(2-Chloroethyl)ether
Concen: 41.985 ng
RT: 6.587 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

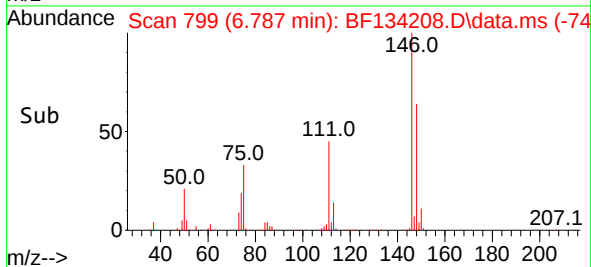
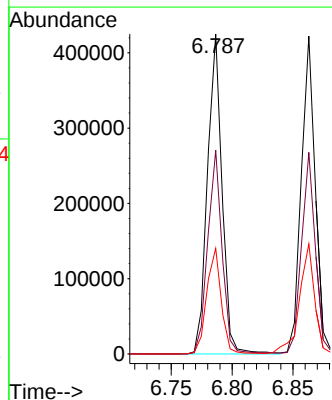
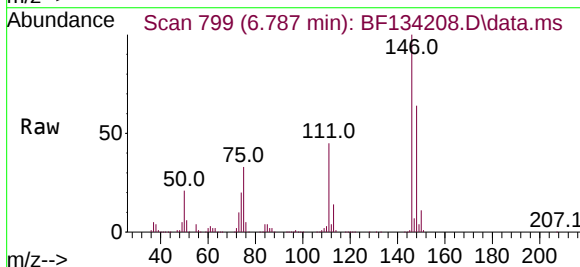
Instrument :
BNA_F
ClientSampleId :

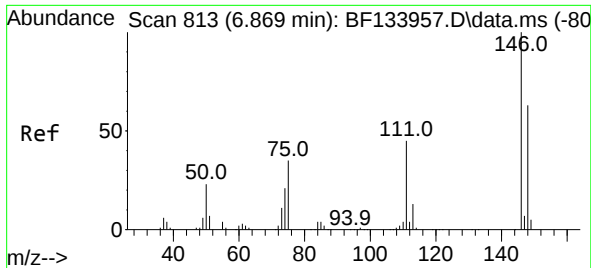
Tgt Ion: 93 Resp: 290648
Ion Ratio Lower Upper
93 100
63 82.6 66.5 106.5
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.908 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

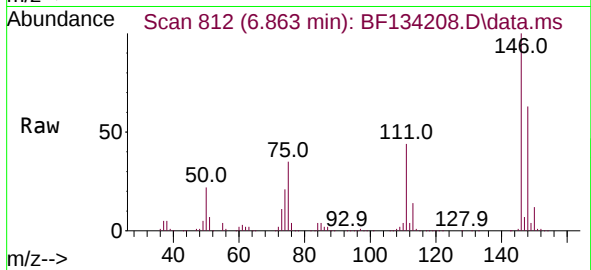
Tgt Ion: 146 Resp: 353423
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 33.0 29.0 43.6



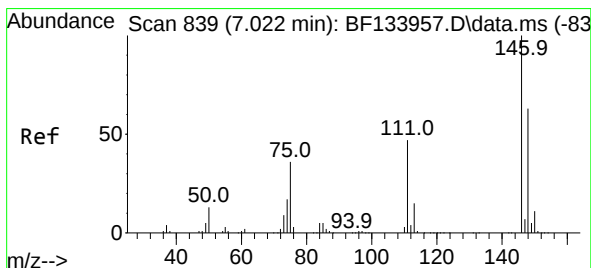
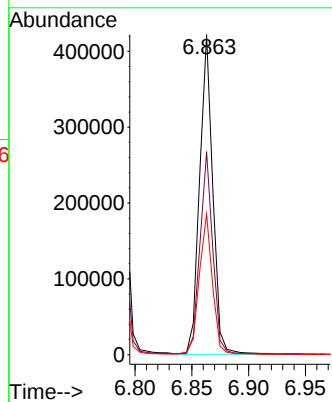
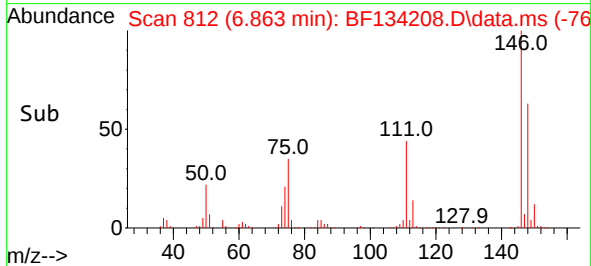


#13
1,4-Dichlorobenzene
Concen: 42.724 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

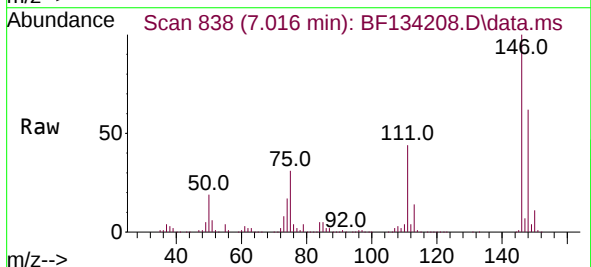
Instrument :
BNA_F
ClientSampleId :



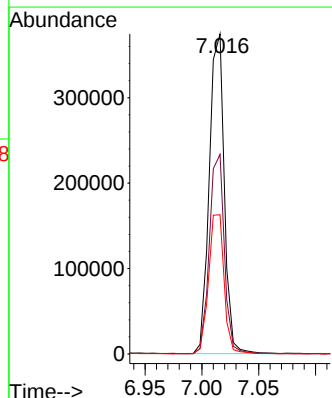
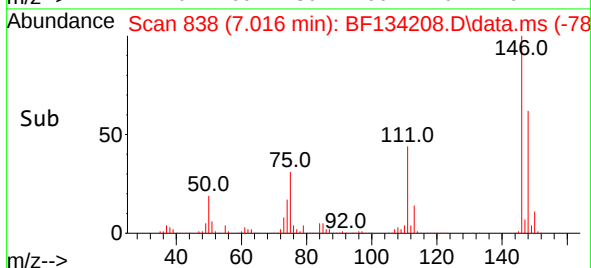
Tgt Ion:146 Resp: 339609
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.2
111 44.0 35.8 53.6

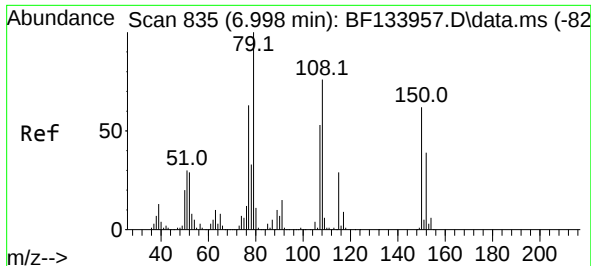


#14
1,2-Dichlorobenzene
Concen: 46.153 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48



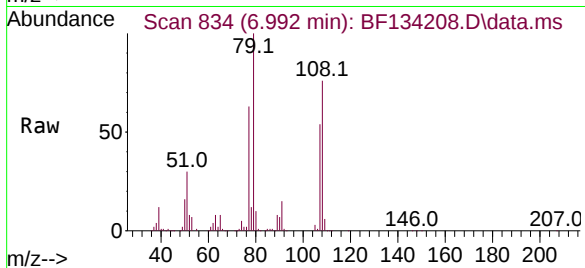
Tgt Ion:146 Resp: 343587
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
111 43.5 38.0 57.0



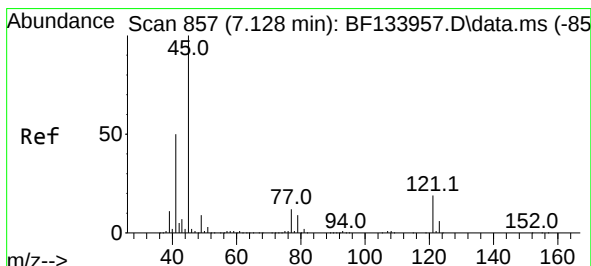
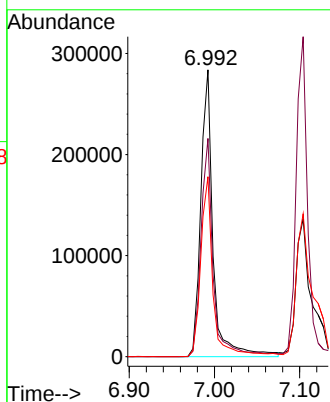
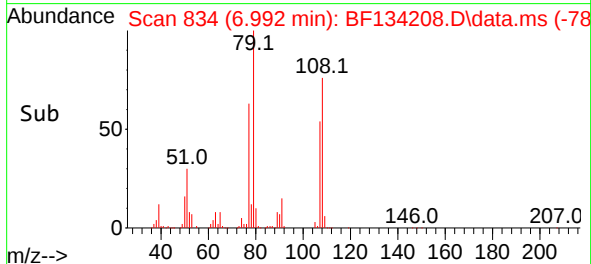


#15
Benzyl Alcohol
Concen: 41.217 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

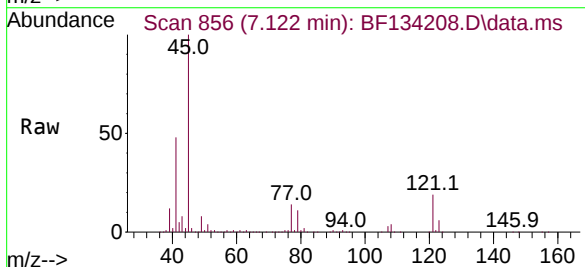
Instrument :
BNA_F
ClientSampleId :



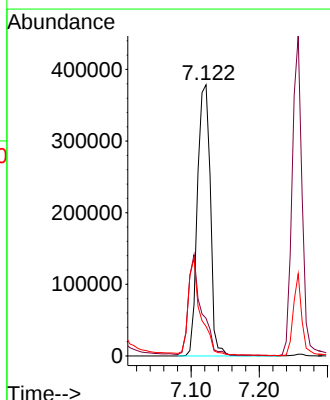
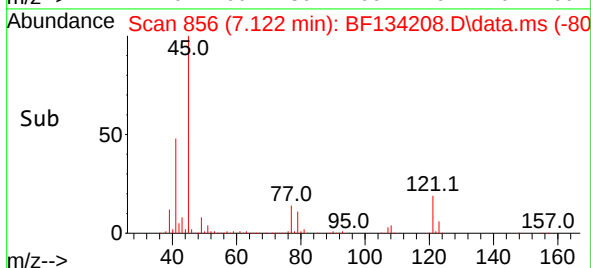
Tgt Ion: 79 Resp: 284160
Ion Ratio Lower Upper
79 100
108 76.1 60.7 91.1
77 62.8 50.6 75.8

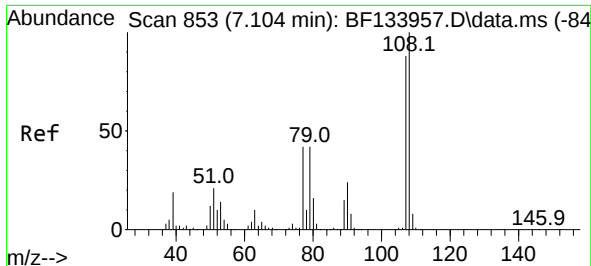


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.486 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48



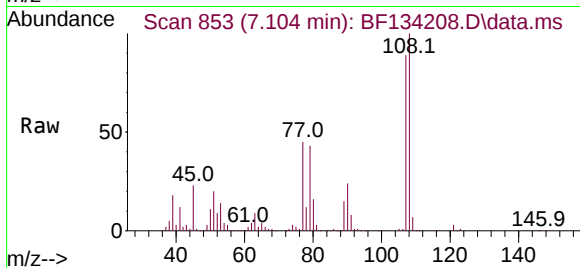
Tgt Ion: 45 Resp: 495827
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 10.9 0.0 29.5



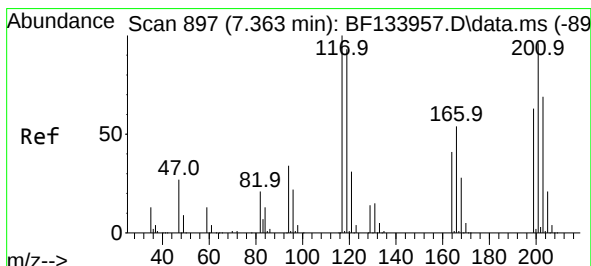
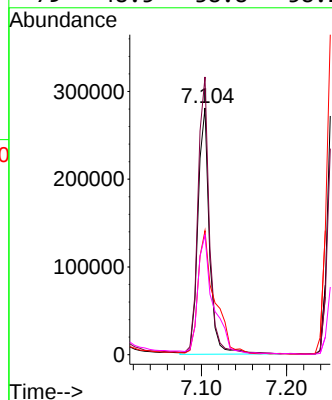
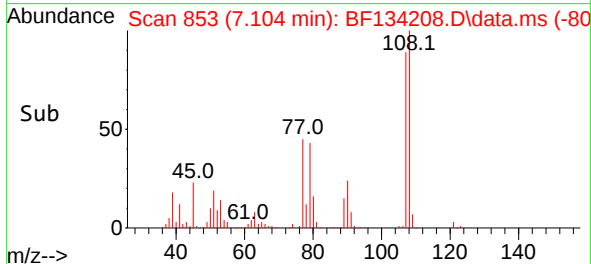


#17
2-Methylphenol
Concen: 40.007 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

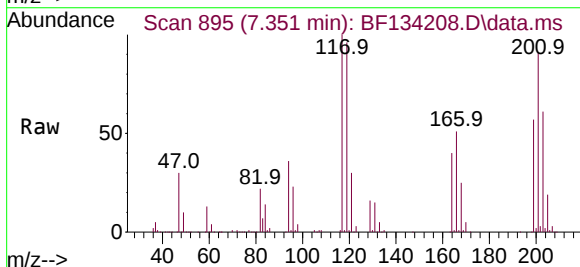
Instrument :
BNA_F
ClientSampleId :



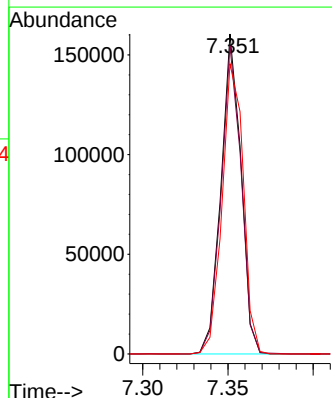
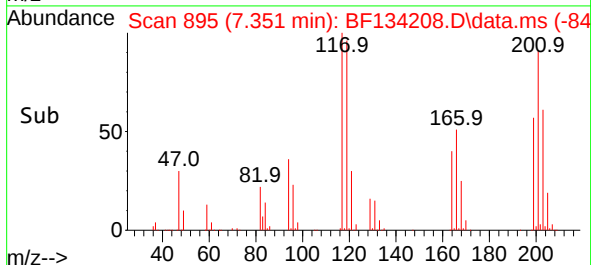
Tgt Ion:	107	Resp:	264457
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.6	136.0
77	50.3	38.3	57.5
79	48.5	38.8	58.2



#18
Hexachloroethane
Concen: 44.413 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48



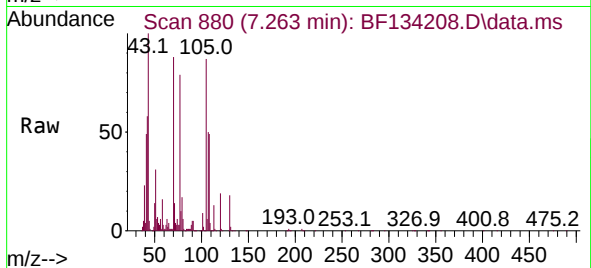
Tgt Ion:	117	Resp:	130904
Ion	Ratio	Lower	Upper
117	100		
119	96.4	74.2	111.4
201	90.7	77.2	115.8



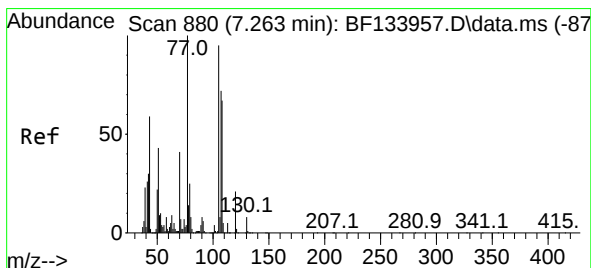
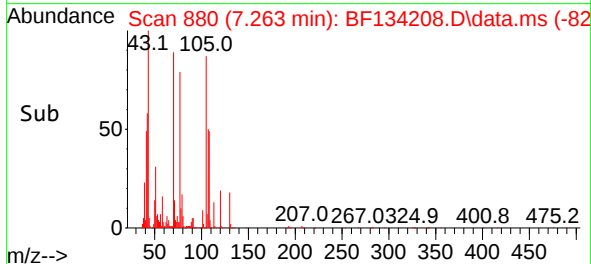
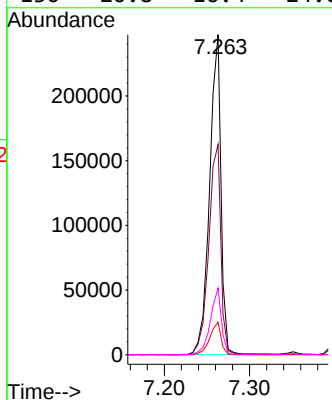


#19
n-Nitroso-di-n-propylamine
Concen: 40.641 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Instrument :
BNA_F
ClientSampleId :

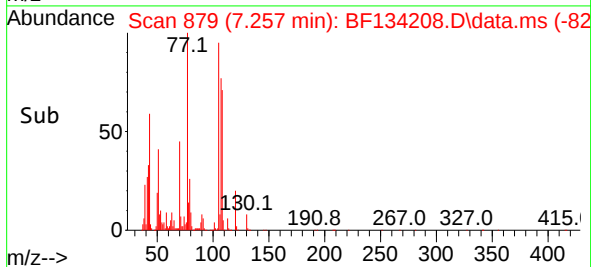
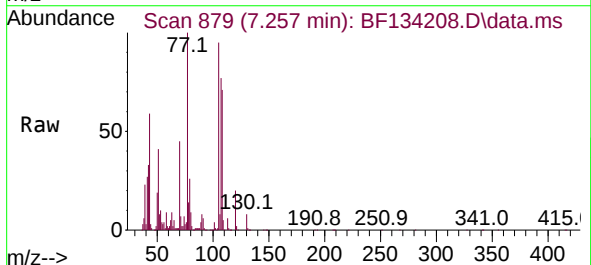
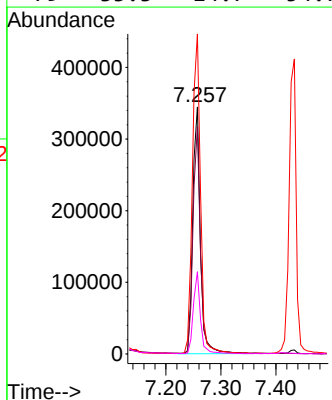


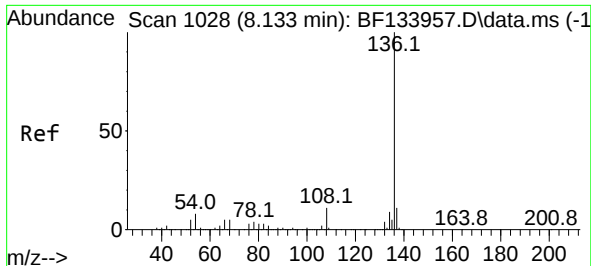
Tgt Ion: 70 Resp: 230489
Ion Ratio Lower Upper
70 100
42 65.7 54.7 82.1
101 10.2 7.7 11.5
130 20.8 16.4 24.6



#20
3+4-Methylphenols
Concen: 41.113 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

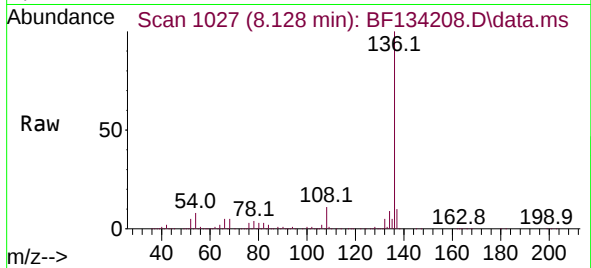
Tgt Ion: 107 Resp: 329699
Ion Ratio Lower Upper
107 100
108 91.9 73.2 113.2
77 129.5 118.3 158.3
79 33.3 14.7 54.7



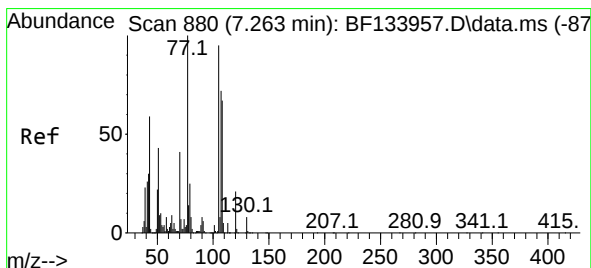
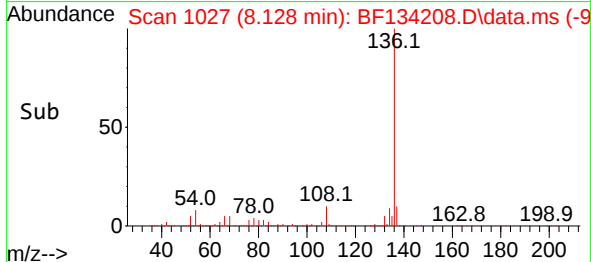
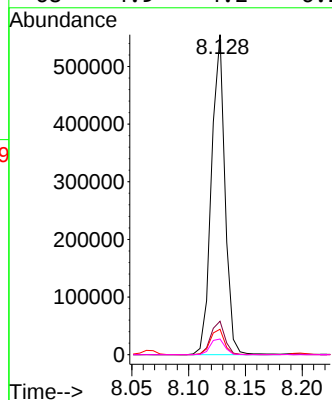


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Instrument :
BNA_F
ClientSampleId :

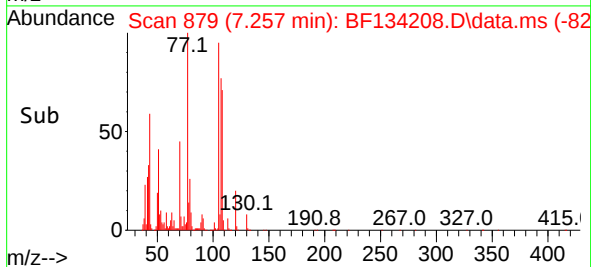
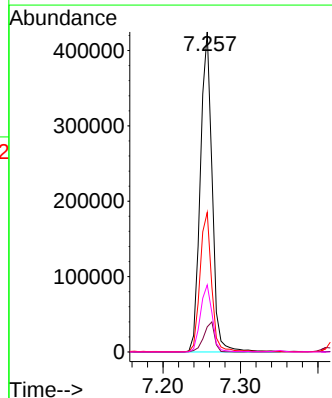
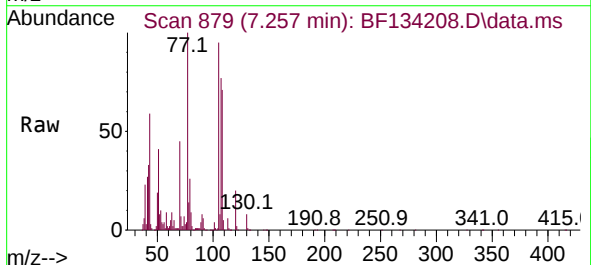


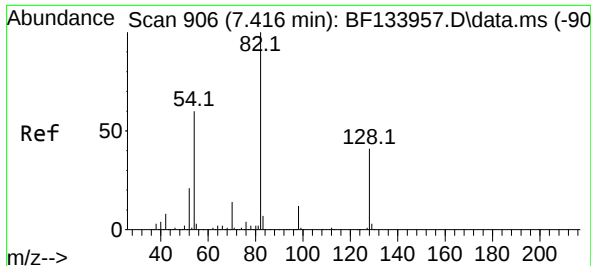
Tgt Ion:136 Resp: 458628
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.9 6.5 9.7
68 4.9 4.2 6.2



#22
Acetophenone
Concen: 43.152 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:105 Resp: 450092
Ion Ratio Lower Upper
105 100
71 7.9 5.5 8.3
51 43.6 36.5 54.7
120 21.0 17.3 25.9

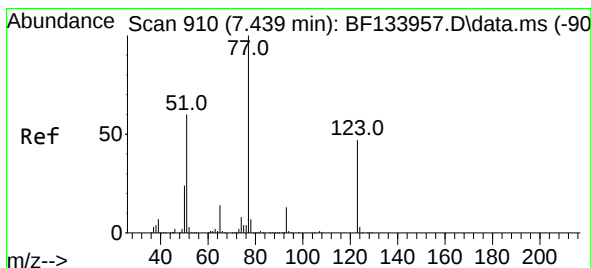
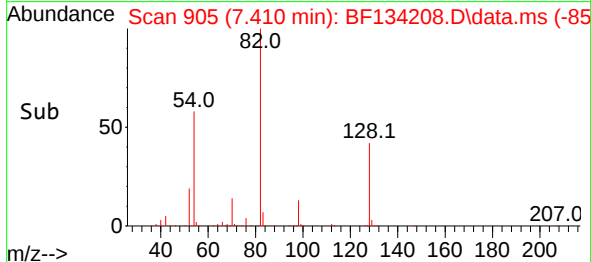
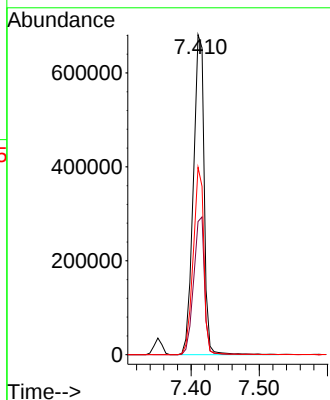
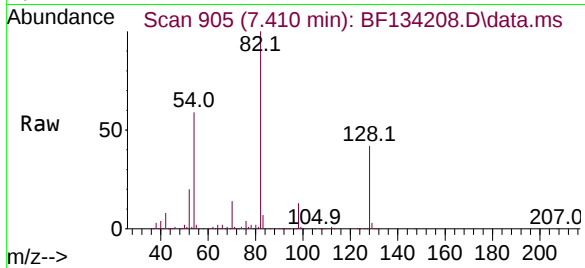




#23
Nitrobenzene-d5
Concen: 87.655 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

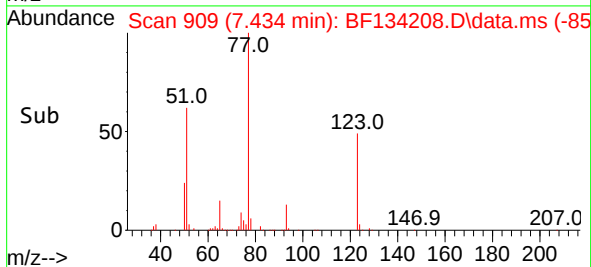
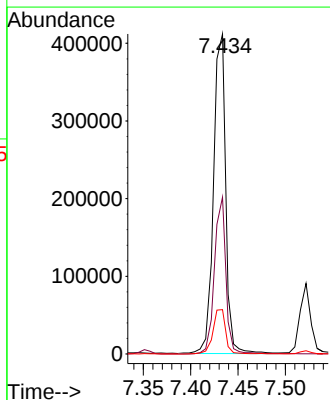
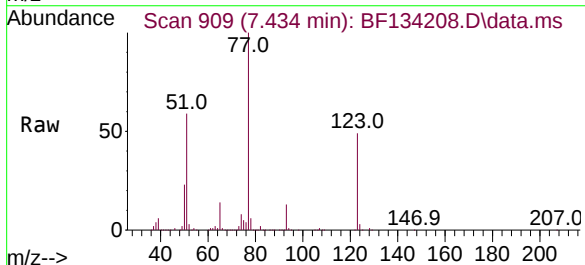
Instrument :
BNA_F
ClientSampleId :

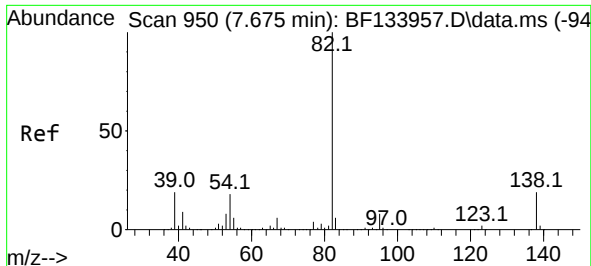
Tgt Ion: 82 Resp: 745768
Ion Ratio Lower Upper
82 100
128 41.6 32.5 48.7
54 58.5 48.2 72.2



#24
Nitrobenzene
Concen: 42.840 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion: 77 Resp: 368319
Ion Ratio Lower Upper
77 100
123 49.0 37.8 56.6
65 13.8 11.3 16.9

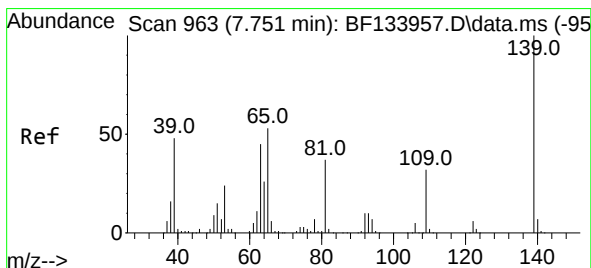
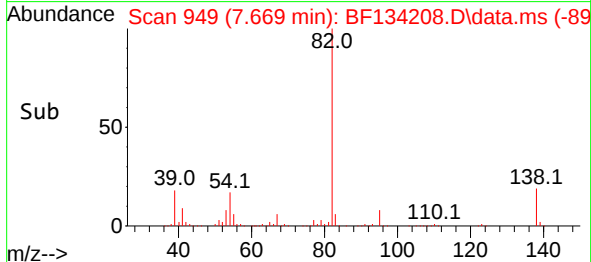
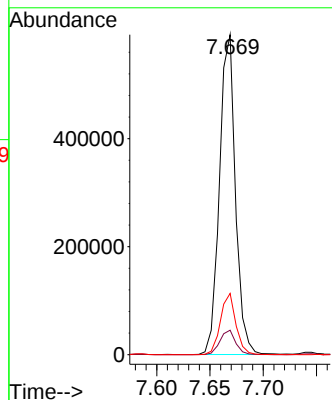
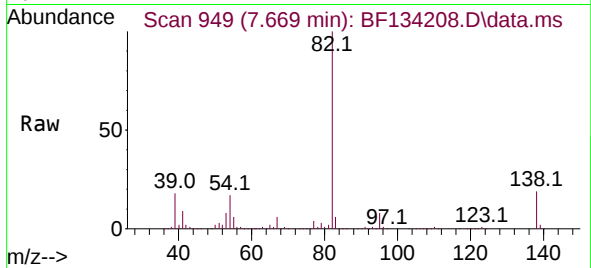




#25
Isophorone
Concen: 39.809 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

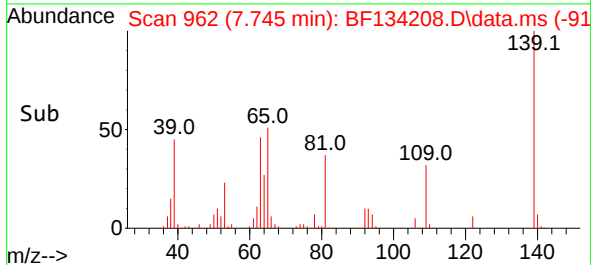
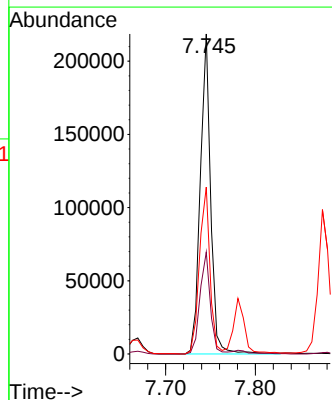
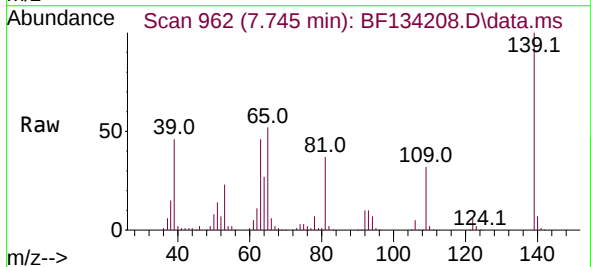
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 615561
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 19.1 15.2 22.8



#26
2-Nitrophenol
Concen: 42.679 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:139 Resp: 176027
Ion Ratio Lower Upper
139 100
109 31.9 25.8 38.8
65 52.1 42.4 63.6

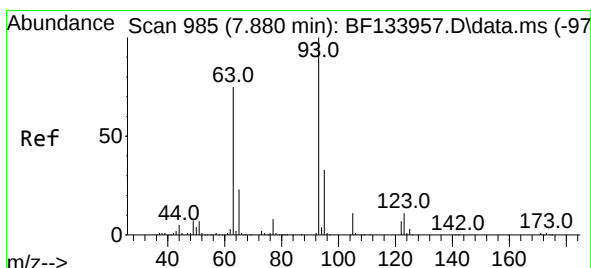
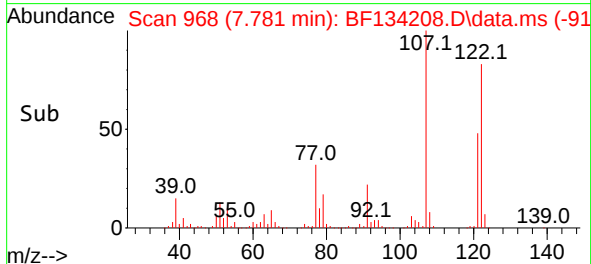
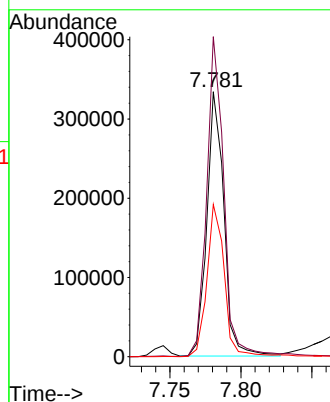
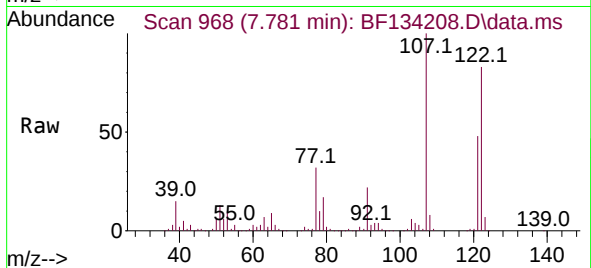




#27
2,4-Dimethylphenol
Concen: 42.713 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

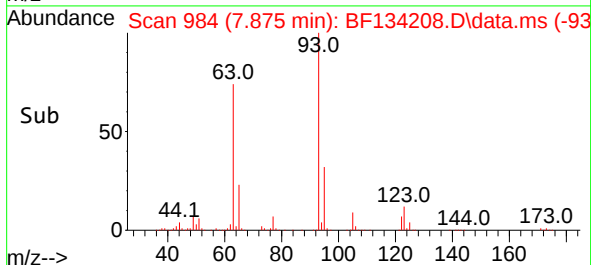
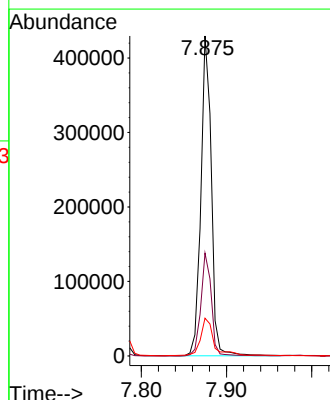
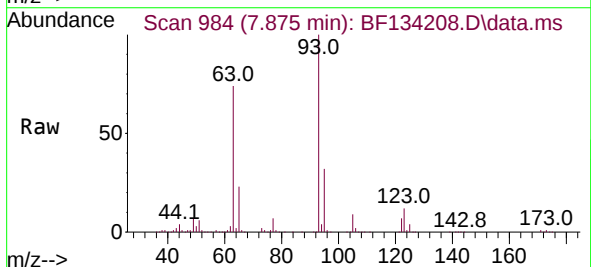
Instrument :
BNA_F
ClientSampleId :

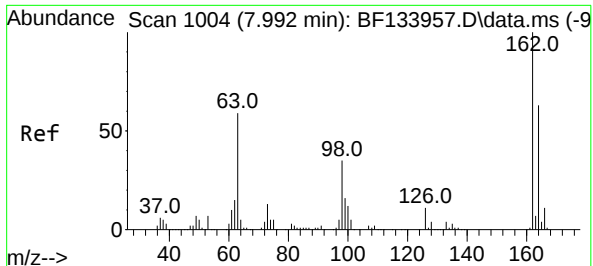
Tgt Ion:122 Resp: 278857
Ion Ratio Lower Upper
122 100
107 120.7 95.5 143.3
121 57.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.924 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion: 93 Resp: 366412
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.685 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

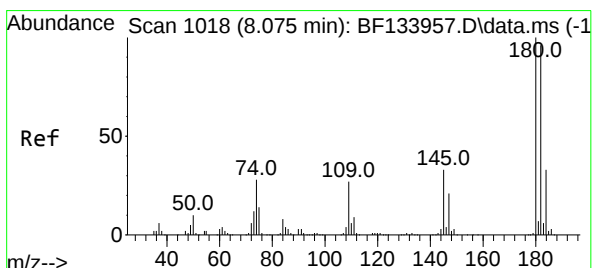
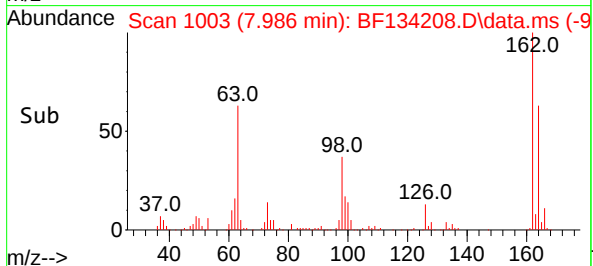
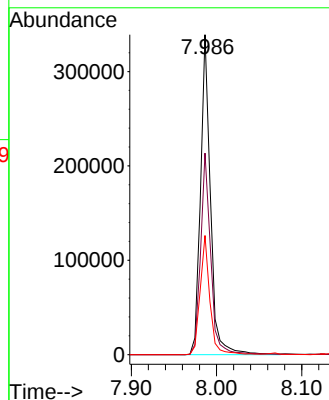
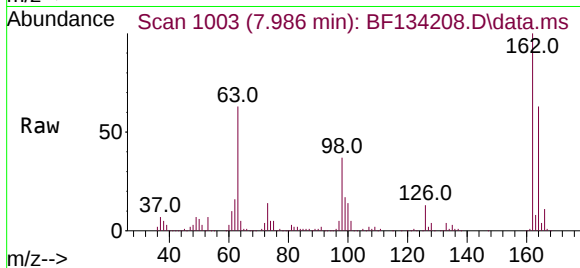
Tgt Ion:162 Resp: 276334

Ion Ratio Lower Upper

162 100

164 63.0 43.2 83.2

98 37.2 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 43.631 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

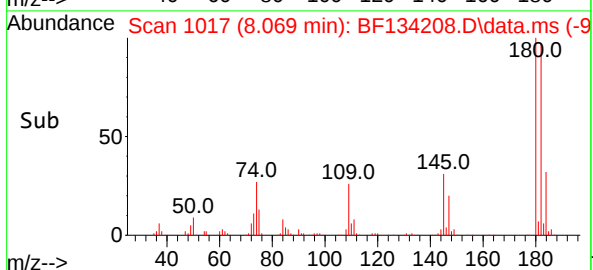
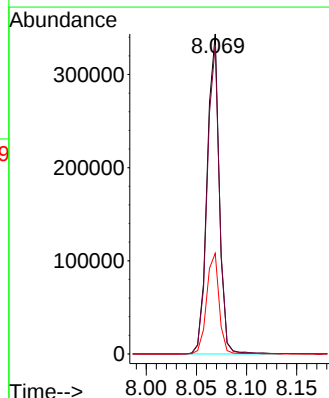
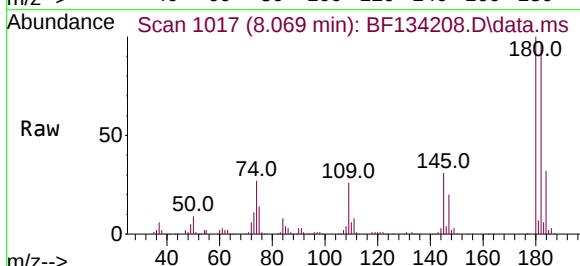
Tgt Ion:180 Resp: 291457

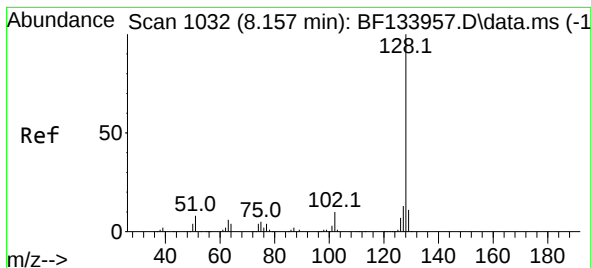
Ion Ratio Lower Upper

180 100

182 96.6 77.1 115.7

145 31.5 26.0 39.0





#31

Naphthalene

Concen: 41.289 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

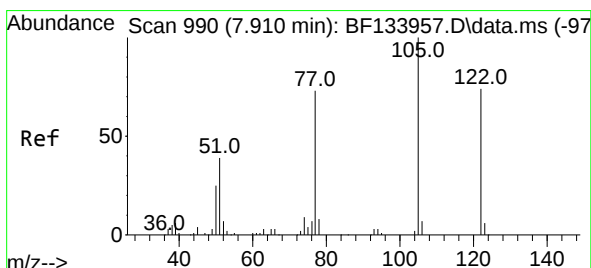
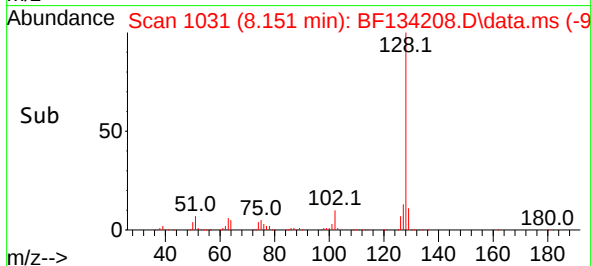
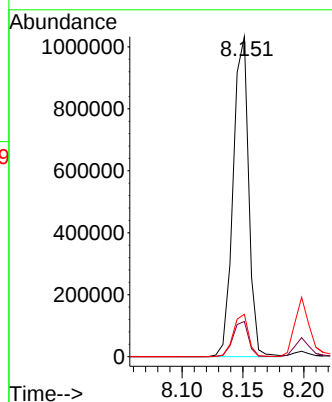
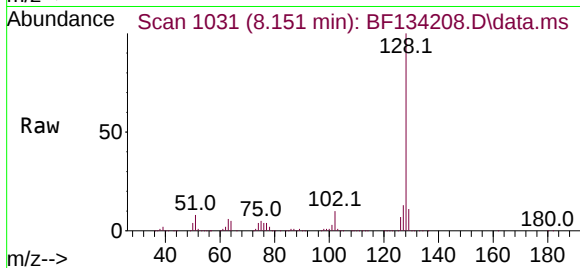
Tgt Ion:128 Resp: 914688

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.3 10.6 15.8



#32

Benzoic acid

Concen: 31.216 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.012 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

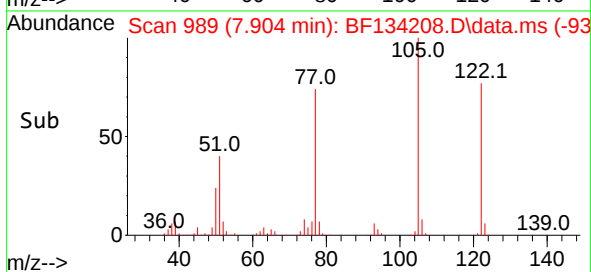
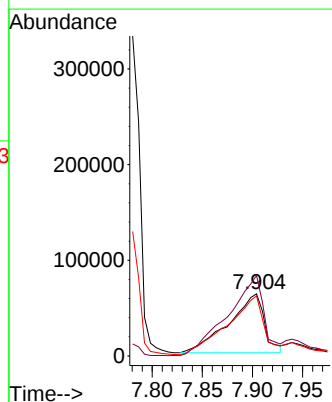
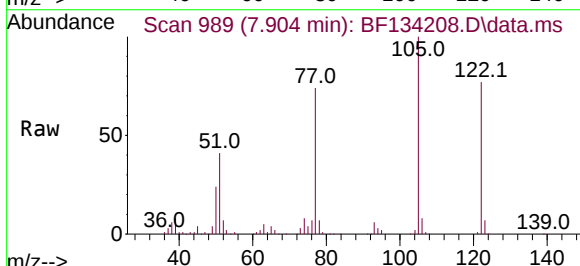
Tgt Ion:122 Resp: 152712

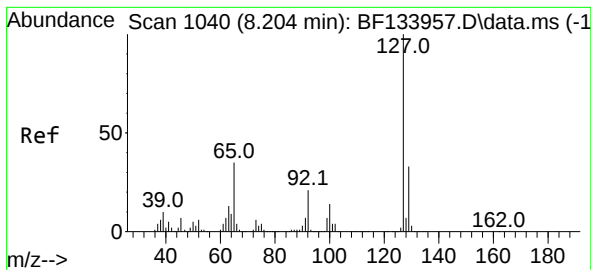
Ion Ratio Lower Upper

122 100

105 129.6 109.7 149.7

77 96.5 76.0 116.0





#33

4-Chloroaniline

Concen: 18.821 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 178349

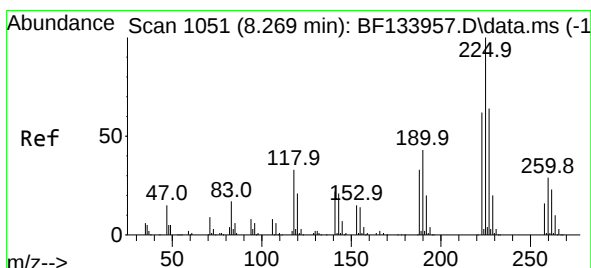
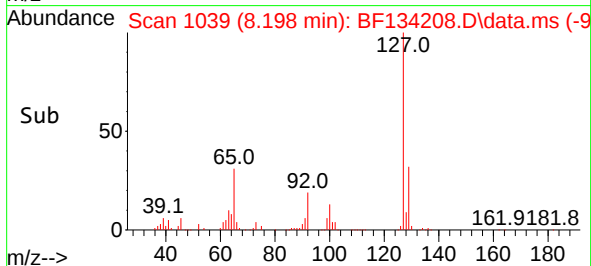
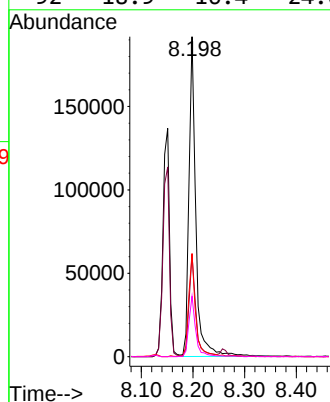
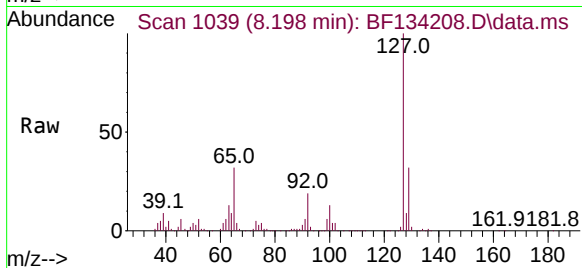
Ion Ratio Lower Upper

127 100

129 31.9 26.4 39.6

65 32.2 27.8 41.8

92 18.9 16.4 24.6



#34

Hexachlorobutadiene

Concen: 44.227 ng

RT: 8.263 min Scan# 1050

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

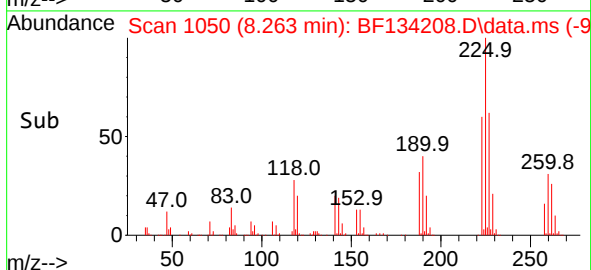
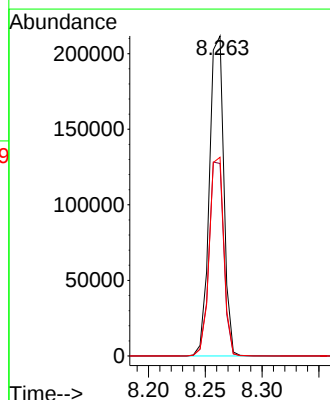
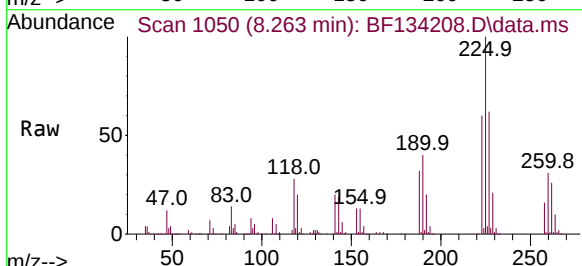
Tgt Ion:225 Resp: 186364

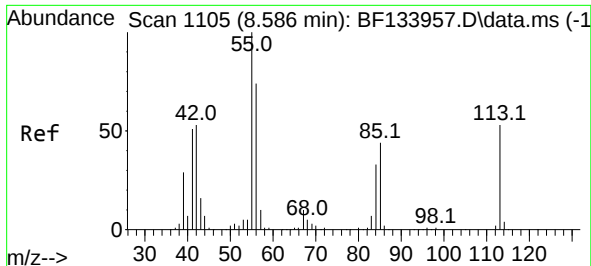
Ion Ratio Lower Upper

225 100

223 60.2 49.8 74.8

227 62.1 51.0 76.4

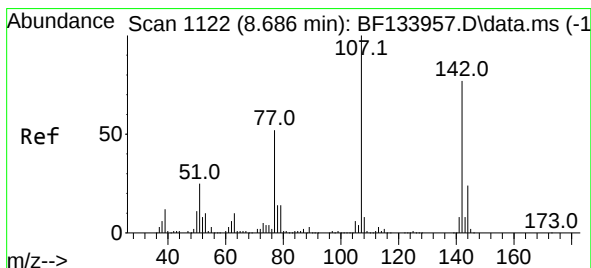
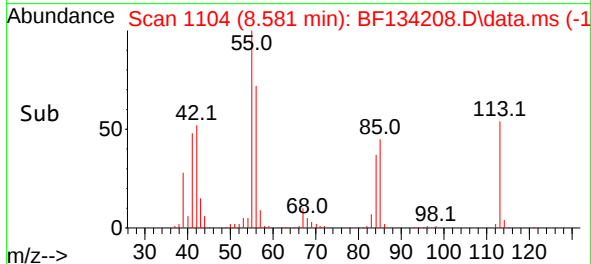
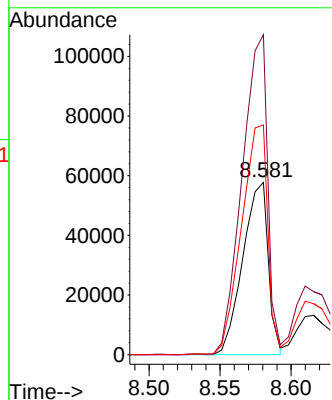
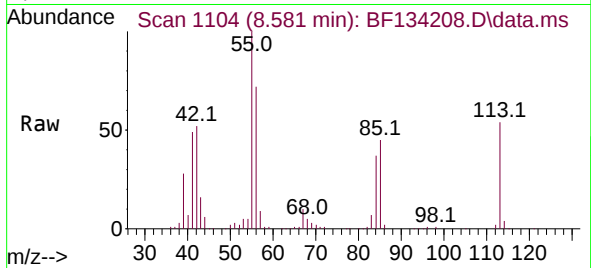




#35
 Caprolactam
 Concen: 33.663 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

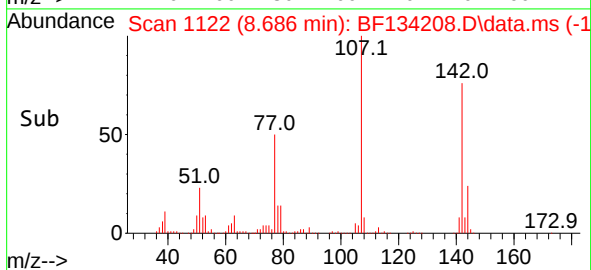
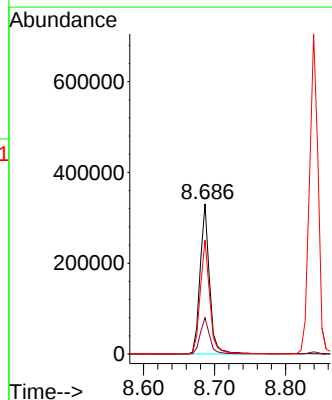
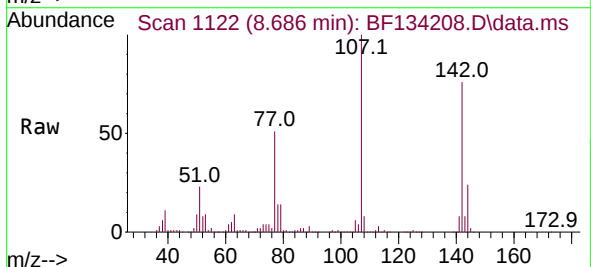
Instrument :
 BNA_F
 ClientSampleId :

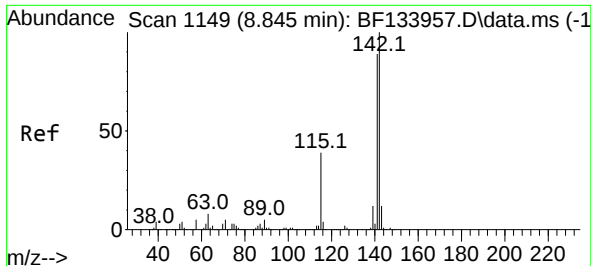
Tgt Ion:113 Resp: 71757
 Ion Ratio Lower Upper
 113 100
 55 185.6 170.2 210.2
 56 133.3 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.235 ng
 RT: 8.686 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

Tgt Ion:107 Resp: 307163
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.6 29.4
 142 75.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 38.103 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

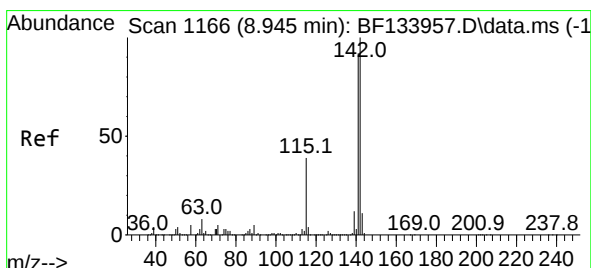
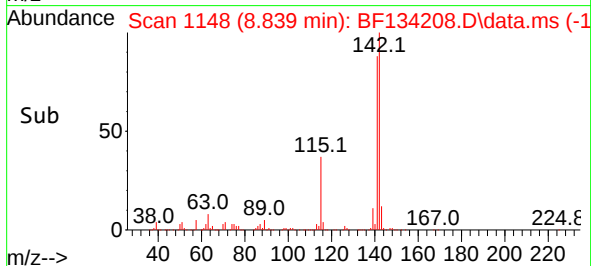
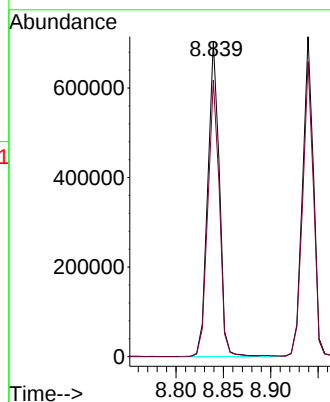
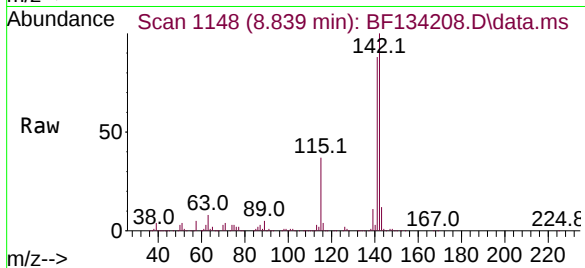
ClientSampleId :

Tgt Ion:142 Resp: 596920

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.141 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF134208.D

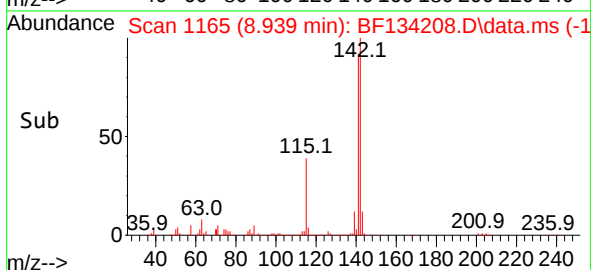
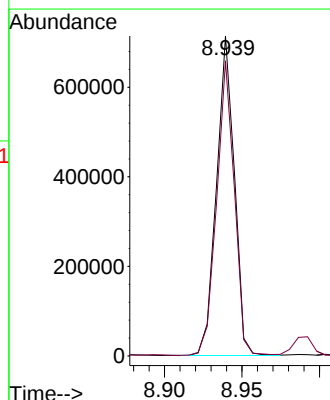
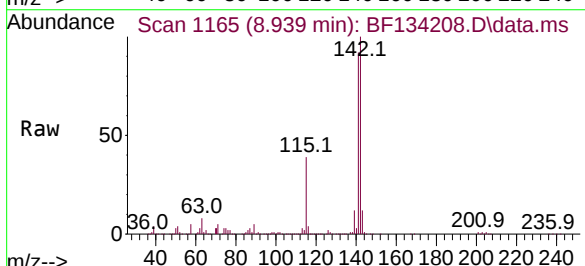
Acq: 11 Jul 2023 11:48

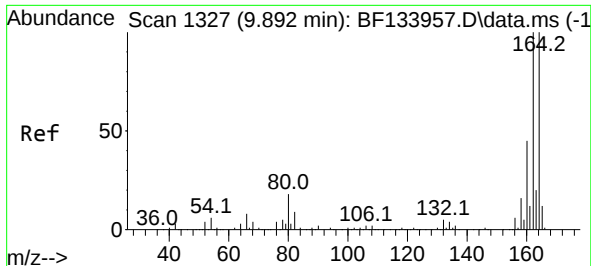
Tgt Ion:142 Resp: 570031

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

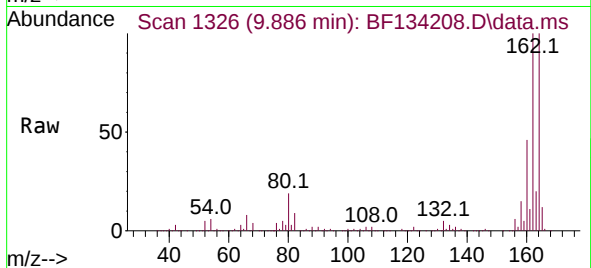
Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :



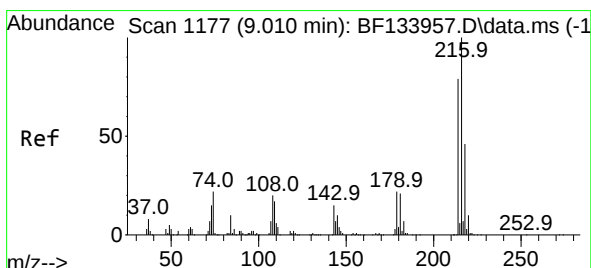
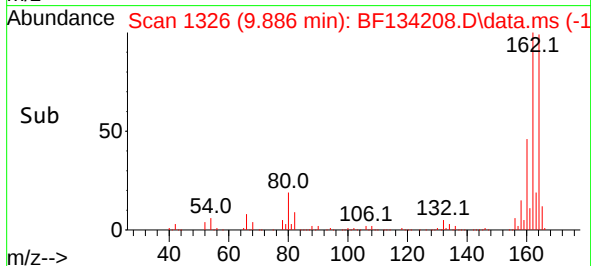
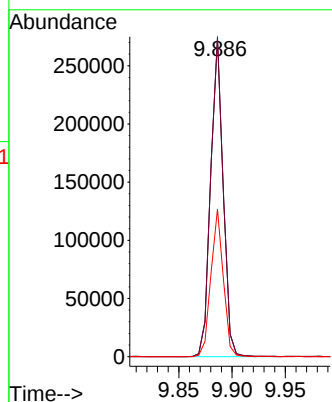
Tgt Ion:164 Resp: 223269

Ion Ratio Lower Upper

164 100

162 100.4 80.0 120.0

160 46.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.004 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Tgt Ion:216 Resp: 291076

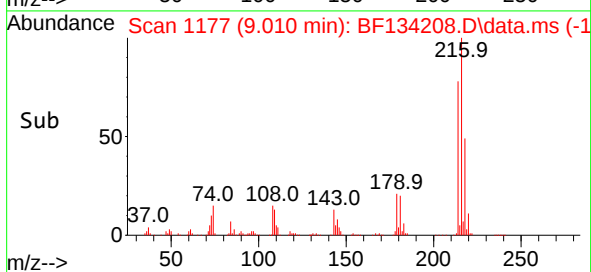
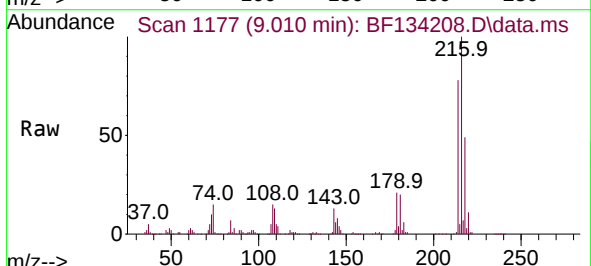
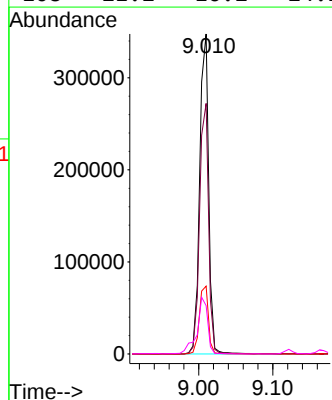
Ion Ratio Lower Upper

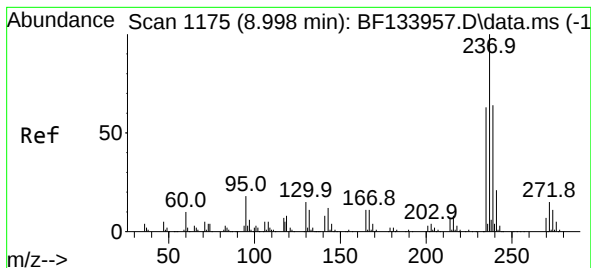
216 100

214 78.8 64.1 96.1

179 21.4 17.3 25.9

108 21.2 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 98.754 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.006 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

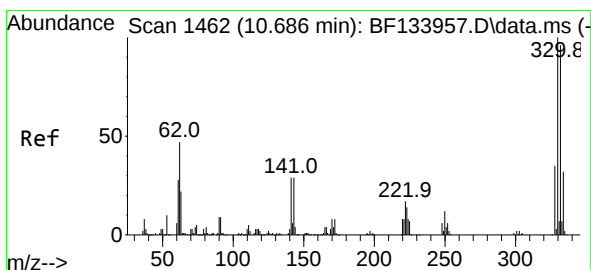
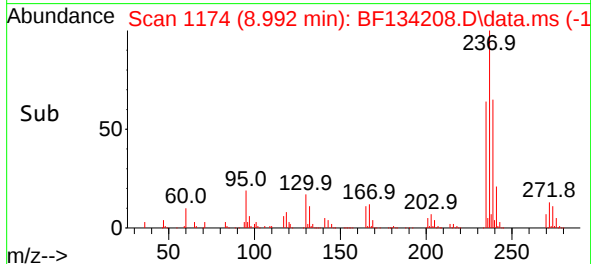
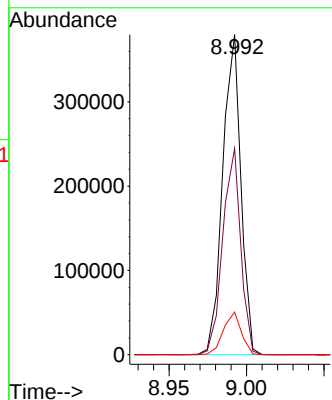
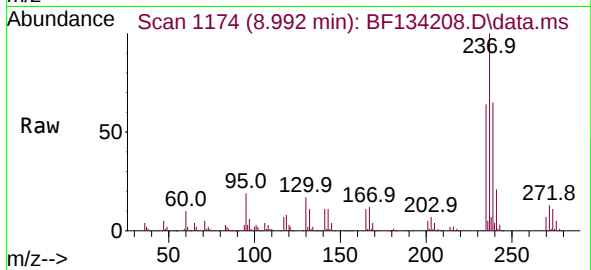
Tgt Ion:237 Resp: 309903

Ion Ratio Lower Upper

237 100

235 64.4 42.8 82.8

272 13.3 0.0 34.6



#42

2,4,6-Tribromophenol

Concen: 124.309 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

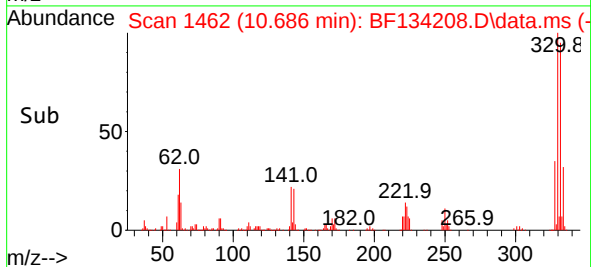
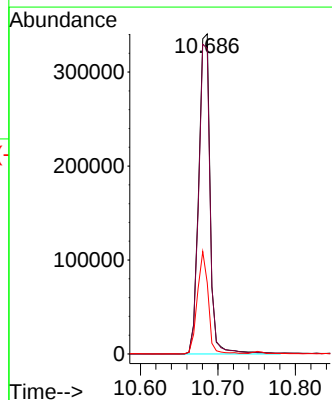
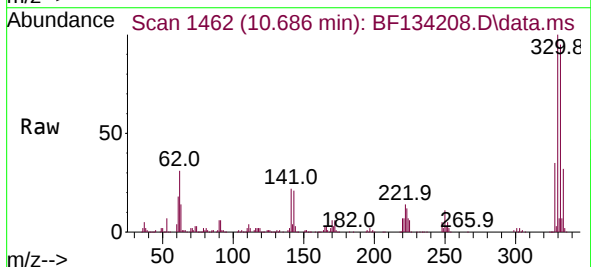
Tgt Ion:330 Resp: 347985

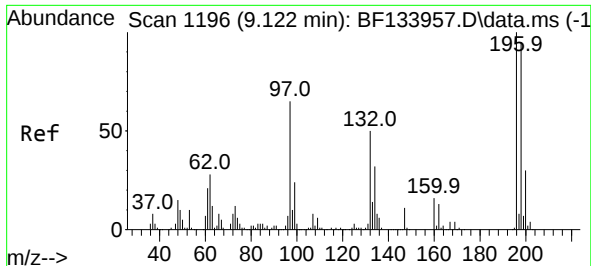
Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

141 30.5 26.3 39.5

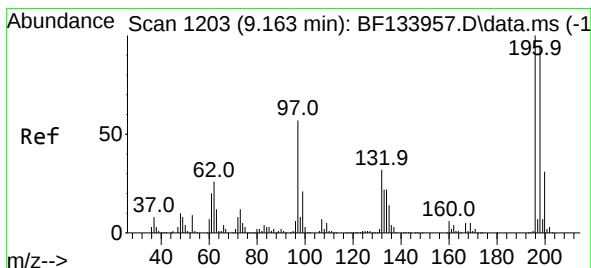
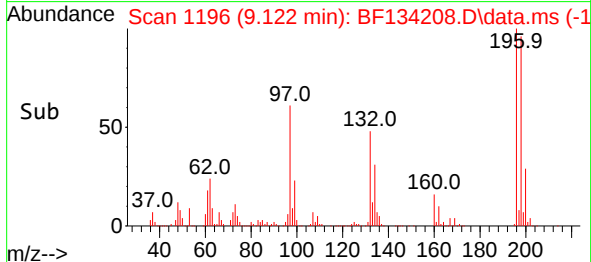
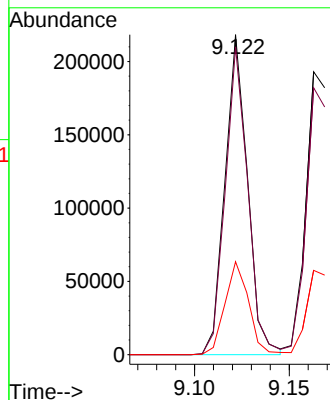
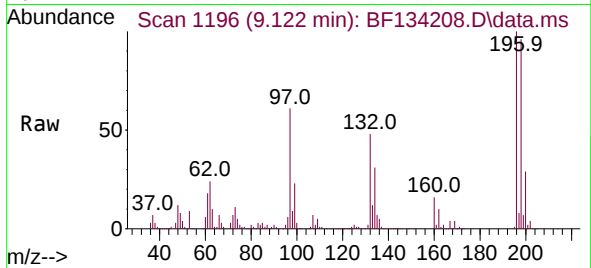




#43
2,4,6-Trichlorophenol
Concen: 40.141 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

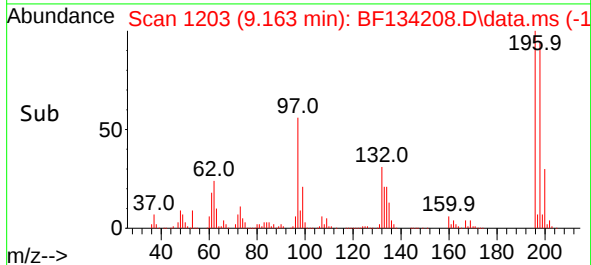
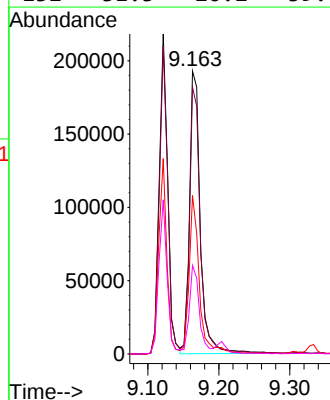
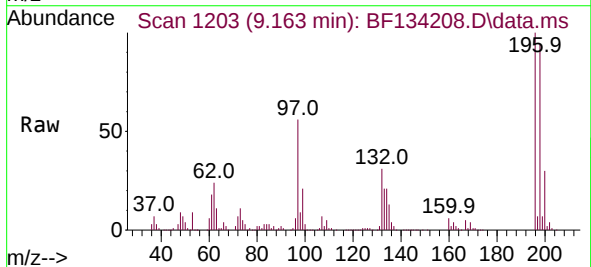
Instrument :
BNA_F
ClientSampleId :

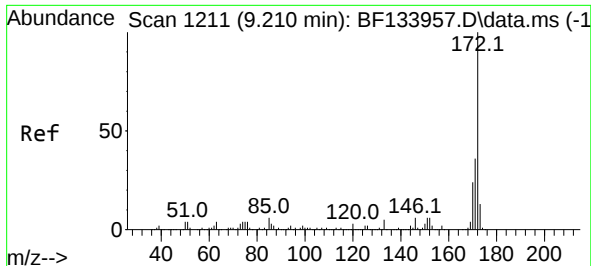
Tgt Ion:196 Resp: 180751
Ion Ratio Lower Upper
196 100
198 96.2 75.6 113.4
200 29.1 24.4 36.6



#44
2,4,5-Trichlorophenol
Concen: 38.564 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:196 Resp: 204261
Ion Ratio Lower Upper
196 100
198 94.3 75.7 113.5
97 56.0 45.8 68.6
132 31.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 82.142 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

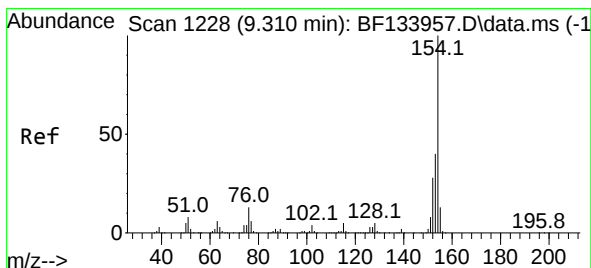
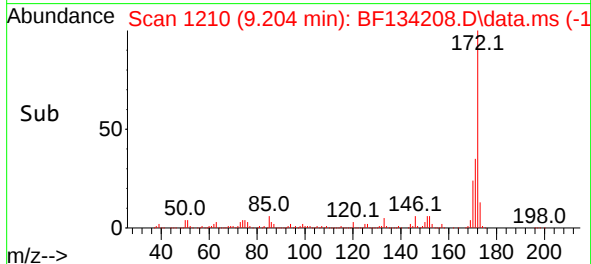
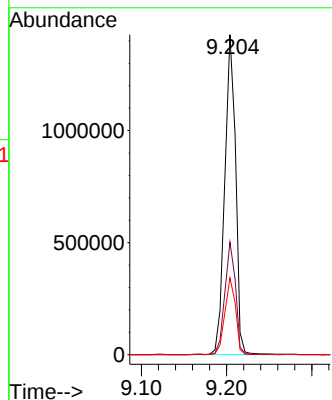
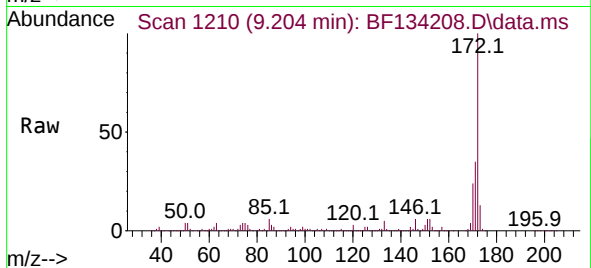
Tgt Ion:172 Resp: 1261425

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 24.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 41.713 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

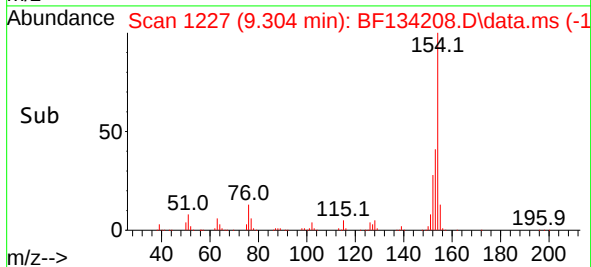
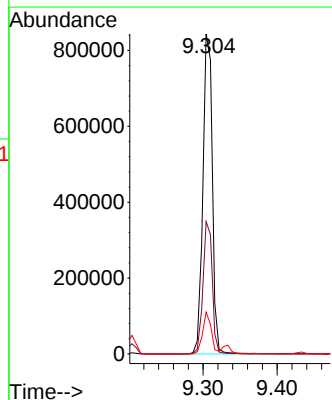
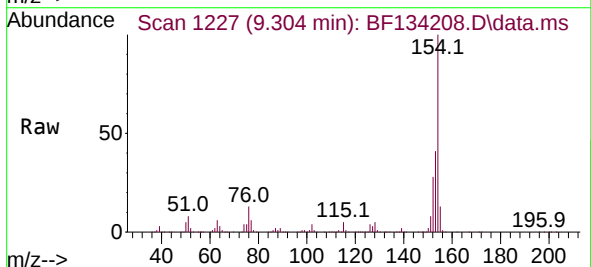
Tgt Ion:154 Resp: 747075

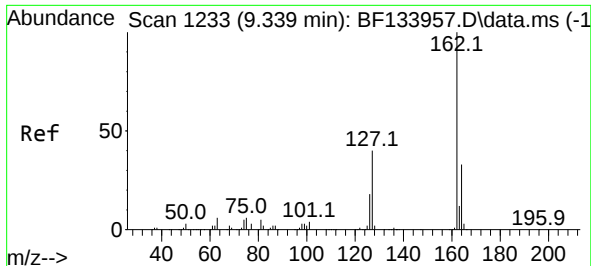
Ion Ratio Lower Upper

154 100

153 41.3 19.8 59.8

76 13.1 0.0 32.9

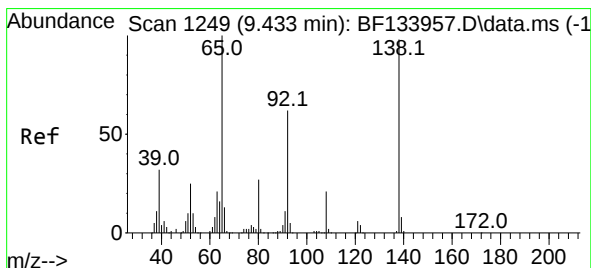
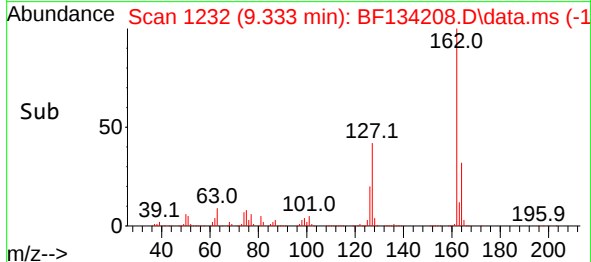
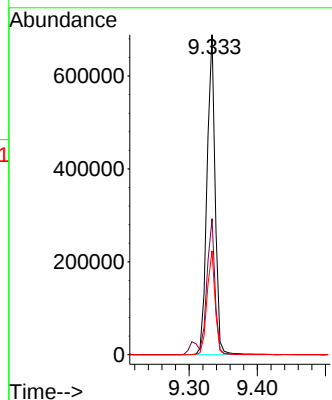
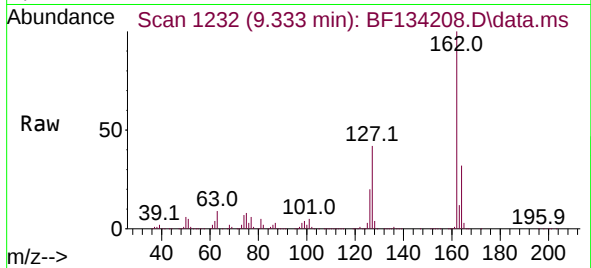




#47
2-Chloronaphthalene
Concen: 43.838 ng
RT: 9.333 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

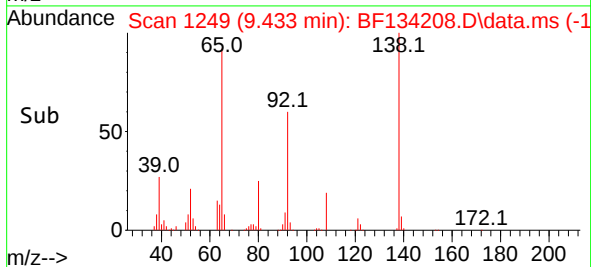
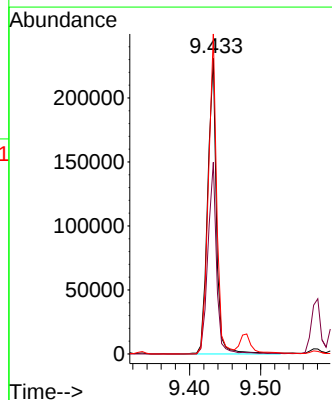
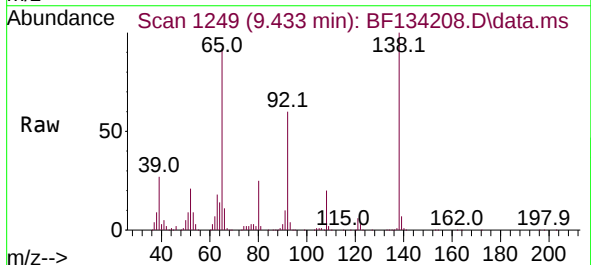
Instrument :
BNA_F
ClientSampleId :

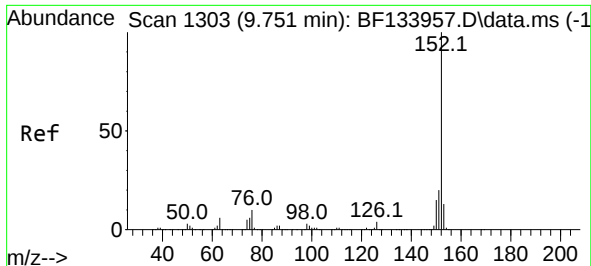
Tgt Ion:162 Resp: 574457
Ion Ratio Lower Upper
162 100
127 42.5 32.9 49.3
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 41.665 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion: 65 Resp: 198979
Ion Ratio Lower Upper
65 100
92 64.8 49.5 74.3
138 108.3 78.0 117.0

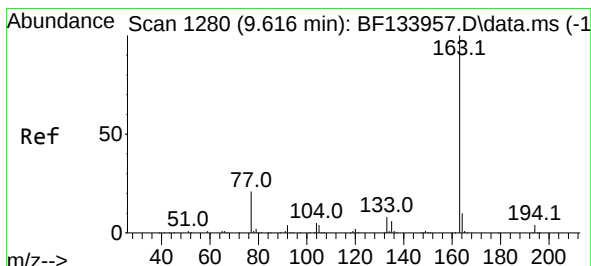
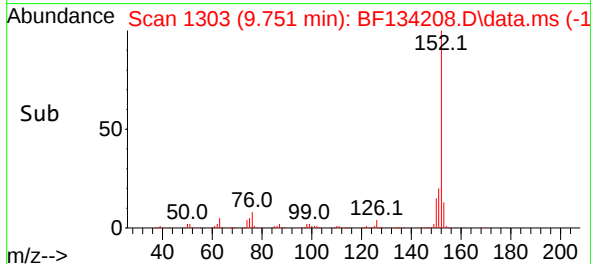
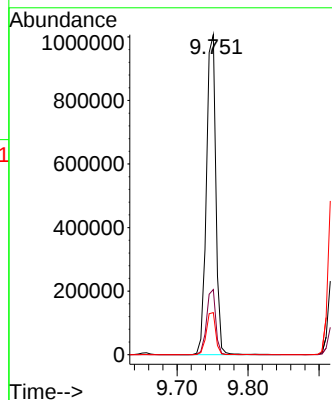
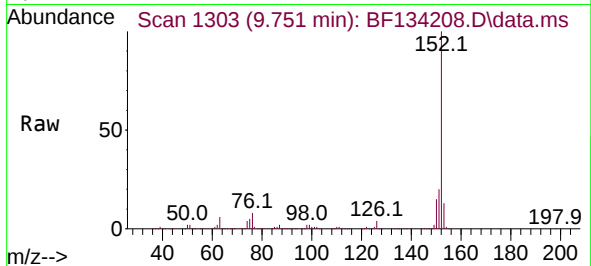




#49
Acenaphthylene
Concen: 41.539 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

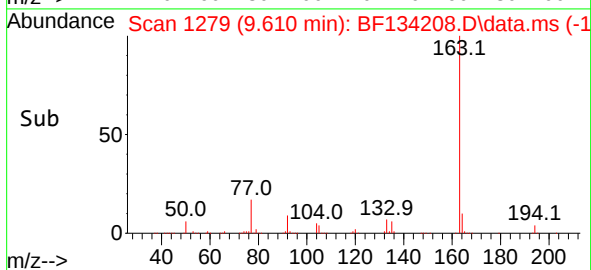
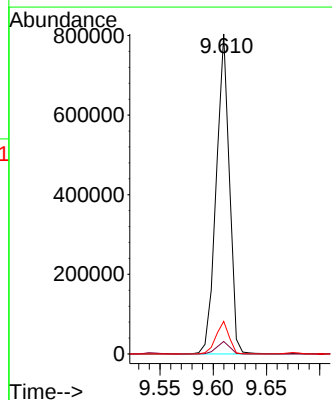
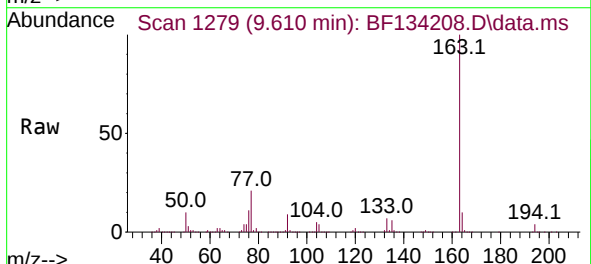
Instrument :
BNA_F
ClientSampleId :

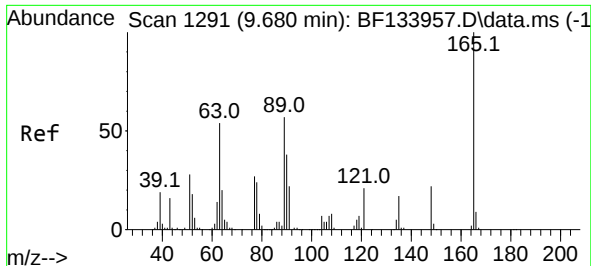
Tgt Ion:152 Resp: 929856
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.1 10.8 16.2



#50
Dimethylphthalate
Concen: 42.417 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:163 Resp: 687451
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.265 ng

RT: 9.675 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

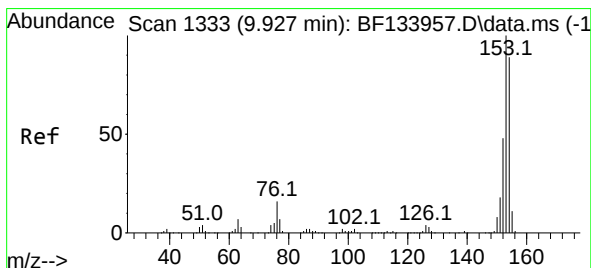
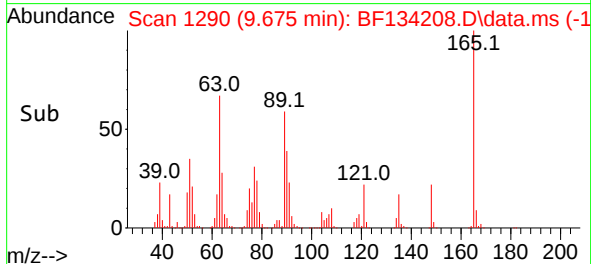
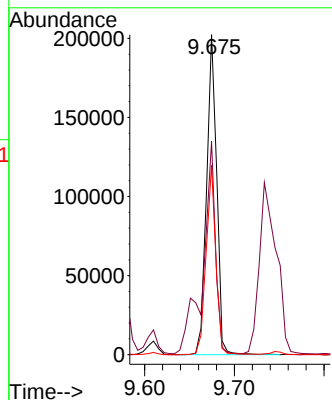
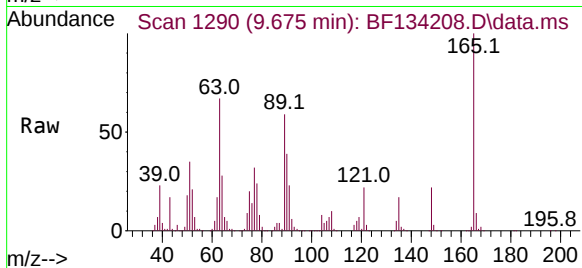
Tgt Ion:165 Resp: 158008

Ion Ratio Lower Upper

165 100

63 66.7 48.5 72.7

89 59.2 45.5 68.3



#52

Acenaphthene

Concen: 41.354 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

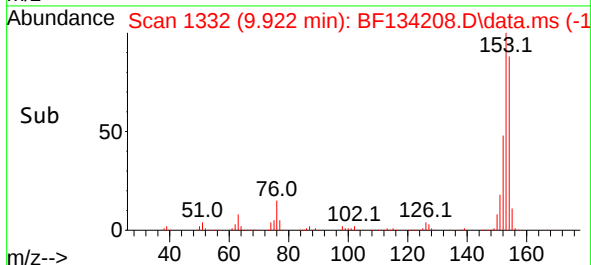
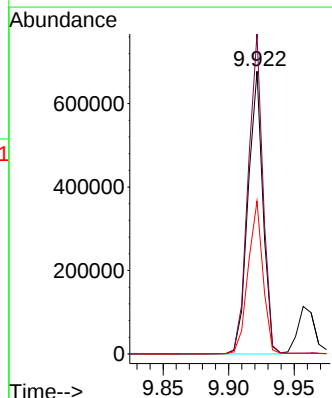
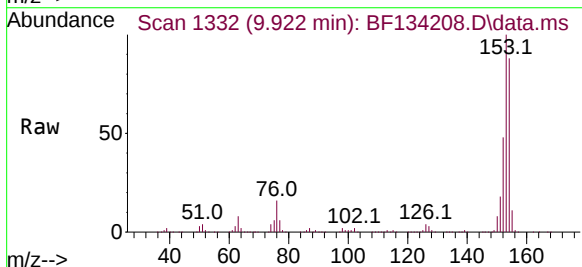
Tgt Ion:154 Resp: 537149

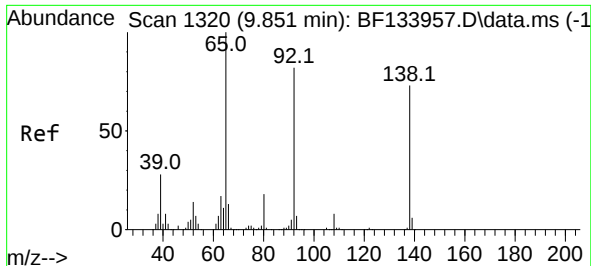
Ion Ratio Lower Upper

154 100

153 113.2 89.4 134.2

152 54.1 42.8 64.2

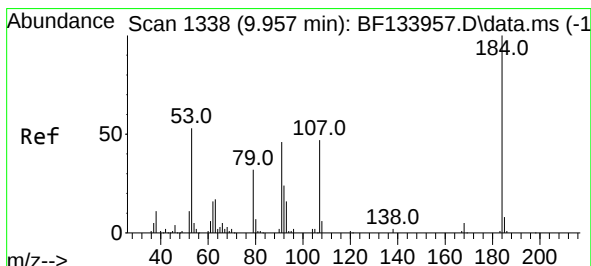
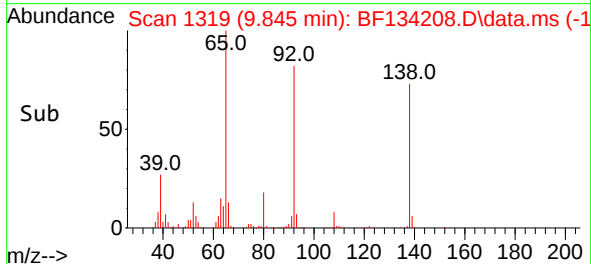
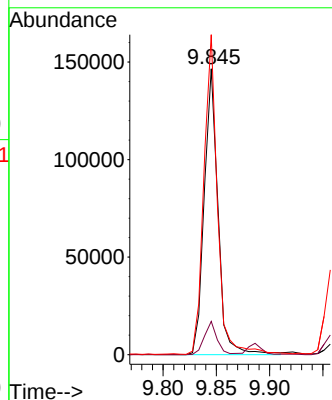
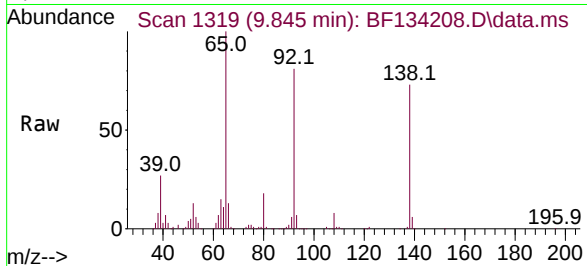




#53
3-Nitroaniline
Concen: 31.659 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

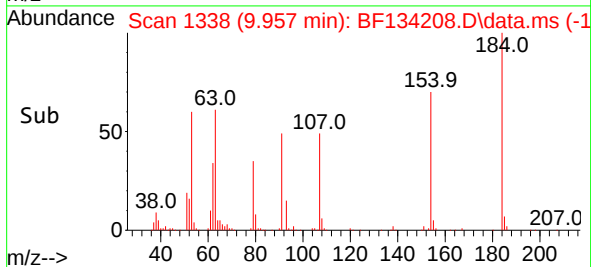
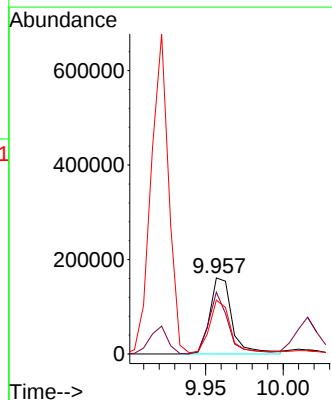
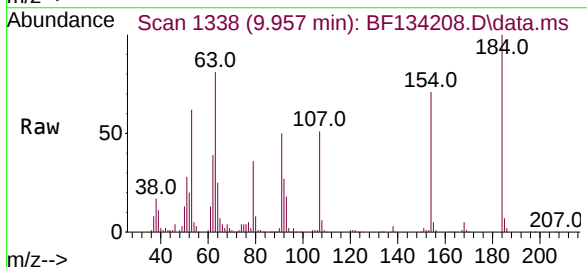
Instrument :
BNA_F
ClientSampleId :

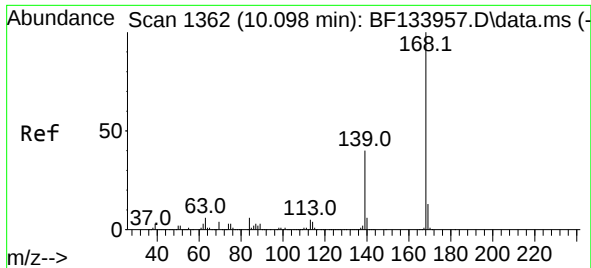
Tgt Ion:138 Resp: 132582
Ion Ratio Lower Upper
138 100
108 11.6 8.4 12.6
92 111.9 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 80.016 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:184 Resp: 161310
Ion Ratio Lower Upper
184 100
63 81.2 56.9 85.3
154 70.6 55.4 83.0

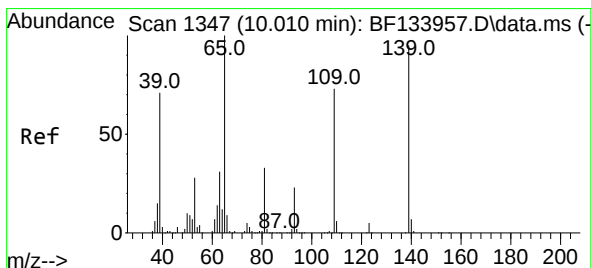
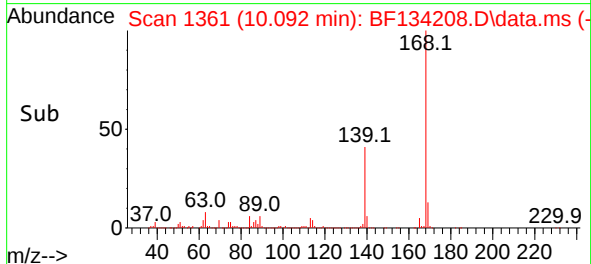
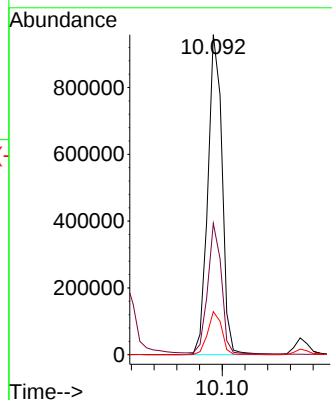
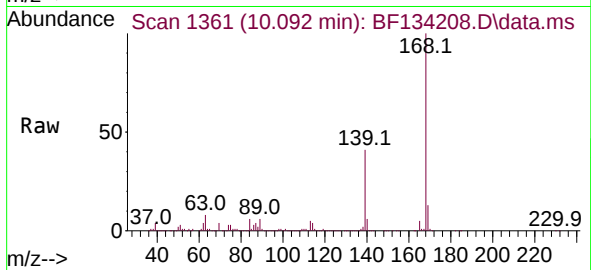




#55
Dibenzofuran
Concen: 40.947 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

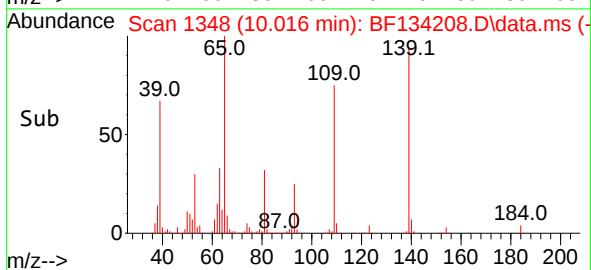
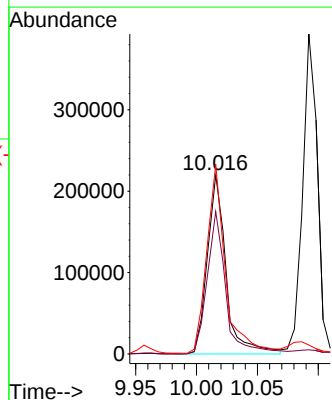
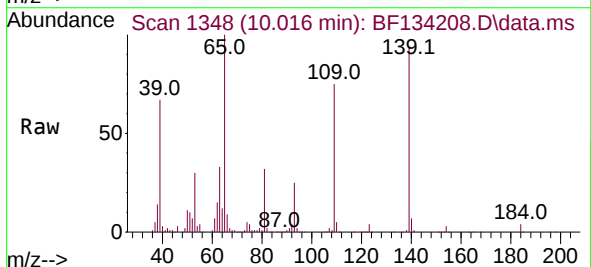
Instrument :
BNA_F
ClientSampleId :

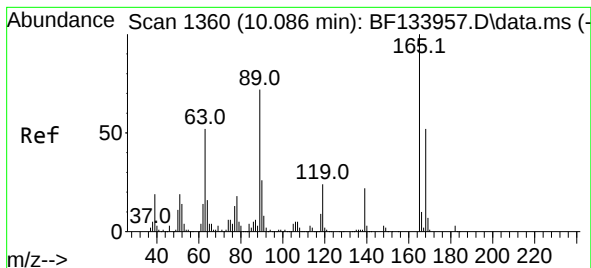
Tgt Ion:168 Resp: 831209
Ion Ratio Lower Upper
168 100
139 41.0 32.0 48.0
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 80.253 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

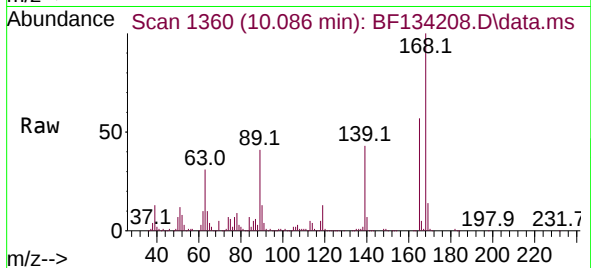
Tgt Ion:139 Resp: 235082
Ion Ratio Lower Upper
139 100
109 79.6 56.8 96.8
65 106.1 86.1 126.1



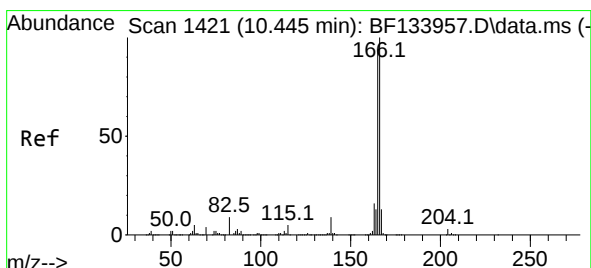
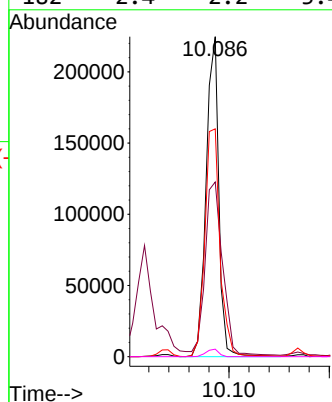
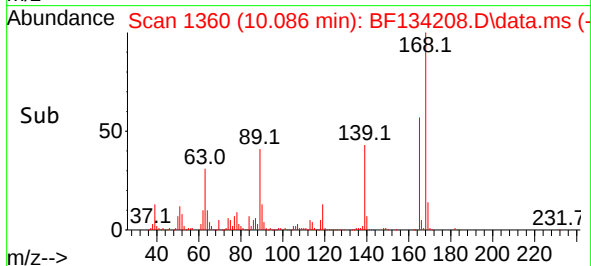


#57
2,4-Dinitrotoluene
Concen: 42.930 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

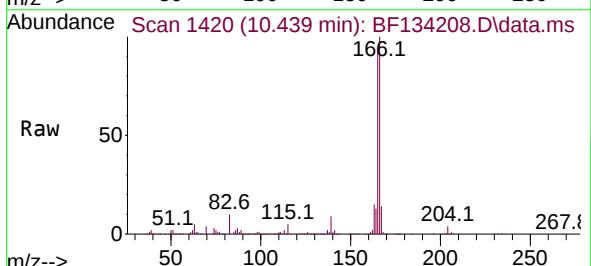
Instrument :
BNA_F
ClientSampleId :



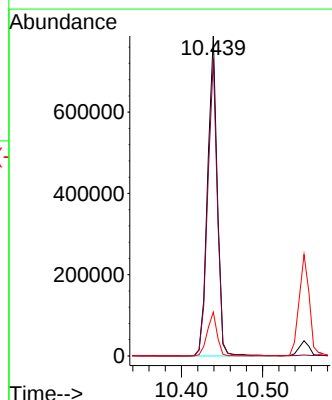
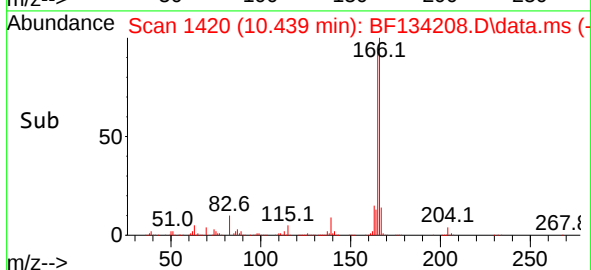
Tgt Ion:165 Resp: 197909
Ion Ratio Lower Upper
165 100
63 54.6 42.2 63.2
89 71.2 57.4 86.2
182 2.4 2.2 3.4

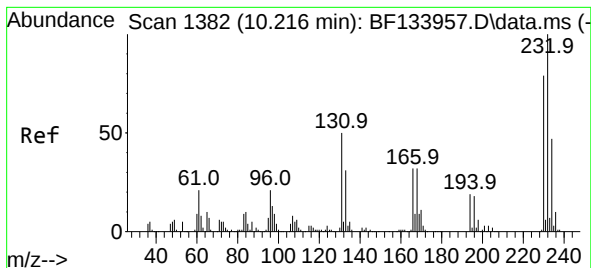


#58
Fluorene
Concen: 41.194 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48



Tgt Ion:166 Resp: 650570
Ion Ratio Lower Upper
166 100
165 92.9 75.0 112.4
167 13.7 10.6 15.8

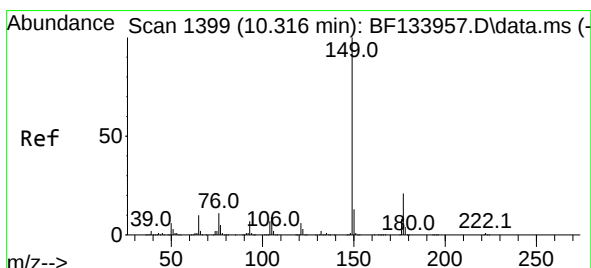
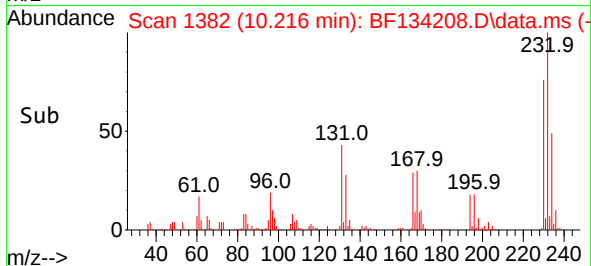
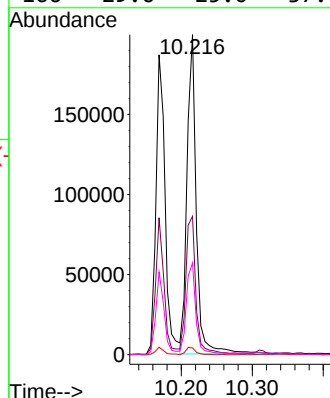
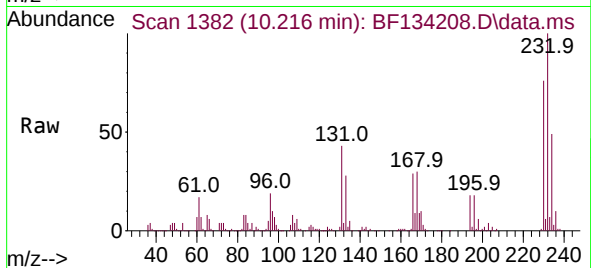




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.781 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

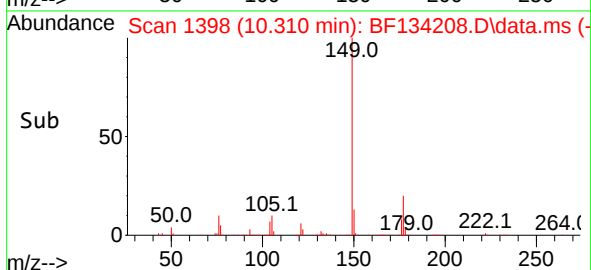
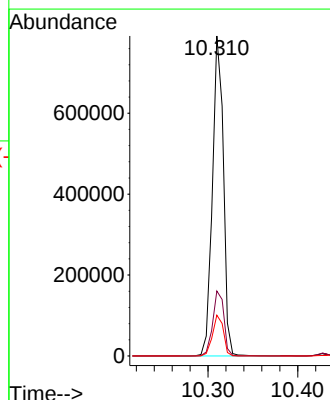
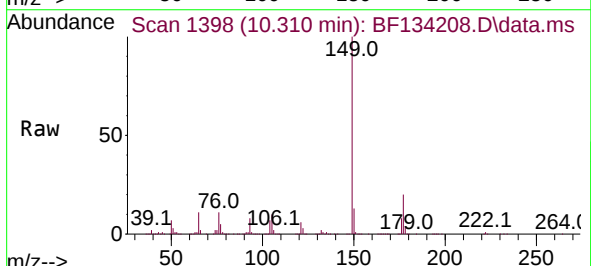
Instrument :
BNA_F
ClientSampleId :

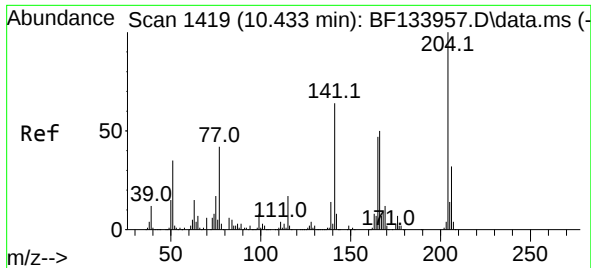
Tgt Ion:232 Resp: 178740
Ion Ratio Lower Upper
232 100
131 46.3 39.3 58.9
130 2.4 1.8 2.6
166 29.6 25.0 37.6



#60
Diethylphthalate
Concen: 39.736 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:149 Resp: 670962
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.6
150 12.8 10.2 15.2

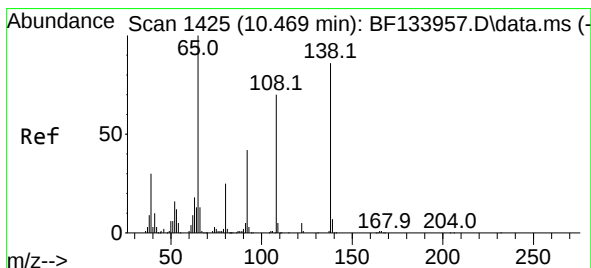
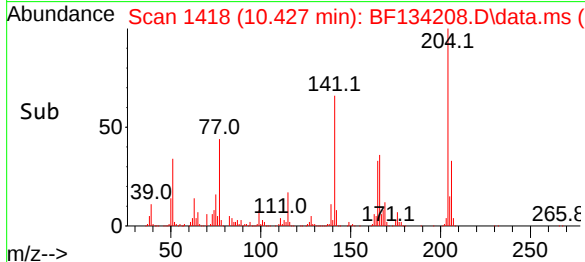
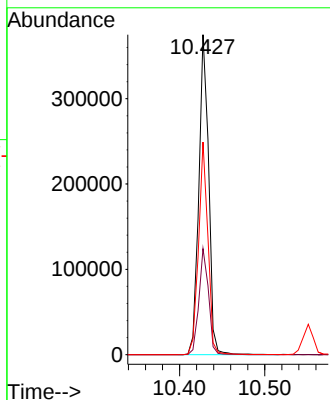
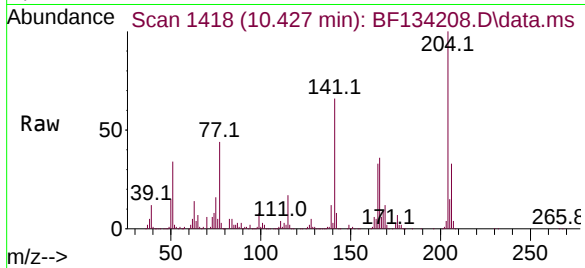




#61
4-Chlorophenyl-phenylether
Concen: 39.499 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

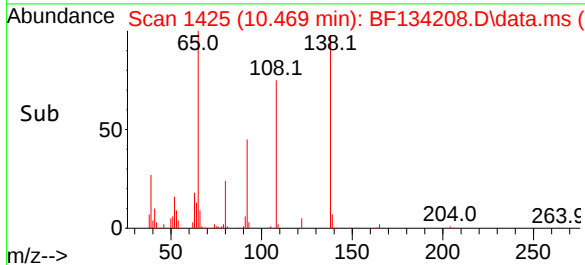
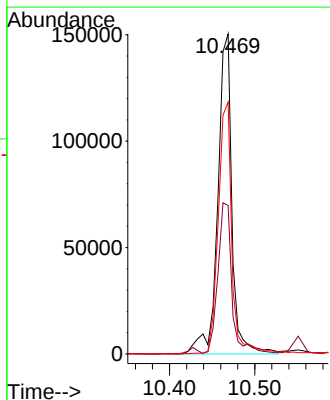
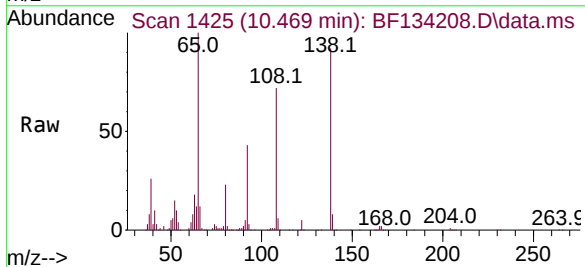
Instrument :
BNA_F
ClientSampleId :

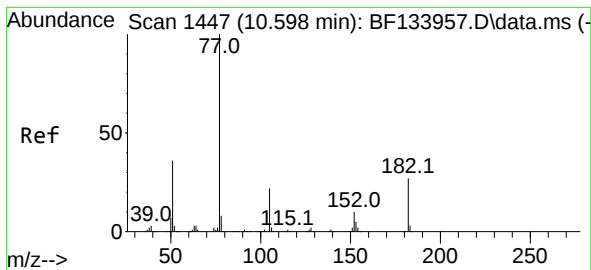
Tgt Ion:204 Resp: 300624
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 66.4 51.5 77.3



#62
4-Nitroaniline
Concen: 41.127 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:138 Resp: 173572
Ion Ratio Lower Upper
138 100
92 46.4 29.7 69.7
108 78.7 62.1 102.1





#63

Azobenzene

Concen: 41.161 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 657438

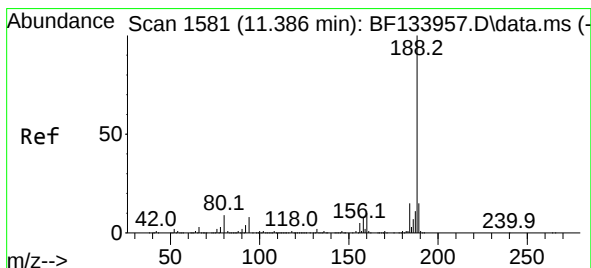
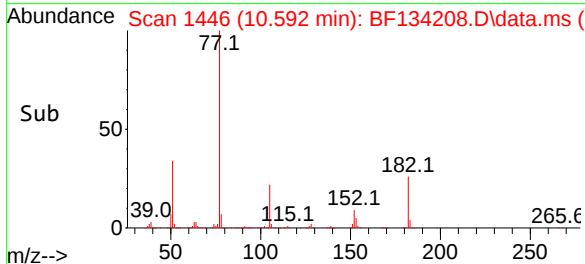
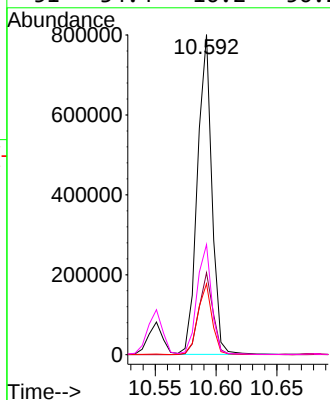
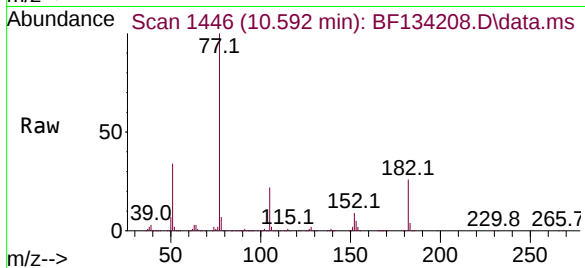
Ion Ratio Lower Upper

77 100

182 25.6 6.8 46.8

105 22.1 2.3 42.3

51 34.4 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

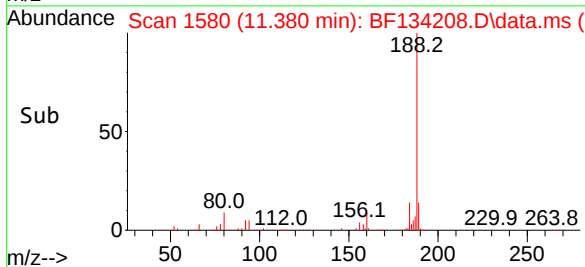
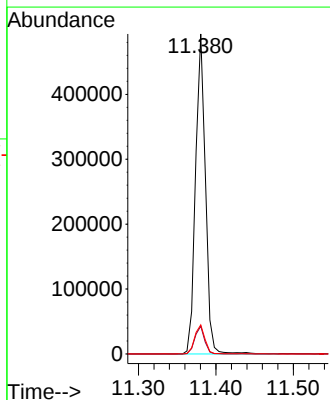
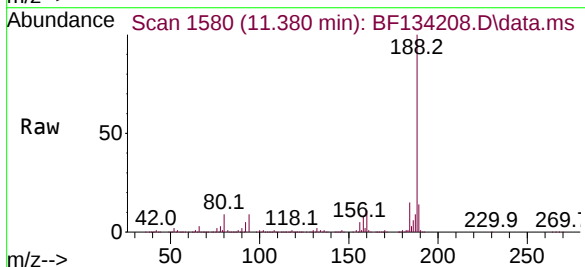
Tgt Ion: 188 Resp: 437755

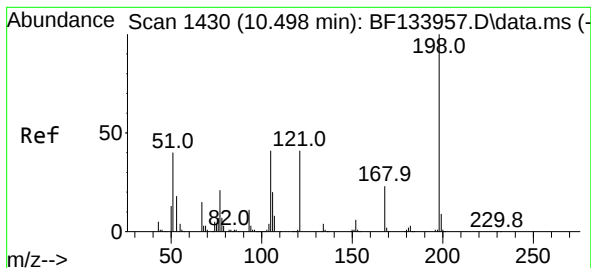
Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 9.1 7.3 10.9

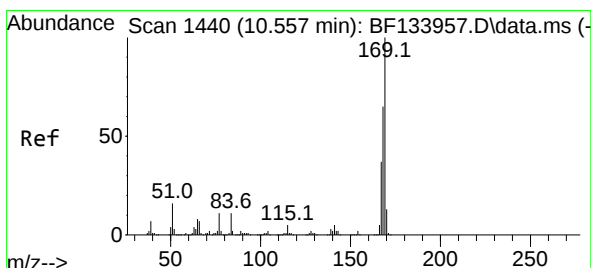
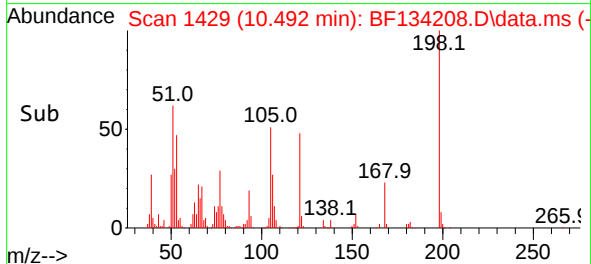
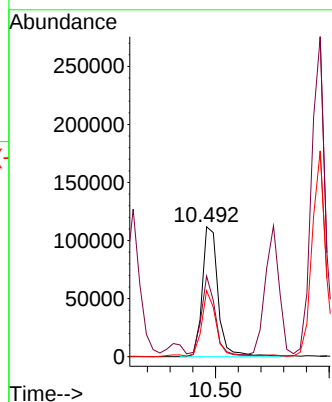
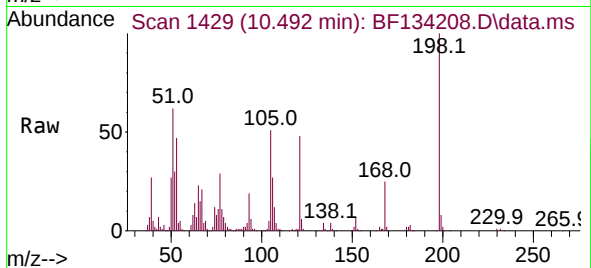




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.407 ng
 RT: 10.492 min Scan# 1430
 Delta R.T. -0.000 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

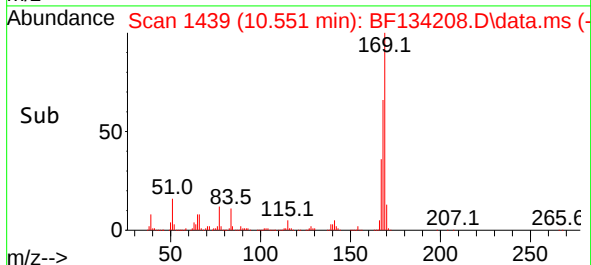
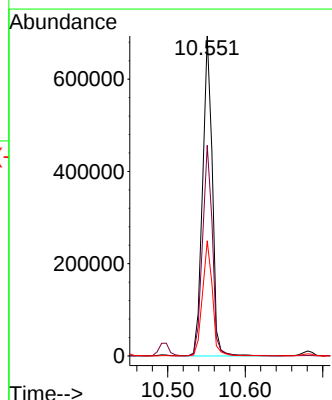
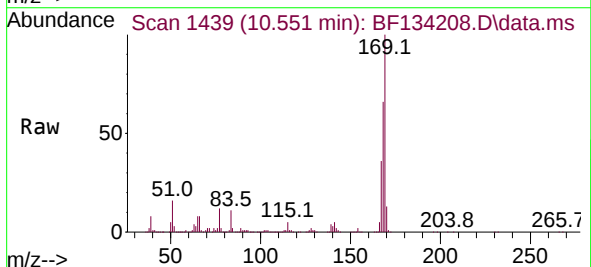
Instrument :
 BNA_F
 ClientSampleId :

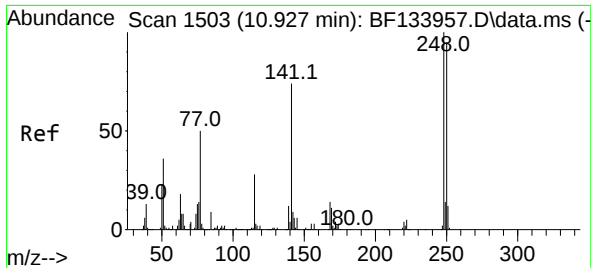
Tgt Ion:198 Resp: 108368
 Ion Ratio Lower Upper
 198 100
 51 62.1 29.3 69.3
 105 50.9 22.4 62.4



#66
 n-Nitrosodiphenylamine
 Concen: 43.013 ng
 RT: 10.551 min Scan# 1439
 Delta R.T. -0.000 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

Tgt Ion:169 Resp: 601597
 Ion Ratio Lower Upper
 169 100
 168 65.8 52.3 78.5
 167 36.0 29.4 44.0

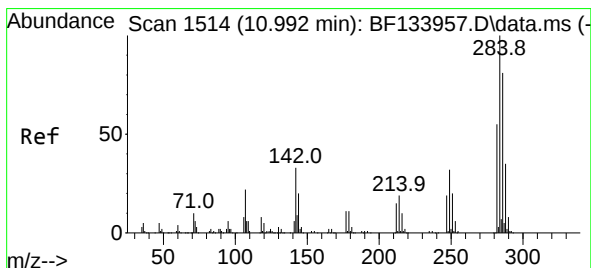
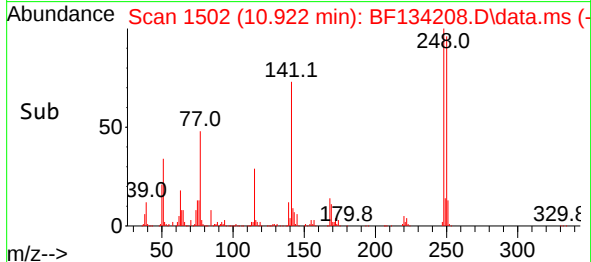
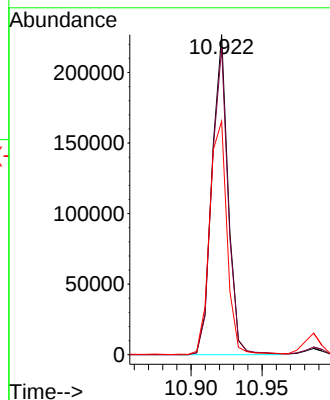
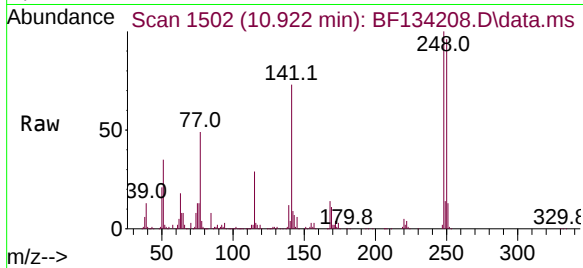




#67
4-Bromophenyl-phenylether
Concen: 38.645 ng
RT: 10.922 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

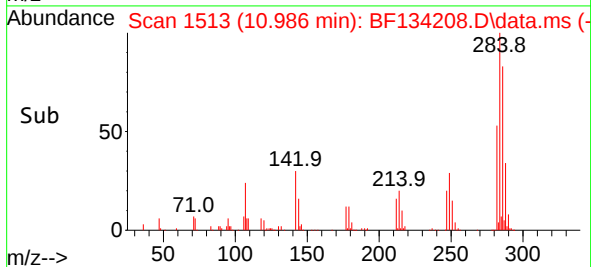
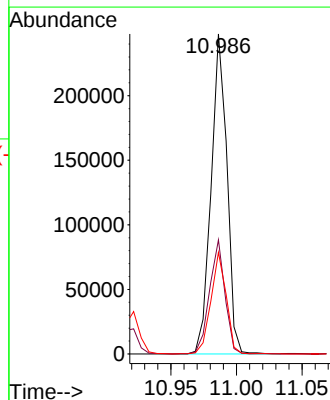
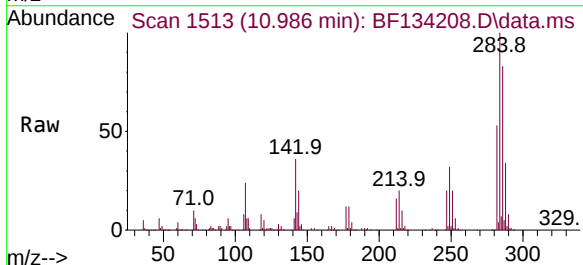
Instrument :
BNA_F
ClientSampleId :

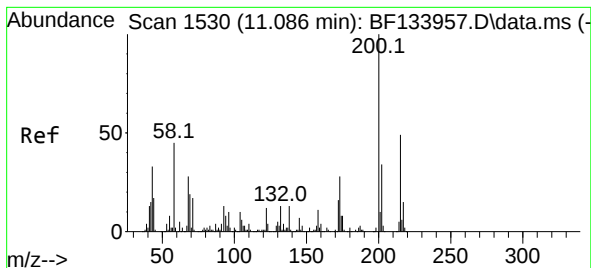
Tgt Ion:248 Resp: 179809
Ion Ratio Lower Upper
248 100
250 95.9 76.2 114.4
141 72.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 42.205 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:284 Resp: 208502
Ion Ratio Lower Upper
284 100
142 35.6 26.6 40.0
249 31.7 25.5 38.3





#69

Atrazine

Concen: 50.130 ng

RT: 11.080 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

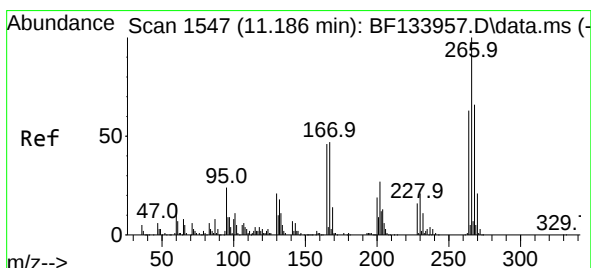
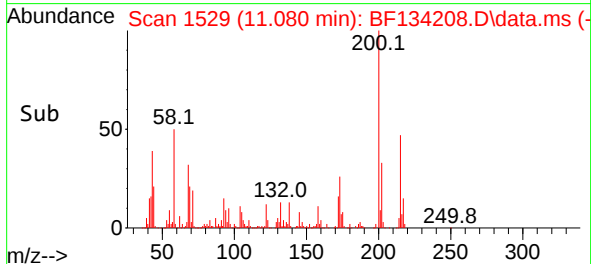
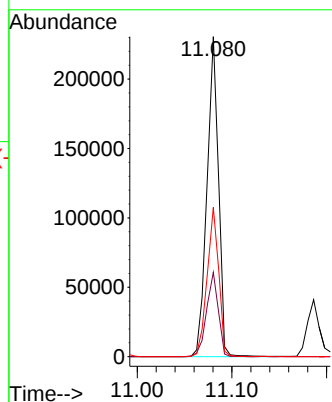
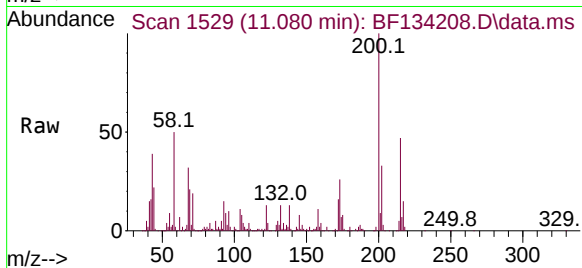
Tgt Ion:200 Resp: 193940

Ion Ratio Lower Upper

200 100

173 26.4 8.0 48.0

215 46.6 29.3 69.3



#70

Pentachlorophenol

Concen: 72.464 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

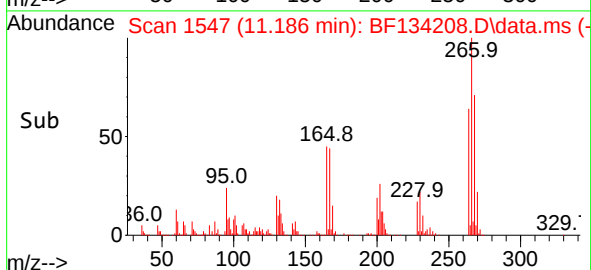
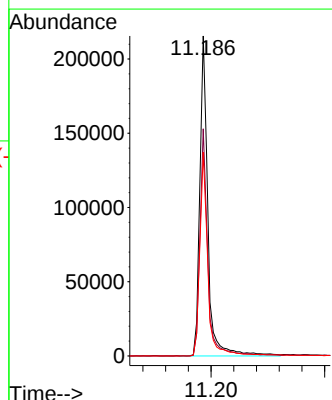
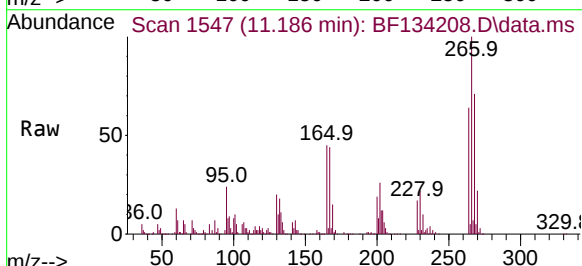
Tgt Ion:266 Resp: 214045

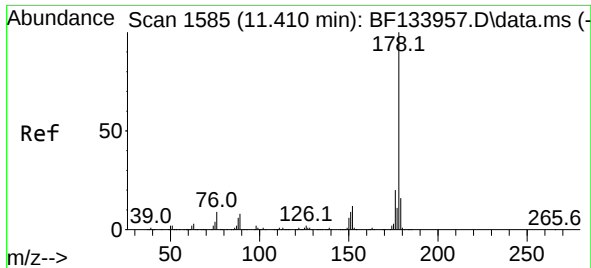
Ion Ratio Lower Upper

266 100

268 71.0 52.6 79.0

264 63.6 50.6 76.0

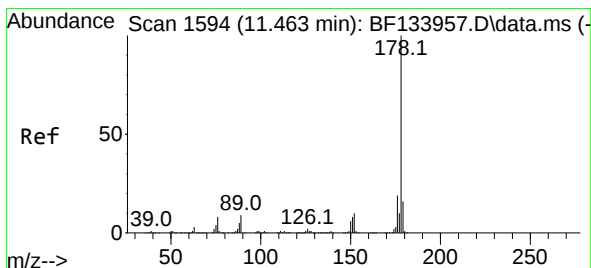
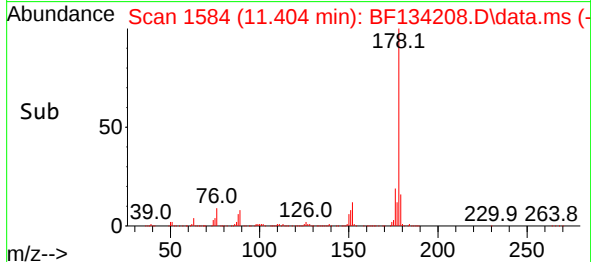
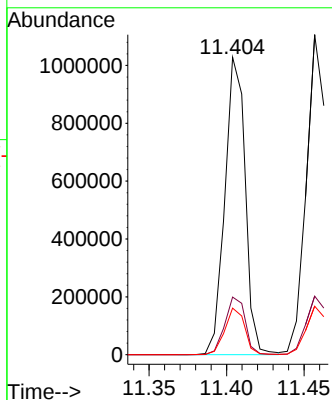
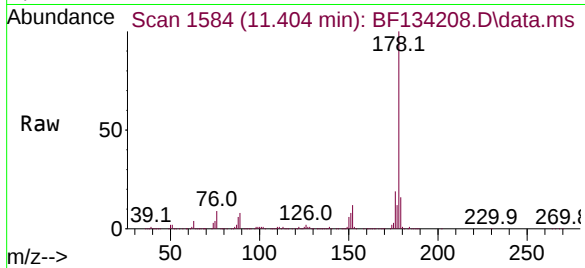




#71
Phenanthrene
Concen: 42.708 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

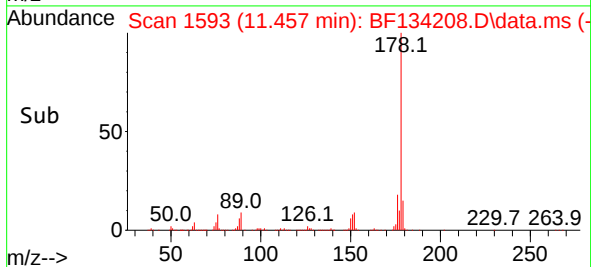
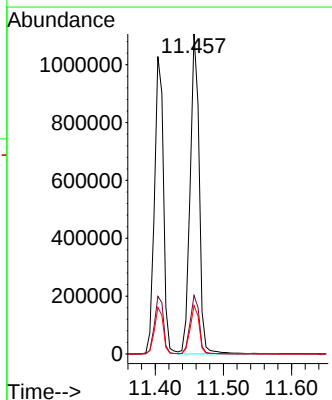
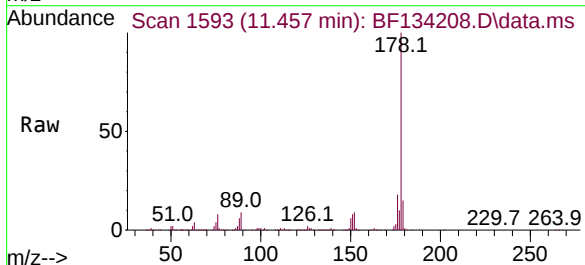
Instrument :
BNA_F
ClientSampleId :

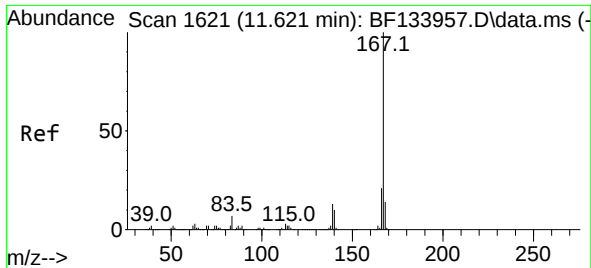
Tgt Ion:178 Resp: 941176
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.7 12.4 18.6



#72
Anthracene
Concen: 44.051 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:178 Resp: 1009704
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.1 12.4 18.6

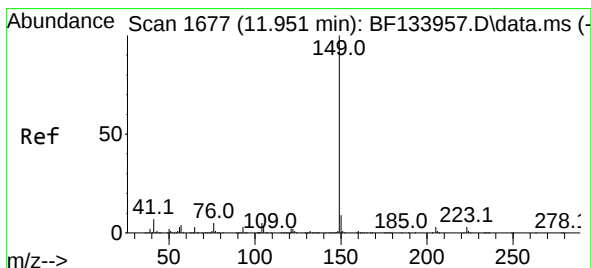
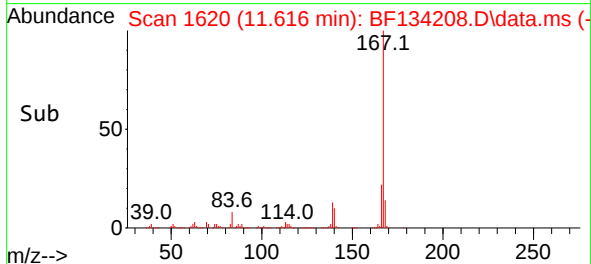
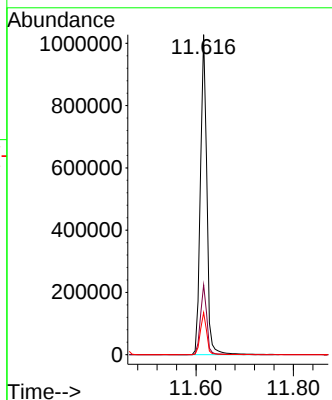
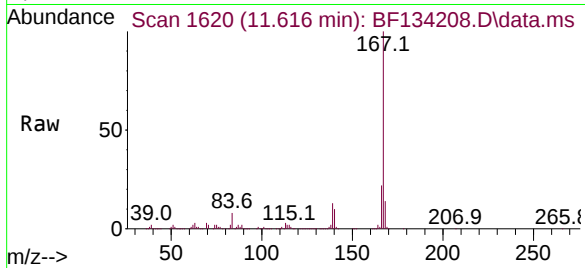




#73
 Carbazole
 Concen: 44.973 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

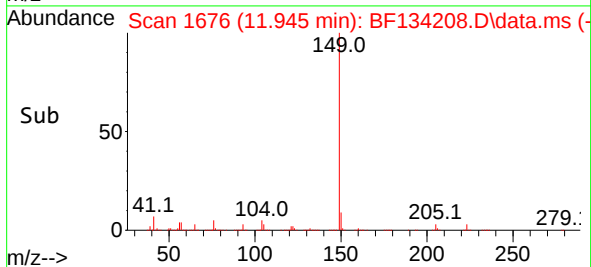
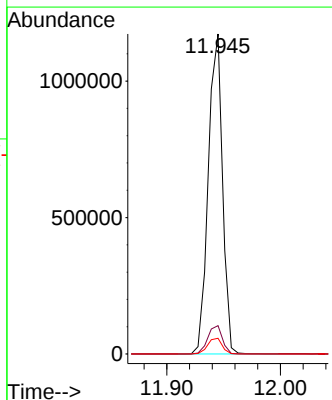
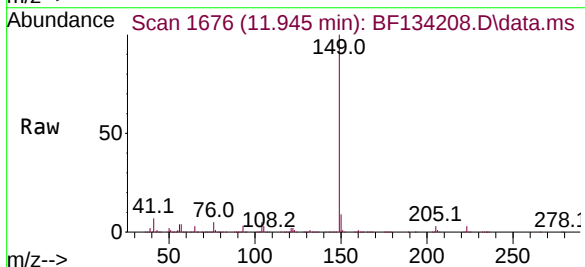
Instrument :
 BNA_F
 ClientSampleId :

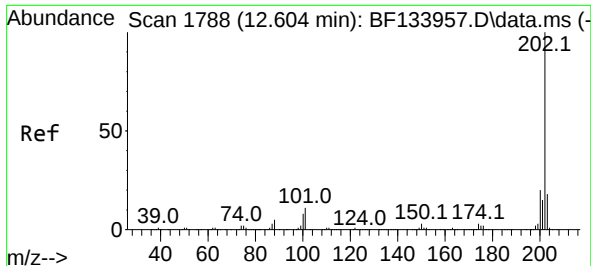
Tgt Ion:167 Resp: 943543
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.2 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 40.809 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

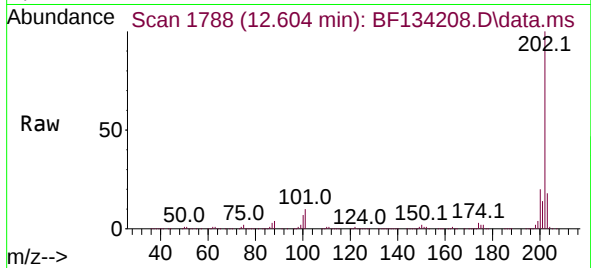
Tgt Ion:149 Resp: 1018161
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 4.9 4.0 6.0



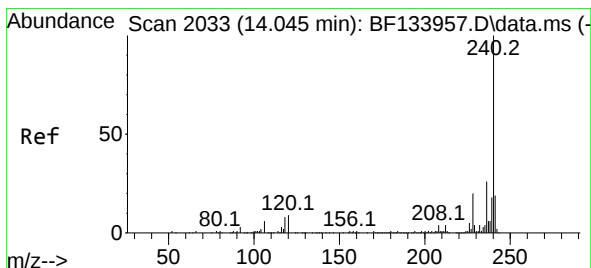
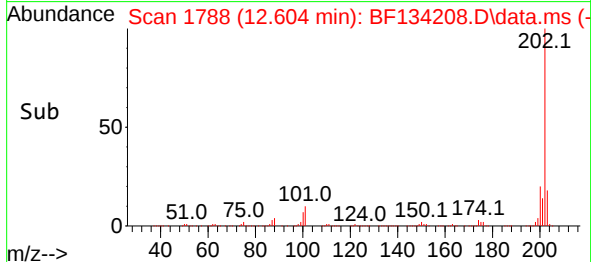
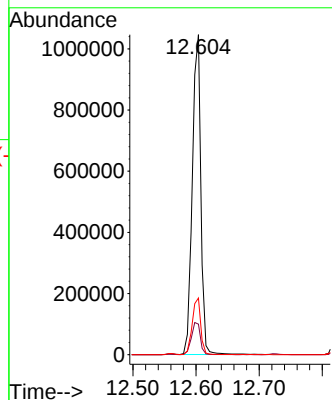


#75
Fluoranthene
Concen: 41.409 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Instrument :
BNA_F
ClientSampleId :

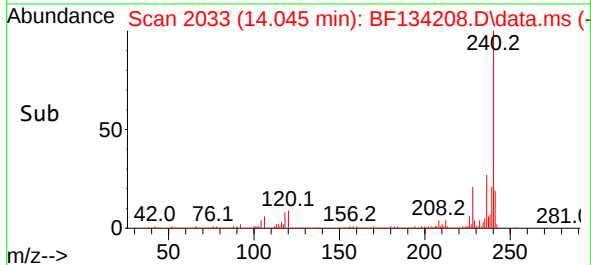
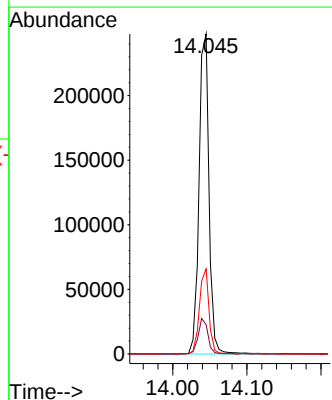
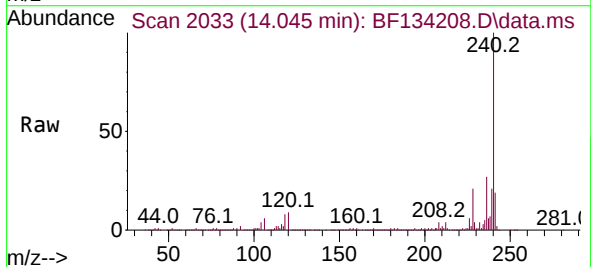


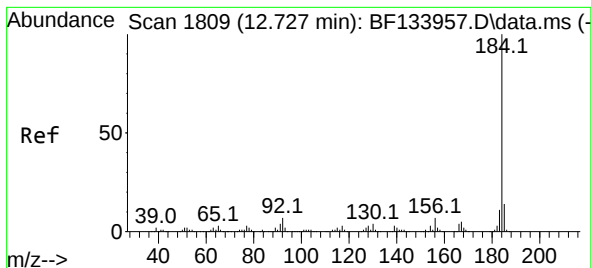
Tgt Ion:202 Resp: 986548
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.0
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:240 Resp: 230490
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.6 21.0 31.6





#77

Benzidine

Concen: 74.396 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

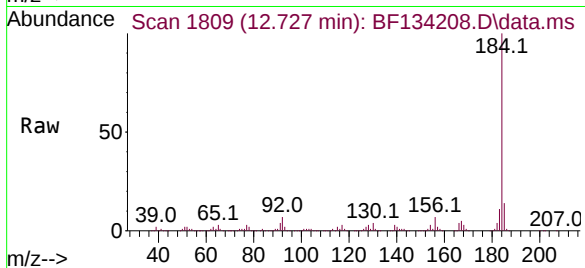
Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :



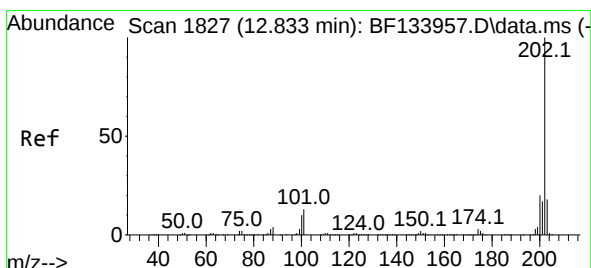
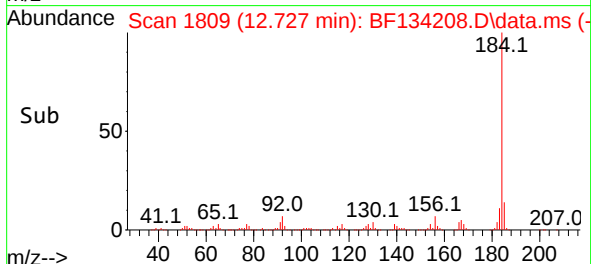
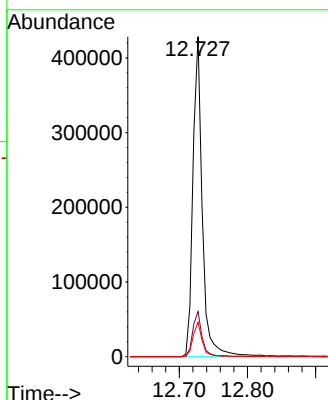
Tgt Ion:184 Resp: 408015

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 10.7 8.8 13.2



#78

Pyrene

Concen: 45.952 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

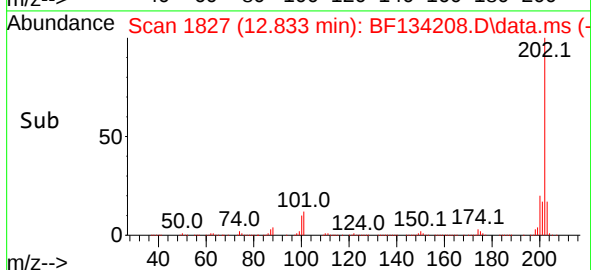
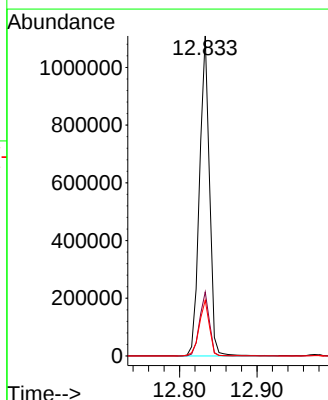
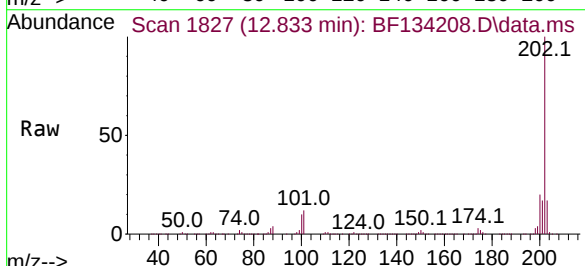
Tgt Ion:202 Resp: 985691

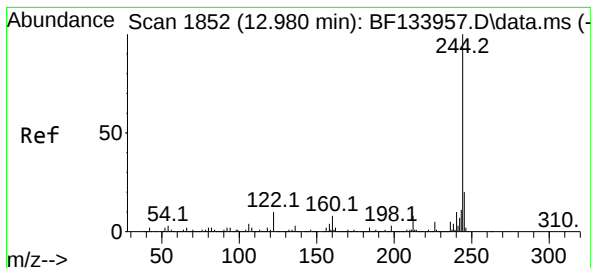
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 100.326 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

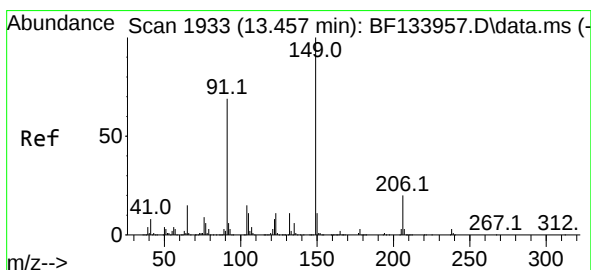
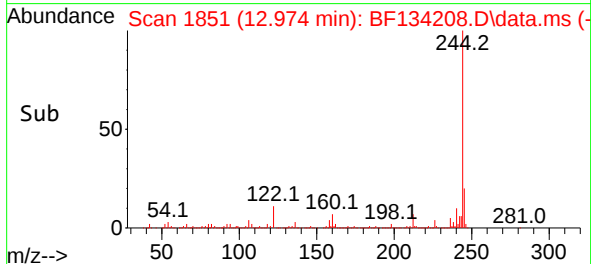
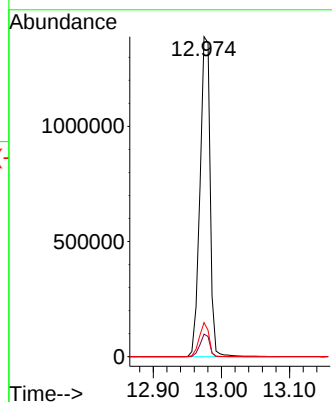
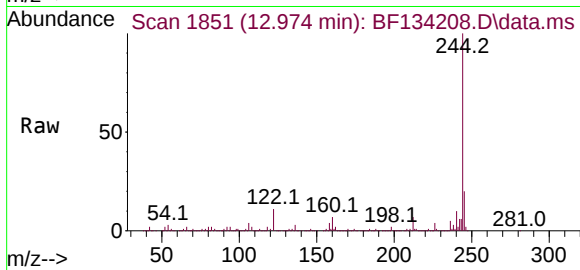
Tgt Ion:244 Resp: 1436800

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.7 8.3 12.5



#80

Butylbenzylphthalate

Concen: 42.975 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

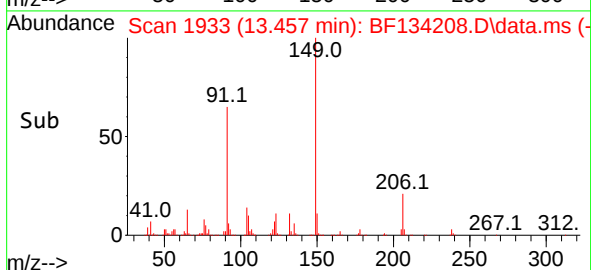
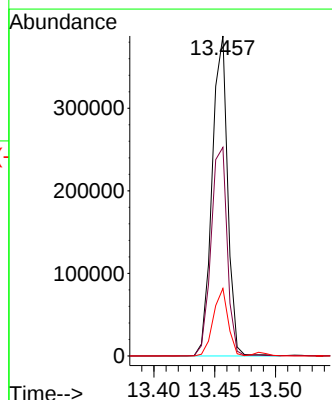
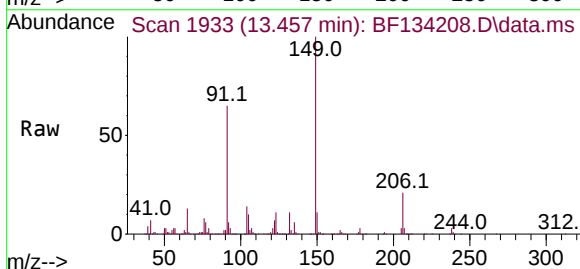
Tgt Ion:149 Resp: 345725

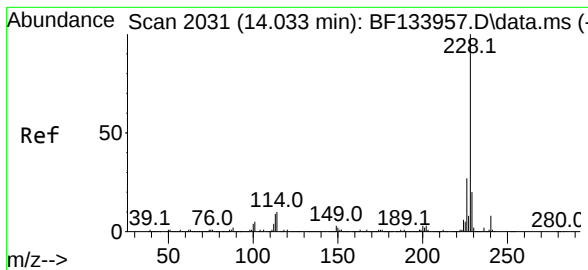
Ion Ratio Lower Upper

149 100

91 65.2 55.1 82.7

206 21.1 15.7 23.5

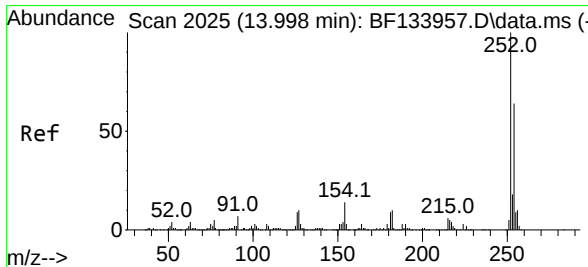
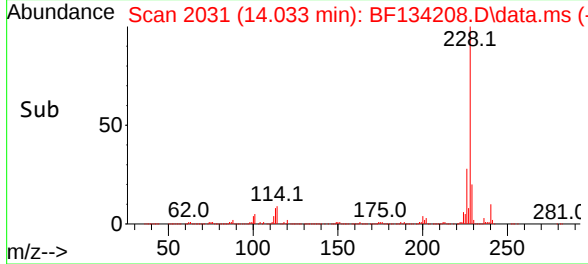
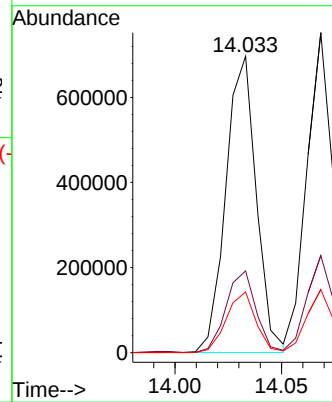
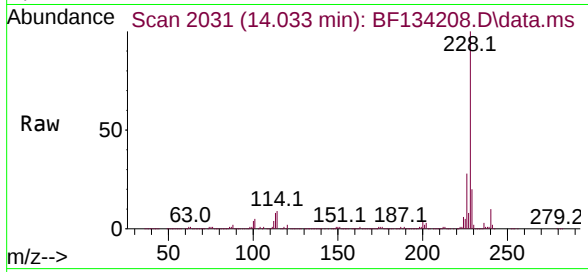




#81
Benzo(a)anthracene
Concen: 43.170 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

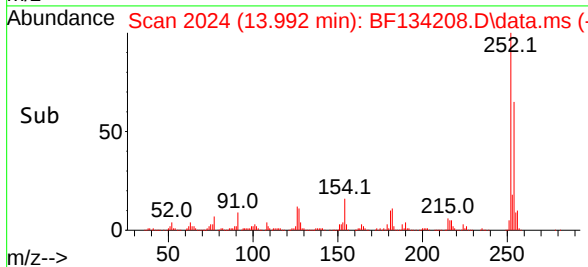
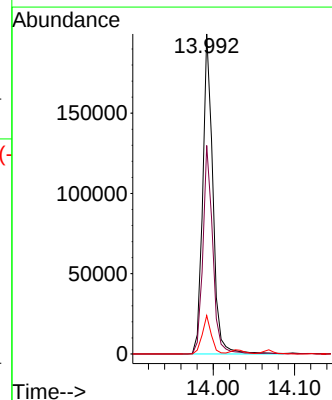
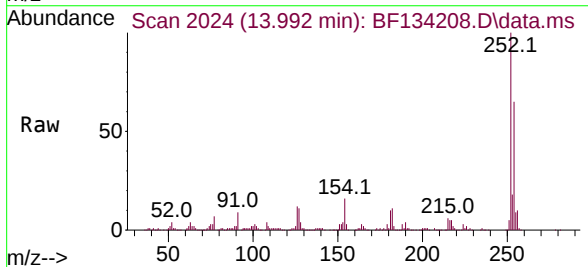
Instrument :
BNA_F
ClientSampleId :

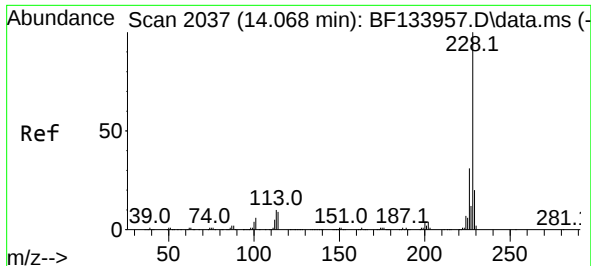
Tgt Ion:228 Resp: 690064
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 34.261 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:252 Resp: 173509
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.0
126 12.0 7.4 11.2#

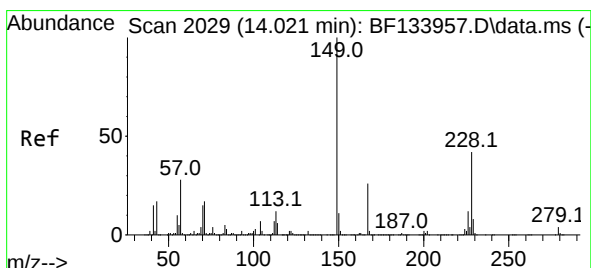
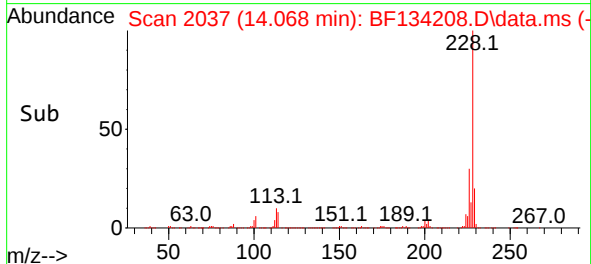
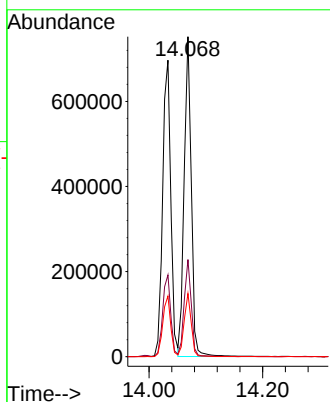
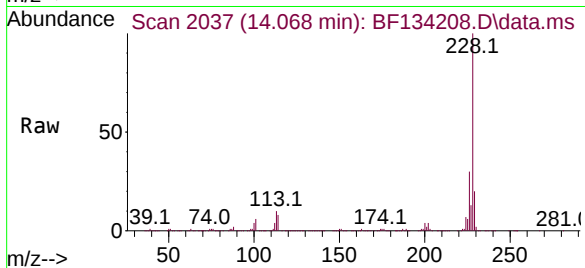




#83
Chrysene
Concen: 42.312 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

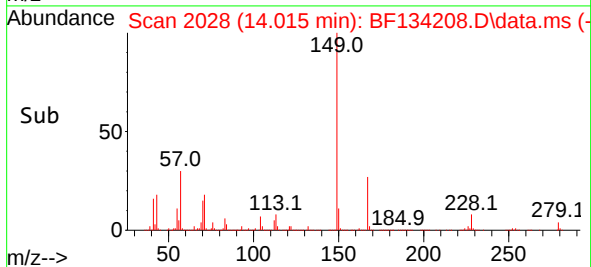
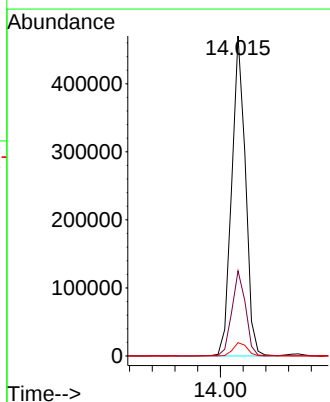
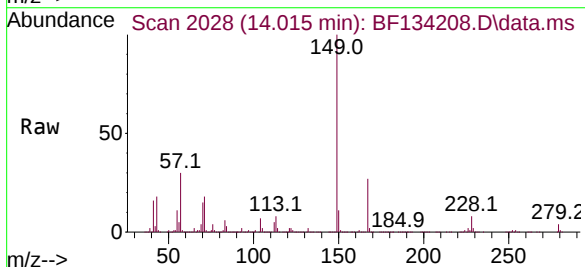
Instrument :
BNA_F
ClientSampleId :

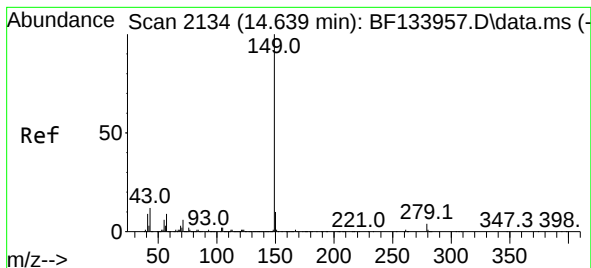
Tgt Ion:228 Resp: 655086
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.7 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.545 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF134208.D
Acq: 11 Jul 2023 11:48

Tgt Ion:149 Resp: 393289
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.4
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.907 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

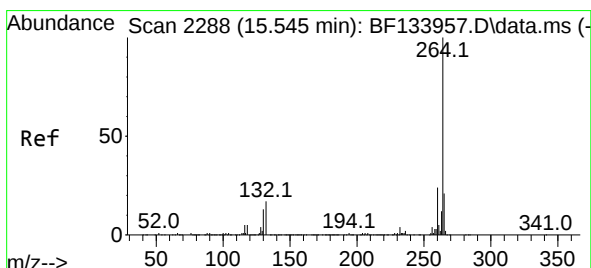
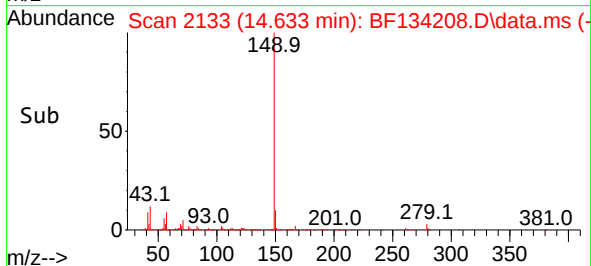
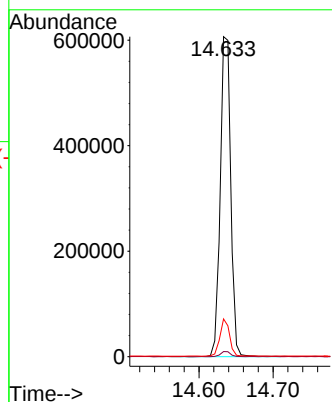
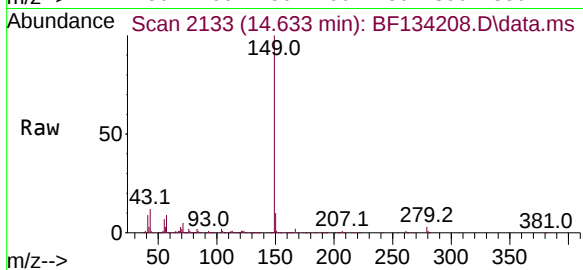
Tgt Ion:149 Resp: 596387

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.6 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

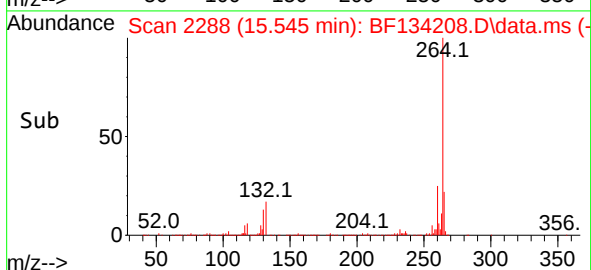
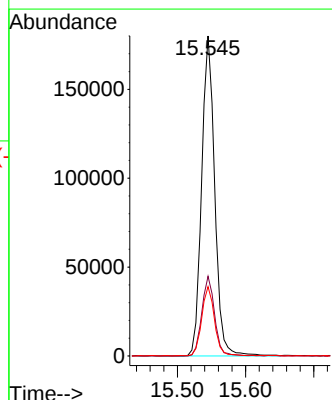
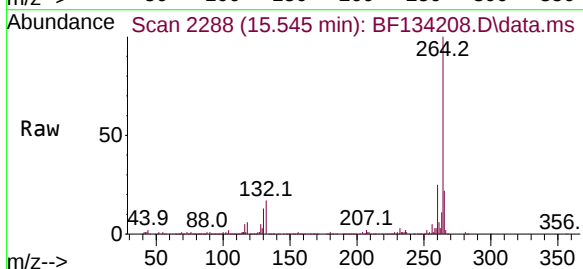
Tgt Ion:264 Resp: 240456

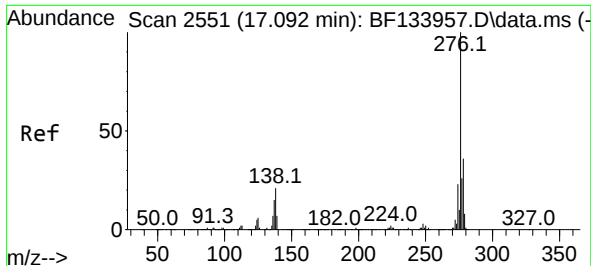
Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 21.7 16.6 25.0

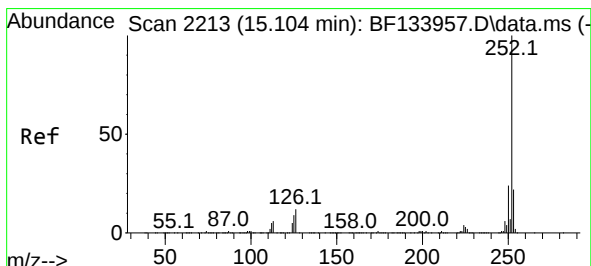
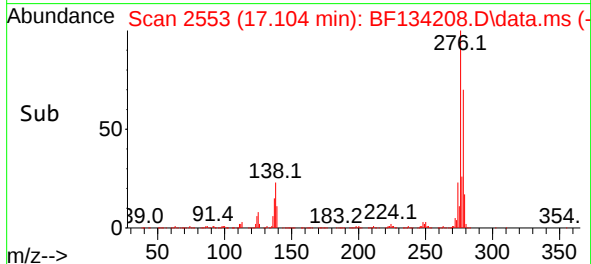
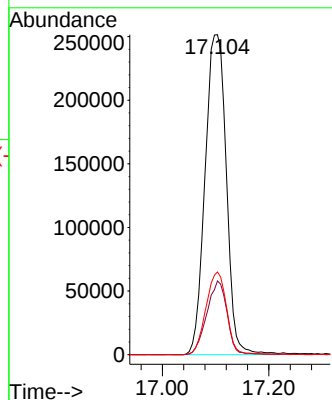
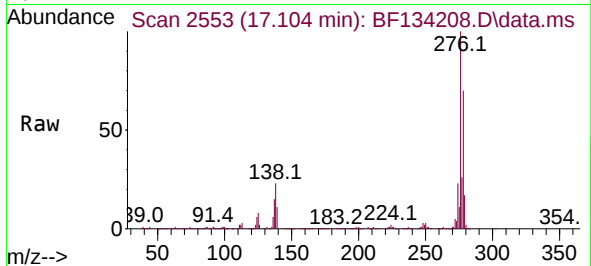




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.720 ng
 RT: 17.104 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

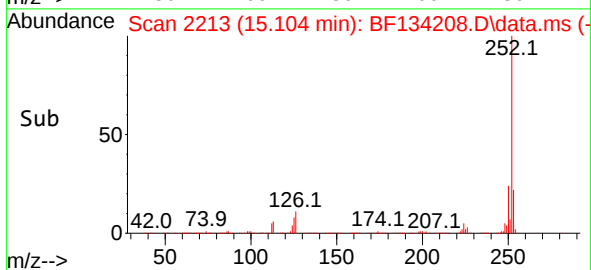
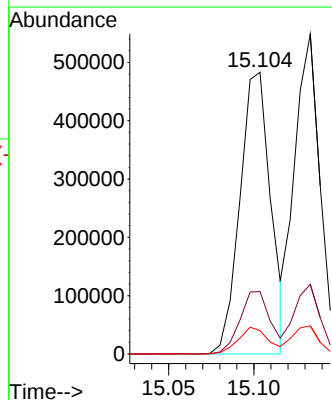
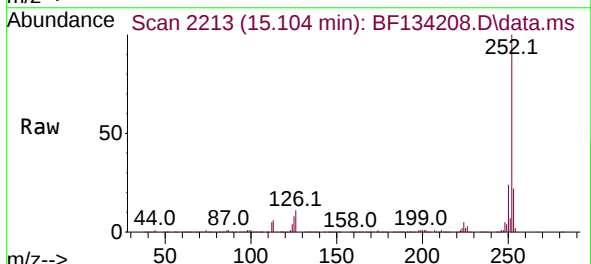
Instrument :
 BNA_F
 ClientSampleId :

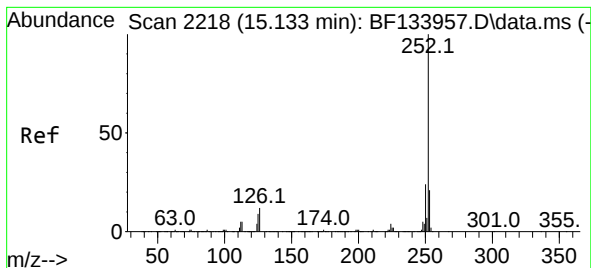
Tgt Ion:276 Resp: 696105
 Ion Ratio Lower Upper
 276 100
 138 22.0 18.7 28.1
 277 25.2 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 42.981 ng
 RT: 15.104 min Scan# 2213
 Delta R.T. -0.000 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

Tgt Ion:252 Resp: 607703
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.0
 125 8.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 40.440 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

Instrument :

BNA_F

ClientSampleId :

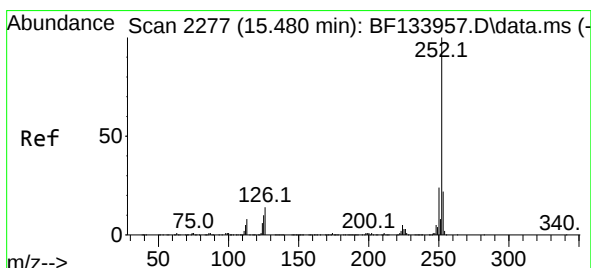
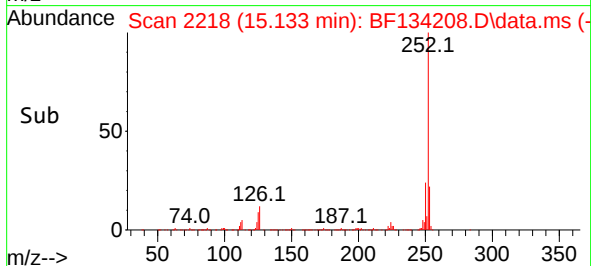
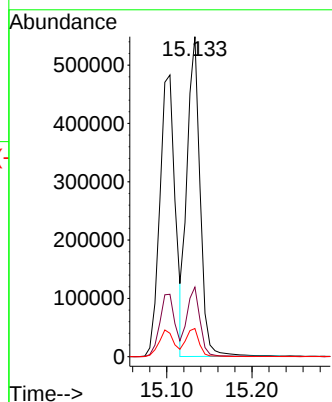
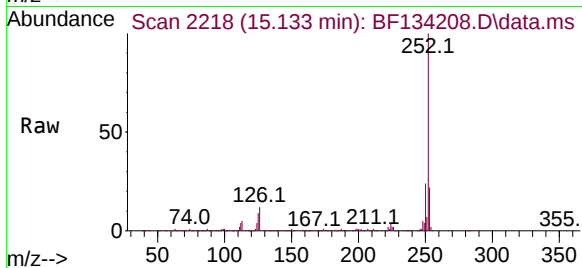
Tgt Ion:252 Resp: 582161

Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

125 8.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.443 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.000 min

Lab File: BF134208.D

Acq: 11 Jul 2023 11:48

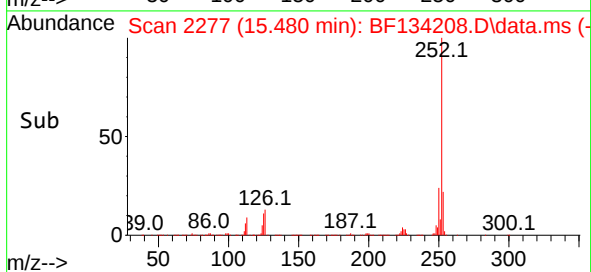
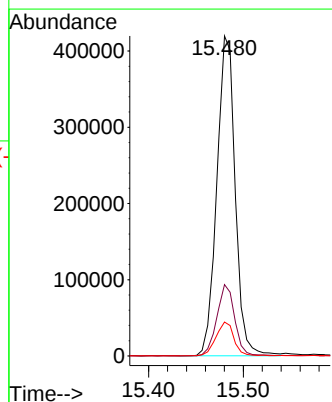
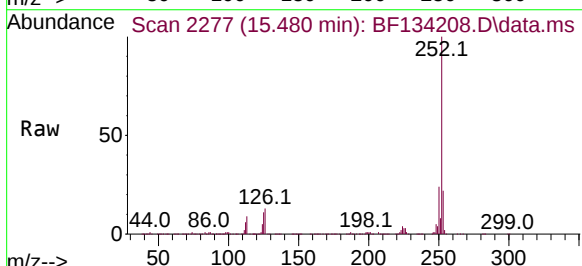
Tgt Ion:252 Resp: 566626

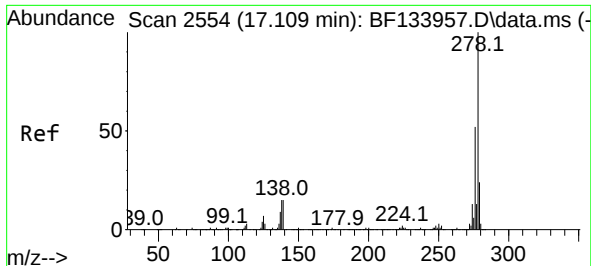
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.6 8.4 12.6

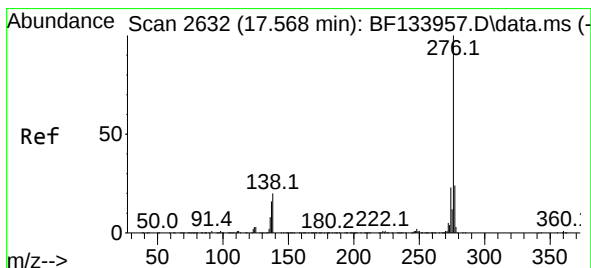
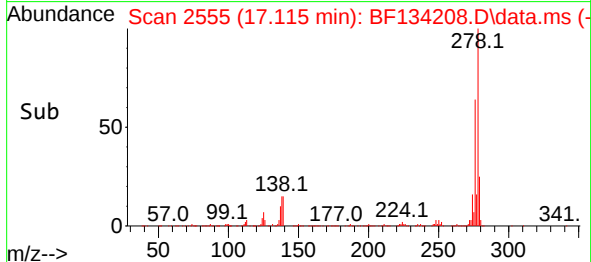
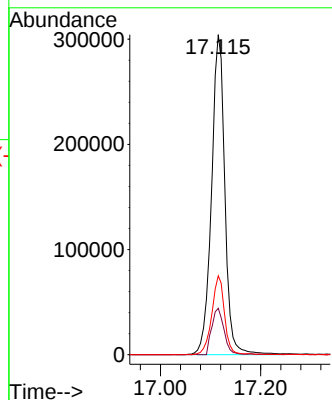
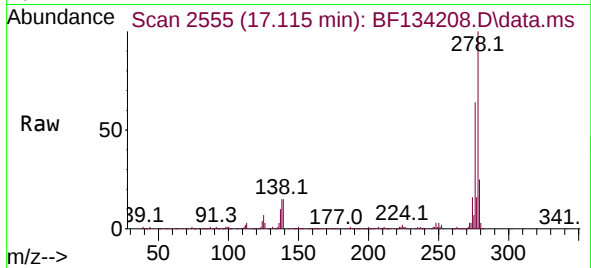




#91
 Dibenzo(a,h)anthracene
 Concen: 41.261 ng
 RT: 17.115 min Scan# 2555
 Delta R.T. -0.000 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 562325
 Ion Ratio Lower Upper
 278 100
 139 14.5 12.2 18.4
 279 24.7 19.4 29.2



#92
 Benzo(g,h,i)perylene
 Concen: 44.733 ng
 RT: 17.568 min Scan# 2632
 Delta R.T. -0.000 min
 Lab File: BF134208.D
 Acq: 11 Jul 2023 11:48

Tgt Ion:276 Resp: 628680
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.6
 138 19.8 16.2 24.2

