

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140539.D
 Acq On : 21 Nov 2024 16:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 21 17:17:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106707	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	411509	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	234805	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	433198	20.000	ng	0.00
76) Chrysene-d12	14.051	240	229401	20.000	ng	0.00
86) Perylene-d12	15.539	264	204401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	494019	78.992	ng	0.00
7) Phenol-d6	6.516	99	664030	80.313	ng	0.00
23) Nitrobenzene-d5	7.440	82	637619	79.256	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	196904	78.409	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1221993	77.541	ng	0.00
79) Terphenyl-d14	12.986	244	1200567	81.492	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	100710	38.300	ng	100
3) Pyridine	3.410	79	255881	44.228	ng	98
4) n-Nitrosodimethylamine	3.375	42	136528	40.151	ng	99
6) Aniline	6.540	93	276326	47.483	ng	92
8) 2-Chlorophenol	6.663	128	266553	39.616	ng	99
9) Benzaldehyde	6.428	77	163526	37.361	ng	99
10) Phenol	6.528	94	344359	40.783	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	258767	40.048	ng	99
12) 1,3-Dichlorobenzene	6.816	146	297490	39.349	ng	99
13) 1,4-Dichlorobenzene	6.893	146	295726	38.631	ng	99
14) 1,2-Dichlorobenzene	7.045	146	280451	39.097	ng	99
15) Benzyl Alcohol	7.016	79	254571	41.519	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	309539	40.551	ng	94
17) 2-Methylphenol	7.134	107	218551	40.577	ng	99
18) Hexachloroethane	7.381	117	113372	39.653	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	203944	41.737	ng	99
20) 3+4-Methylphenols	7.287	107	287386	41.512	ng	98
22) Acetophenone	7.287	105	391707	39.044	ng	99
24) Nitrobenzene	7.457	77	328924	39.559	ng	100
25) Isophorone	7.692	82	540659	40.292	ng	99
26) 2-Nitrophenol	7.775	139	149777	40.648	ng	98
27) 2,4-Dimethylphenol	7.810	122	174131	39.497	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	331055	40.498	ng	99
29) 2,4-Dichlorophenol	8.016	162	234150	40.081	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	260757	39.093	ng	100
31) Naphthalene	8.181	128	827649	39.047	ng	99
32) Benzoic acid	7.940	122	143496	38.990	ng	98
33) 4-Chloroaniline	8.228	127	281571	44.368	ng	99
34) Hexachlorobutadiene	8.292	225	175267	39.671	ng	99
35) Caprolactam	8.604	113	71907	39.774	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	266539	40.750	ng	99
37) 2-Methylnaphthalene	8.869	142	543169	40.345	ng	100
38) 1-Methylnaphthalene	8.969	142	527506	39.973	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	269183	39.160	ng	100
41) Hexachlorocyclopentadiene	9.016	237	52904	38.411	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	170801	39.599	ng	99

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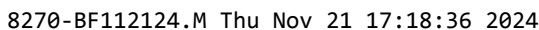
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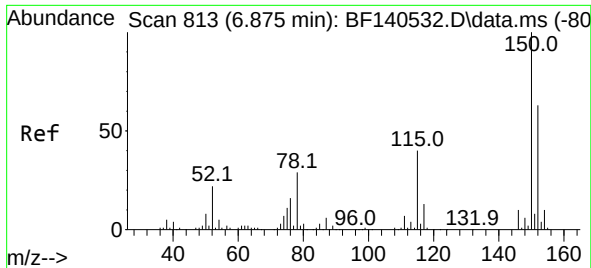
Quant Time: Nov 21 17:17:28 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	189761	40.537	ng	98
46) 1,1'-Biphenyl	9.334	154	680681	38.828	ng	100
47) 2-Chloronaphthalene	9.357	162	518275	39.017	ng	100
48) 2-Nitroaniline	9.457	65	170700	40.035	ng	100
49) Acenaphthylene	9.775	152	784313	39.078	ng	99
50) Dimethylphthalate	9.634	163	602216	38.943	ng	100
51) 2,6-Dinitrotoluene	9.698	165	138359	39.450	ng	99
52) Acenaphthene	9.945	154	530894	41.630	ng	99
53) 3-Nitroaniline	9.869	138	139591	40.695	ng	100
54) 2,4-Dinitrophenol	9.981	184	56887	36.079	ng	99
55) Dibenzofuran	10.116	168	744040	38.251	ng	98
56) 4-Nitrophenol	10.039	139	92459	39.523	ng	100
57) 2,4-Dinitrotoluene	10.104	165	186272	39.963	ng	98
58) Fluorene	10.463	166	600980	38.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	149963	41.683	ng	97
60) Diethylphthalate	10.334	149	617727	39.316	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	301095	39.295	ng	99
62) 4-Nitroaniline	10.486	138	142019	39.476	ng	99
63) Azobenzene	10.610	77	581247	39.065	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	91723	41.435	ng	98
66) n-Nitrosodiphenylamine	10.575	169	503313	39.288	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	178577	40.028	ng	97
68) Hexachlorobenzene	11.010	284	204574	39.602	ng	97
69) Atrazine	11.098	200	122529	33.999	ng	98
70) Pentachlorophenol	11.210	266	95191	41.869	ng	100
71) Phenanthrene	11.428	178	797226	38.285	ng	100
72) Anthracene	11.480	178	790118	38.790	ng	99
73) Carbazole	11.633	167	751892	38.371	ng	100
74) Di-n-butylphthalate	11.957	149	901629	39.855	ng	100
75) Fluoranthene	12.616	202	858783	37.984	ng	99
77) Benzidine	12.739	184	312946	46.921	ng	99
78) Pyrene	12.851	202	853393	40.234	ng	99
80) Butylbenzylphthalate	13.457	149	316818	41.463	ng	96
81) Benzo(a)anthracene	14.039	228	595609	39.222	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	183754	40.304	ng	98
83) Chrysene	14.074	228	536182	38.615	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	389023	40.320	ng	99
85) Di-n-octyl phthalate	14.639	149	521198	39.527	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	547676	41.115	ng	99
88) Benzo(b)fluoranthene	15.104	252	468137	36.463	ng	99
89) Benzo(k)fluoranthene	15.133	252	461600	41.086	ng	100
90) Benzo(a)pyrene	15.480	252	419613	40.197	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	453589	41.579	ng	99
92) Benzo(g,h,i)perylene	17.509	276	452415	40.641	ng	99

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

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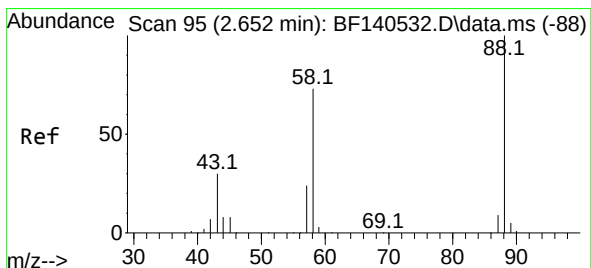
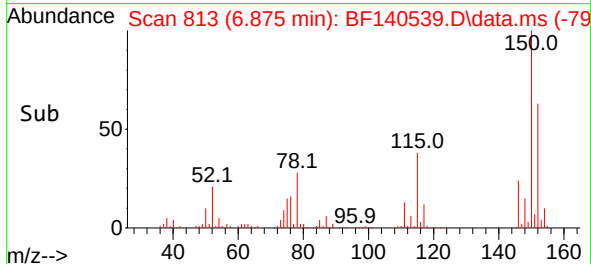
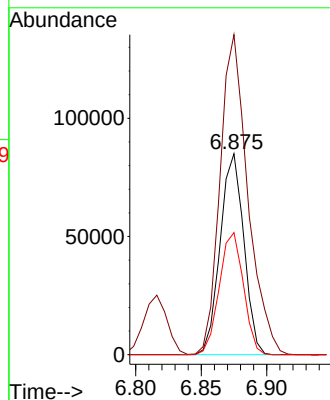
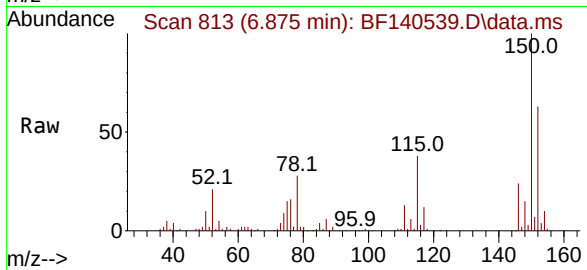




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140539.D
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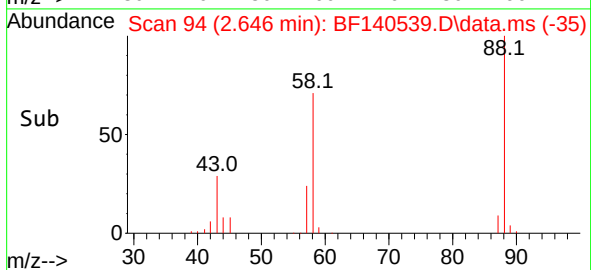
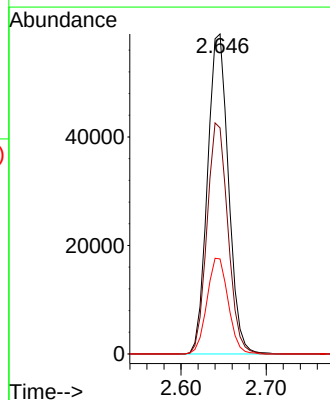
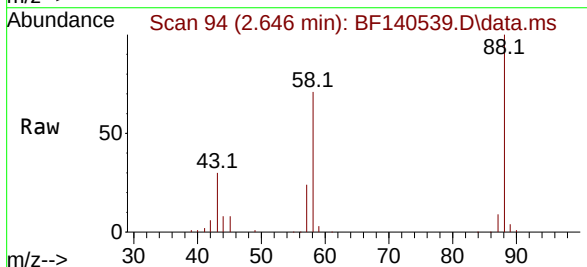
Instrument :
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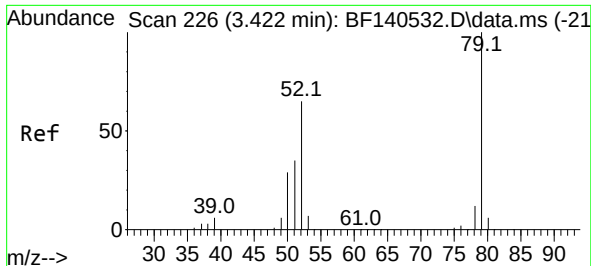
Tgt Ion:152 Resp: 106707
 Ion Ratio Lower Upper
 152 100
 150 159.2 128.5 192.7
 115 60.8 50.2 75.4



#2
 1,4-Dioxane
 Concen: 38.300 ng
 RT: 2.646 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: BF140539.D
 Acq: 21 Nov 2024 16:54

Tgt Ion: 88 Resp: 100710
 Ion Ratio Lower Upper
 88 100
 58 72.0 57.4 86.2
 43 30.3 24.3 36.5





#3

Pyridine

Concen: 44.228 ng

RT: 3.410 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

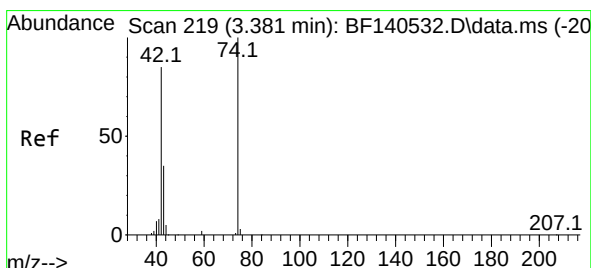
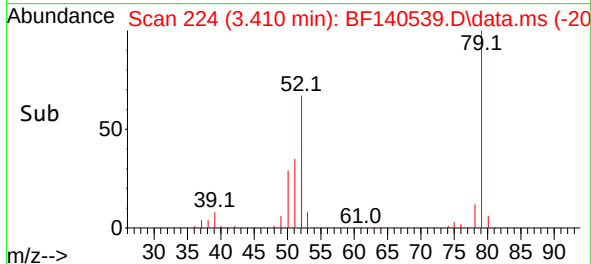
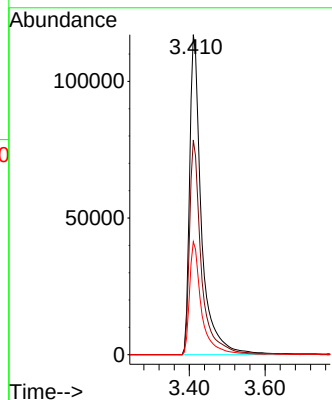
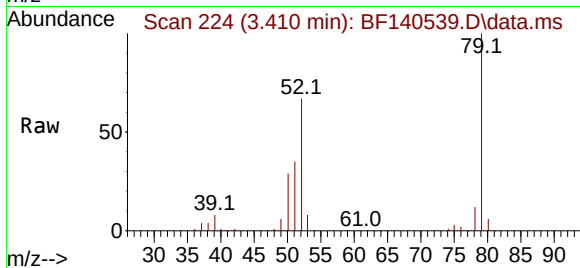
Tgt Ion: 79 Resp: 255881

Ion Ratio Lower Upper

79 100

52 67.1 52.1 78.1

51 35.3 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 40.151 ng

RT: 3.375 min Scan# 218

Delta R.T. -0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

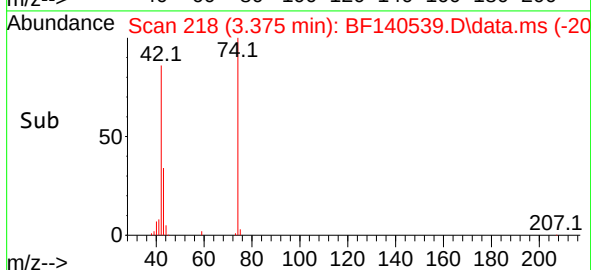
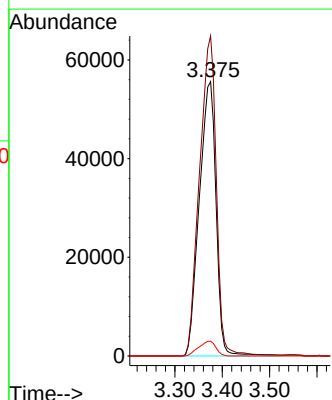
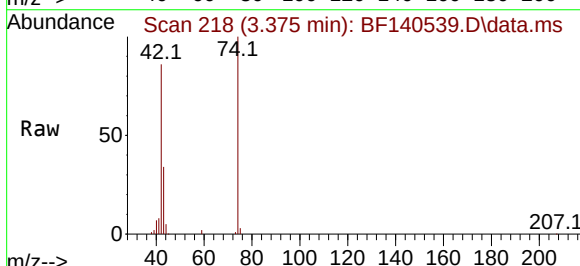
Tgt Ion: 42 Resp: 136528

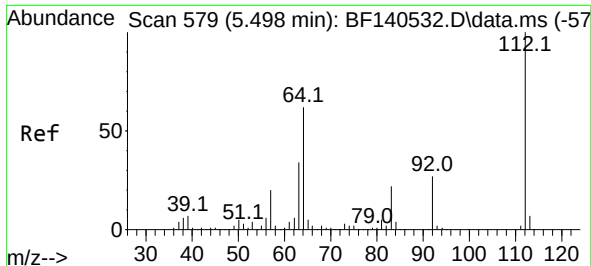
Ion Ratio Lower Upper

42 100

74 116.6 93.8 140.6

44 5.4 4.6 6.8

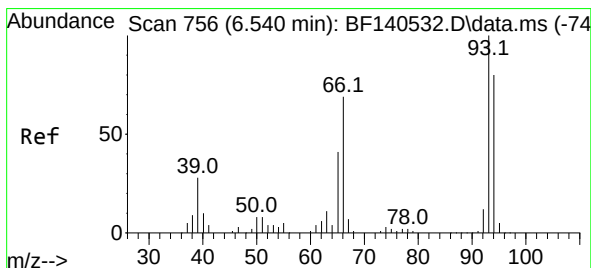
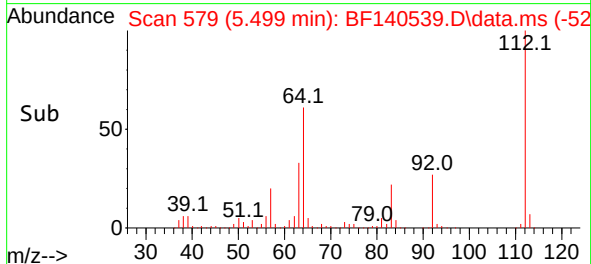
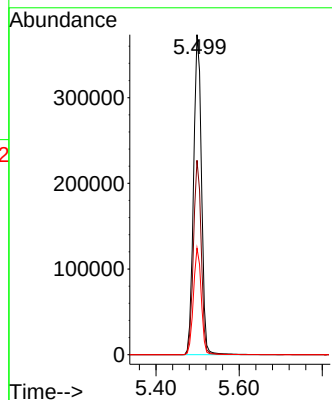
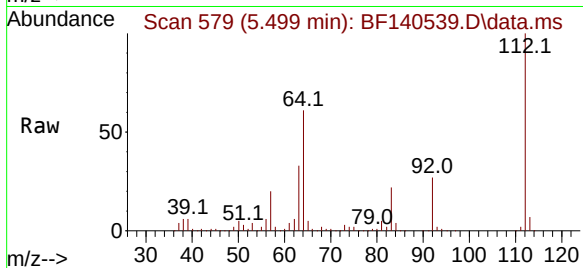




#5
2-Fluorophenol
Concen: 78.992 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

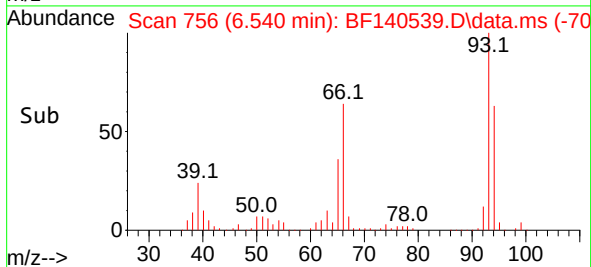
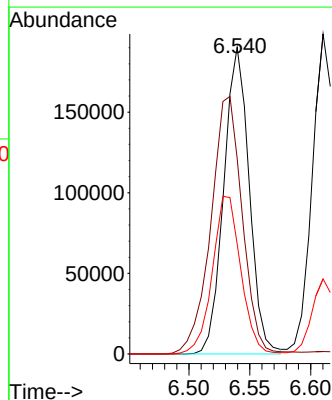
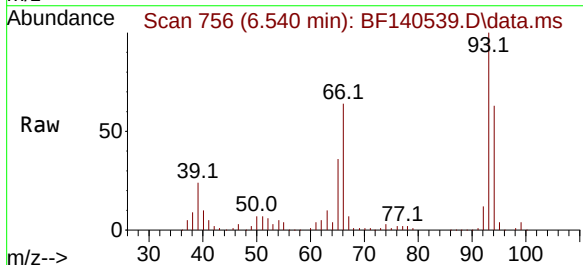
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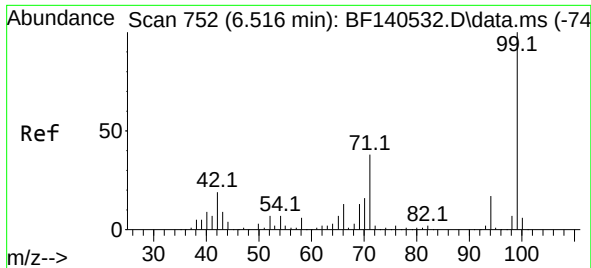
Tgt Ion:112 Resp: 494019
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 33.3 27.0 40.4



#6
Aniline
Concen: 47.483 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion: 93 Resp: 276326
Ion Ratio Lower Upper
93 100
66 63.8 56.5 84.7
65 35.9 32.9 49.3





#7

Phenol-d6

Concen: 80.313 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

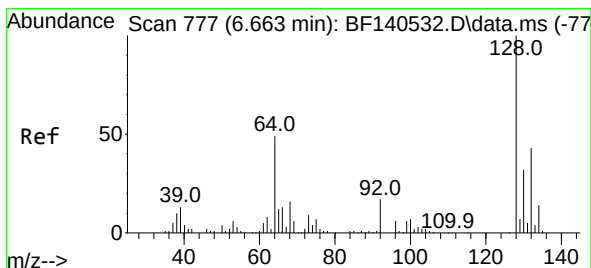
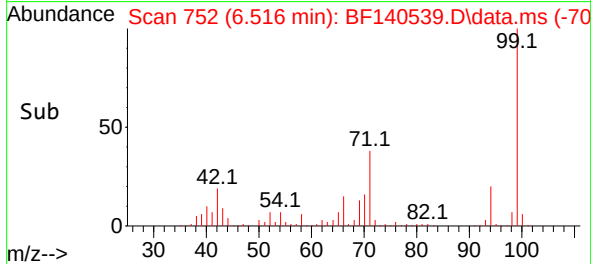
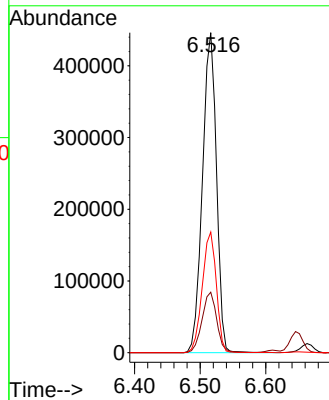
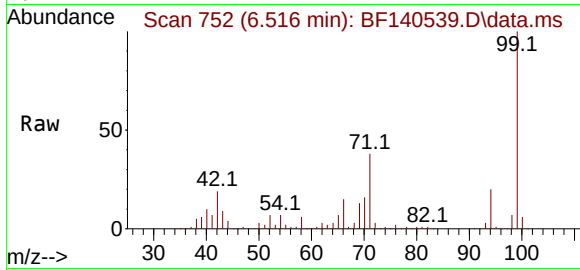
Tgt Ion: 99 Resp: 664030

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

71 37.7 30.6 46.0



#8

2-Chlorophenol

Concen: 39.616 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

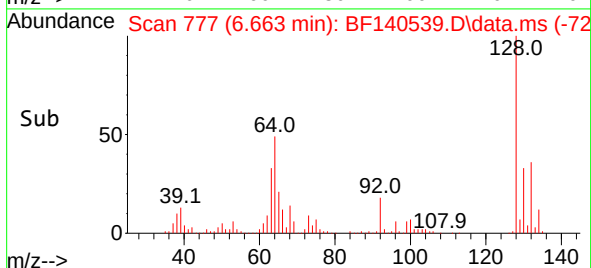
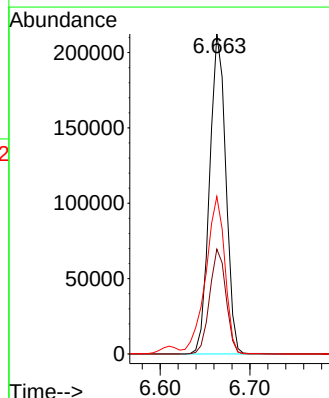
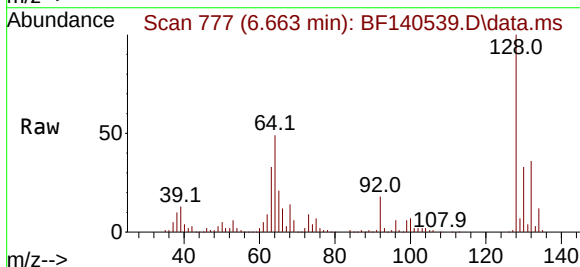
Tgt Ion:128 Resp: 266553

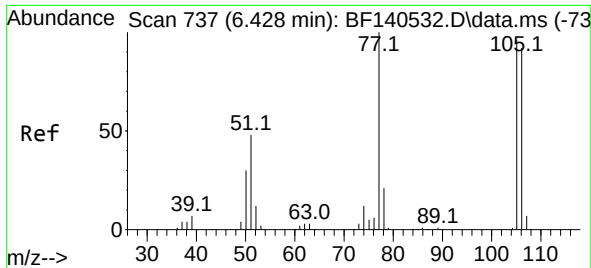
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 49.2 30.2 70.2





#9

Benzaldehyde

Concen: 37.361 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

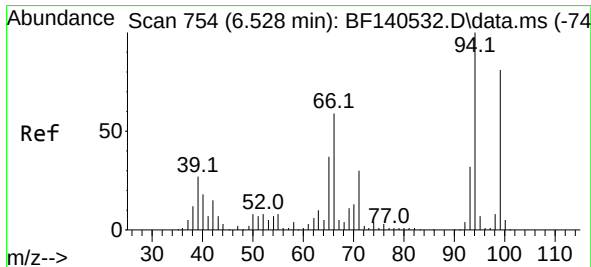
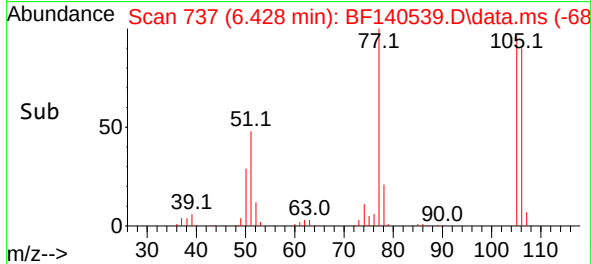
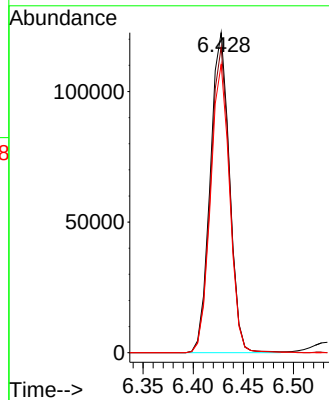
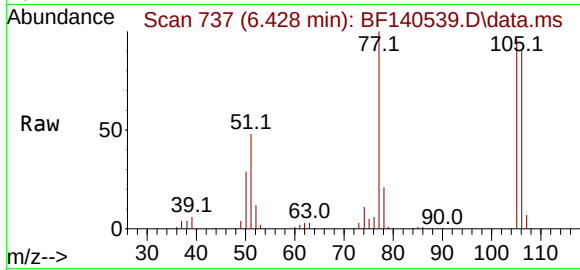
Tgt Ion: 77 Resp: 163526

Ion Ratio Lower Upper

77 100

105 95.5 75.6 115.6

106 90.1 72.0 112.0



#10

Phenol

Concen: 40.783 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

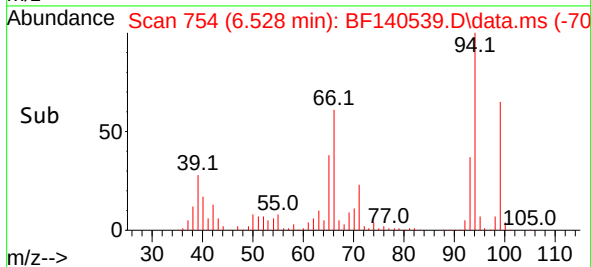
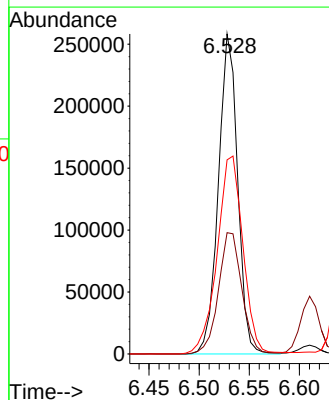
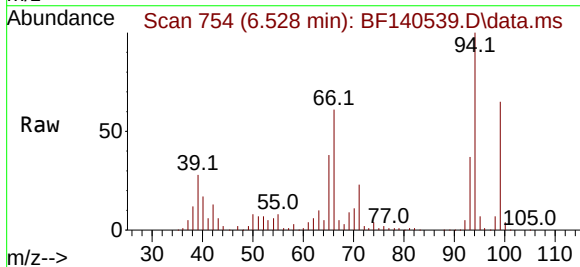
Tgt Ion: 94 Resp: 344359

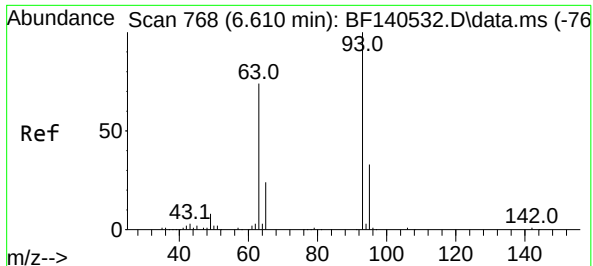
Ion Ratio Lower Upper

94 100

65 37.9 17.2 57.2

66 60.7 39.2 79.2

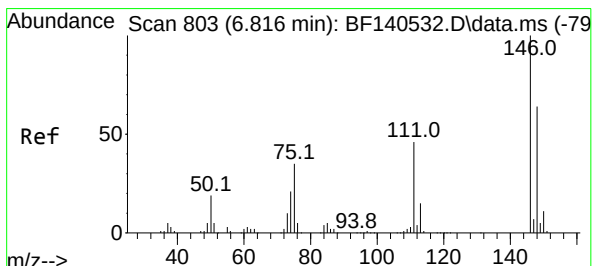
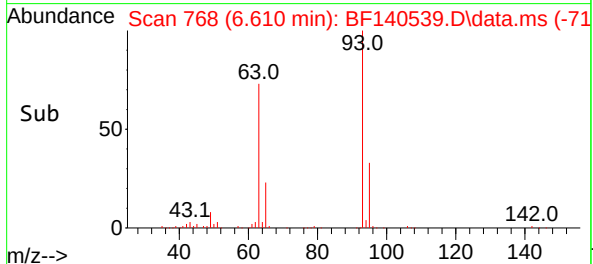
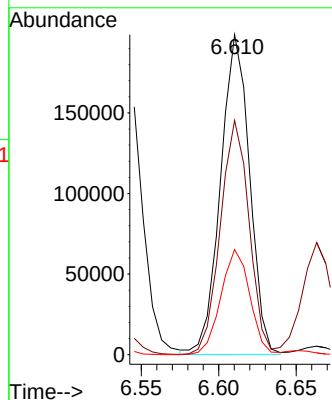
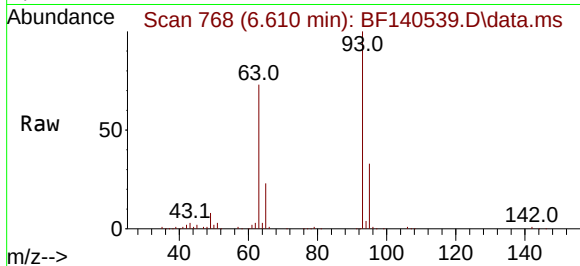




#11
bis(2-Chloroethyl)ether
Concen: 40.048 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

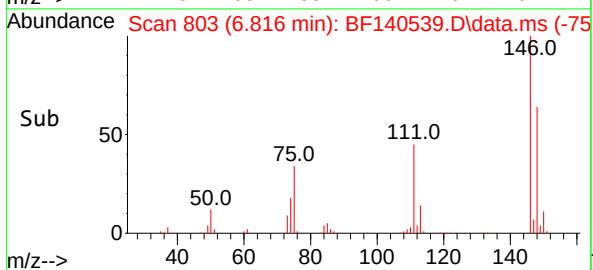
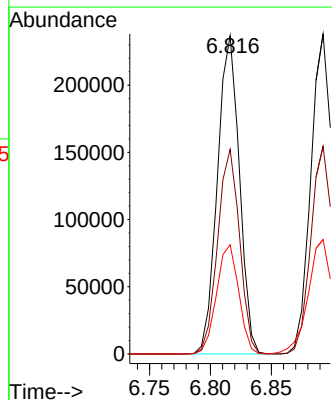
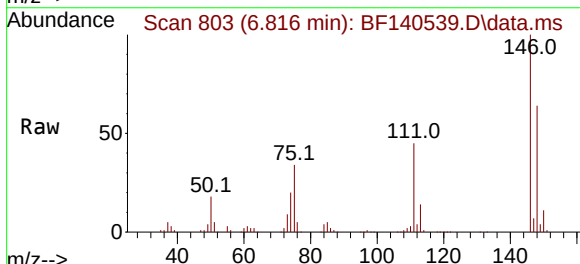
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

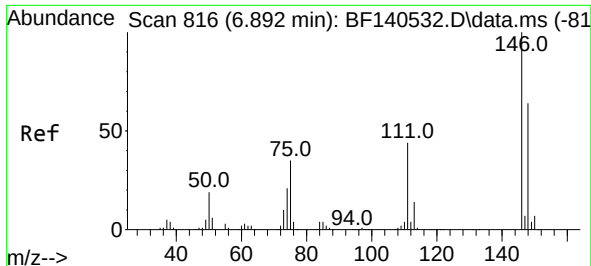
Tgt Ion: 93 Resp: 258767
Ion Ratio Lower Upper
93 100
63 73.2 52.8 92.8
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.349 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:146 Resp: 297490
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 34.3 28.2 42.2

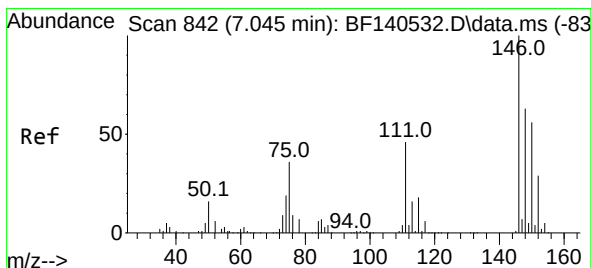
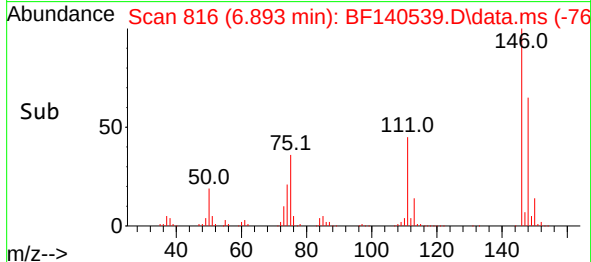
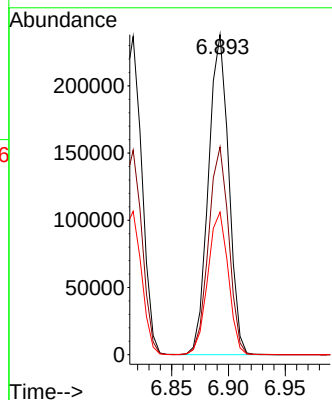
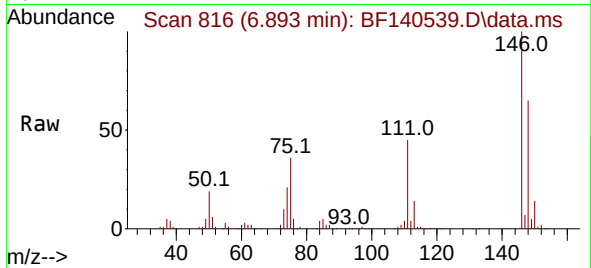




#13
1,4-Dichlorobenzene
Concen: 38.631 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

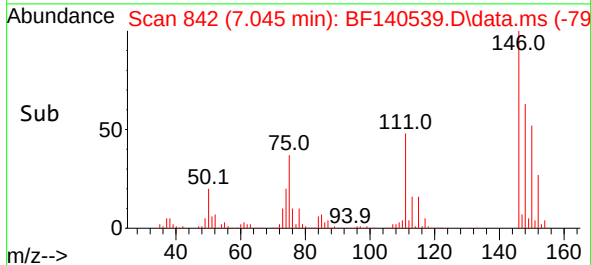
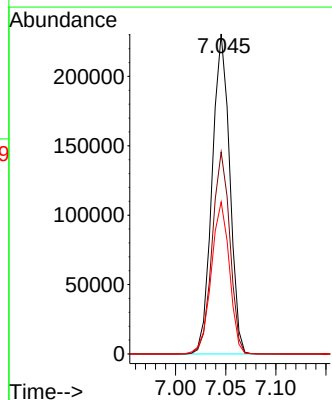
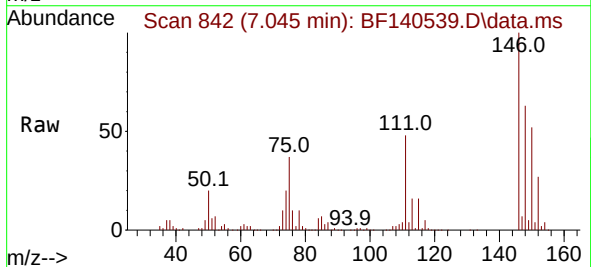
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

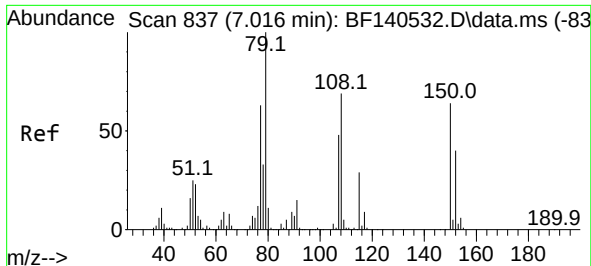
Tgt Ion:146 Resp: 295726
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 44.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 39.097 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:146 Resp: 280451
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 47.5 36.7 55.1

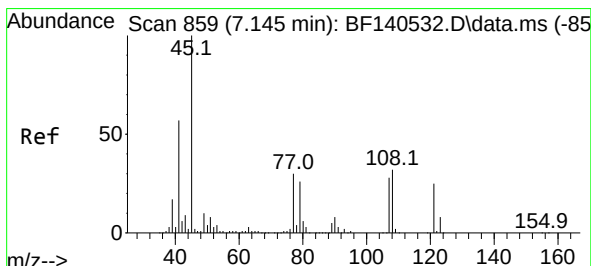
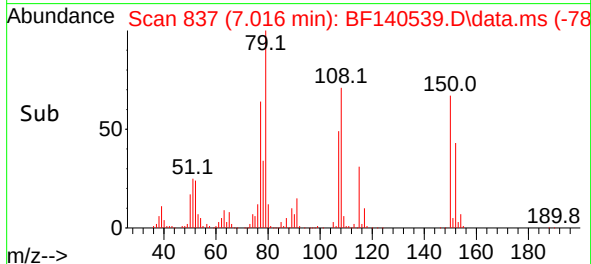
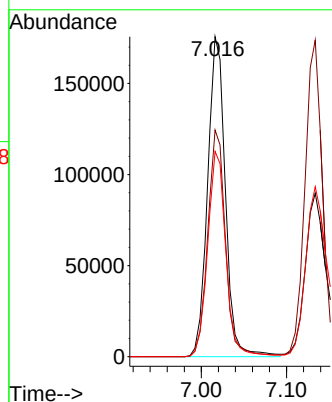
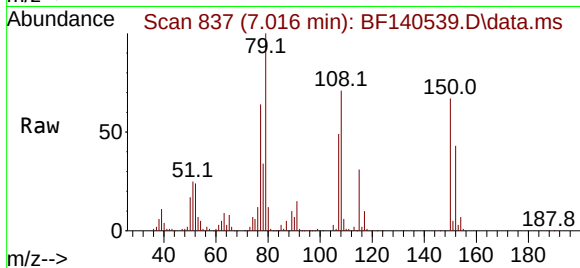




#15
Benzyl Alcohol
Concen: 41.519 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

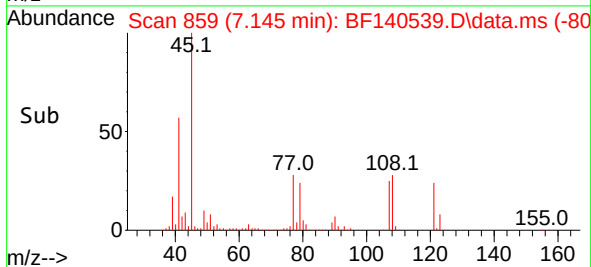
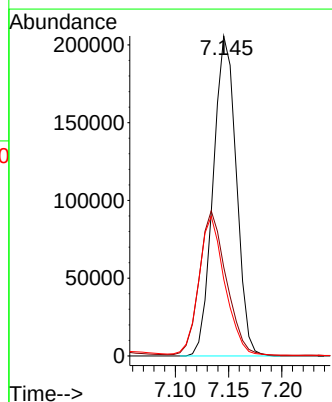
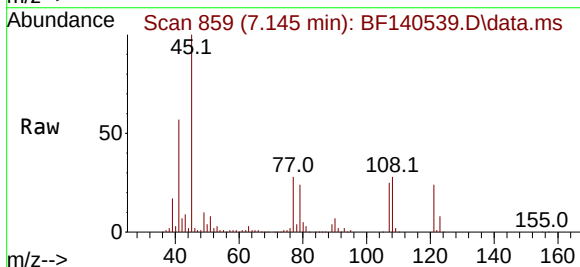
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

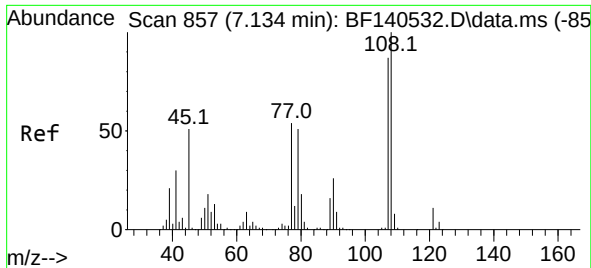
Tgt Ion: 79 Resp: 254571
Ion Ratio Lower Upper
79 100
108 70.8 55.0 82.6
77 64.1 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.551 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion: 45 Resp: 309539
Ion Ratio Lower Upper
45 100
77 27.8 10.7 50.7
79 24.0 7.0 47.0

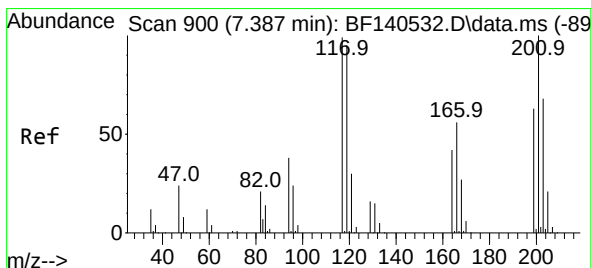
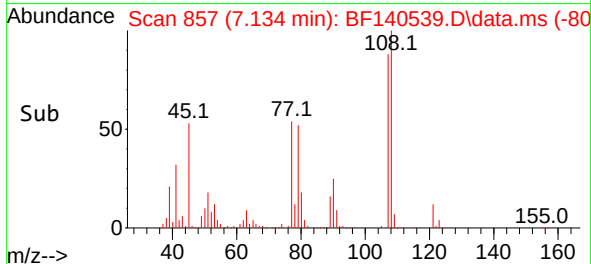
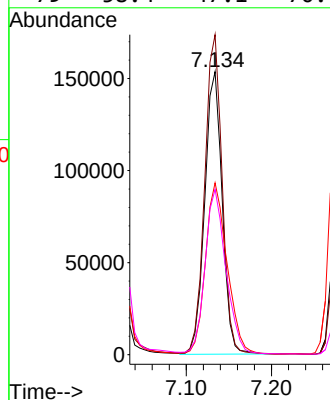
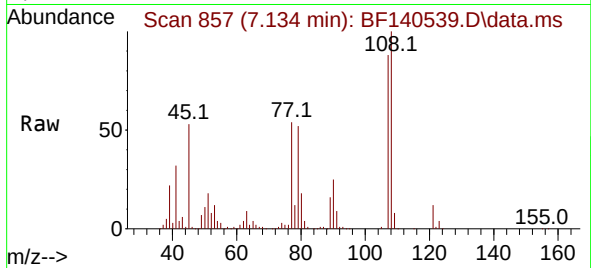




#17
2-Methylphenol
Concen: 40.577 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

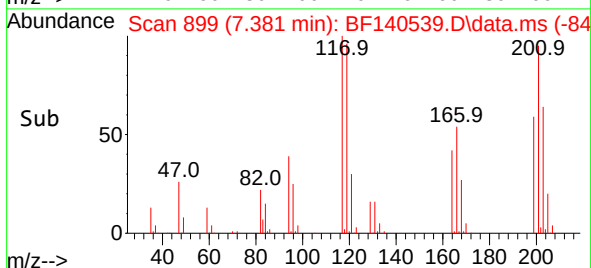
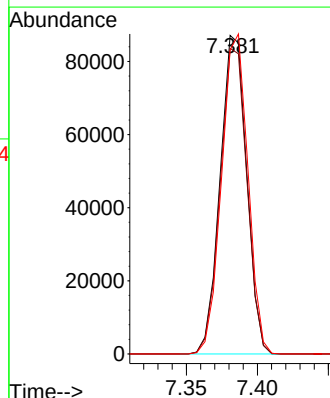
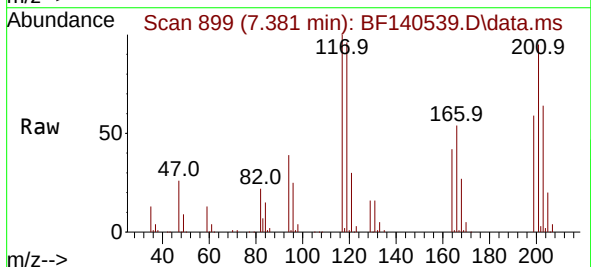
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

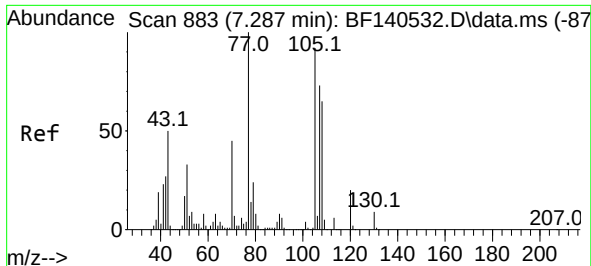
Tgt Ion:107 Resp: 218551
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 60.7 49.3 73.9
79 58.4 47.1 70.7



#18
Hexachloroethane
Concen: 39.653 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:117 Resp: 113372
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7
201 95.4 81.1 121.7



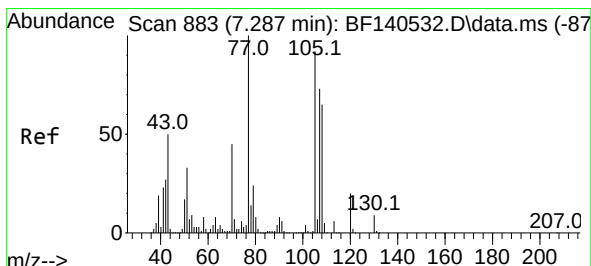
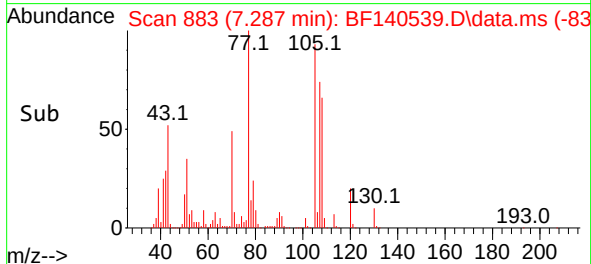
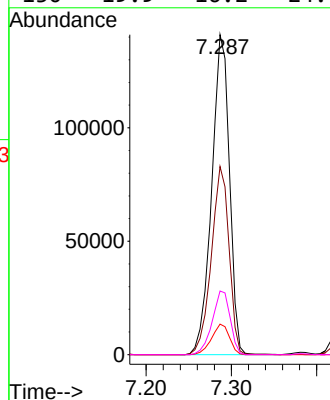
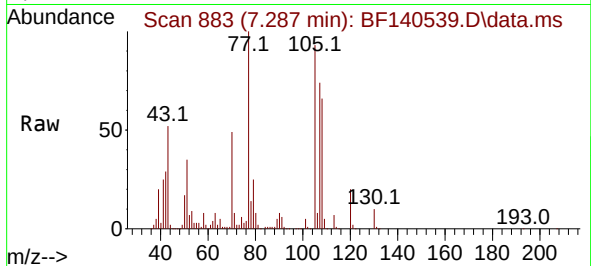


#19
n-Nitroso-di-n-propylamine
Concen: 41.737 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 203944

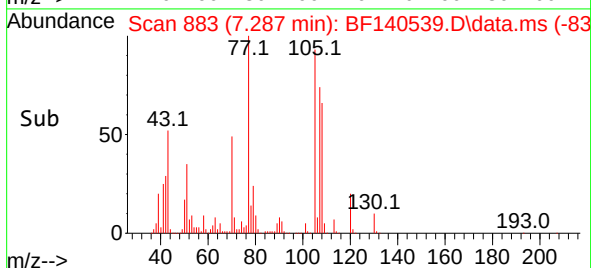
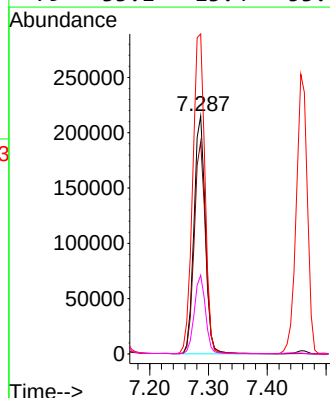
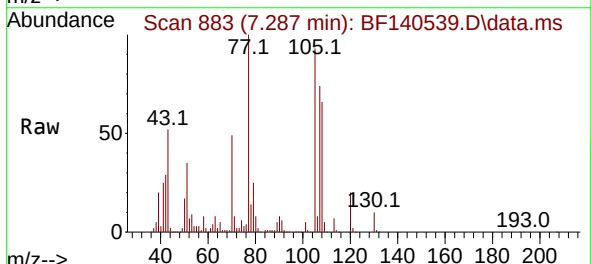
Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.6	71.4
101	9.6	7.6	11.4
130	19.9	16.2	24.4

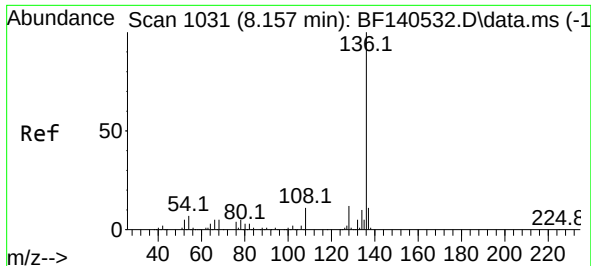


#20
3+4-Methylphenols
Concen: 41.512 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion: 107 Resp: 287386

Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.9	109.9
77	134.5	117.7	157.7
79	33.1	13.4	53.4



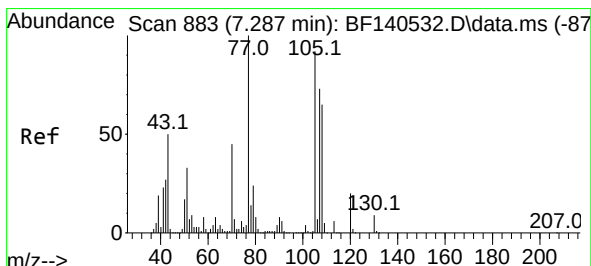
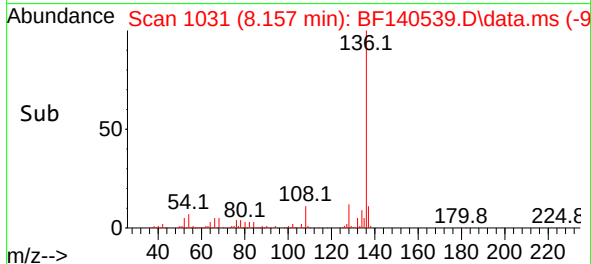
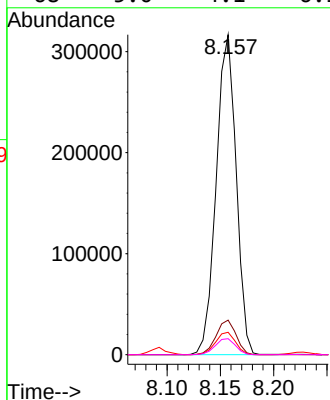
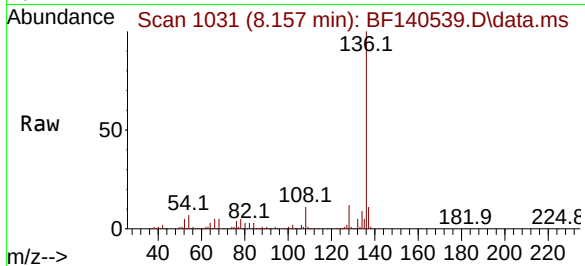


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 411509

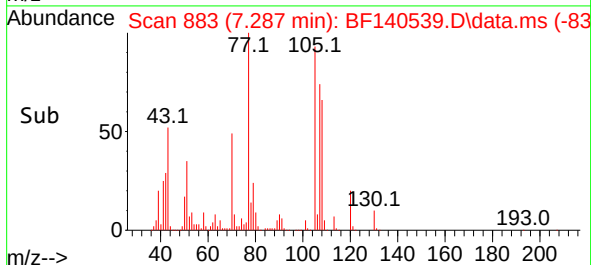
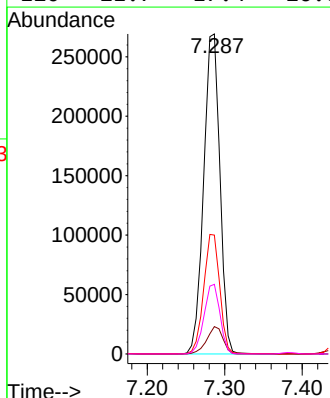
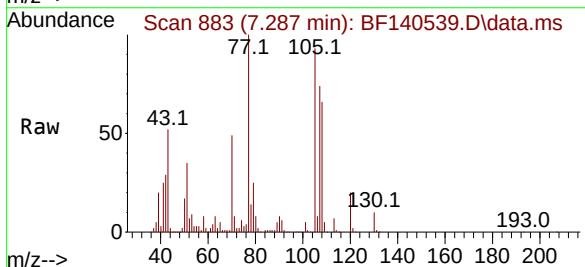
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.0	5.8	8.8
68	5.0	4.1	6.1

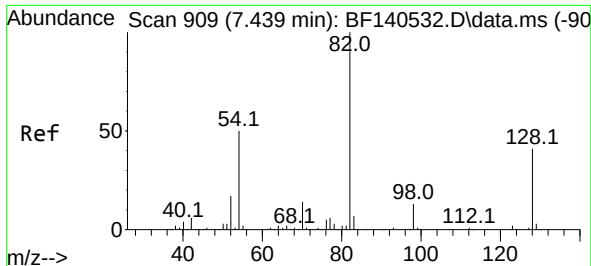


#22
Acetophenone
Concen: 39.044 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:105 Resp: 391707

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.2	9.2
51	37.1	29.0	43.6
120	21.7	17.4	26.0

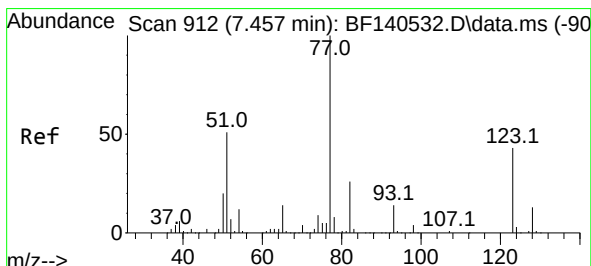
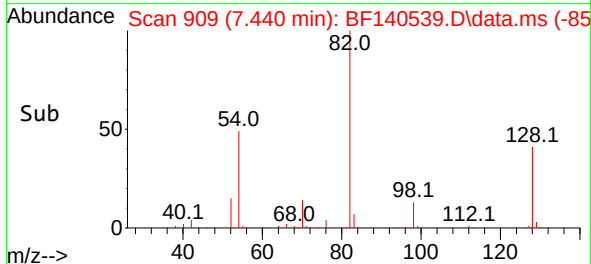
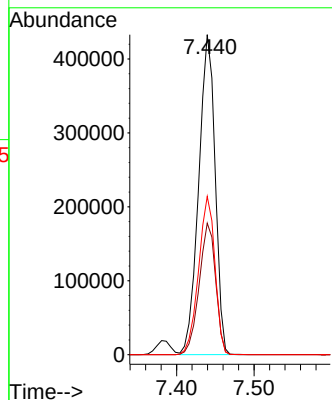
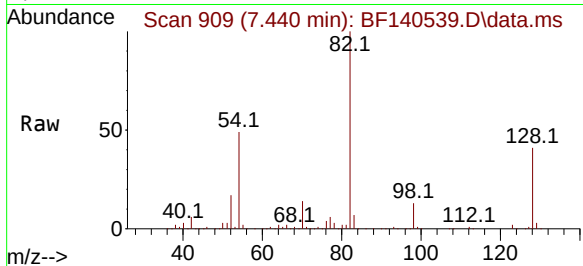




#23
Nitrobenzene-d5
Concen: 79.256 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

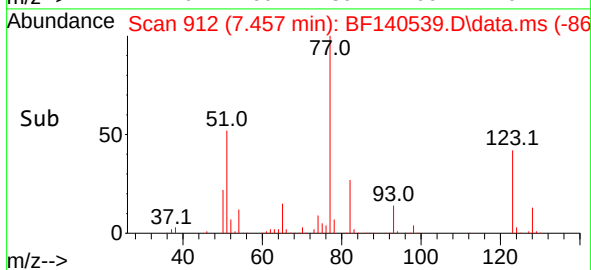
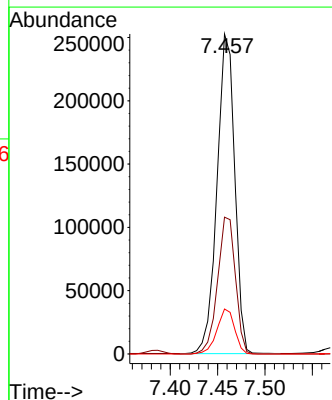
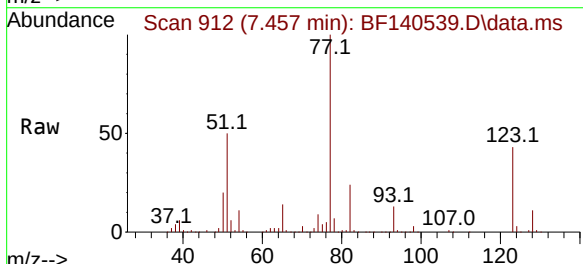
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

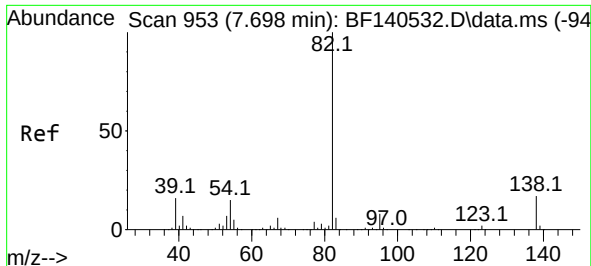
Tgt Ion: 82 Resp: 637619
Ion Ratio Lower Upper
82 100
128 41.1 33.0 49.4
54 49.5 39.5 59.3



#24
Nitrobenzene
Concen: 39.559 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion: 77 Resp: 328924
Ion Ratio Lower Upper
77 100
123 42.7 34.3 51.5
65 14.1 11.2 16.8

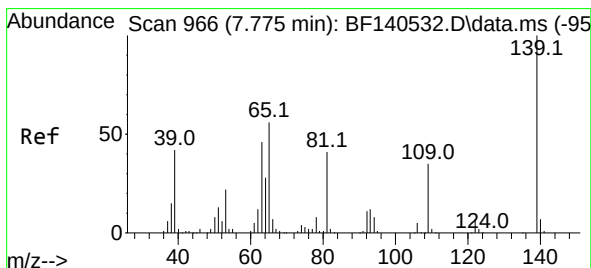
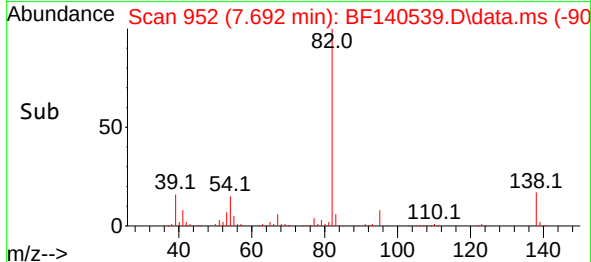
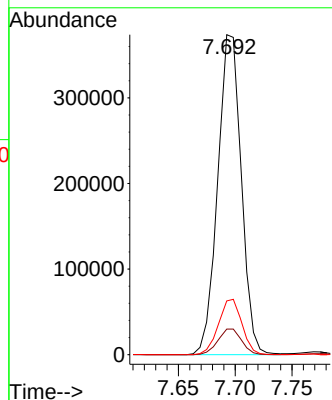
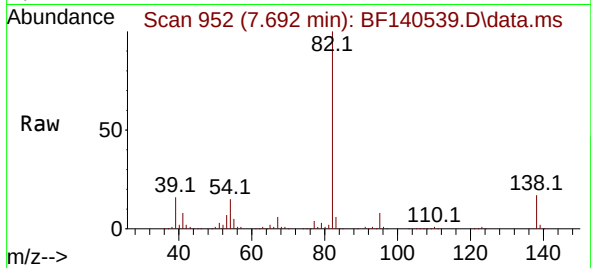




#25
Isophorone
Concen: 40.292 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

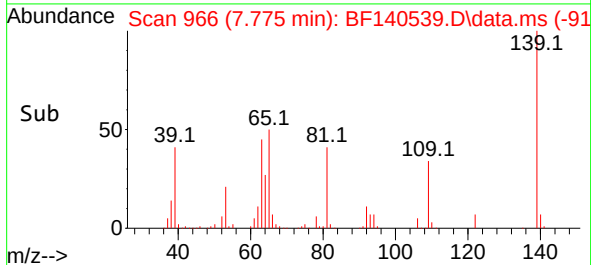
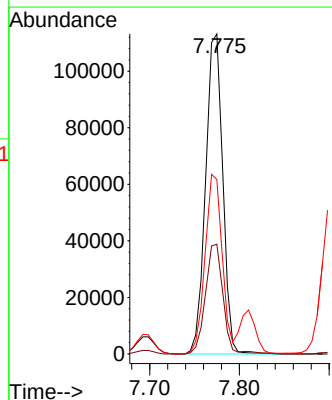
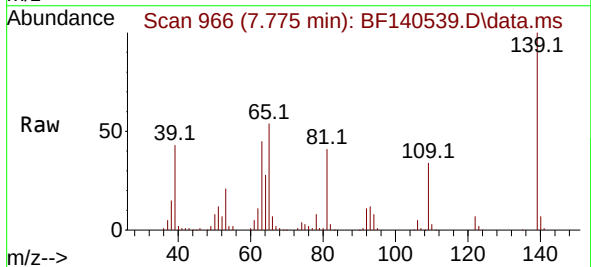
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

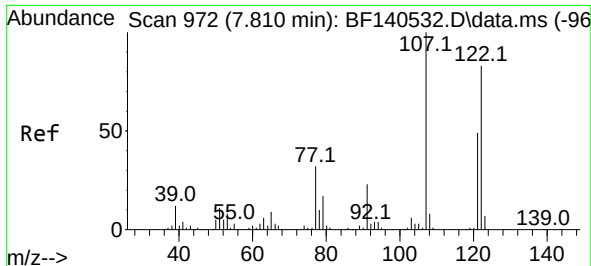
Tgt Ion: 82 Resp: 540659
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 16.8 13.8 20.6



#26
2-Nitrophenol
Concen: 40.648 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:139 Resp: 149777
Ion Ratio Lower Upper
139 100
109 34.3 28.0 42.0
65 54.5 44.6 67.0

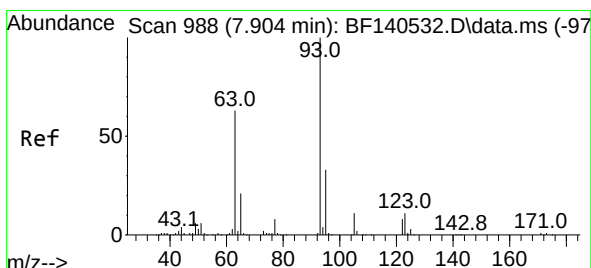
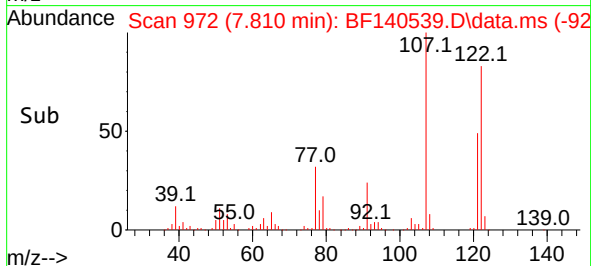
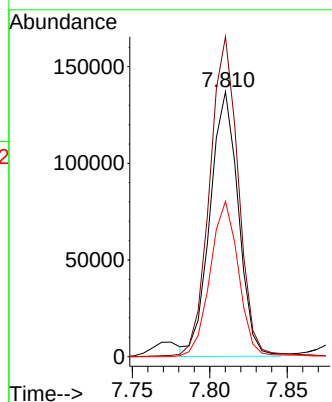
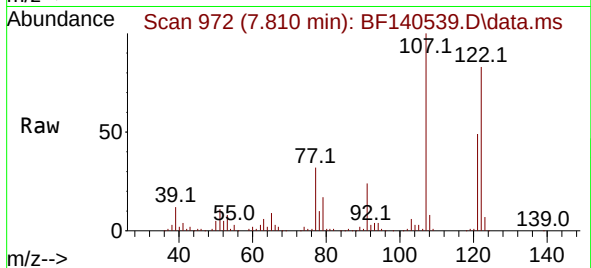




#27
2,4-Dimethylphenol
Concen: 39.497 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

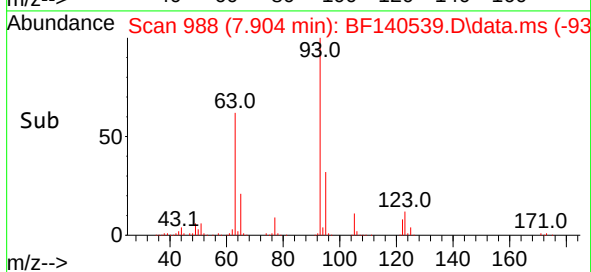
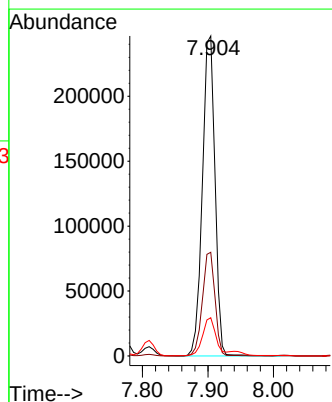
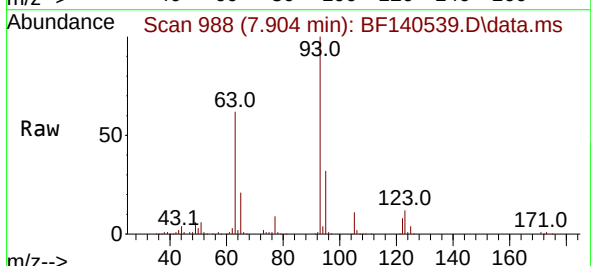
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

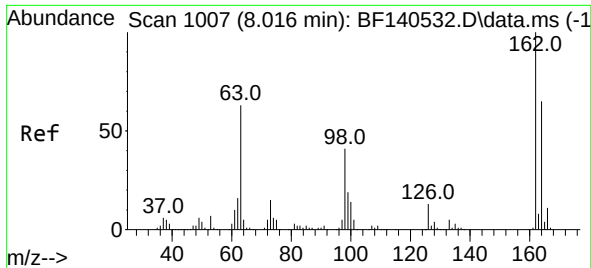
Tgt Ion:122 Resp: 174131
Ion Ratio Lower Upper
122 100
107 120.7 96.8 145.2
121 58.6 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.498 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion: 93 Resp: 331055
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.081 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

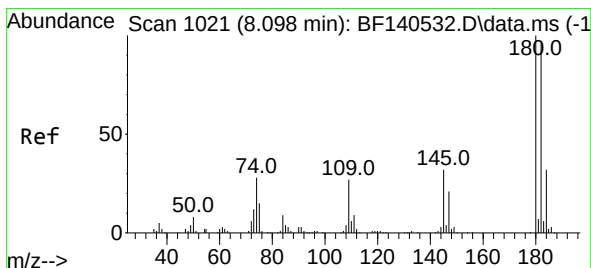
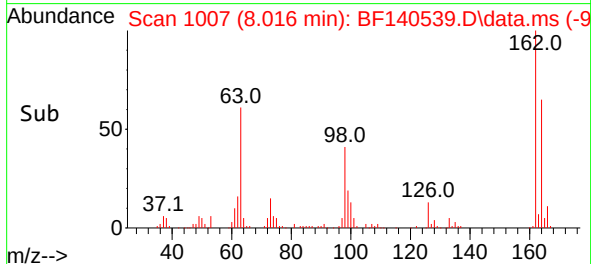
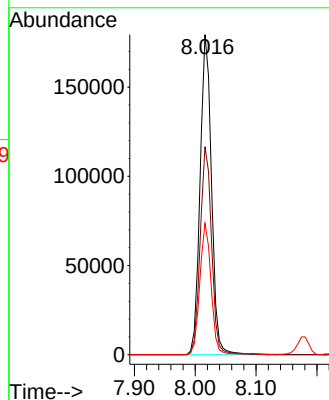
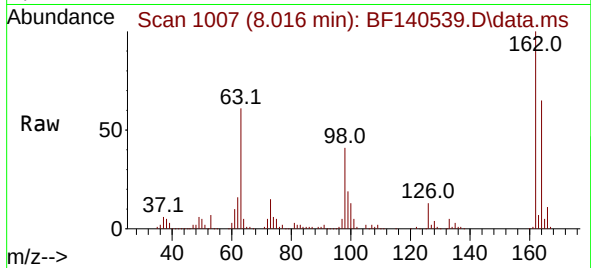
Tgt Ion:162 Resp: 234150

Ion Ratio Lower Upper

162 100

164 65.0 44.8 84.8

98 41.1 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 39.093 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

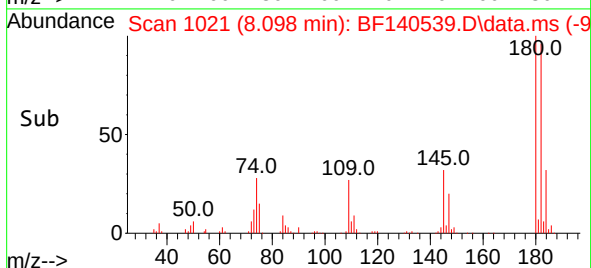
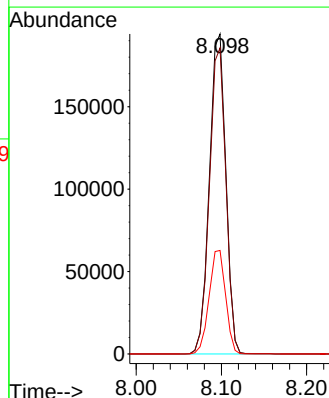
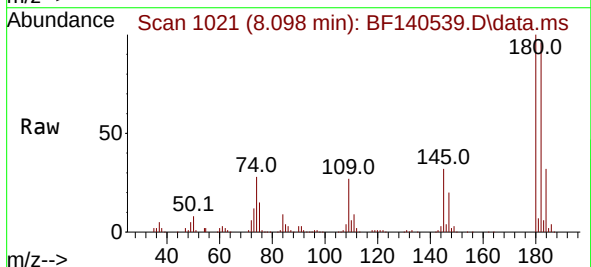
Tgt Ion:180 Resp: 260757

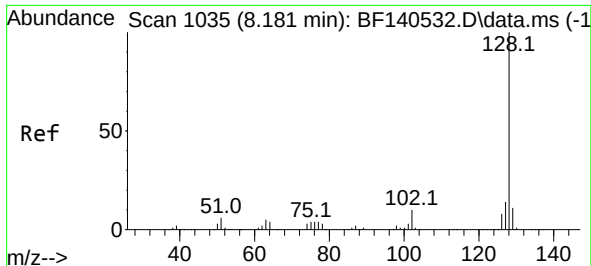
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 32.3 25.9 38.9

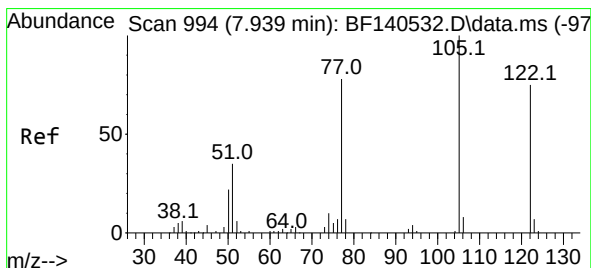
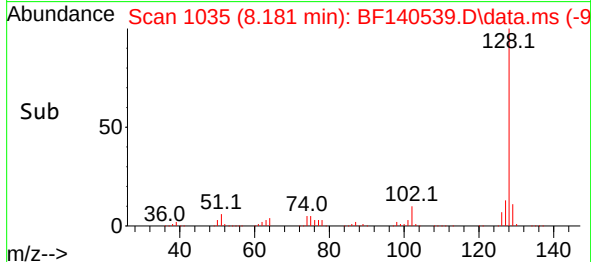
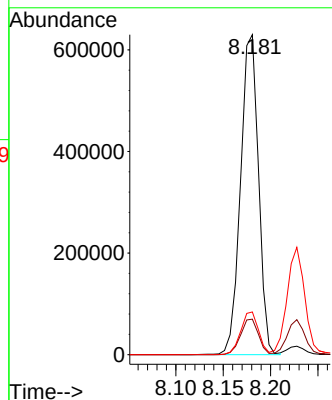
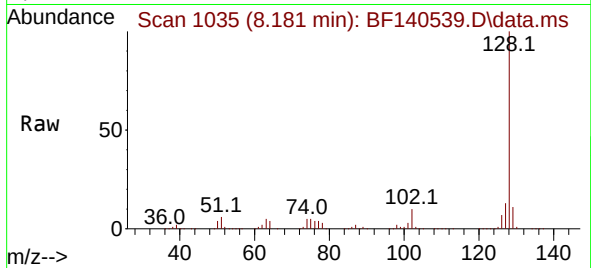




#31
Naphthalene
Concen: 39.047 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

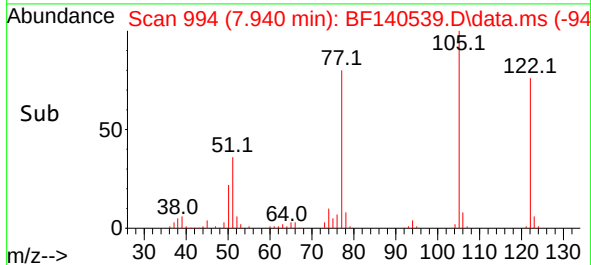
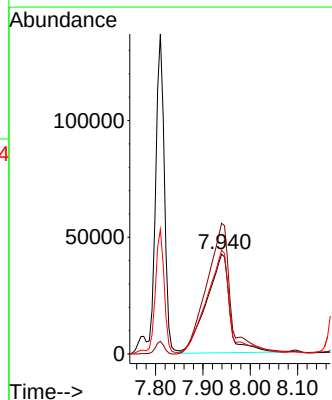
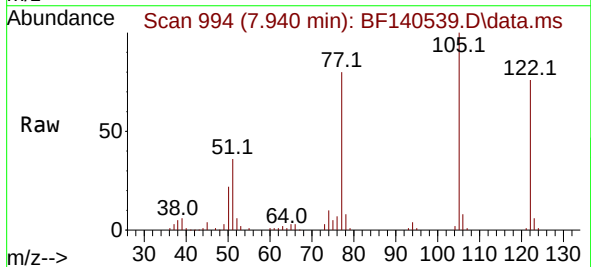
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

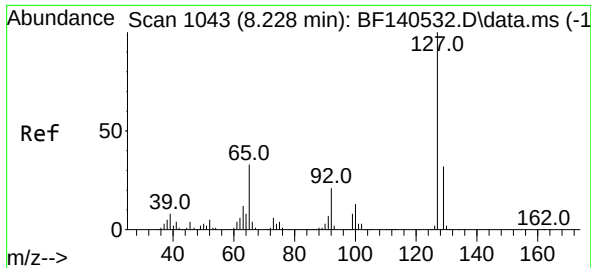
Tgt Ion:128 Resp: 827649
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 38.990 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.001 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:122 Resp: 143496
Ion Ratio Lower Upper
122 100
105 131.0 109.3 149.3
77 104.3 82.3 122.3

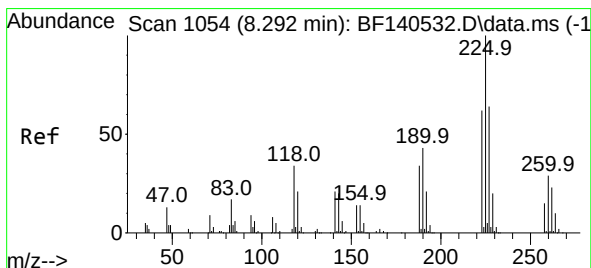
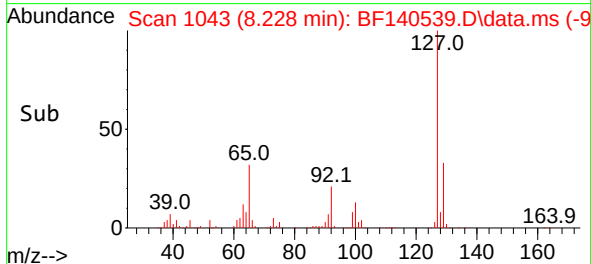
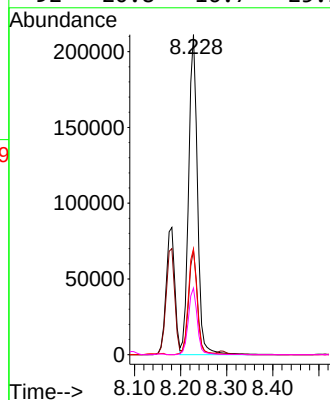
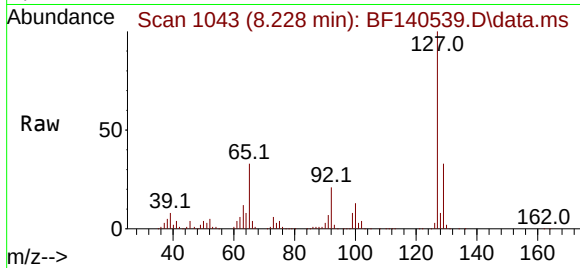




#33
4-Chloroaniline
Concen: 44.368 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

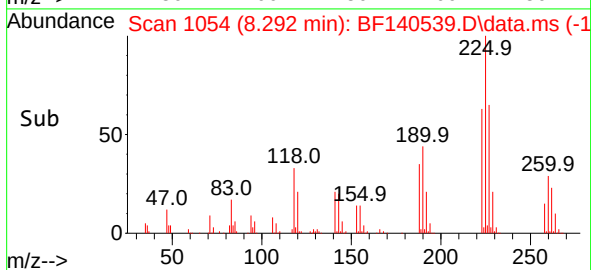
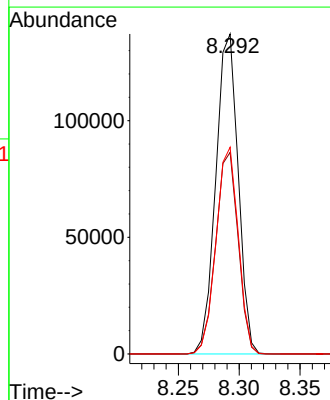
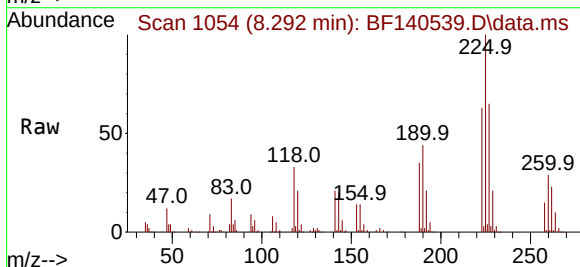
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

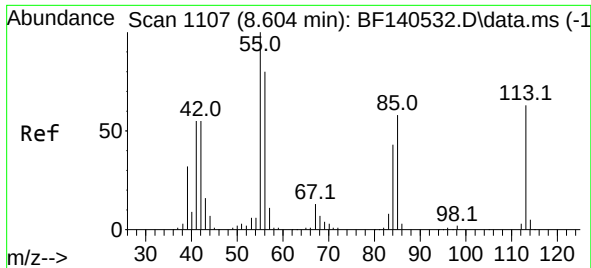
Tgt Ion:	127	Resp:	281571
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	33.0	26.0	39.0
92	20.8	16.7	25.1



#34
Hexachlorobutadiene
Concen: 39.671 ng
RT: 8.292 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:	225	Resp:	175267
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	64.6	51.3	76.9

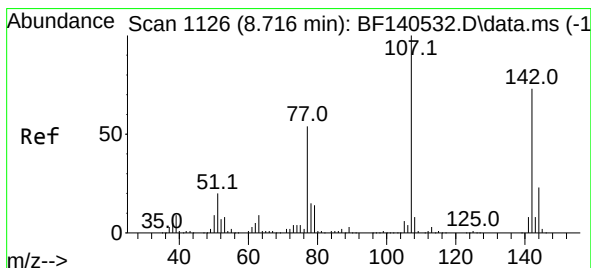
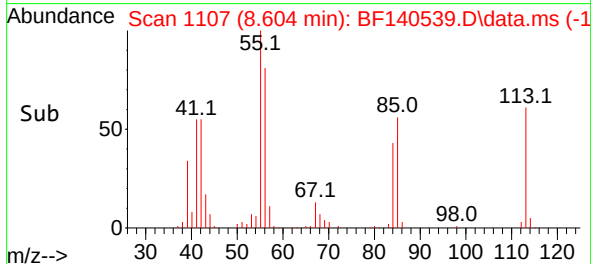
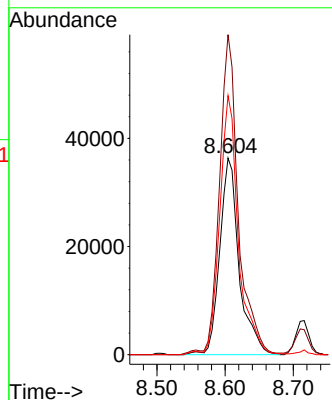
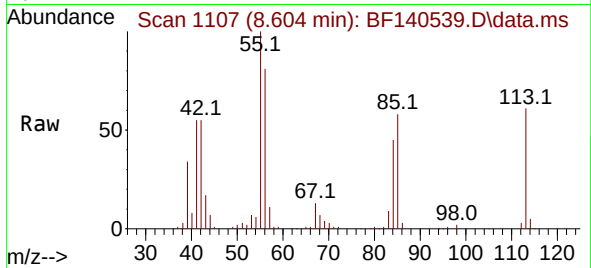




#35
Caprolactam
Concen: 39.774 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

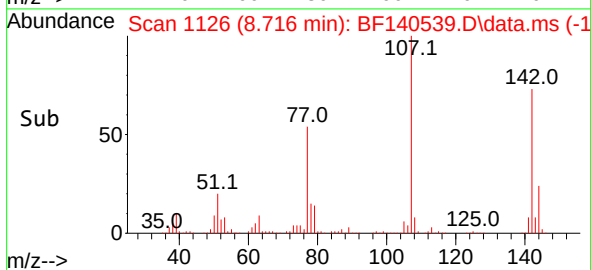
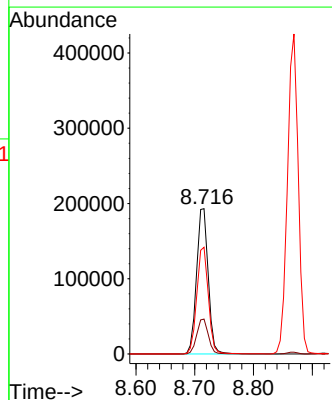
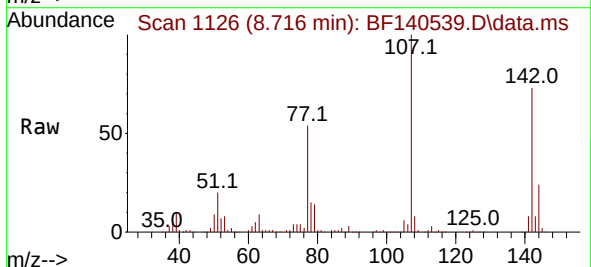
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

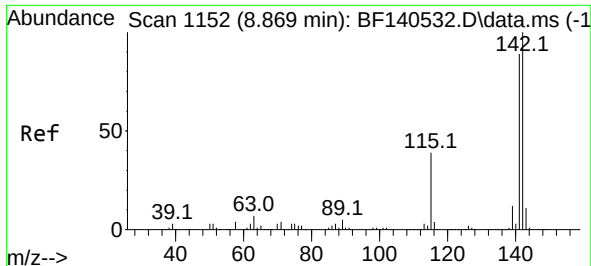
Tgt Ion:113 Resp: 71907
Ion Ratio Lower Upper
113 100
55 162.8 137.7 177.7
56 131.8 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 40.750 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:107 Resp: 266539
Ion Ratio Lower Upper
107 100
144 24.0 18.7 28.1
142 73.5 58.3 87.5

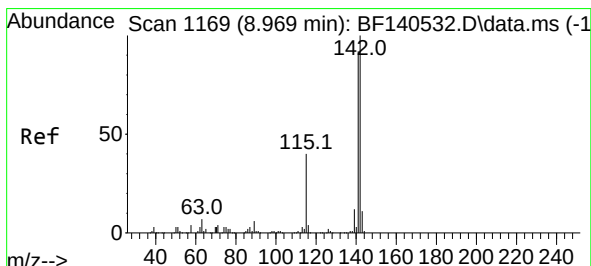
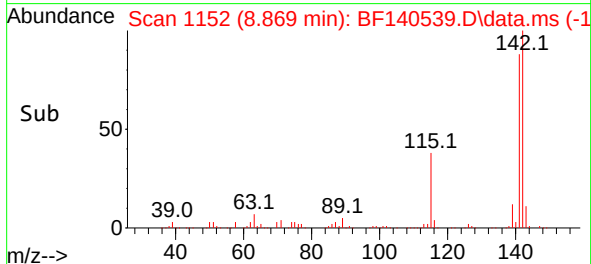
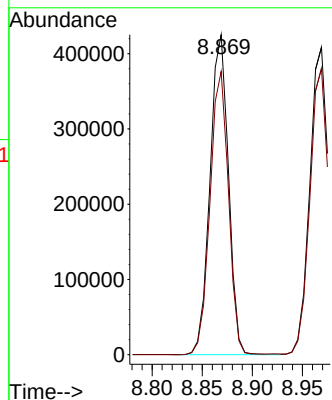
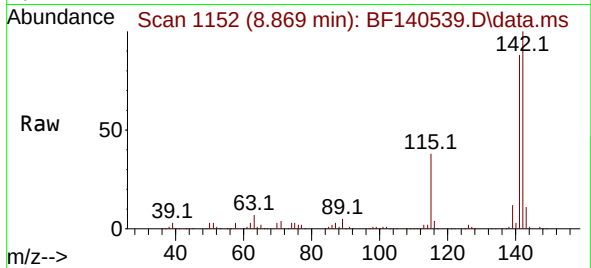




#37
2-Methylnaphthalene
Concen: 40.345 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

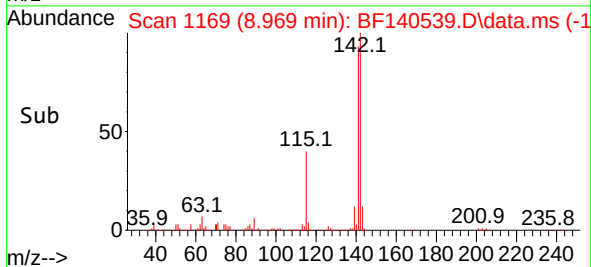
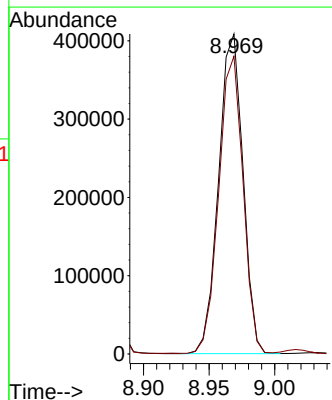
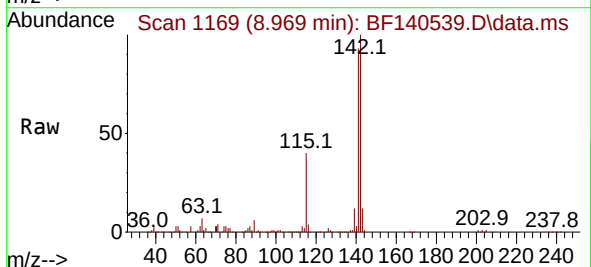
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

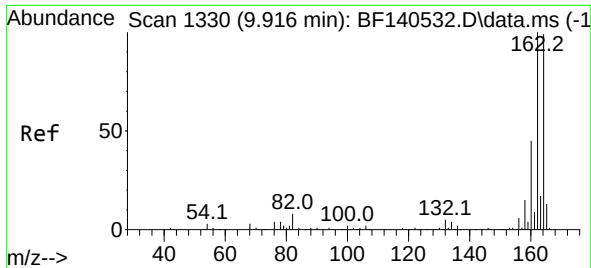
Tgt Ion:142 Resp: 543169
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6



#38
1-Methylnaphthalene
Concen: 39.973 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:142 Resp: 527506
Ion Ratio Lower Upper
142 100
141 93.1 73.3 109.9

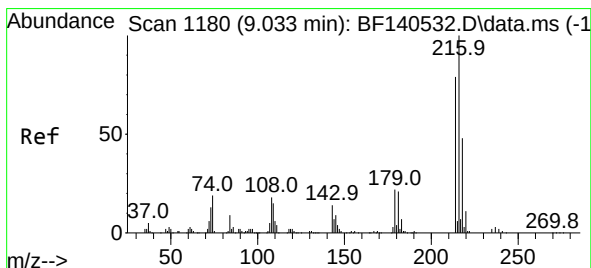
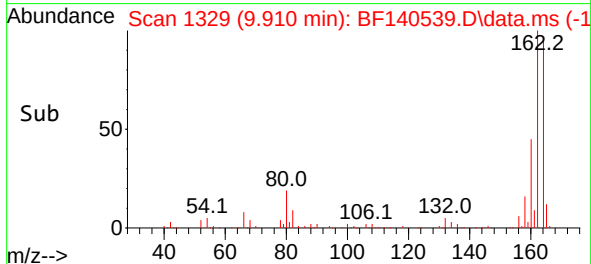
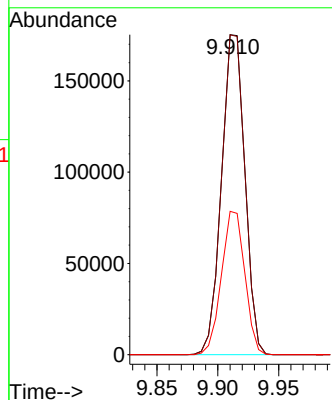
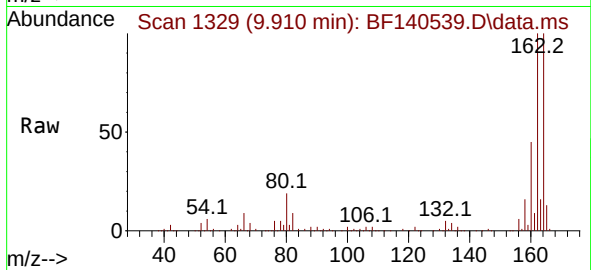




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

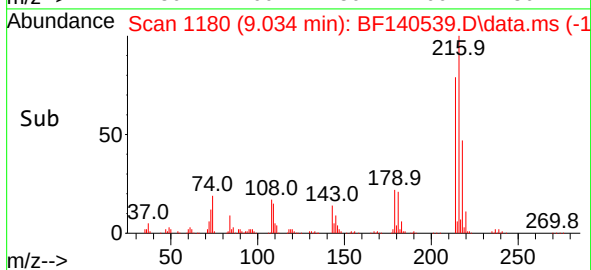
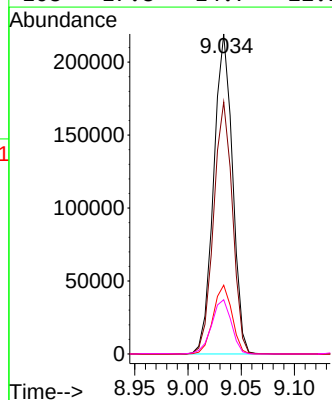
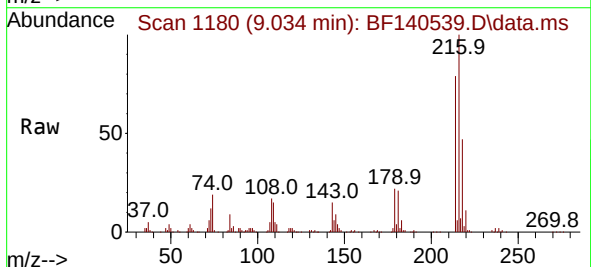
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

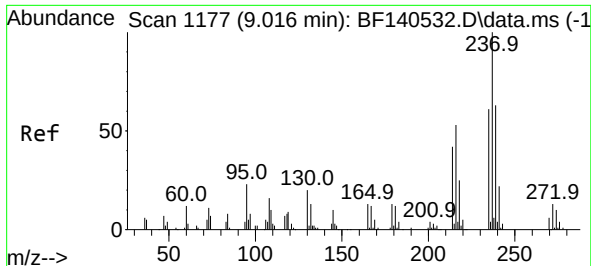
Tgt Ion:164 Resp: 234805
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.160 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:216 Resp: 269183
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.4 17.5 26.3
108 17.8 14.7 22.1

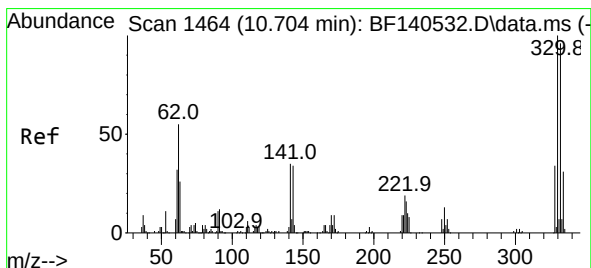
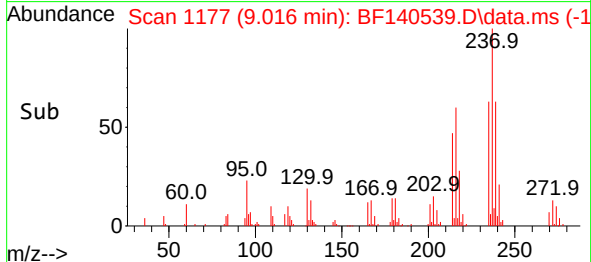
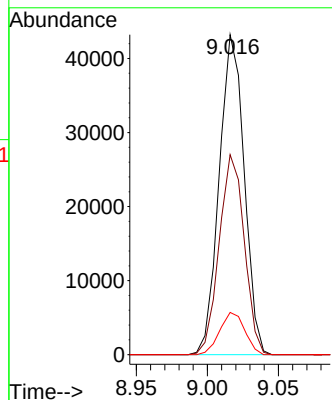
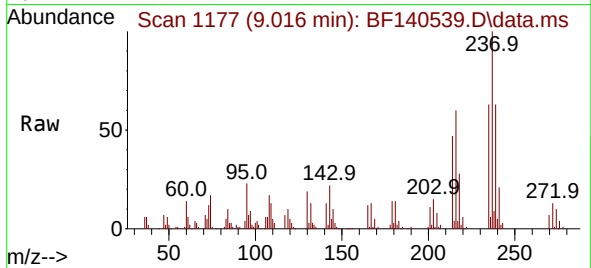




#41
Hexachlorocyclopentadiene
Concen: 38.411 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

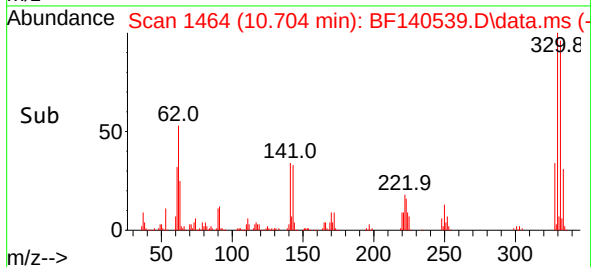
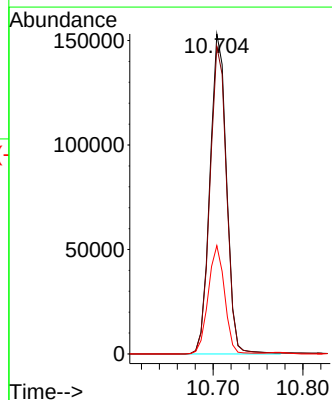
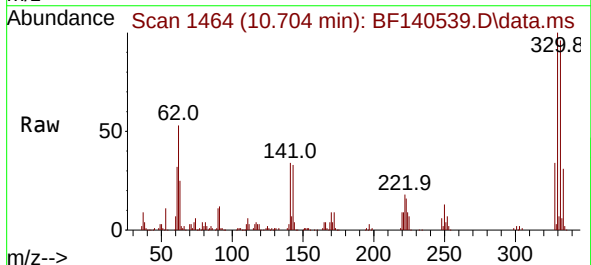
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

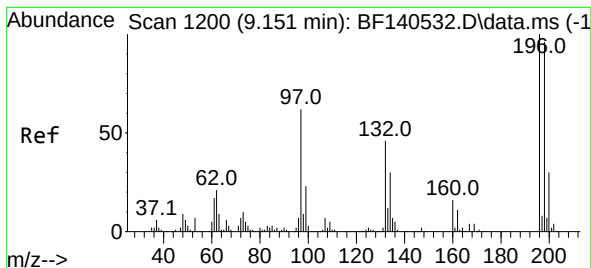
Tgt Ion:237 Resp: 52904
Ion Ratio Lower Upper
237 100
235 62.5 41.1 81.1
272 13.2 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 78.409 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:330 Resp: 196904
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 33.5 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.599 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

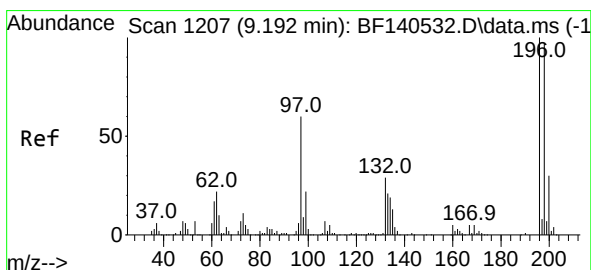
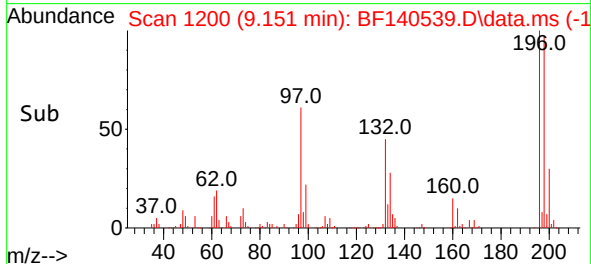
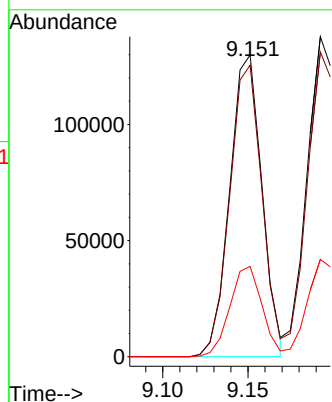
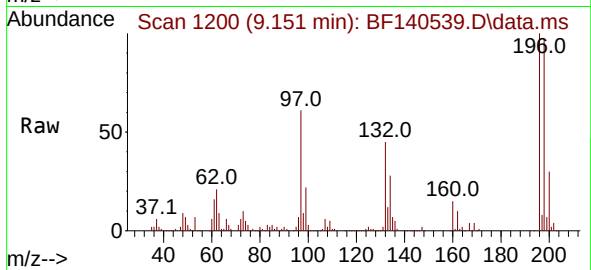
Tgt Ion:196 Resp: 170801

Ion Ratio Lower Upper

196 100

198 96.6 76.8 115.2

200 29.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 40.537 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Tgt Ion:196 Resp: 189761

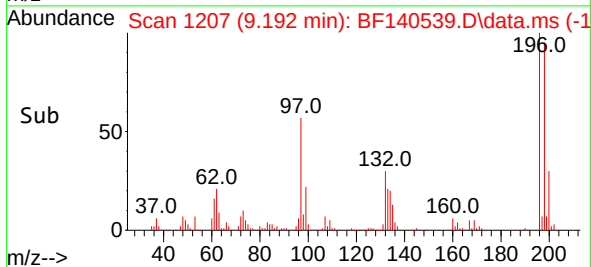
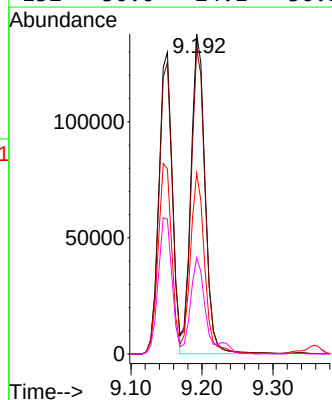
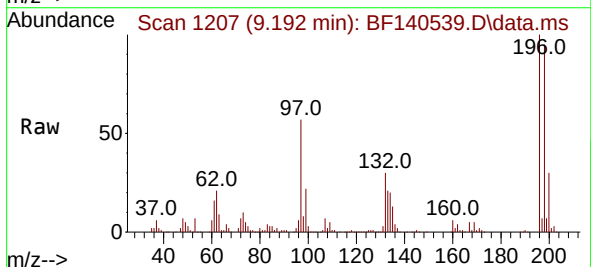
Ion Ratio Lower Upper

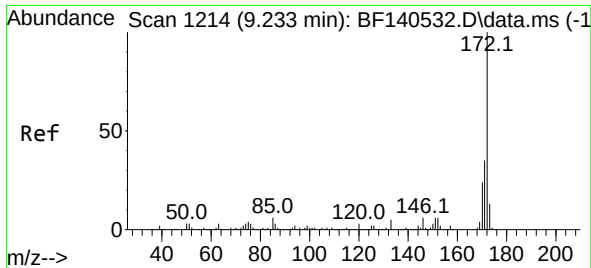
196 100

198 95.2 77.2 115.8

97 56.6 47.1 70.7

132 30.0 24.1 36.1

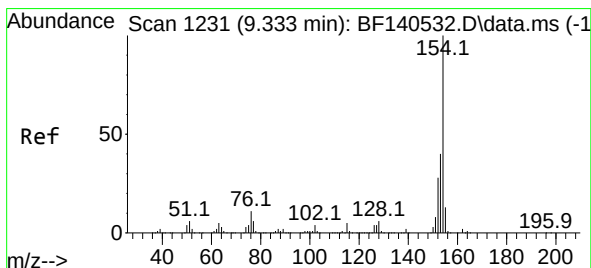
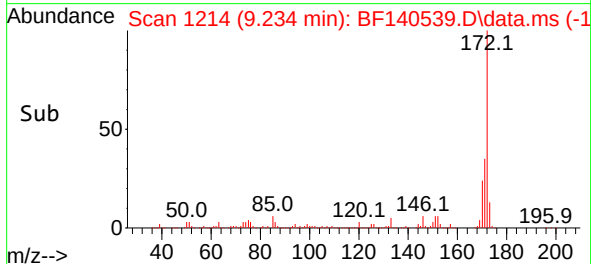
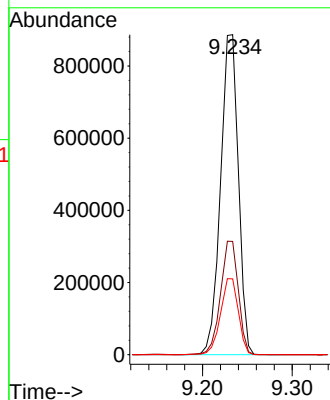
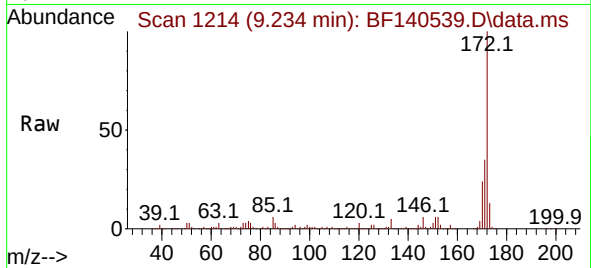




#45
2-Fluorobiphenyl
Concen: 77.541 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

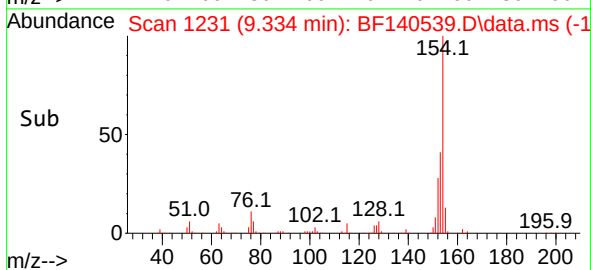
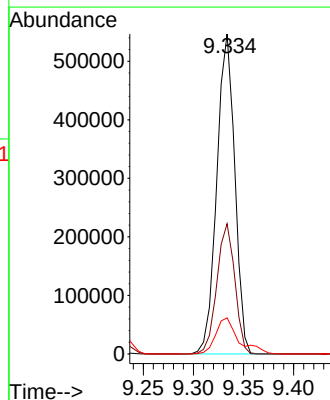
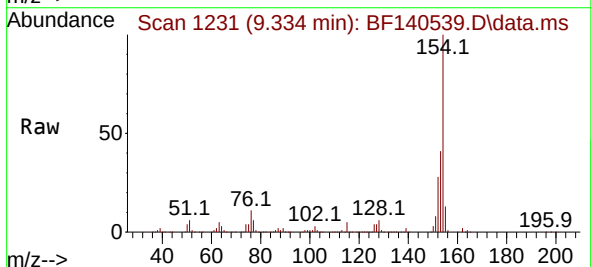
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

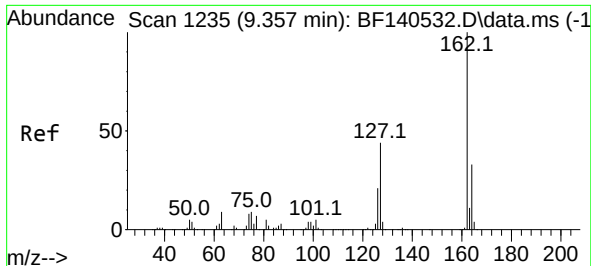
Tgt Ion:172 Resp: 1221993
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 38.828 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:154 Resp: 680681
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 11.3 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.017 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

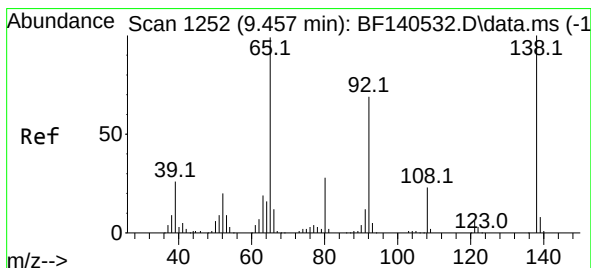
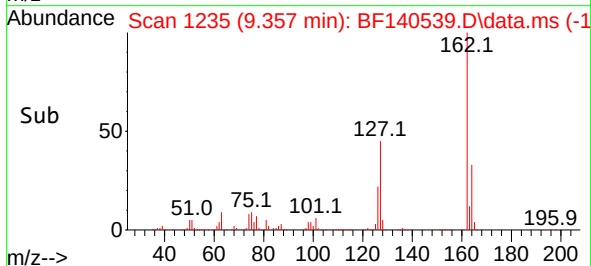
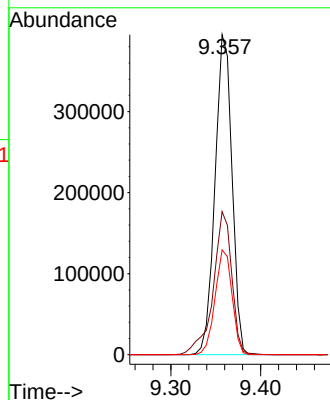
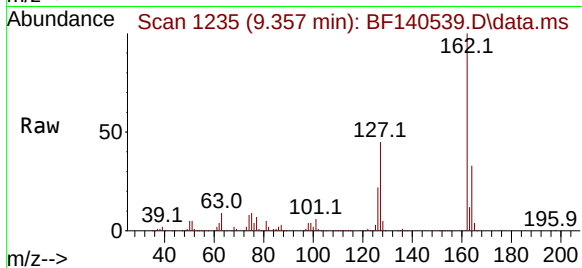
Tgt Ion:162 Resp: 518275

Ion Ratio Lower Upper

162 100

127 44.7 35.7 53.5

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 40.035 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

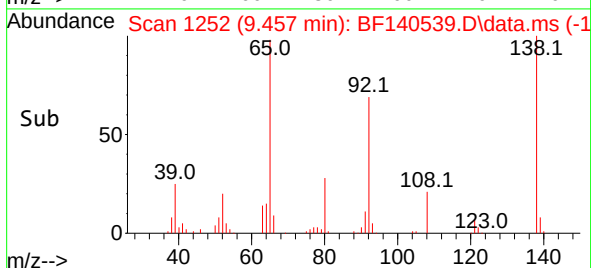
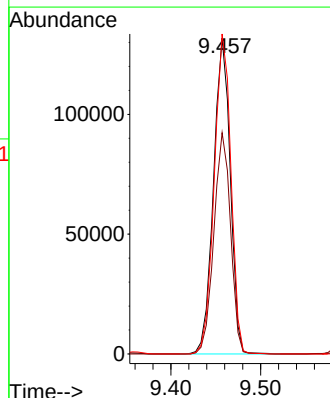
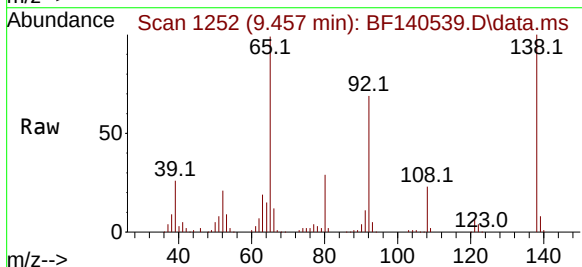
Tgt Ion: 65 Resp: 170700

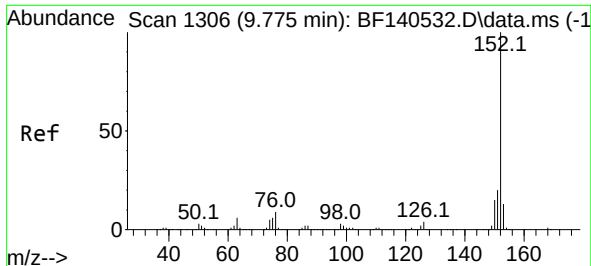
Ion Ratio Lower Upper

65 100

92 70.0 56.1 84.1

138 101.3 81.0 121.6





#49

Acenaphthylene

Concen: 39.078 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

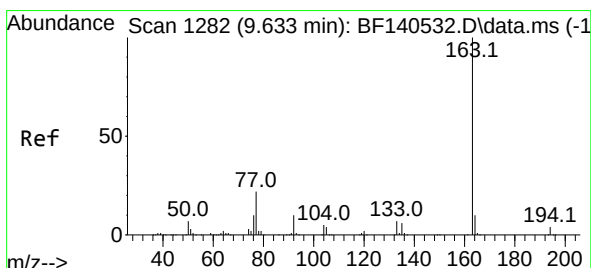
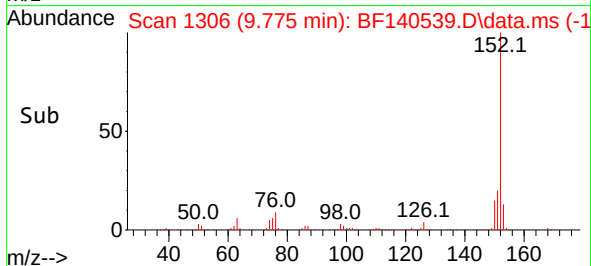
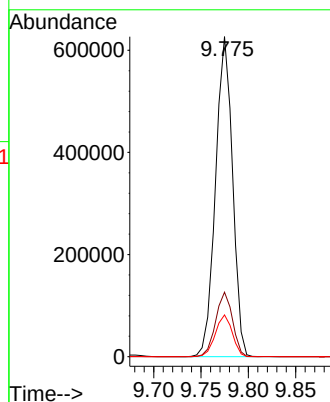
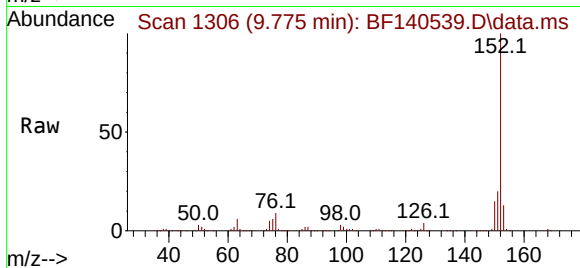
Tgt Ion:152 Resp: 784313

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 38.943 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

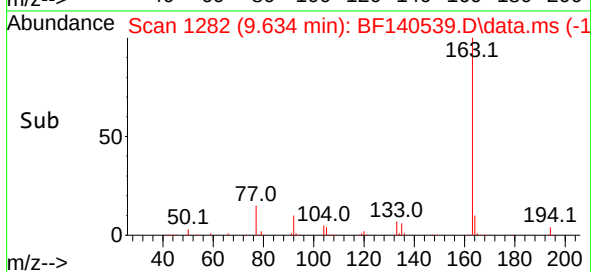
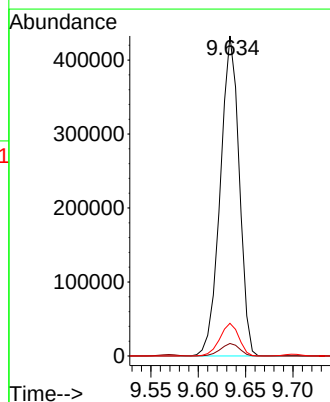
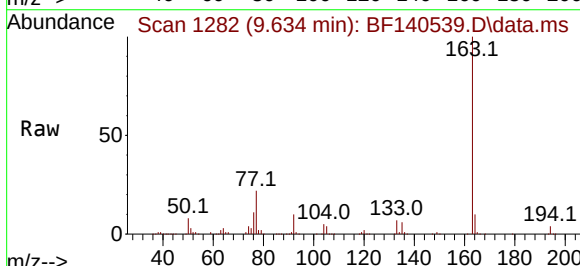
Tgt Ion:163 Resp: 602216

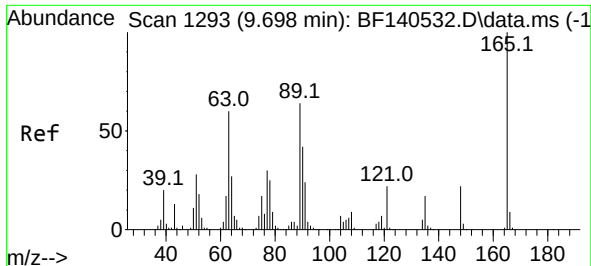
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2

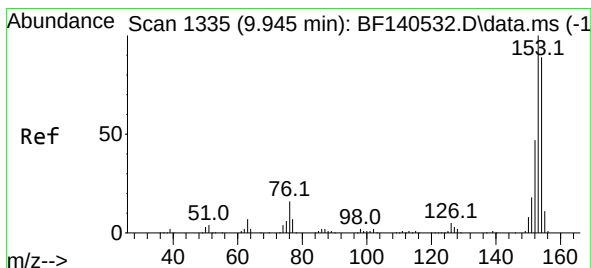
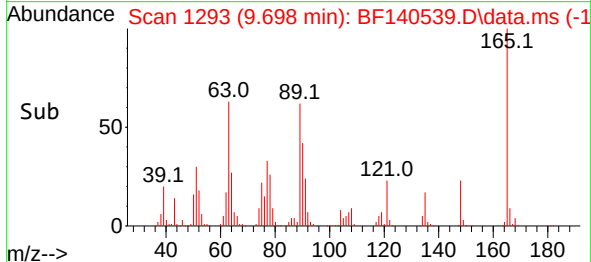
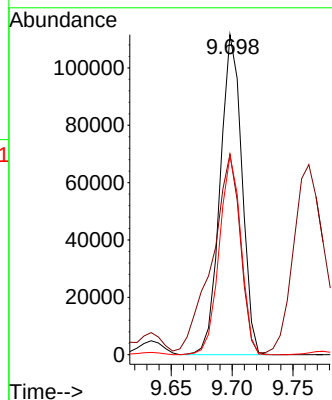
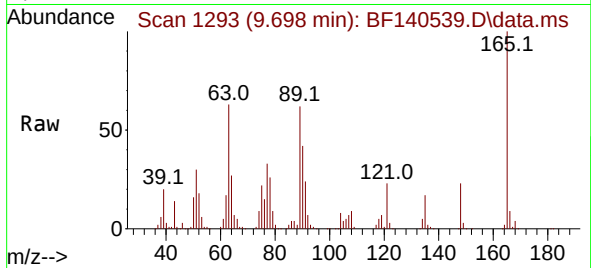




#51
2,6-Dinitrotoluene
Concen: 39.450 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

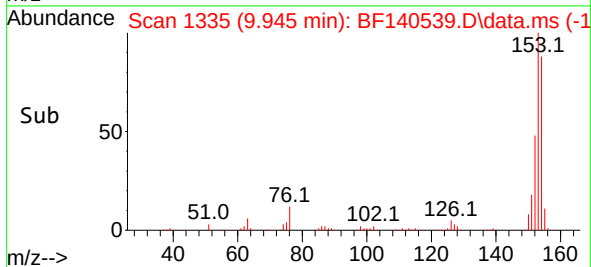
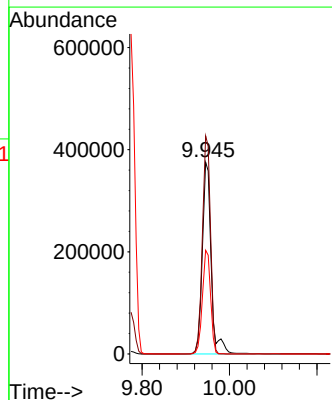
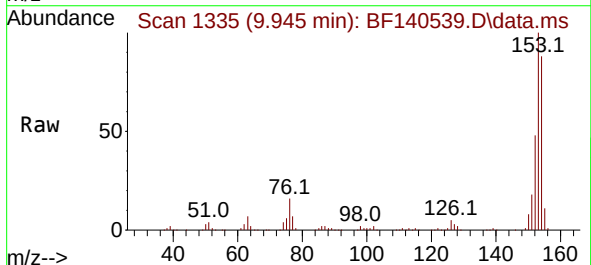
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

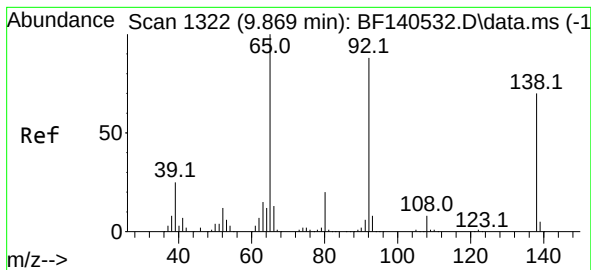
Tgt Ion:165 Resp: 138359
Ion Ratio Lower Upper
165 100
63 62.6 49.9 74.9
89 62.3 50.9 76.3



#52
Acenaphthene
Concen: 41.630 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:154 Resp: 530894
Ion Ratio Lower Upper
154 100
153 113.7 89.7 134.5
152 54.1 42.5 63.7





#53

3-Nitroaniline

Concen: 40.695 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

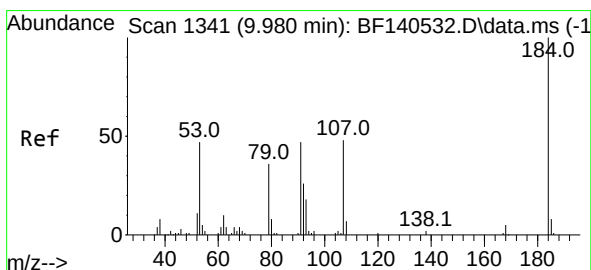
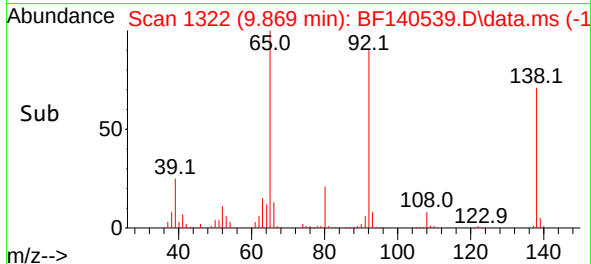
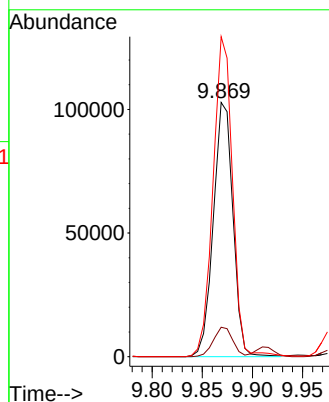
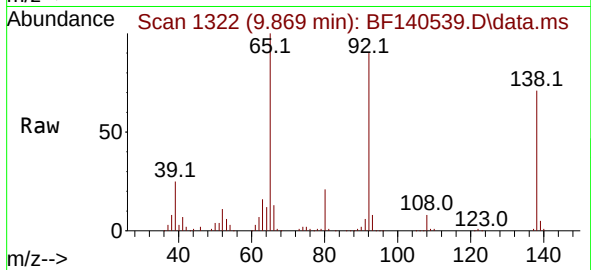
Tgt Ion:138 Resp: 139591

Ion Ratio Lower Upper

138 100

108 11.6 9.2 13.8

92 125.9 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 36.079 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.001 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

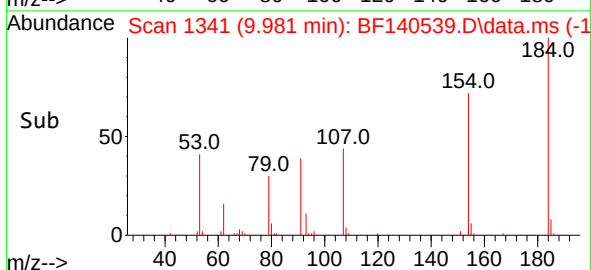
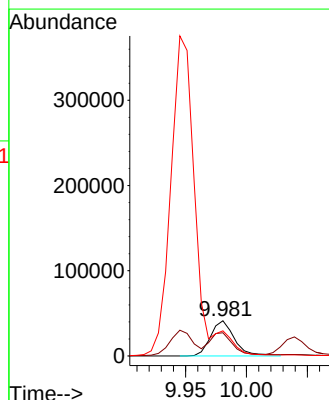
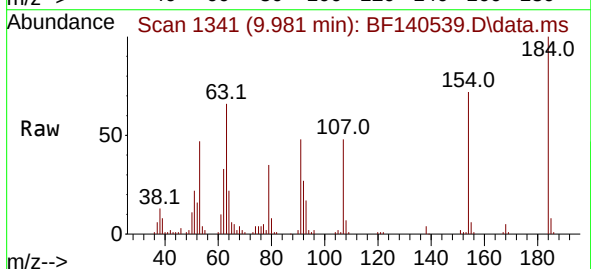
Tgt Ion:184 Resp: 56887

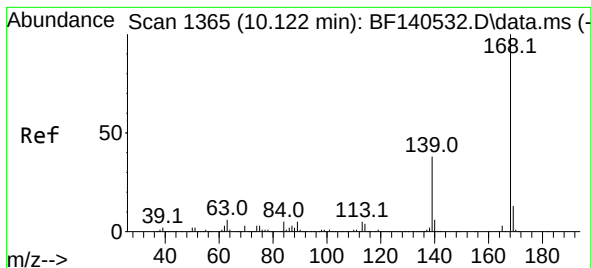
Ion Ratio Lower Upper

184 100

63 66.2 54.1 81.1

154 71.5 57.4 86.0





#55

Dibenzenofuran

Concen: 38.251 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

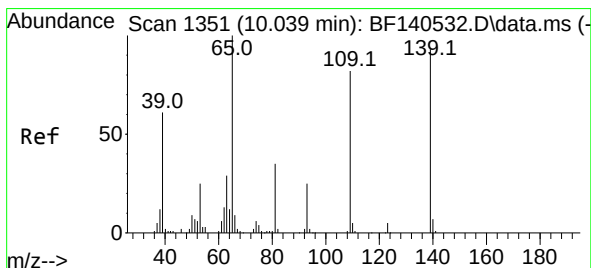
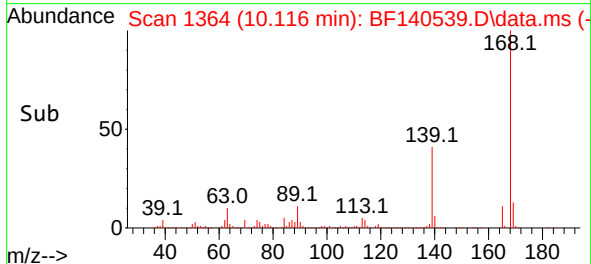
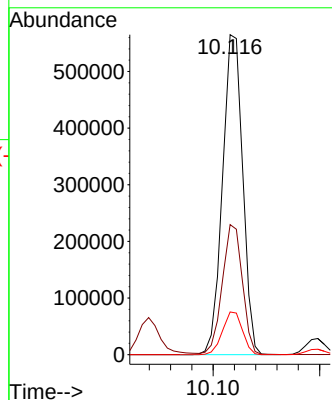
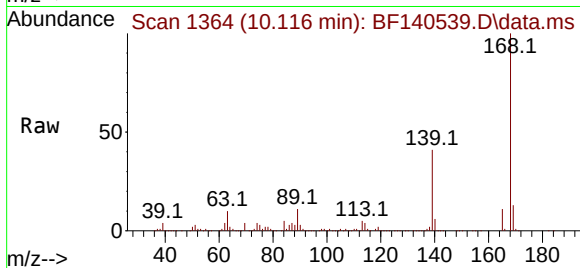
Tgt Ion:168 Resp: 744040

Ion Ratio Lower Upper

168 100

139 40.7 31.3 46.9

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 39.523 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

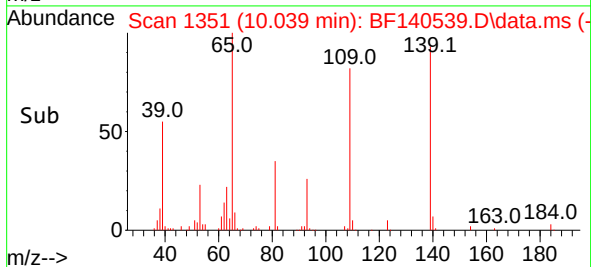
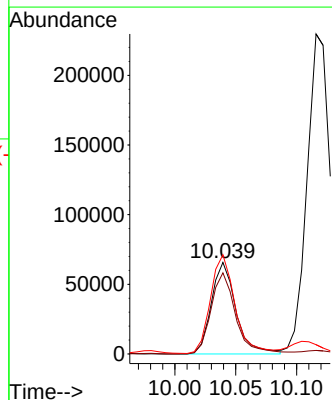
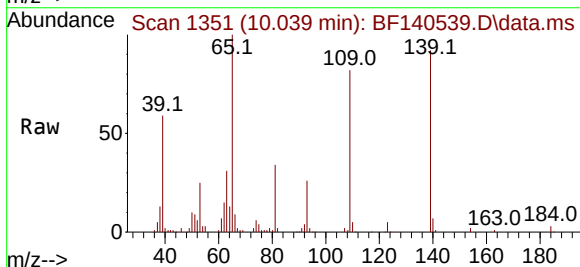
Tgt Ion:139 Resp: 92459

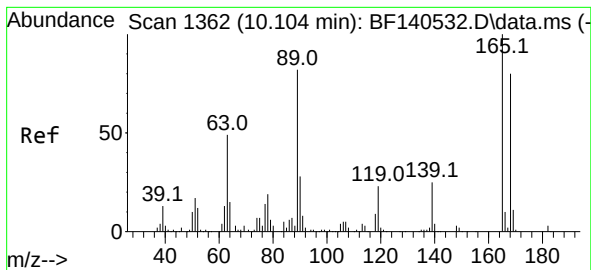
Ion Ratio Lower Upper

139 100

109 88.8 68.4 108.4

65 108.5 88.6 128.6

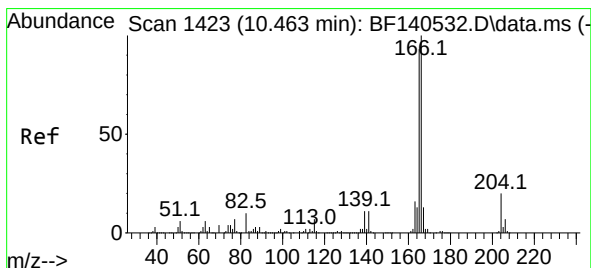
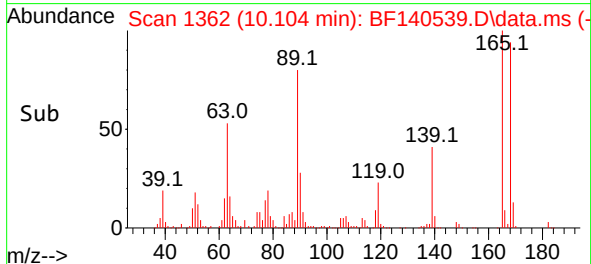
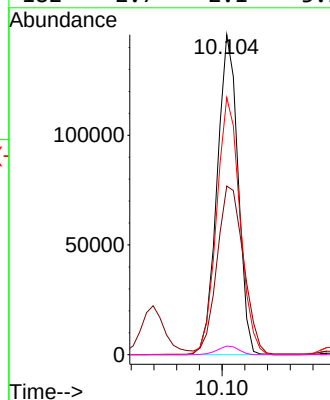
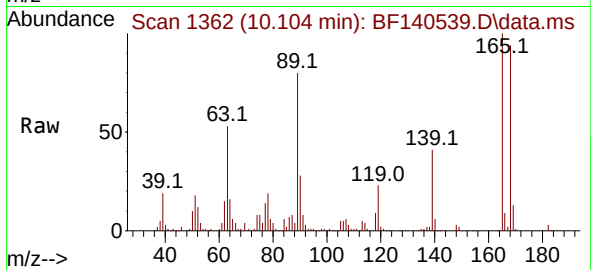




#57
2,4-Dinitrotoluene
Concen: 39.963 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

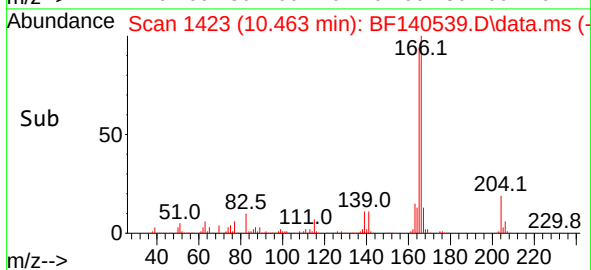
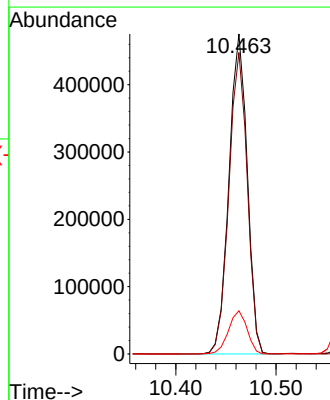
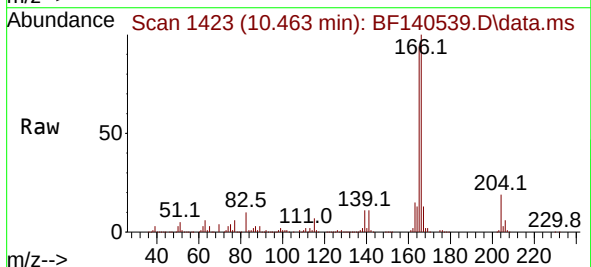
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

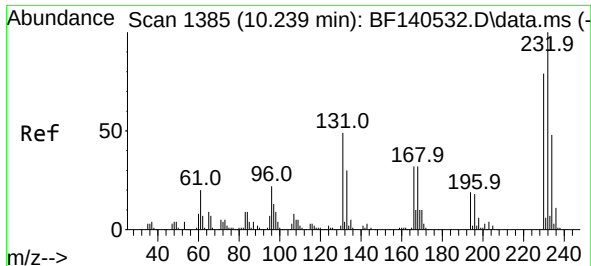
Tgt Ion:165 Resp: 186272
Ion Ratio Lower Upper
165 100
63 52.7 41.7 62.5
89 80.4 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 38.491 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:166 Resp: 600980
Ion Ratio Lower Upper
166 100
165 94.2 74.6 111.8
167 13.5 10.6 16.0

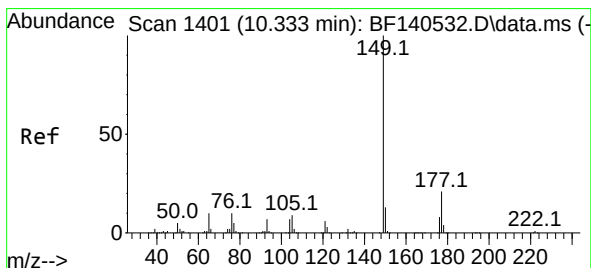
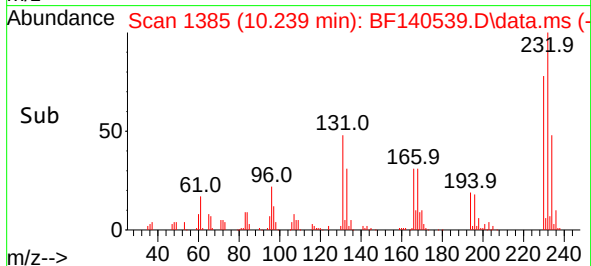
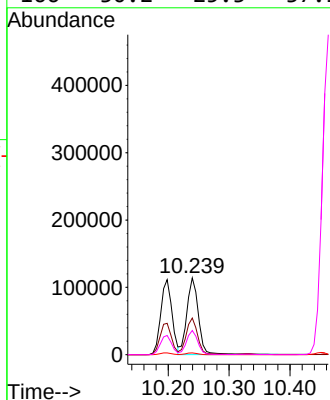
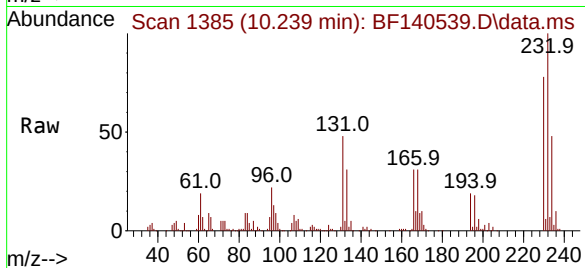




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.683 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

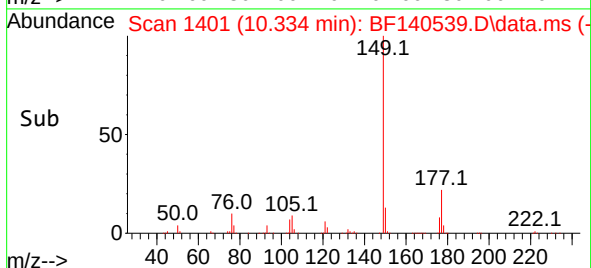
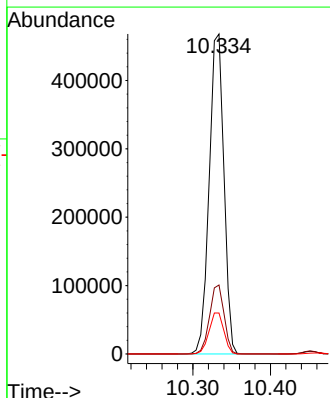
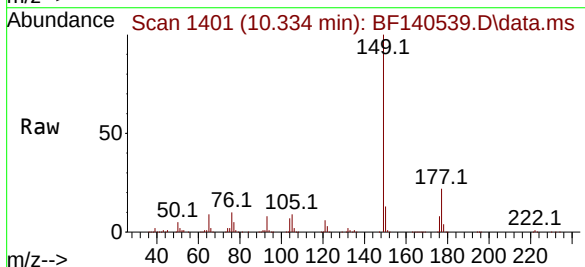
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

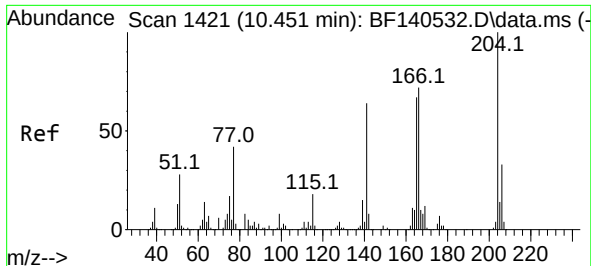
Tgt Ion:232 Resp: 149963
Ion Ratio Lower Upper
232 100
131 47.0 39.6 59.4
130 2.3 1.9 2.9
166 30.2 25.3 37.9



#60
Diethylphthalate
Concen: 39.316 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:149 Resp: 617727
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.8 10.1 15.1

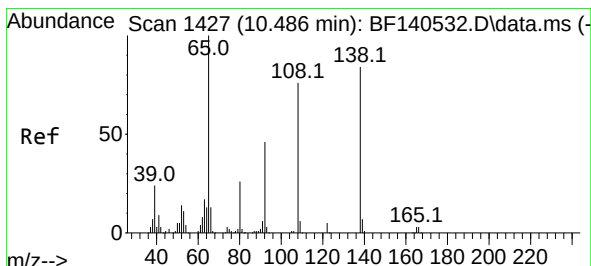
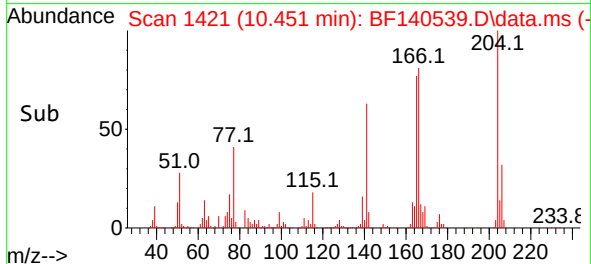
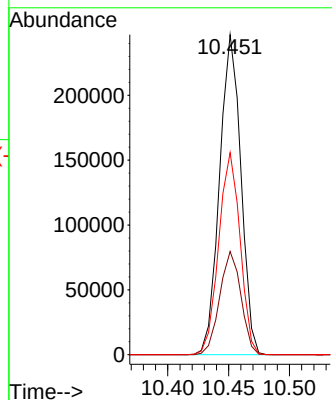
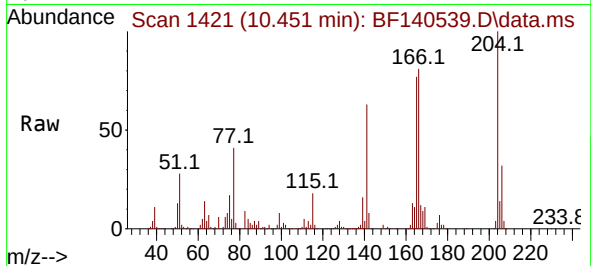




#61
4-Chlorophenyl-phenylether
Concen: 39.295 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

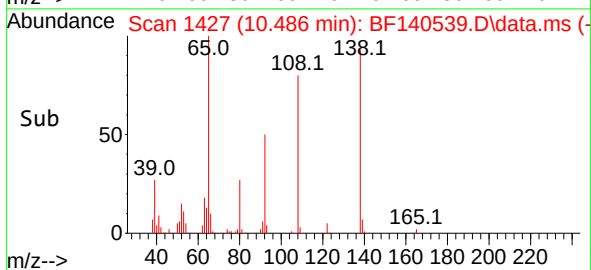
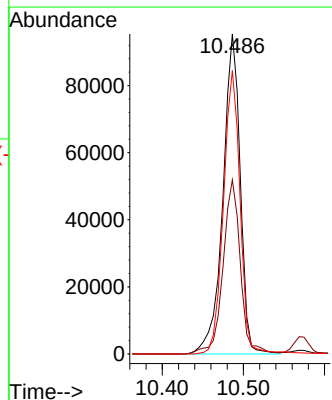
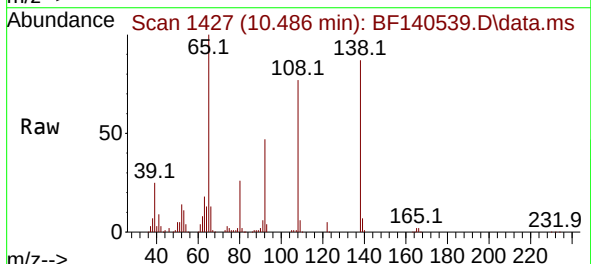
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

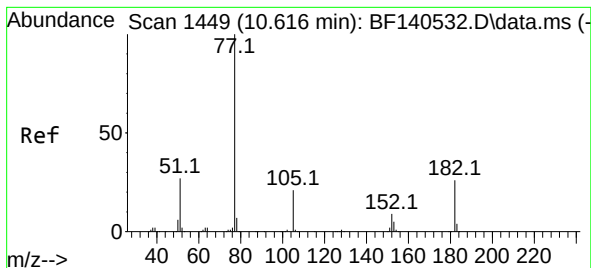
Tgt Ion:204 Resp: 301095
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 63.1 51.1 76.7



#62
4-Nitroaniline
Concen: 39.476 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:138 Resp: 142019
Ion Ratio Lower Upper
138 100
92 54.4 34.5 74.5
108 88.5 70.6 110.6





#63

Azobenzene

Concen: 39.065 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 581247

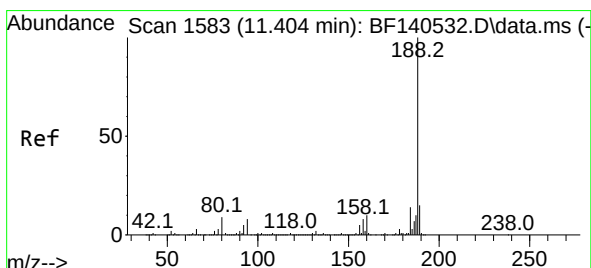
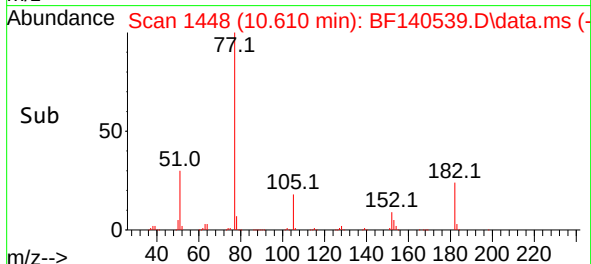
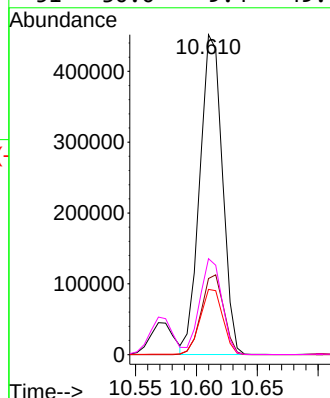
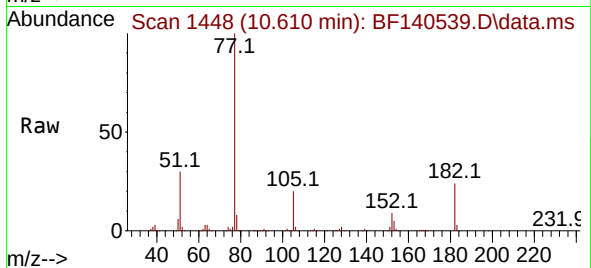
Ion Ratio Lower Upper

77 100

182 23.8 5.3 45.3

105 20.4 0.3 40.3

51 30.0 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

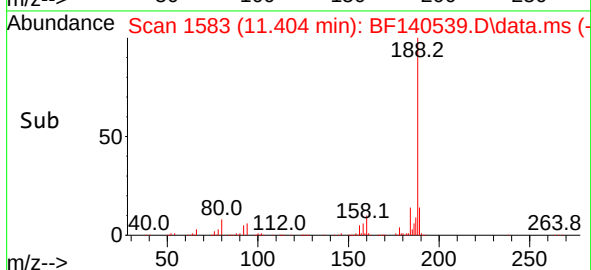
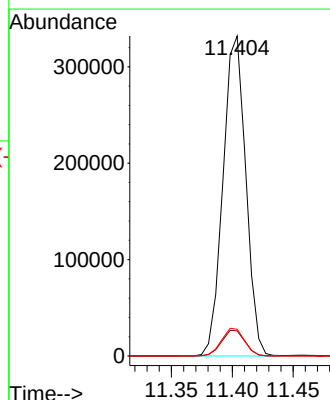
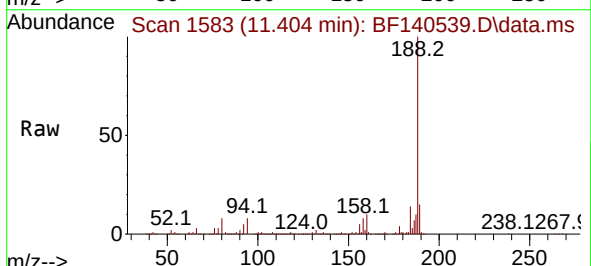
Tgt Ion: 188 Resp: 433198

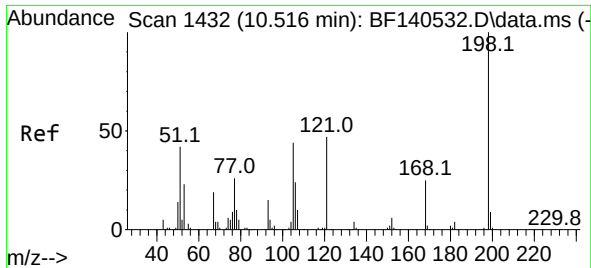
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.4 6.9 10.3

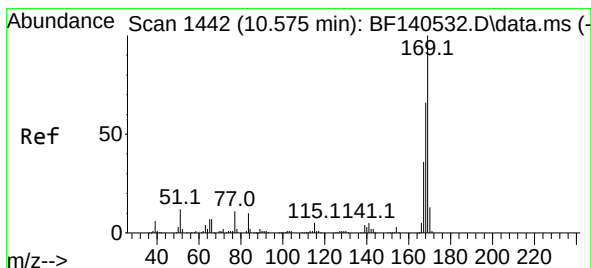
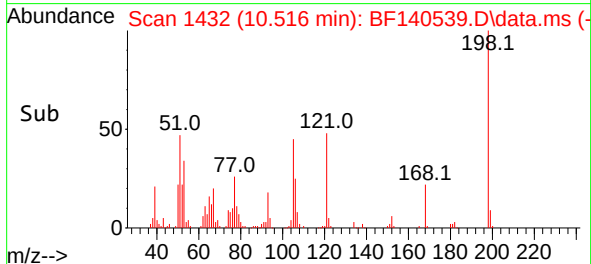
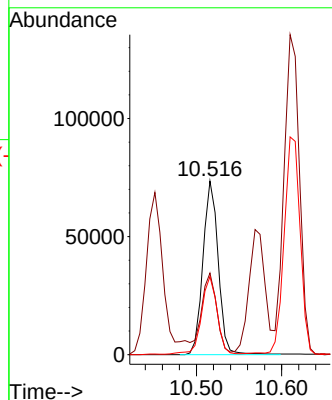
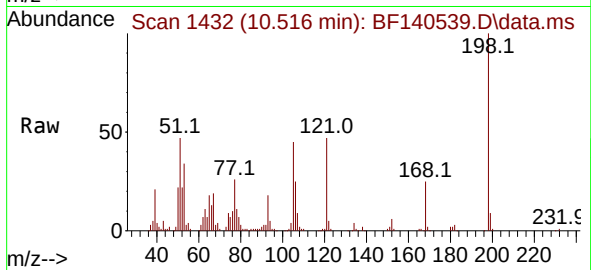




#65
4,6-Dinitro-2-methylphenol
Concen: 41.435 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

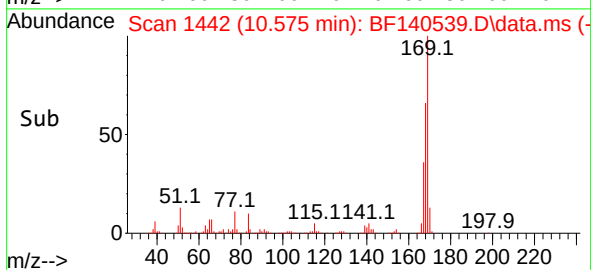
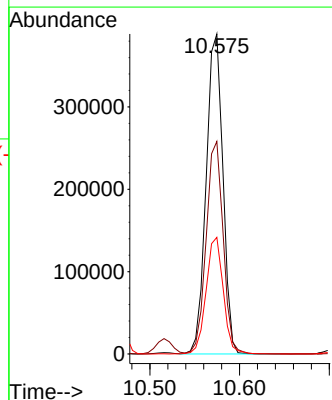
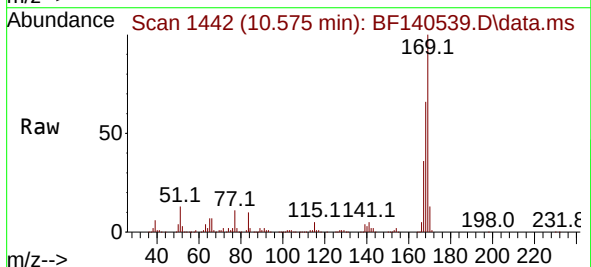
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

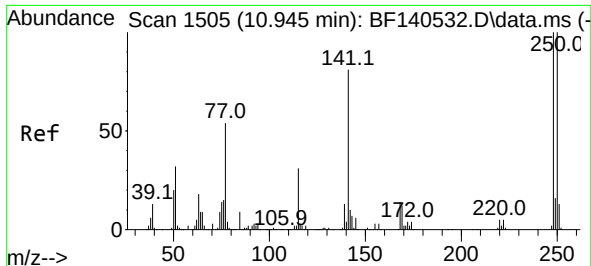
Tgt Ion:198 Resp: 91723
Ion Ratio Lower Upper
198 100
51 47.0 29.4 69.4
105 45.0 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 39.288 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:169 Resp: 503313
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.4 29.0 43.6

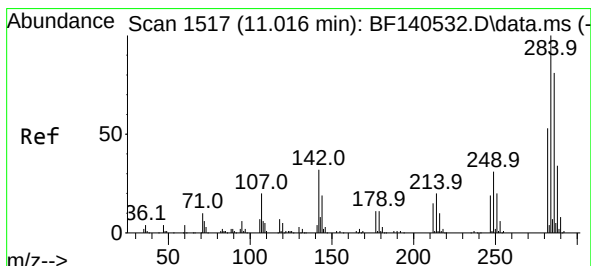
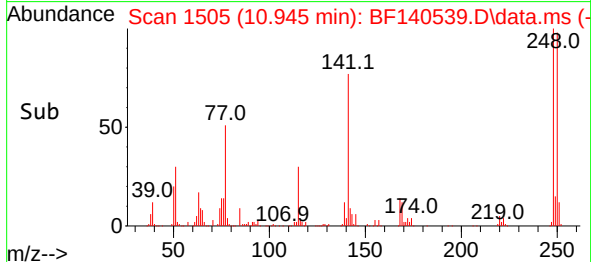
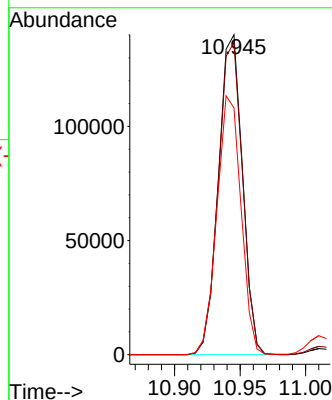
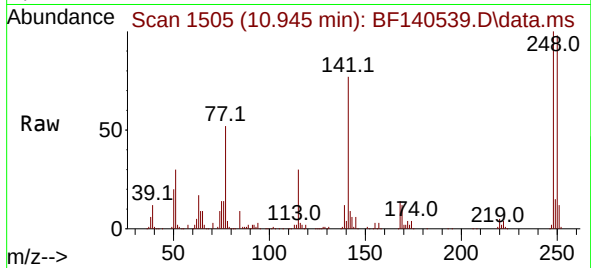




#67
4-Bromophenyl-phenylether
Concen: 40.028 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

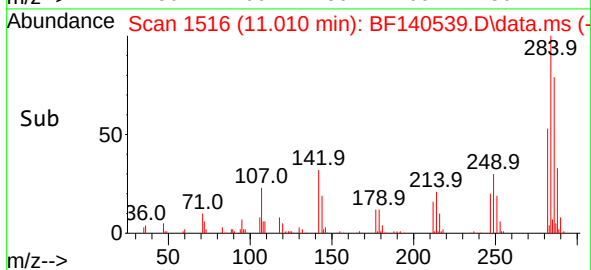
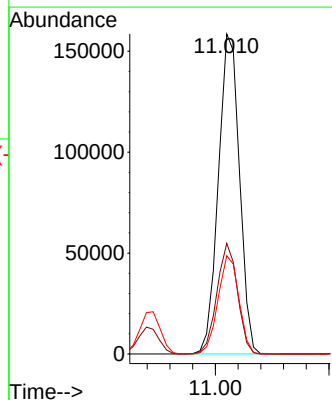
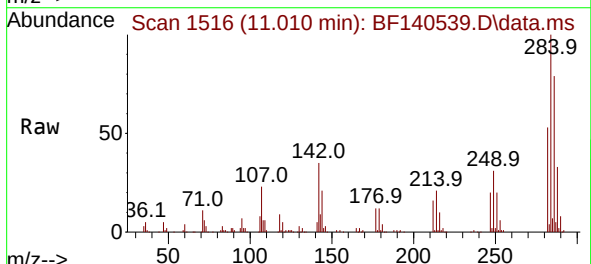
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

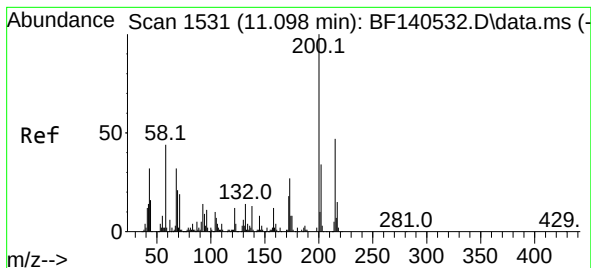
Tgt Ion:248 Resp: 178577
Ion Ratio Lower Upper
248 100
250 97.5 79.8 119.8
141 77.2 64.7 97.1



#68
Hexachlorobenzene
Concen: 39.602 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:284 Resp: 204574
Ion Ratio Lower Upper
284 100
142 34.5 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 33.999 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

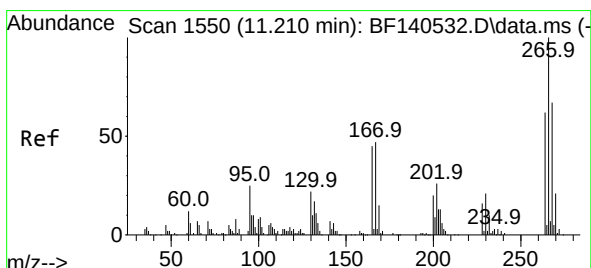
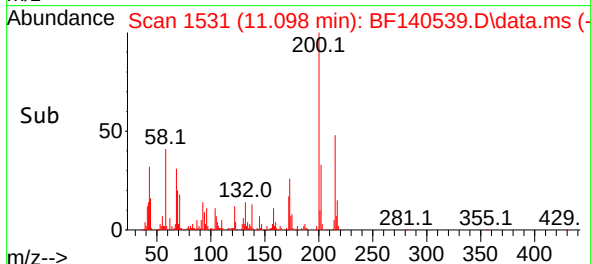
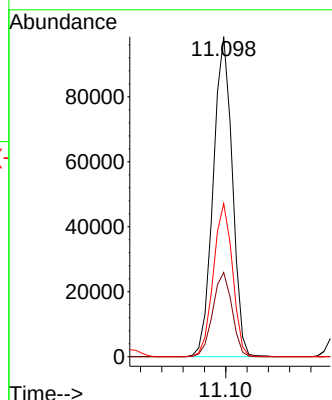
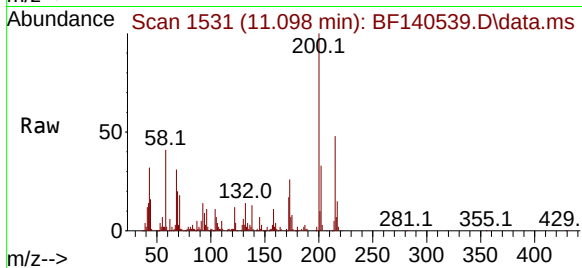
Tgt Ion:200 Resp: 122529

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

215 47.9 26.7 66.7



#70

Pentachlorophenol

Concen: 41.869 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

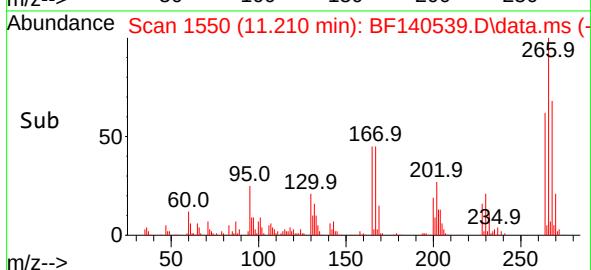
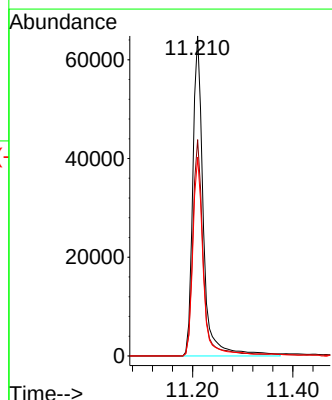
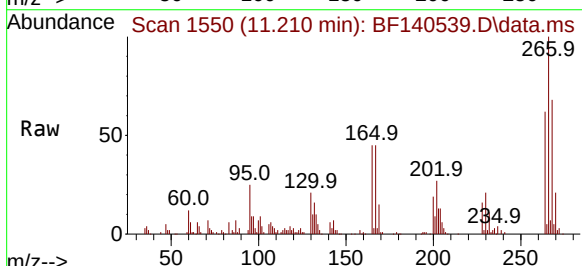
Tgt Ion:266 Resp: 95191

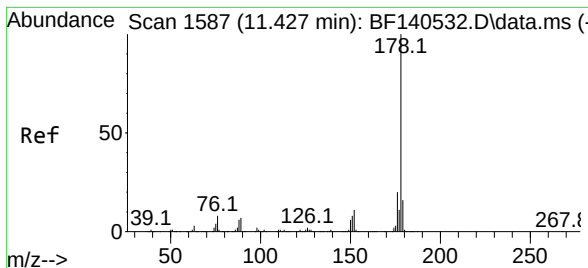
Ion Ratio Lower Upper

266 100

268 67.6 53.7 80.5

264 62.2 49.8 74.8





#71

Phenanthrene

Concen: 38.285 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

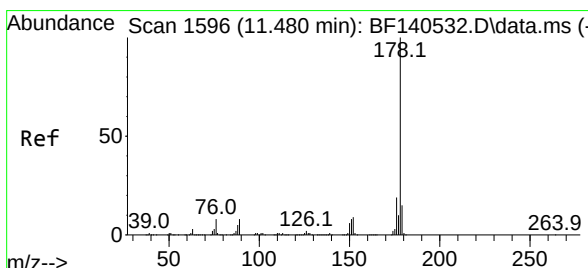
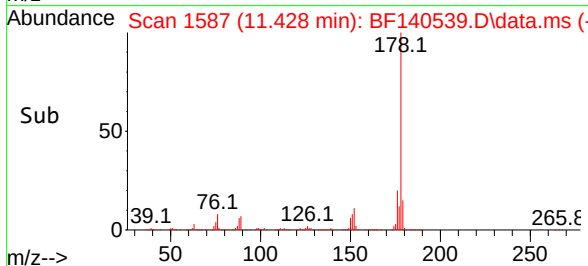
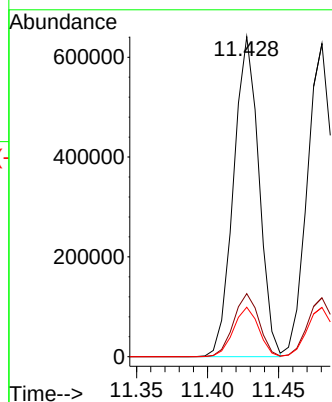
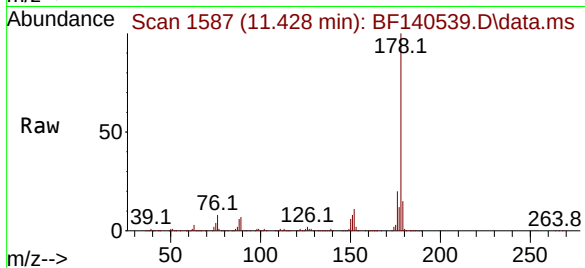
Tgt Ion:178 Resp: 797226

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.5 12.4 18.6



#72

Anthracene

Concen: 38.790 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

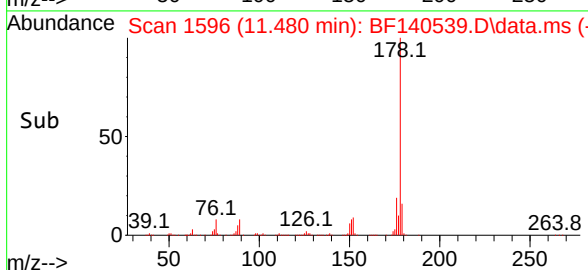
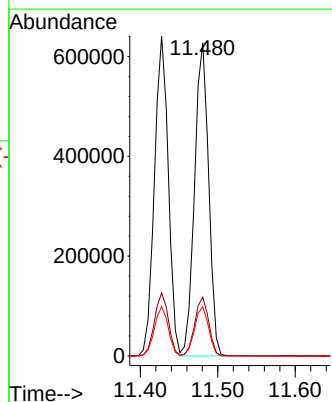
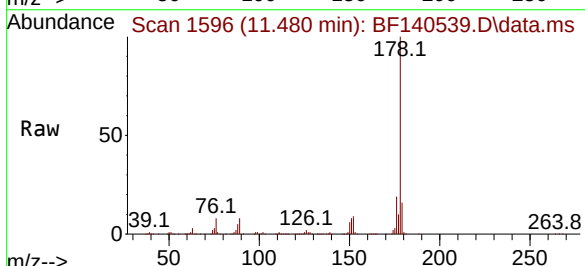
Tgt Ion:178 Resp: 790118

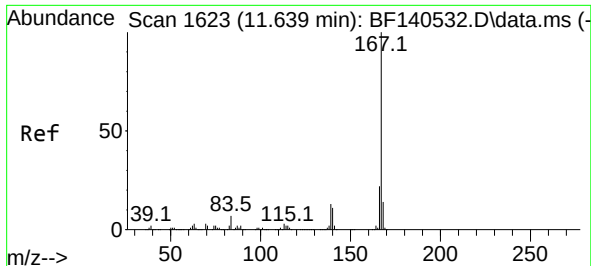
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.8 12.2 18.4

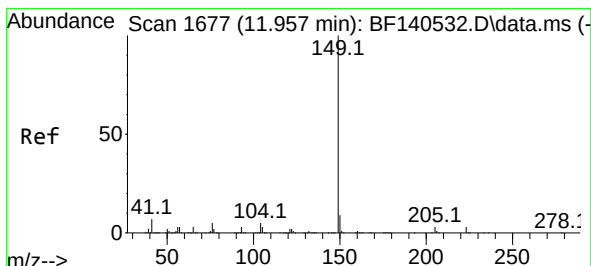
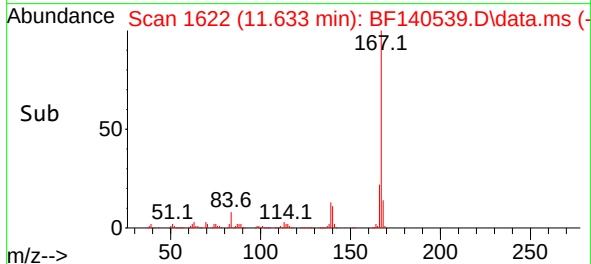
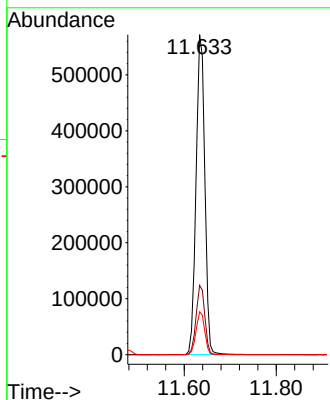
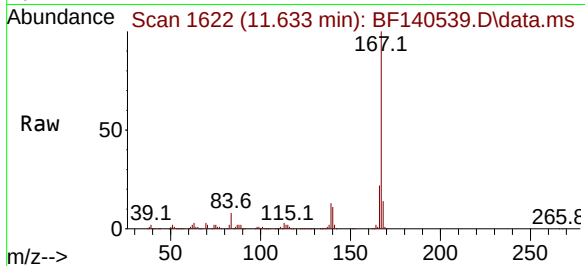




#73
Carbazole
Concen: 38.371 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

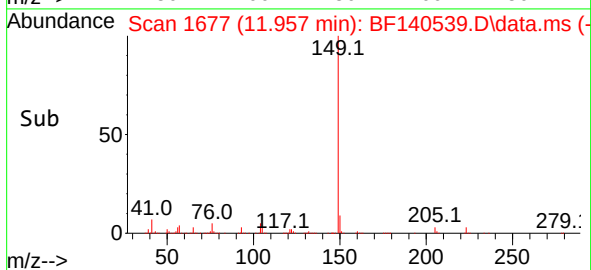
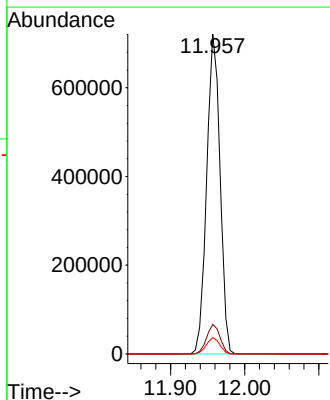
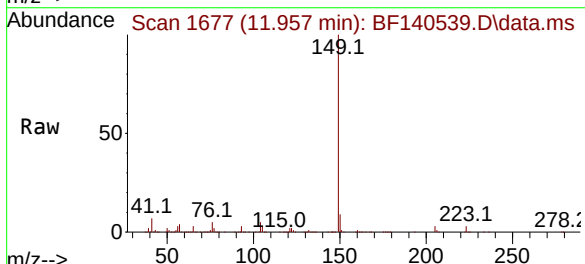
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

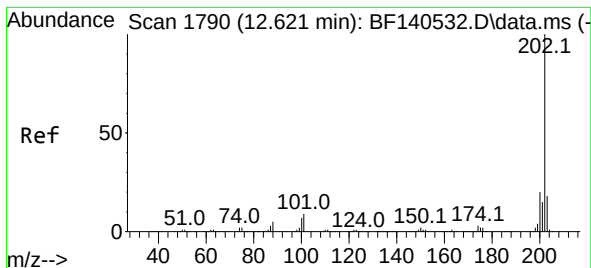
Tgt Ion:167 Resp: 751892
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.4 10.6 15.8



#74
Di-n-butylphthalate
Concen: 39.855 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF140539.D
Acq: 21 Nov 2024 16:54

Tgt Ion:149 Resp: 901629
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 37.984 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

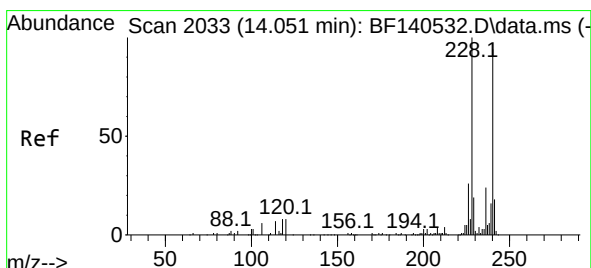
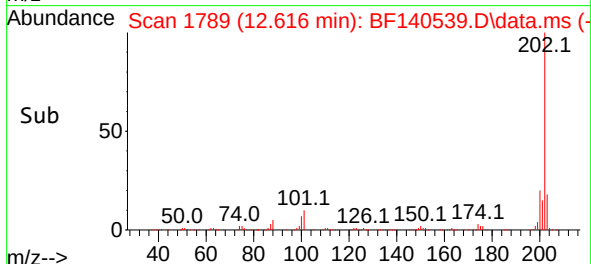
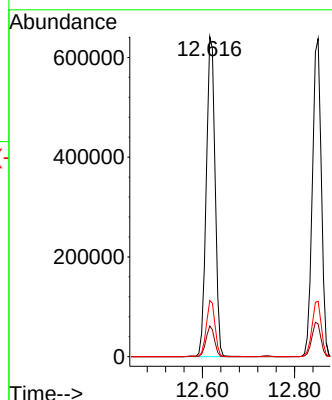
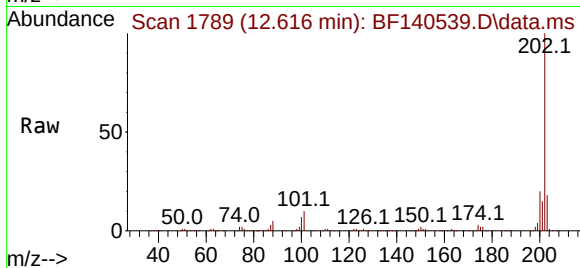
Tgt Ion:202 Resp: 858783

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.9

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

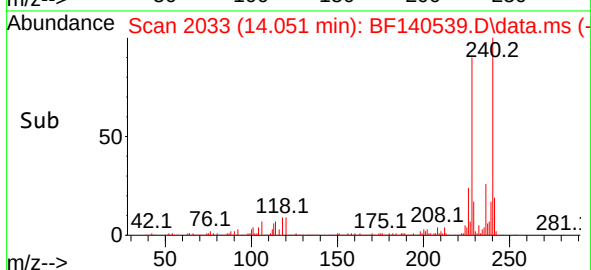
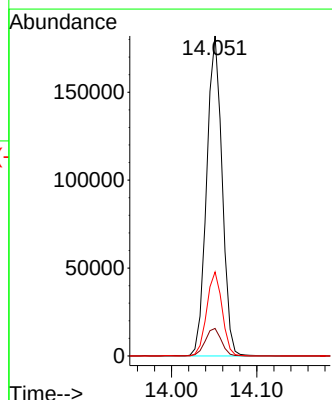
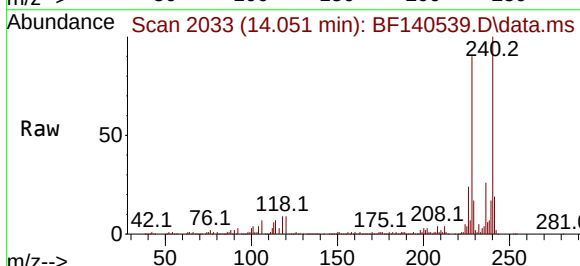
Tgt Ion:240 Resp: 229401

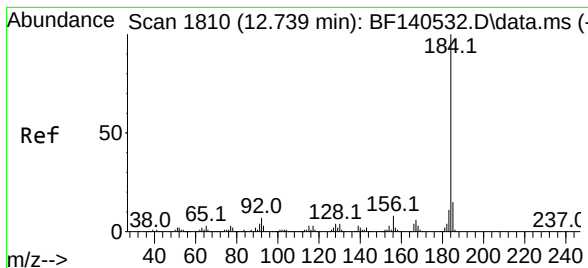
Ion Ratio Lower Upper

240 100

120 8.6 7.3 10.9

236 26.2 20.6 31.0





#77

Benzidine

Concen: 46.921 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

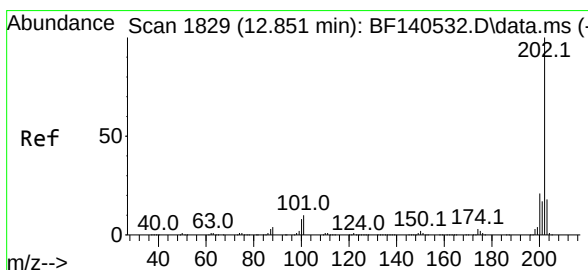
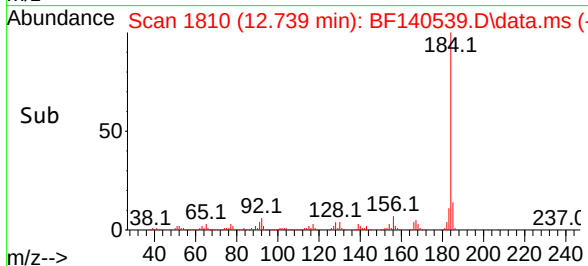
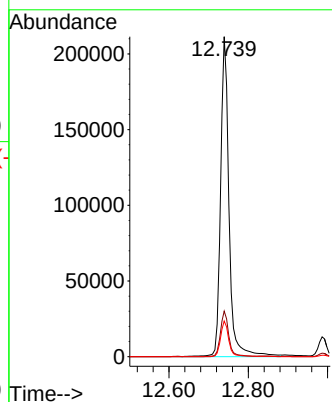
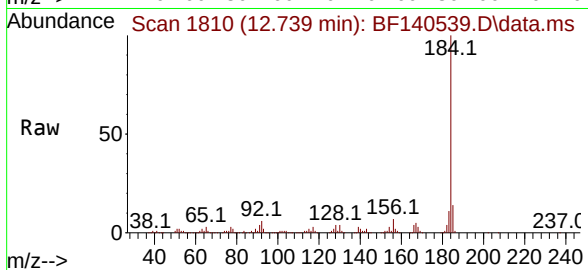
Tgt Ion:184 Resp: 312946

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 11.2 8.8 13.2



#78

Pyrene

Concen: 40.234 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

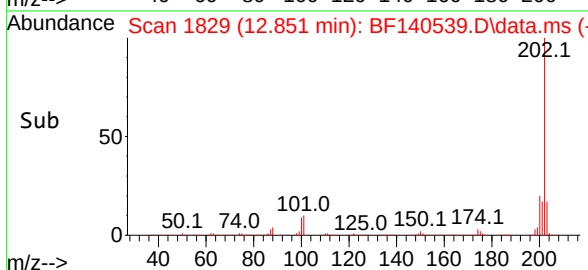
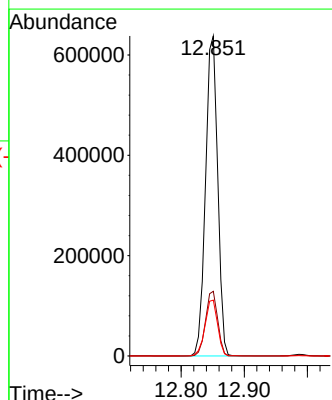
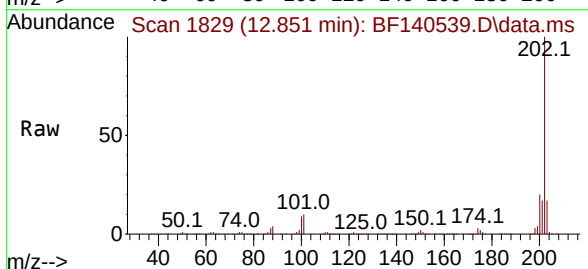
Tgt Ion:202 Resp: 853393

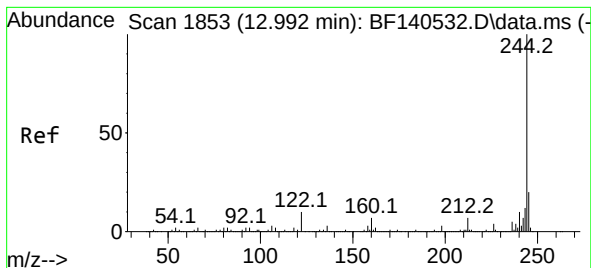
Ion Ratio Lower Upper

202 100

200 20.2 16.5 24.7

203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 81.492 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

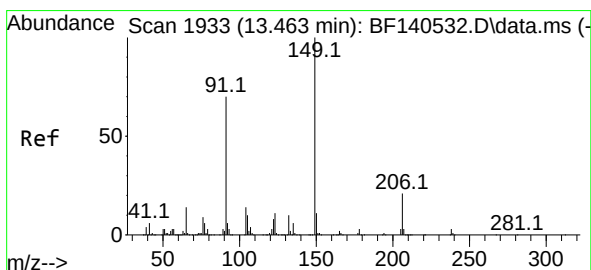
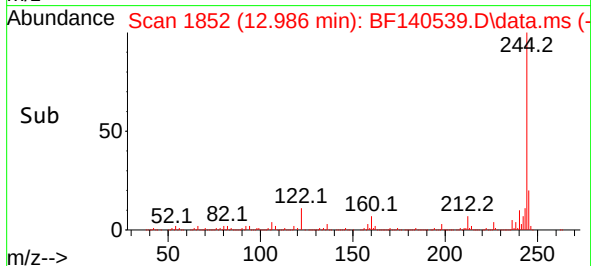
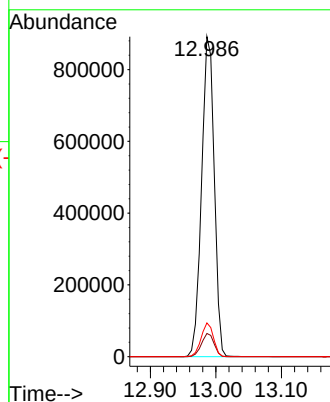
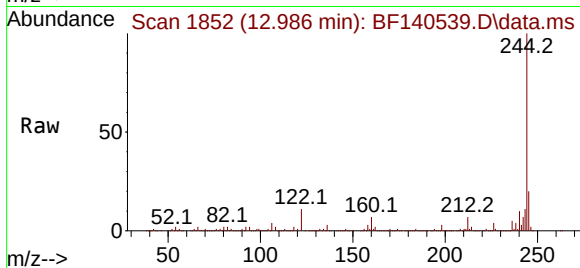
Tgt Ion:244 Resp: 1200567

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.6 8.0 12.0



#80

Butylbenzylphthalate

Concen: 41.463 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

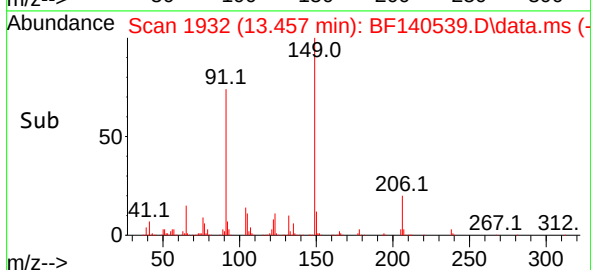
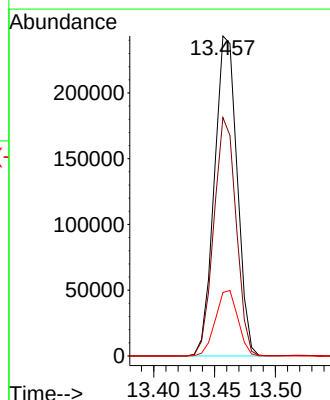
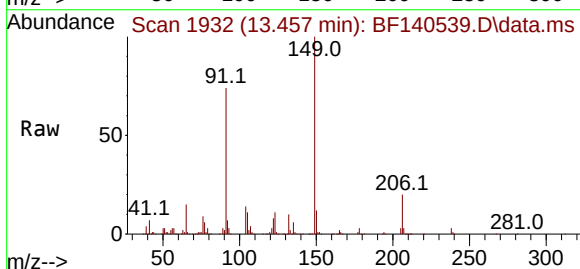
Tgt Ion:149 Resp: 316818

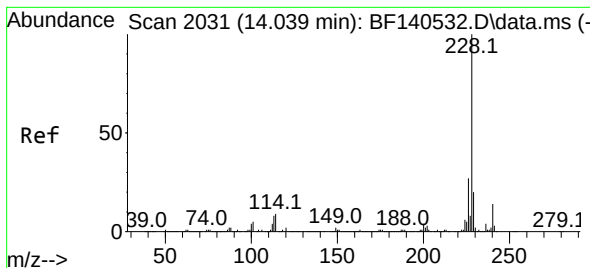
Ion Ratio Lower Upper

149 100

91 74.5 56.2 84.2

206 19.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.222 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

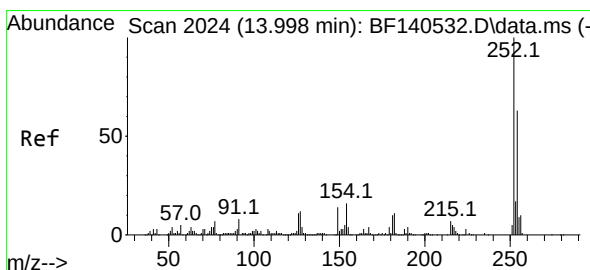
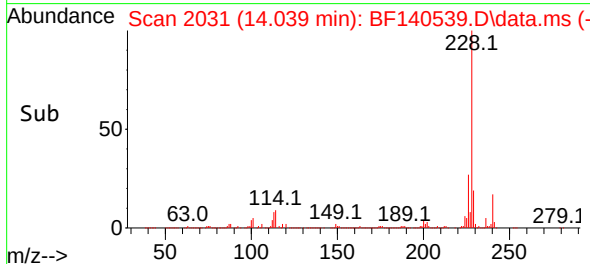
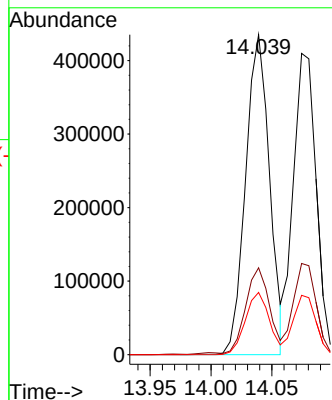
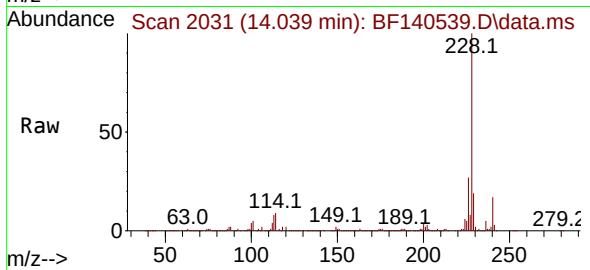
Tgt Ion:228 Resp: 595609

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.304 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

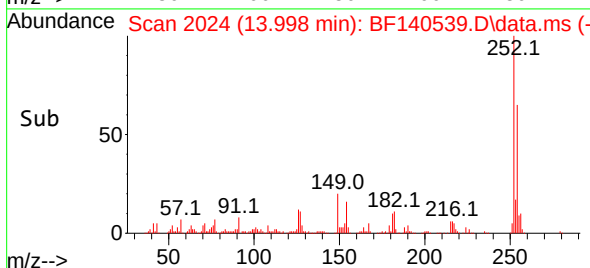
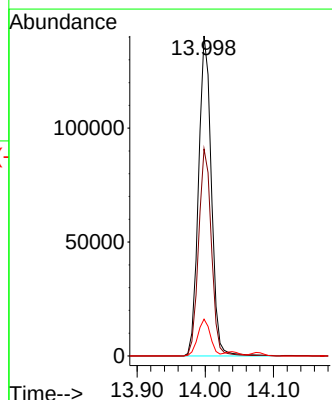
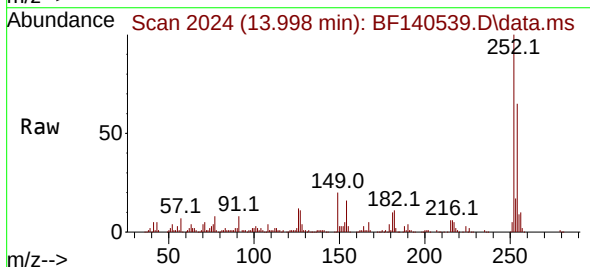
Tgt Ion:252 Resp: 183754

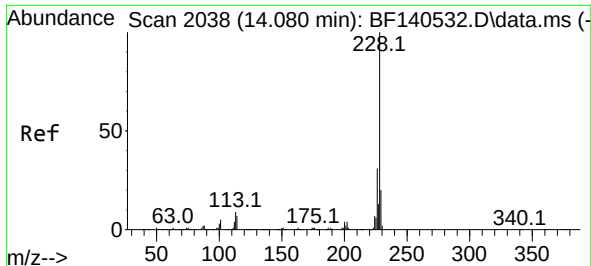
Ion Ratio Lower Upper

252 100

254 64.7 50.8 76.2

126 11.5 8.6 13.0





#83

Chrysene

Concen: 38.615 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

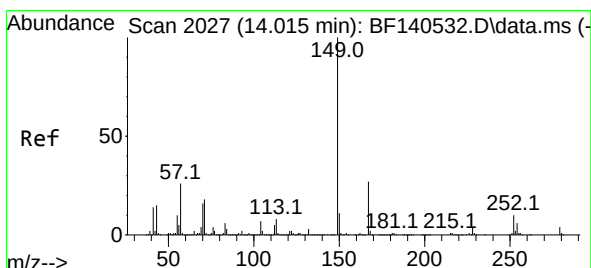
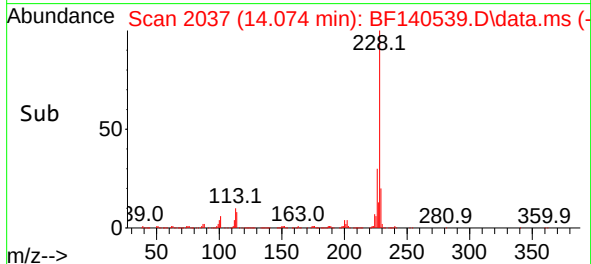
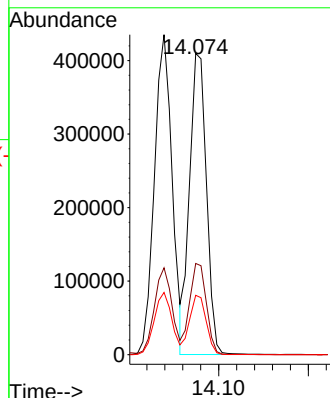
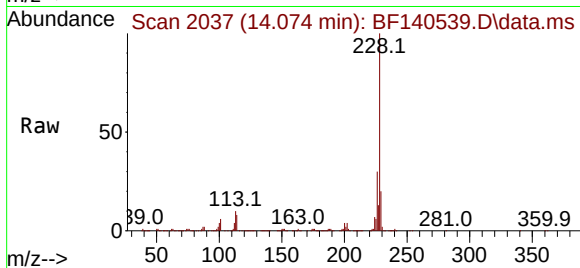
Tgt Ion:228 Resp: 536182

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.320 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

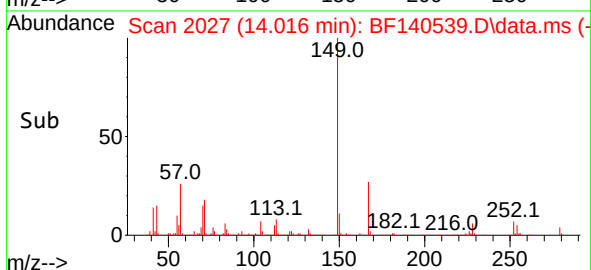
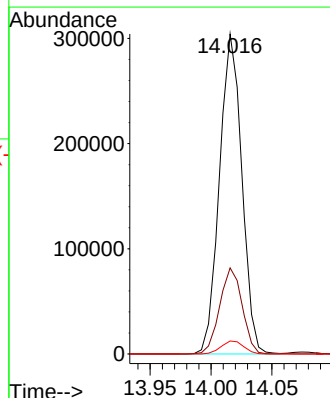
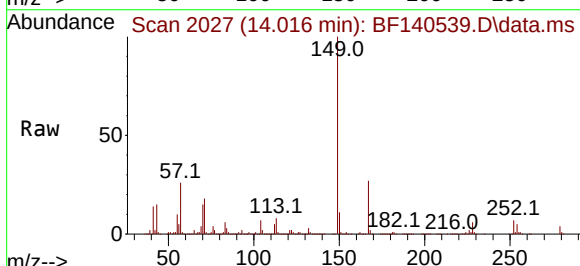
Tgt Ion:149 Resp: 389023

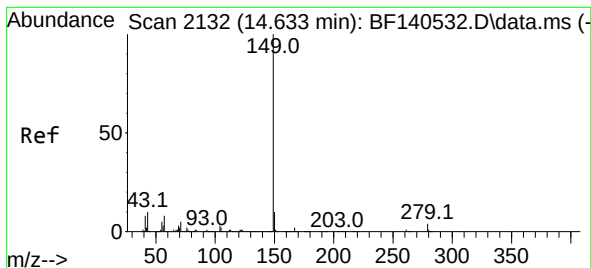
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 39.527 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

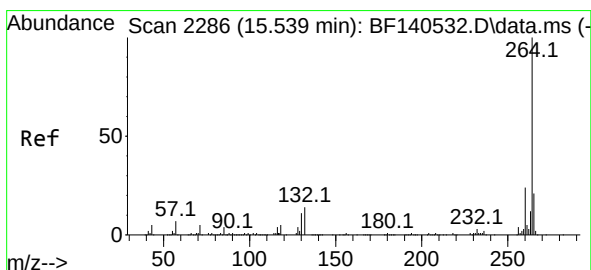
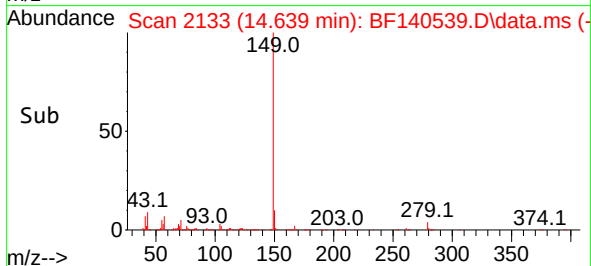
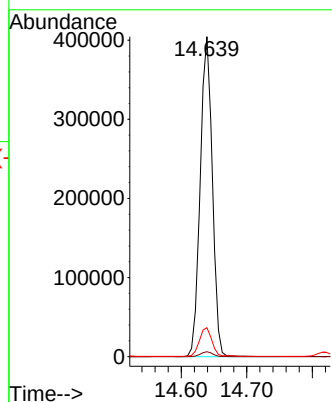
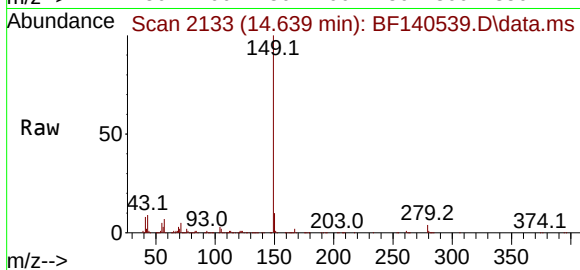
Tgt Ion:149 Resp: 521198

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

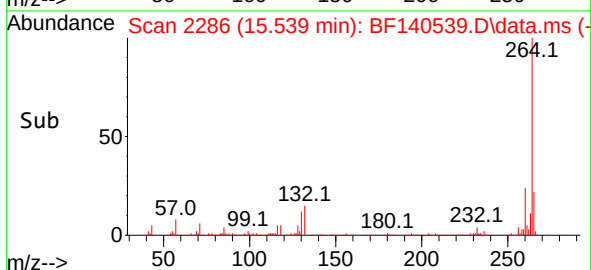
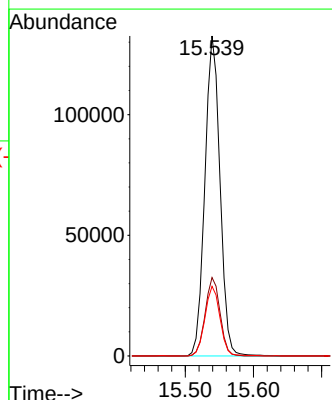
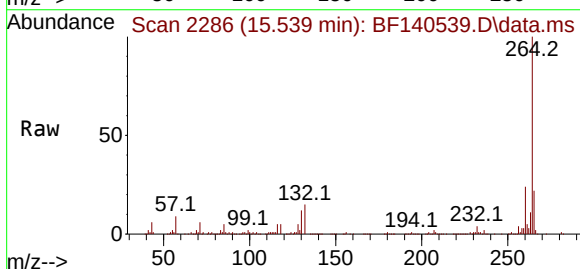
Tgt Ion:264 Resp: 204401

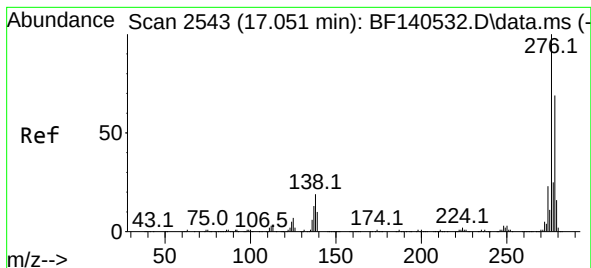
Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.115 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

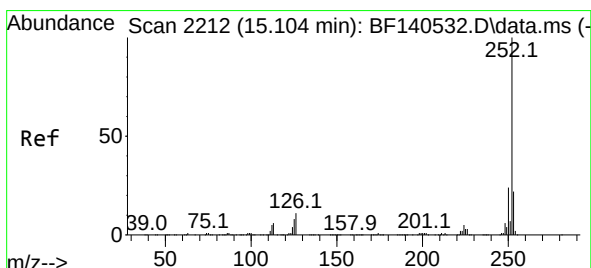
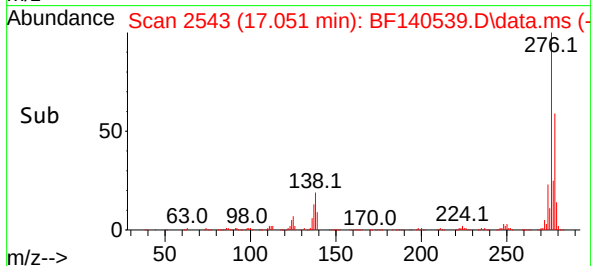
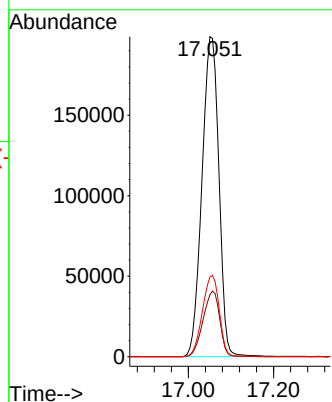
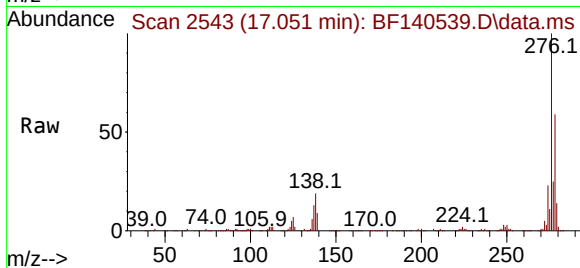
Tgt Ion:276 Resp: 547676

Ion Ratio Lower Upper

276 100

138 20.3 15.5 23.3

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 36.463 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

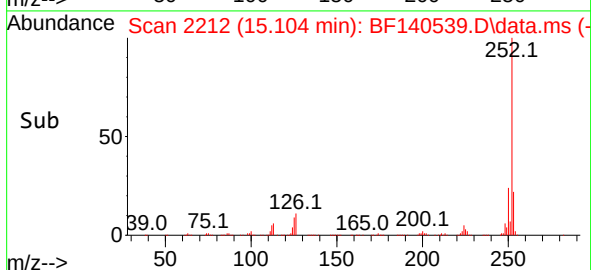
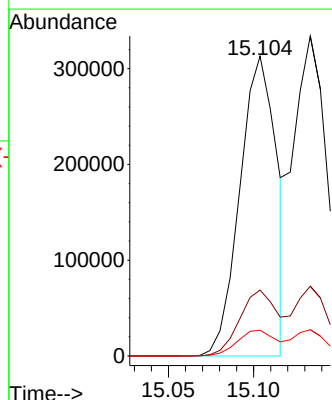
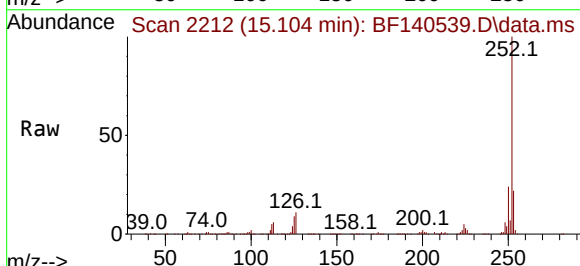
Tgt Ion:252 Resp: 468137

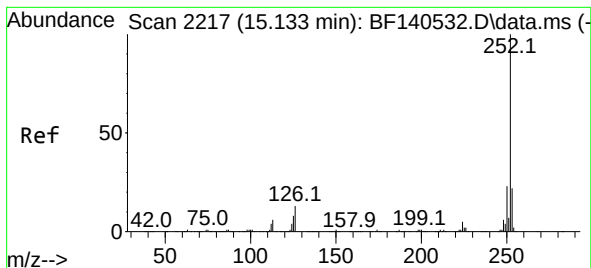
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 41.086 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

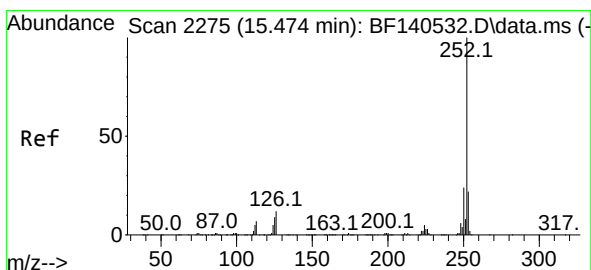
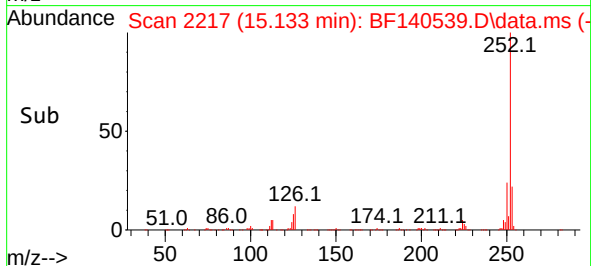
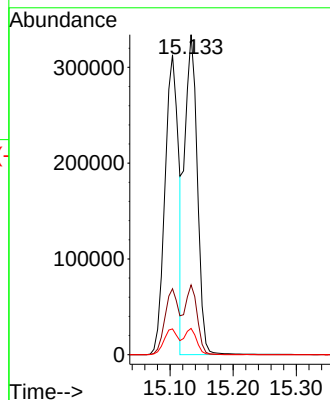
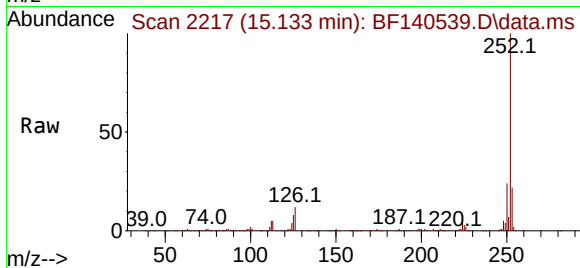
Tgt Ion:252 Resp: 461600

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.2 6.5 9.7



#90

Benzo(a)pyrene

Concen: 40.197 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

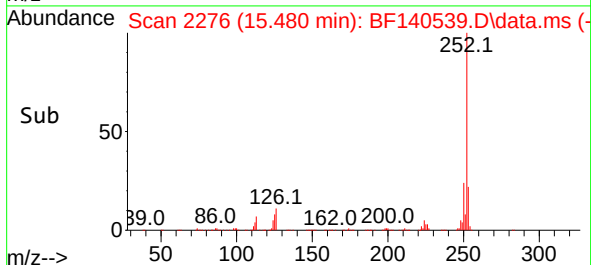
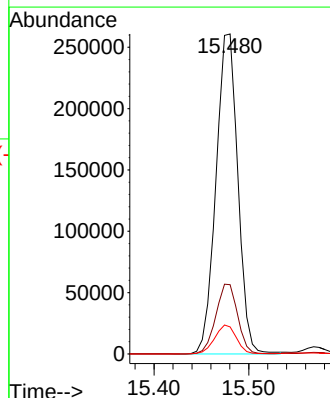
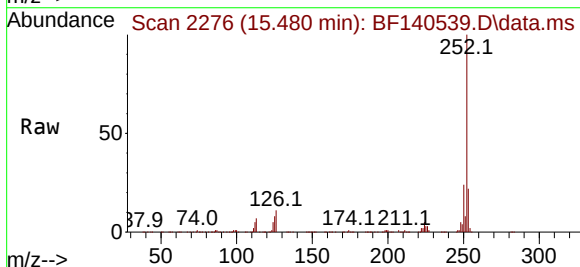
Tgt Ion:252 Resp: 419613

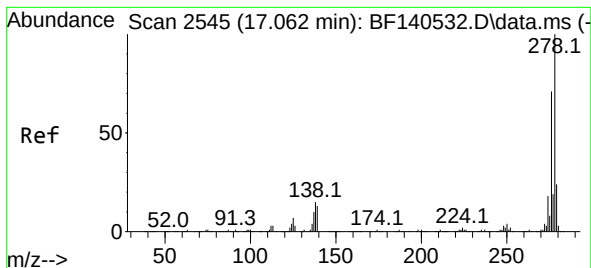
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 41.579 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

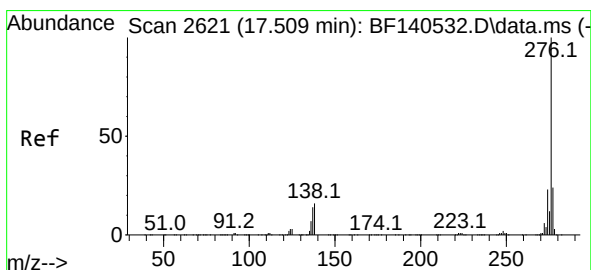
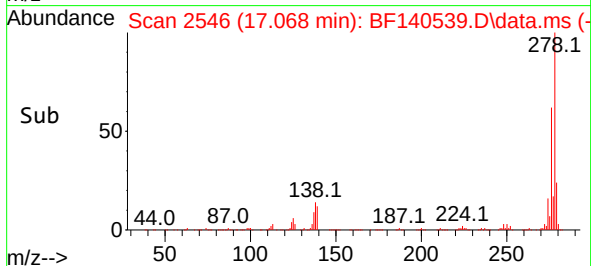
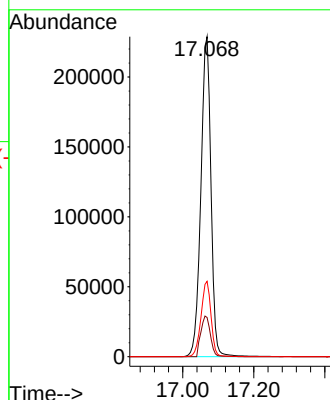
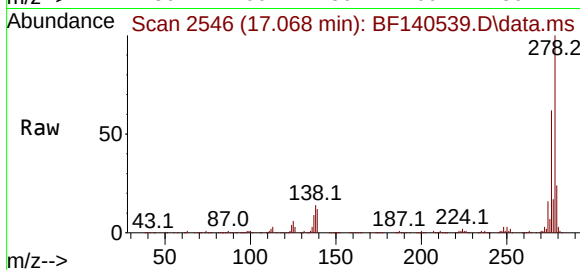
Tgt Ion:278 Resp: 453589

Ion Ratio Lower Upper

278 100

139 12.2 10.2 15.4

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 40.641 ng

RT: 17.509 min Scan# 2621

Delta R.T. 0.000 min

Lab File: BF140539.D

Acq: 21 Nov 2024 16:54

Tgt Ion:276 Resp: 452415

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 17.1 13.2 19.8

