

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
 Data File : BF140349.D
 Acq On : 13 Nov 2024 18:39
 Operator : RC/JU
 Sample : SP
 Misc : 8270-625.1 SPIKE SOLUTION
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6681

Quant Time: Nov 14 03:18:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	133243	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	521086	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	299035	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	564972	20.000	ng	0.00
76) Chrysene-d12	14.057	240	350730	20.000	ng	0.00
86) Perylene-d12	15.562	264	307539	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	

Target Compounds					Qvalue
2) 1,4-Dioxane	2.746	88	188129	54.088 ng	98
3) Pyridine	3.493	79	453275	53.010 ng	99
4) n-Nitrosodimethylamine	3.463	42	227240	52.582 ng	99
6) Aniline	6.540	93	473301	51.459 ng	97
8) 2-Chlorophenol	6.657	128	451914	53.909 ng	99
9) Benzaldehyde	6.428	77	379133	59.830 ng	99
10) Phenol	6.510	94	609710	54.682 ng	96
11) bis(2-Chloroethyl)ether	6.610	93	427374	50.586 ng	98
12) 1,3-Dichlorobenzene	6.816	146	462405	49.994 ng	99
13) 1,4-Dichlorobenzene	6.892	146	467700	49.869 ng	99
14) 1,2-Dichlorobenzene	7.045	146	451985	51.914 ng	99
15) Benzyl Alcohol	7.016	79	419177	55.028 ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	621562	53.263 ng	98
17) 2-Methylphenol	7.128	107	368916	53.497 ng	98
18) Hexachloroethane	7.387	117	175052	50.489 ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	320182	50.140 ng	98
20) 3+4-Methylphenols	7.275	107	448474	52.002 ng	97
22) Acetophenone	7.281	105	588945	48.595 ng	98
24) Nitrobenzene	7.451	77	505224	48.519 ng	98
25) Isophorone	7.692	82	908883	51.277 ng	100
26) 2-Nitrophenol	7.775	139	241519	52.268 ng	98
27) 2,4-Dimethylphenol	7.804	122	374329	63.276 ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	549684	50.576 ng	100
29) 2,4-Dichlorophenol	8.016	162	380730	52.075 ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	388246	47.697 ng	99
31) Naphthalene	8.181	128	1312446	49.650 ng	100
32) Benzoic acid	7.934	122	250678	48.156 ng	97
33) 4-Chloroaniline	8.228	127	314085	34.166 ng	99
34) Hexachlorobutadiene	8.292	225	249525	48.113 ng	99
35) Caprolactam	8.598	113	125074m	51.471 ng	
36) 4-Chloro-3-methylphenol	8.710	107	421220	51.988 ng	99
37) 2-Methylnaphthalene	8.869	142	868739	51.254 ng	99
38) 1-Methylnaphthalene	8.969	142	802694	48.361 ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	395232	47.795 ng	99
41) Hexachlorocyclopentadiene	9.022	237	436330	205.509 ng	100
43) 2,4,6-Trichlorophenol	9.145	196	288409	53.145 ng	99

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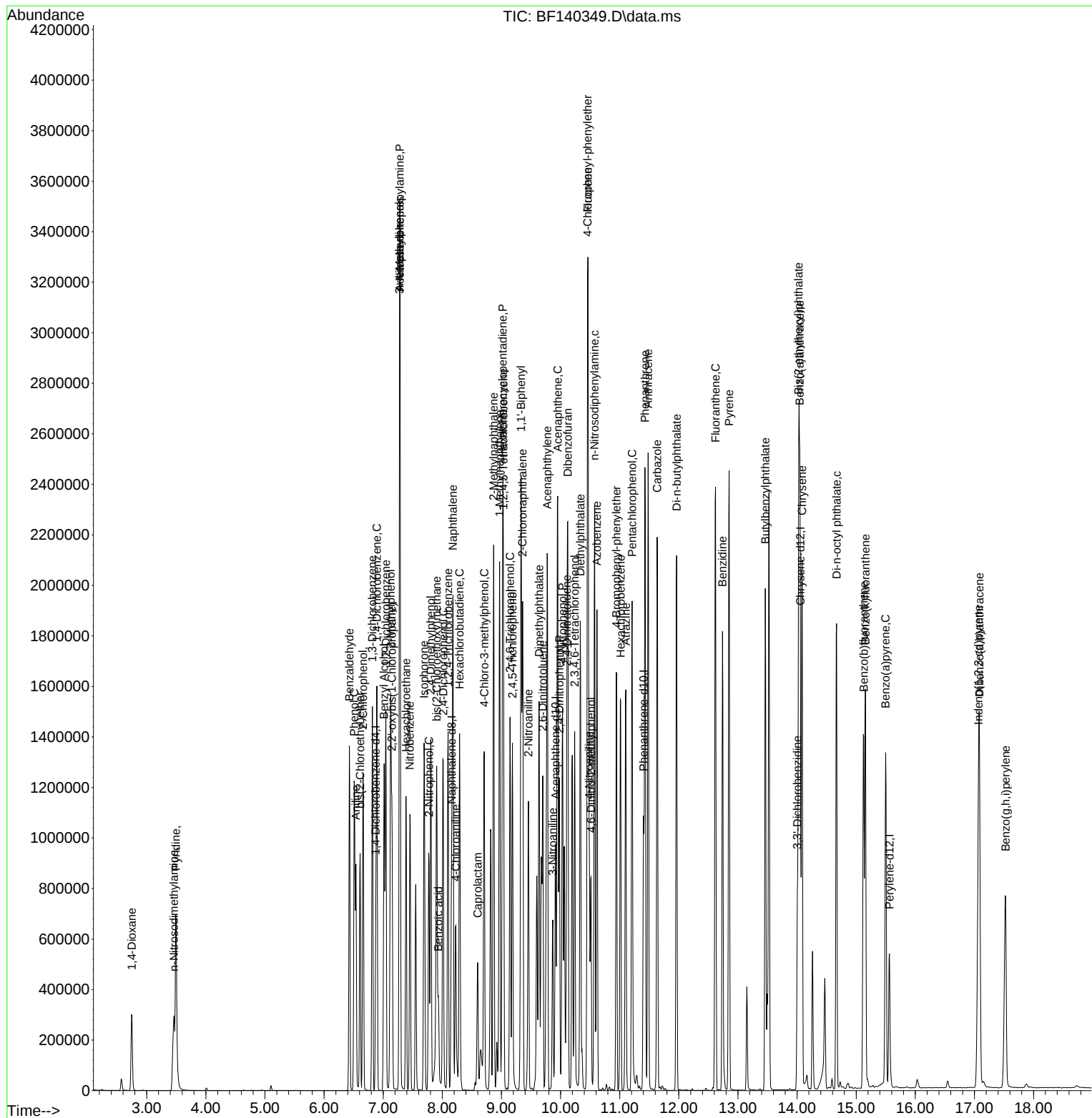
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	286437	48.276	ng	98
46) 1,1'-Biphenyl	9.333	154	1070905	49.226	ng	100
47) 2-Chloronaphthalene	9.357	162	801427	48.361	ng	99
48) 2-Nitroaniline	9.457	65	277650	50.519	ng	99
49) Acenaphthylene	9.775	152	1325101	52.849	ng	100
50) Dimethylphthalate	9.639	163	976126	50.080	ng	100
51) 2,6-Dinitrotoluene	9.698	165	215186	48.426	ng	98
52) Acenaphthene	9.951	154	944947	55.799	ng	100
53) 3-Nitroaniline	9.869	138	146311	31.353	ng	99
54) 2,4-Dinitrophenol	9.980	184	241682	105.471	ng	100
55) Dibenzofuran	10.122	168	1214343	50.653	ng	99
56) 4-Nitrophenol	10.033	139	354259	104.076	ng	98
57) 2,4-Dinitrotoluene	10.104	165	294460	50.351	ng	98
58) Fluorene	10.463	166	916619	48.399	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	253368	54.082	ng	99
60) Diethylphthalate	10.333	149	992884	49.816	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	452980	48.447	ng	98
62) 4-Nitroaniline	10.486	138	229520	48.102	ng	99
63) Azobenzene	10.616	77	993733	50.461	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	163435	53.767	ng	96
66) n-Nitrosodiphenylamine	10.575	169	817664	50.090	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	279357	49.465	ng	99
68) Hexachlorobenzene	11.016	284	305745	48.117	ng	97
69) Atrazine	11.104	200	275905	55.865	ng	98
70) Pentachlorophenol	11.210	266	329092	96.146	ng	99
71) Phenanthrene	11.427	178	1327893	50.034	ng	99
72) Anthracene	11.480	178	1358055	52.211	ng	100
73) Carbazole	11.633	167	1270595	49.472	ng	100
74) Di-n-butylphthalate	11.963	149	1552102	50.352	ng	100
75) Fluoranthene	12.621	202	1450636	48.719	ng	100
77) Benzidine	12.739	184	986481	73.283	ng	99
78) Pyrene	12.851	202	1487575	49.585	ng	100
80) Butylbenzylphthalate	13.463	149	630929	54.746	ng	100
81) Benzo(a)anthracene	14.045	228	1140428	49.474	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	221175	30.188	ng	100
83) Chrysene	14.086	228	1080088	51.355	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	861471	56.002	ng	99
85) Di-n-octyl phthalate	14.668	149	1292834	59.674	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	989018	52.060	ng	100
88) Benzo(b)fluoranthene	15.127	252	935092	46.481	ng	99
89) Benzo(k)fluoranthene	15.157	252	875140	53.250	ng	99
90) Benzo(a)pyrene	15.498	252	841057	53.835	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	808492	51.486	ng	99
92) Benzo(g,h,i)perylene	17.527	276	741766	46.205	ng	100

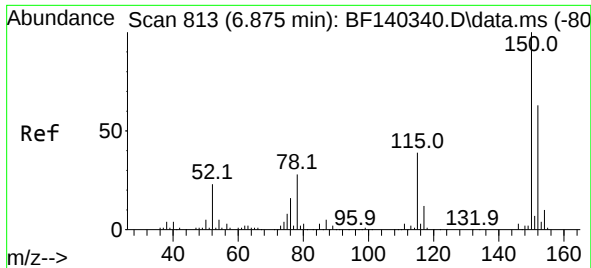
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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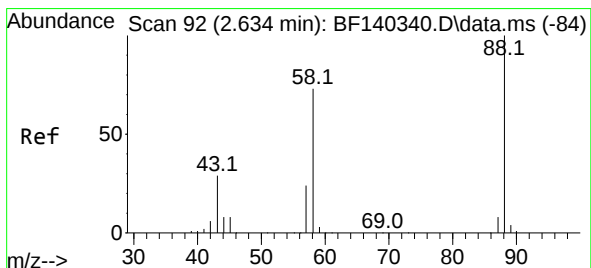
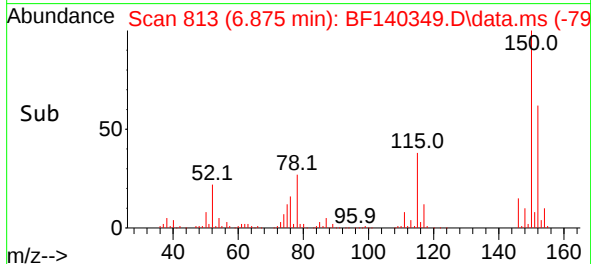
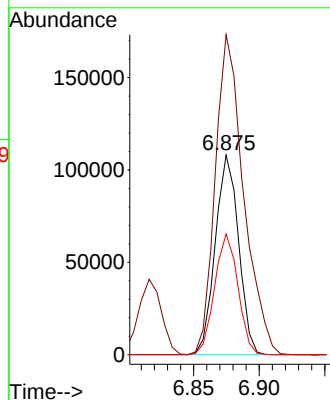
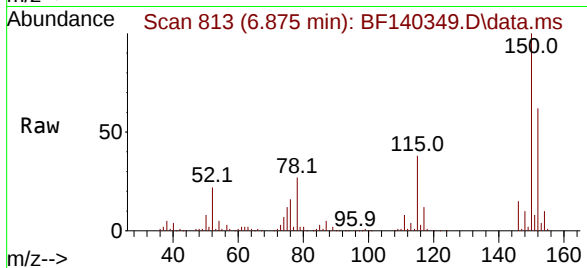




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

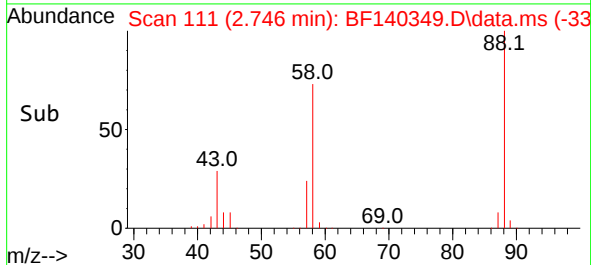
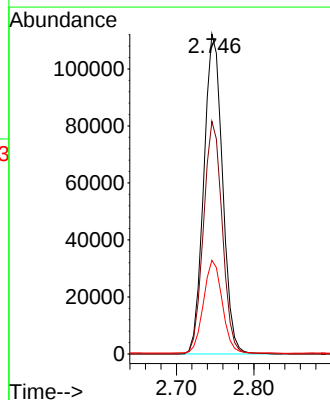
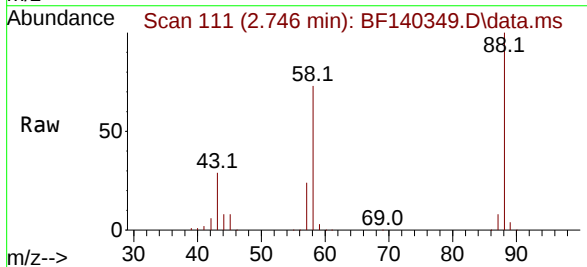
Instrument :
BNA_F
ClientSampleId :
SP6681

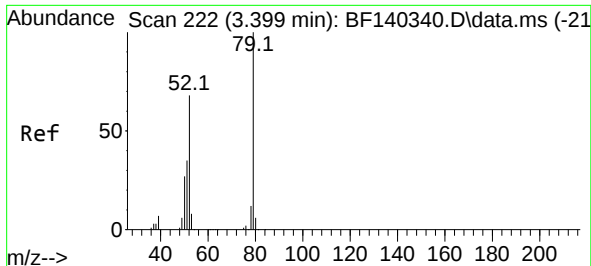
Tgt Ion:152 Resp: 133243
Ion Ratio Lower Upper
152 100
150 160.4 127.4 191.0
115 60.5 47.4 71.2



#2
1,4-Dioxane
Concen: 54.088 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.112 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion: 88 Resp: 188129
Ion Ratio Lower Upper
88 100
58 72.8 59.5 89.3
43 28.9 23.4 35.2





#3

Pyridine

Concen: 53.010 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

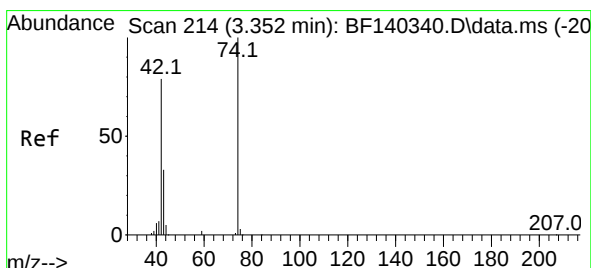
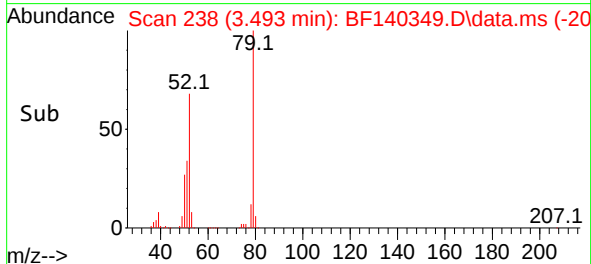
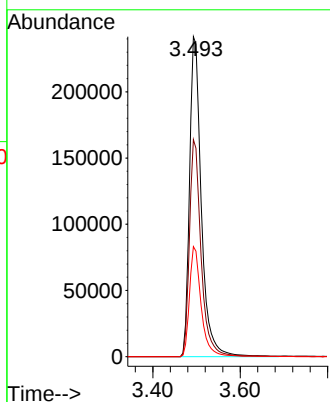
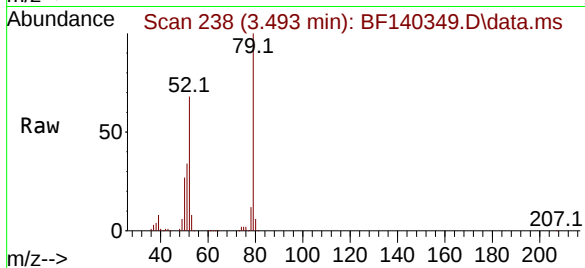
Tgt Ion: 79 Resp: 453275

Ion Ratio Lower Upper

79 100

52 67.9 53.8 80.6

51 34.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 52.582 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.106 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

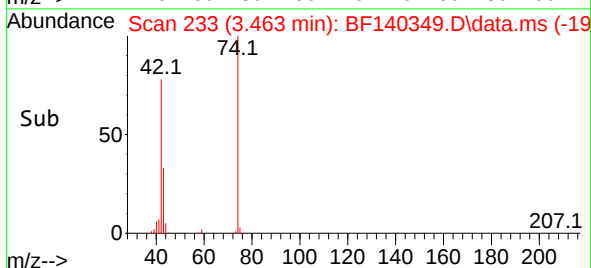
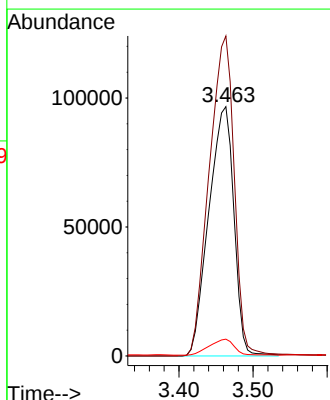
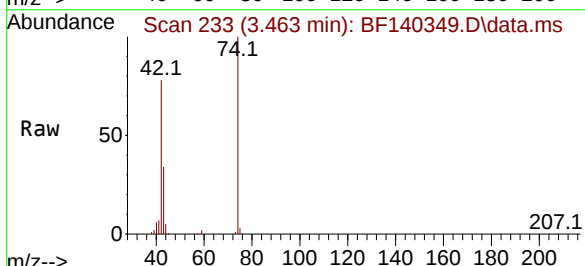
Tgt Ion: 42 Resp: 227240

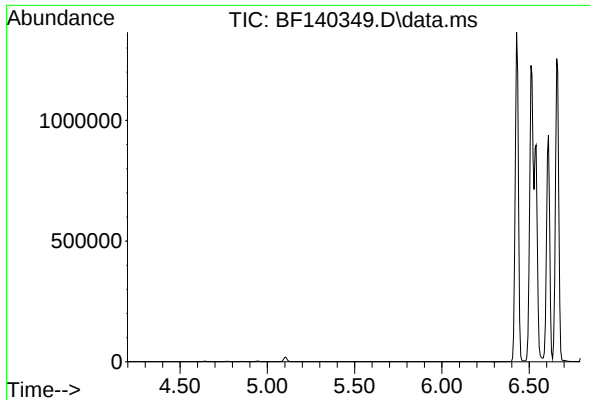
Ion Ratio Lower Upper

42 100

74 128.3 103.5 155.3

44 6.8 5.1 7.7

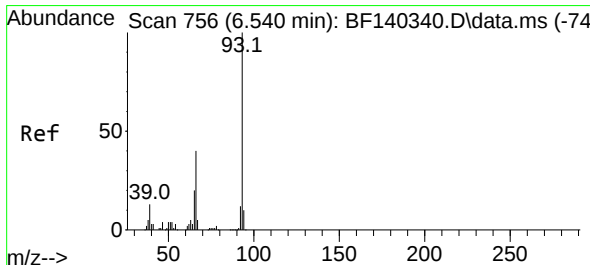
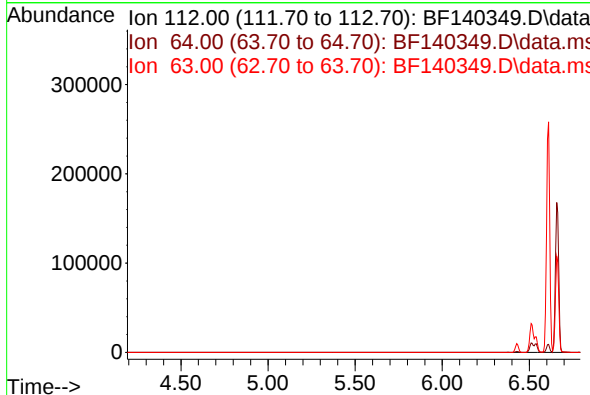




#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

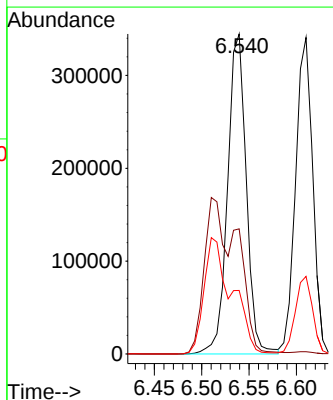
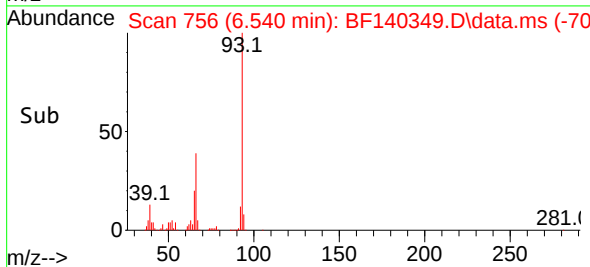
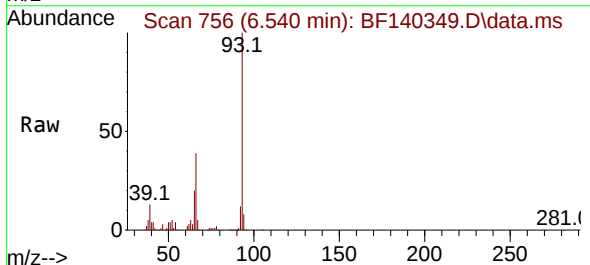
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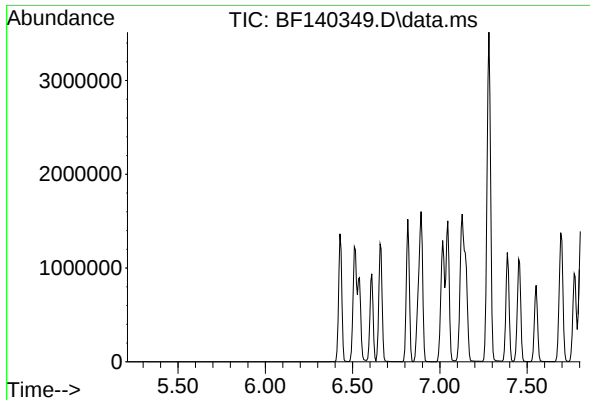
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 61.5
 63 32.0



#6
 Aniline
 Concen: 51.459 ng
 RT: 6.540 min Scan# 756
 Delta R.T. -0.000 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

Tgt Ion: 93 Resp: 473301
 Ion Ratio Lower Upper
 93 100
 66 39.1 32.8 49.2
 65 19.9 16.6 25.0



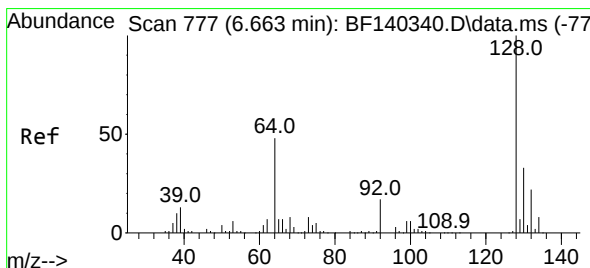
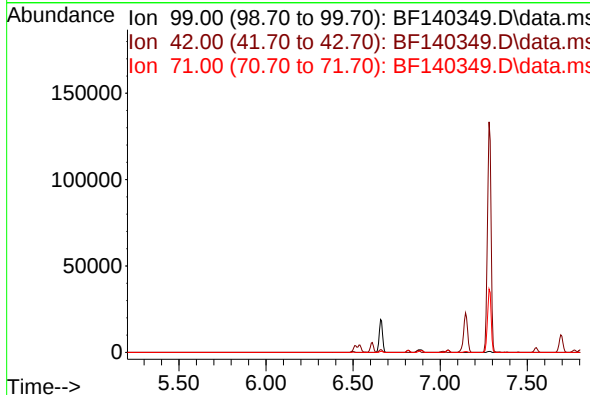


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.50 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SP6681

Tgt Ion: 99

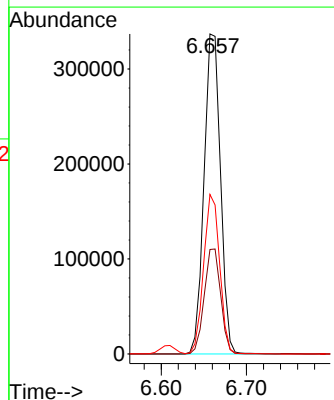
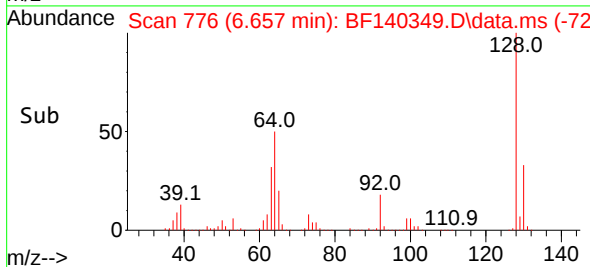
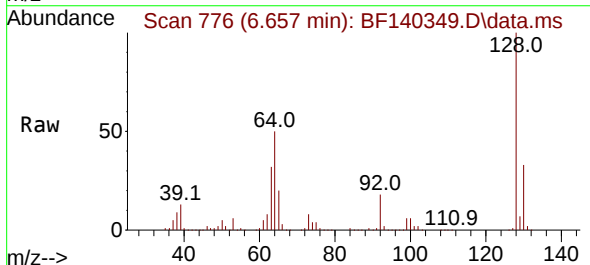
Sig	Exp Ratio
99	100
42	18.9
71	34.9

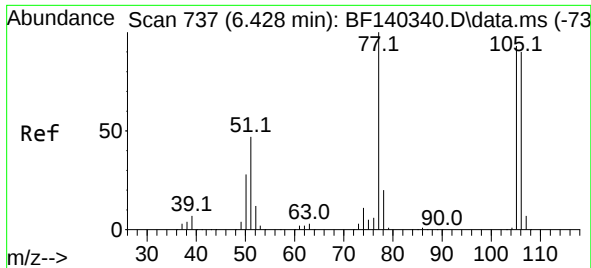


#8
 2-Chlorophenol
 Concen: 53.909 ng
 RT: 6.657 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

Tgt Ion: 128 Resp: 451914

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.2	52.2
64	49.8	30.2	70.2

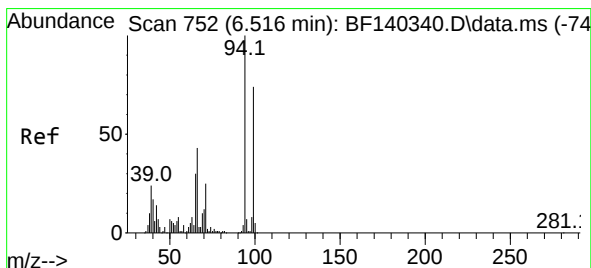
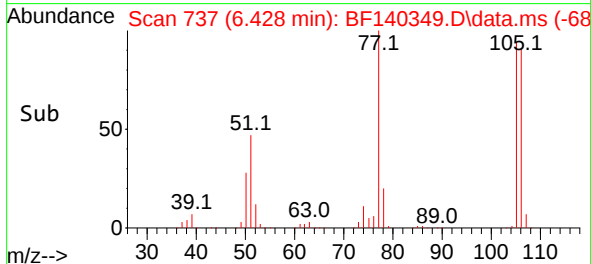
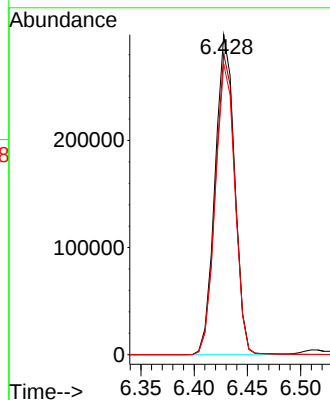
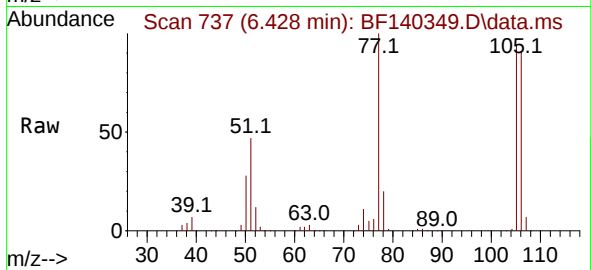




#9
Benzaldehyde
Concen: 59.830 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

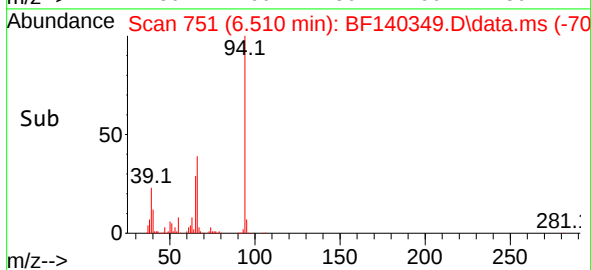
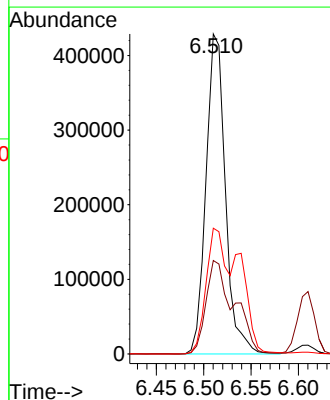
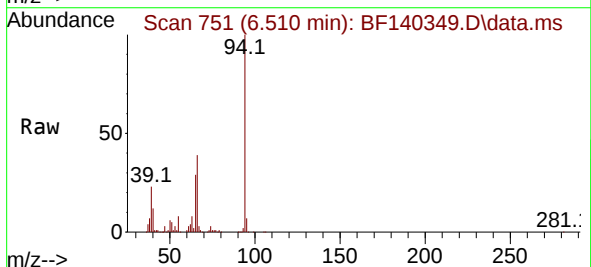
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Tgt Ion: 77 Resp: 379133
Ion Ratio Lower Upper
77 100
105 94.0 74.4 114.4
106 90.9 69.9 109.9



#10
Phenol
Concen: 54.682 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion: 94 Resp: 609710
Ion Ratio Lower Upper
94 100
65 29.2 10.4 50.4
66 39.3 22.9 62.9

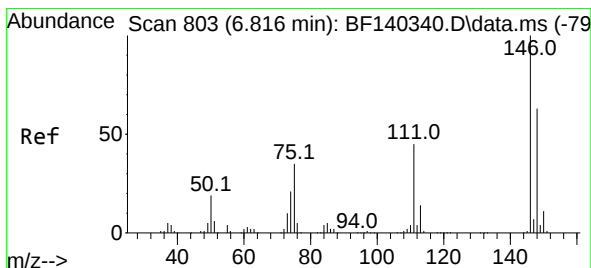
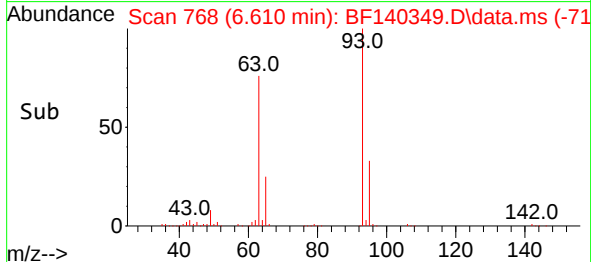
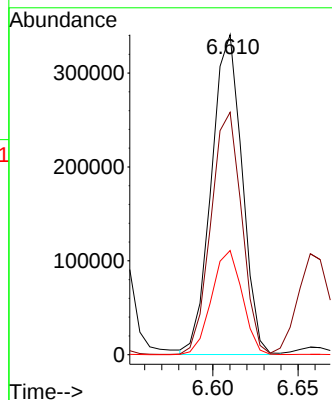
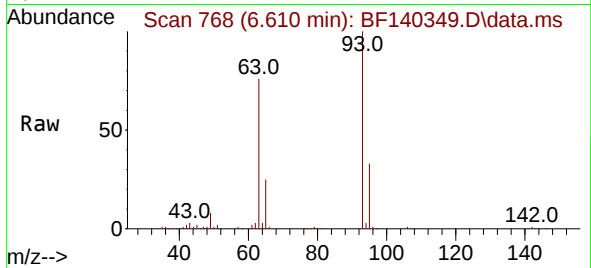




#11
bis(2-Chloroethyl)ether
Concen: 50.586 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

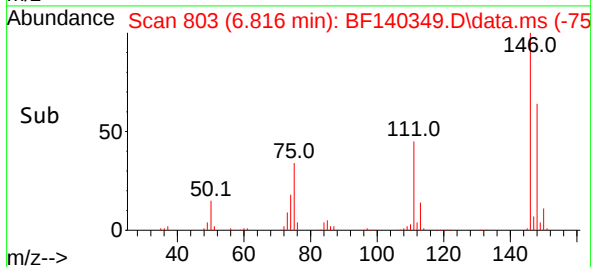
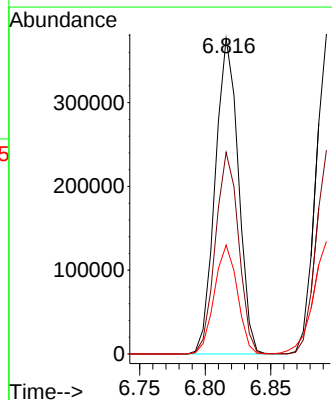
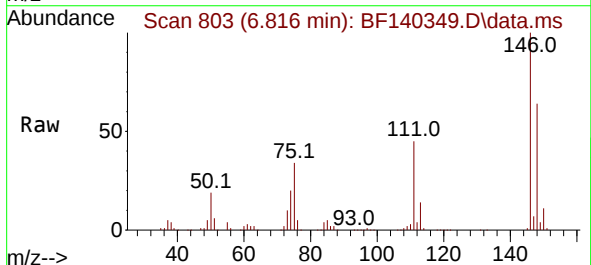
Instrument :
BNA_F
ClientSampleId :
SP6681

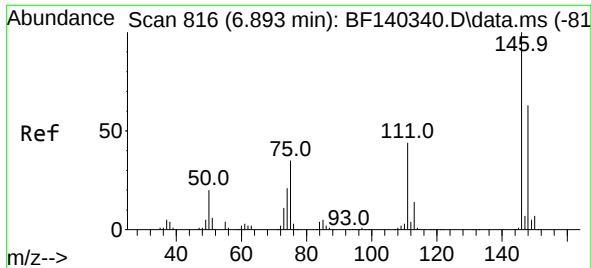
Tgt Ion: 93 Resp: 427374
Ion Ratio Lower Upper
93 100
63 75.7 54.0 94.0
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 49.994 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion: 146 Resp: 462405
Ion Ratio Lower Upper
146 100
148 63.8 50.7 76.1
75 34.5 26.4 39.6

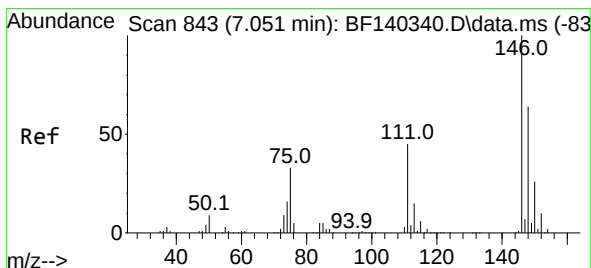
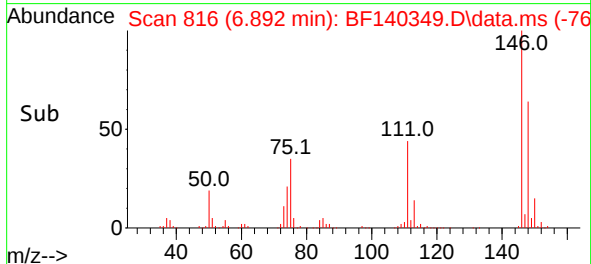
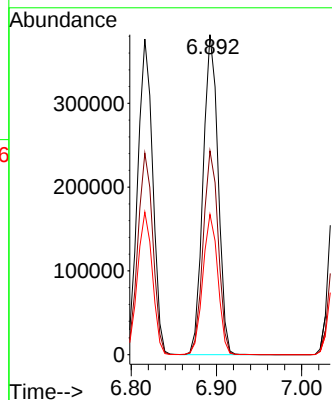
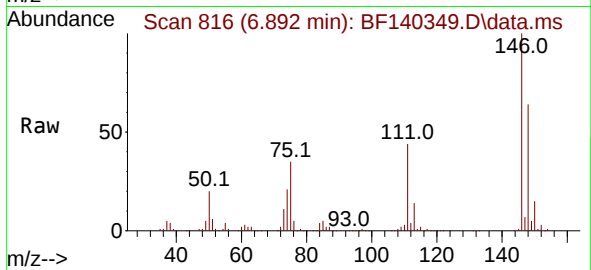




#13
1,4-Dichlorobenzene
Concen: 49.869 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

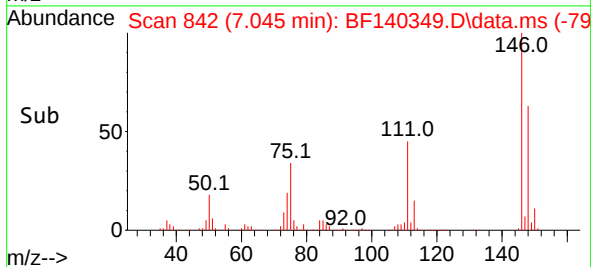
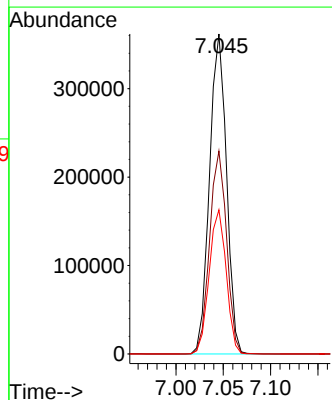
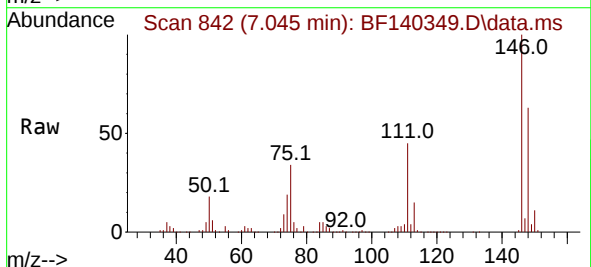
Instrument :
BNA_F
ClientSampleId :
SP6681

Tgt Ion:146 Resp: 467700
Ion Ratio Lower Upper
146 100
148 63.7 50.8 76.2
111 43.8 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 51.914 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:146 Resp: 451985
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 45.0 36.5 54.7

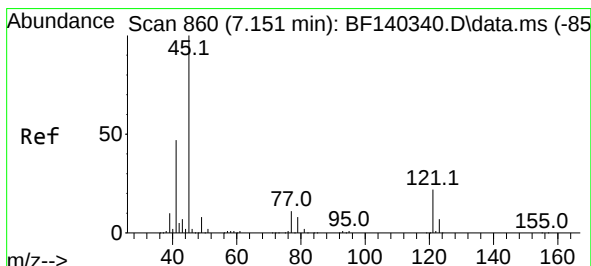
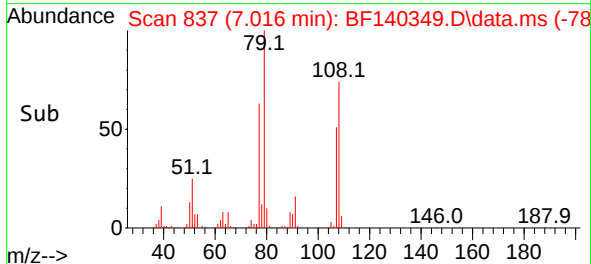
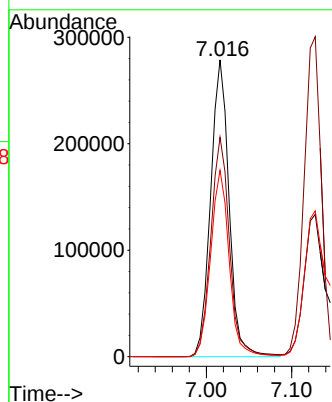
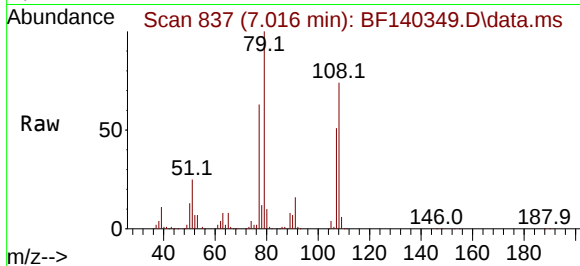




#15
Benzyl Alcohol
Concen: 55.028 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

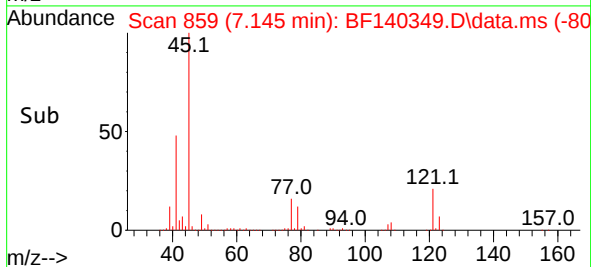
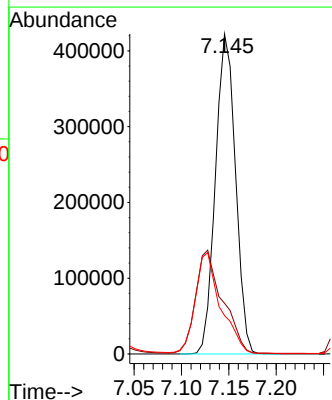
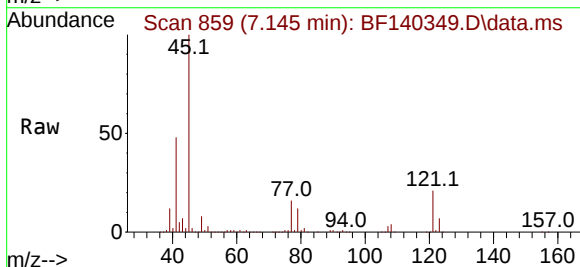
Instrument :
BNA_F
ClientSampleId :
SP6681

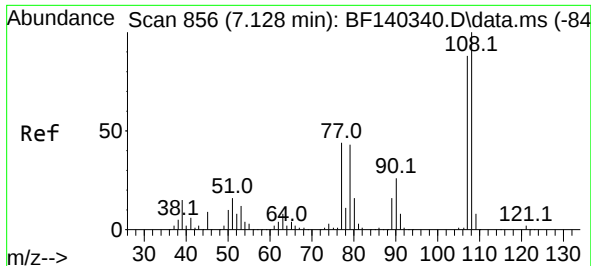
Tgt Ion: 79 Resp: 419177
Ion Ratio Lower Upper
79 100
108 73.9 57.8 86.6
77 62.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.263 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion: 45 Resp: 621562
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.8
79 12.0 0.0 31.4

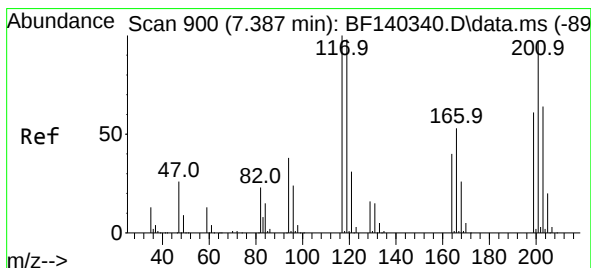
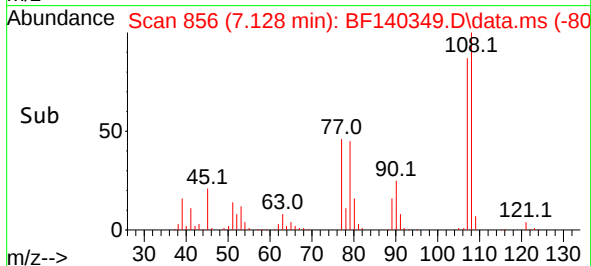
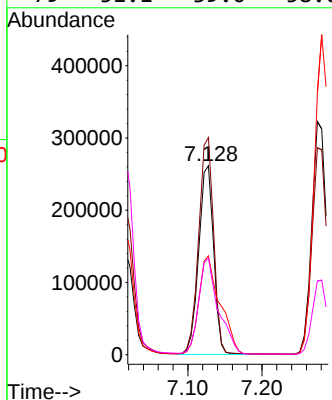
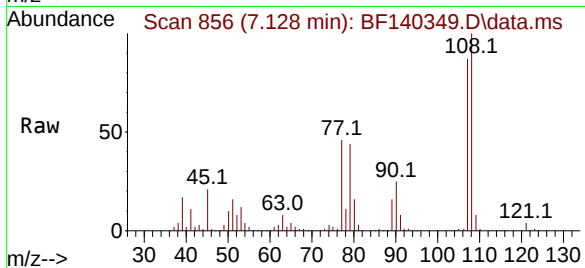




#17
2-Methylphenol
Concen: 53.497 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

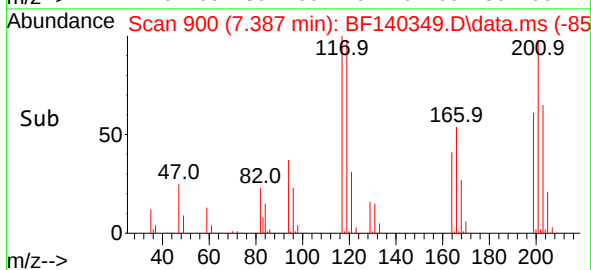
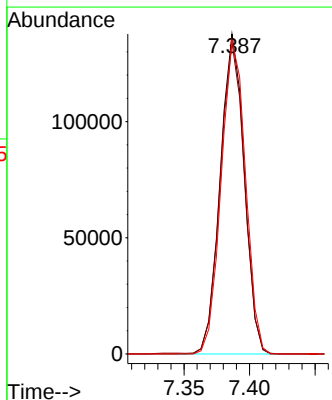
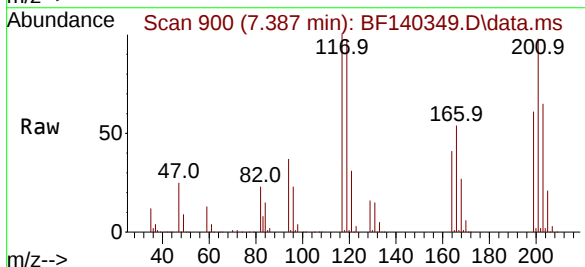
Instrument :
BNA_F
ClientSampleId :
SP6681

Tgt Ion:	107	Resp:	368916
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.9	137.9
77	52.4	39.7	59.5
79	51.1	39.0	58.6



#18
Hexachloroethane
Concen: 50.489 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:	117	Resp:	175052
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.9	115.3
201	98.0	80.2	120.4

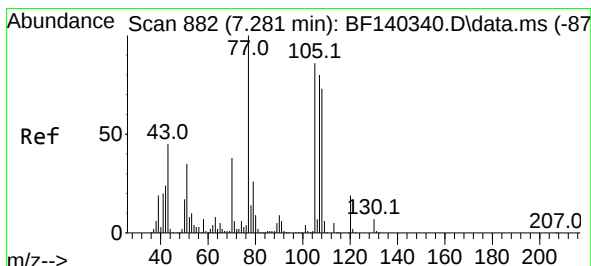
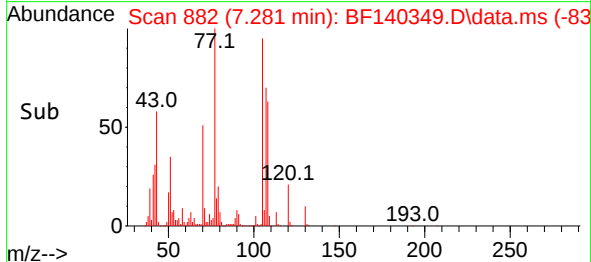
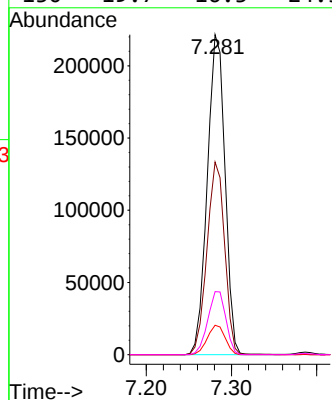
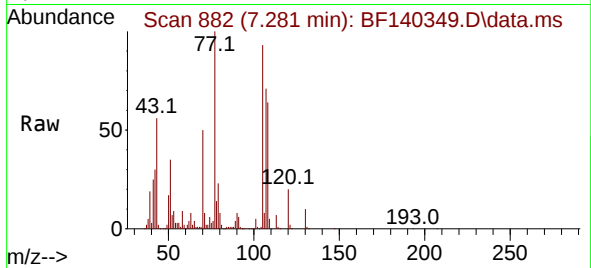




#19
n-Nitroso-di-n-propylamine
Concen: 50.140 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

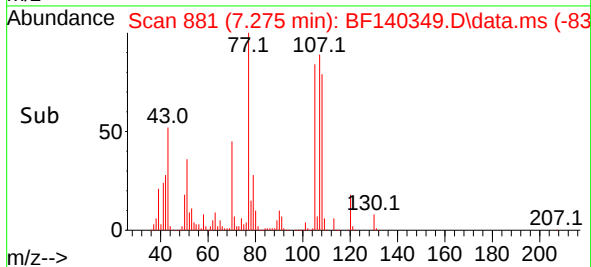
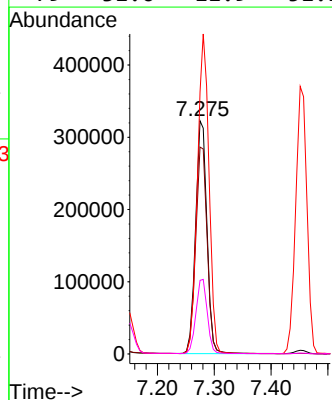
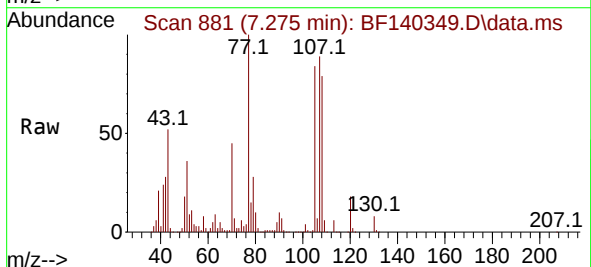
Instrument :
BNA_F
ClientSampleId :
SP6681

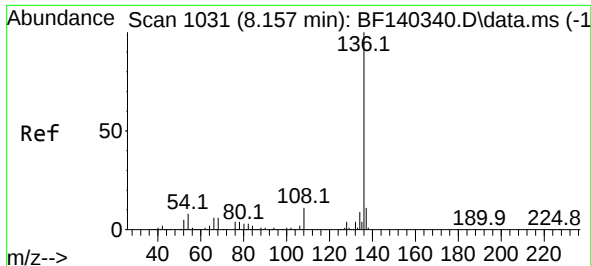
Tgt Ion: 70 Resp: 320182
Ion Ratio Lower Upper
70 100
42 60.2 46.8 70.2
101 9.2 7.5 11.3
130 19.7 16.3 24.5



#20
3+4-Methylphenols
Concen: 52.002 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion: 107 Resp: 448474
Ion Ratio Lower Upper
107 100
108 88.8 71.4 111.4
77 112.4 97.0 137.0
79 31.6 11.9 51.9



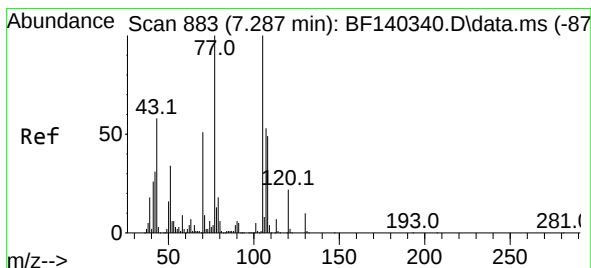
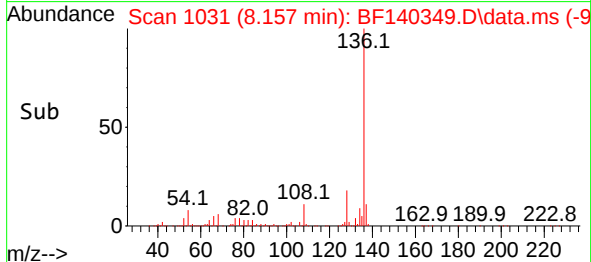
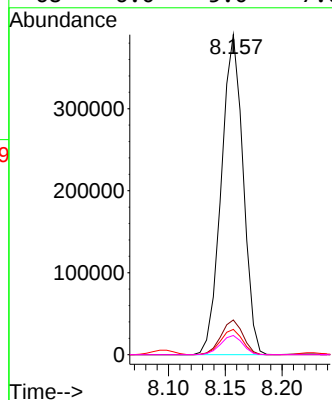
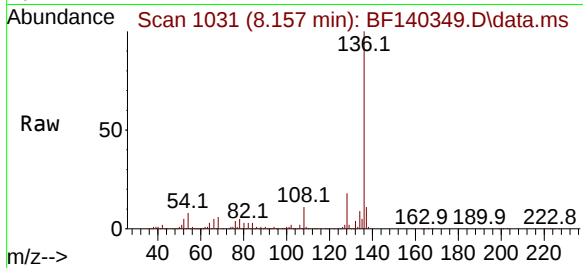


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Instrument :
BNA_F
ClientSampleId :
SP6681

Tgt Ion:136 Resp: 521086

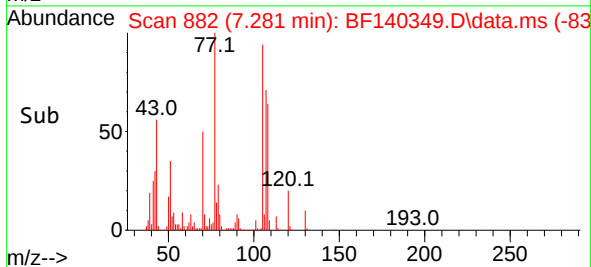
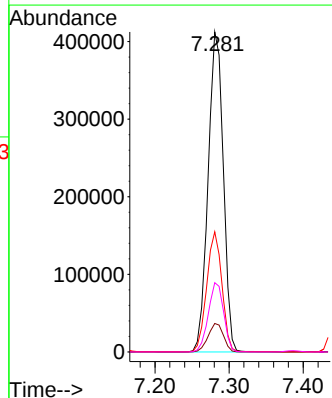
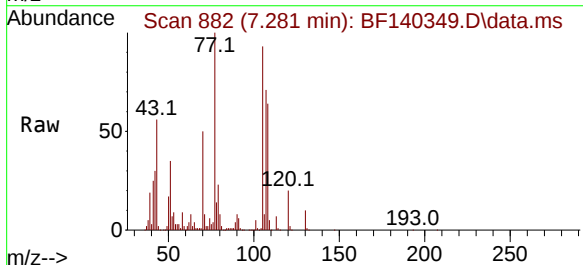
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.9	6.5	9.7
68	6.0	5.0	7.6

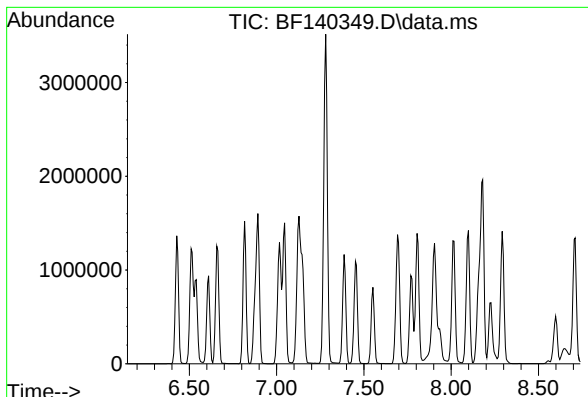


#22
Acetophenone
Concen: 48.595 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:105 Resp: 588945

Ion	Ratio	Lower	Upper
105	100		
71	8.9	6.9	10.3
51	37.6	28.6	43.0
120	21.6	17.2	25.8



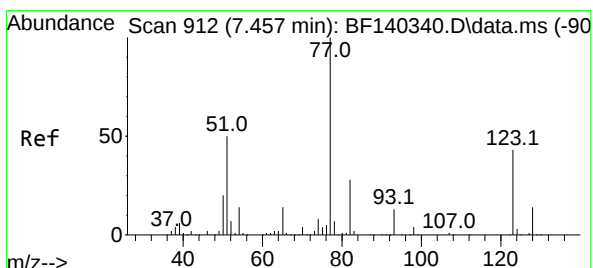
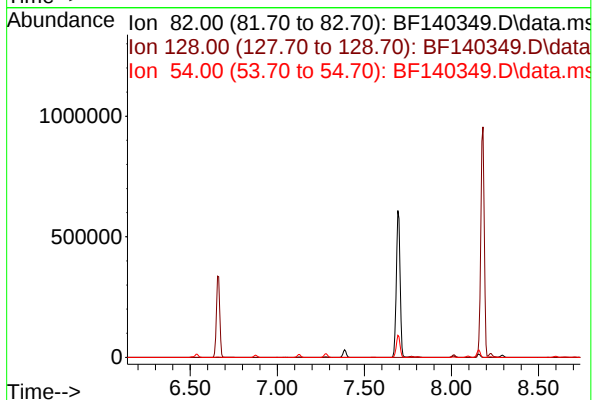


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.44 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SP6681

Tgt Ion: 82

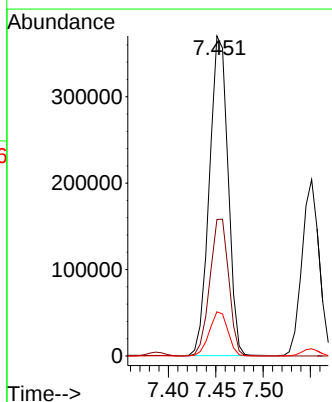
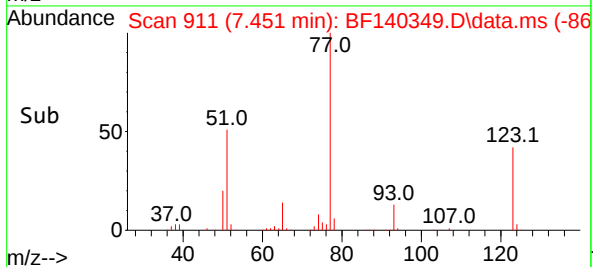
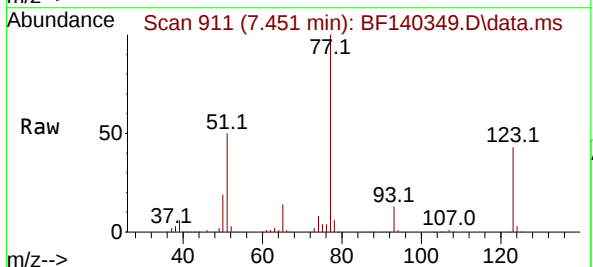
Sig	Exp Ratio
82	100
128	41.6
54	49.8



#24
 Nitrobenzene
 Concen: 48.519 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.012 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

Tgt Ion: 77 Resp: 505224

Ion	Ratio	Lower	Upper
77	100		
123	42.7	35.4	53.0
65	13.8	11.1	16.7

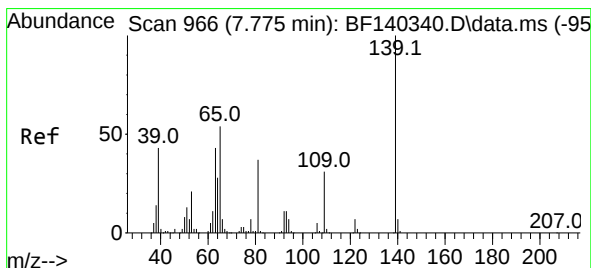
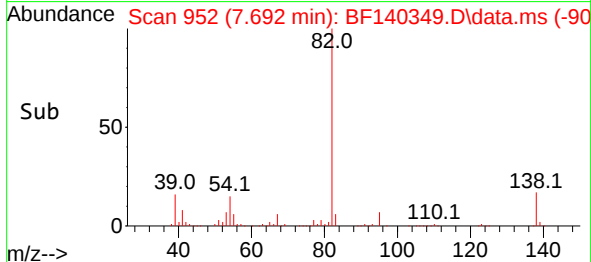
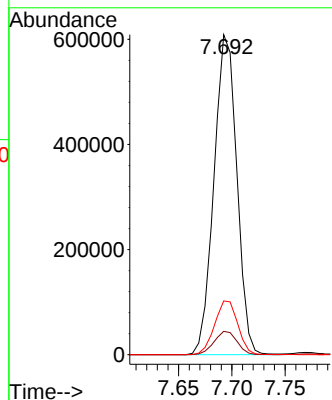
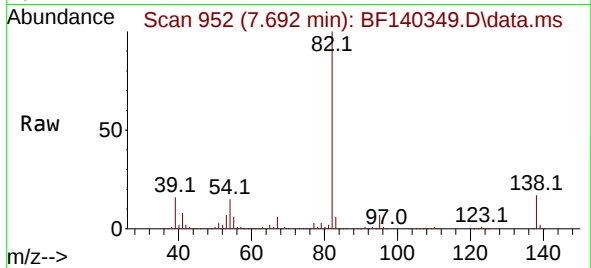




#25
Isophorone
Concen: 51.277 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

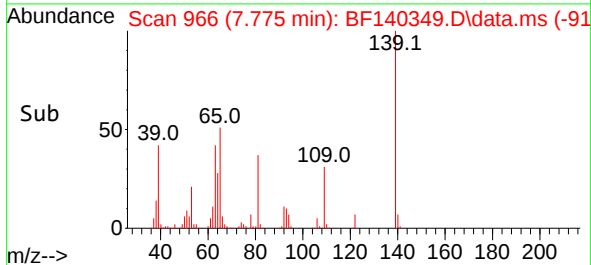
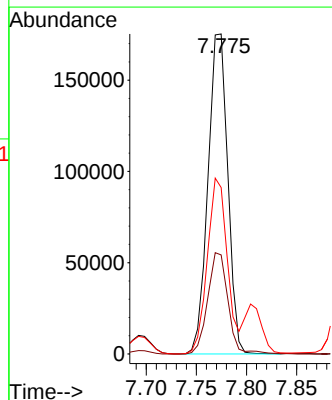
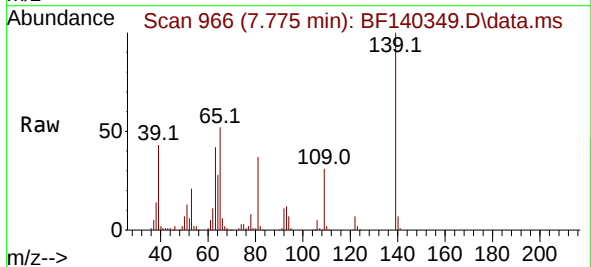
Instrument :
BNA_F
ClientSampleId :
SP6681

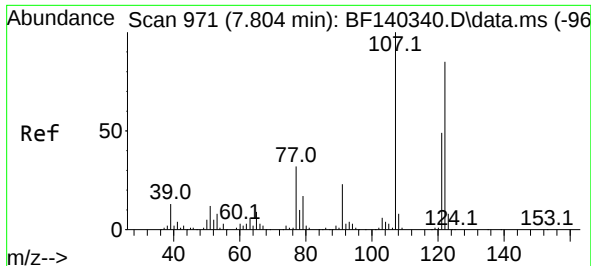
Tgt Ion: 82 Resp: 908883
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.8 13.4 20.2



#26
2-Nitrophenol
Concen: 52.268 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:139 Resp: 241519
Ion Ratio Lower Upper
139 100
109 30.9 24.4 36.6
65 52.0 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 63.276 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

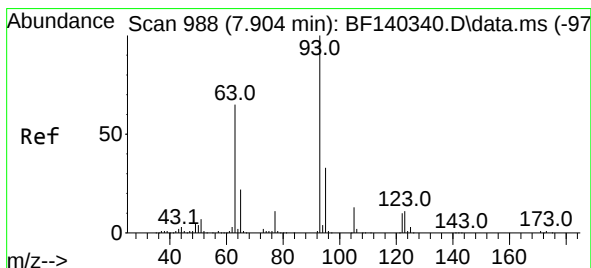
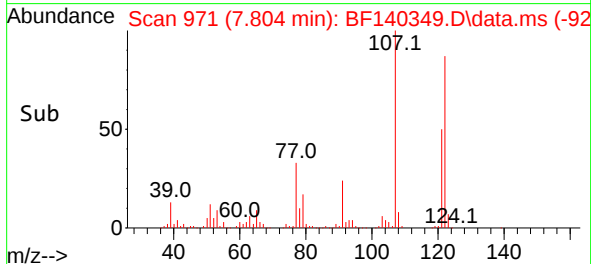
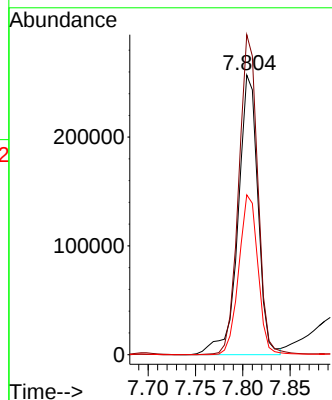
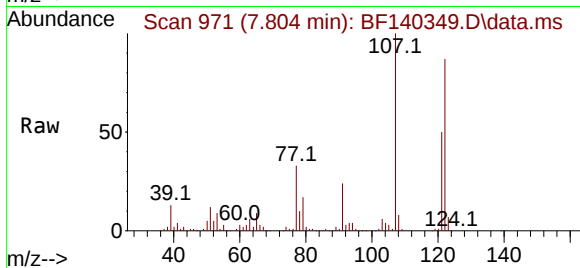
Tgt Ion:122 Resp: 374329

Ion Ratio Lower Upper

122 100

107 114.4 91.3 136.9

121 57.2 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 50.576 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

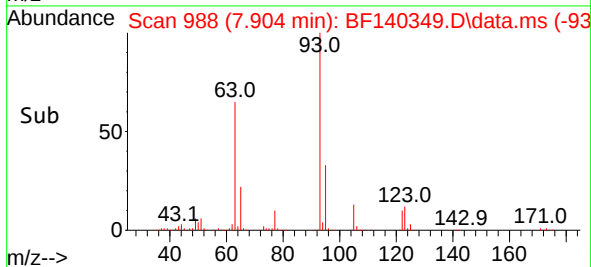
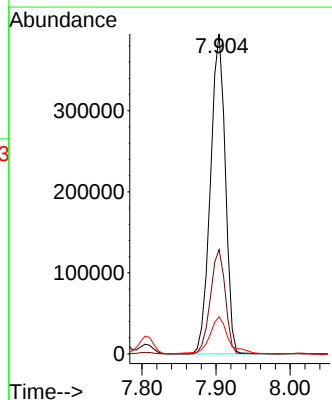
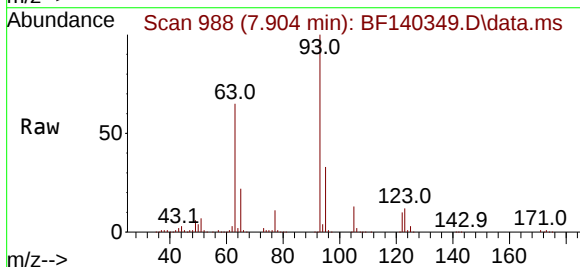
Tgt Ion: 93 Resp: 549684

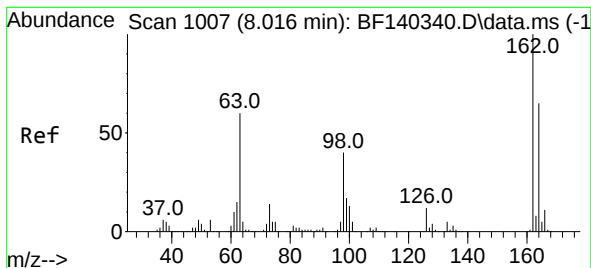
Ion Ratio Lower Upper

93 100

95 32.6 25.9 38.9

123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 52.075 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

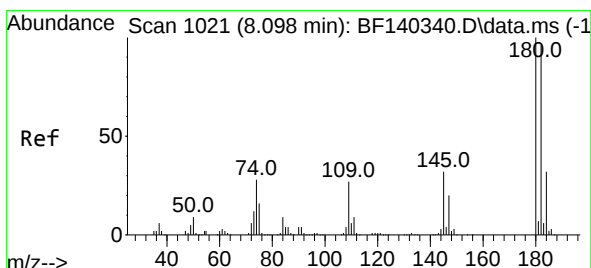
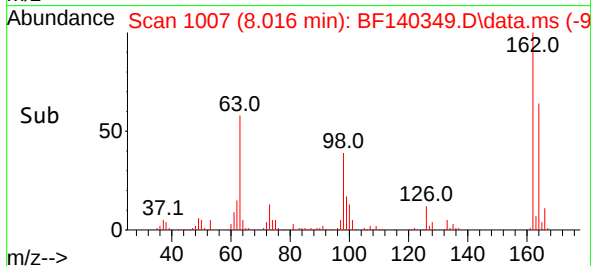
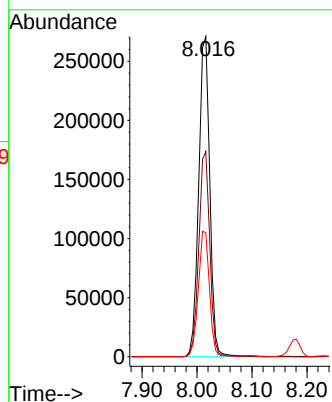
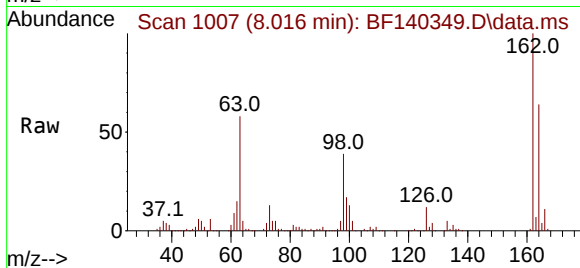
Tgt Ion:162 Resp: 380730

Ion Ratio Lower Upper

162 100

164 64.1 45.4 85.4

98 38.8 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 47.697 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

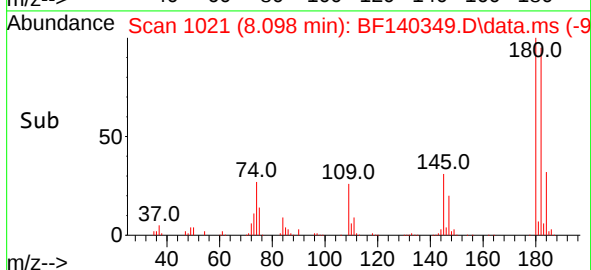
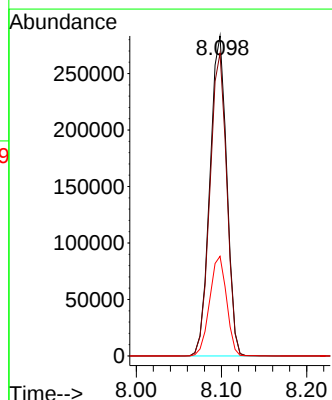
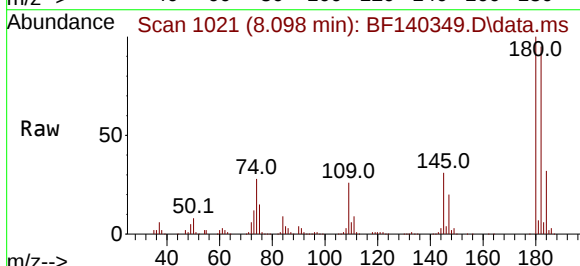
Tgt Ion:180 Resp: 388246

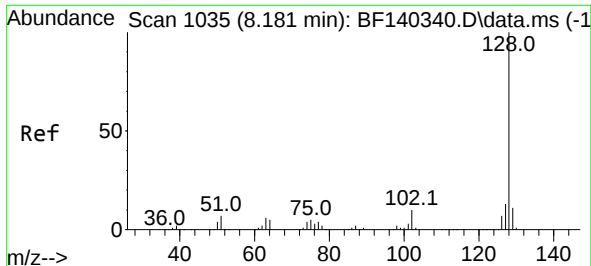
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

145 31.1 25.3 37.9

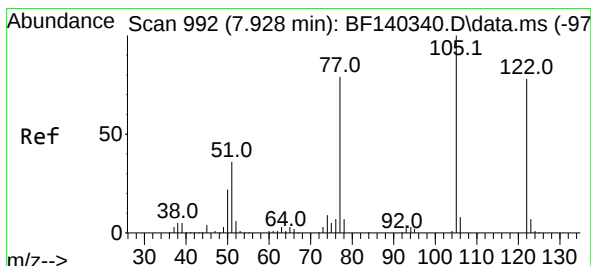
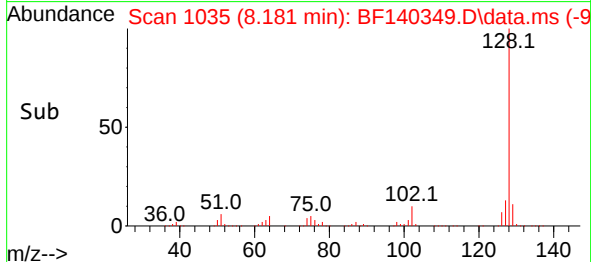
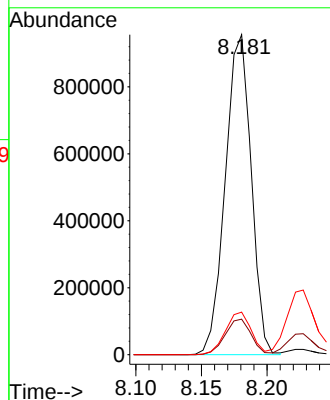
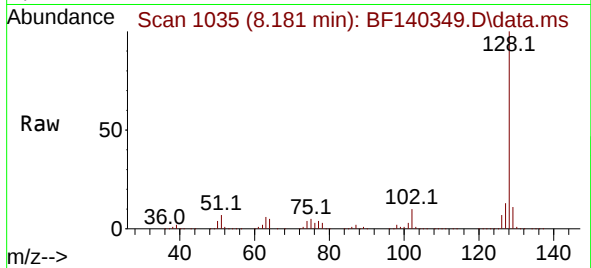




#31
Naphthalene
Concen: 49.650 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

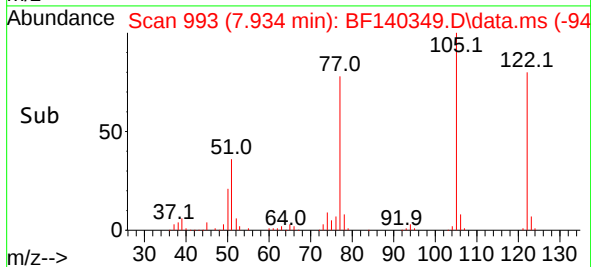
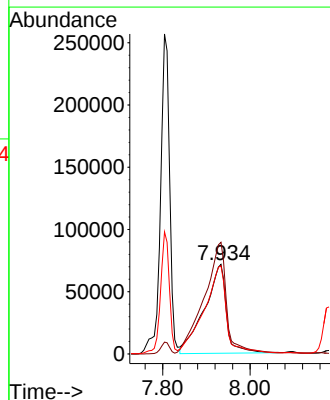
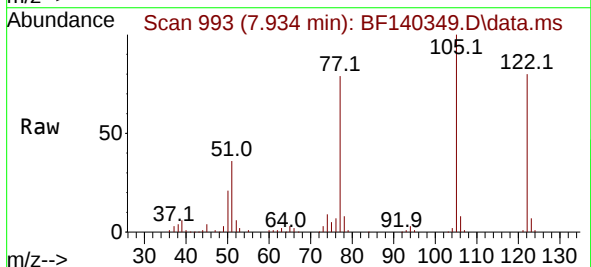
Instrument :
BNA_F
ClientSampleId :
SP6681

Tgt Ion:128 Resp: 1312446
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 48.156 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:122 Resp: 250678
Ion Ratio Lower Upper
122 100
105 124.7 100.9 140.9
77 98.4 76.0 116.0

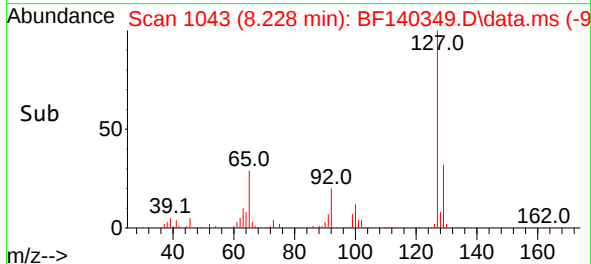
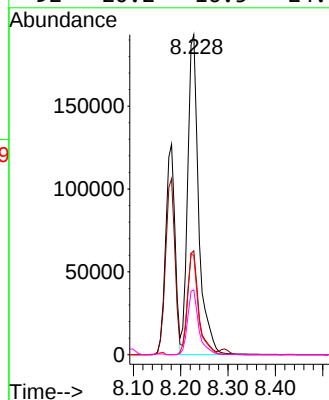
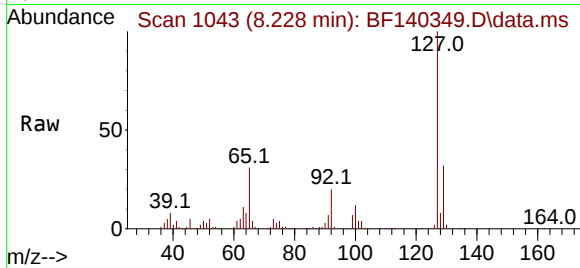




#33
4-Chloroaniline
Concen: 34.166 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

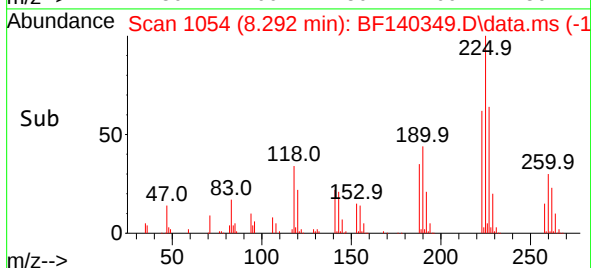
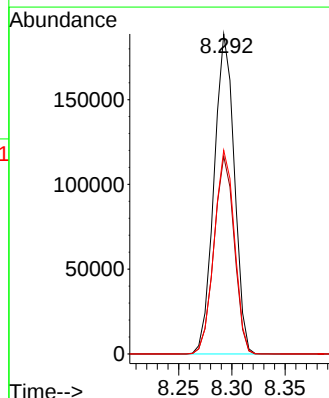
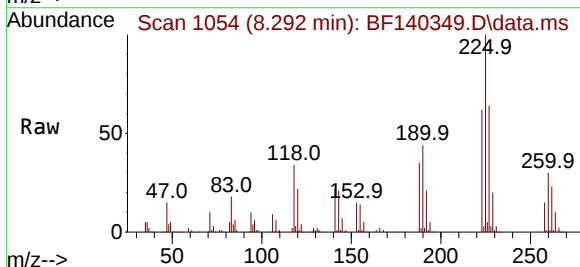
Instrument :
BNA_F
ClientSampleId :
SP6681

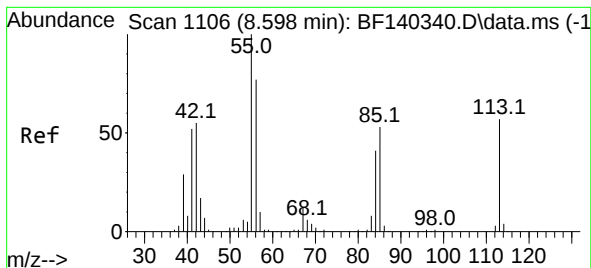
Tgt Ion:	127	Resp:	314085
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.2	39.4
65	30.9	25.8	38.6
92	20.2	16.5	24.7



#34
Hexachlorobutadiene
Concen: 48.113 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:	225	Resp:	249525
Ion Ratio	Lower	Upper	
225	100		
223	61.8	50.1	75.1
227	63.6	51.3	76.9





#35

Caprolactam

Concen: 51.471 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

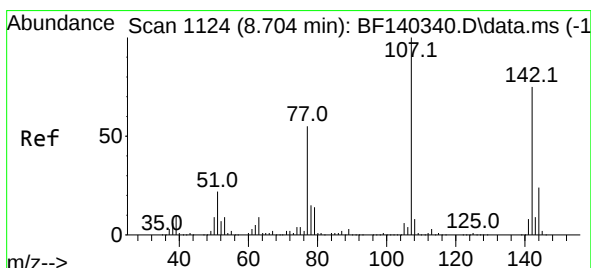
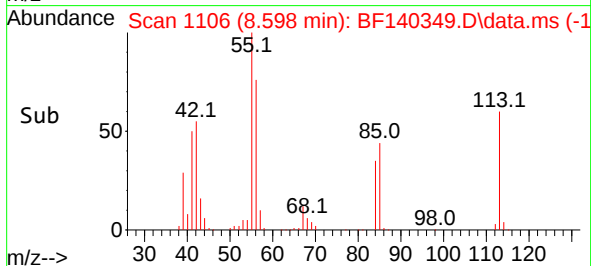
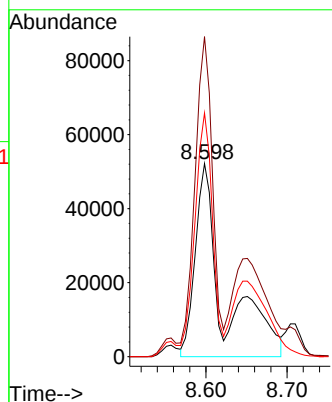
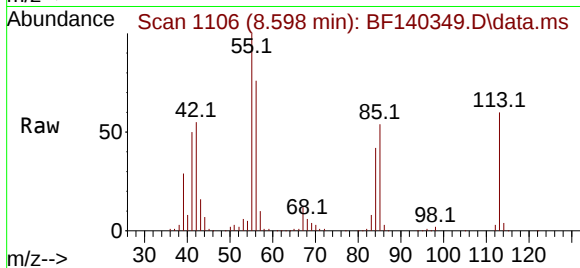
Tgt Ion:113 Resp: 125074

Ion Ratio Lower Upper

113 100

55 165.8 150.0 190.0

56 126.3 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 51.988 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

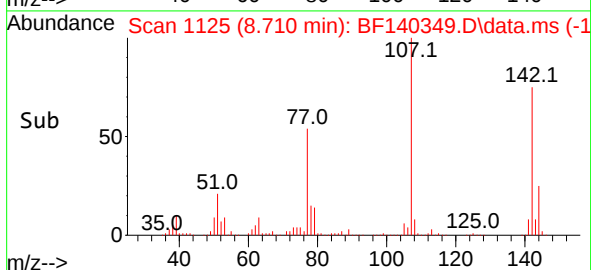
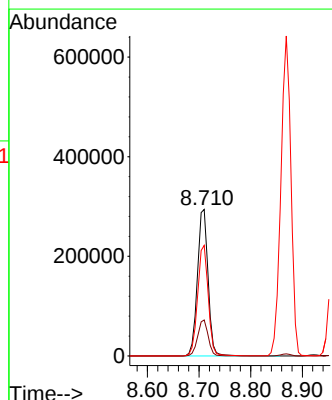
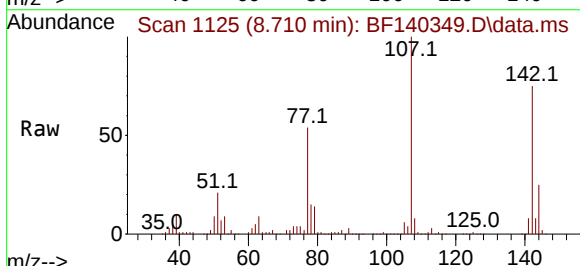
Tgt Ion:107 Resp: 421220

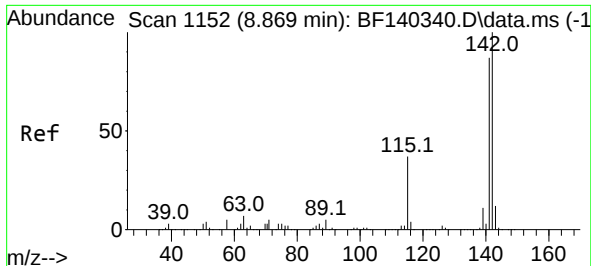
Ion Ratio Lower Upper

107 100

144 24.5 19.3 28.9

142 75.5 59.4 89.0





#37

2-Methylnaphthalene

Concen: 51.254 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

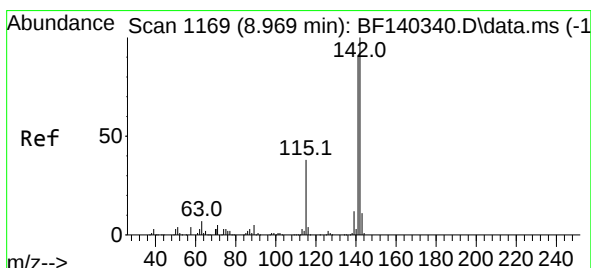
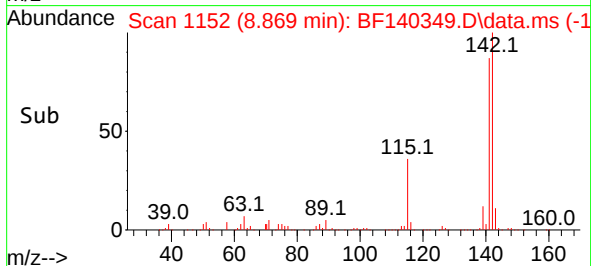
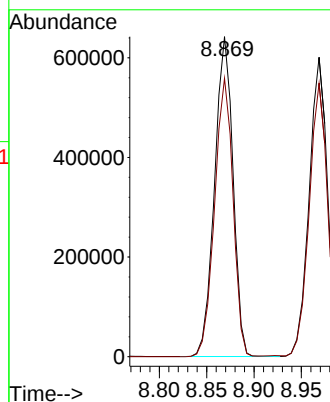
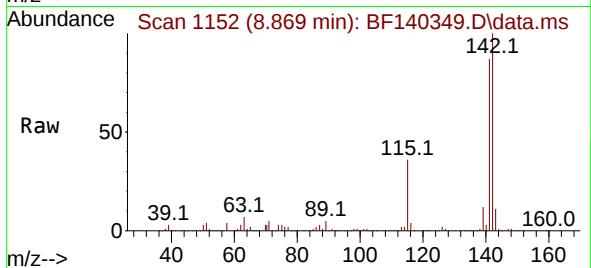
SP6681

Tgt Ion:142 Resp: 868739

Ion Ratio Lower Upper

142 100

141 87.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 48.361 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140349.D

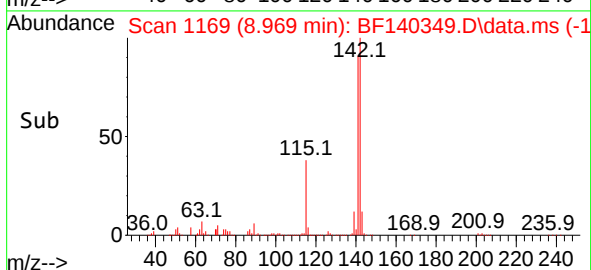
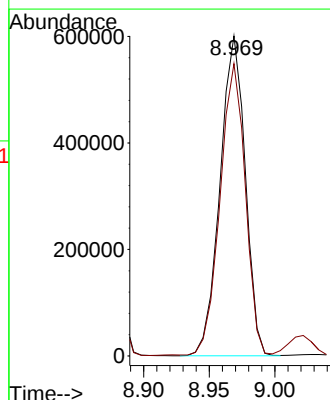
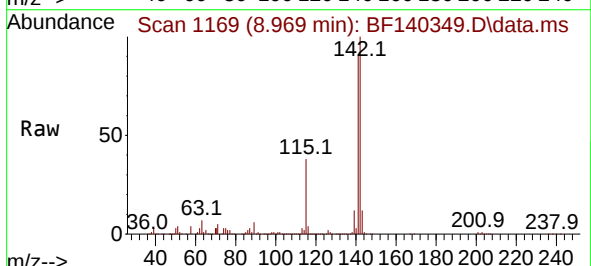
Acq: 13 Nov 2024 18:39

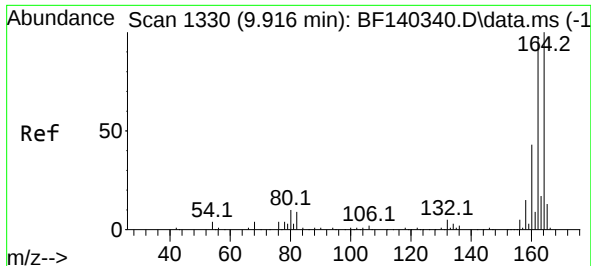
Tgt Ion:142 Resp: 802694

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

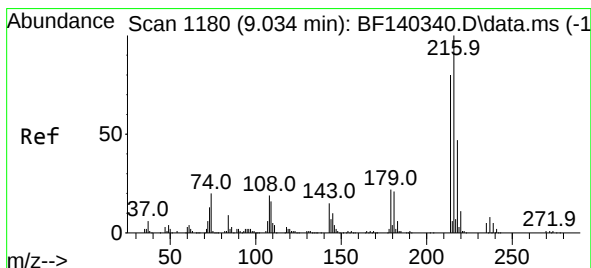
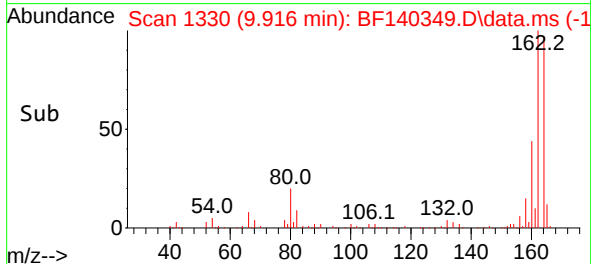
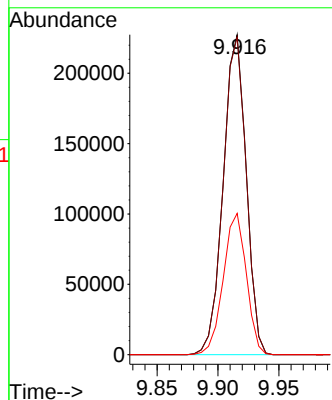
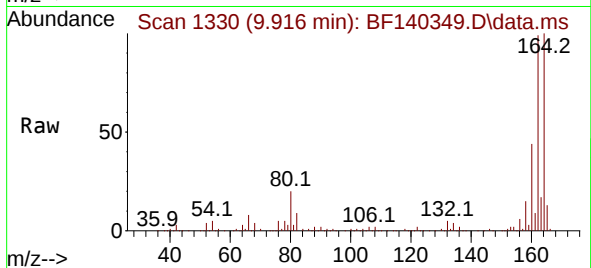
Tgt Ion:164 Resp: 299035

Ion Ratio Lower Upper

164 100

162 99.3 79.8 119.8

160 44.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.795 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Tgt Ion:216 Resp: 395232

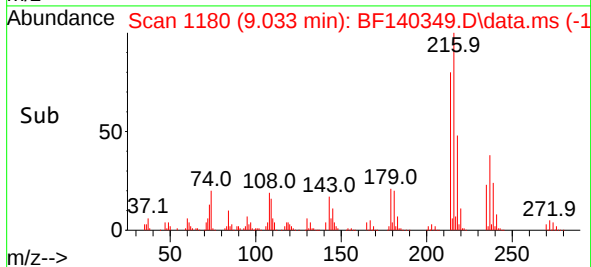
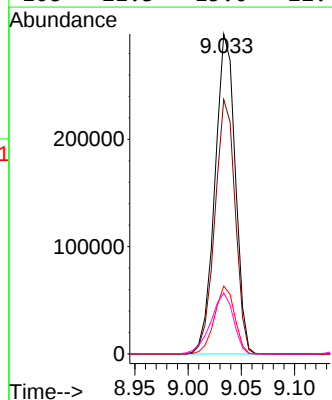
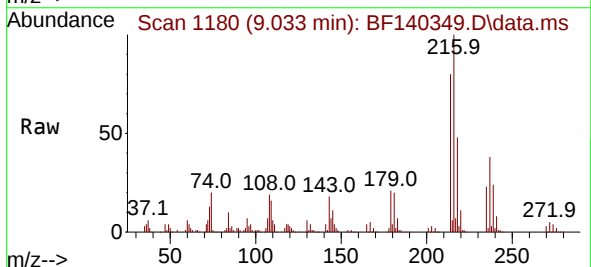
Ion Ratio Lower Upper

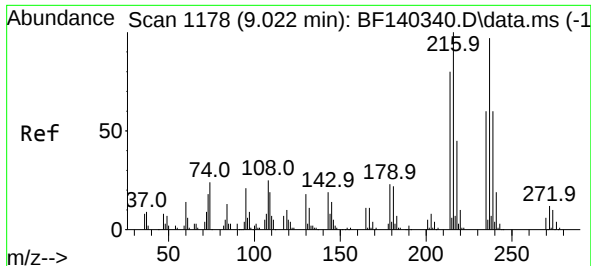
216 100

214 79.3 63.2 94.8

179 21.0 17.2 25.8

108 21.3 15.0 22.4

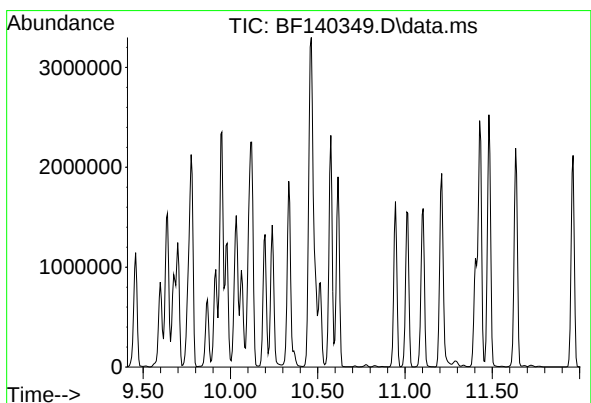
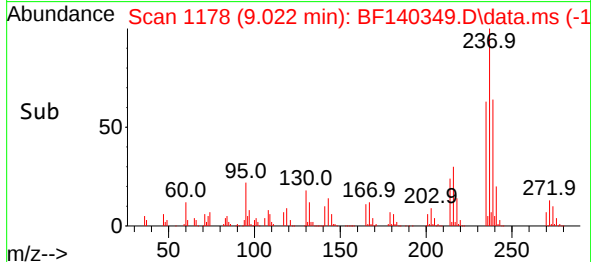
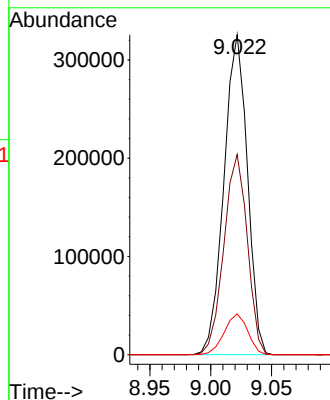
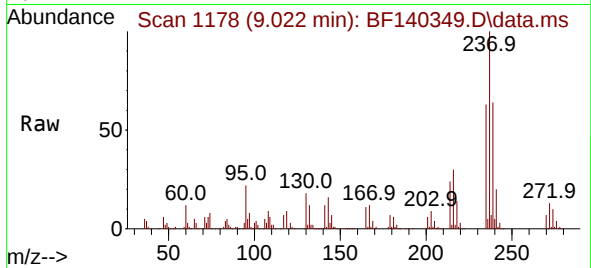




#41
Hexachlorocyclopentadiene
Concen: 205.509 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Instrument :
BNA_F
ClientSampleId :
SP6681

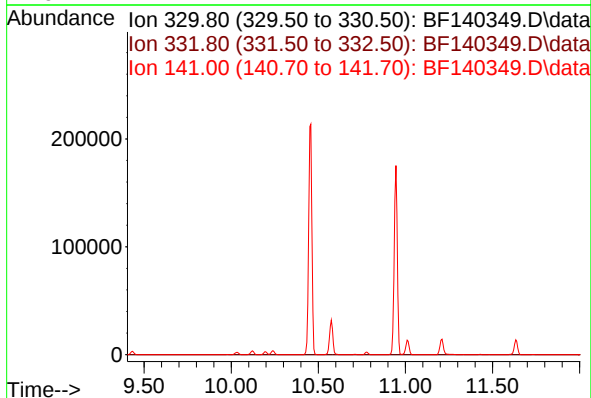
Tgt Ion:237 Resp: 436330
Ion Ratio Lower Upper
237 100
235 62.5 42.8 82.8
272 12.7 0.0 33.1

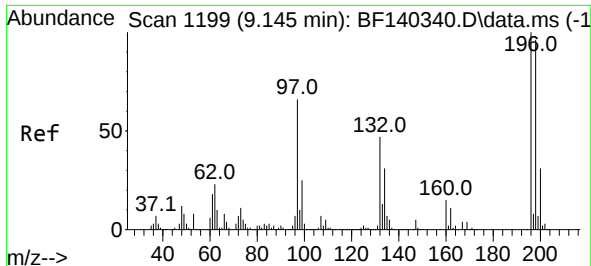


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.70 min

Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion: 330
Sig Exp Ratio
330 100
332 94.9
141 33.6

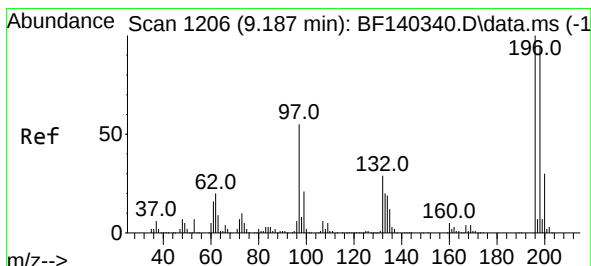
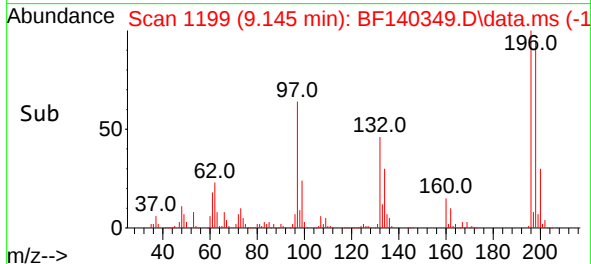
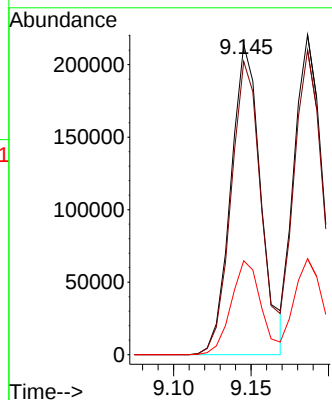
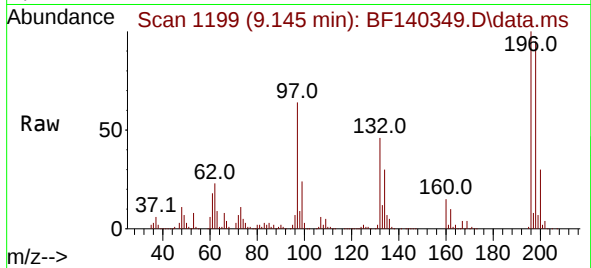




#43
2,4,6-Trichlorophenol
Concen: 53.145 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

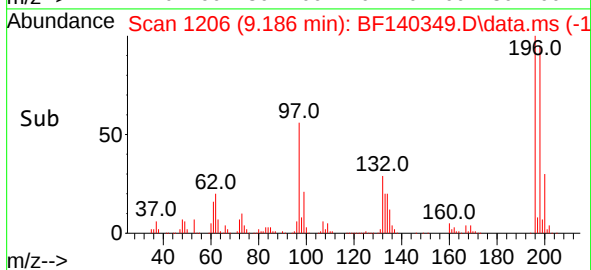
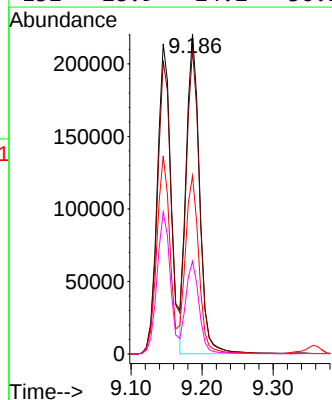
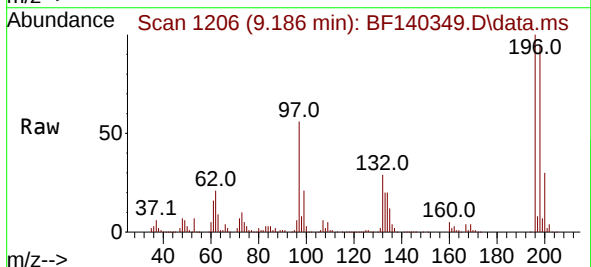
Instrument :
BNA_F
ClientSampleId :
SP6681

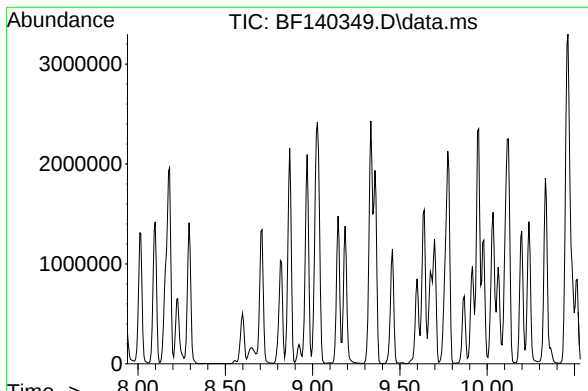
Tgt Ion:196 Resp: 288409
Ion Ratio Lower Upper
196 100
198 94.6 77.0 115.4
200 30.3 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 48.276 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:196 Resp: 286437
Ion Ratio Lower Upper
196 100
198 95.2 77.6 116.4
97 55.7 45.4 68.2
132 28.9 24.2 36.2

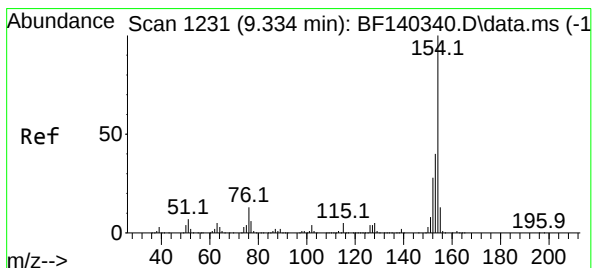
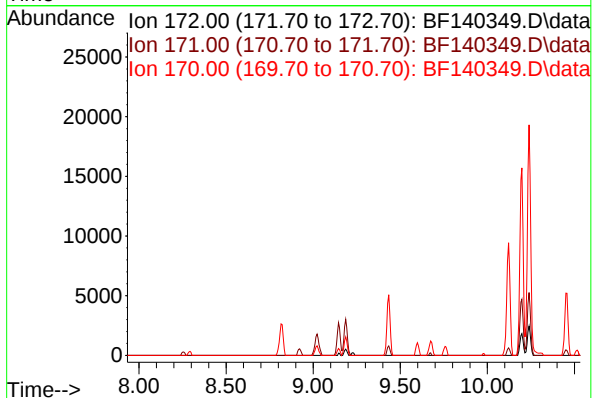




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.23 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

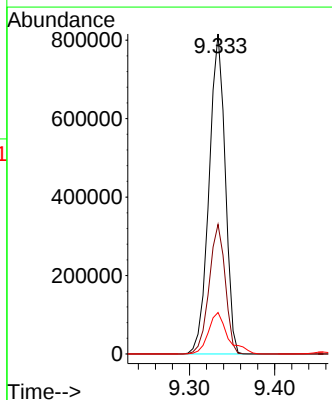
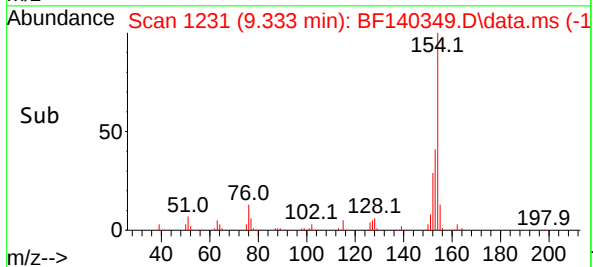
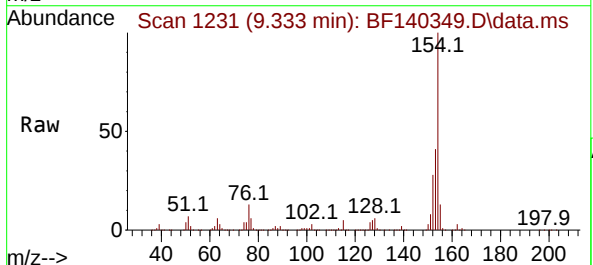
Instrument :
 BNA_F
 ClientSampleId :
 SP6681

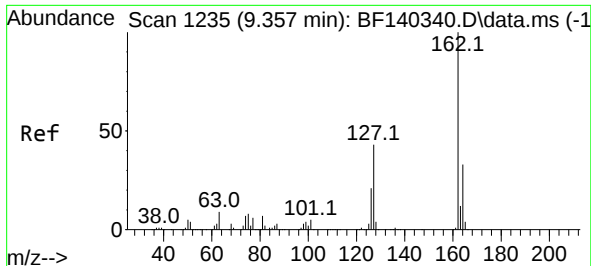
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.6
 170 23.9



#46
 1,1'-Biphenyl
 Concen: 49.226 ng
 RT: 9.333 min Scan# 1231
 Delta R.T. -0.000 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

Tgt Ion: 154 Resp: 1070905
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.4 60.4
 76 13.0 0.0 32.9

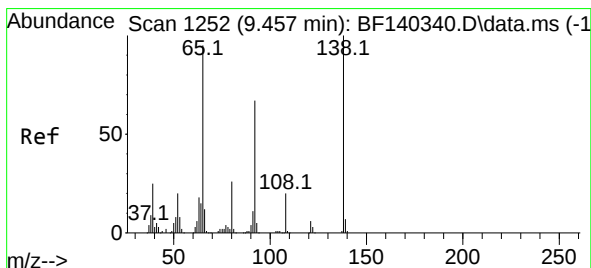
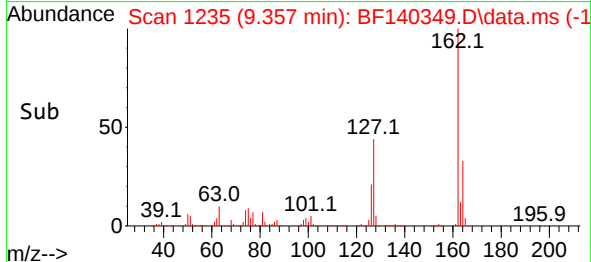
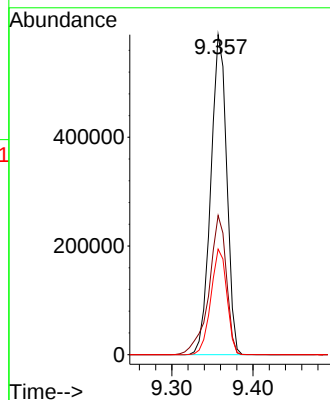
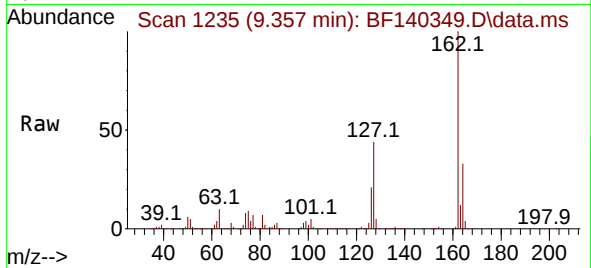




#47
2-Chloronaphthalene
Concen: 48.361 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

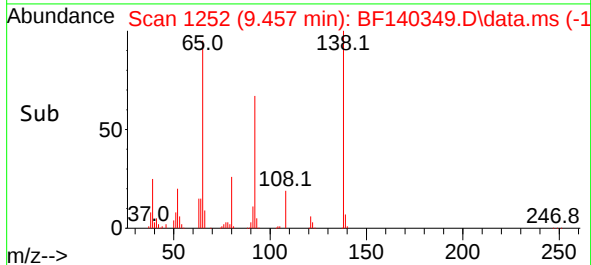
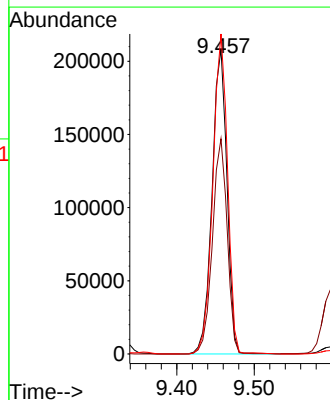
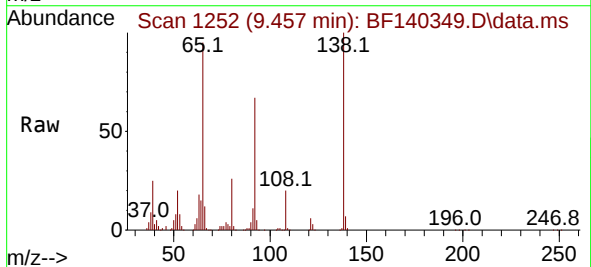
Instrument :
BNA_F
ClientSampleId :
SP6681

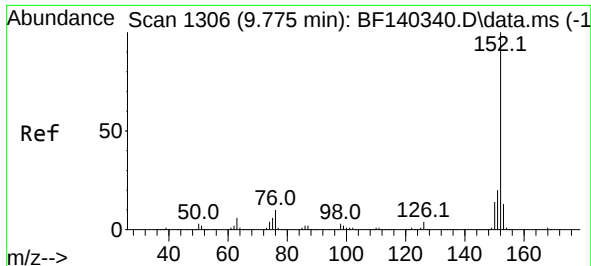
Tgt Ion:162 Resp: 801427
Ion Ratio Lower Upper
162 100
127 43.5 34.0 51.0
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 50.519 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion: 65 Resp: 277650
Ion Ratio Lower Upper
65 100
92 70.6 56.4 84.6
138 104.9 84.8 127.2

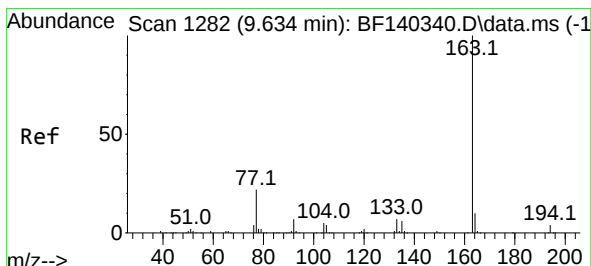
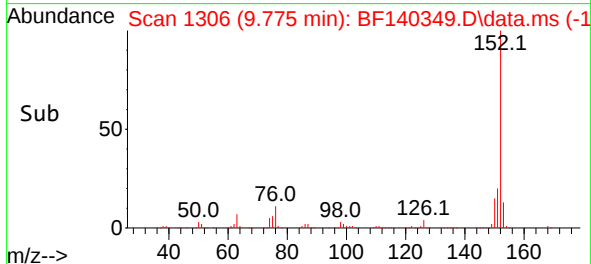
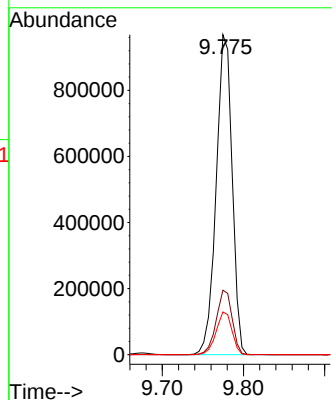
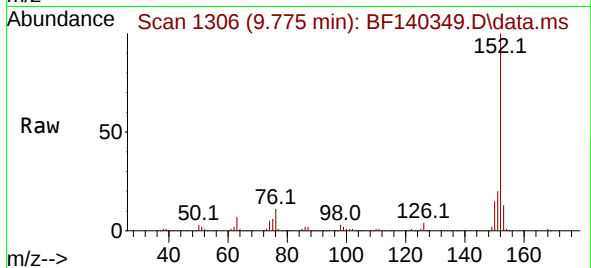




#49
Acenaphthylene
Concen: 52.849 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

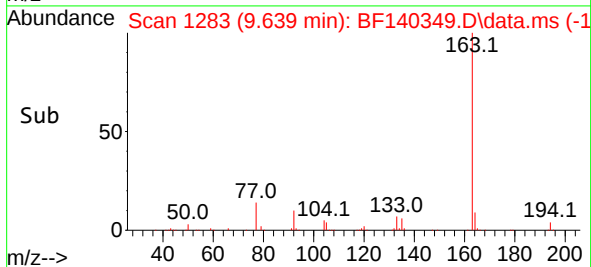
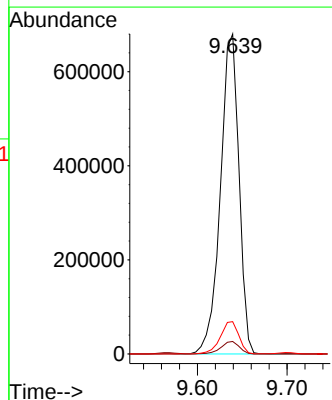
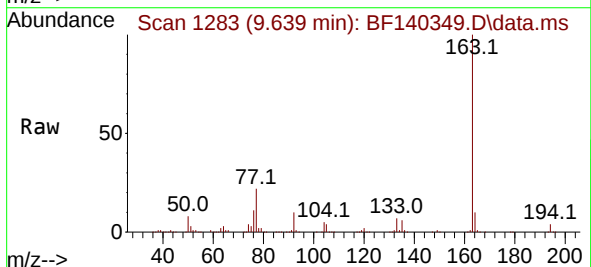
Instrument :
BNA_F
ClientSampleId :
SP6681

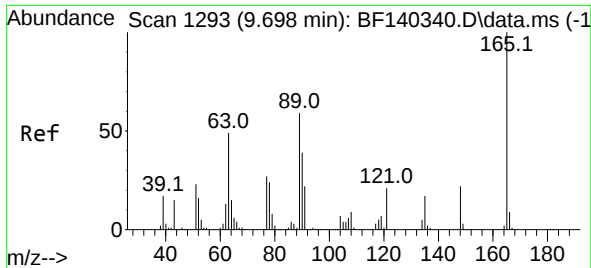
Tgt Ion:152 Resp: 1325101
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 50.080 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:163 Resp: 976126
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.2 12.4

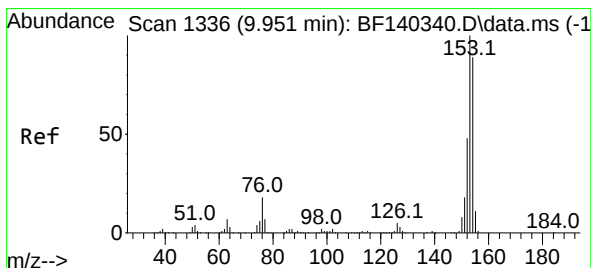
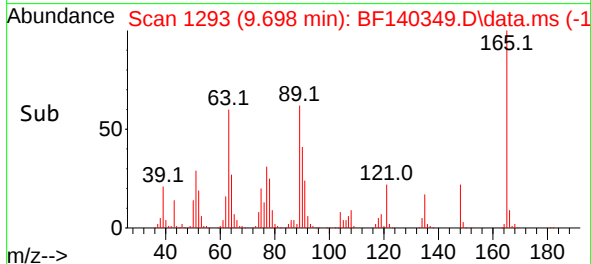
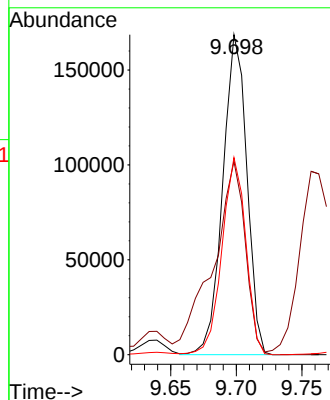
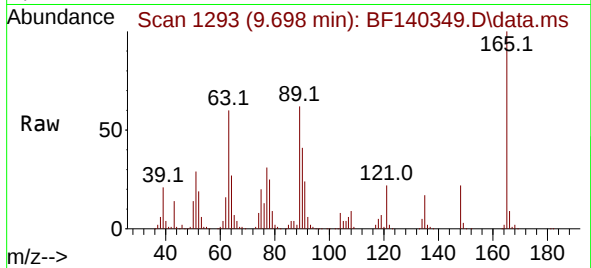




#51
2,6-Dinitrotoluene
Concen: 48.426 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

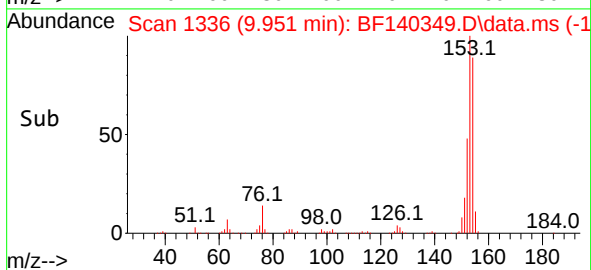
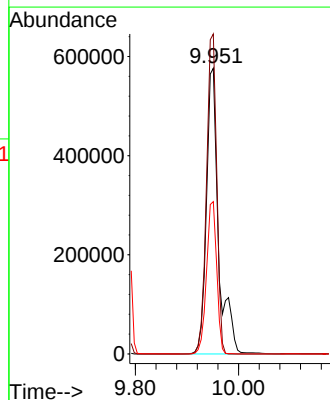
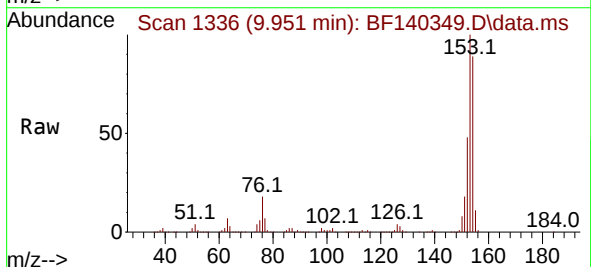
Instrument :
BNA_F
ClientSampleId :
SP6681

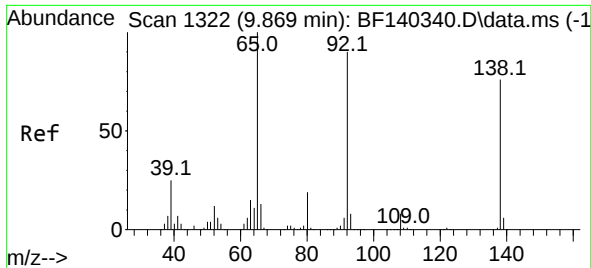
Tgt Ion:165 Resp: 215186
Ion Ratio Lower Upper
165 100
63 60.4 47.6 71.4
89 61.6 48.1 72.1



#52
Acenaphthene
Concen: 55.799 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:154 Resp: 944947
Ion Ratio Lower Upper
154 100
153 112.0 89.8 134.8
152 53.3 42.6 64.0

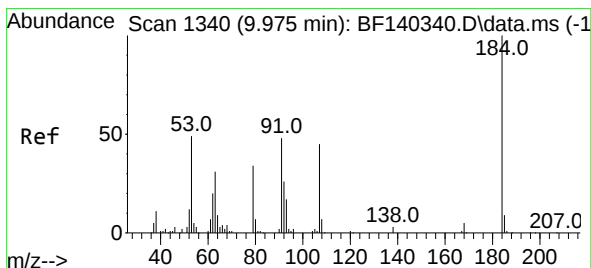
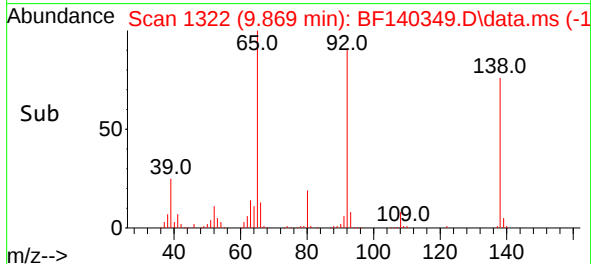
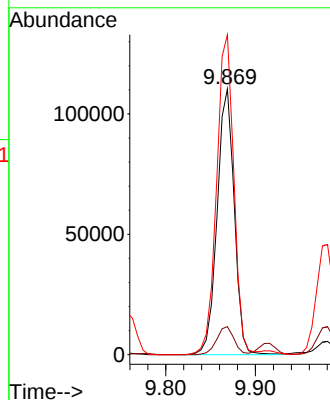
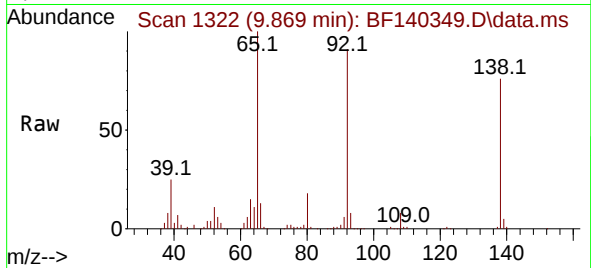




#53
3-Nitroaniline
Concen: 31.353 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

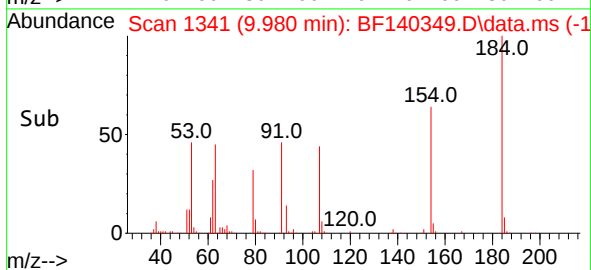
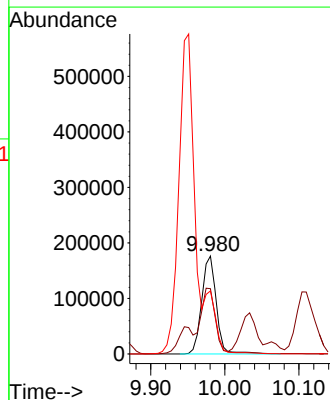
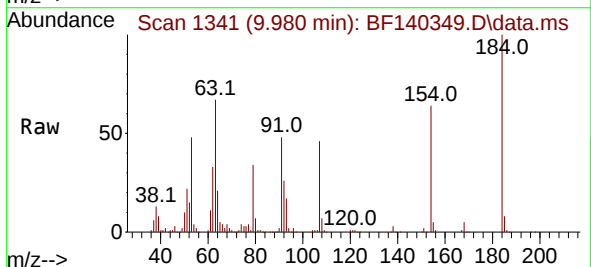
Instrument :
BNA_F
ClientSampleId :
SP6681

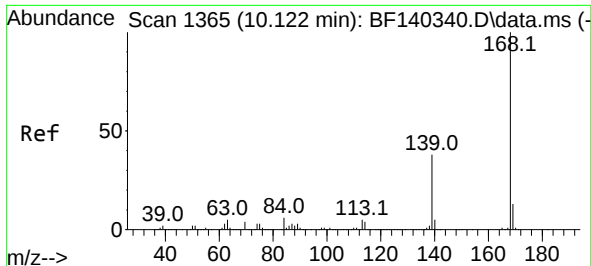
Tgt Ion:138 Resp: 146311
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 120.4 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 105.471 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:184 Resp: 241682
Ion Ratio Lower Upper
184 100
63 66.6 53.5 80.3
154 64.3 51.3 76.9

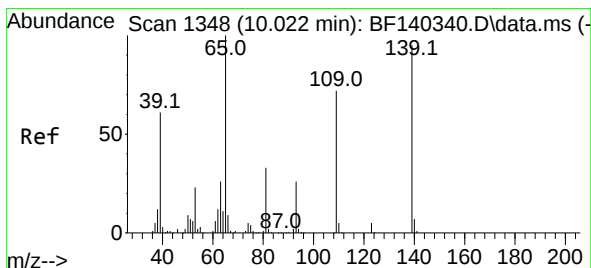
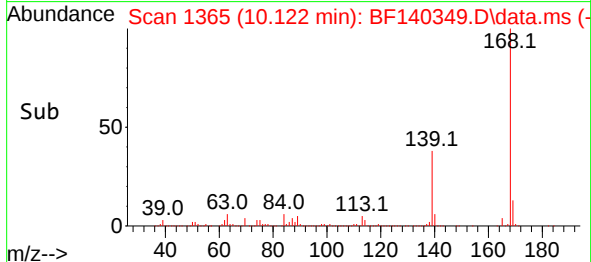
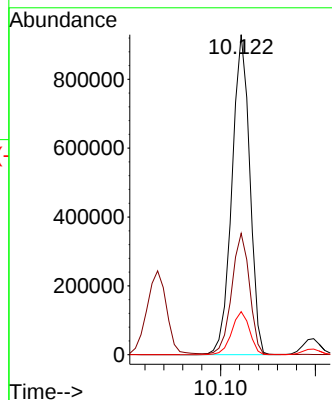
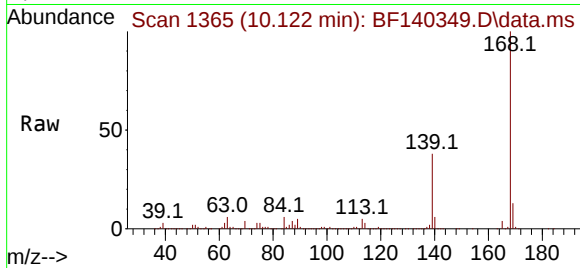




#55
Dibenzenofuran
Concen: 50.653 ng
RT: 10.122 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

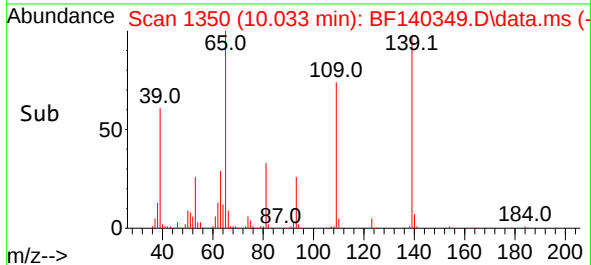
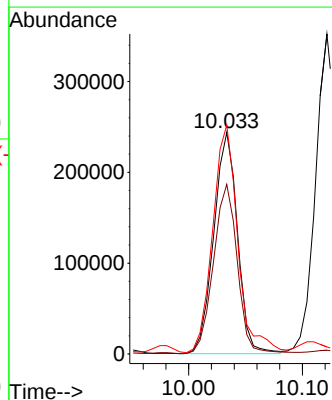
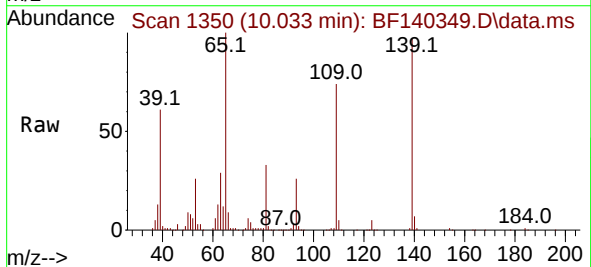
Instrument :
BNA_F
ClientSampleId :
SP6681

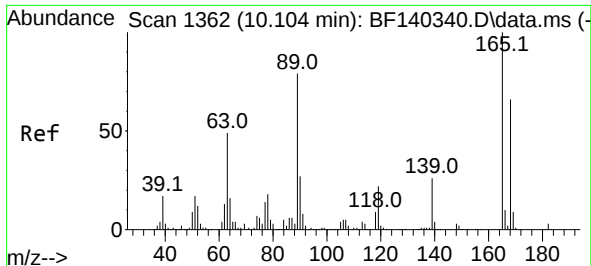
Tgt Ion:168 Resp: 1214343
Ion Ratio Lower Upper
168 100
139 37.9 30.8 46.2
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 104.076 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:139 Resp: 354259
Ion Ratio Lower Upper
139 100
109 76.6 54.5 94.5
65 103.4 84.4 124.4

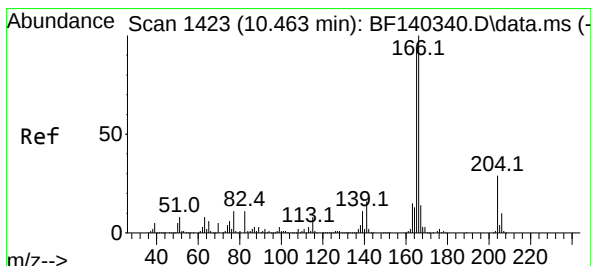
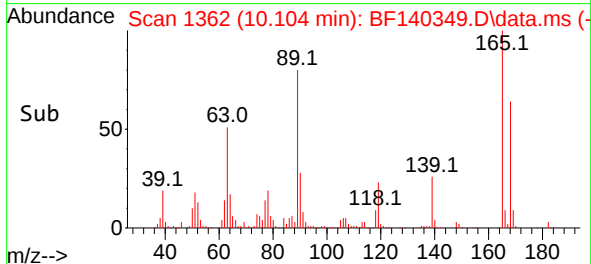
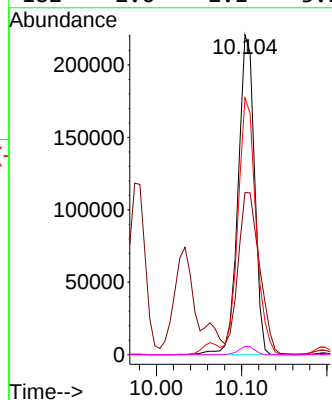
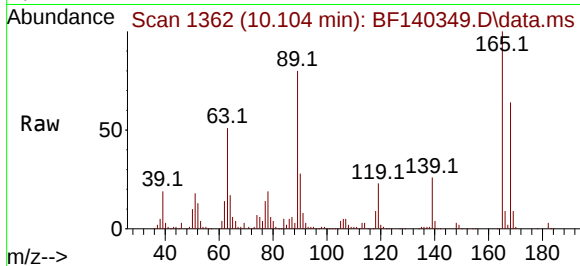




#57
2,4-Dinitrotoluene
Concen: 50.351 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

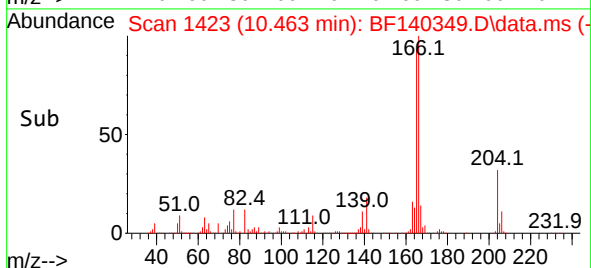
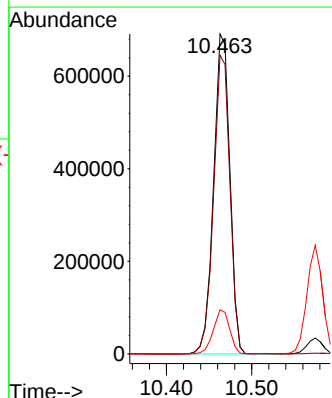
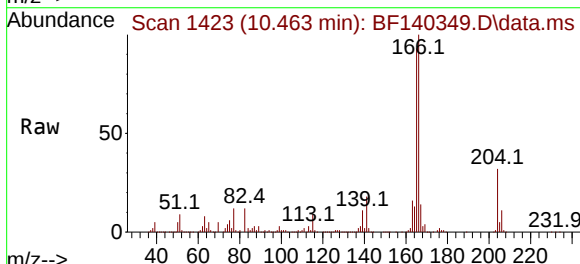
Instrument :
BNA_F
ClientSampleId :
SP6681

Tgt Ion:165 Resp: 294460
Ion Ratio Lower Upper
165 100
63 50.6 39.4 59.0
89 80.3 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 48.399 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:166 Resp: 916619
Ion Ratio Lower Upper
166 100
165 93.4 73.9 110.9
167 13.8 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.082 ng

RT: 10.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

Tgt Ion:232 Resp: 253368

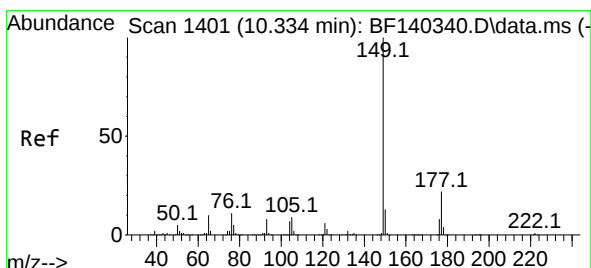
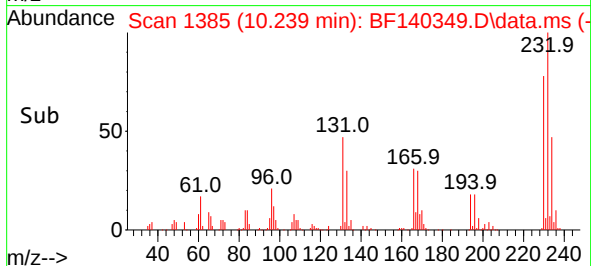
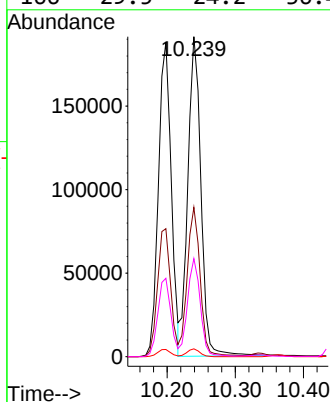
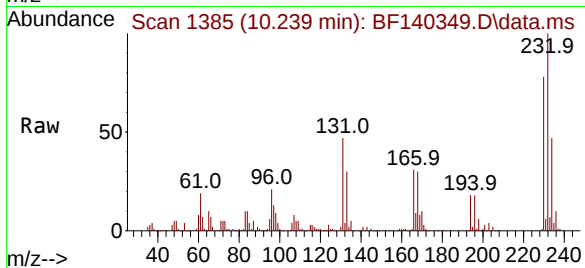
Ion Ratio Lower Upper

232 100

131 46.2 36.8 55.2

130 2.4 1.9 2.9

166 29.5 24.2 36.4



#60

Diethylphthalate

Concen: 49.816 ng

RT: 10.333 min Scan# 1401

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

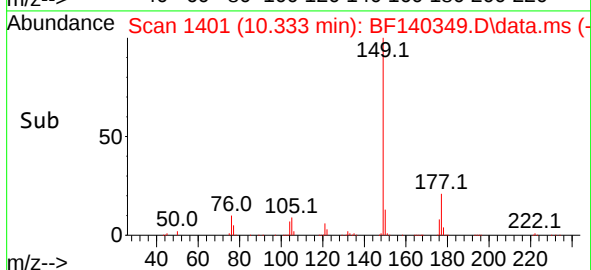
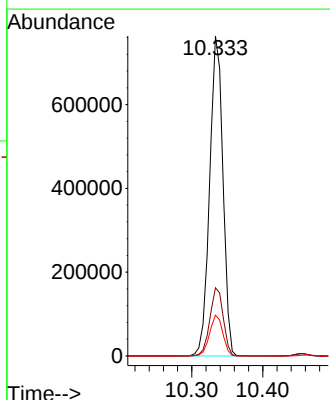
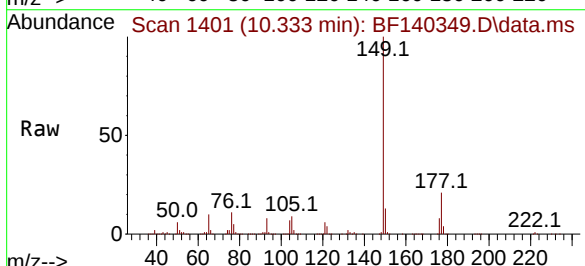
Tgt Ion:149 Resp: 992884

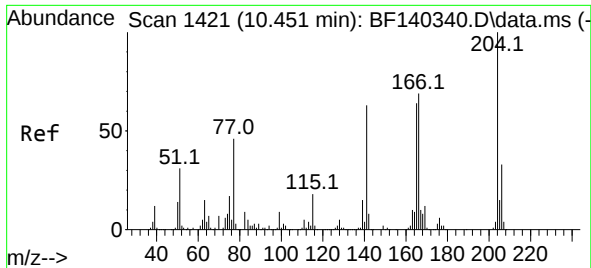
Ion Ratio Lower Upper

149 100

177 21.3 17.5 26.3

150 12.8 10.1 15.1

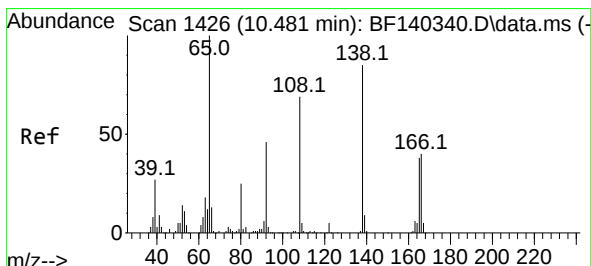
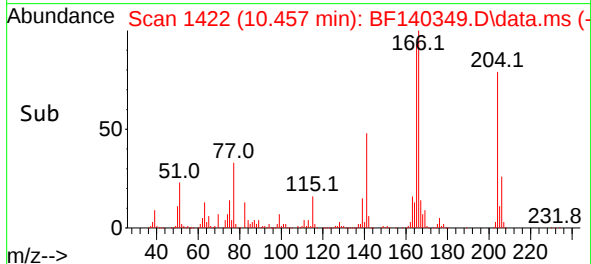
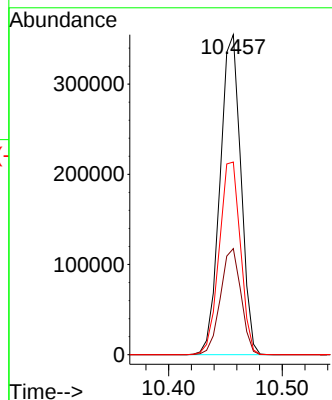
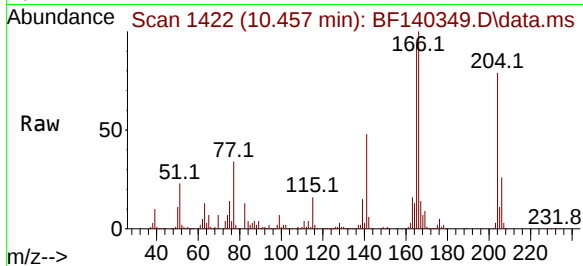




#61
4-Chlorophenyl-phenylether
Concen: 48.447 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

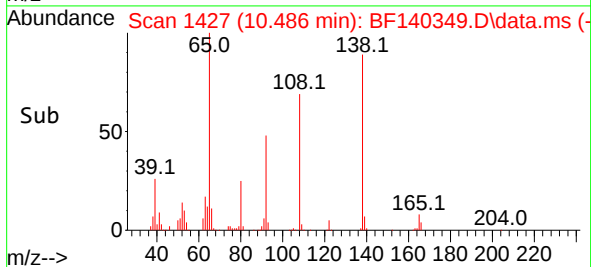
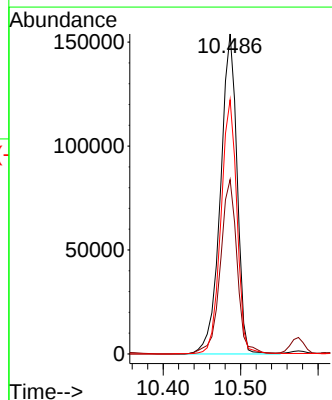
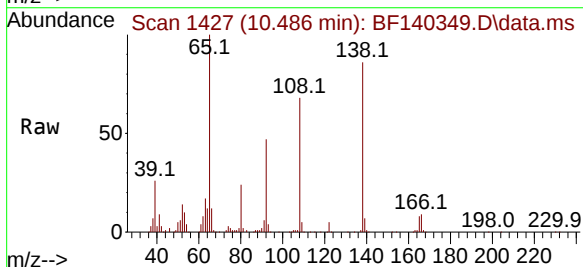
Instrument :
BNA_F
ClientSampleId :
SP6681

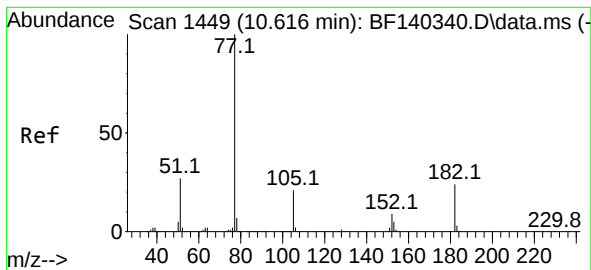
Tgt Ion:204 Resp: 452980
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 60.2 49.8 74.8



#62
4-Nitroaniline
Concen: 48.102 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:138 Resp: 229520
Ion Ratio Lower Upper
138 100
92 54.5 33.8 73.8
108 79.5 59.9 99.9





#63

Azobenzene

Concen: 50.461 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

Tgt Ion: 77 Resp: 993733

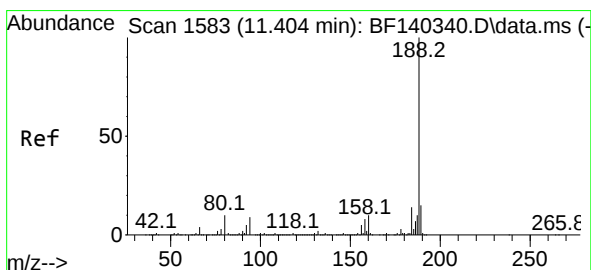
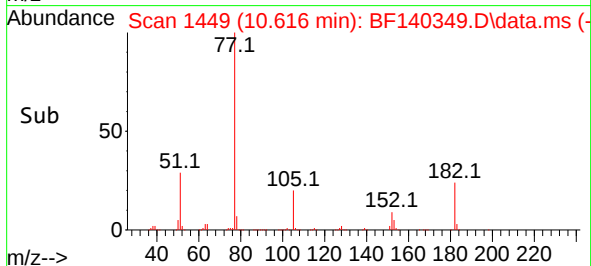
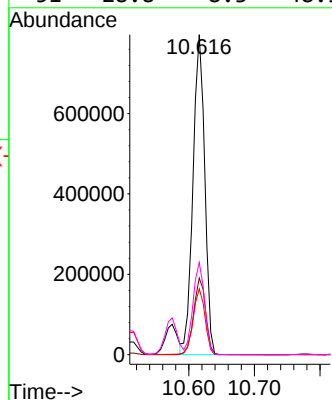
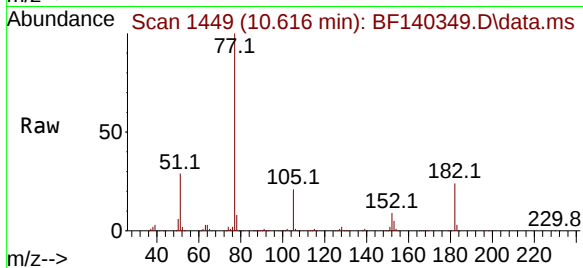
Ion Ratio Lower Upper

77 100

182 24.0 4.6 44.6

105 20.6 0.9 40.9

51 28.8 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

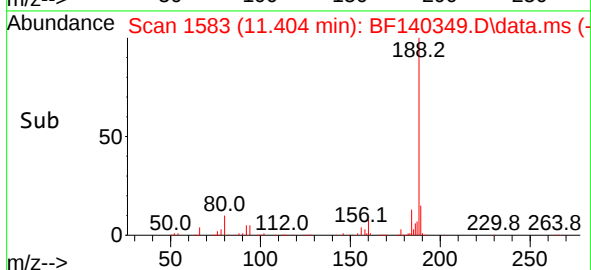
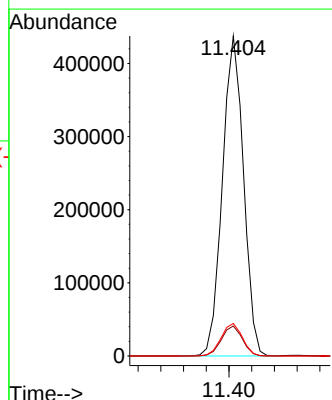
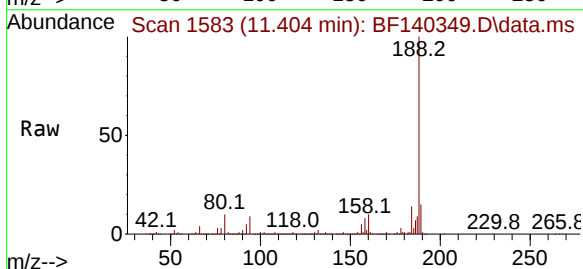
Tgt Ion: 188 Resp: 564972

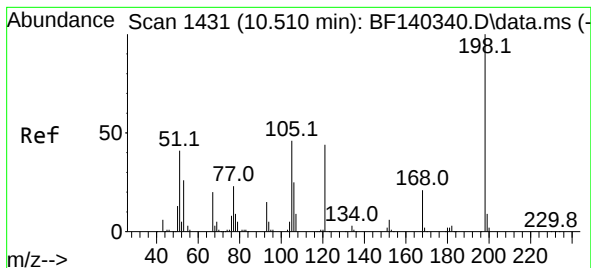
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.2 8.0 12.0

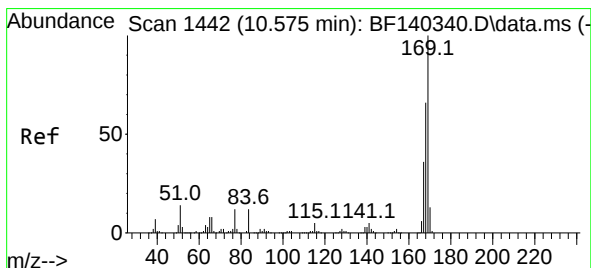
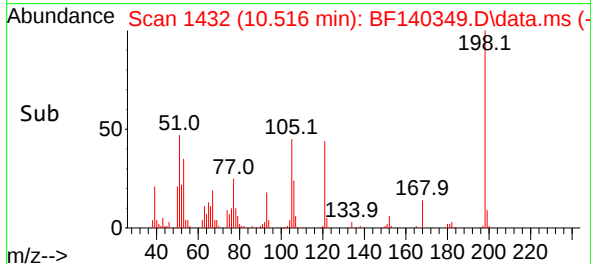
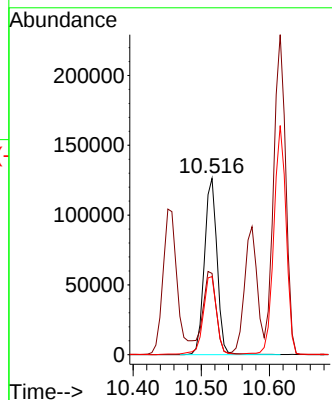
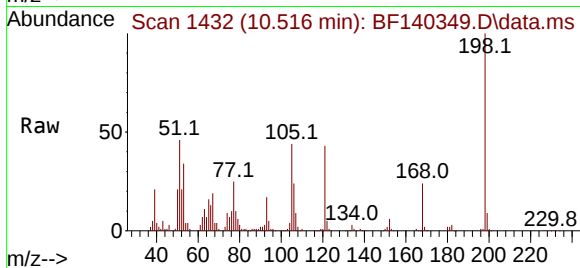




#65
4,6-Dinitro-2-methylphenol
Concen: 53.767 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

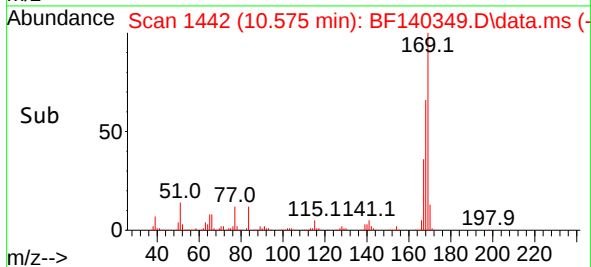
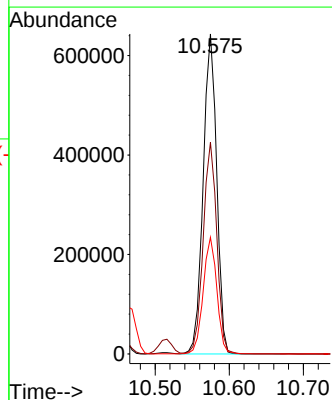
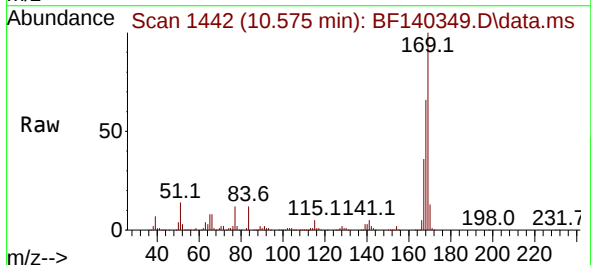
Instrument :
BNA_F
ClientSampleId :
SP6681

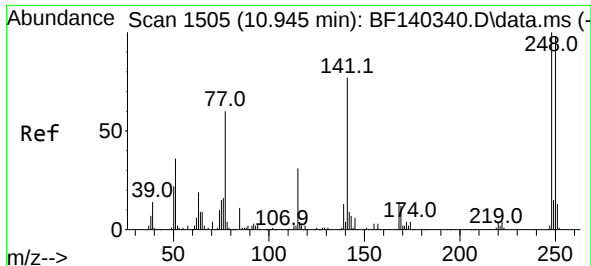
Tgt Ion:198 Resp: 163435
Ion Ratio Lower Upper
198 100
51 46.1 29.7 69.7
105 44.3 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 50.090 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:169 Resp: 817664
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 36.5 29.3 43.9

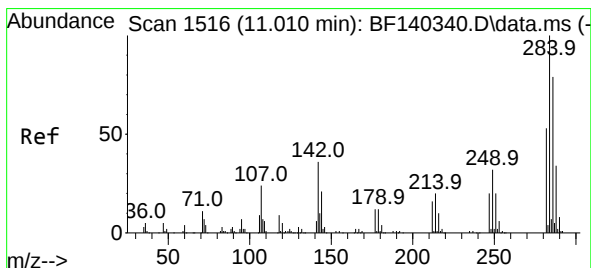
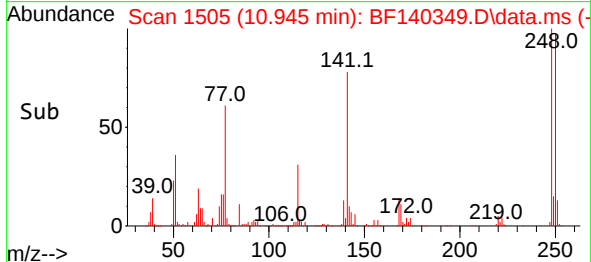
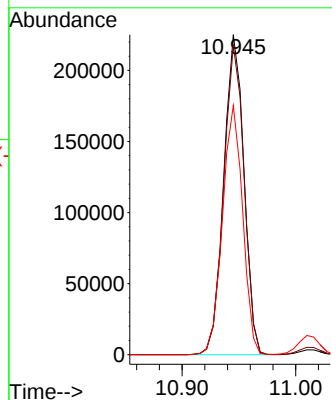
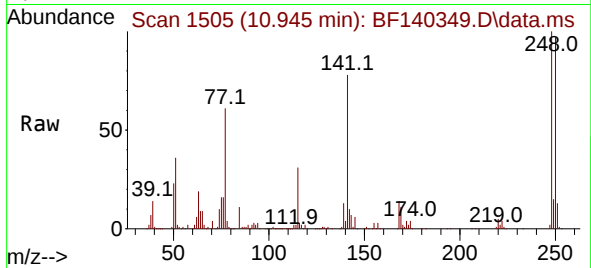




#67
4-Bromophenyl-phenylether
Concen: 49.465 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

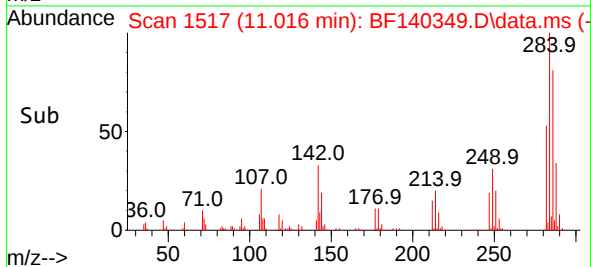
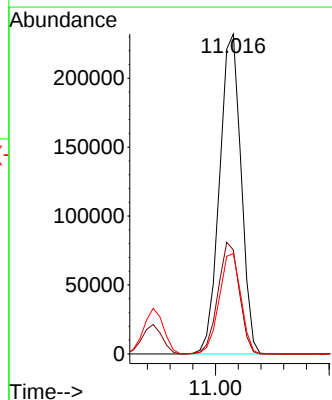
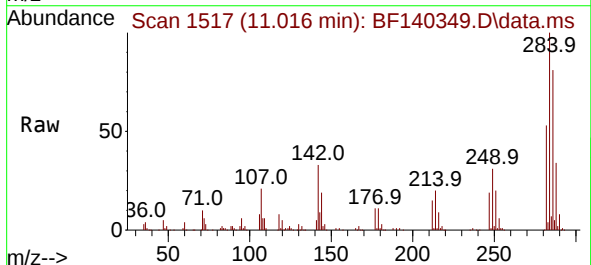
Instrument :
BNA_F
ClientSampleId :
SP6681

Tgt Ion:248 Resp: 279357
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 77.9 61.8 92.6



#68
Hexachlorobenzene
Concen: 48.117 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:284 Resp: 305745
Ion Ratio Lower Upper
284 100
142 32.5 28.1 42.1
249 31.4 24.9 37.3





#69

Atrazine

Concen: 55.865 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

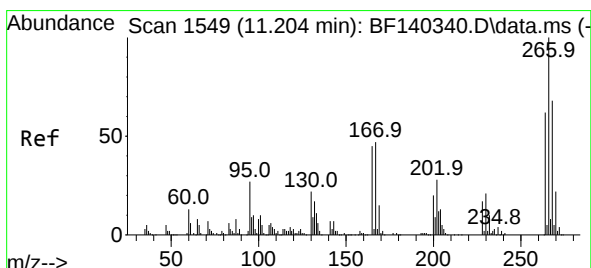
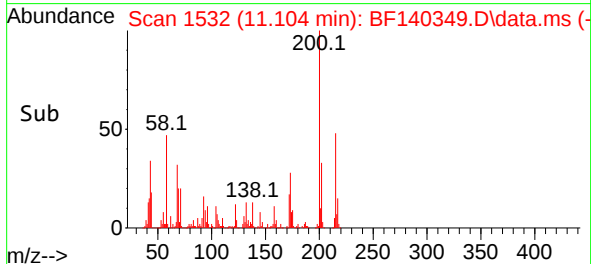
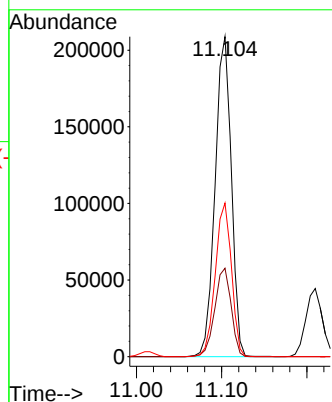
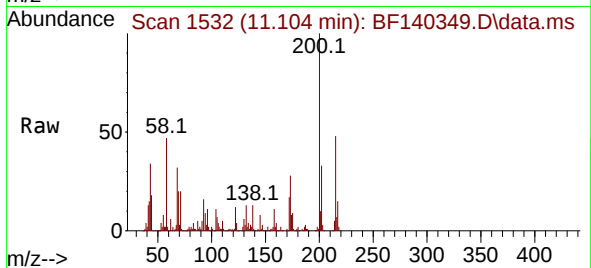
Tgt Ion:200 Resp: 275905

Ion Ratio Lower Upper

200 100

173 27.7 6.6 46.6

215 48.0 27.2 67.2



#70

Pentachlorophenol

Concen: 96.146 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

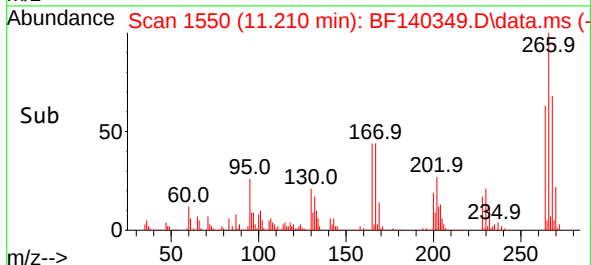
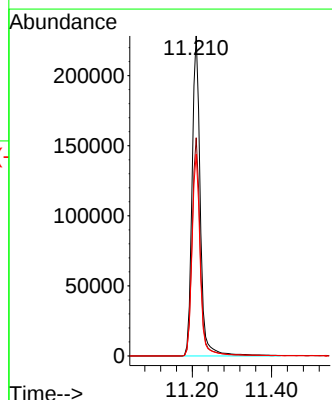
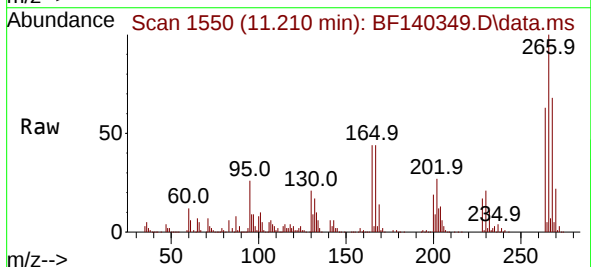
Tgt Ion:266 Resp: 329092

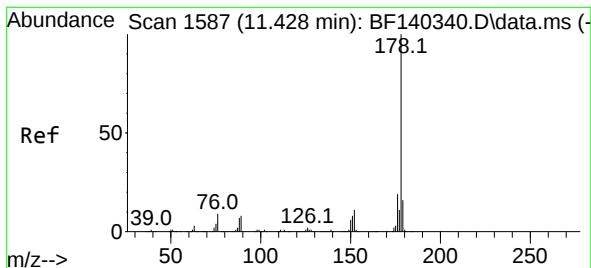
Ion Ratio Lower Upper

266 100

268 68.2 52.9 79.3

264 63.1 50.3 75.5





#71

Phenanthrene

Concen: 50.034 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

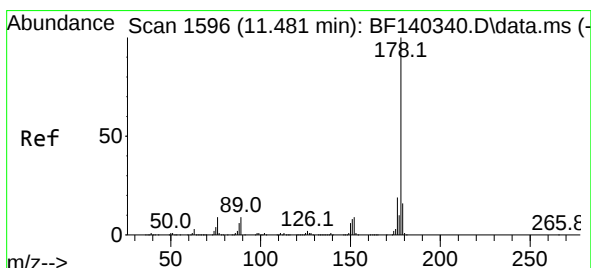
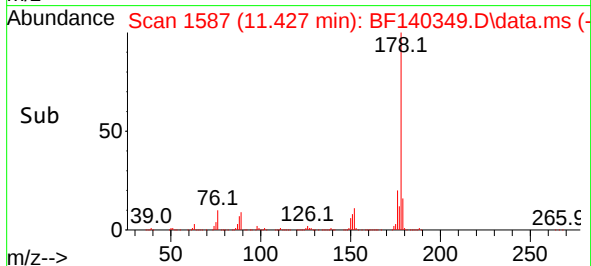
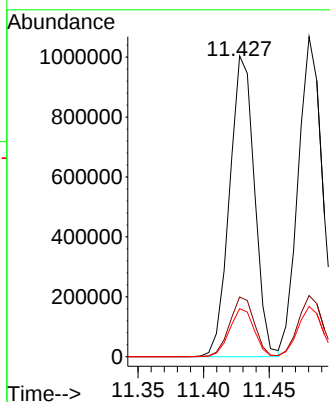
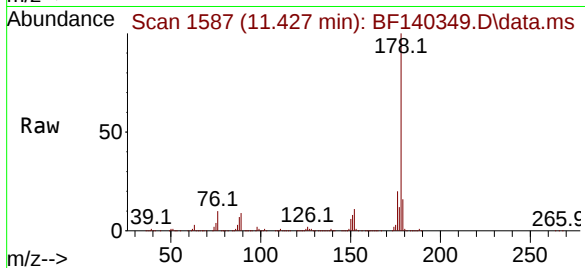
Tgt Ion:178 Resp: 1327893

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

179 16.0 12.4 18.6



#72

Anthracene

Concen: 52.211 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

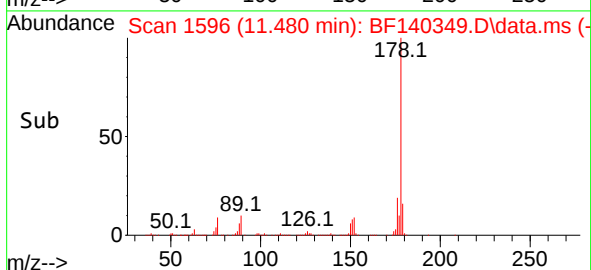
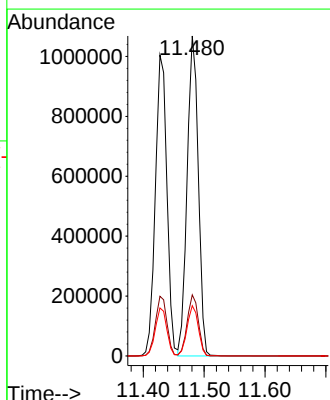
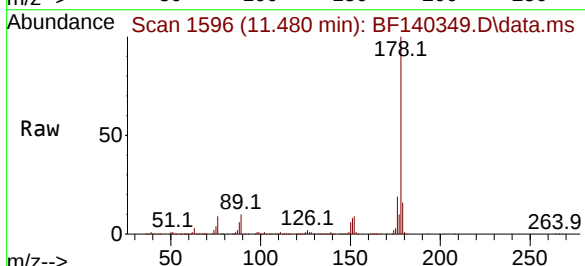
Tgt Ion:178 Resp: 1358055

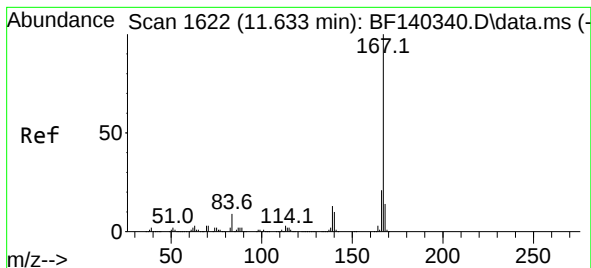
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.7 12.6 18.8





#73

Carbazole

Concen: 49.472 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

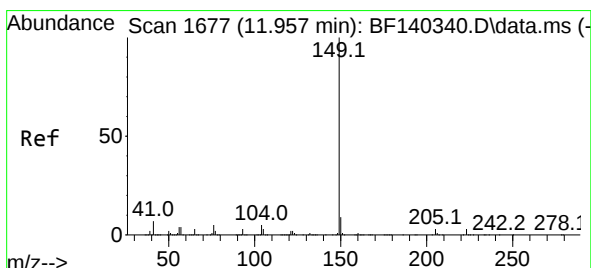
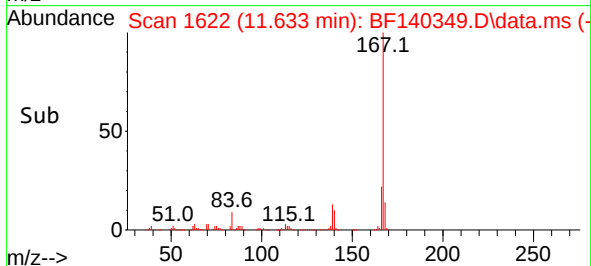
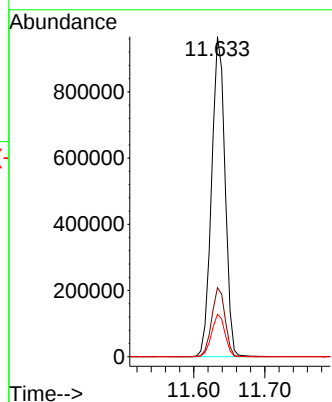
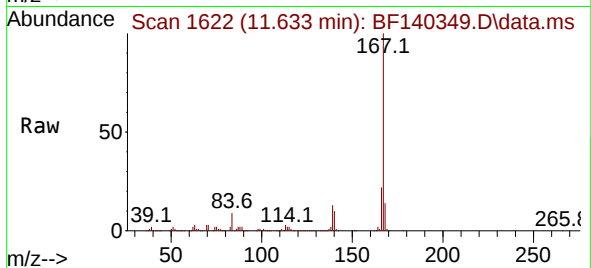
Tgt Ion:167 Resp: 1270595

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.3 10.4 15.6



#74

Di-n-butylphthalate

Concen: 50.352 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

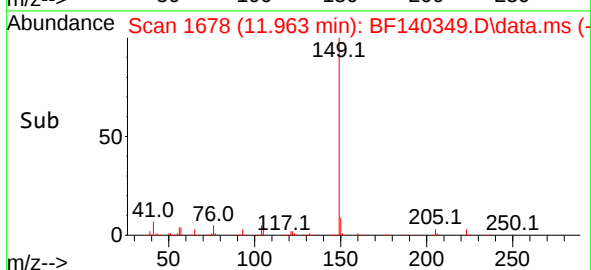
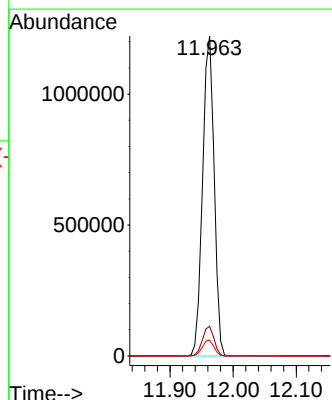
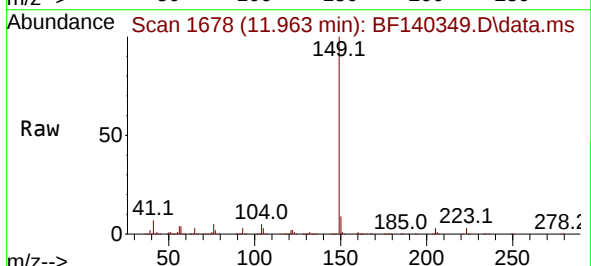
Tgt Ion:149 Resp: 1552102

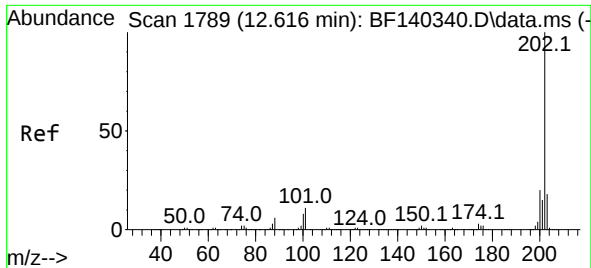
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 4.0 6.0

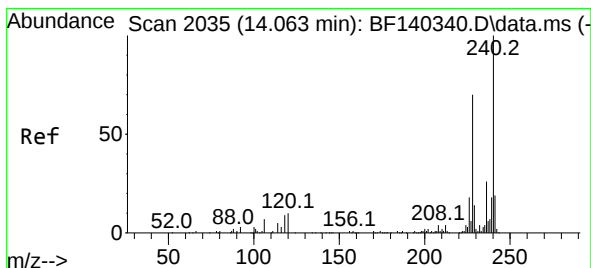
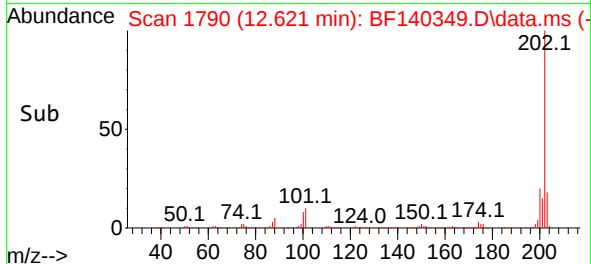
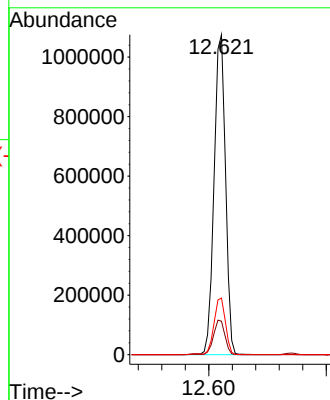
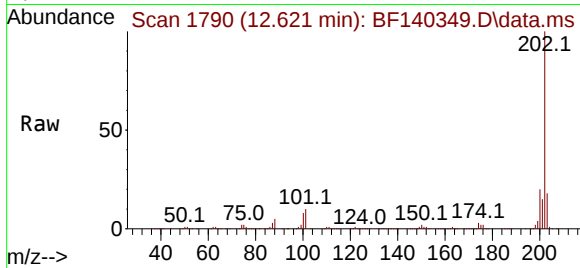




#75
Fluoranthene
Concen: 48.719 ng
RT: 12.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

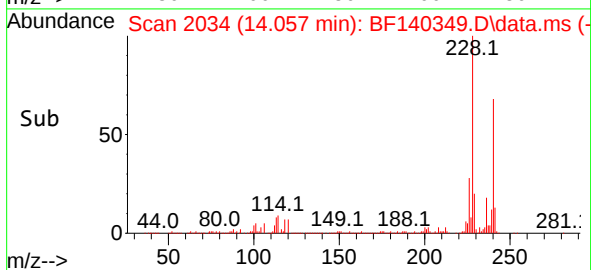
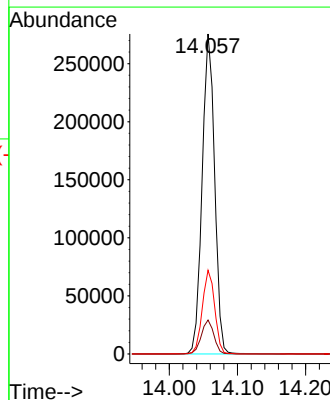
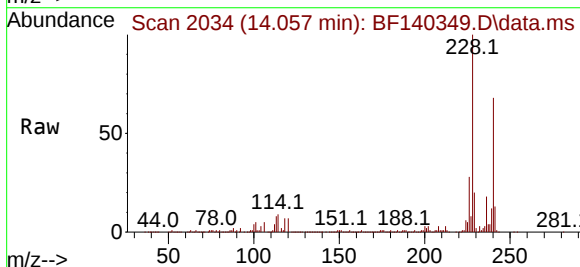
Instrument :
BNA_F
ClientSampleId :
SP6681

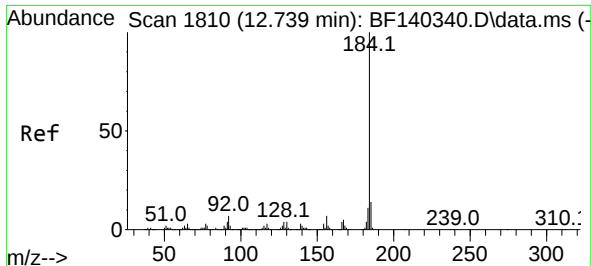
Tgt Ion:202 Resp: 1450636
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:240 Resp: 350730
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 26.1 20.9 31.3

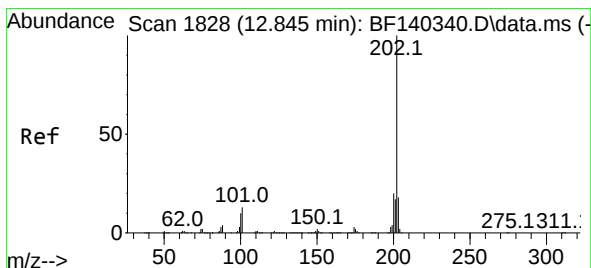
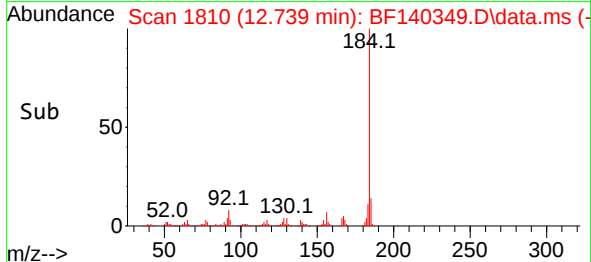
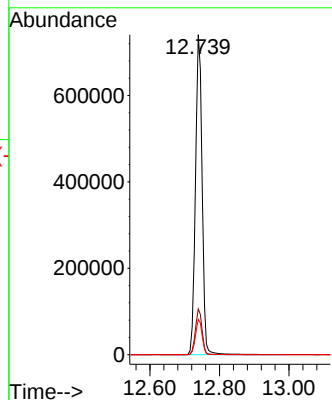
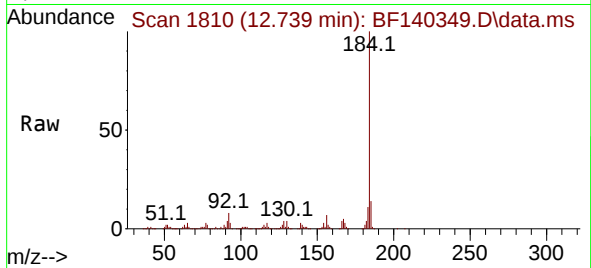




#77
Benzidine
Concen: 73.283 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

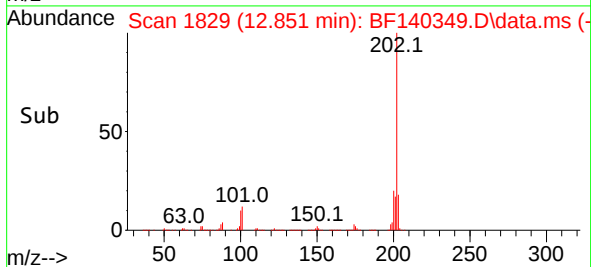
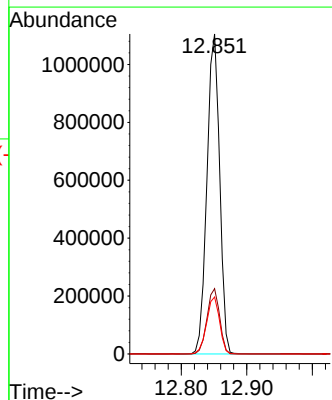
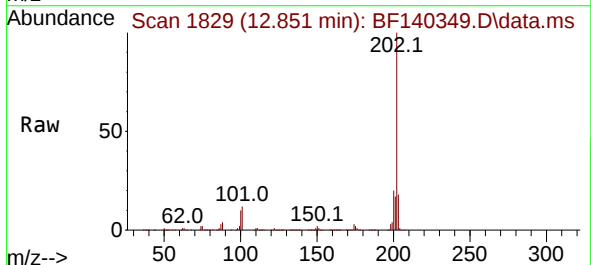
Instrument :
BNA_F
ClientSampleId :
SP6681

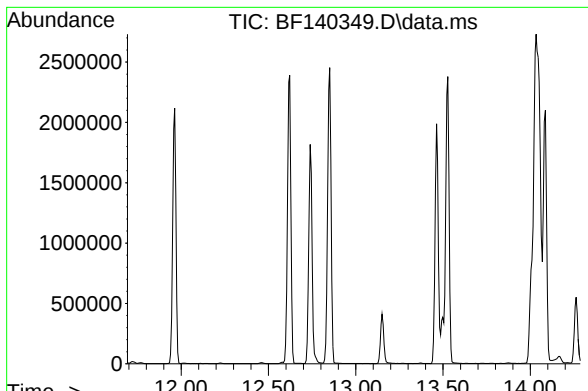
Tgt Ion:184 Resp: 986481
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 11.1 8.6 13.0



#78
Pyrene
Concen: 49.585 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:202 Resp: 1487575
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.8 14.2 21.4

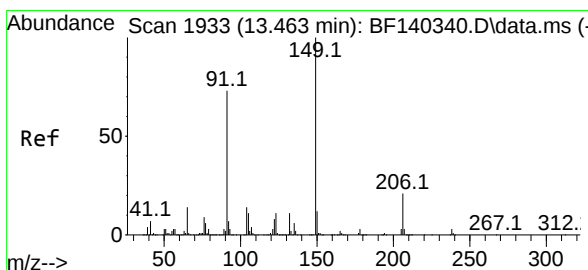
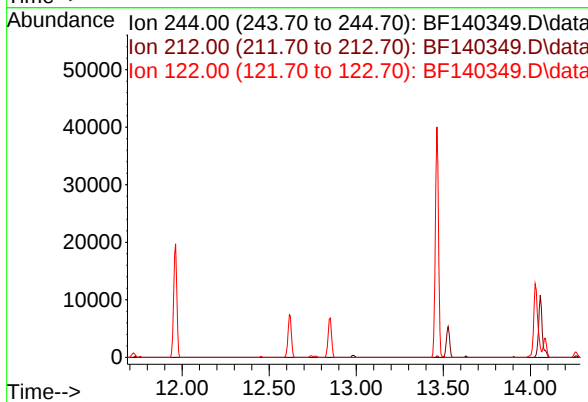




#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.99 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

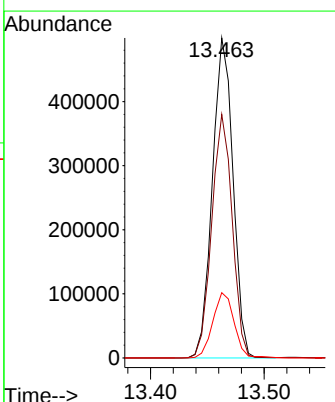
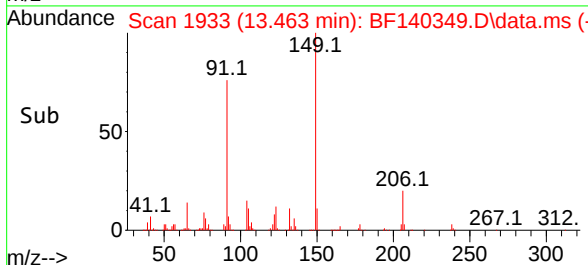
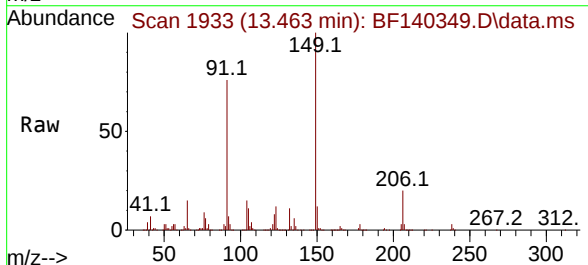
Instrument :
 BNA_F
 ClientSampleId :
 SP6681

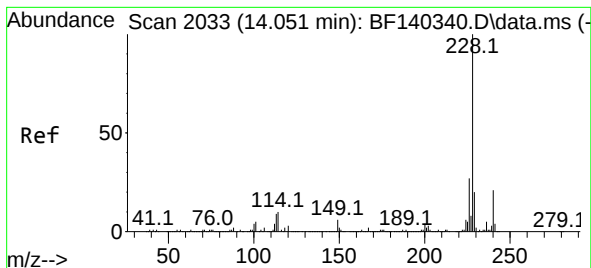
Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 7.3
 122 11.0



#80
 Butylbenzylphthalate
 Concen: 54.746 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF140349.D
 Acq: 13 Nov 2024 18:39

Tgt Ion: 149 Resp: 630929
 Ion Ratio Lower Upper
 149 100
 91 76.1 61.0 91.4
 206 20.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 49.474 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

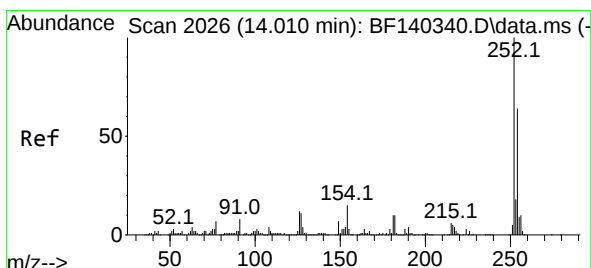
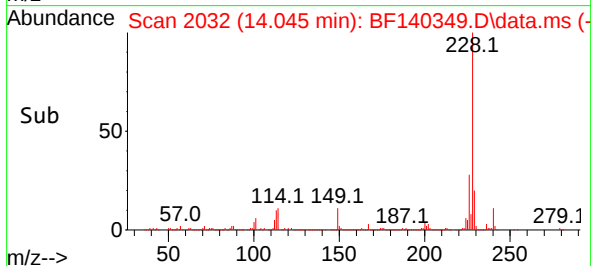
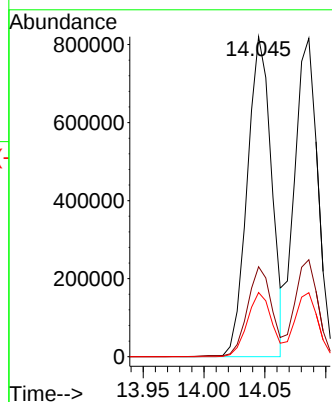
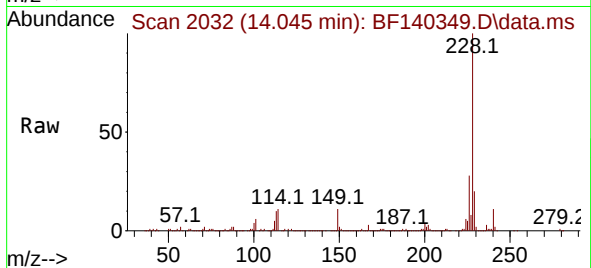
Tgt Ion:228 Resp: 1140428

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

229 20.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.188 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

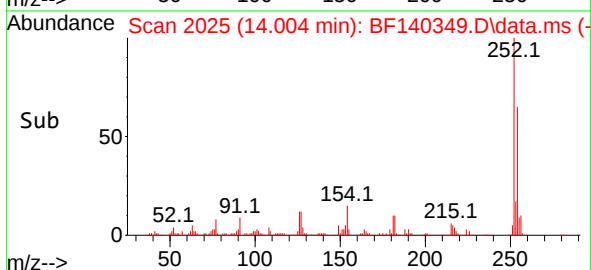
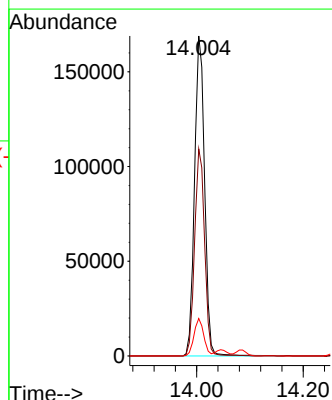
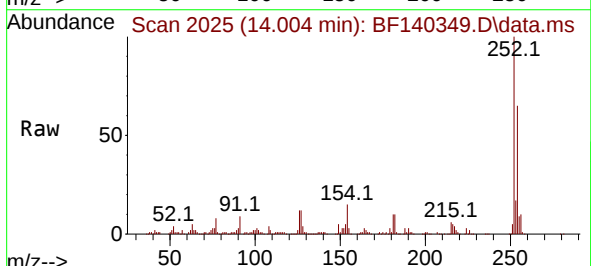
Tgt Ion:252 Resp: 221175

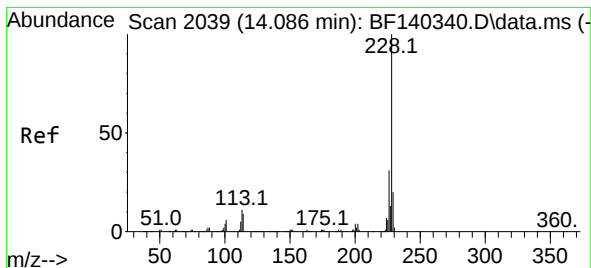
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

126 11.7 9.4 14.0





#83

Chrysene

Concen: 51.355 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

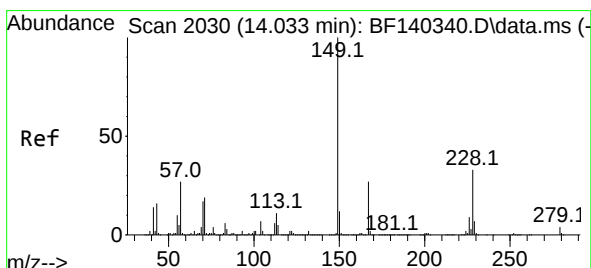
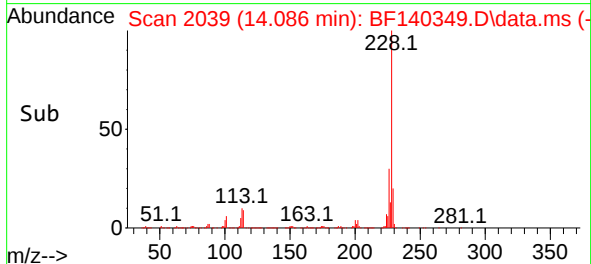
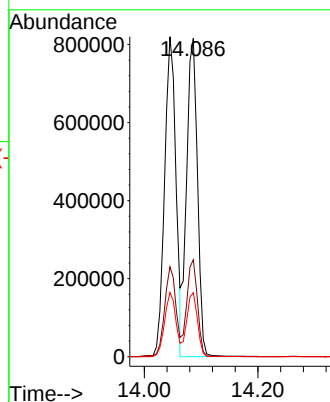
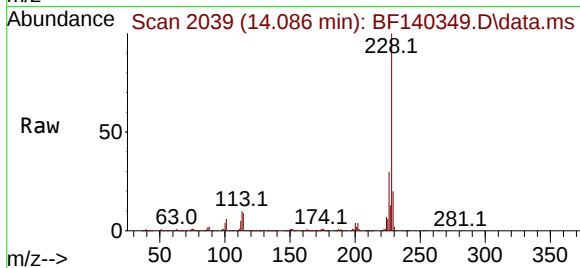
Tgt Ion:228 Resp: 1080088

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.002 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

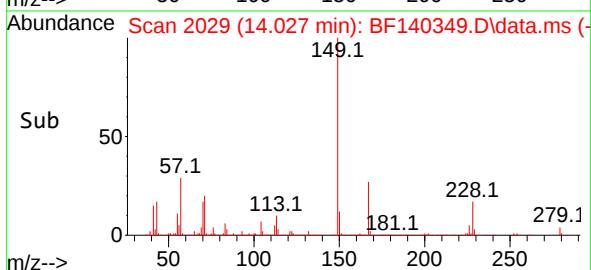
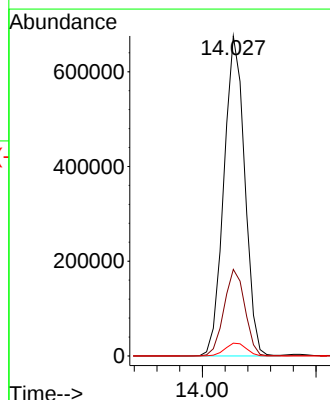
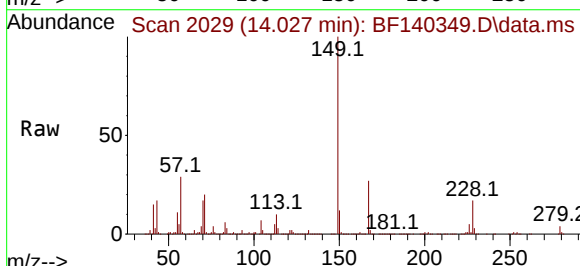
Tgt Ion:149 Resp: 861471

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 59.674 ng

RT: 14.668 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

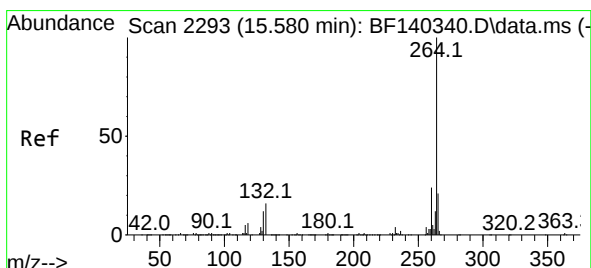
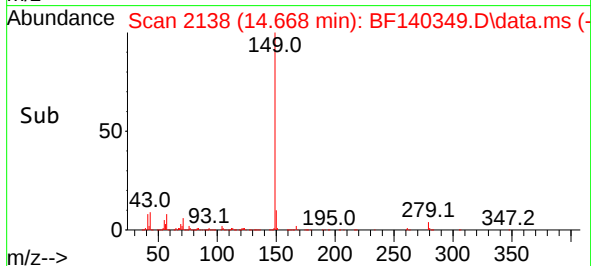
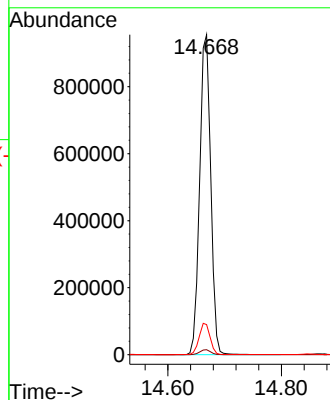
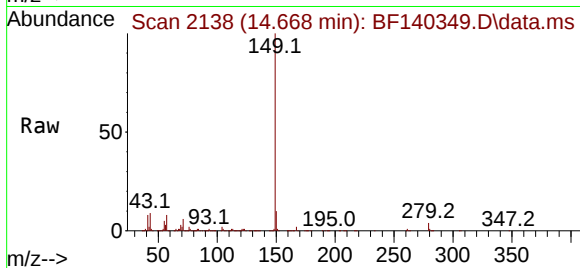
Tgt Ion:149 Resp: 1292834

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

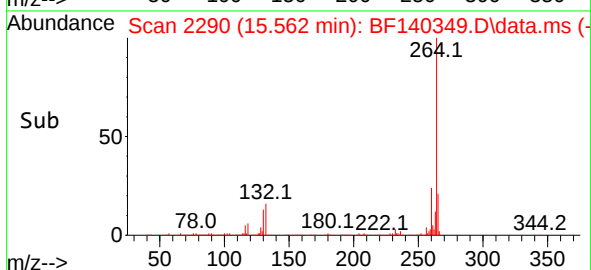
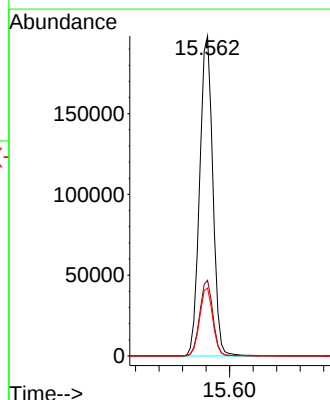
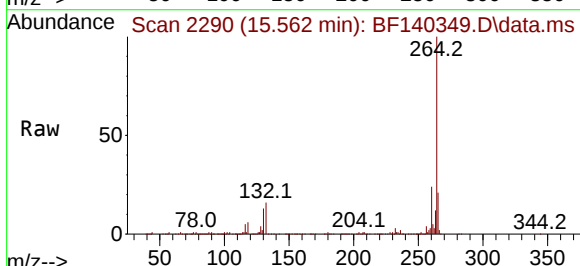
Tgt Ion:264 Resp: 307539

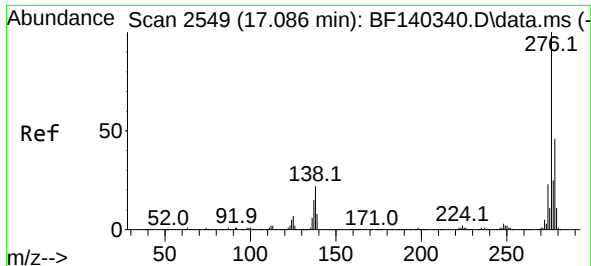
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 17.1 25.7

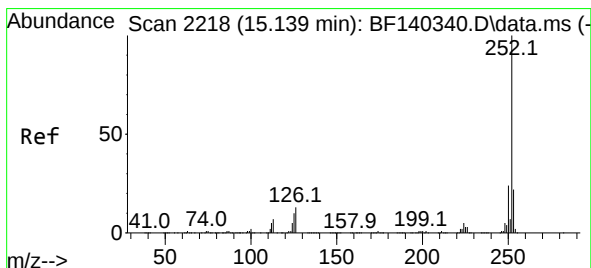
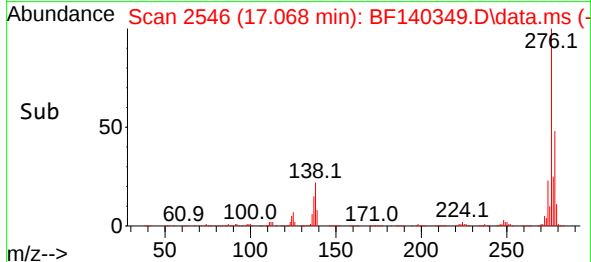
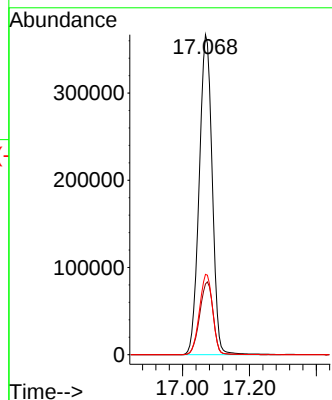
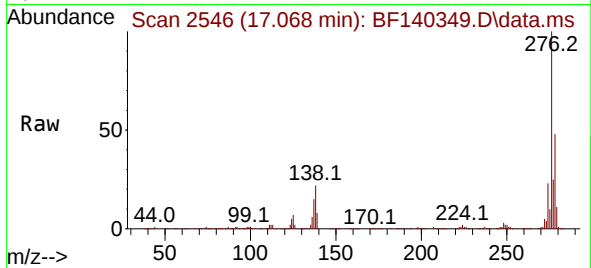




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.060 ng
RT: 17.068 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

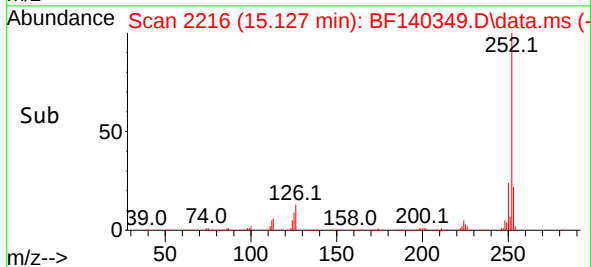
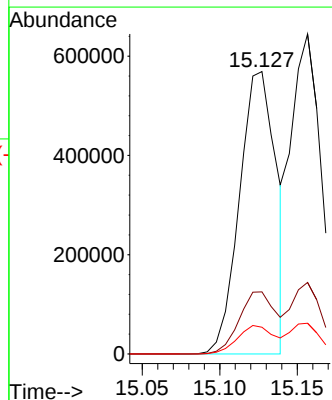
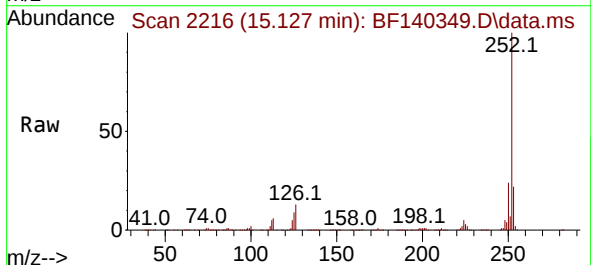
Instrument :
BNA_F
ClientSampleId :
SP6681

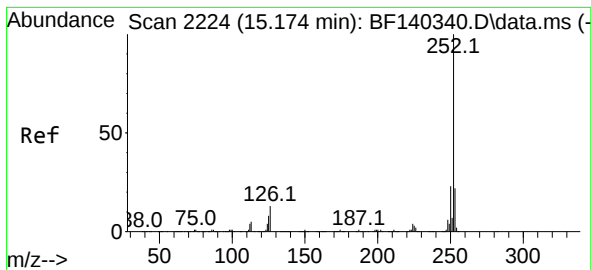
Tgt Ion:276 Resp: 989018
Ion Ratio Lower Upper
276 100
138 23.6 18.8 28.2
277 25.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 46.481 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.012 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:252 Resp: 935092
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 53.250 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

Instrument :

BNA_F

ClientSampleId :

SP6681

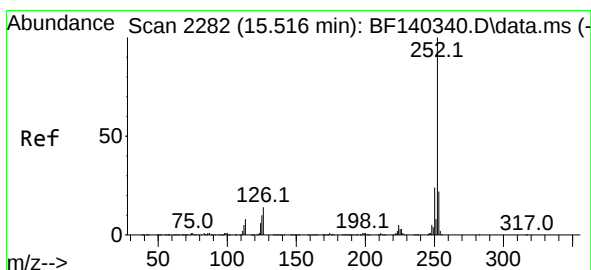
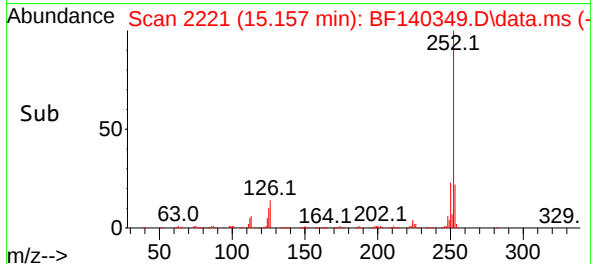
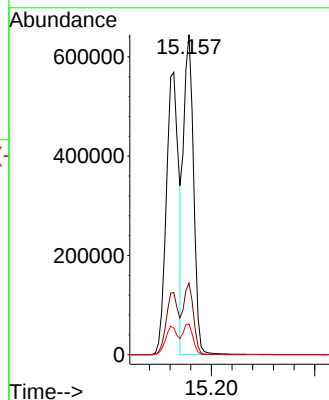
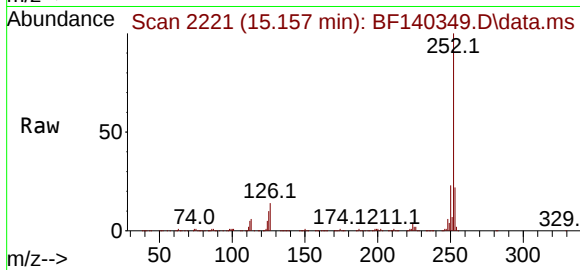
Tgt Ion:252 Resp: 875140

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 9.6 7.4 11.2



#90

Benzo(a)pyrene

Concen: 53.835 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.006 min

Lab File: BF140349.D

Acq: 13 Nov 2024 18:39

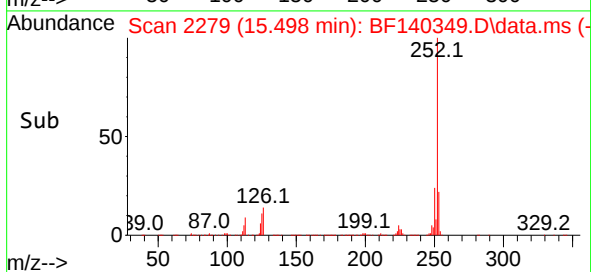
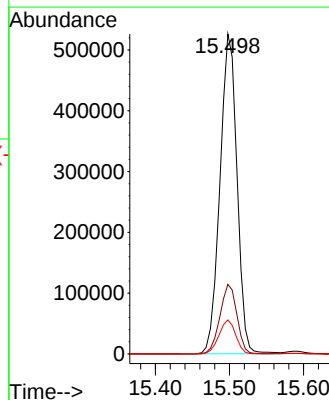
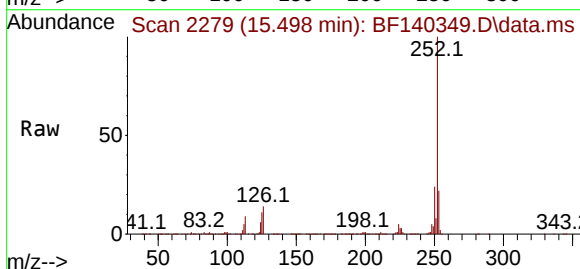
Tgt Ion:252 Resp: 841057

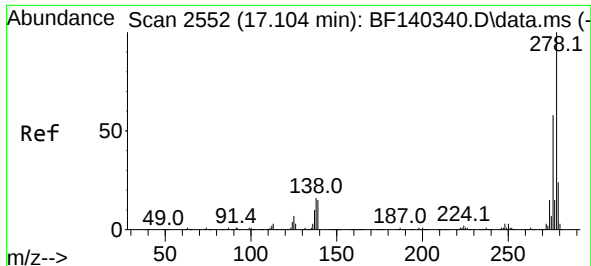
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.6 8.4 12.6

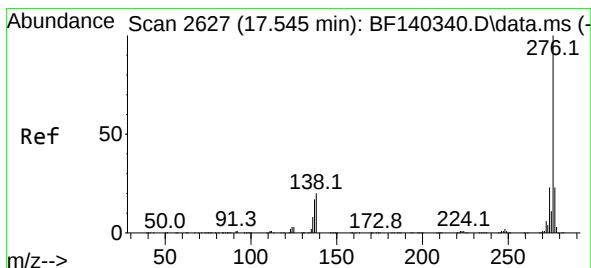
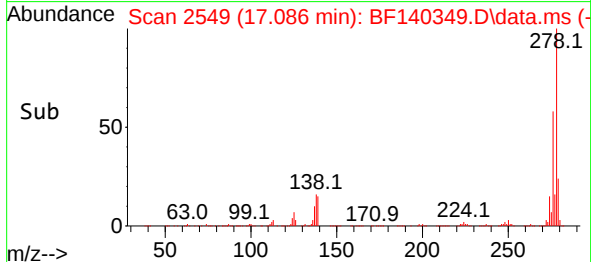
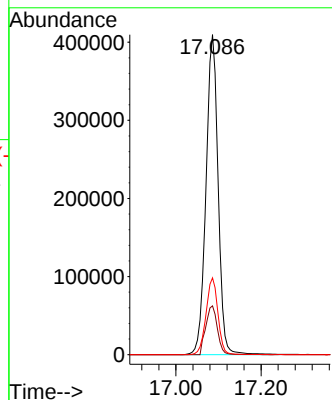
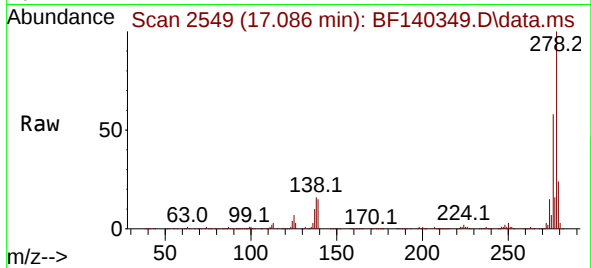




#91
Dibenzo(a,h)anthracene
Concen: 51.486 ng
RT: 17.086 min Scan# 2549
Delta R.T. 0.012 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Instrument :
BNA_F
ClientSampleId :
SP6681

Tgt Ion:278 Resp: 808492
Ion Ratio Lower Upper
278 100
139 15.3 11.8 17.8
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 46.205 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.012 min
Lab File: BF140349.D
Acq: 13 Nov 2024 18:39

Tgt Ion:276 Resp: 741766
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 20.0 16.0 24.0

