

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140842.D
 Acq On : 13 Dec 2024 14:06
 Operator : RC/JU
 Sample : PB165590BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165590BS

Quant Time: Dec 13 16:14:14 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	6.857	152	65473	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	245294	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	137409	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	259466	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	132742	20.000	ng	0.00
86) Perylene-d12	15.574	264	131827	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	559488	145.801	ng	0.00
7) Phenol-d6	6.510	99	708581	139.676	ng	0.00
23) Nitrobenzene-d5	7.428	82	459916	95.905	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	227732	154.962	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	953300	103.367	ng	-0.02
79) Terphenyl-d14	12.974	244	997544	117.017	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	71228	44.148	ng	99
3) Pyridine	3.493	79	177211	49.921	ng	99
4) n-Nitrosodimethylamine	3.434	42	98710	47.312	ng	99
6) Aniline	6.528	93	205650	57.594	ng	# 83
8) 2-Chlorophenol	6.651	128	216626	52.472	ng	95
9) Benzaldehyde	6.416	77	56458	21.023	ng	99
10) Phenol	6.522	94	266021	51.347	ng	90
11) bis(2-Chloroethyl)ether	6.592	93	205334	51.793	ng	98
12) 1,3-Dichlorobenzene	6.798	146	232876	50.201	ng	99
13) 1,4-Dichlorobenzene	6.875	146	237650	50.596	ng	99
14) 1,2-Dichlorobenzene	7.028	146	222276	50.503	ng	100
15) Benzyl Alcohol	7.010	79	192700	51.221	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	242913	51.864	ng	# 63
17) 2-Methylphenol	7.128	107	168984	51.134	ng	93
18) Hexachloroethane	7.363	117	88303	50.336	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	155381	51.825	ng	97
20) 3+4-Methylphenols	7.281	107	222646	52.415	ng	# 81
22) Acetophenone	7.269	105	305984	51.167	ng	94
24) Nitrobenzene	7.445	77	233807	47.173	ng	98
25) Isophorone	7.681	82	420164	52.530	ng	99
26) 2-Nitrophenol	7.763	139	115589	52.626	ng	97
27) 2,4-Dimethylphenol	7.798	122	173387m	65.977	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	249729	51.250	ng	99
29) 2,4-Dichlorophenol	8.010	162	184033	52.848	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	197103	49.574	ng	99
31) Naphthalene	8.163	128	636160	50.350	ng	99
32) Benzoic acid	7.951	122	117263	50.785	ng	98
33) 4-Chloroaniline	8.216	127	116730	30.857	ng	99
34) Hexachlorobutadiene	8.269	225	134359	51.019	ng	100
35) Caprolactam	8.598	113	52908m	49.095	ng	
36) 4-Chloro-3-methylphenol	8.716	107	202576	51.958	ng	99
37) 2-Methylnaphthalene	8.851	142	422746	52.678	ng	100
38) 1-Methylnaphthalene	8.951	142	392116	49.848	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	216444	53.806	ng	98
41) Hexachlorocyclopentadiene	9.004	237	111955	119.823	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	128003	50.711	ng	99

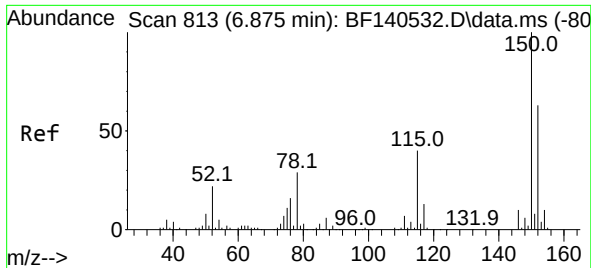
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
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 QLast Update : Thu Nov 21 15:23:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	136125	49.691	ng	98
46) 1,1'-Biphenyl	9.316	154	536260	52.272	ng	100
47) 2-Chloronaphthalene	9.345	162	396892	51.057	ng	99
48) 2-Nitroaniline	9.451	65	127251	50.999	ng	97
49) Acenaphthylene	9.763	152	647476	55.127	ng	99
50) Dimethylphthalate	9.622	163	491428	54.303	ng	100
51) 2,6-Dinitrotoluene	9.692	165	104973	51.146	ng	94
52) Acenaphthene	9.933	154	395315	52.971	ng	99
53) 3-Nitroaniline	9.863	138	69929	34.836	ng	97
54) 2,4-Dinitrophenol	9.986	184	95037	88.488	ng	95
55) Dibenzofuran	10.104	168	600707	52.771	ng	99
56) 4-Nitrophenol	10.051	139	102637	74.971	ng	97
57) 2,4-Dinitrotoluene	10.104	165	141539	51.889	ng	# 93
58) Fluorene	10.451	166	480895	52.632	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	124110	58.949	ng	92
60) Diethylphthalate	10.322	149	494349	53.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	244904	54.617	ng	97
62) 4-Nitroaniline	10.486	138	101045m	47.994	ng	
63) Azobenzene	10.598	77	461272	52.975	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	74620	56.279	ng	96
66) n-Nitrosodiphenylamine	10.563	169	415810	54.191	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	144321	54.010	ng	98
68) Hexachlorobenzene	10.998	284	165612	53.526	ng	98
69) Atrazine	11.092	200	135211	62.639	ng	98
70) Pentachlorophenol	11.204	266	124802	91.648	ng	98
71) Phenanthrene	11.416	178	669053	53.643	ng	99
72) Anthracene	11.469	178	685738	56.207	ng	100
73) Carbazole	11.627	167	599577	51.086	ng	100
74) Di-n-butylphthalate	11.945	149	732768	54.079	ng	99
75) Fluoranthene	12.610	202	690550	50.994	ng	100
77) Benzidine	12.733	184	142477	36.917	ng	99
78) Pyrene	12.839	202	703359	57.306	ng	99
80) Butylbenzylphthalate	13.451	149	227971	51.560	ng	98
81) Benzo(a)anthracene	14.045	228	485156	55.213	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	96507	36.581	ng	99
83) Chrysene	14.080	228	435631	54.219	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	266457	47.726	ng	100
85) Di-n-octyl phthalate	14.657	149	421429	55.234	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	558496	65.009	ng	99
88) Benzo(b)fluoranthene	15.133	252	394849	47.686	ng	100
89) Benzo(k)fluoranthene	15.163	252	397635	54.877	ng	100
90) Benzo(a)pyrene	15.510	252	396974	58.964	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	463395	65.863	ng	99
92) Benzo(g,h,i)perylene	17.556	276	426632	59.423	ng	99

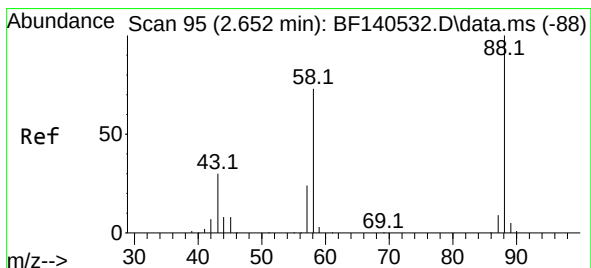
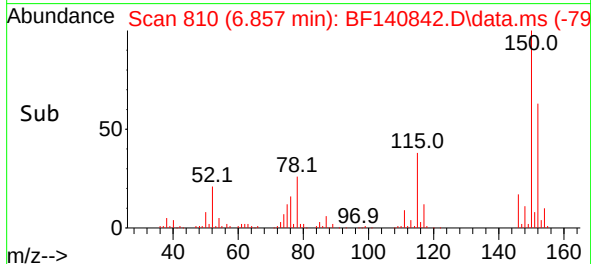
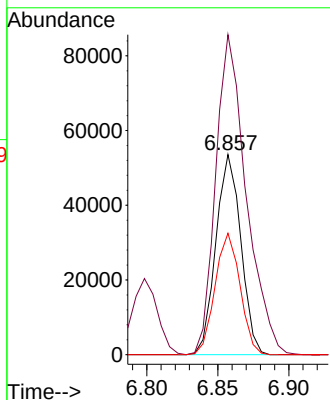
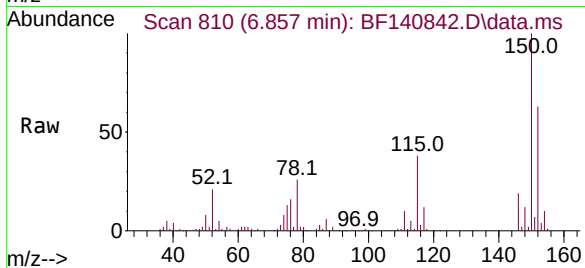
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF140842.D
 Acq: 13 Dec 2024 14:06

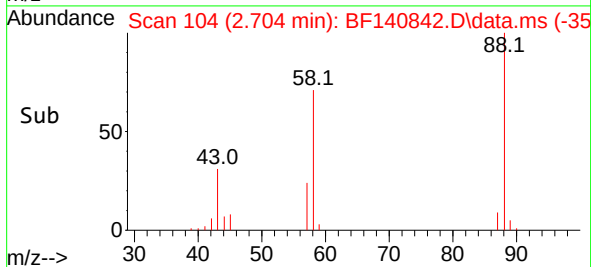
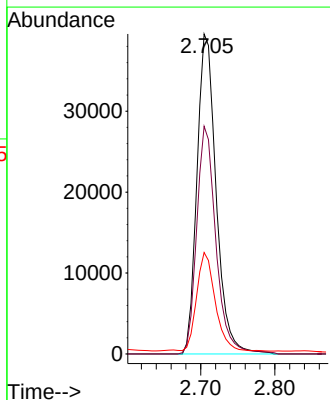
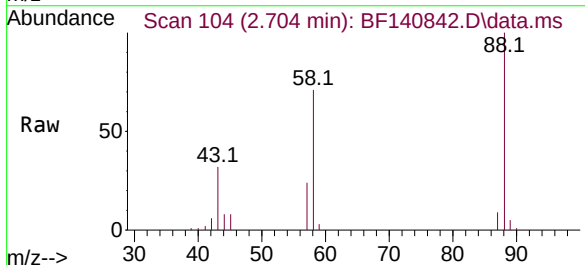
Instrument :
 BNA_F
 ClientSampleId :
 PB165590BS

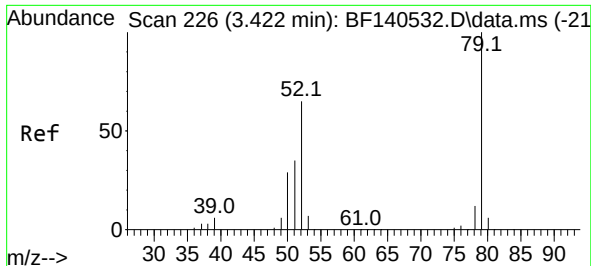
Tgt Ion:152 Resp: 65473
 Ion Ratio Lower Upper
 152 100
 150 159.8 128.5 192.7
 115 60.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 44.148 ng
 RT: 2.704 min Scan# 104
 Delta R.T. 0.053 min
 Lab File: BF140842.D
 Acq: 13 Dec 2024 14:06

Tgt Ion: 88 Resp: 71228
 Ion Ratio Lower Upper
 88 100
 58 71.3 57.4 86.2
 43 29.9 24.3 36.5





#3

Pyridine

Concen: 49.921 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

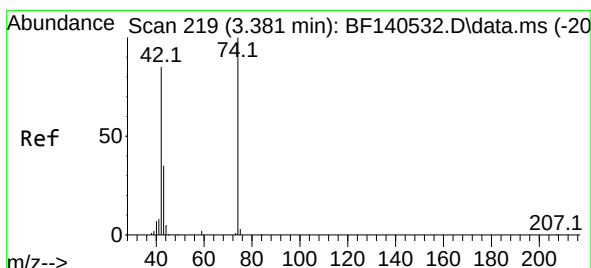
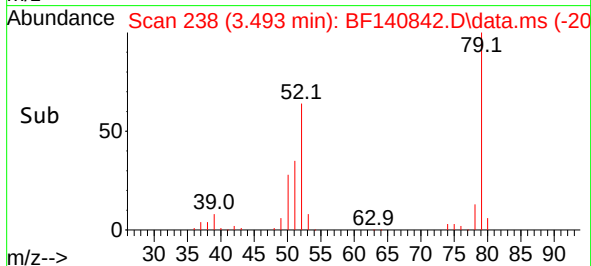
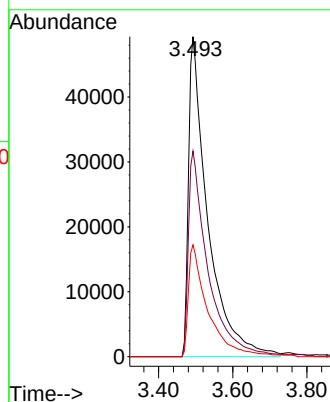
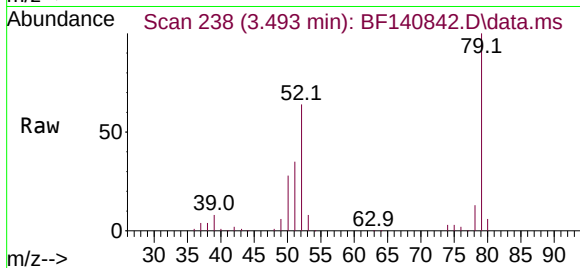
Tgt Ion: 79 Resp: 177211

Ion Ratio Lower Upper

79 100

52 64.3 52.1 78.1

51 35.0 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 47.312 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.053 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

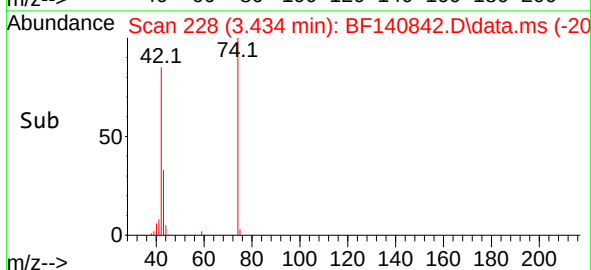
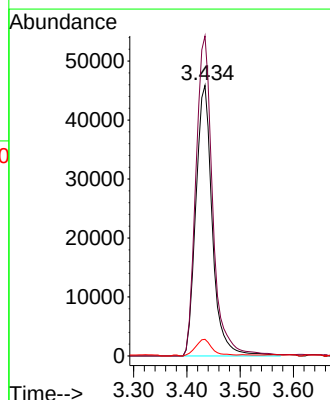
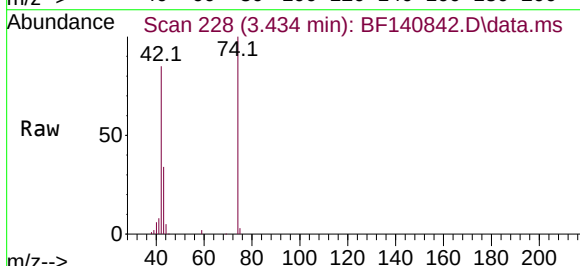
Tgt Ion: 42 Resp: 98710

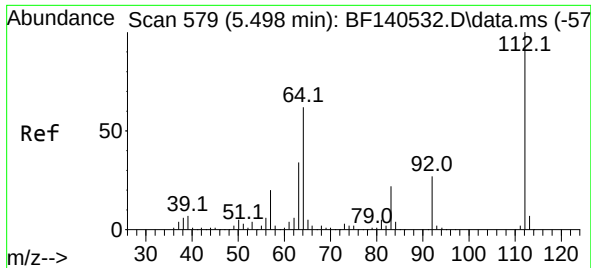
Ion Ratio Lower Upper

42 100

74 118.3 93.8 140.6

44 6.2 4.6 6.8

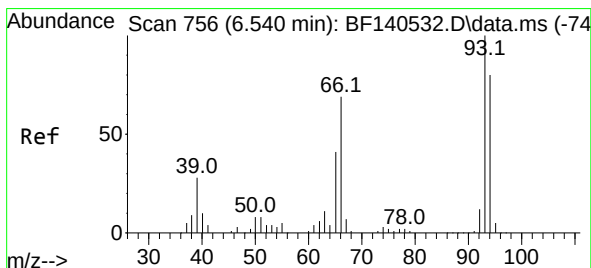
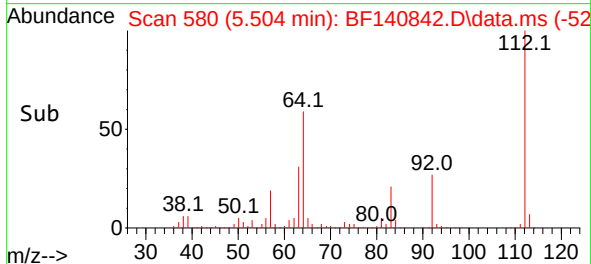
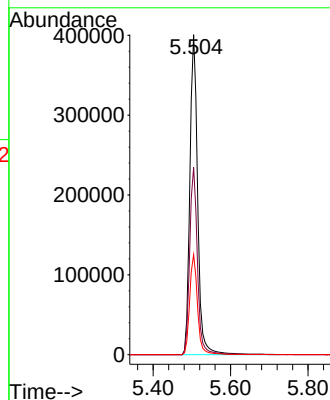
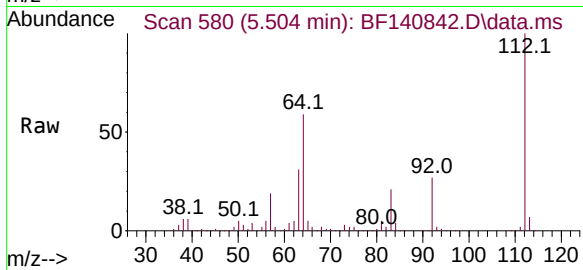




#5
2-Fluorophenol
Concen: 145.801 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

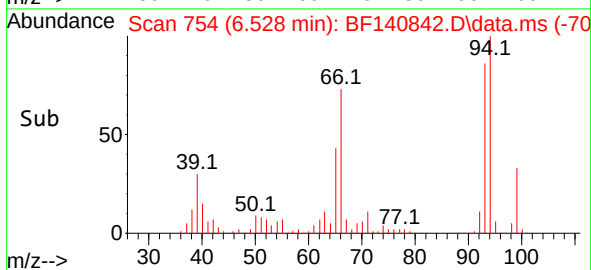
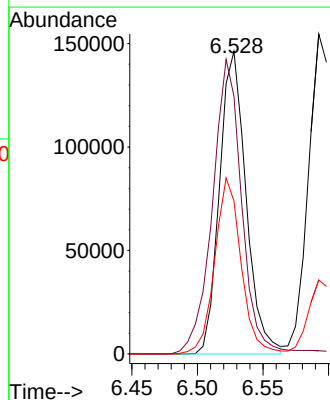
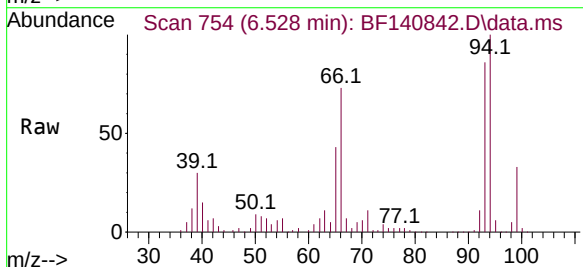
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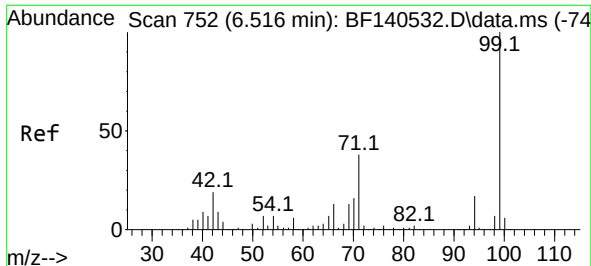
Tgt Ion:112 Resp: 559488
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 31.2 27.0 40.4



#6
Aniline
Concen: 57.594 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion: 93 Resp: 205650
Ion Ratio Lower Upper
93 100
66 85.1 56.5 84.7#
65 50.5 32.9 49.3#

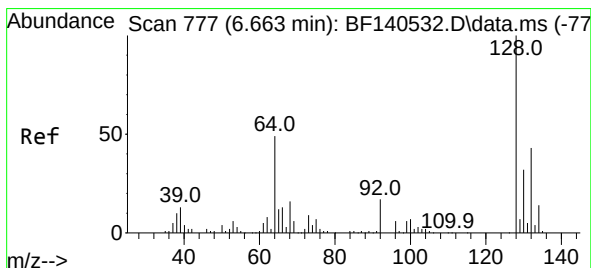
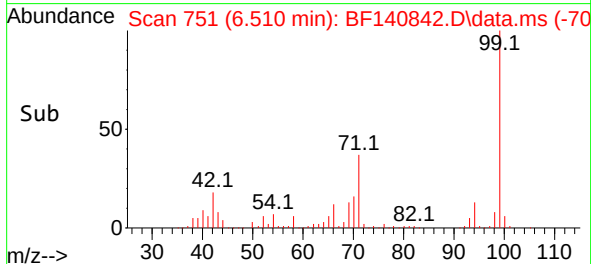
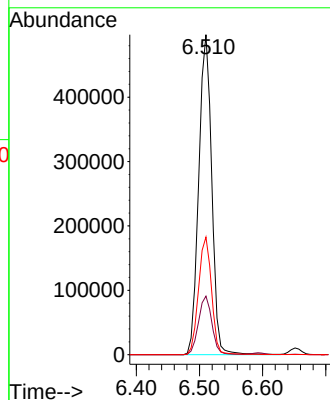
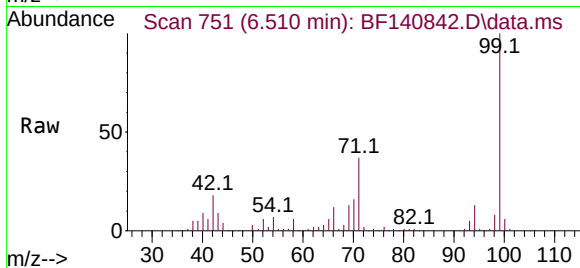




#7
Phenol-d6
Concen: 139.676 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

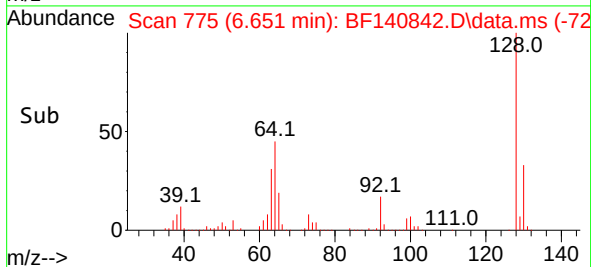
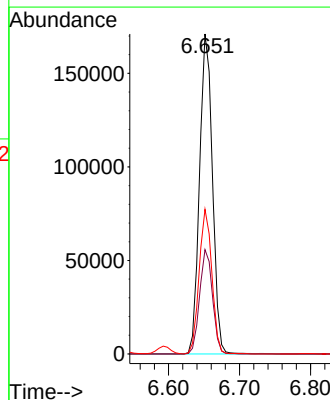
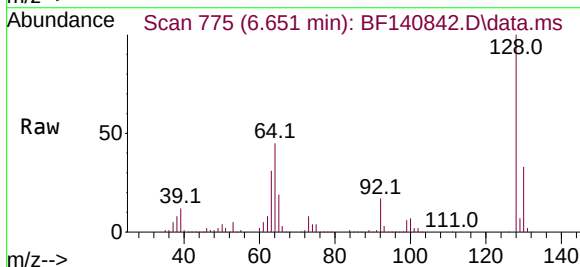
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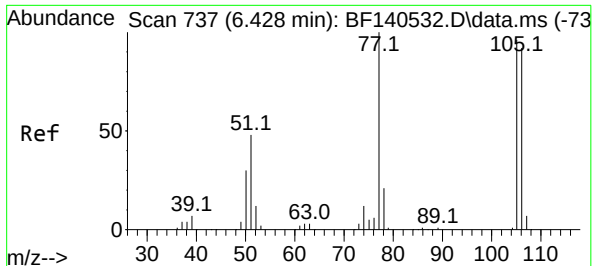
Tgt Ion: 99 Resp: 708581
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 36.7 30.6 46.0



#8
2-Chlorophenol
Concen: 52.472 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:128 Resp: 216626
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 45.2 30.2 70.2





#9

Benzaldehyde

Concen: 21.023 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

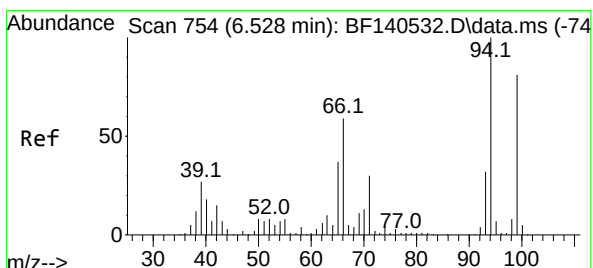
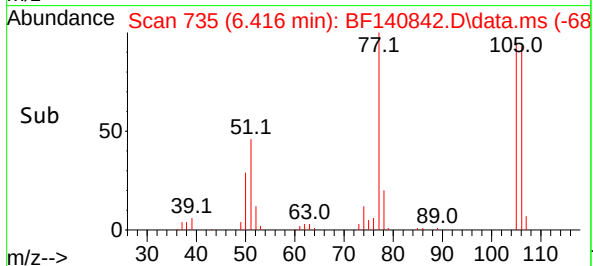
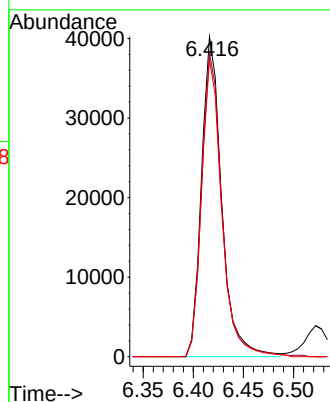
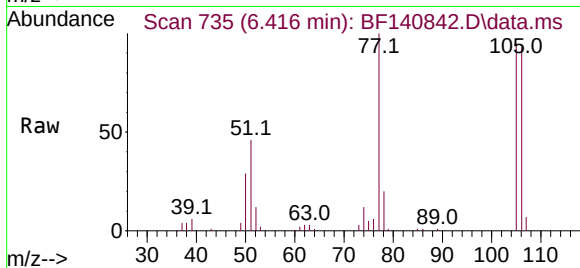
Tgt Ion: 77 Resp: 56458

Ion Ratio Lower Upper

77 100

105 94.9 75.6 115.6

106 92.8 72.0 112.0



#10

Phenol

Concen: 51.347 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

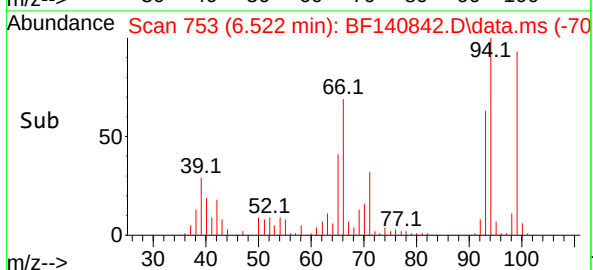
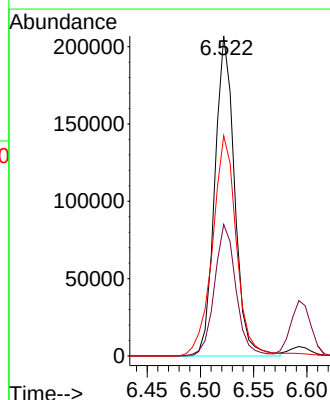
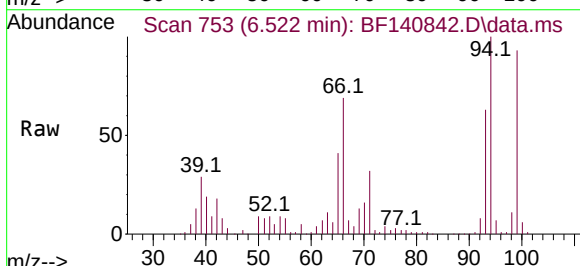
Tgt Ion: 94 Resp: 266021

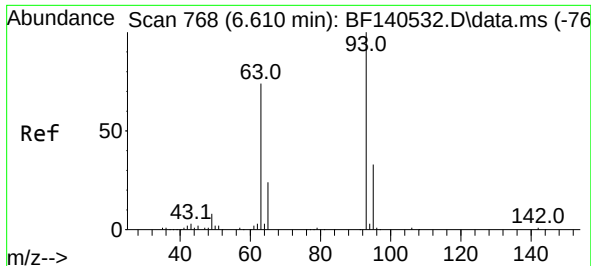
Ion Ratio Lower Upper

94 100

65 41.1 17.2 57.2

66 68.8 39.2 79.2

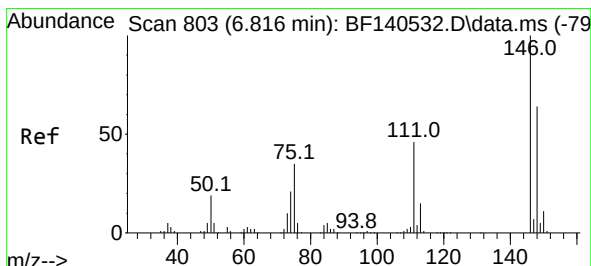
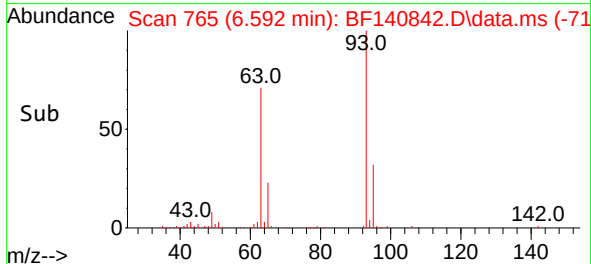
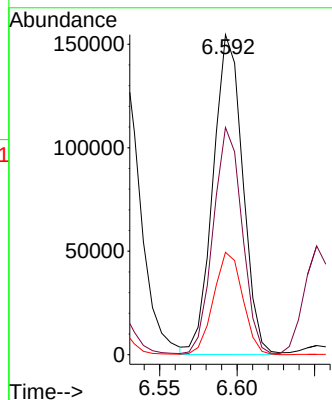
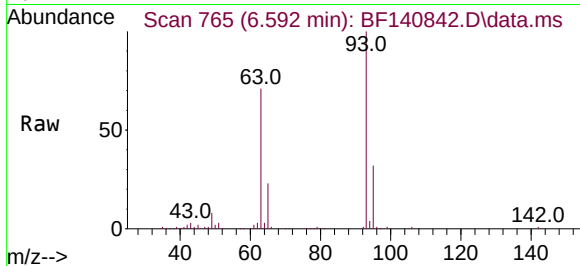




#11
bis(2-Chloroethyl)ether
Concen: 51.793 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

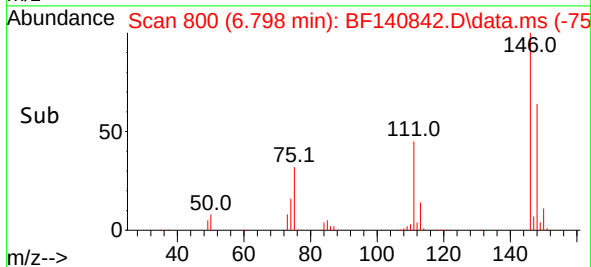
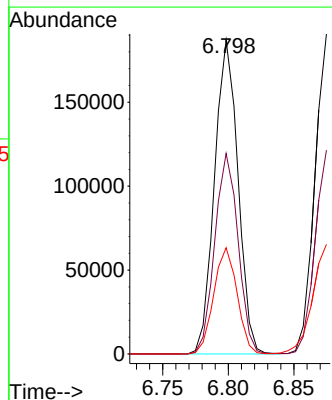
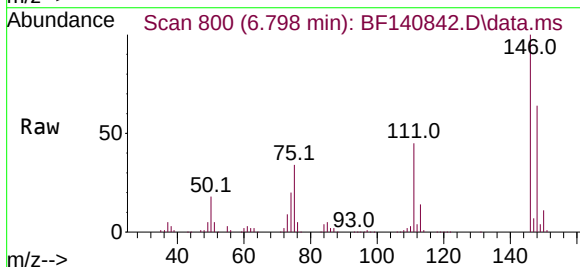
Instrument :
BNA_F
ClientSampleId :
PB165590BS

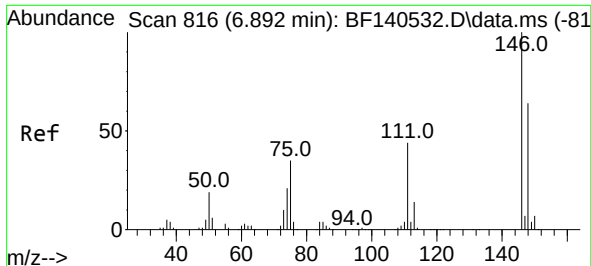
Tgt Ion: 93 Resp: 205334
Ion Ratio Lower Upper
93 100
63 71.0 52.8 92.8
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 50.201 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:146 Resp: 232876
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 33.9 28.2 42.2

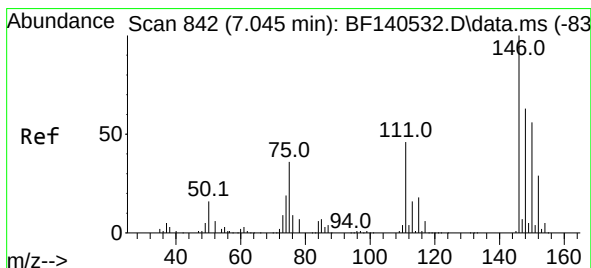
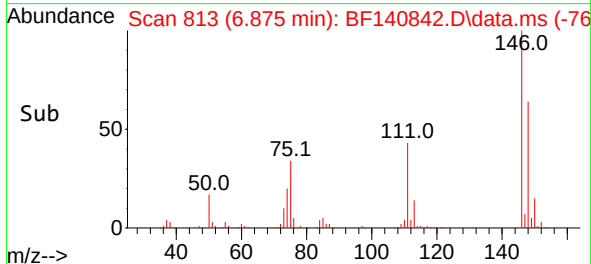
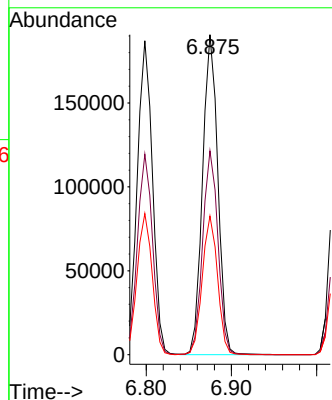
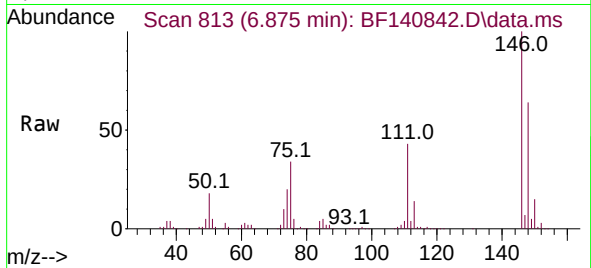




#13
1,4-Dichlorobenzene
Concen: 50.596 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

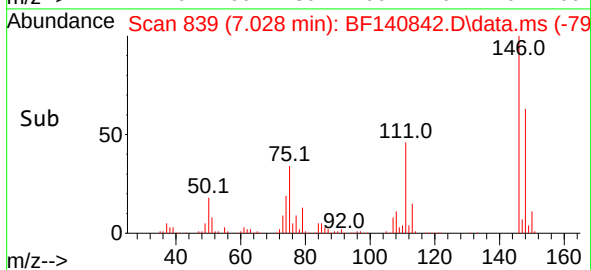
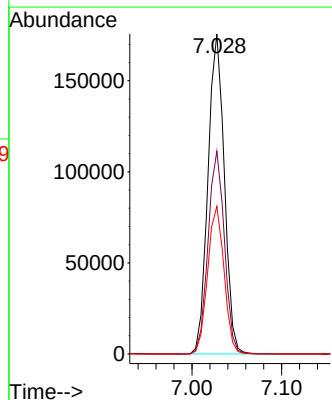
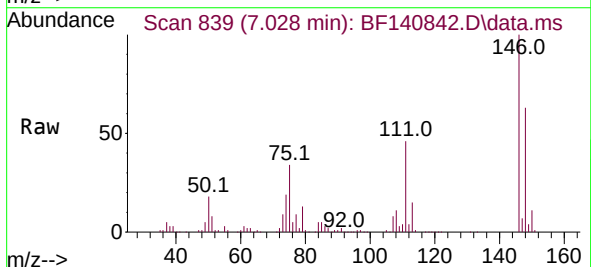
Instrument :
BNA_F
ClientSampleId :
PB165590BS

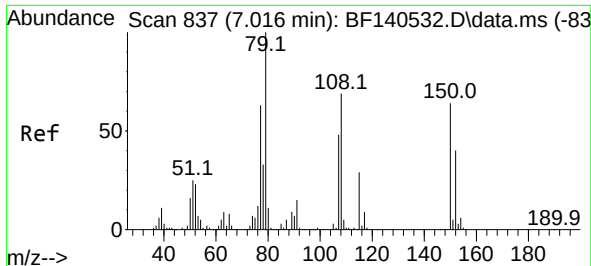
Tgt Ion:146 Resp: 237650
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 43.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 50.503 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:146 Resp: 222276
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 46.1 36.7 55.1

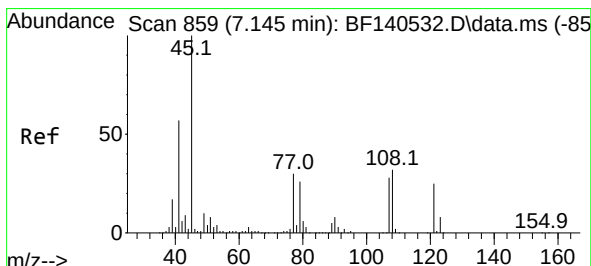
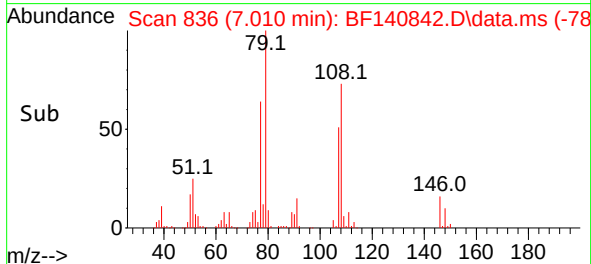
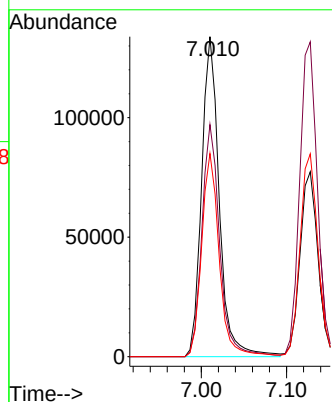
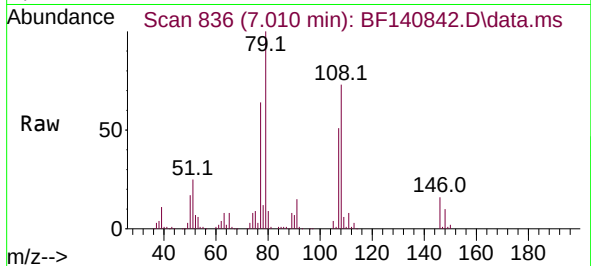




#15
Benzyl Alcohol
Concen: 51.221 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

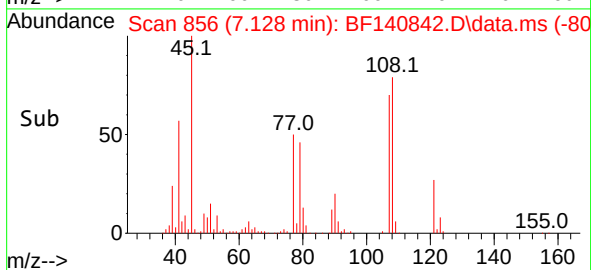
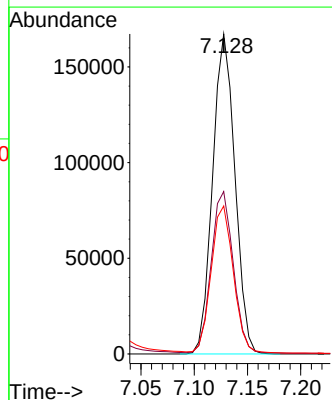
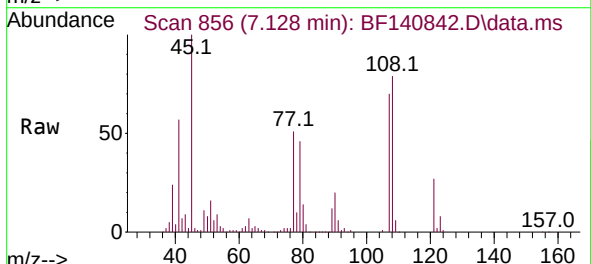
Instrument :
BNA_F
ClientSampleId :
PB165590BS

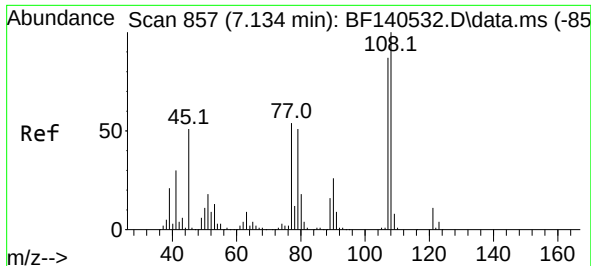
Tgt Ion: 79 Resp: 192700
Ion Ratio Lower Upper
79 100
108 72.6 55.0 82.6
77 63.5 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 51.864 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

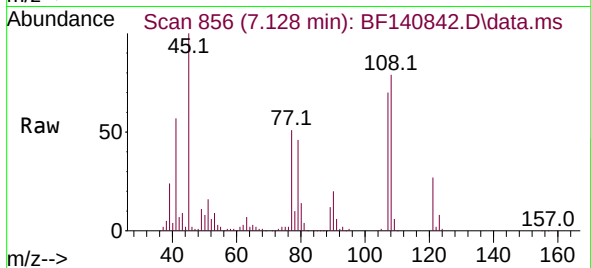
Tgt Ion: 45 Resp: 242913
Ion Ratio Lower Upper
45 100
77 50.8 10.7 50.7#
79 46.3 7.0 47.0



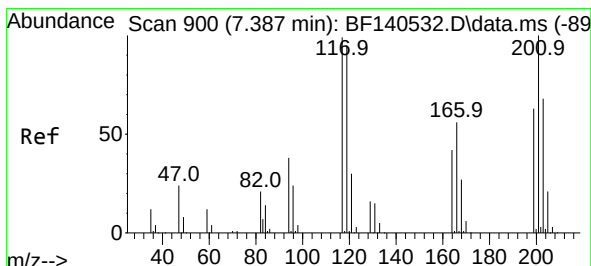
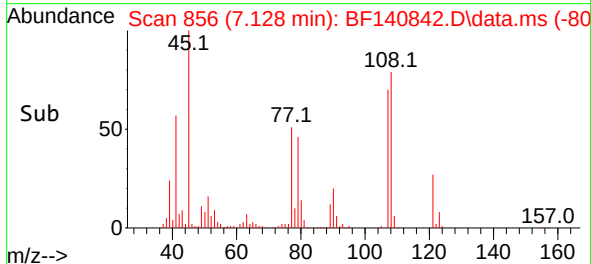
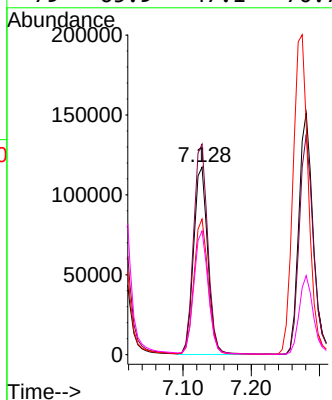


#17
2-Methylphenol
Concen: 51.134 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Instrument :
BNA_F
ClientSampleId :
PB165590BS

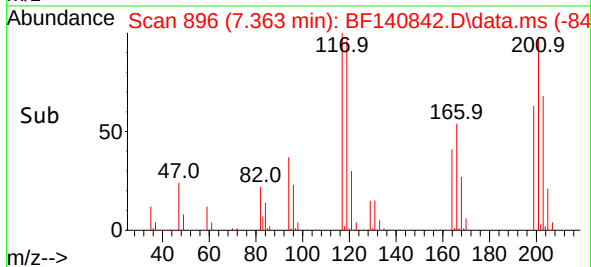
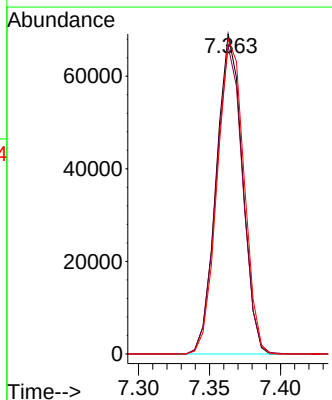
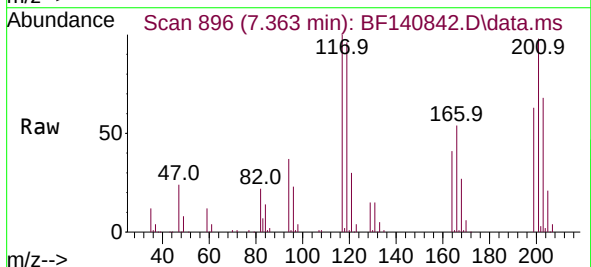


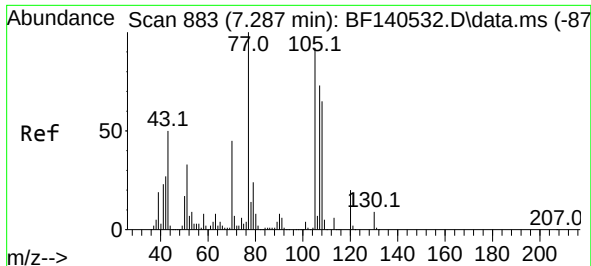
Tgt Ion:	107	Resp:	168984
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	72.3	49.3	73.9
79	65.9	47.1	70.7



#18
Hexachloroethane
Concen: 50.336 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

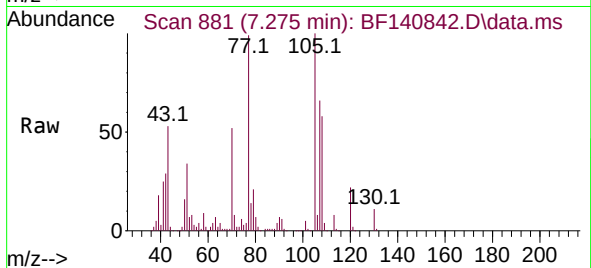
Tgt Ion:	117	Resp:	88303
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	98.4	81.1	121.7



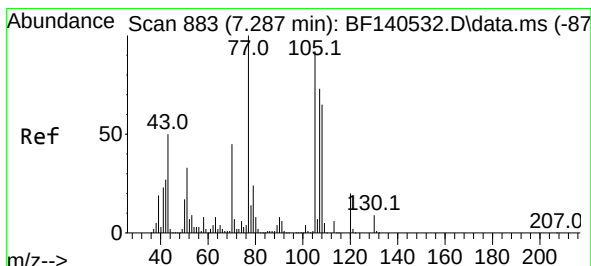
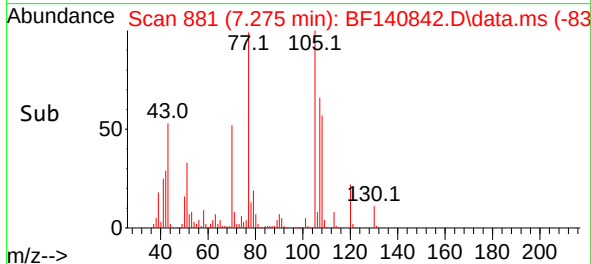
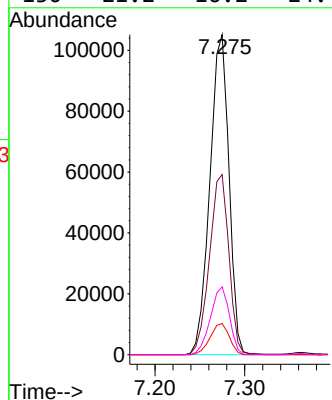


#19
n-Nitroso-di-n-propylamine
Concen: 51.825 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Instrument :
BNA_F
ClientSampleId :
PB165590BS

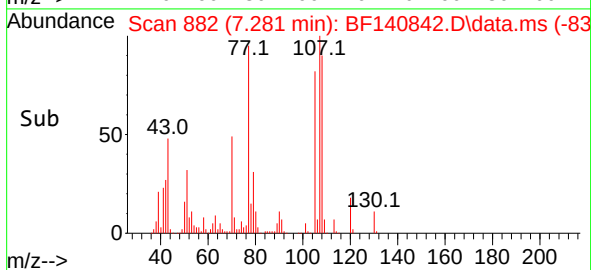
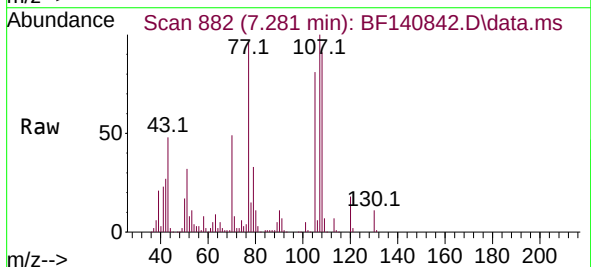
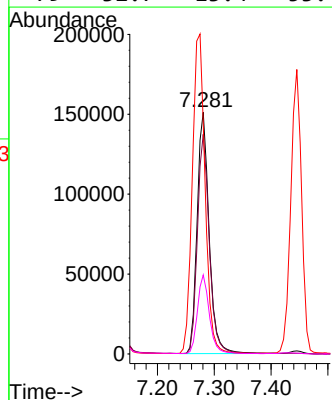


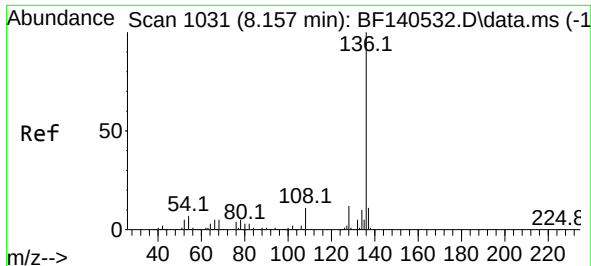
Tgt Ion:	70	Resp:	155381
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.6	71.4
101	9.8	7.6	11.4
130	21.2	16.2	24.4



#20
3+4-Methylphenols
Concen: 52.415 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:	107	Resp:	222646
Ion	Ratio	Lower	Upper
107	100		
108	90.9	69.9	109.9
77	95.6	117.7	157.7#
79	32.7	13.4	53.4



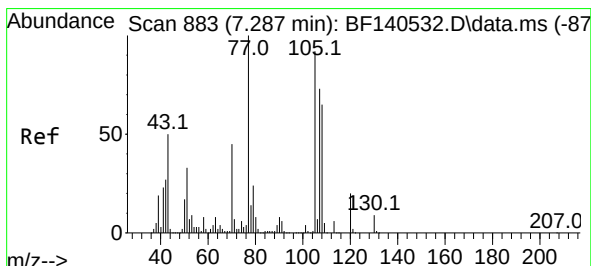
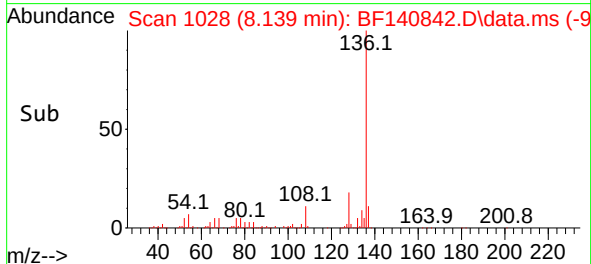
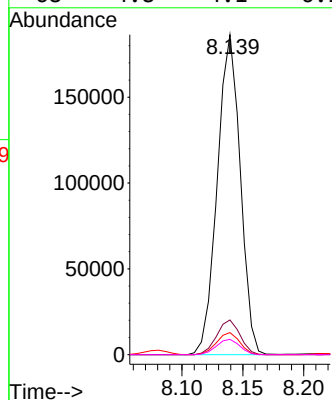
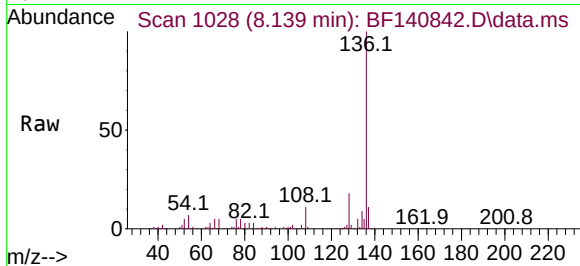


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Instrument :
BNA_F
ClientSampleId :
PB165590BS

Tgt Ion:136 Resp: 245294

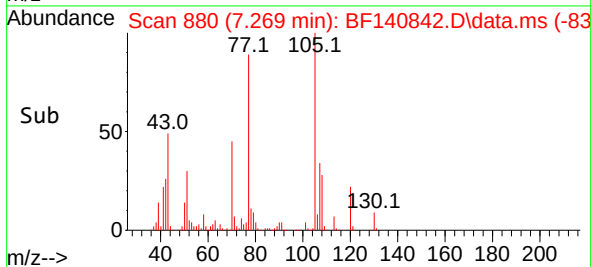
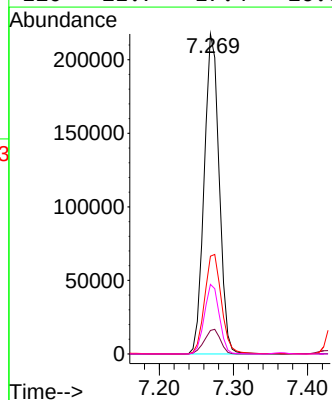
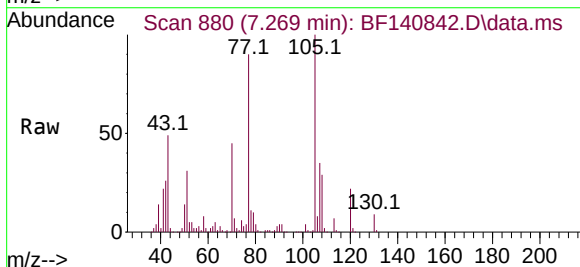
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.8	8.8
68	4.8	4.1	6.1

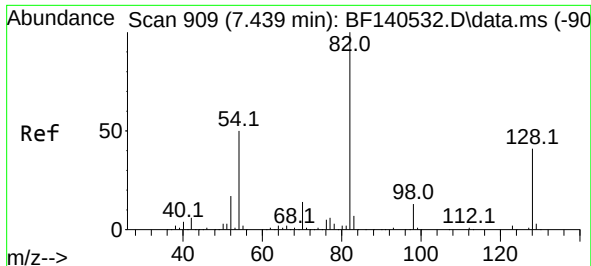


#22
Acetophenone
Concen: 51.167 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:105 Resp: 305984

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.2	9.2
51	30.5	29.0	43.6
120	21.7	17.4	26.0





#23

Nitrobenzene-d5

Concen: 95.905 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

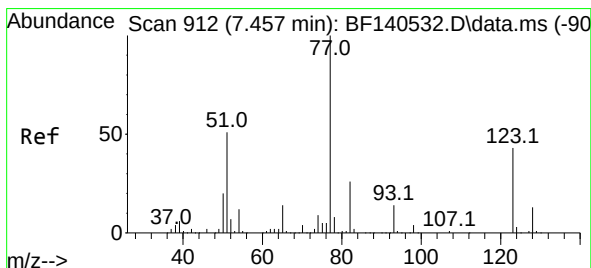
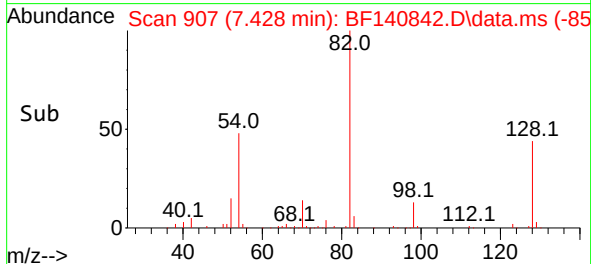
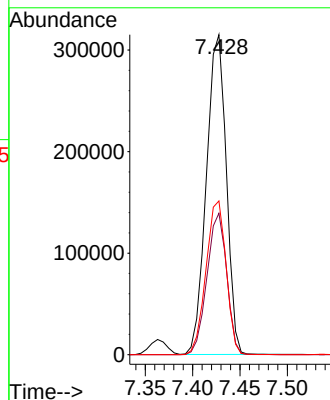
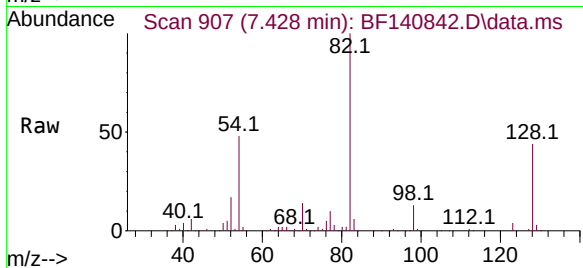
Tgt Ion: 82 Resp: 459916

Ion Ratio Lower Upper

82 100

128 44.2 33.0 49.4

54 48.1 39.5 59.3



#24

Nitrobenzene

Concen: 47.173 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

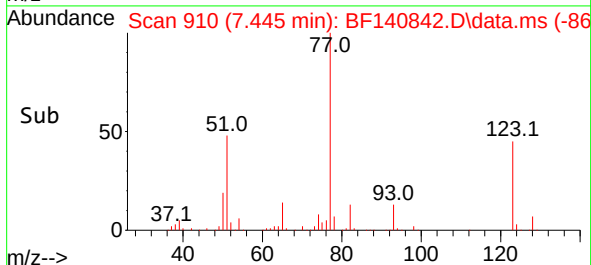
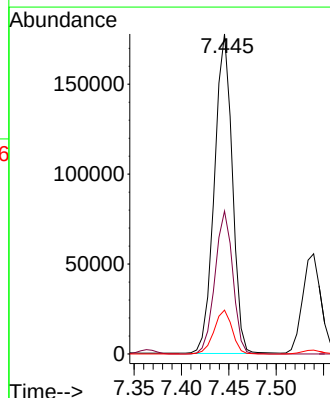
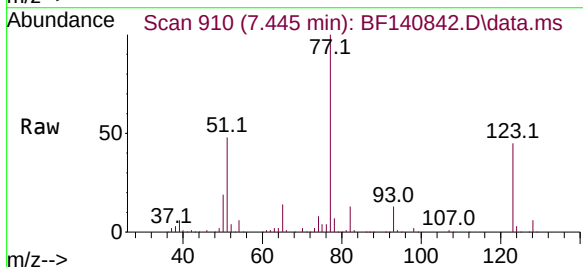
Tgt Ion: 77 Resp: 233807

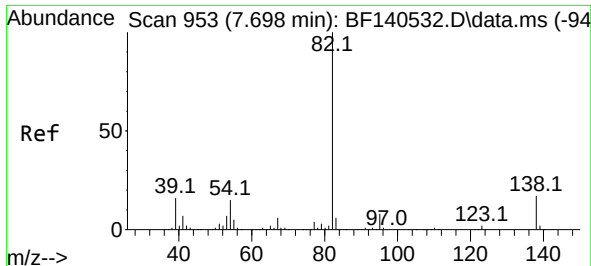
Ion Ratio Lower Upper

77 100

123 44.6 34.3 51.5

65 13.7 11.2 16.8

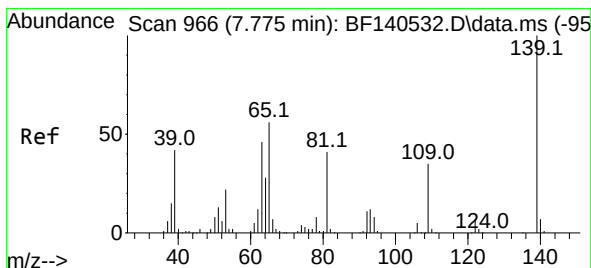
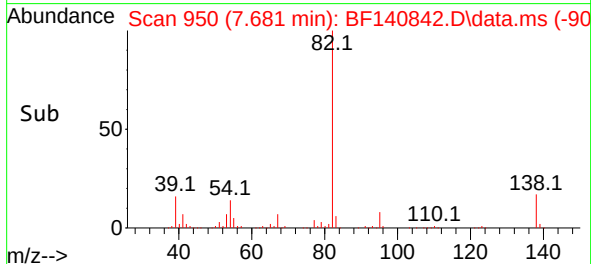
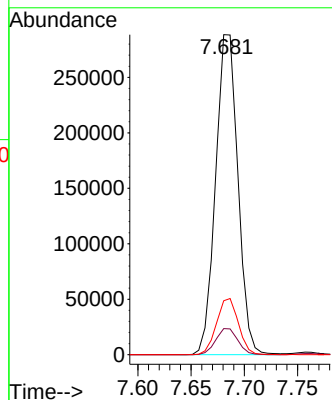
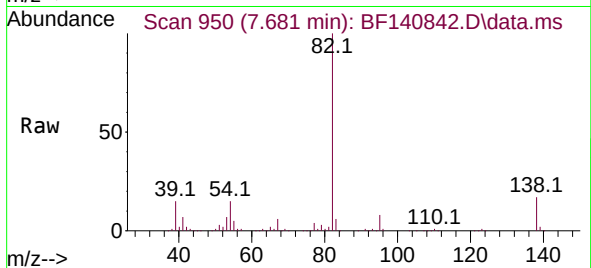




#25
Isophorone
Concen: 52.530 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

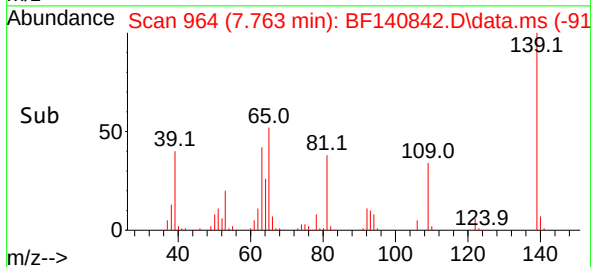
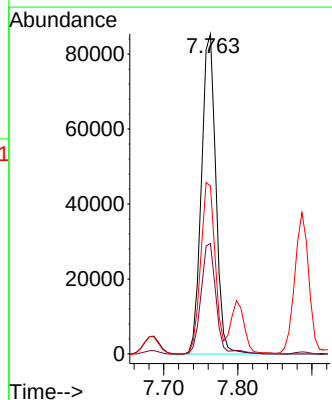
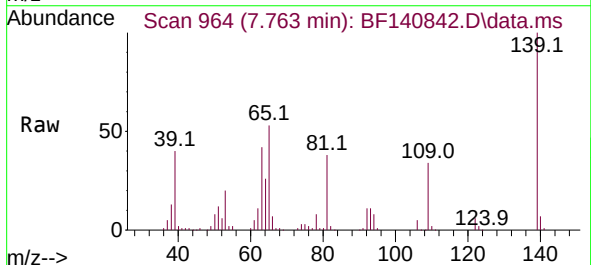
Instrument :
BNA_F
ClientSampleId :
PB165590BS

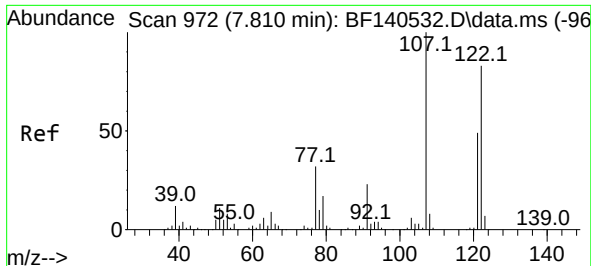
Tgt Ion: 82 Resp: 420164
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 16.9 13.8 20.6



#26
2-Nitrophenol
Concen: 52.626 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:139 Resp: 115589
Ion Ratio Lower Upper
139 100
109 34.5 28.0 42.0
65 52.5 44.6 67.0

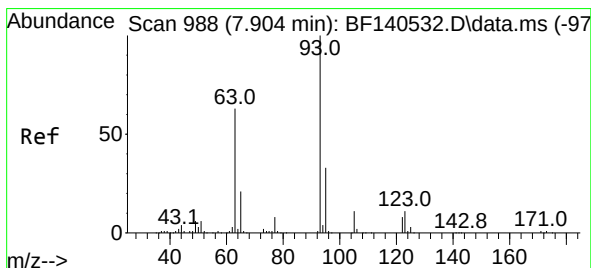
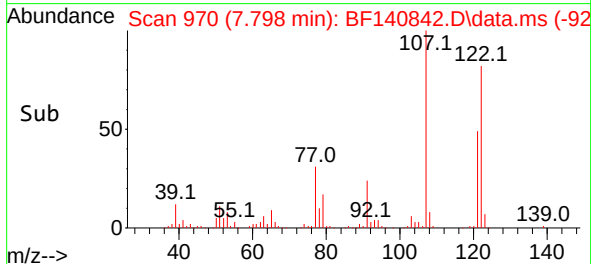
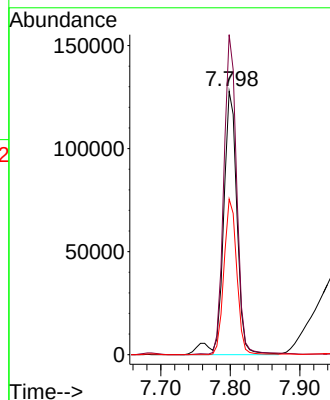
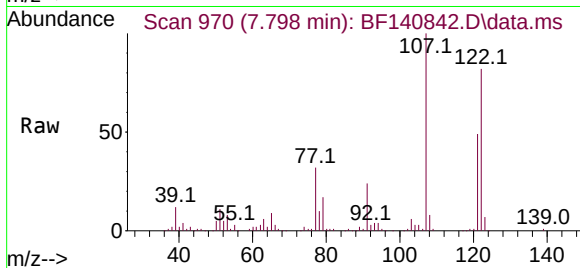




#27
2,4-Dimethylphenol
Concen: 65.977 ng m
RT: 7.798 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

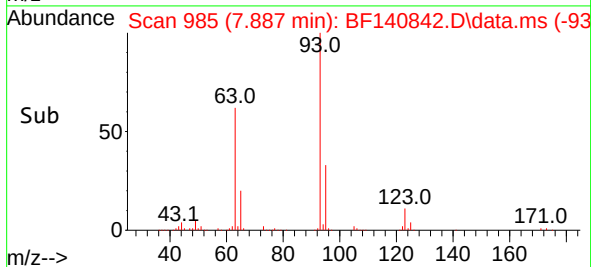
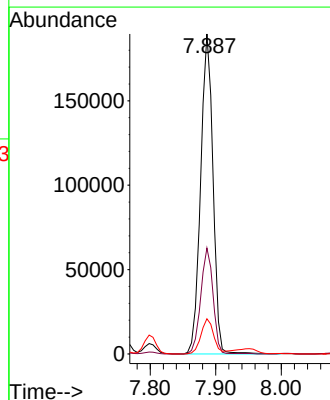
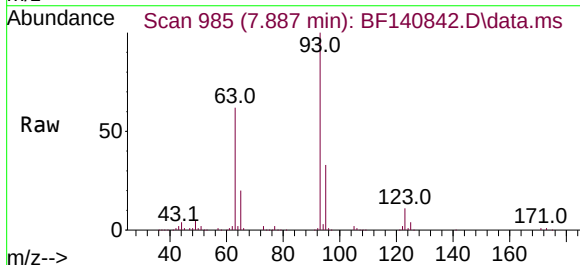
Instrument :
BNA_F
ClientSampleId :
PB165590BS

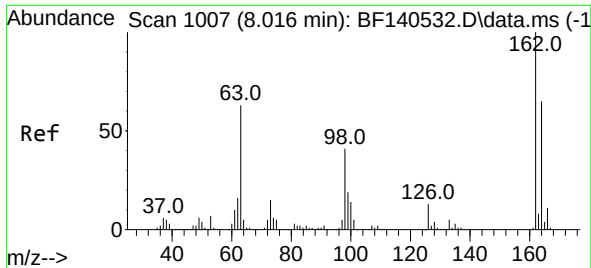
Tgt Ion:122 Resp: 173387
Ion Ratio Lower Upper
122 100
107 121.5 96.8 145.2
121 59.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 51.250 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion: 93 Resp: 249729
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 11.0 9.1 13.7

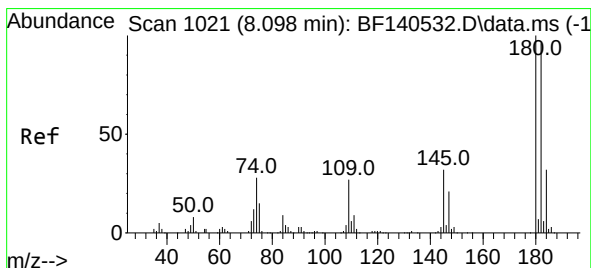
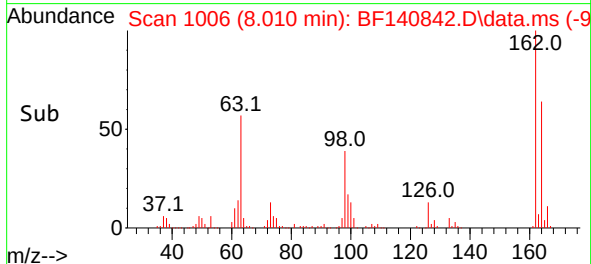
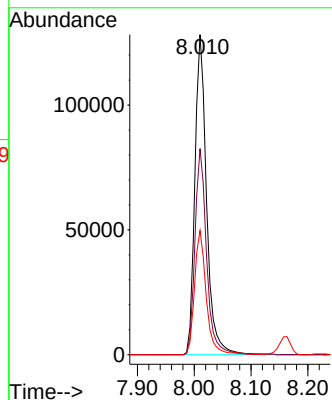
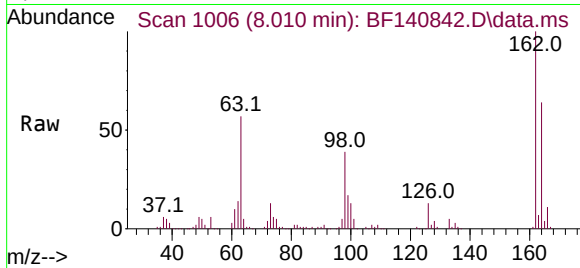




#29
2,4-Dichlorophenol
Concen: 52.848 ng
RT: 8.010 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

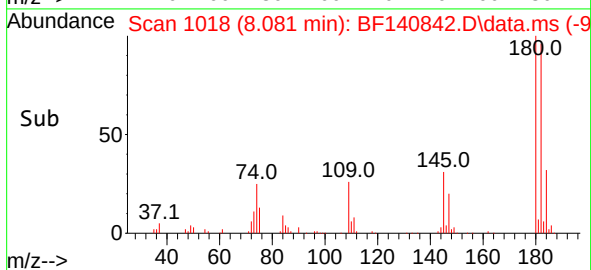
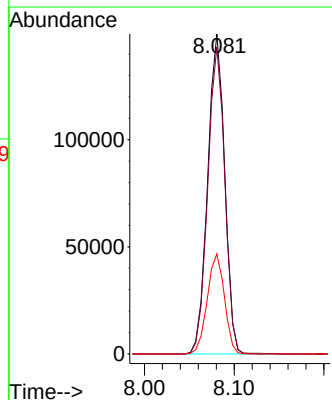
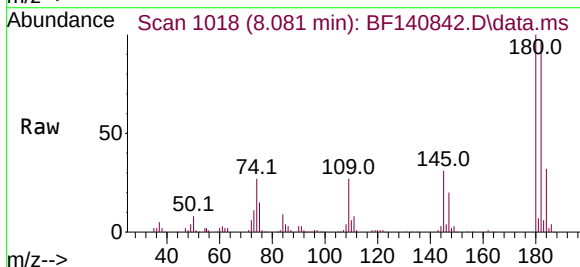
Instrument :
BNA_F
ClientSampleId :
PB165590BS

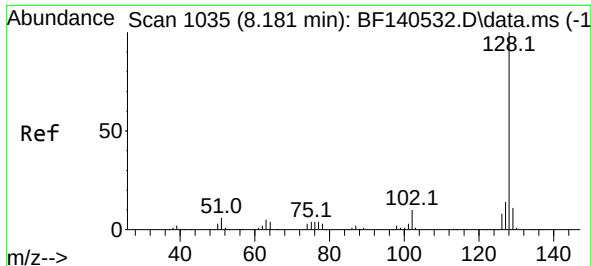
Tgt Ion:162 Resp: 184033
Ion Ratio Lower Upper
162 100
164 64.4 44.8 84.8
98 38.8 21.2 61.2



#30
1,2,4-Trichlorobenzene
Concen: 49.574 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:180 Resp: 197103
Ion Ratio Lower Upper
180 100
182 96.0 76.4 114.6
145 31.2 25.9 38.9

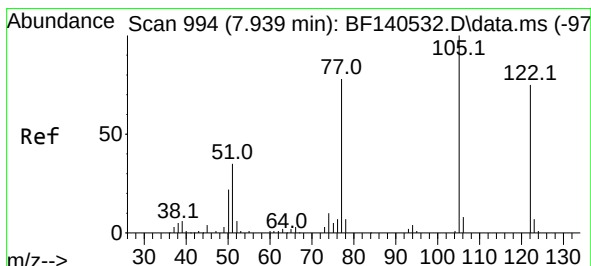
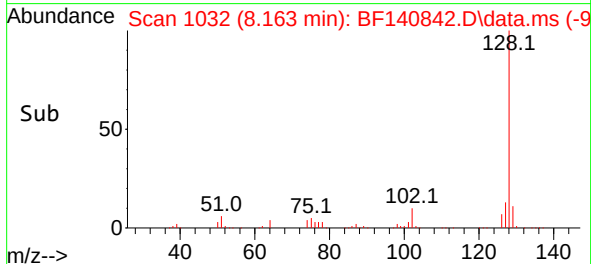
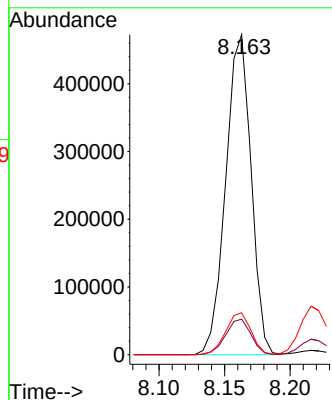
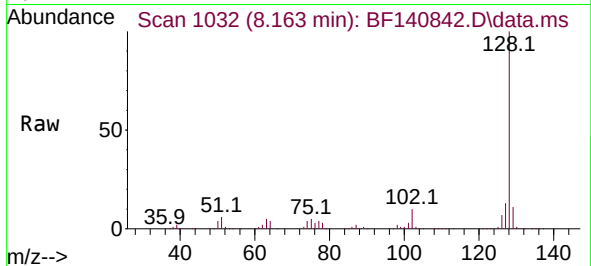




#31
Naphthalene
Concen: 50.350 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

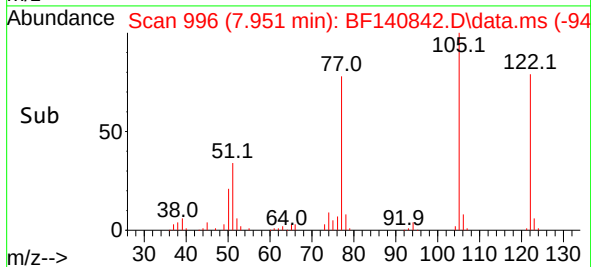
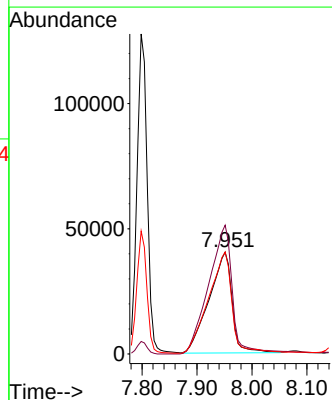
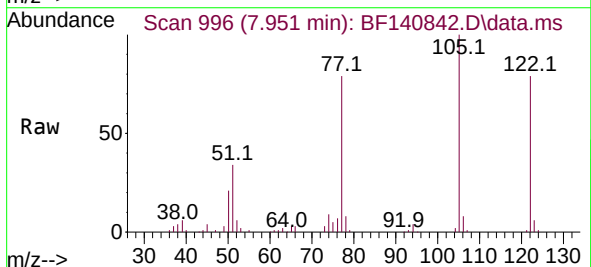
Instrument :
BNA_F
ClientSampleId :
PB165590BS

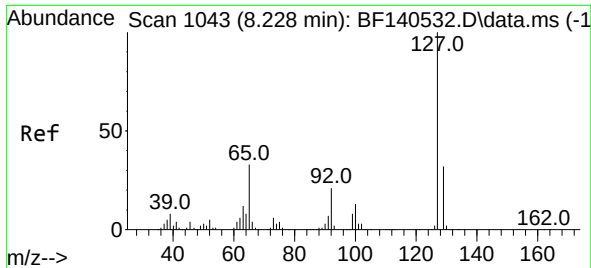
Tgt Ion:128 Resp: 636160
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 50.785 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:122 Resp: 117263
Ion Ratio Lower Upper
122 100
105 126.6 109.3 149.3
77 100.2 82.3 122.3



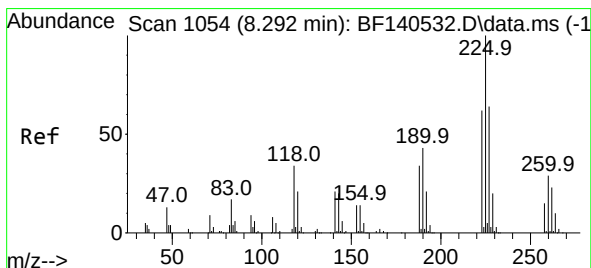
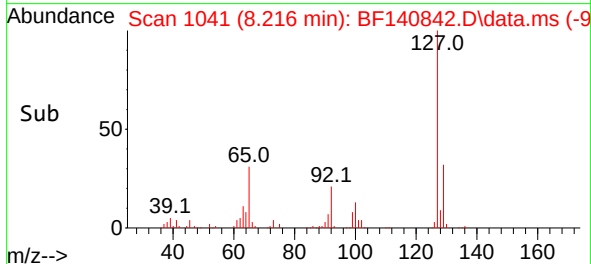
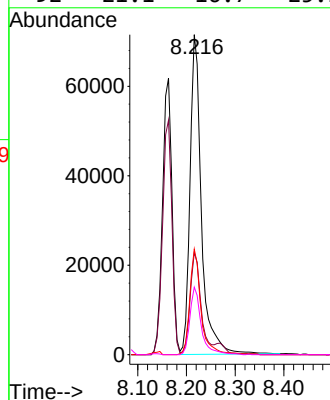
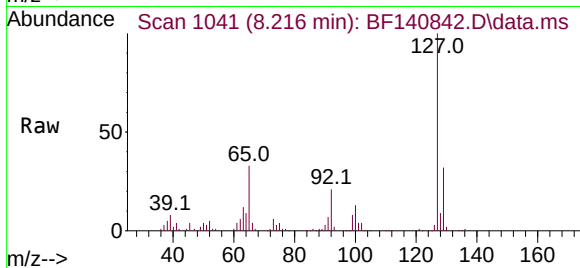


#33
4-Chloroaniline
Concen: 30.857 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Instrument :
BNA_F
ClientSampleId :
PB165590BS

Tgt Ion:127 Resp: 116730

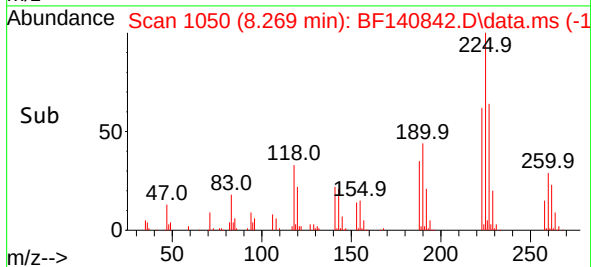
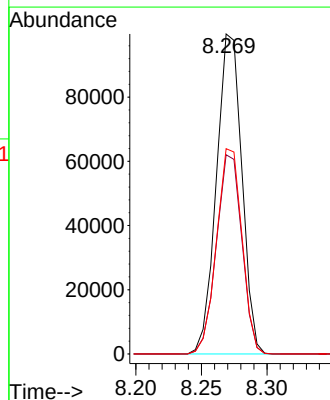
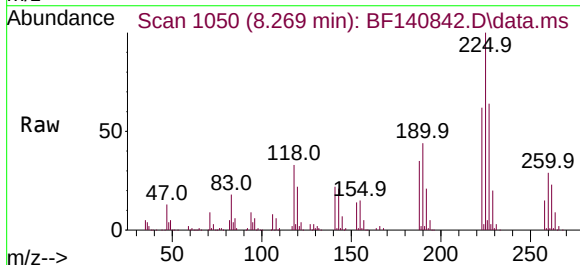
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	33.0	26.0	39.0
92	21.1	16.7	25.1

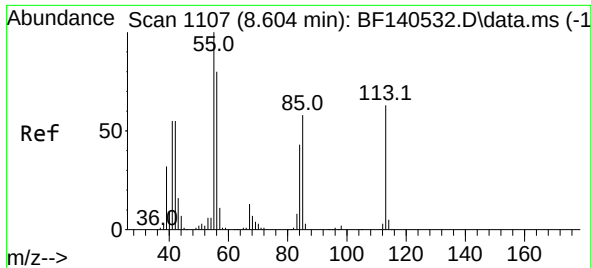


#34
Hexachlorobutadiene
Concen: 51.019 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.024 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:225 Resp: 134359

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.8
227	64.2	51.3	76.9

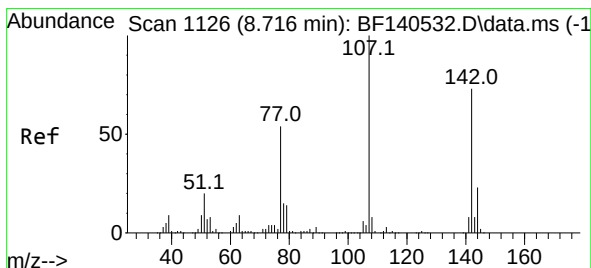
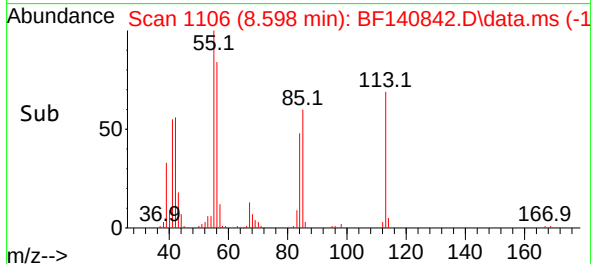
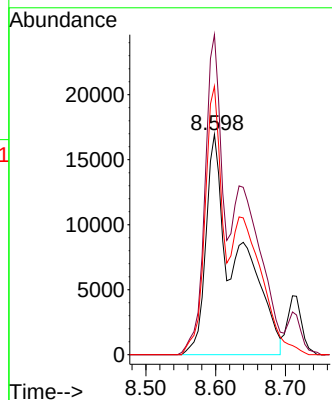
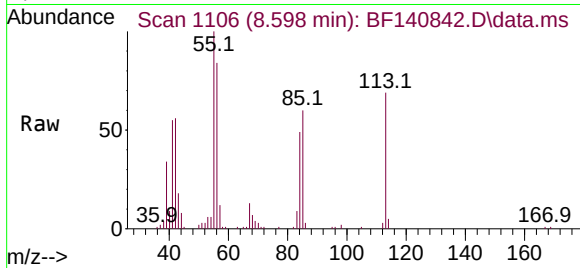




#35
 Caprolactam
 Concen: 49.095 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140842.D
 Acq: 13 Dec 2024 14:06

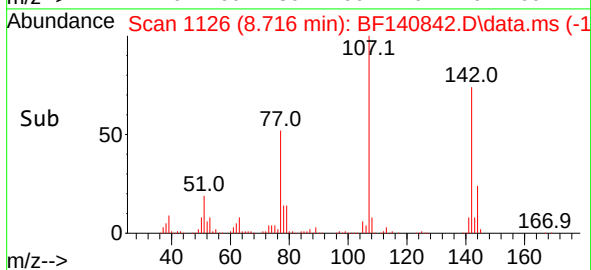
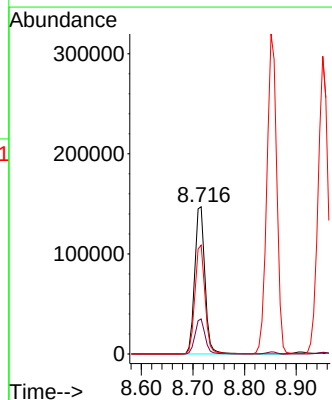
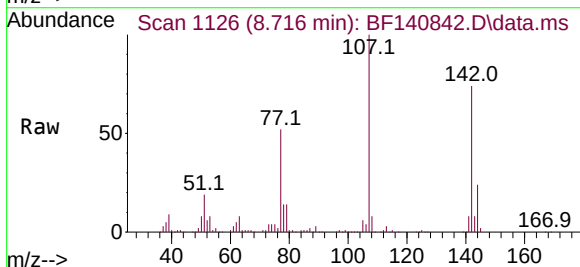
Instrument :
 BNA_F
 ClientSampleId :
 PB165590BS

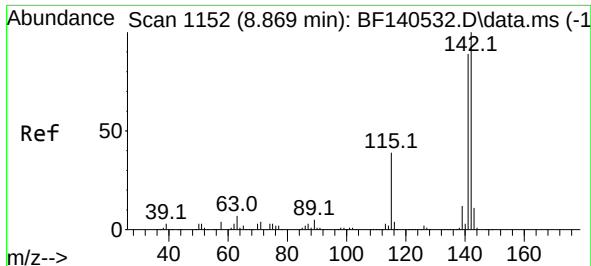
Tgt Ion:113 Resp: 52908
 Ion Ratio Lower Upper
 113 100
 55 145.3 137.7 177.7
 56 121.9 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 51.958 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140842.D
 Acq: 13 Dec 2024 14:06

Tgt Ion:107 Resp: 202576
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.7 28.1
 142 73.9 58.3 87.5





#37

2-Methylnaphthalene

Concen: 52.678 ng

RT: 8.851 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

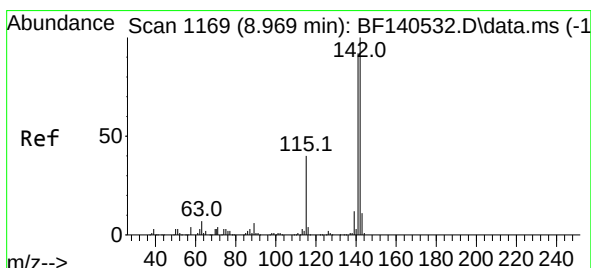
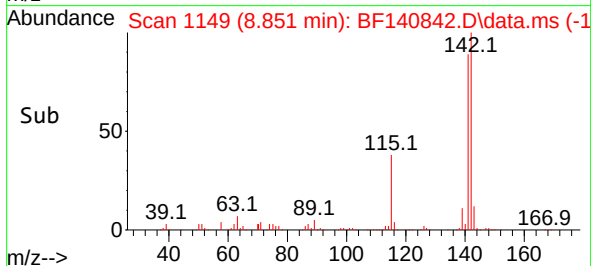
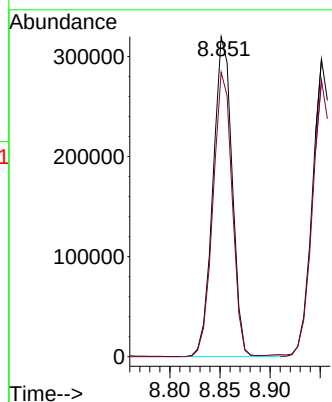
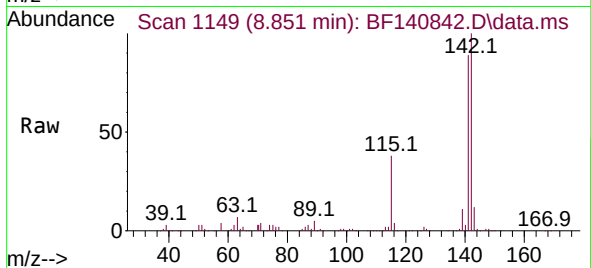
PB165590BS

Tgt Ion:142 Resp: 422746

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 49.848 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.018 min

Lab File: BF140842.D

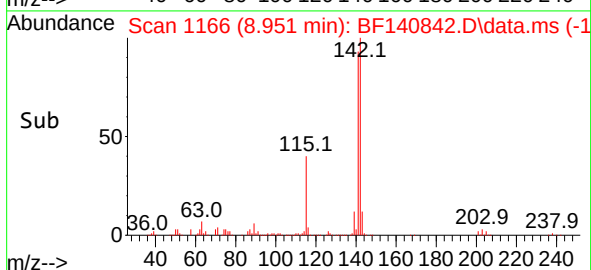
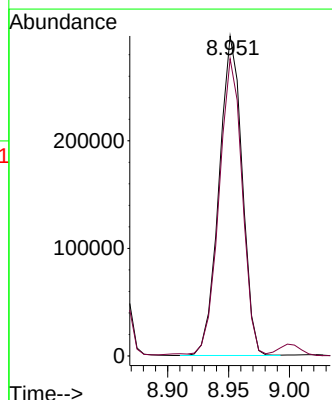
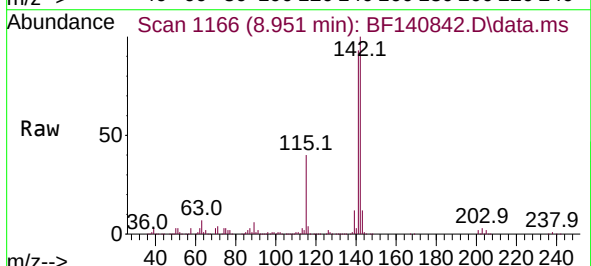
Acq: 13 Dec 2024 14:06

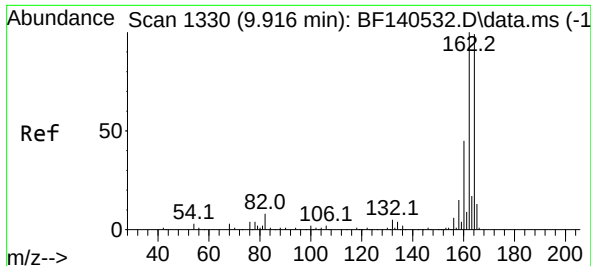
Tgt Ion:142 Resp: 392116

Ion Ratio Lower Upper

142 100

141 92.9 73.3 109.9

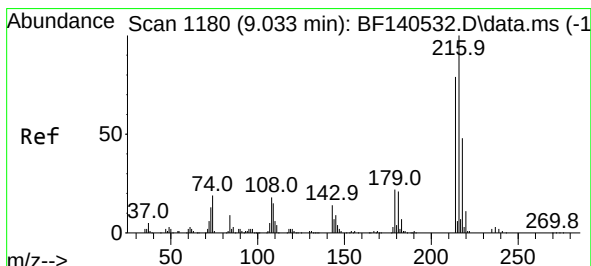
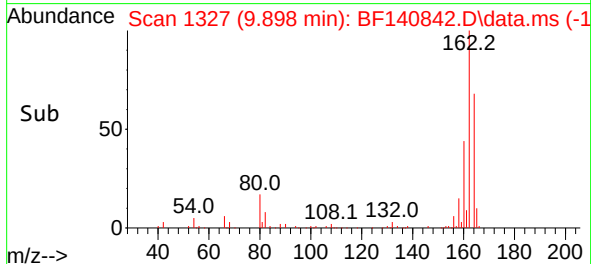
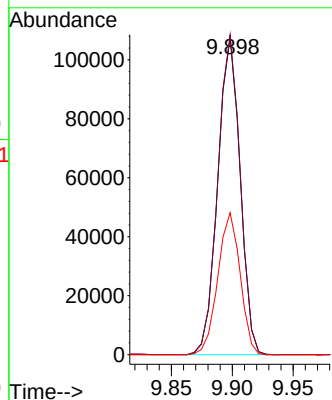
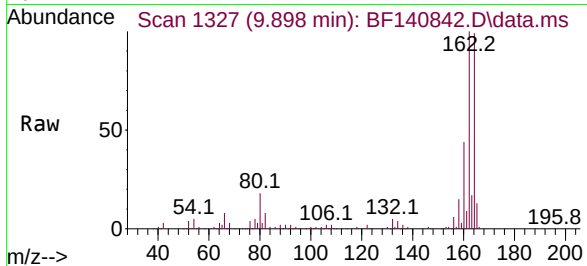




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

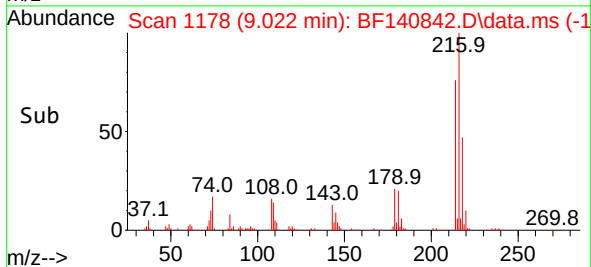
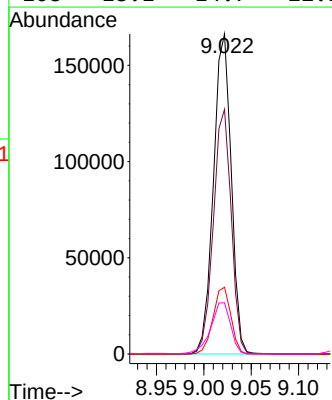
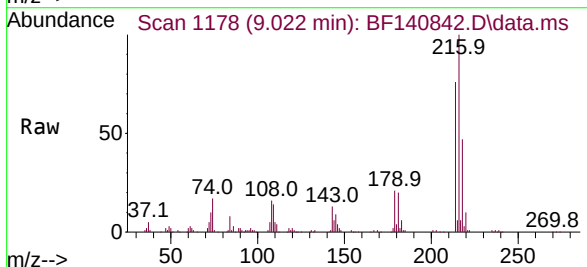
Instrument :
BNA_F
ClientSampleId :
PB165590BS

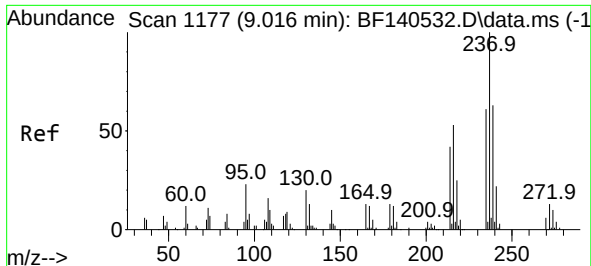
Tgt Ion:164 Resp: 137409
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.806 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

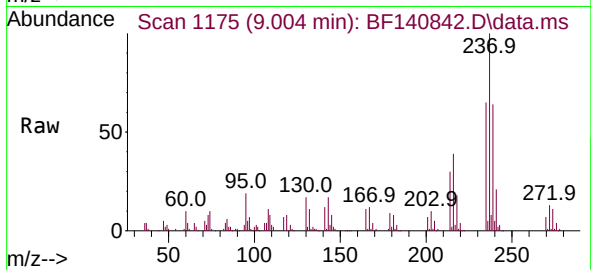
Tgt Ion:216 Resp: 216444
Ion Ratio Lower Upper
216 100
214 76.6 63.0 94.4
179 21.0 17.5 26.3
108 18.1 14.7 22.1



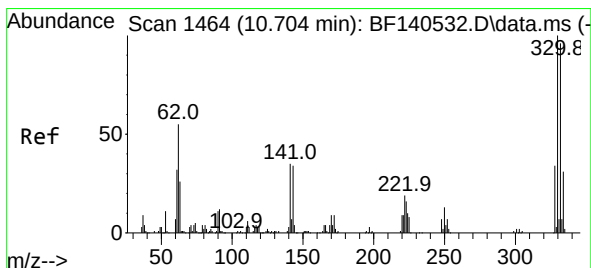
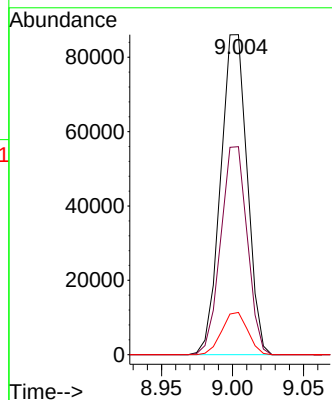
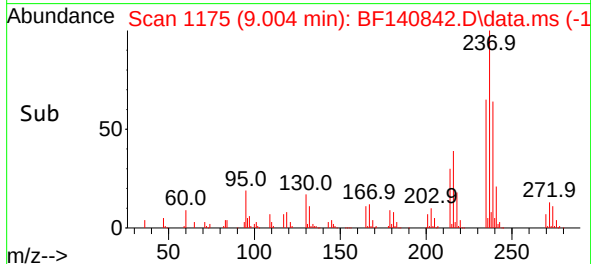


#41
Hexachlorocyclopentadiene
Concen: 119.823 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

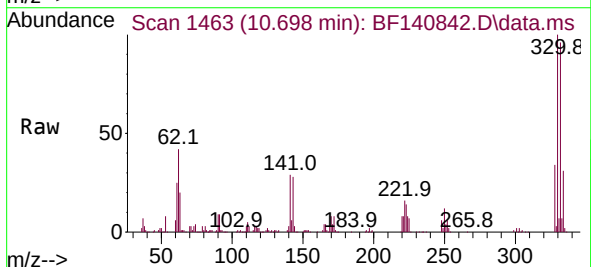
Instrument :
BNA_F
ClientSampleId :
PB165590BS



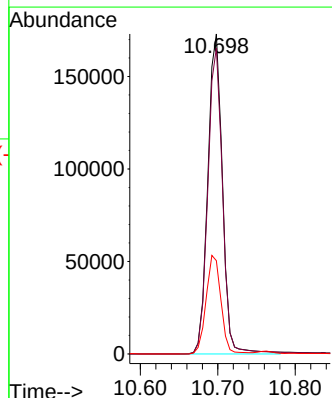
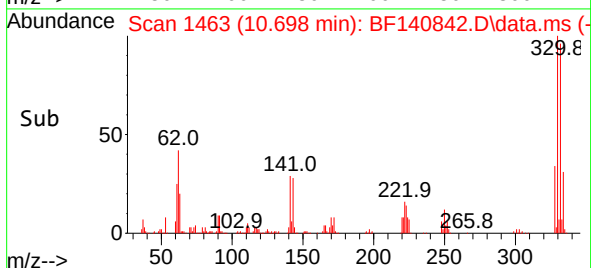
Tgt Ion:237 Resp: 111955
Ion Ratio Lower Upper
237 100
235 65.0 41.1 81.1
272 13.2 0.0 32.6

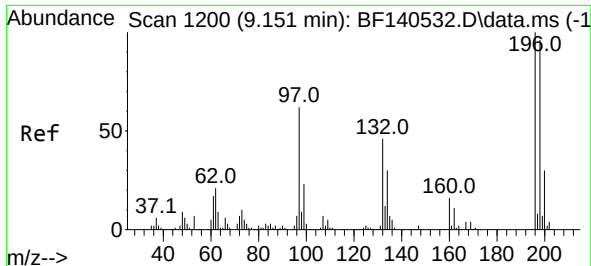


#42
2,4,6-Tribromophenol
Concen: 154.962 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06



Tgt Ion:330 Resp: 227732
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 31.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 50.711 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

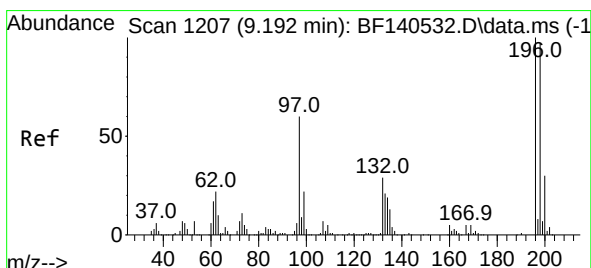
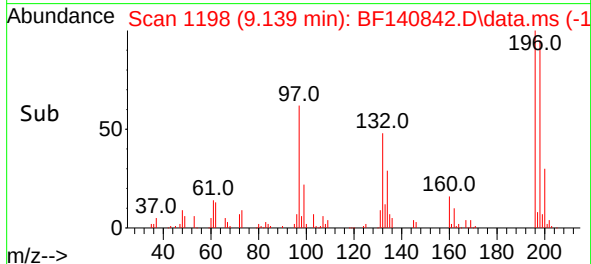
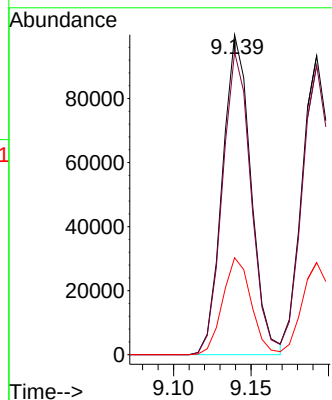
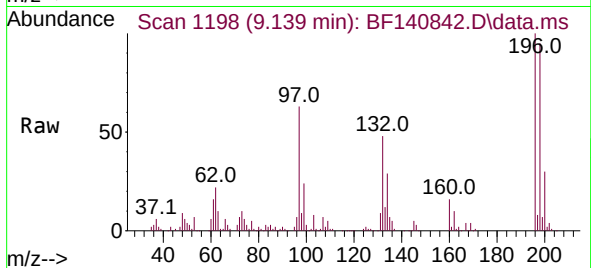
Tgt Ion:196 Resp: 128003

Ion Ratio Lower Upper

196 100

198 94.6 76.8 115.2

200 30.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 49.691 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Tgt Ion:196 Resp: 136125

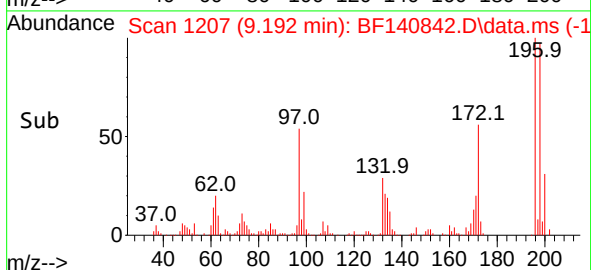
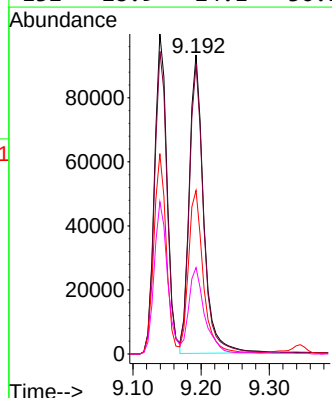
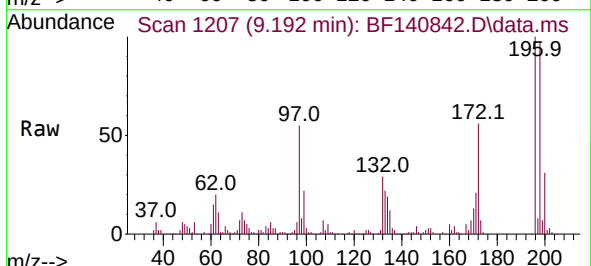
Ion Ratio Lower Upper

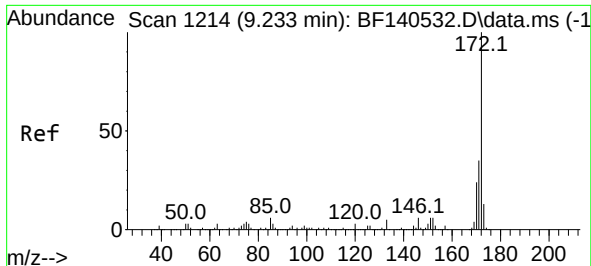
196 100

198 96.9 77.2 115.8

97 54.7 47.1 70.7

132 28.9 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 103.367 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

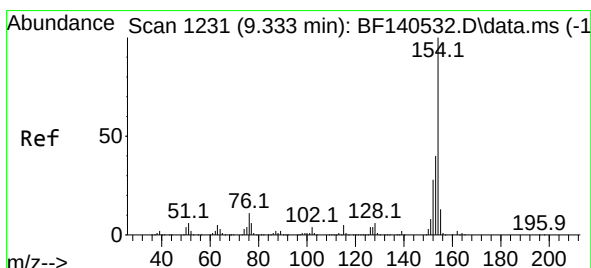
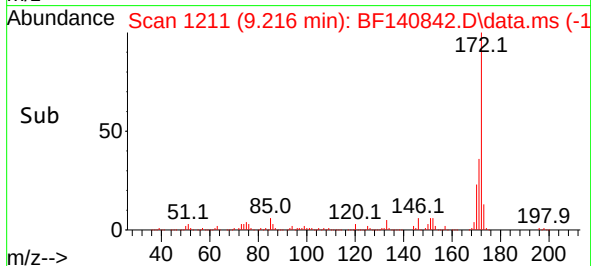
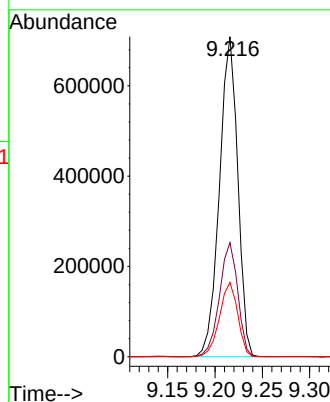
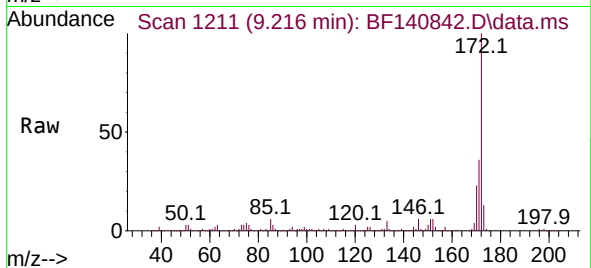
Tgt Ion:172 Resp: 953300

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 52.272 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.018 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

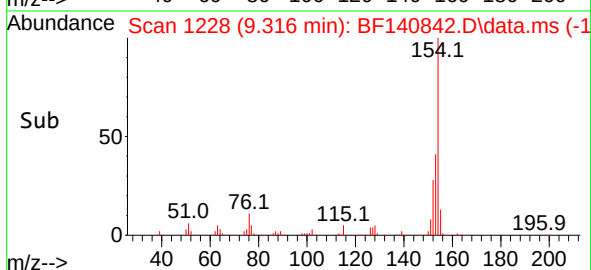
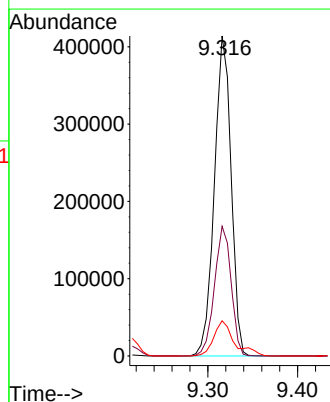
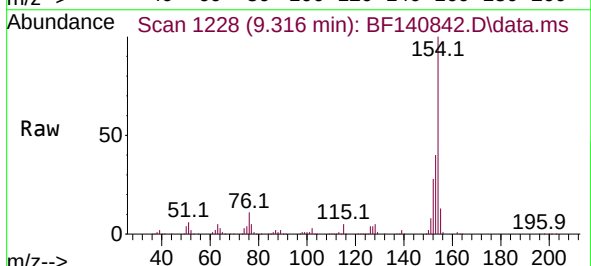
Tgt Ion:154 Resp: 536260

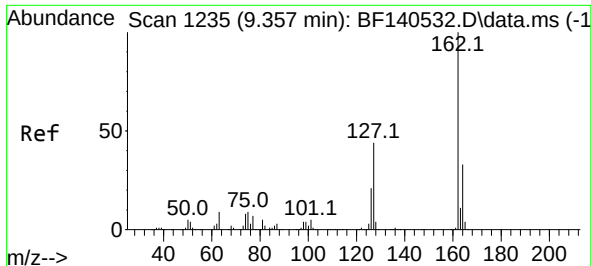
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 51.057 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

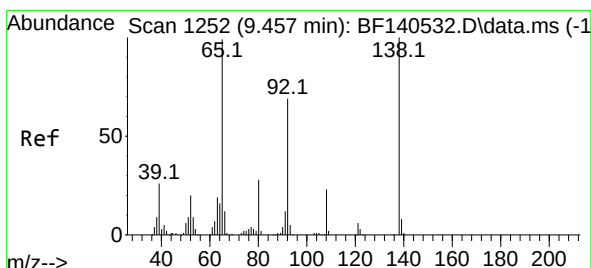
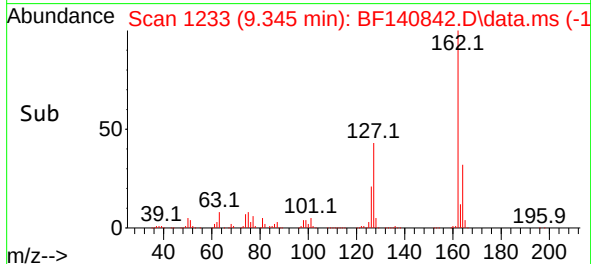
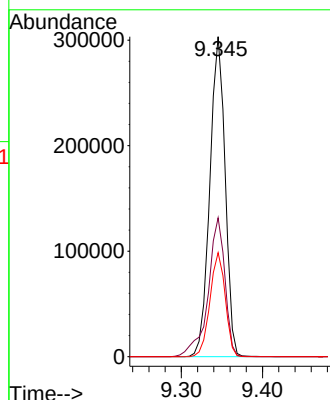
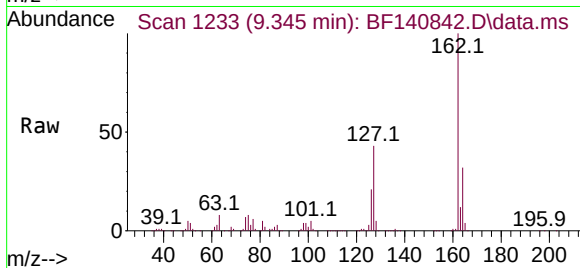
Tgt Ion:162 Resp: 396892

Ion Ratio Lower Upper

162 100

127 43.4 35.7 53.5

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 50.999 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

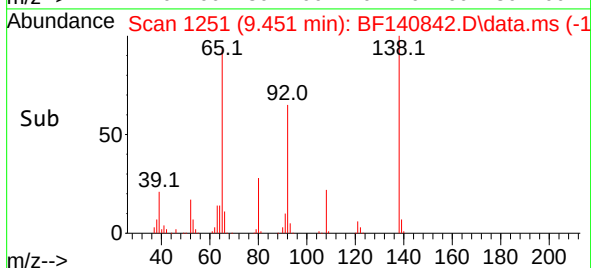
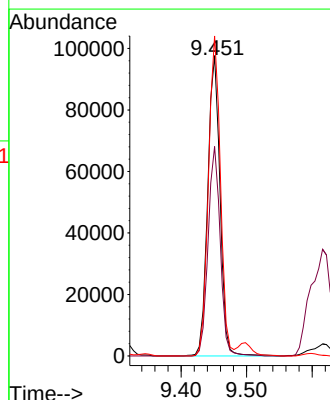
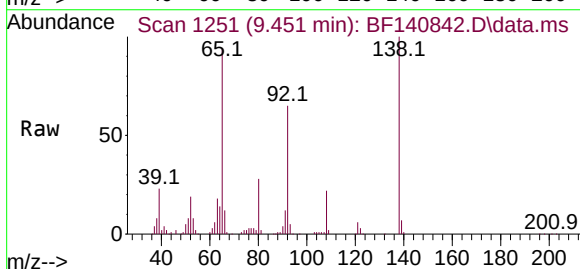
Tgt Ion: 65 Resp: 127251

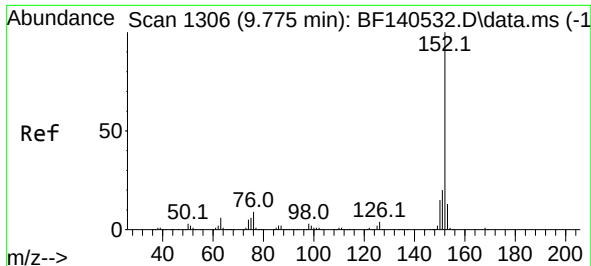
Ion Ratio Lower Upper

65 100

92 69.7 56.1 84.1

138 106.6 81.0 121.6

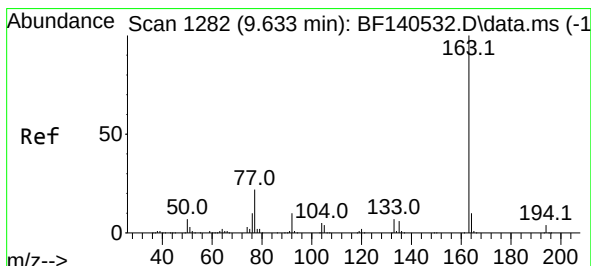
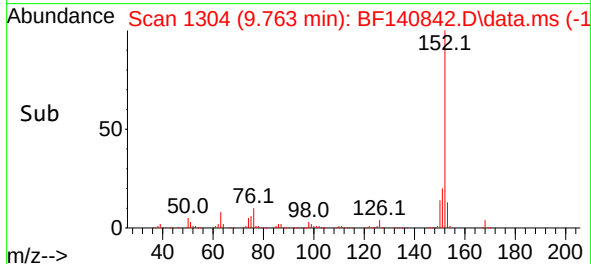
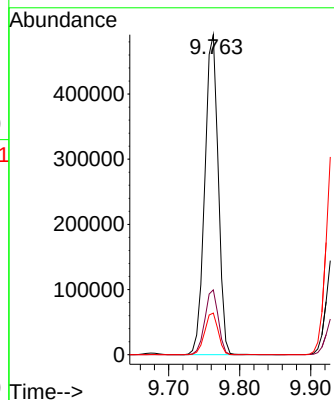
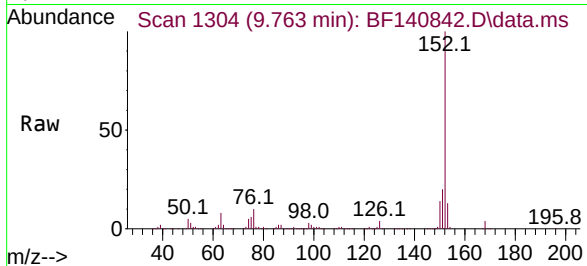




#49
Acenaphthylene
Concen: 55.127 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

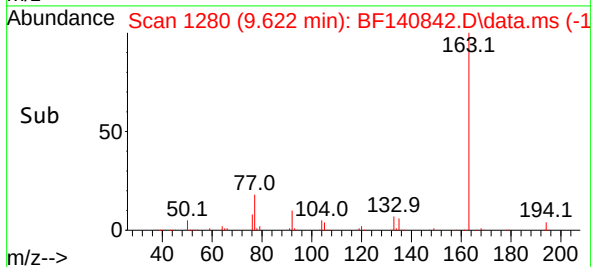
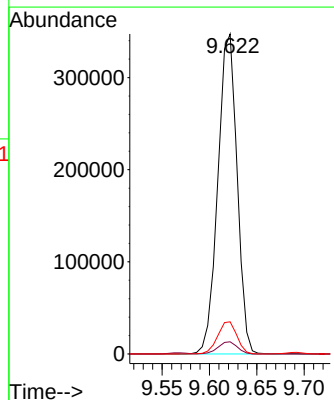
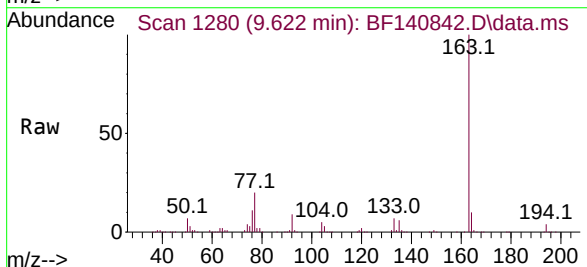
Instrument :
BNA_F
ClientSampleId :
PB165590BS

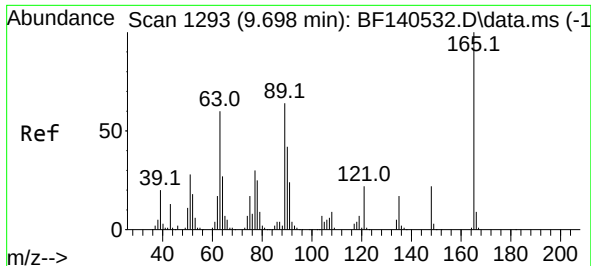
Tgt Ion:152 Resp: 647476
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.0 10.6 16.0



#50
Dimethylphthalate
Concen: 54.303 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:163 Resp: 491428
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 8.2 12.2

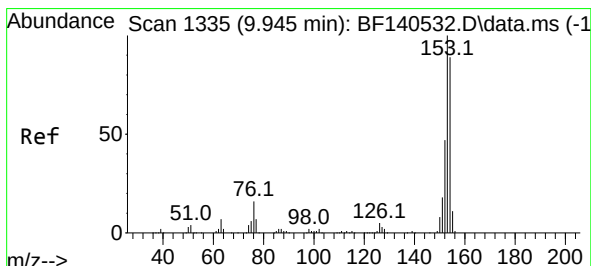
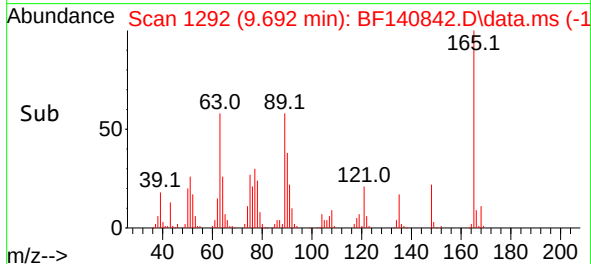
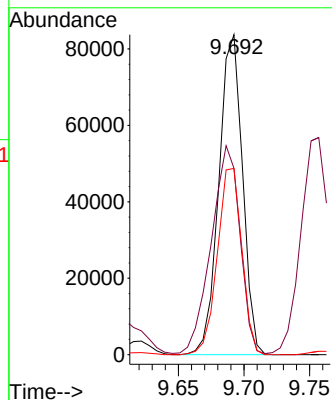
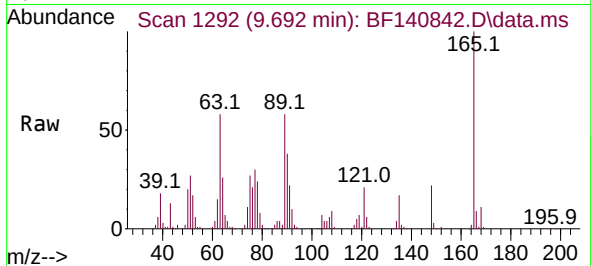




#51
2,6-Dinitrotoluene
Concen: 51.146 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

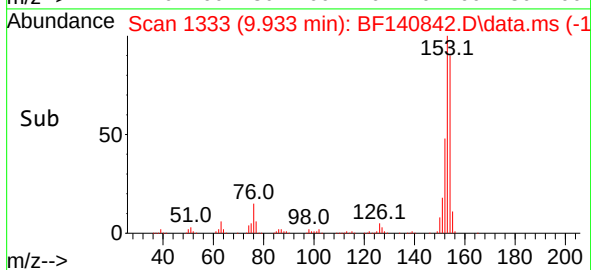
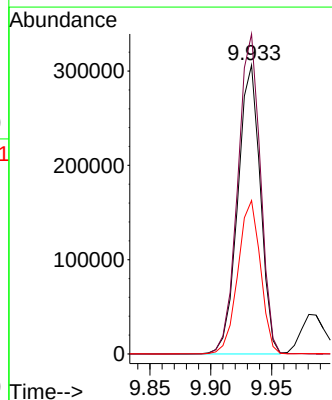
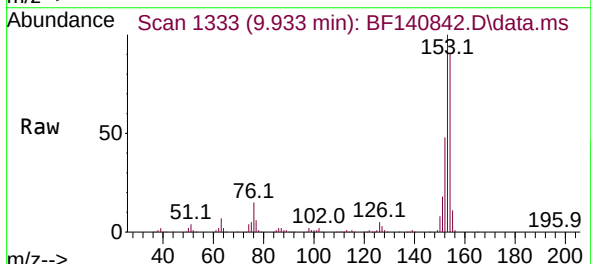
Instrument :
BNA_F
ClientSampleId :
PB165590BS

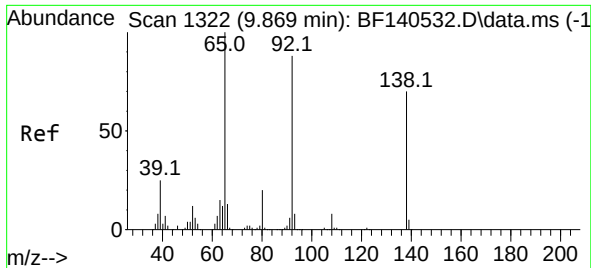
Tgt Ion:165 Resp: 104973
Ion Ratio Lower Upper
165 100
63 58.2 49.9 74.9
89 58.2 50.9 76.3



#52
Acenaphthene
Concen: 52.971 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:154 Resp: 395315
Ion Ratio Lower Upper
154 100
153 110.8 89.7 134.5
152 53.2 42.5 63.7

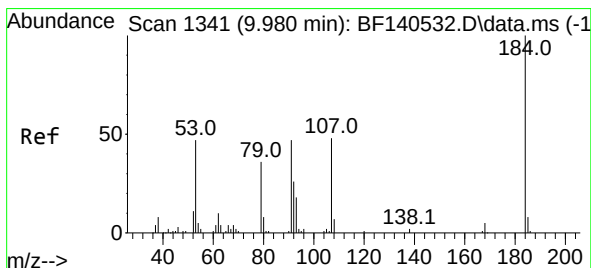
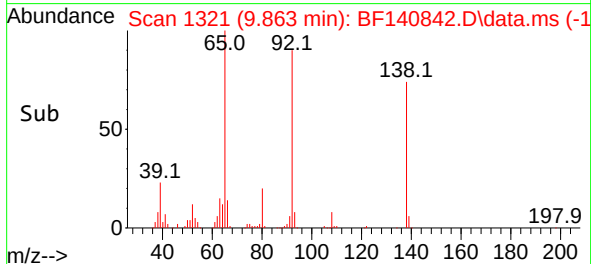
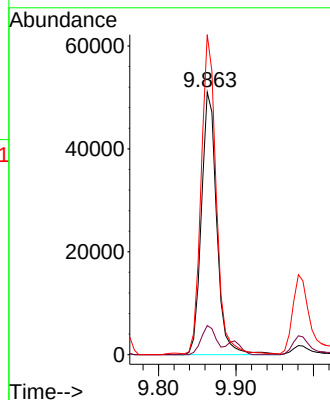
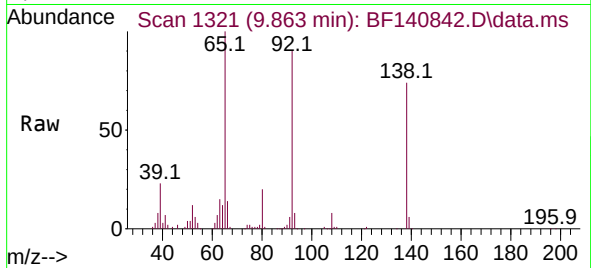




#53
3-Nitroaniline
Concen: 34.836 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

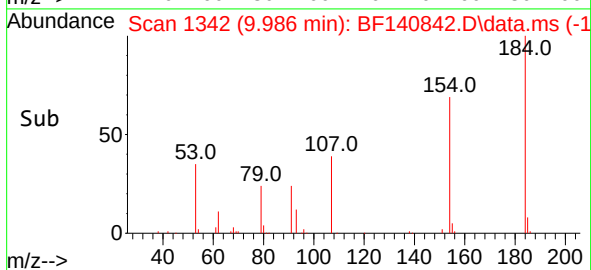
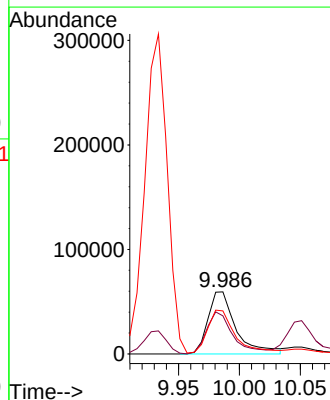
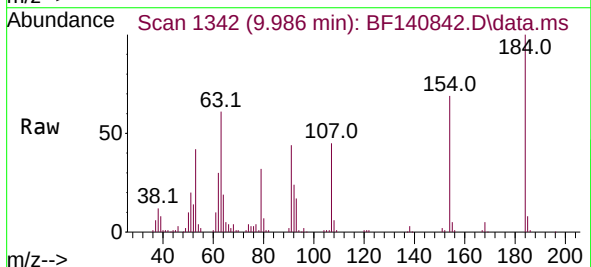
Instrument :
BNA_F
ClientSampleId :
PB165590BS

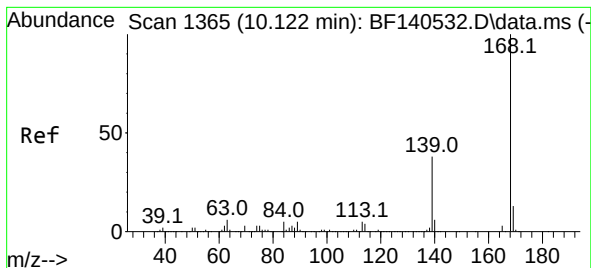
Tgt Ion:138 Resp: 69929
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 121.9 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 88.488 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:184 Resp: 95037
Ion Ratio Lower Upper
184 100
63 61.2 54.1 81.1
154 69.3 57.4 86.0





#55

Dibenzofuran

Concen: 52.771 ng

RT: 10.104 min Scan# 1362

Delta R.T. -0.018 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

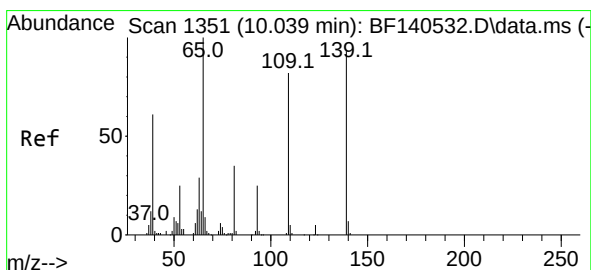
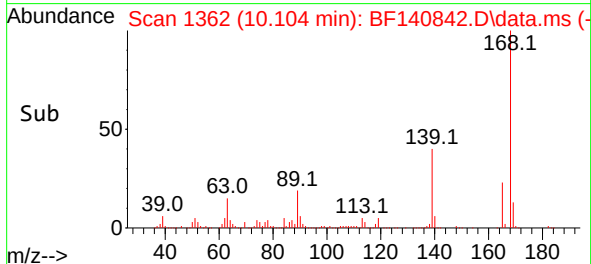
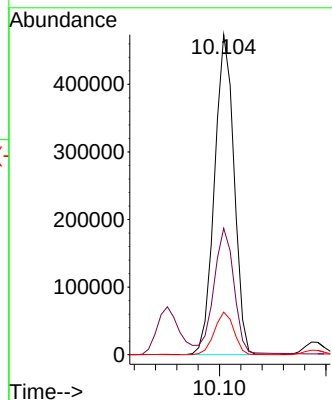
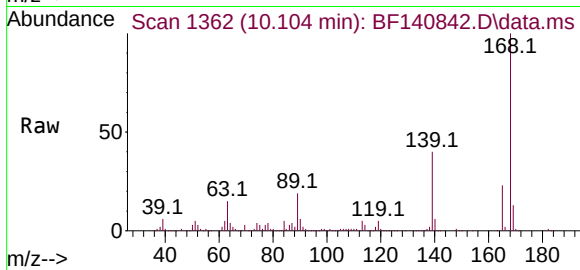
Tgt Ion:168 Resp: 600707

Ion Ratio Lower Upper

168 100

139 39.5 31.3 46.9

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 74.971 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

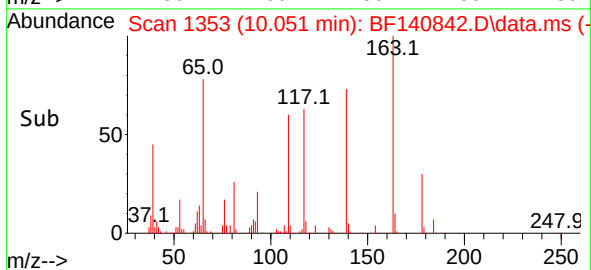
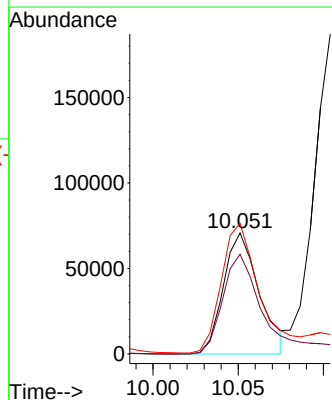
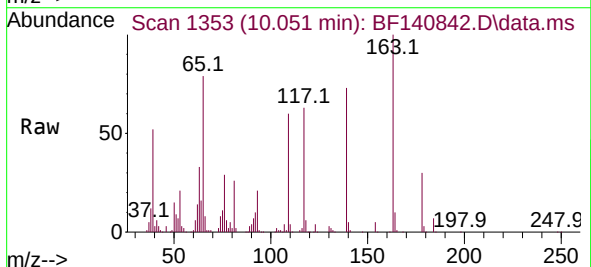
Tgt Ion:139 Resp: 102637

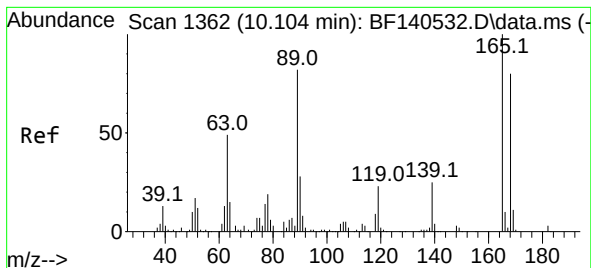
Ion Ratio Lower Upper

139 100

109 82.4 68.4 108.4

65 108.0 88.6 128.6

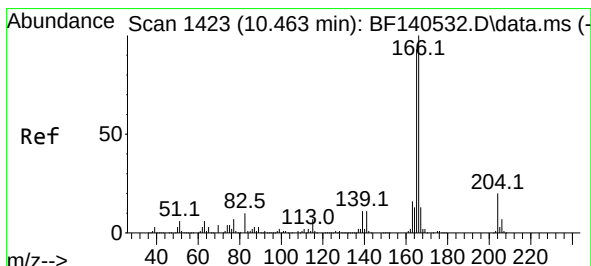
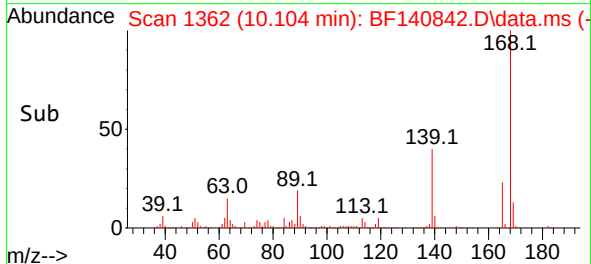
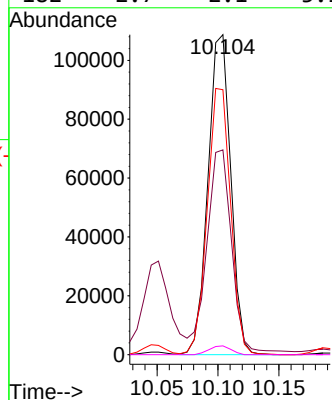
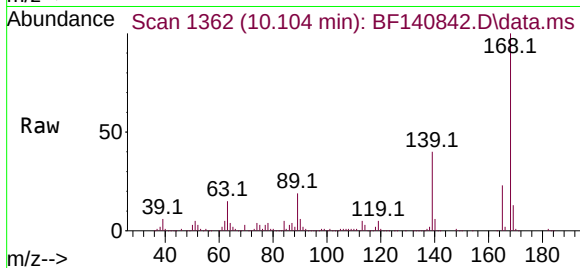




#57
2,4-Dinitrotoluene
Concen: 51.889 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

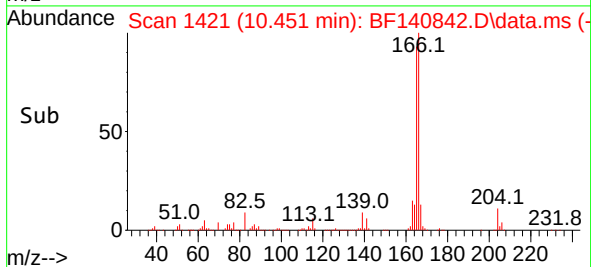
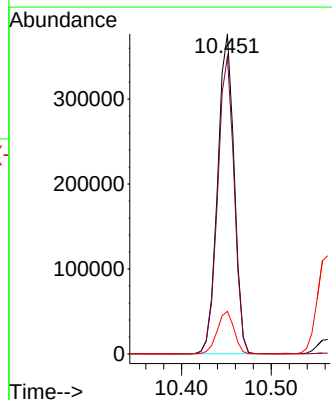
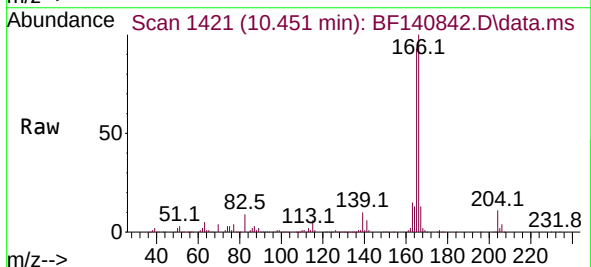
Instrument :
BNA_F
ClientSampleId :
PB165590BS

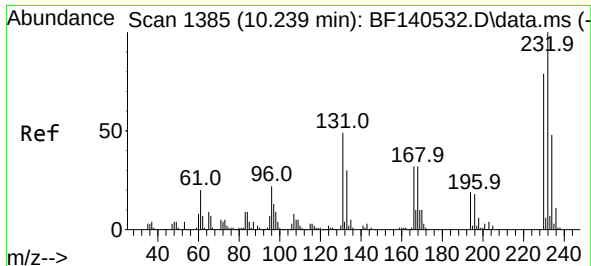
Tgt Ion:165 Resp: 141539
Ion Ratio Lower Upper
165 100
63 64.0 41.7 62.5#
89 82.8 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 52.632 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:166 Resp: 480895
Ion Ratio Lower Upper
166 100
165 92.9 74.6 111.8
167 13.3 10.6 16.0

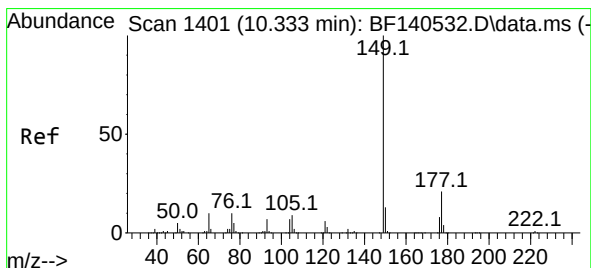
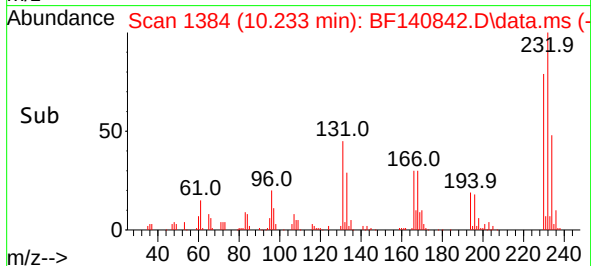
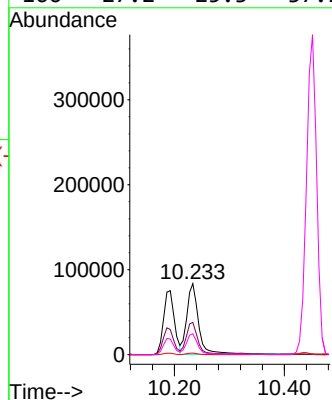
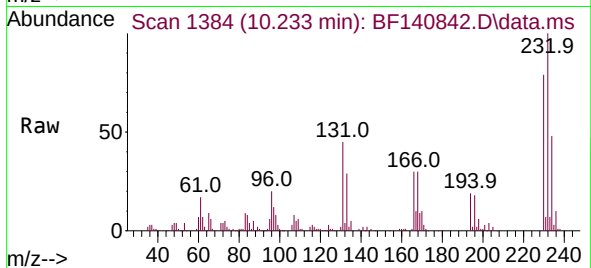




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.949 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

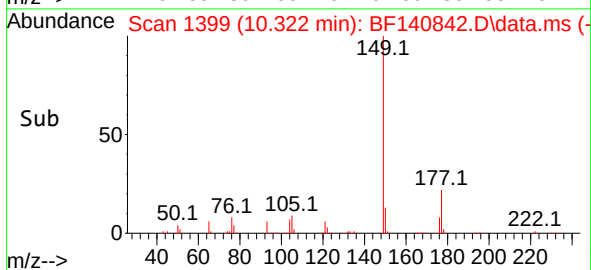
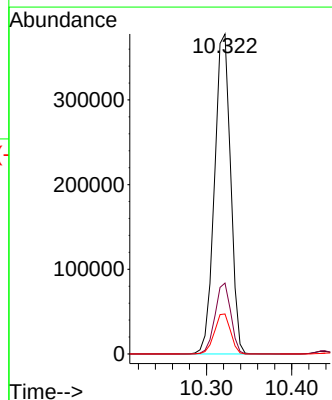
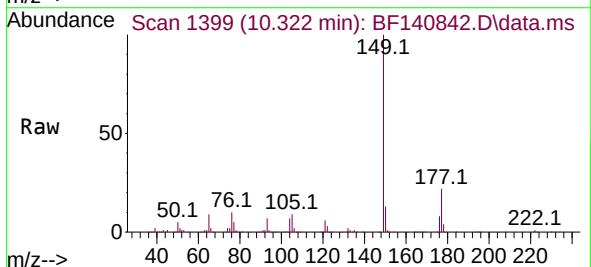
Instrument :
BNA_F
ClientSampleId :
PB165590BS

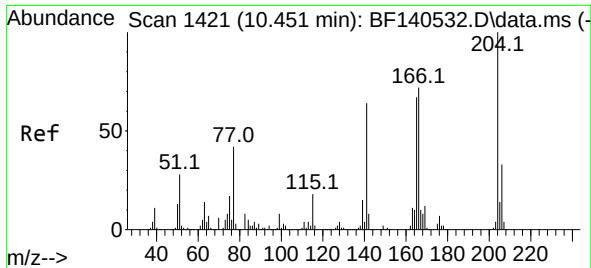
Tgt Ion:232 Resp: 124110
Ion Ratio Lower Upper
232 100
131 43.8 39.6 59.4
130 2.2 1.9 2.9
166 27.2 25.3 37.9



#60
Diethylphthalate
Concen: 53.765 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:149 Resp: 494349
Ion Ratio Lower Upper
149 100
177 22.1 17.1 25.7
150 12.5 10.1 15.1

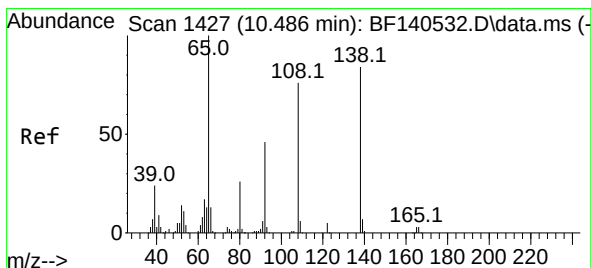
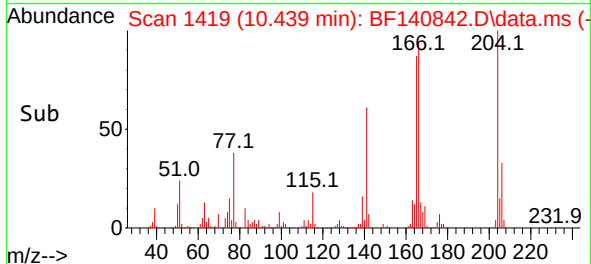
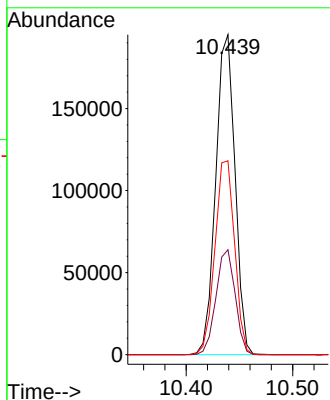
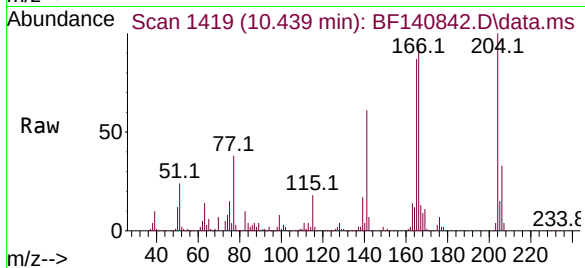




#61
4-Chlorophenyl-phenylether
Concen: 54.617 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

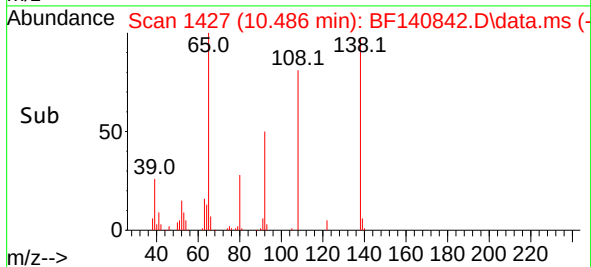
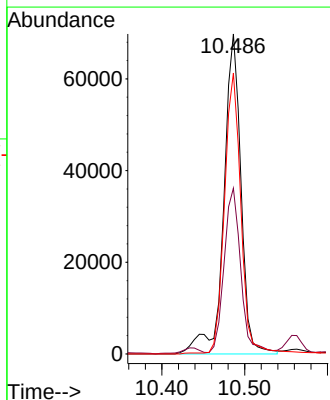
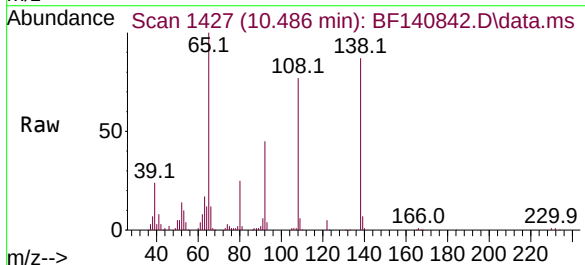
Instrument :
BNA_F
ClientSampleId :
PB165590BS

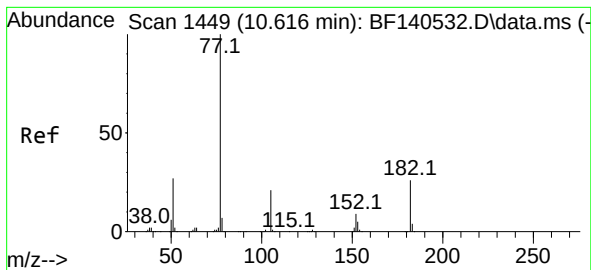
Tgt Ion:204 Resp: 244904
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 60.6 51.1 76.7



#62
4-Nitroaniline
Concen: 47.994 ng m
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:138 Resp: 101045
Ion Ratio Lower Upper
138 100
92 51.8 34.5 74.5
108 87.8 70.6 110.6





#63

Azobenzene

Concen: 52.975 ng

RT: 10.598 min Scan# 1446

Delta R.T. -0.018 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

Tgt Ion: 77 Resp: 461272

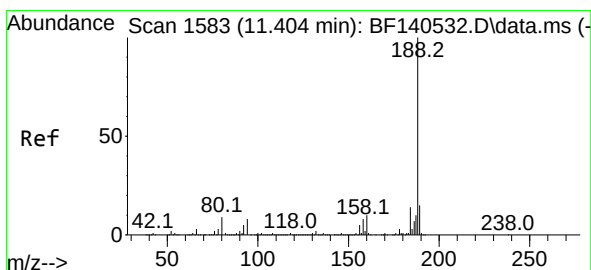
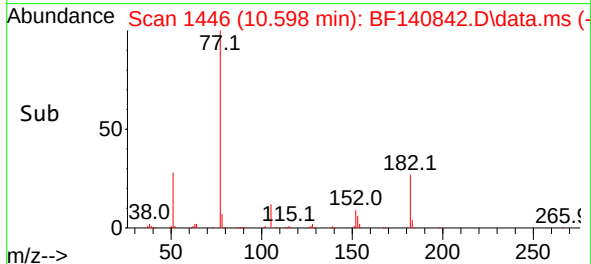
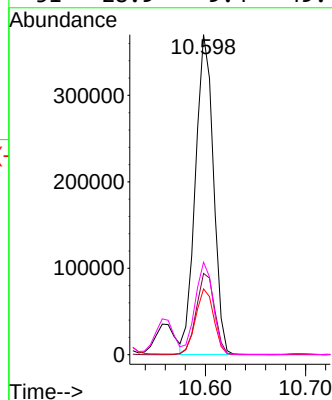
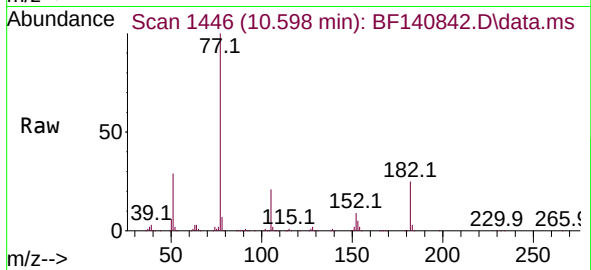
Ion Ratio Lower Upper

77 100

182 25.4 5.3 45.3

105 20.6 0.3 40.3

51 28.9 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

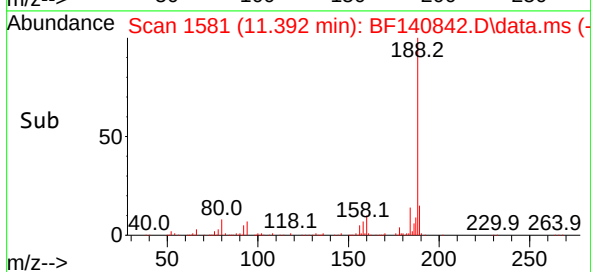
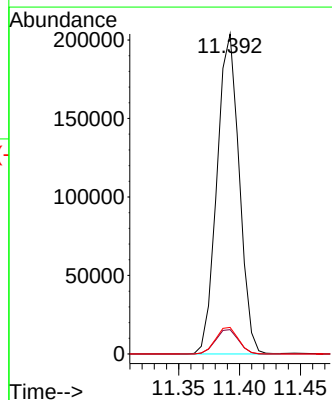
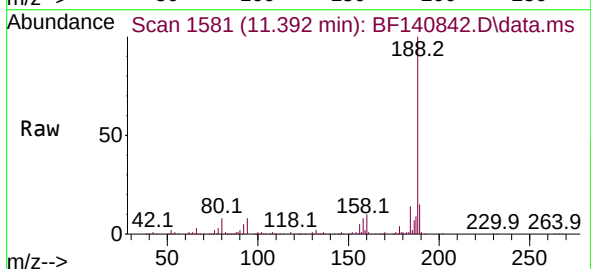
Tgt Ion:188 Resp: 259466

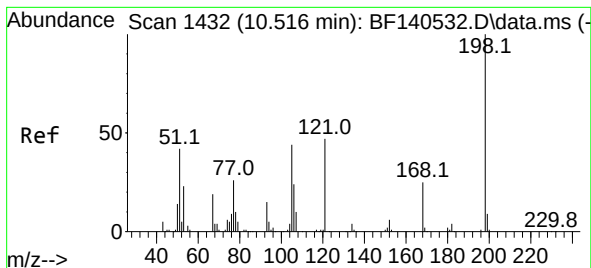
Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.3 6.9 10.3

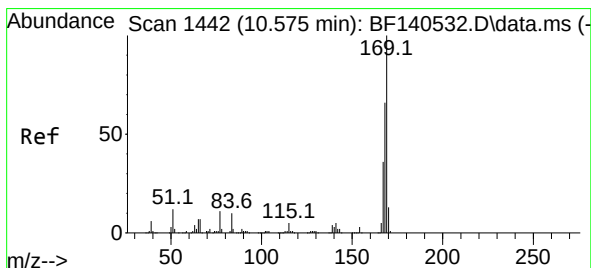
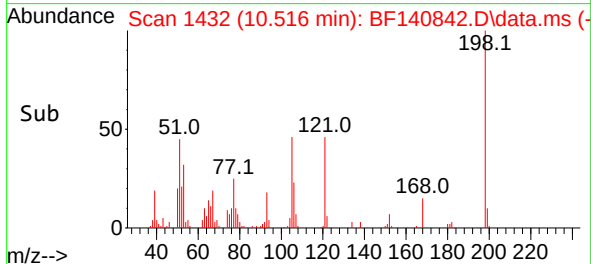
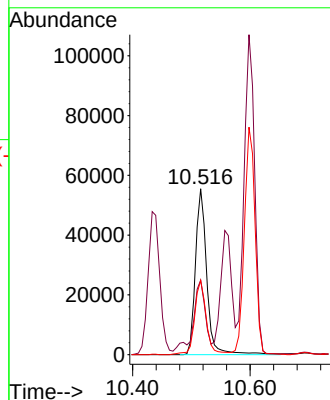
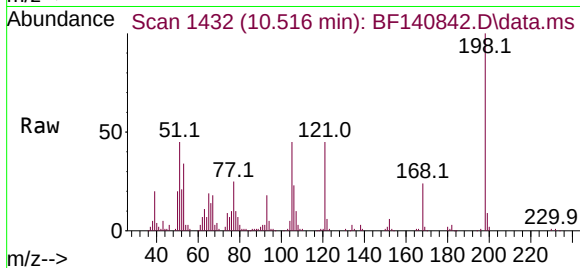




#65
4,6-Dinitro-2-methylphenol
Concen: 56.279 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

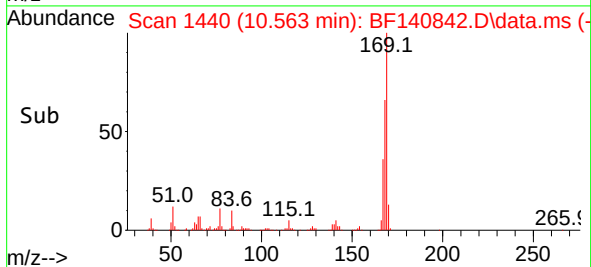
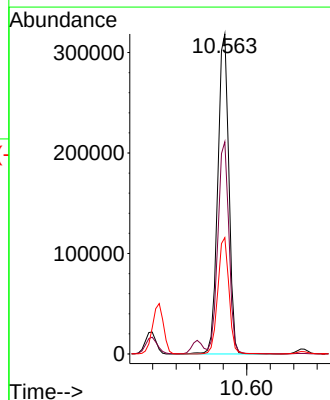
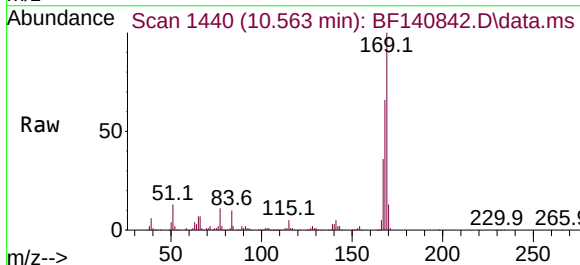
Instrument :
BNA_F
ClientSampleId :
PB165590BS

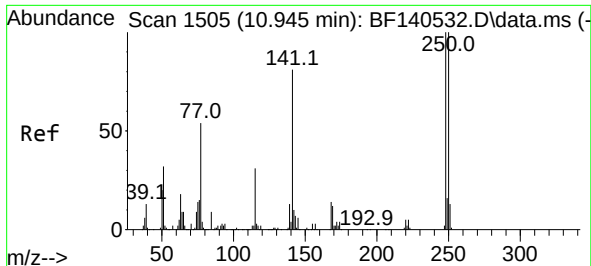
Tgt Ion:198 Resp: 74620
Ion Ratio Lower Upper
198 100
51 44.9 29.4 69.4
105 44.7 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 54.191 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:169 Resp: 415810
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.3 29.0 43.6

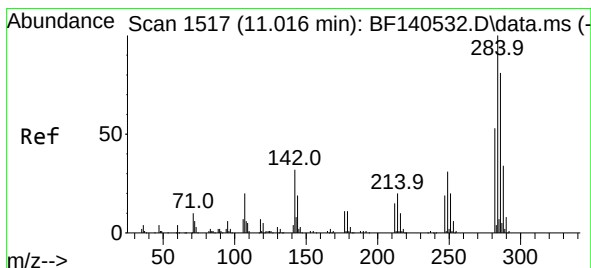
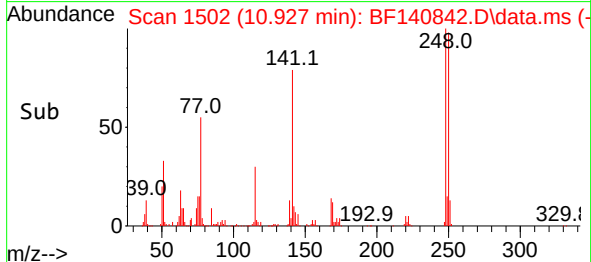
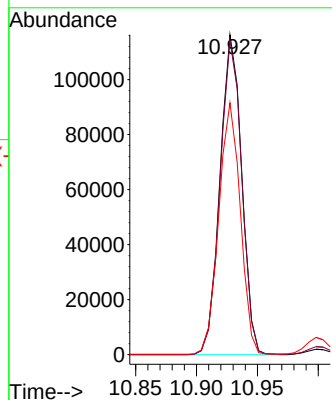
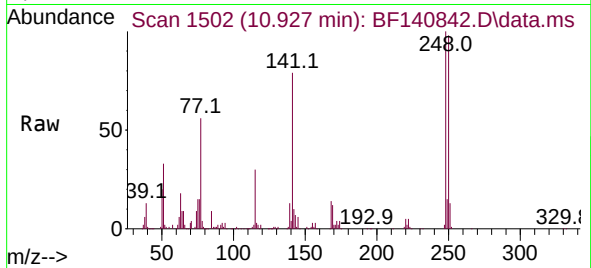




#67
4-Bromophenyl-phenylether
Concen: 54.010 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

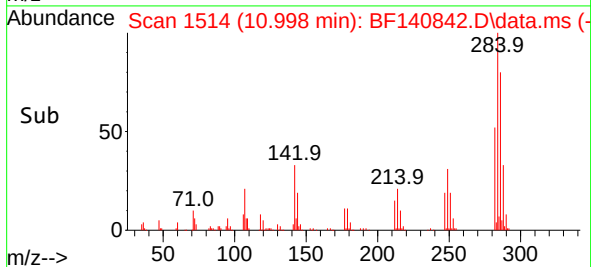
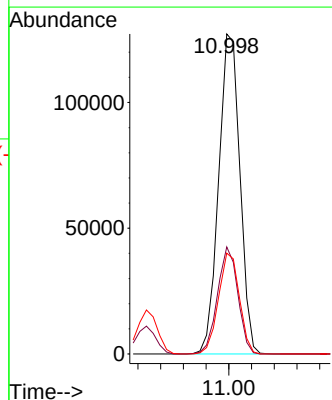
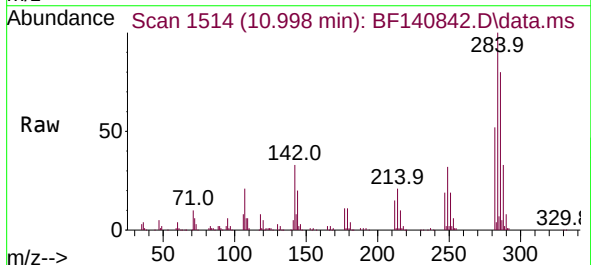
Instrument :
BNA_F
ClientSampleId :
PB165590BS

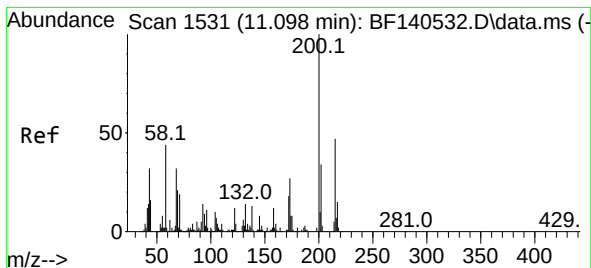
Tgt Ion:248 Resp: 144321
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.8
141 78.7 64.7 97.1



#68
Hexachlorobenzene
Concen: 53.526 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.018 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:284 Resp: 165612
Ion Ratio Lower Upper
284 100
142 33.4 25.3 37.9
249 31.5 24.8 37.2





#69

Atrazine

Concen: 62.639 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

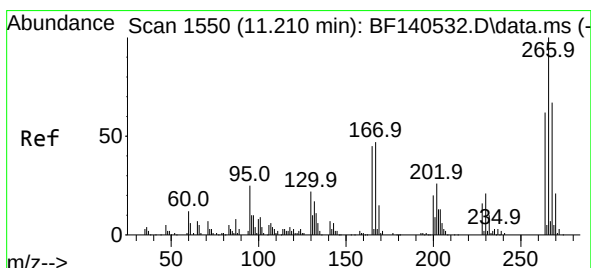
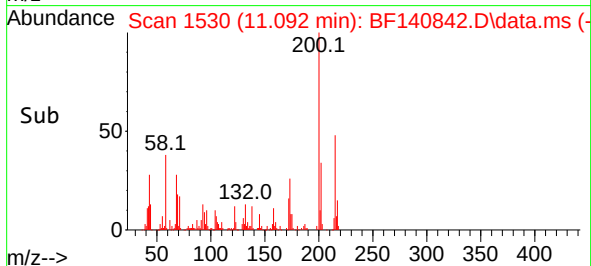
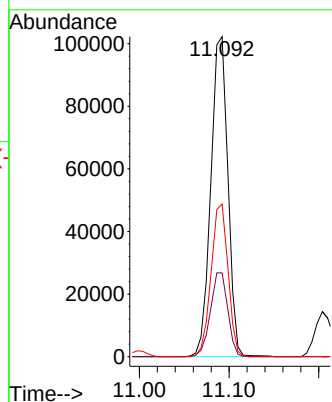
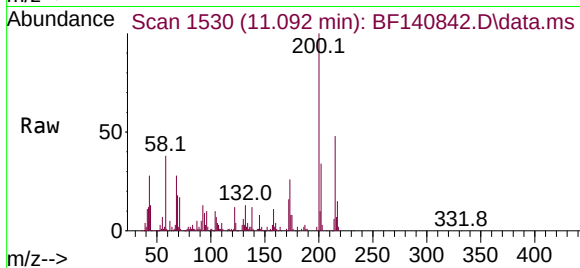
Tgt Ion:200 Resp: 135211

Ion Ratio Lower Upper

200 100

173 26.2 7.0 47.0

215 47.7 26.7 66.7



#70

Pentachlorophenol

Concen: 91.648 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

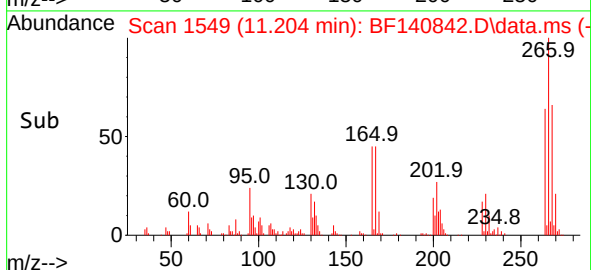
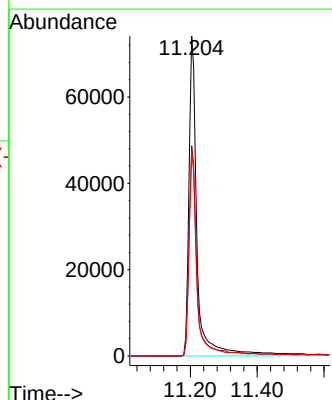
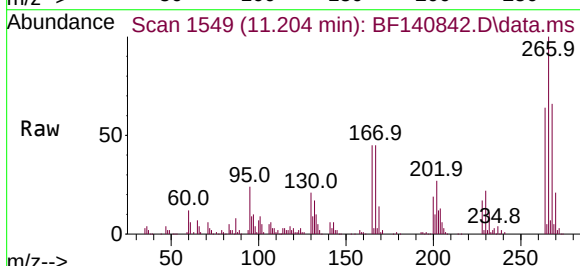
Tgt Ion:266 Resp: 124802

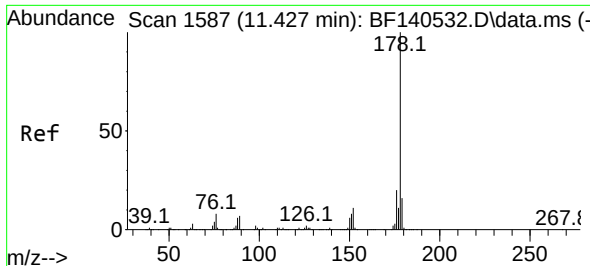
Ion Ratio Lower Upper

266 100

268 65.7 53.7 80.5

264 64.1 49.8 74.8

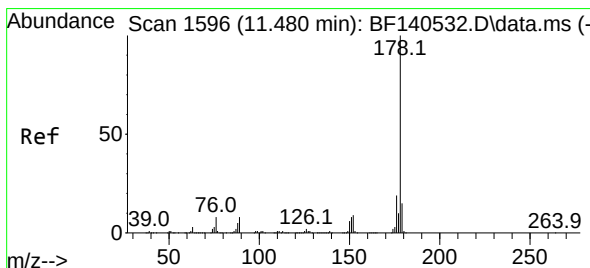
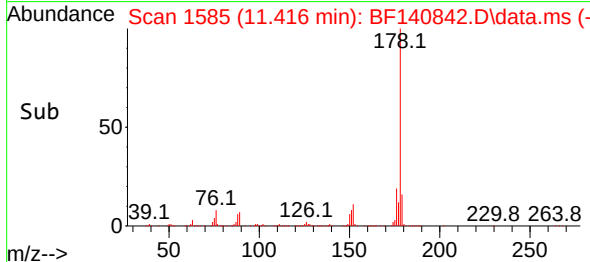
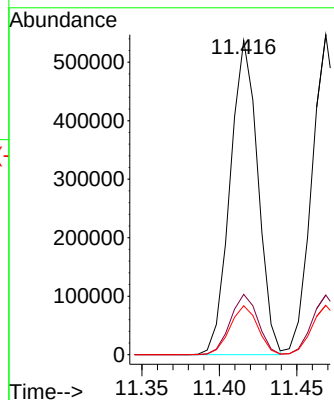
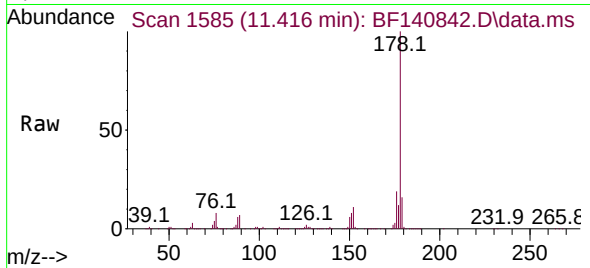




#71
Phenanthrene
Concen: 53.643 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

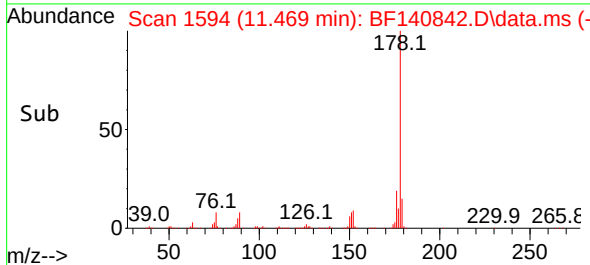
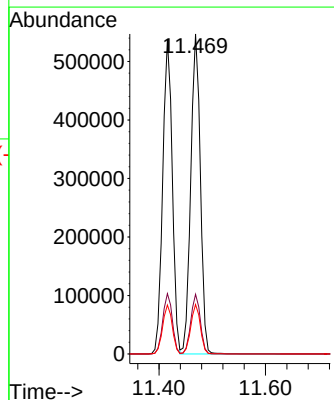
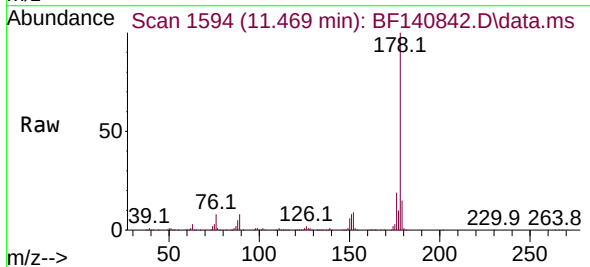
Instrument :
BNA_F
ClientSampleId :
PB165590BS

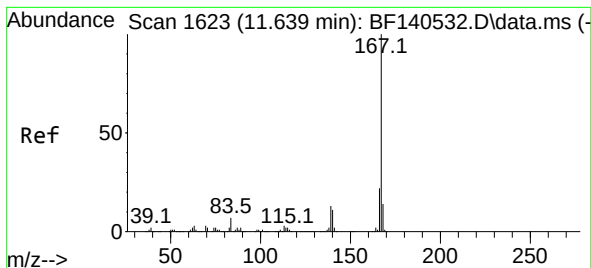
Tgt Ion:178 Resp: 669053
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.6 12.4 18.6



#72
Anthracene
Concen: 56.207 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:178 Resp: 685738
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.2 18.4





#73

Carbazole

Concen: 51.086 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

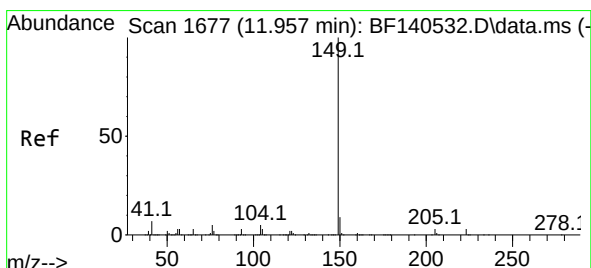
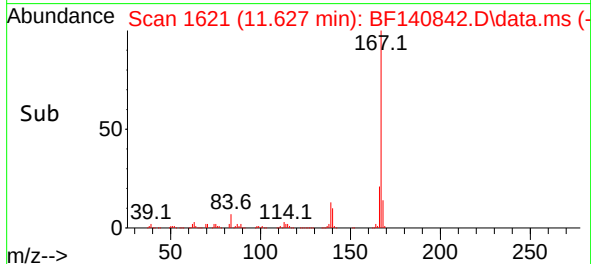
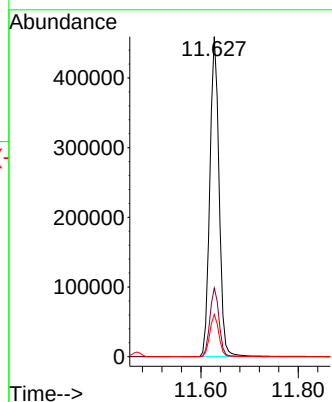
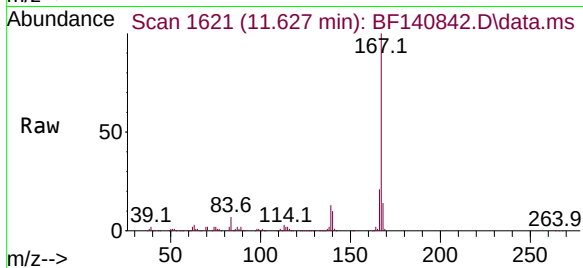
Tgt Ion:167 Resp: 599577

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 54.079 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

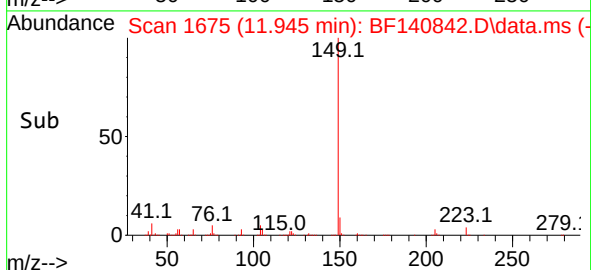
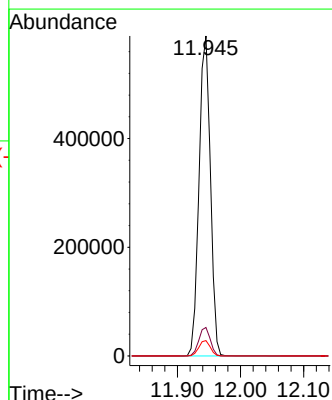
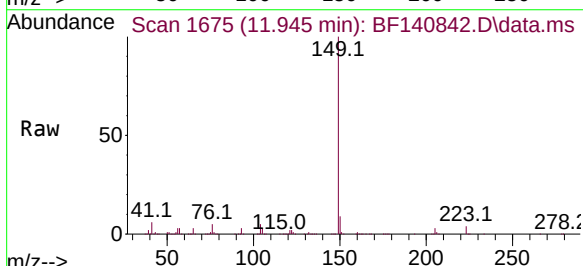
Tgt Ion:149 Resp: 732768

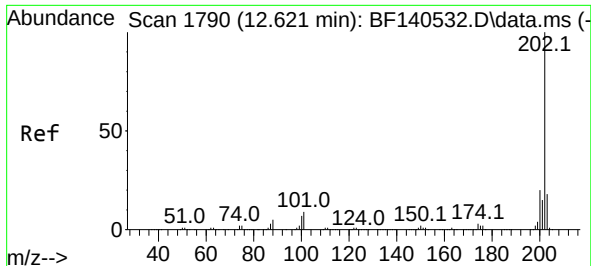
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 4.8 4.1 6.1

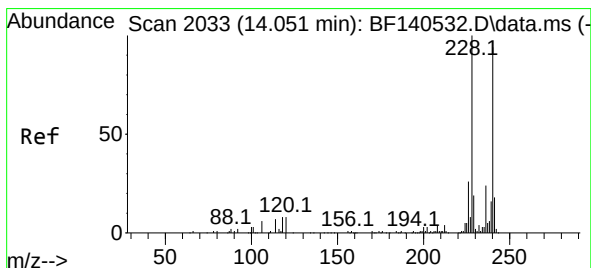
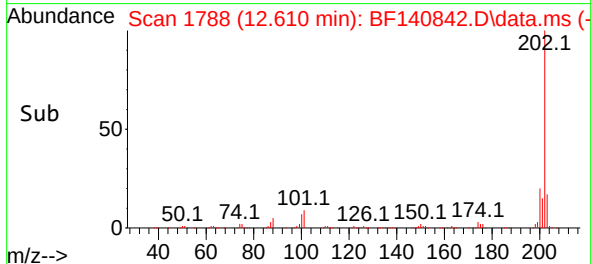
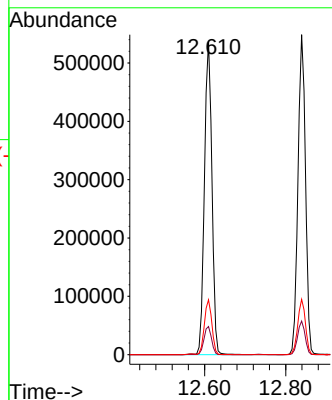
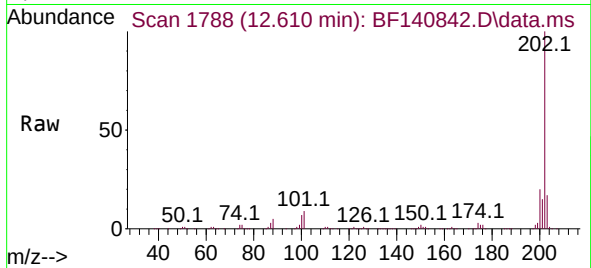




#75
Fluoranthene
Concen: 50.994 ng
RT: 12.610 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

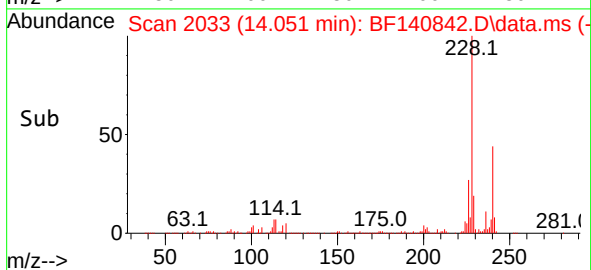
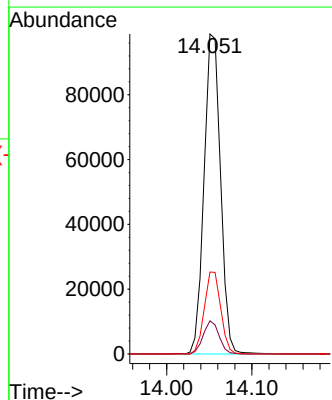
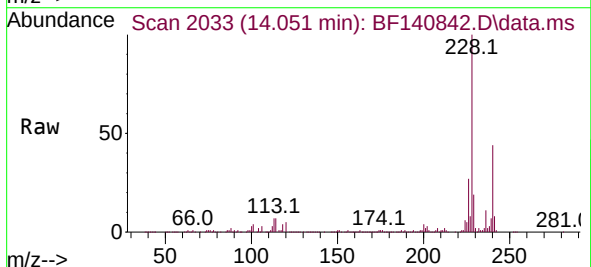
Instrument :
BNA_F
ClientSampleId :
PB165590BS

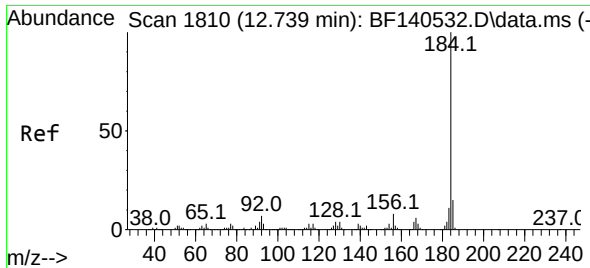
Tgt Ion:202 Resp: 690550
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:240 Resp: 132742
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 25.6 20.6 31.0

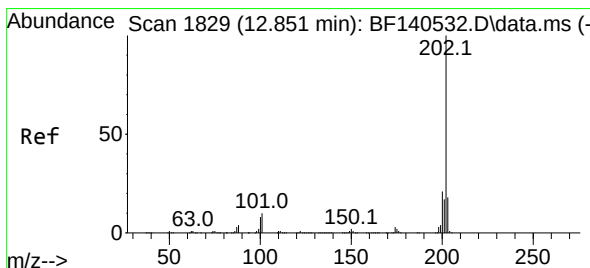
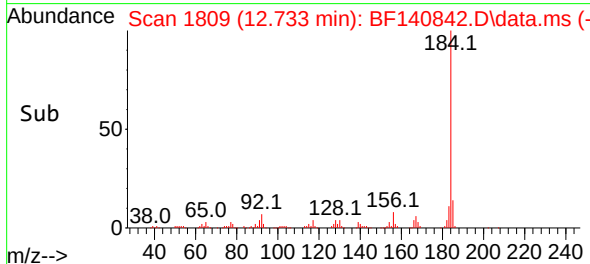
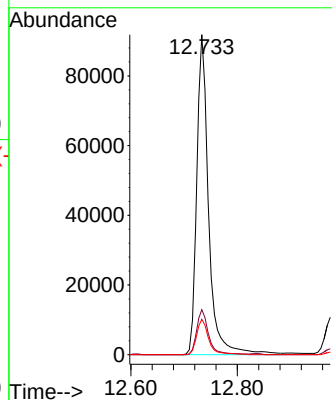
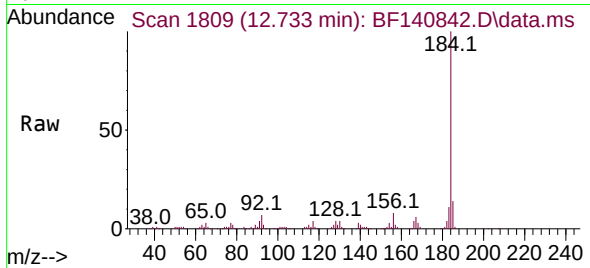




#77
Benzidine
Concen: 36.917 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

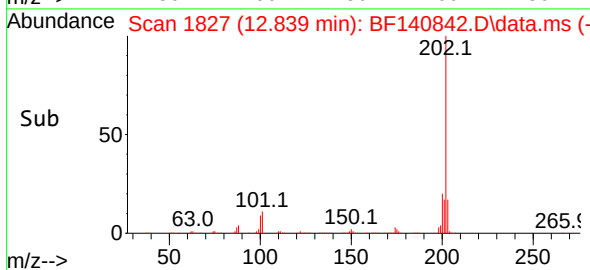
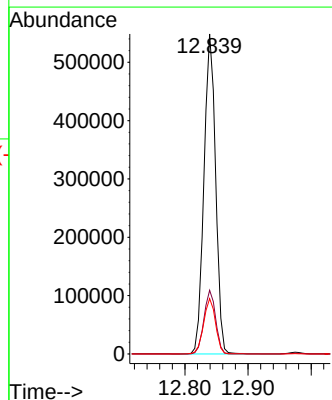
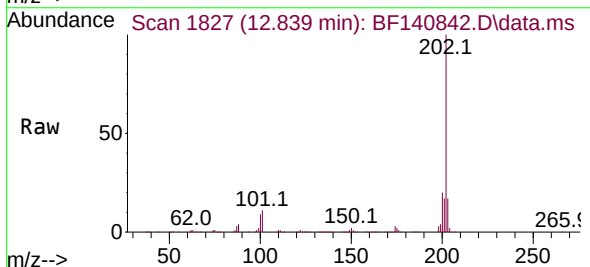
Instrument :
BNA_F
ClientSampleId :
PB165590BS

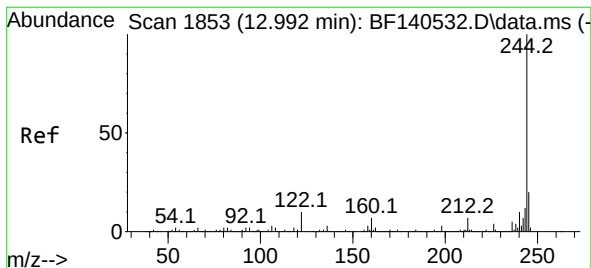
Tgt Ion:184 Resp: 142477
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.1 8.8 13.2



#78
Pyrene
Concen: 57.306 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:202 Resp: 703359
Ion Ratio Lower Upper
202 100
200 19.9 16.5 24.7
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 117.017 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

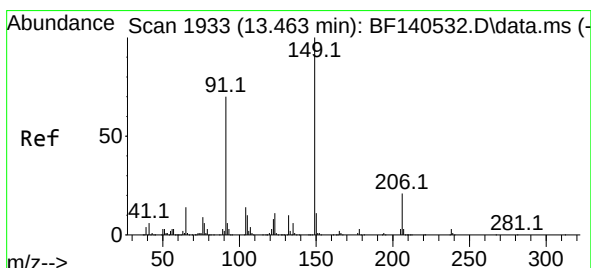
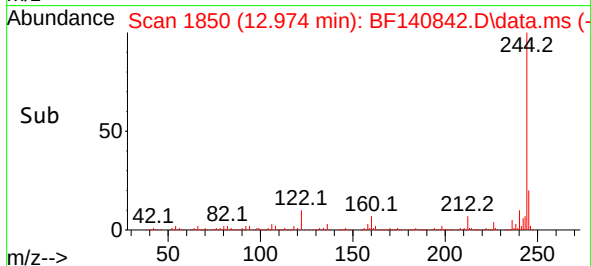
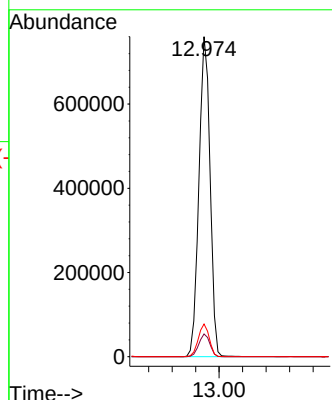
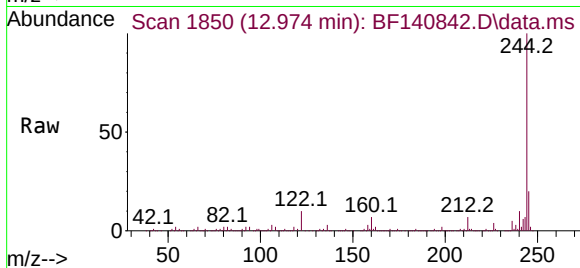
Tgt Ion:244 Resp: 997544

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 51.560 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

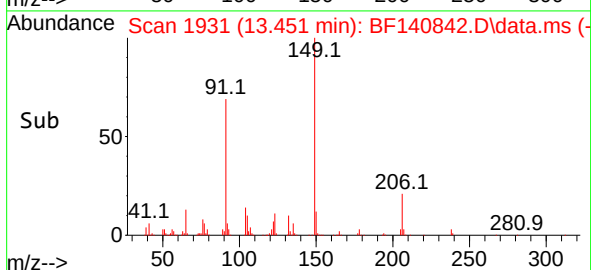
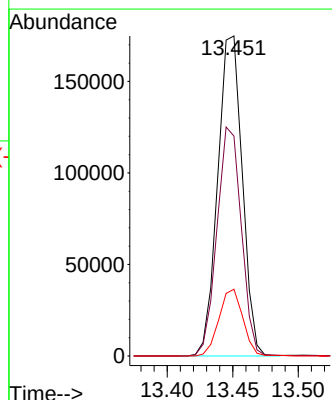
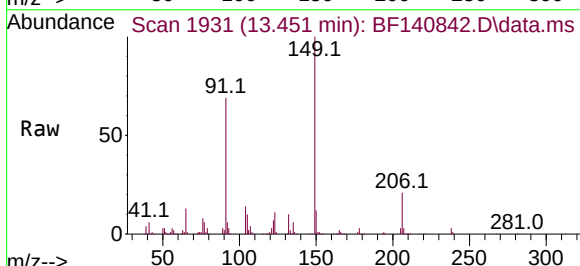
Tgt Ion:149 Resp: 227971

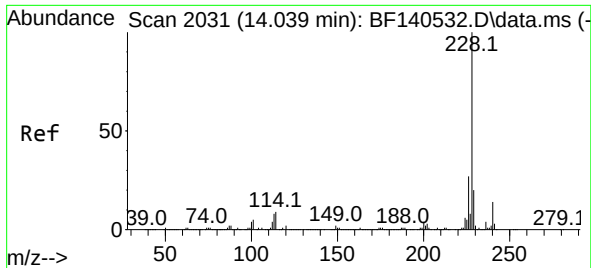
Ion Ratio Lower Upper

149 100

91 68.7 56.2 84.2

206 20.8 16.4 24.6

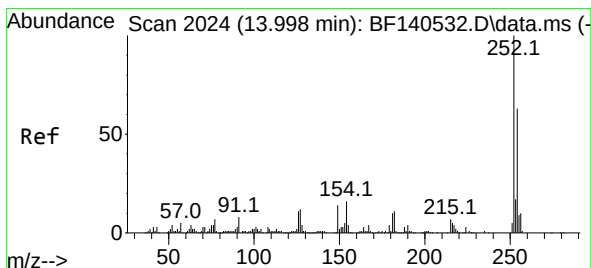
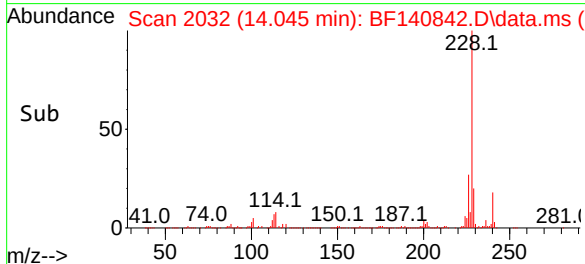
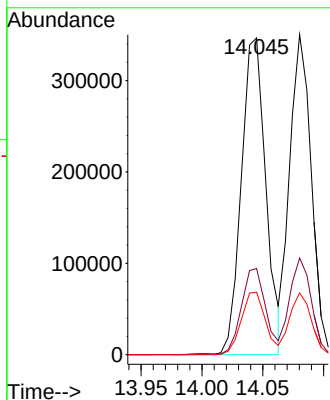
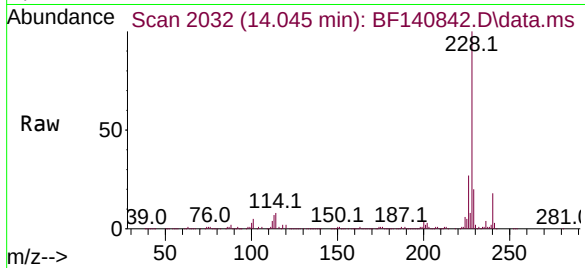




#81
Benzo(a)anthracene
Concen: 55.213 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

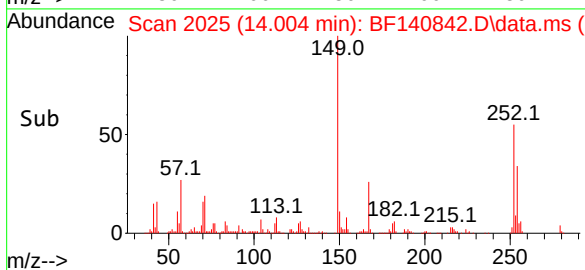
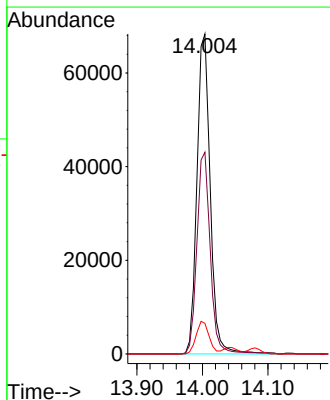
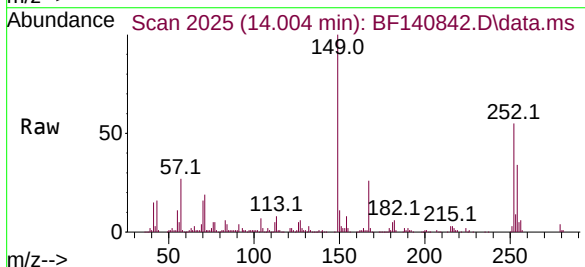
Instrument :
BNA_F
ClientSampleId :
PB165590BS

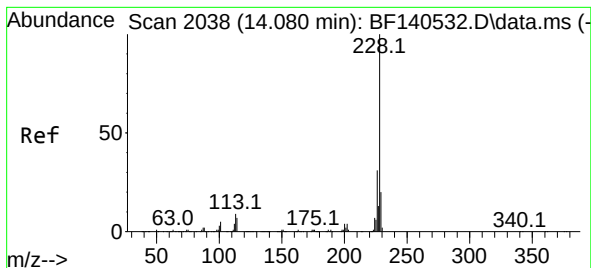
Tgt Ion:228 Resp: 485156
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.581 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140842.D
Acq: 13 Dec 2024 14:06

Tgt Ion:252 Resp: 96507
Ion Ratio Lower Upper
252 100
254 63.1 50.8 76.2
126 9.6 8.6 13.0





#83

Chrysene

Concen: 54.219 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

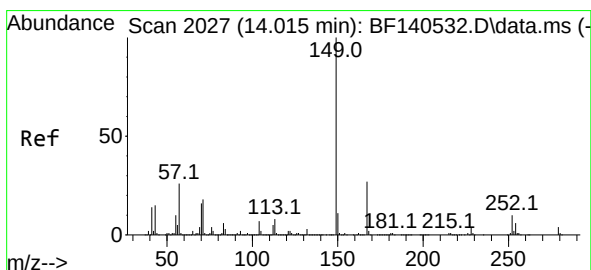
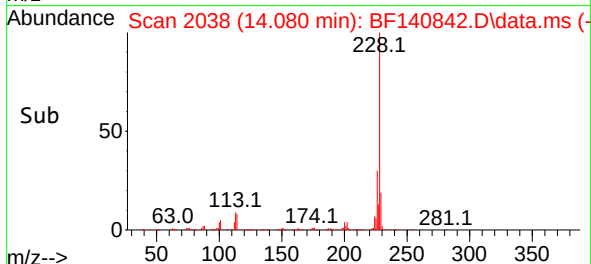
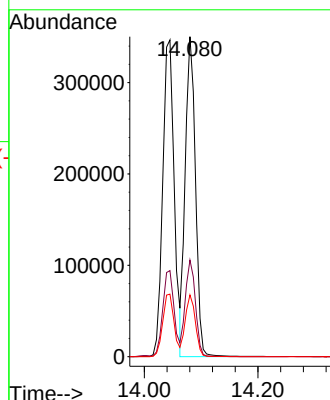
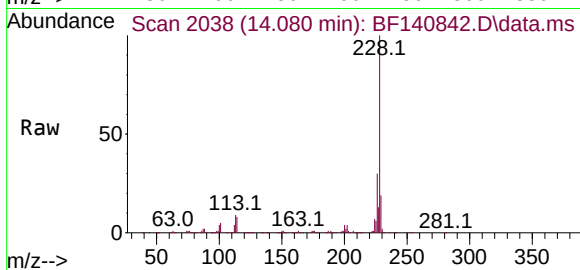
Tgt Ion:228 Resp: 435631

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.726 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

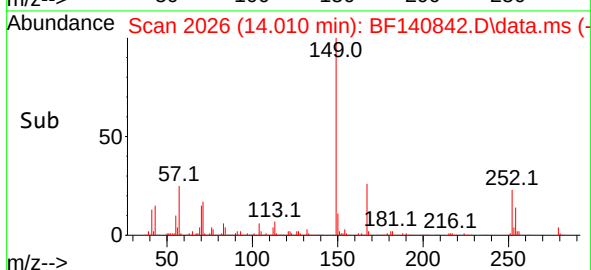
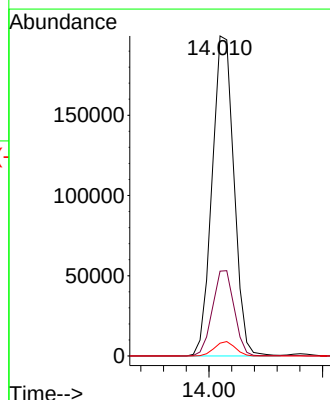
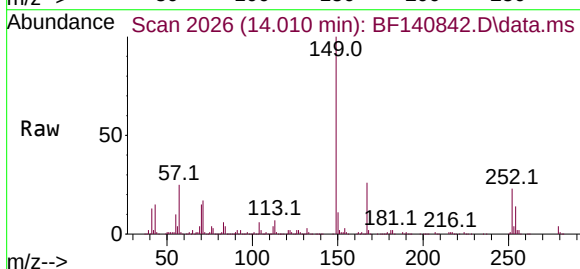
Tgt Ion:149 Resp: 266457

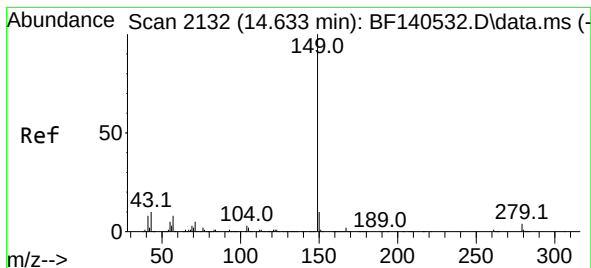
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.234 ng

RT: 14.657 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

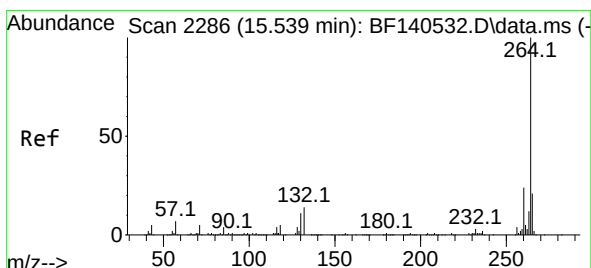
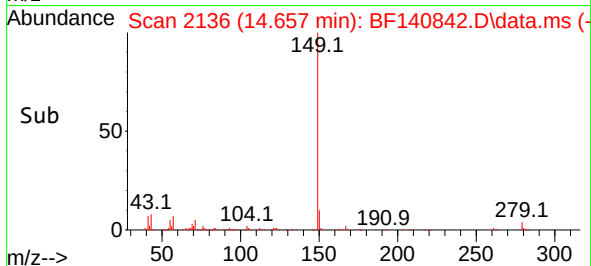
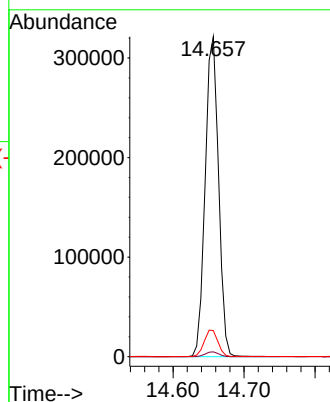
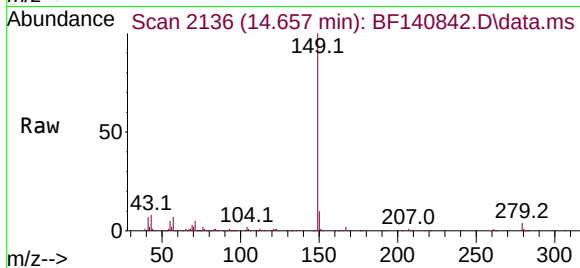
Tgt Ion:149 Resp: 421429

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.035 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

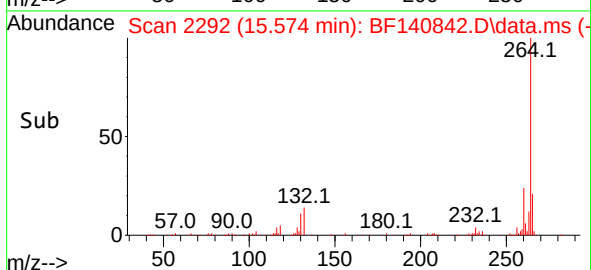
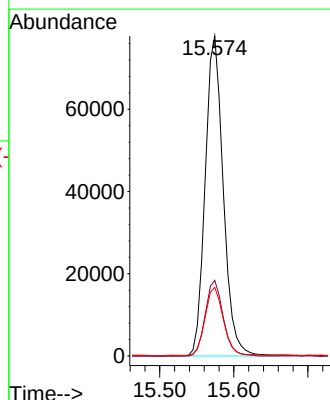
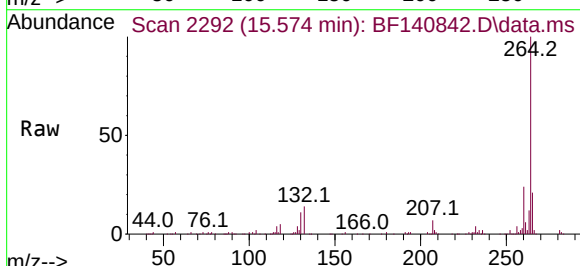
Tgt Ion:264 Resp: 131827

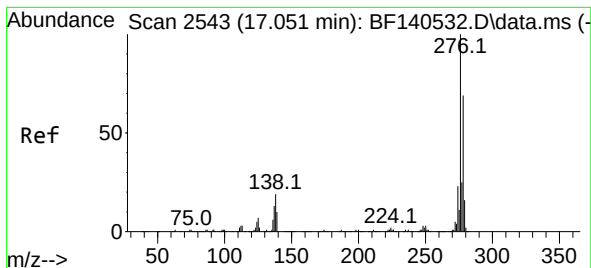
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 65.009 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

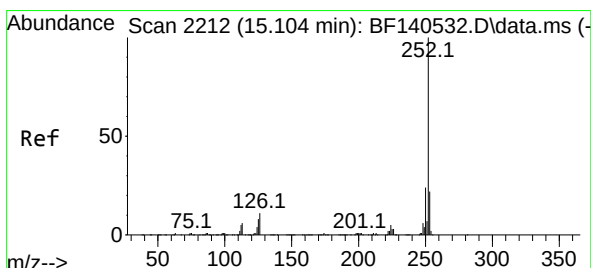
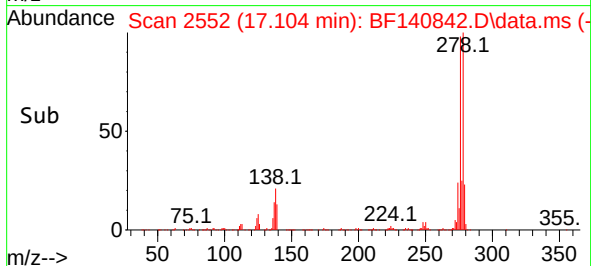
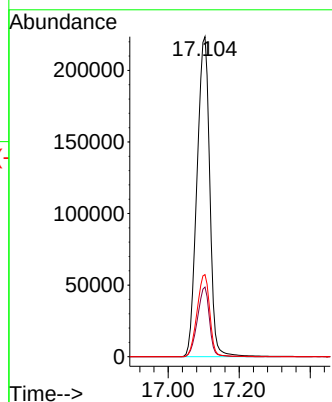
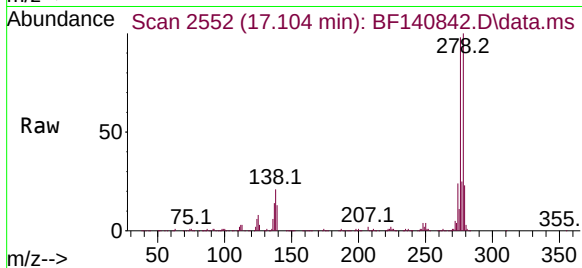
Tgt Ion:276 Resp: 558496

Ion Ratio Lower Upper

276 100

138 20.4 15.5 23.3

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.686 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.029 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

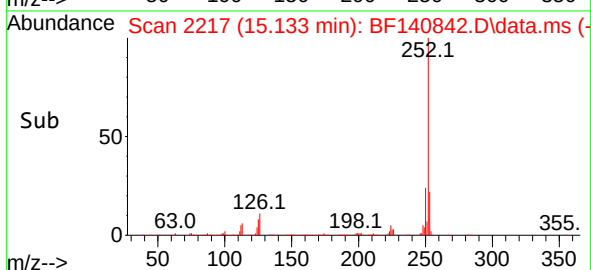
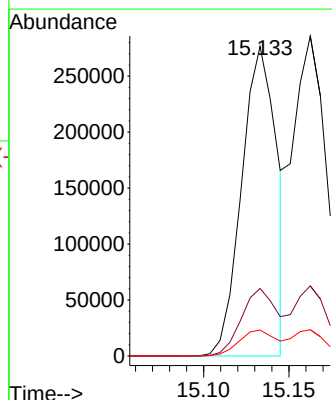
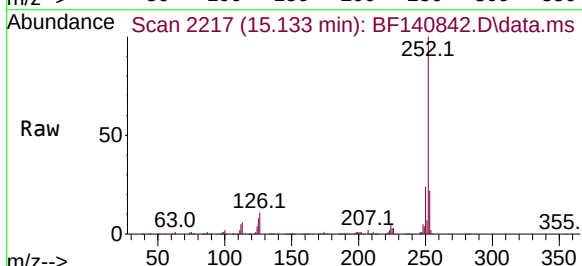
Tgt Ion:252 Resp: 394849

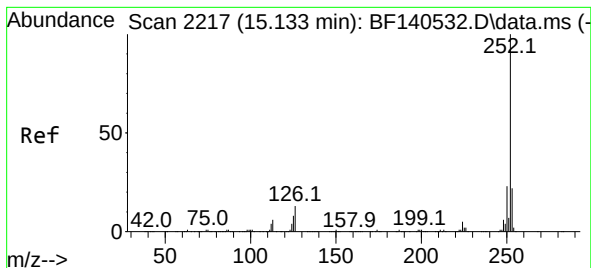
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 54.877 ng

RT: 15.163 min Scan# 2217

Delta R.T. 0.029 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

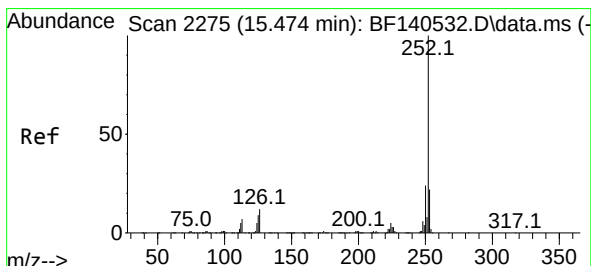
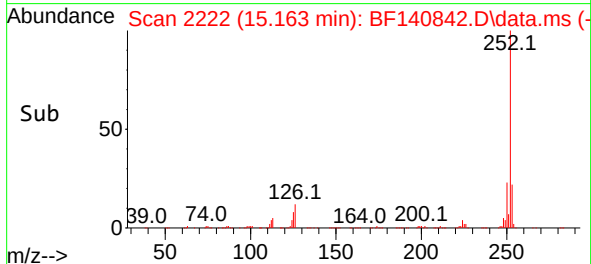
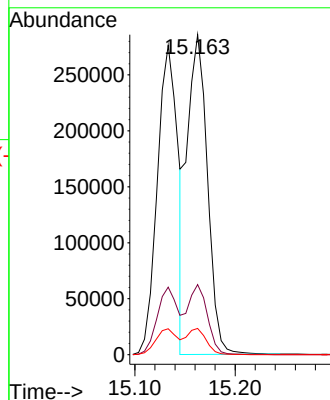
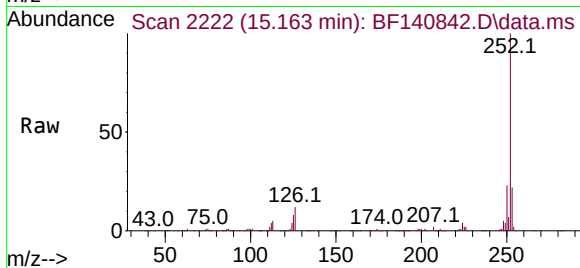
Tgt Ion:252 Resp: 397635

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.2 6.5 9.7



#90

Benzo(a)pyrene

Concen: 58.964 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.035 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

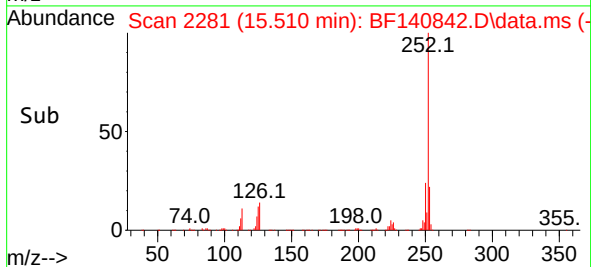
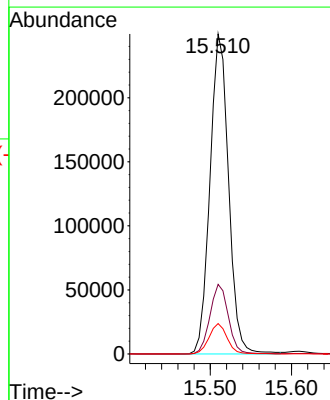
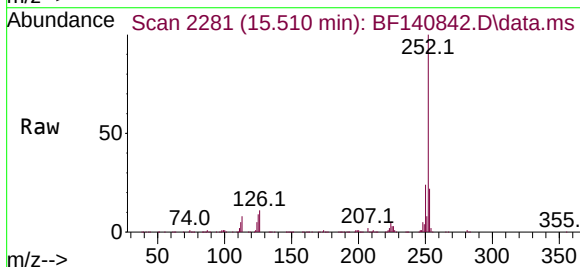
Tgt Ion:252 Resp: 396974

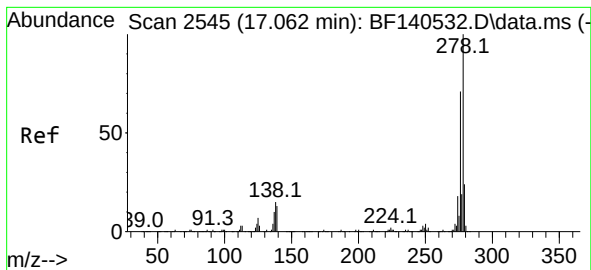
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.5 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 65.863 ng

RT: 17.109 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Instrument :

BNA_F

ClientSampleId :

PB165590BS

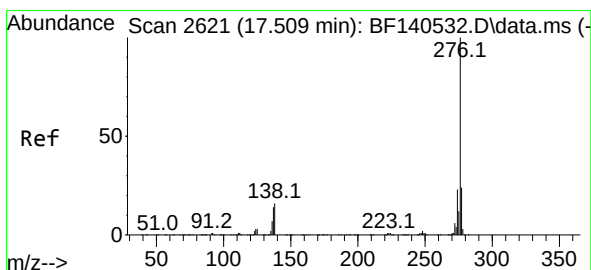
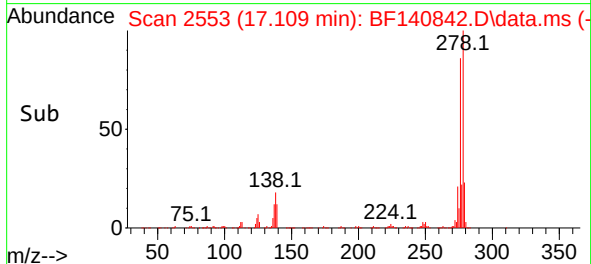
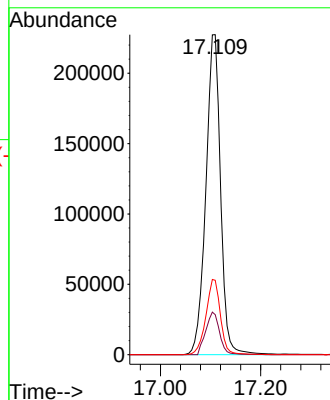
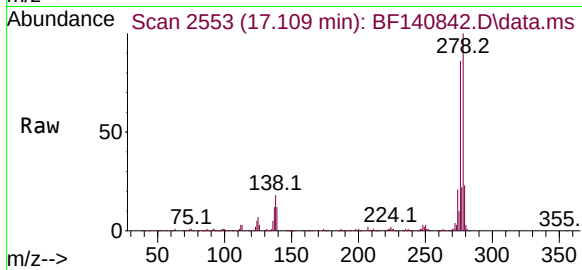
Tgt Ion:278 Resp: 463395

Ion Ratio Lower Upper

278 100

139 12.5 10.2 15.4

279 23.2 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 59.423 ng

RT: 17.556 min Scan# 2629

Delta R.T. 0.047 min

Lab File: BF140842.D

Acq: 13 Dec 2024 14:06

Tgt Ion:276 Resp: 426632

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 17.2 13.2 19.8

