

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140957.D
 Acq On : 20 Dec 2024 18:06
 Operator : RC/JU
 Sample : P5330-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

Quant Time: Dec 20 21:59:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	59911	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	246060	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	146011	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	268415	20.000	ng	0.00
76) Chrysene-d12	14.033	240	164211	20.000	ng	0.00
86) Perylene-d12	15.539	264	136462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	550438	151.245	ng	0.02
7) Phenol-d6	6.510	99	709013	147.086	ng	0.01
23) Nitrobenzene-d5	7.422	82	497361	101.128	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	255018	147.674	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1029686	96.956	ng	0.00
79) Terphenyl-d14	12.963	244	1115345	107.103	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	64860	41.375	ng	# 83
3) Pyridine	3.569	79	146619	40.387	ng	98
4) n-Nitrosodimethylamine	3.487	42	86188	47.094	ng	94
6) Aniline	6.528	93	66458	16.125	ng	# 1
8) 2-Chlorophenol	6.651	128	219844	55.394	ng	98
9) Benzaldehyde	6.416	77	33819	12.662	ng	99
10) Phenol	6.522	94	249906	50.021	ng	83
11) bis(2-Chloroethyl)ether	6.587	93	200215	53.737	ng	98
12) 1,3-Dichlorobenzene	6.792	146	217313	48.053	ng	98
13) 1,4-Dichlorobenzene	6.869	146	223664	48.724	ng	99
14) 1,2-Dichlorobenzene	7.016	146	211355	48.799	ng	98
15) Benzyl Alcohol	7.004	79	194203	56.346	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	227217	51.769	ng	100
17) 2-Methylphenol	7.122	107	174546	55.086	ng	99
18) Hexachloroethane	7.351	117	82012	47.991	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	156037	53.964	ng	98
20) 3+4-Methylphenols	7.281	107	244516	58.196	ng	# 70
22) Acetophenone	7.263	105	314944	51.167	ng	# 92
24) Nitrobenzene	7.439	77	239752	47.584	ng	95
25) Isophorone	7.675	82	442702	53.722	ng	100
26) 2-Nitrophenol	7.751	139	127977	55.149	ng	96
27) 2,4-Dimethylphenol	7.792	122	185490	68.445	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	267585	51.990	ng	98
29) 2,4-Dichlorophenol	8.004	162	200134	53.490	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	204646	47.713	ng	99
31) Naphthalene	8.151	128	697489	51.603	ng	100
32) Benzoic acid	7.957	122	112073	43.605	ng	96
33) 4-Chloroaniline	8.216	127	66294	14.768	ng	97
34) Hexachlorobutadiene	8.257	225	135668	47.014	ng	99
35) Caprolactam	8.592	113	36084	32.395	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	217358	51.615	ng	99
37) 2-Methylnaphthalene	8.845	142	445995	49.882	ng	99
38) 1-Methylnaphthalene	8.939	142	421436	47.660	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	221633	49.385	ng	99
41) Hexachlorocyclopentadiene	8.986	237	65804	53.222	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	139019	50.589	ng	98

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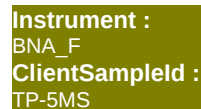
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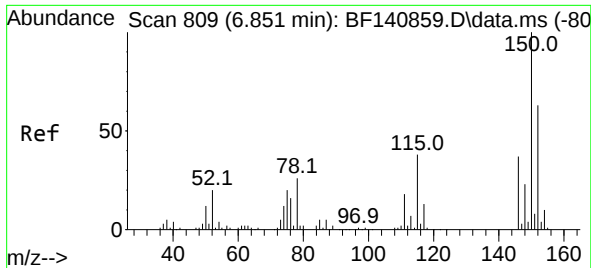
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	151923	50.298	ng	98
46) 1,1'-Biphenyl	9.304	154	581768	50.107	ng	99
47) 2-Chloronaphthalene	9.333	162	438130	49.326	ng	99
48) 2-Nitroaniline	9.439	65	141388	52.707	ng	97
49) Acenaphthylene	9.751	152	746714	57.206	ng	100
50) Dimethylphthalate	9.604	163	557124	54.121	ng	100
51) 2,6-Dinitrotoluene	9.681	165	123243	52.370	ng	94
52) Acenaphthene	9.922	154	454822	54.548	ng	100
53) 3-Nitroaniline	9.857	138	45966	19.682	ng	99
54) 2,4-Dinitrophenol	9.980	184	129713	110.271	ng	89
55) Dibenzofuran	10.092	168	658684	50.980	ng	100
56) 4-Nitrophenol	10.051	139	99507	79.255	ng	98
57) 2,4-Dinitrotoluene	10.092	165	158790	51.283	ng	99
58) Fluorene	10.439	166	553515	51.929	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	102339	41.581	ng	92
60) Diethylphthalate	10.304	149	539582	50.548	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	271780	50.759	ng	97
62) 4-Nitroaniline	10.475	138	108682	44.533	ng	95
63) Azobenzene	10.586	77	501719	49.995	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	92273	60.667	ng	98
66) n-Nitrosodiphenylamine	10.545	169	486322	58.930	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	158645	52.832	ng	96
68) Hexachlorobenzene	10.986	284	180374	52.980	ng	99
69) Atrazine	11.075	200	155345	67.399	ng	99
70) Pentachlorophenol	11.198	266	134403	107.977	ng	98
71) Phenanthrene	11.404	178	791118	57.315	ng	99
72) Anthracene	11.457	178	801253	58.945	ng	99
73) Carbazole	11.616	167	758921	57.000	ng	99
74) Di-n-butylphthalate	11.927	149	767118	49.093	ng	99
75) Fluoranthene	12.598	202	783457	49.285	ng	99
77) Benzidine	12.721	184	49650	14.814	ng	99
78) Pyrene	12.827	202	826114	56.573	ng	99
80) Butylbenzylphthalate	13.433	149	301420	56.099	ng	96
81) Benzo(a)anthracene	14.021	228	634552	54.523	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	62298	17.742	ng	98
83) Chrysene	14.063	228	549579	51.930	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	362850	52.373	ng	100
85) Di-n-octyl phthalate	14.621	149	494579	47.186	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	542970	63.761	ng	100
88) Benzo(b)fluoranthene	15.104	252	481691	50.852	ng	99
89) Benzo(k)fluoranthene	15.133	252	442287	54.432	ng	100
90) Benzo(a)pyrene	15.474	252	432120	58.259	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	444889	63.061	ng	99
92) Benzo(g,h,i)perylene	17.515	276	406954	56.677	ng	99

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

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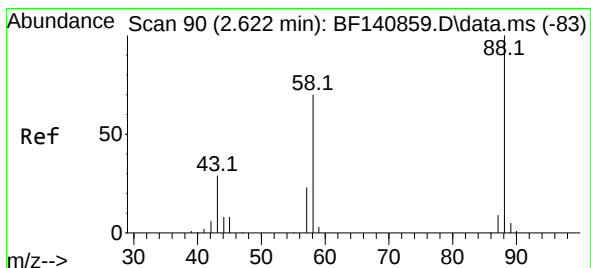
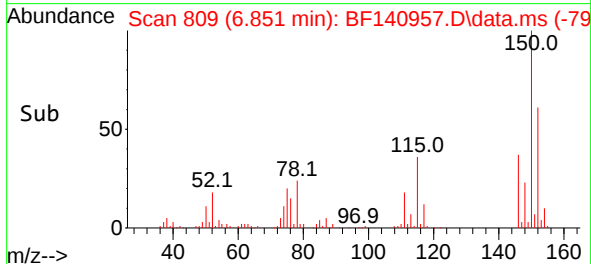
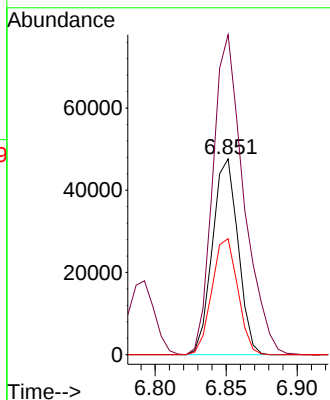
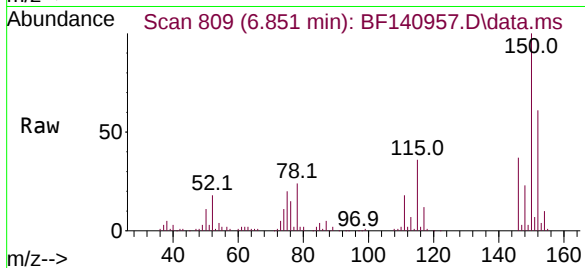




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140957.D
 Acq: 20 Dec 2024 18:06

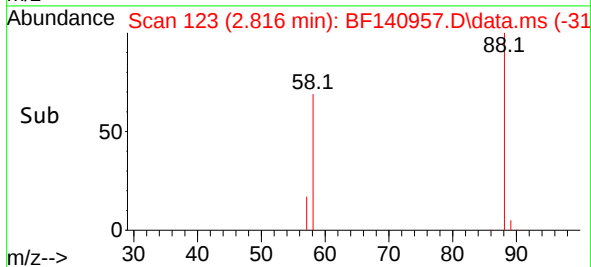
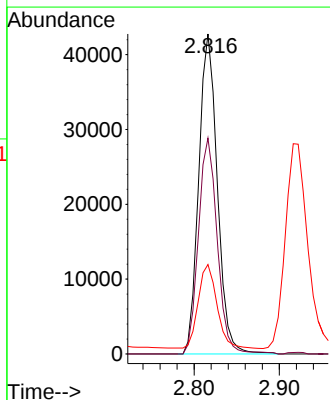
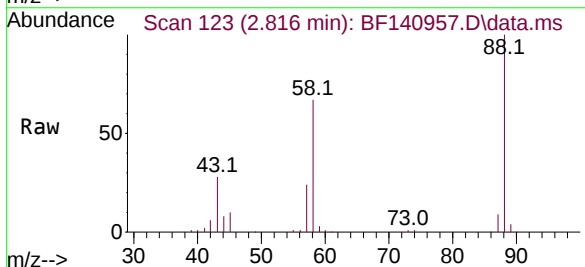
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

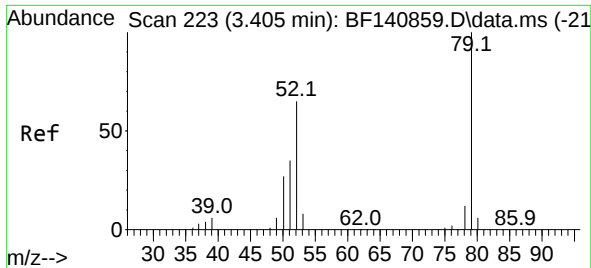
Tgt Ion:152 Resp: 59911
 Ion Ratio Lower Upper
 152 100
 150 163.3 127.9 191.9
 115 59.2 48.0 72.0



#2
 1,4-Dioxane
 Concen: 41.375 ng
 RT: 2.816 min Scan# 123
 Delta R.T. 0.194 min
 Lab File: BF140957.D
 Acq: 20 Dec 2024 18:06

Tgt Ion: 88 Resp: 64860
 Ion Ratio Lower Upper
 88 100
 58 68.3 55.8 83.8
 43 0.0 22.7 34.1#





#3

Pyridine

Concen: 40.387 ng

RT: 3.569 min Scan# 21

Delta R.T. 0.165 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

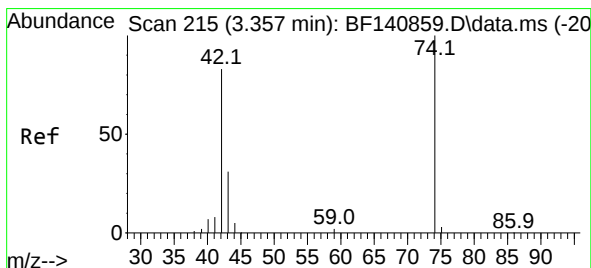
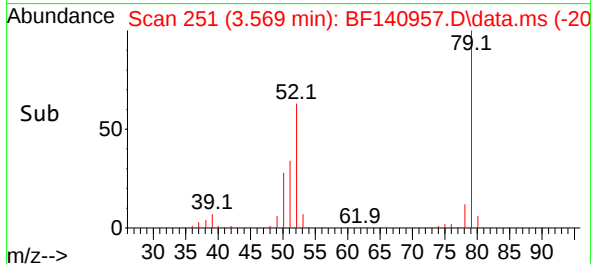
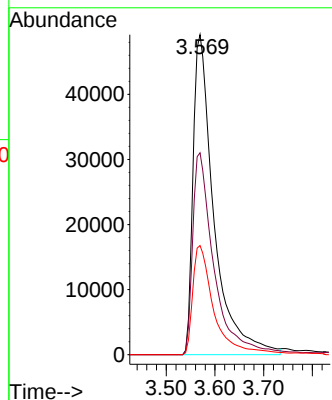
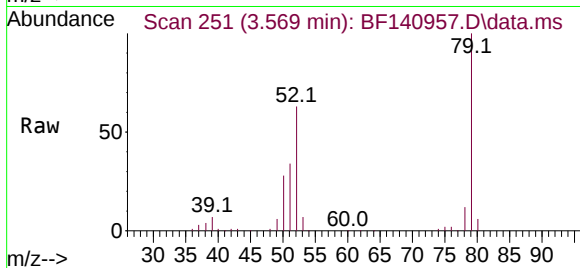
Tgt Ion: 79 Resp: 146619

Ion Ratio Lower Upper

79 100

52 63.1 51.7 77.5

51 34.1 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 47.094 ng

RT: 3.487 min Scan# 237

Delta R.T. 0.129 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

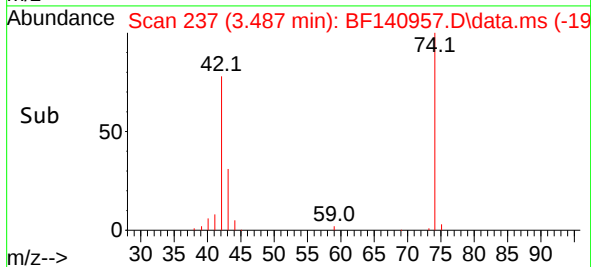
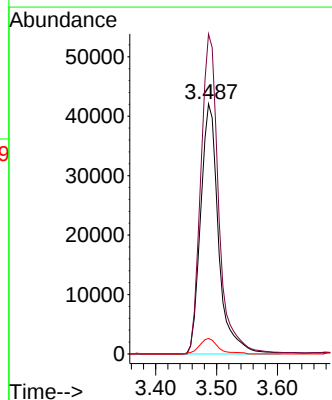
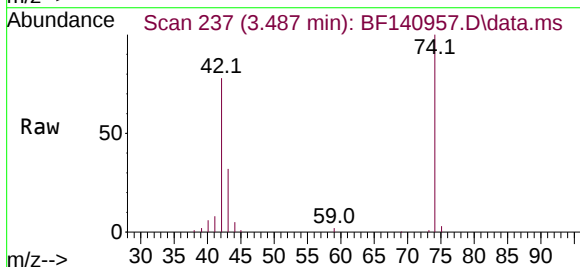
Tgt Ion: 42 Resp: 86188

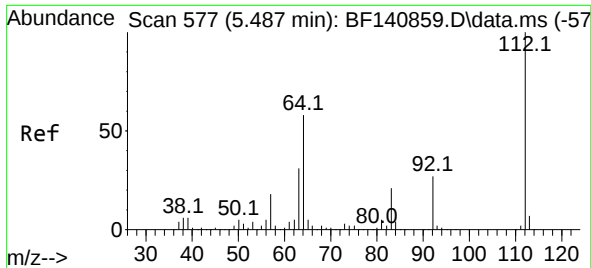
Ion Ratio Lower Upper

42 100

74 127.9 96.9 145.3

44 6.2 4.4 6.6

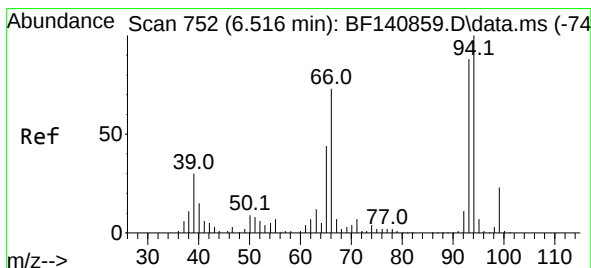
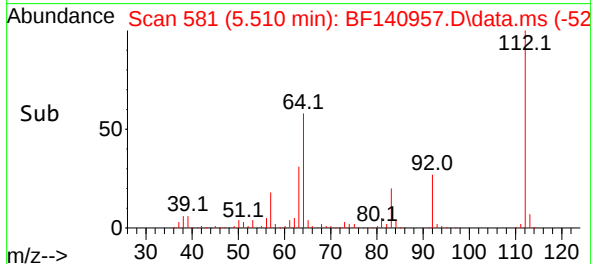
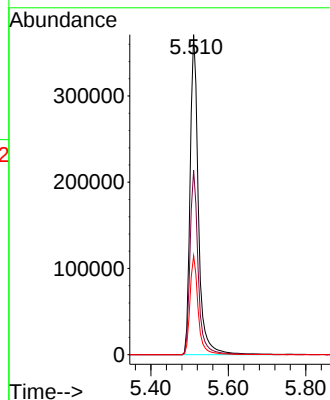
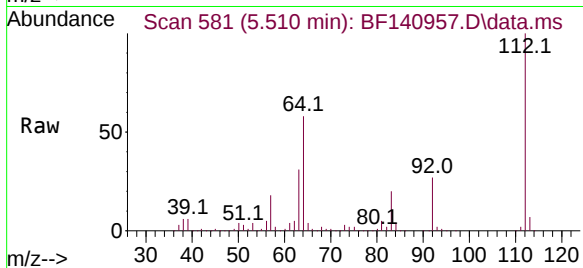




#5
2-Fluorophenol
Concen: 151.245 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

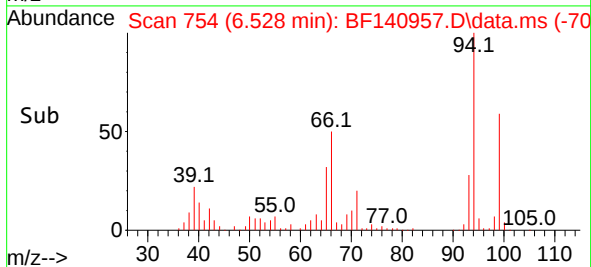
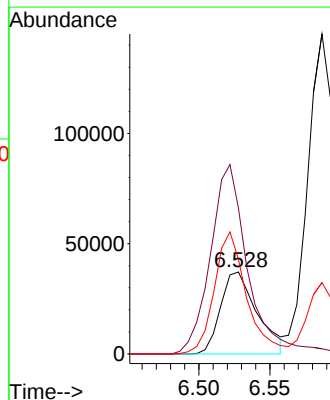
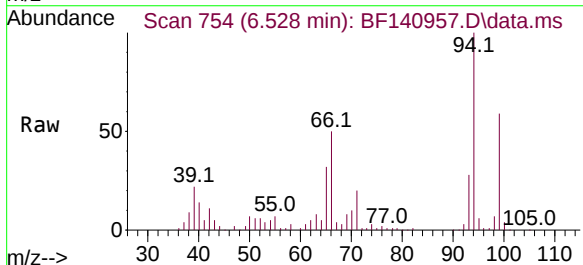
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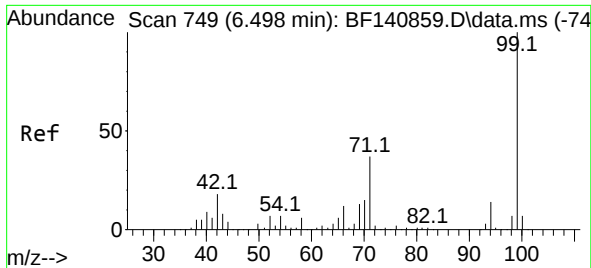
Tgt Ion:112 Resp: 550438
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 30.9 24.9 37.3



#6
Aniline
Concen: 16.125 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion: 93 Resp: 66458
Ion Ratio Lower Upper
93 100
66 178.0 67.0 100.4#
65 115.5 40.4 60.6#





#7

Phenol-d6

Concen: 147.086 ng

RT: 6.510 min Scan# 749

Delta R.T. 0.012 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

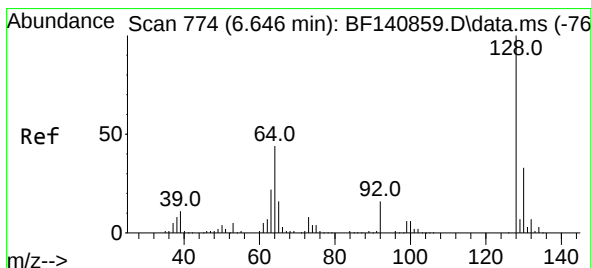
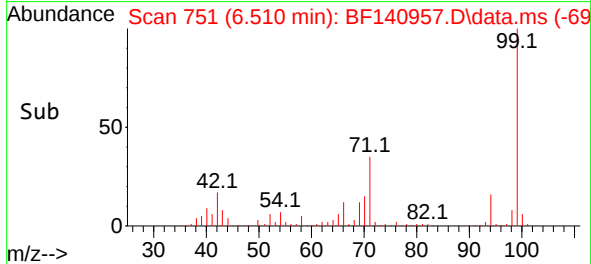
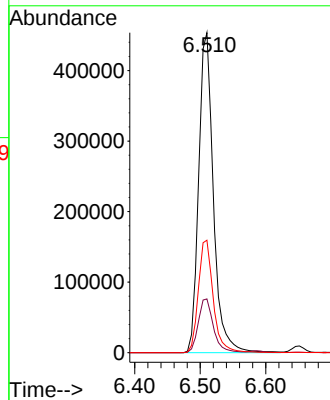
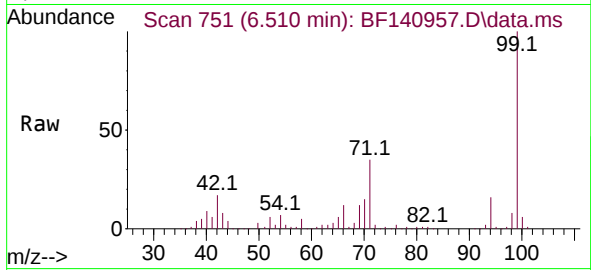
Tgt Ion: 99 Resp: 709013

Ion Ratio Lower Upper

99 100

42 16.8 14.3 21.5

71 35.1 29.9 44.9



#8

2-Chlorophenol

Concen: 55.394 ng

RT: 6.651 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

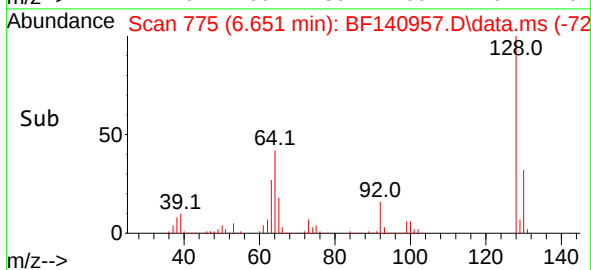
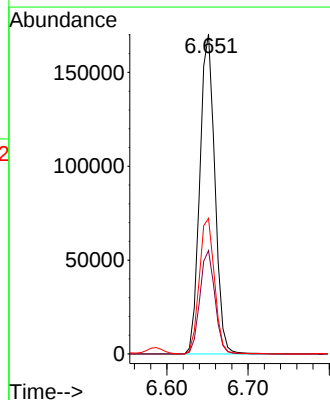
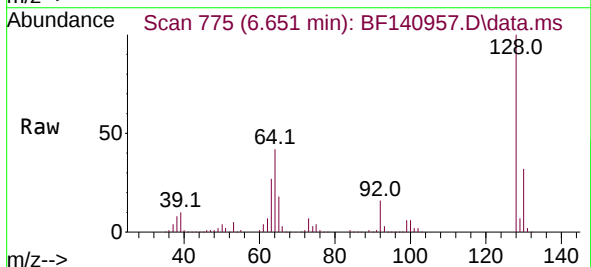
Tgt Ion:128 Resp: 219844

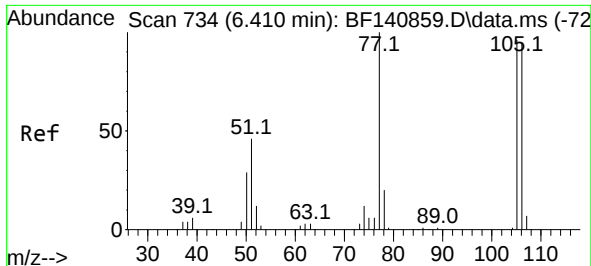
Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

64 42.4 24.3 64.3





#9

Benzaldehyde

Concen: 12.662 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

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ClientSampleId :

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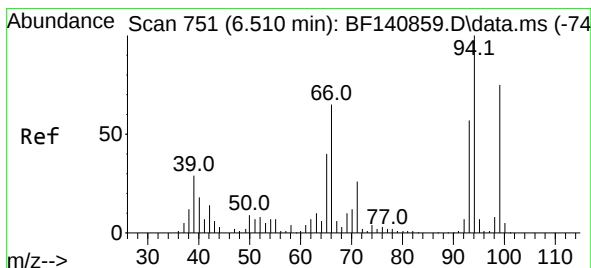
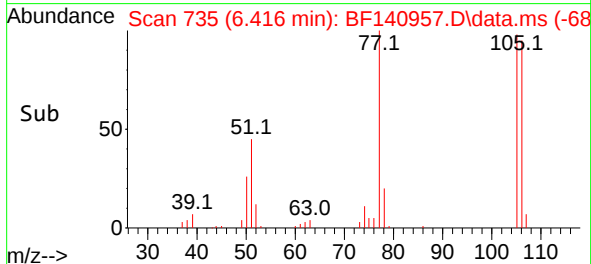
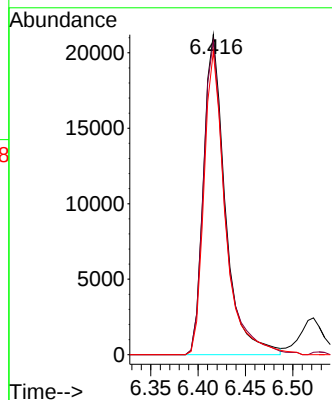
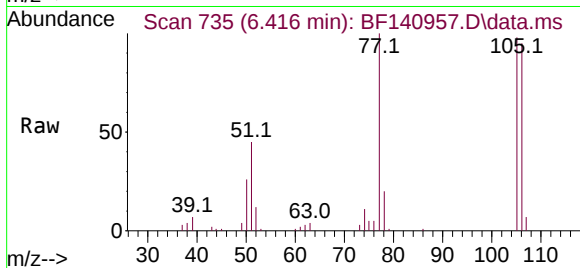
Tgt Ion: 77 Resp: 33819

Ion Ratio Lower Upper

77 100

105 97.9 75.8 115.8

106 94.7 74.1 114.1



#10

Phenol

Concen: 50.021 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.012 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

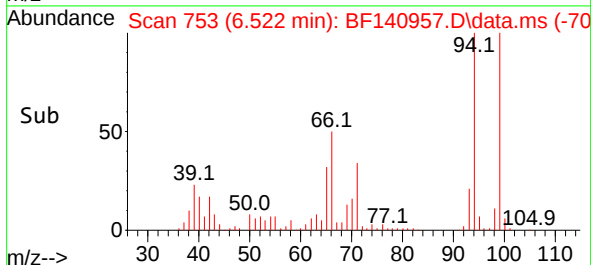
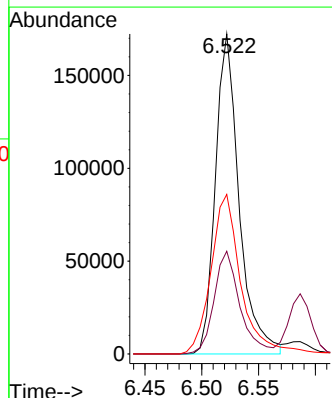
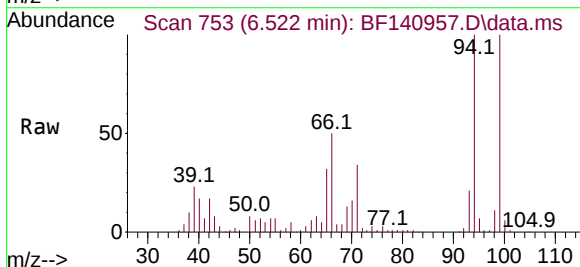
Tgt Ion: 94 Resp: 249906

Ion Ratio Lower Upper

94 100

65 32.1 19.9 59.9

66 49.8 45.6 85.6



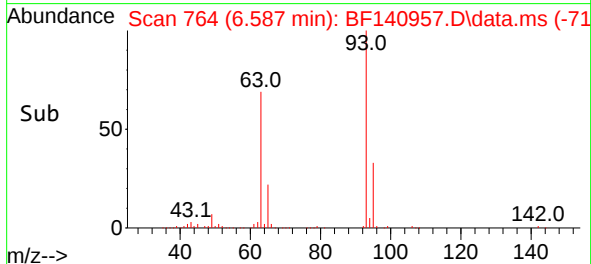
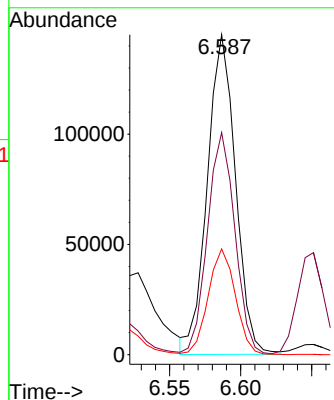
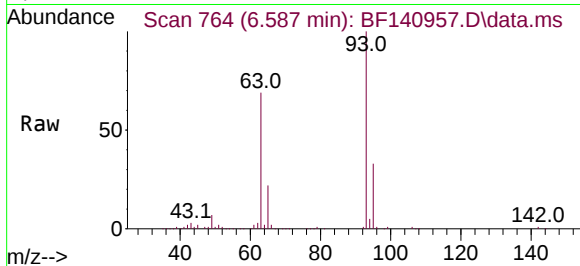


#11
bis(2-Chloroethyl)ether
Concen: 53.737 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion: 93 Resp: 200215

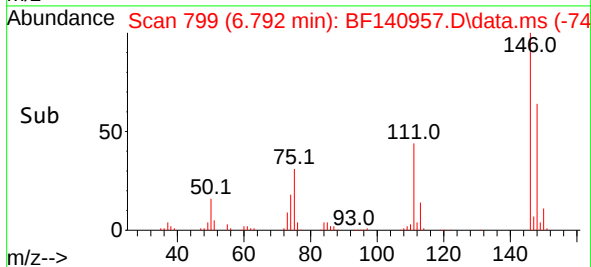
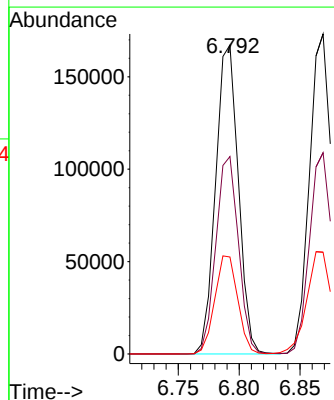
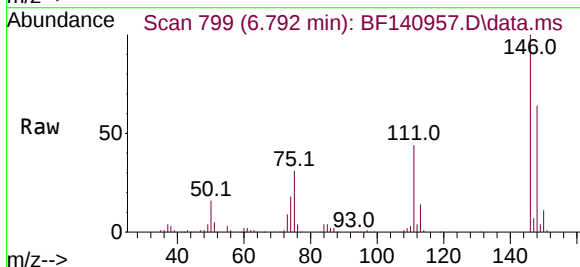
Ion	Ratio	Lower	Upper
93	100		
63	69.4	51.0	91.0
95	33.0	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 48.053 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion: 146 Resp: 217313

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
75	31.4	28.1	42.1





#13

1,4-Dichlorobenzene

Concen: 48.724 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

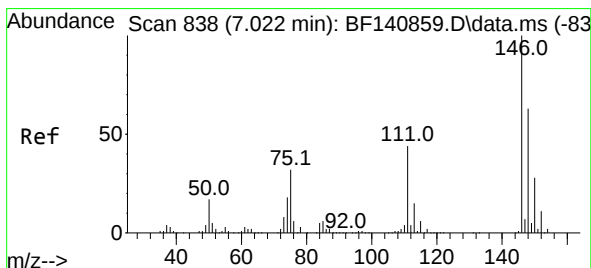
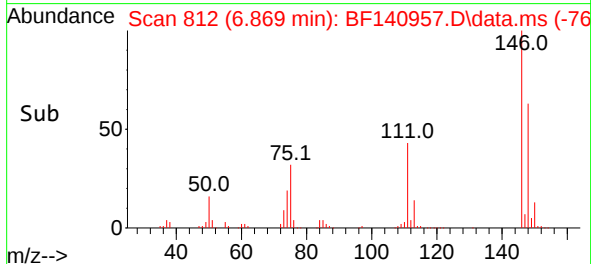
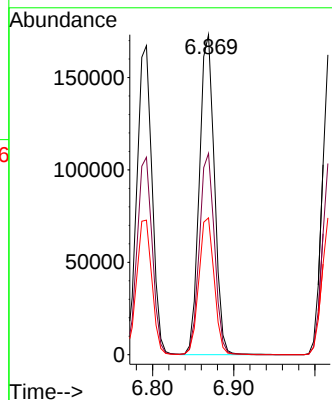
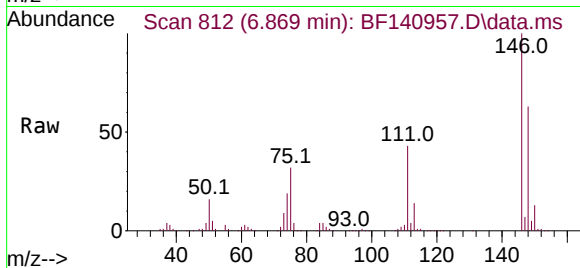
Tgt Ion:146 Resp: 223664

Ion Ratio Lower Upper

146 100

148 62.9 51.3 76.9

111 42.7 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 48.799 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

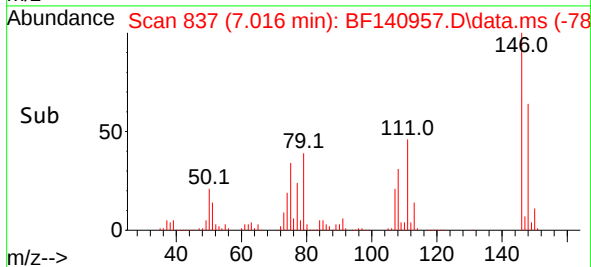
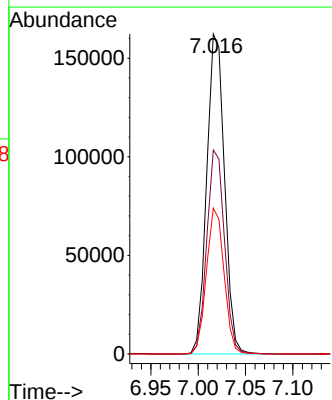
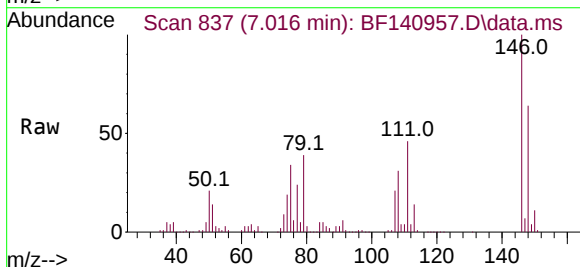
Tgt Ion:146 Resp: 211355

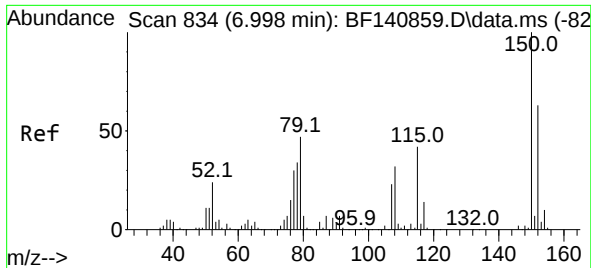
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

111 45.6 35.6 53.4

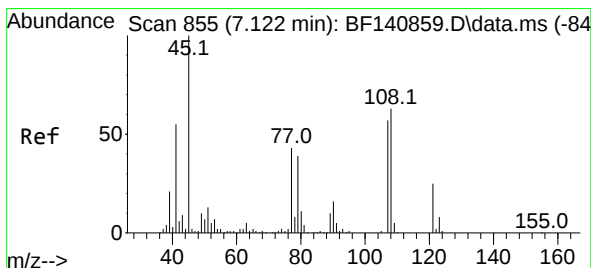
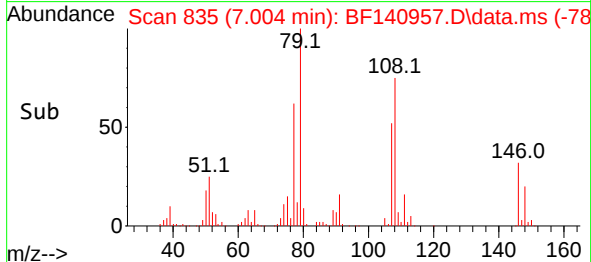
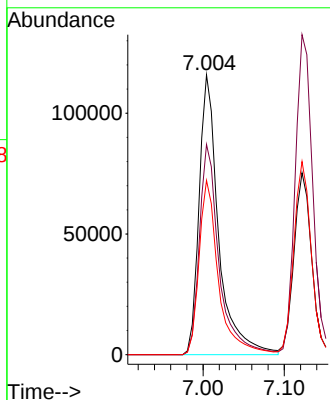
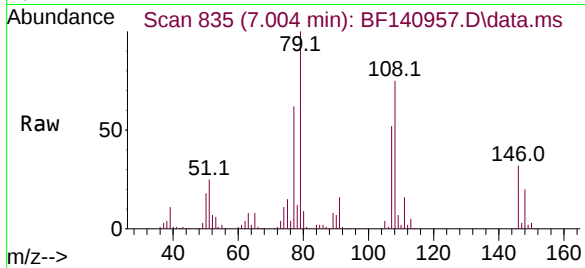




#15
Benzyl Alcohol
Concen: 56.346 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

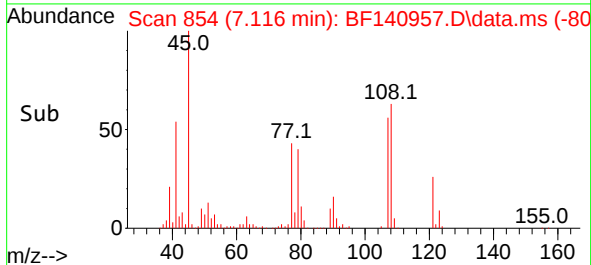
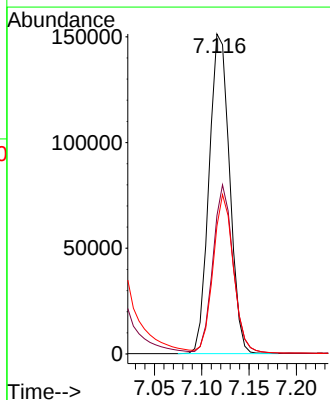
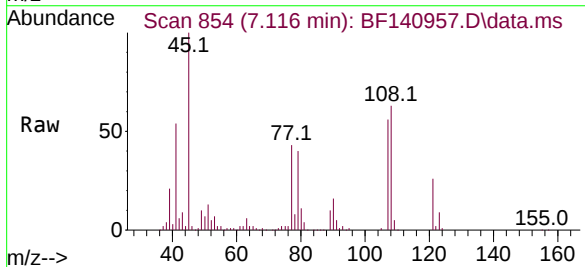
Instrument :
BNA_F
ClientSampleId :
TP-5MS

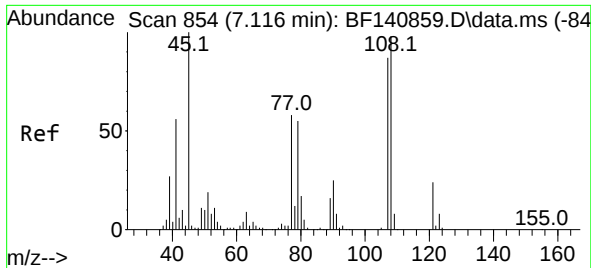
Tgt Ion: 79 Resp: 194203
Ion Ratio Lower Upper
79 100
108 75.1 55.1 82.7
77 62.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.769 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion: 45 Resp: 227217
Ion Ratio Lower Upper
45 100
77 43.2 23.3 63.3
79 40.0 20.0 60.0

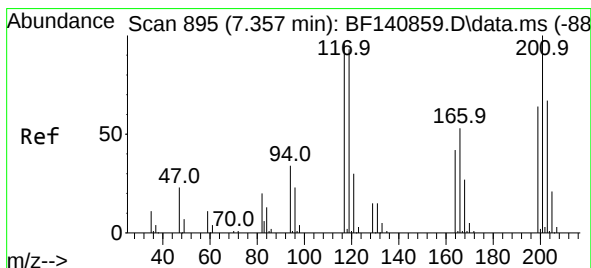
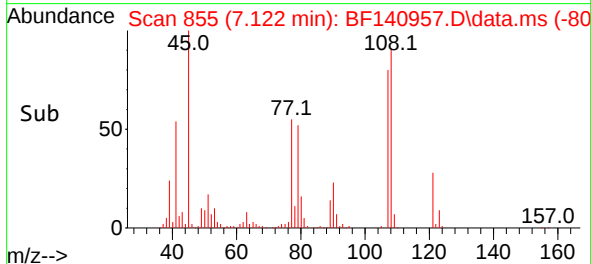
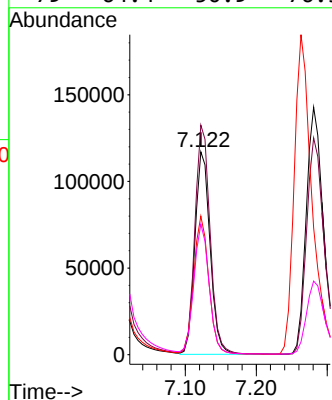
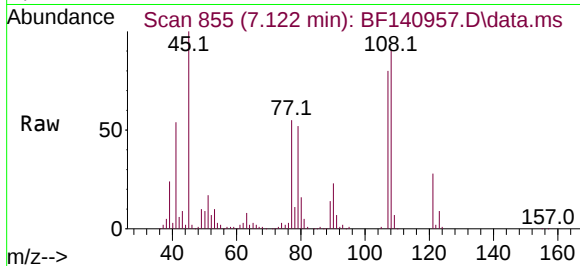




#17
2-Methylphenol
Concen: 55.086 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

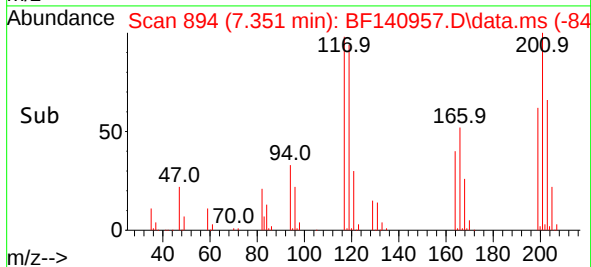
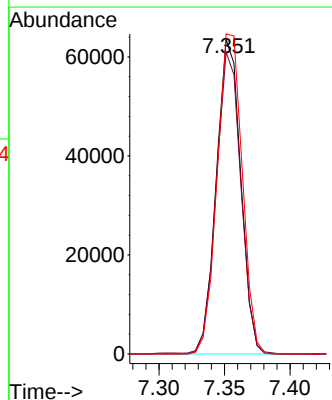
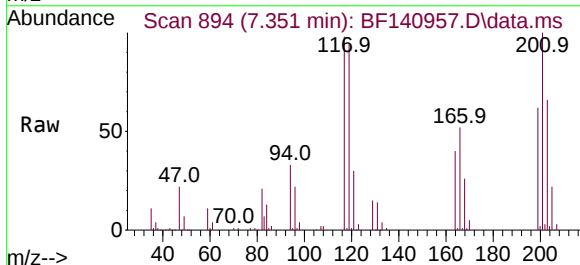
Instrument :
BNA_F
ClientSampleId :
TP-5MS

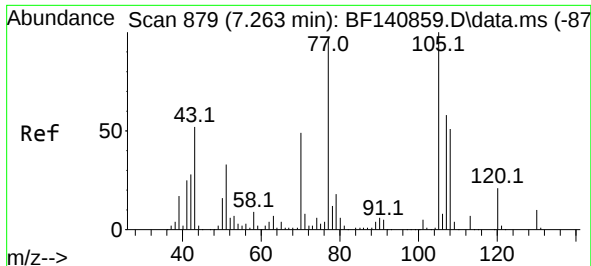
Tgt Ion:	107	Resp:	174546
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.2	135.4
77	68.3	53.8	80.6
79	64.4	50.9	76.3



#18
Hexachloroethane
Concen: 47.991 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:	117	Resp:	82012
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	101.8	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 53.964 ng

RT: 7.269 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

Tgt Ion: 70 Resp: 156037

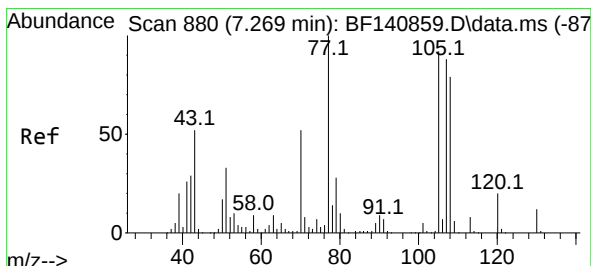
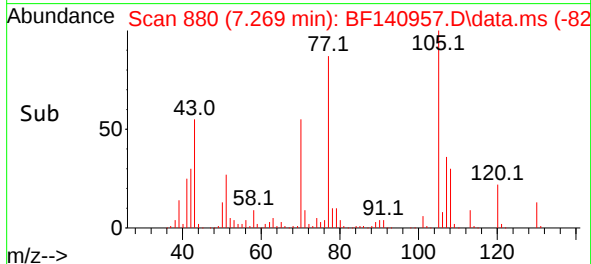
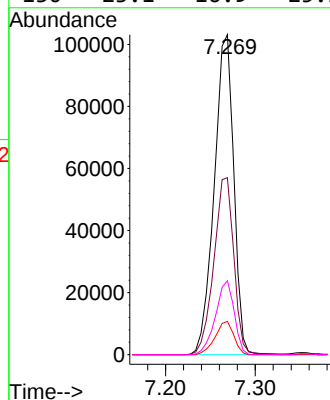
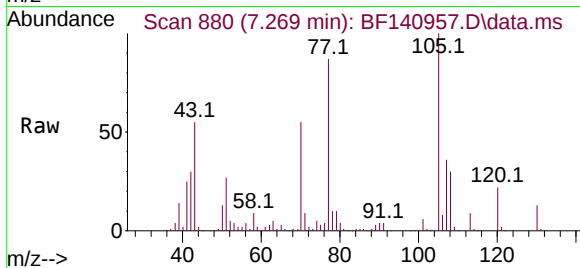
Ion Ratio Lower Upper

70 100

42 55.3 45.3 67.9

101 10.4 8.0 12.0

130 23.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 58.196 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.012 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Tgt Ion:107 Resp: 244516

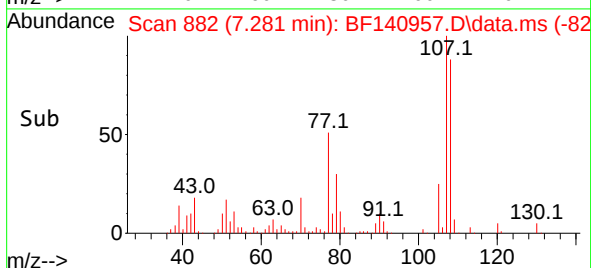
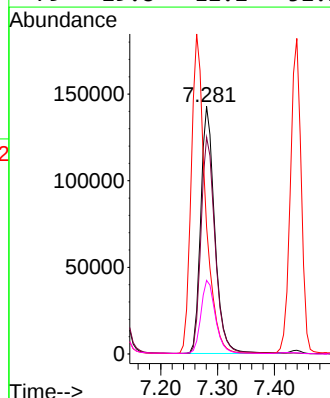
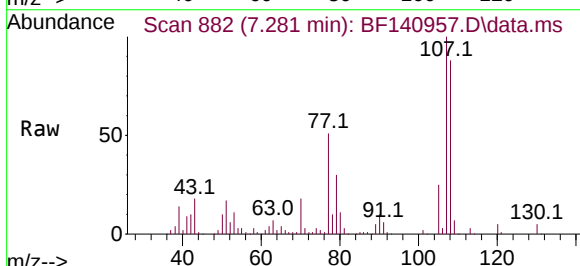
Ion Ratio Lower Upper

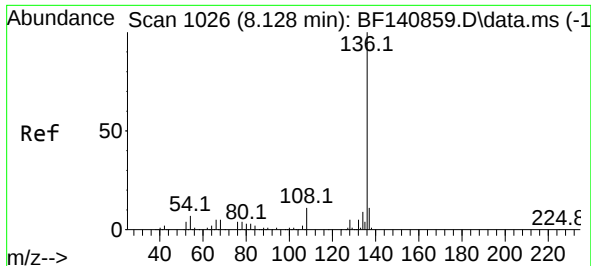
107 100

108 87.6 70.1 110.1

77 51.3 94.4 134.4#

79 29.8 12.2 52.2



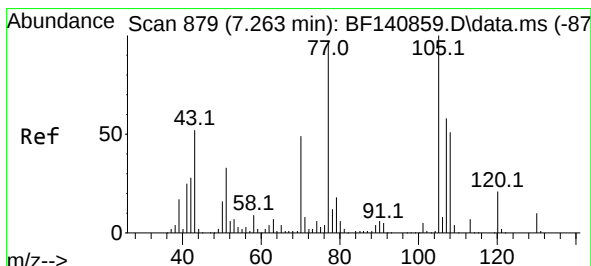
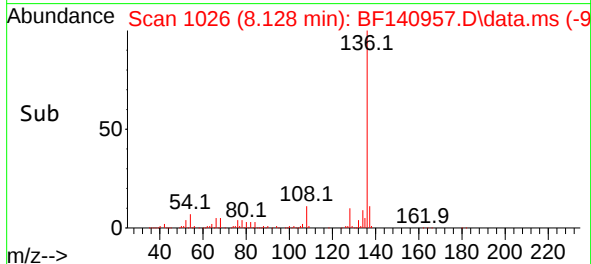
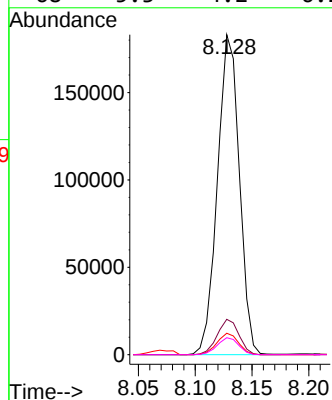
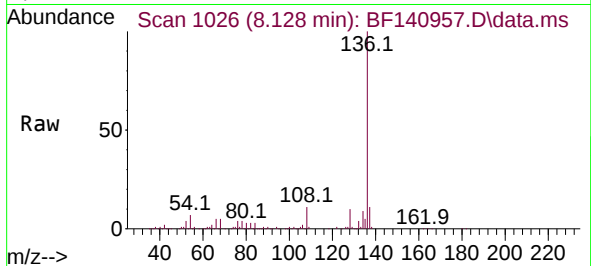


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:136 Resp: 246060

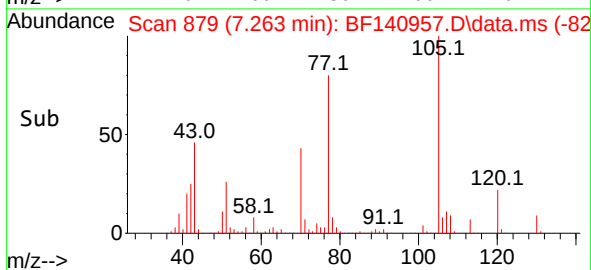
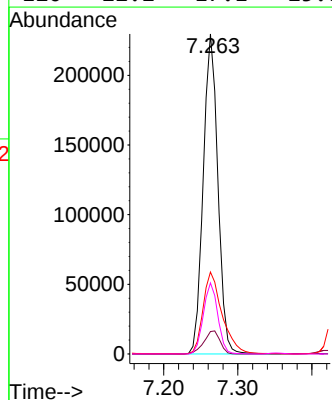
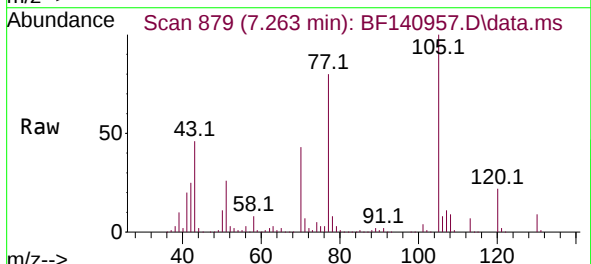
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.6	8.4
68	5.3	4.2	6.2

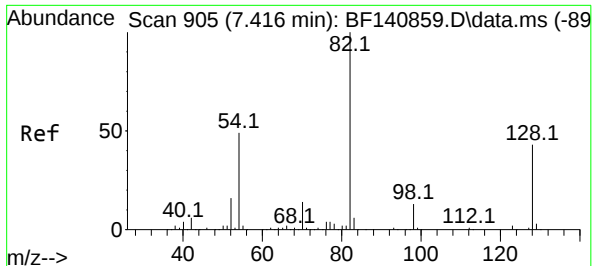


#22
Acetophenone
Concen: 51.167 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:105 Resp: 314944

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.2	9.4
51	25.6	26.3	39.5
120	22.2	17.1	25.7





#23

Nitrobenzene-d5

Concen: 101.128 ng

RT: 7.422 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

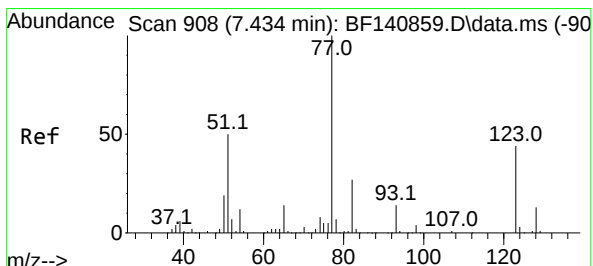
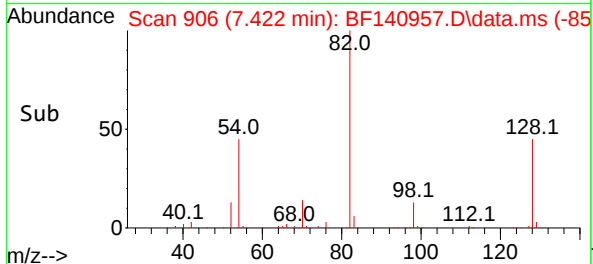
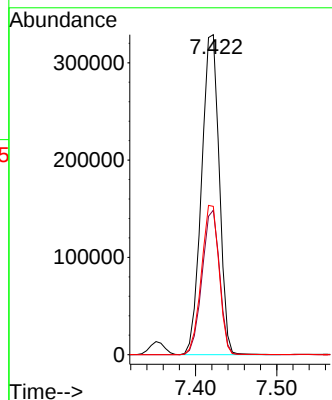
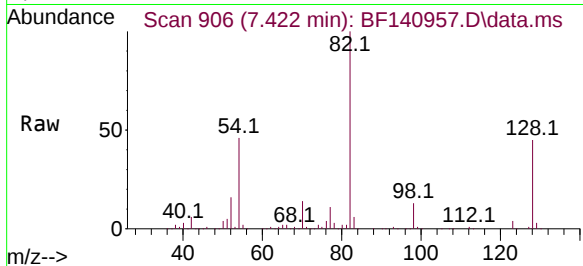
Tgt Ion: 82 Resp: 497361

Ion Ratio Lower Upper

82 100

128 45.2 34.4 51.6

54 46.4 38.8 58.2



#24

Nitrobenzene

Concen: 47.584 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

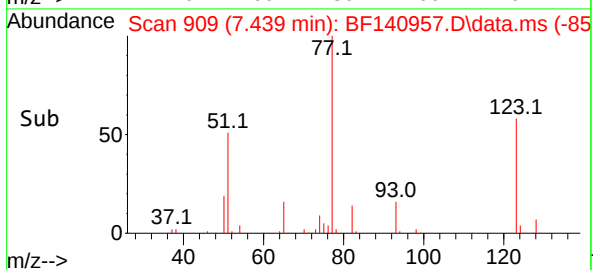
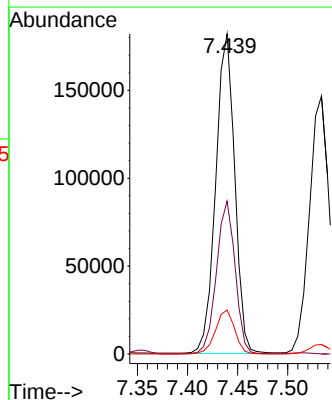
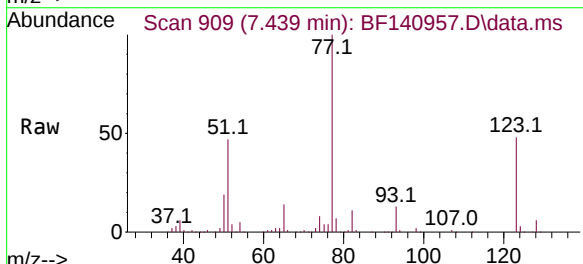
Tgt Ion: 77 Resp: 239752

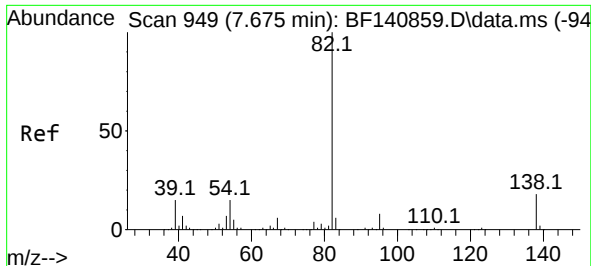
Ion Ratio Lower Upper

77 100

123 47.8 35.0 52.4

65 13.8 11.4 17.0

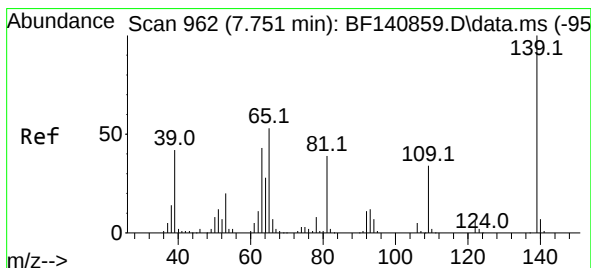
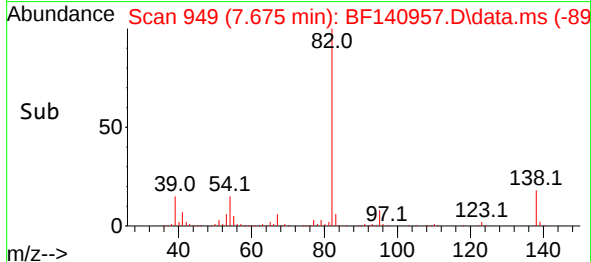
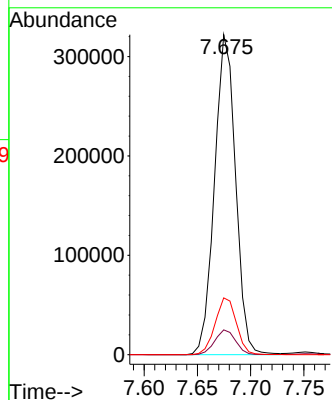
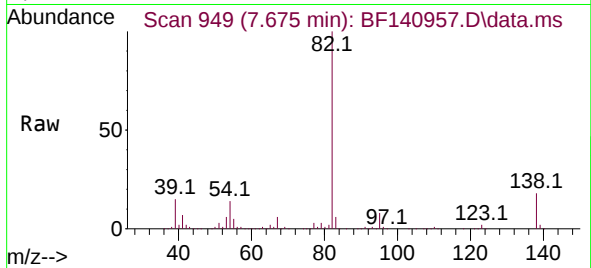




#25
Isophorone
Concen: 53.722 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

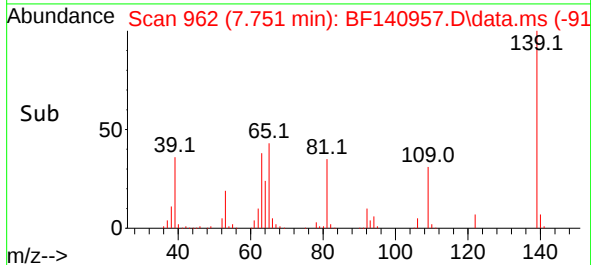
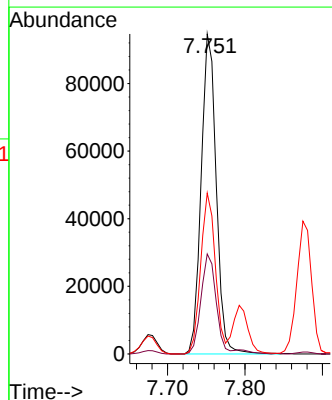
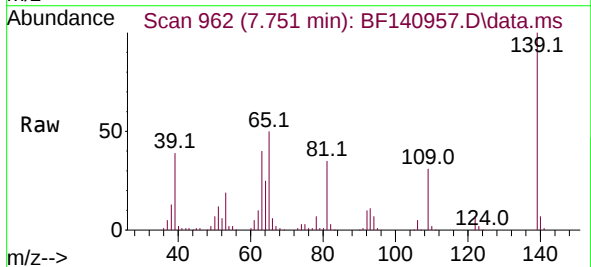
Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion: 82 Resp: 442702
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 17.8 14.1 21.1



#26
2-Nitrophenol
Concen: 55.149 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:139 Resp: 127977
Ion Ratio Lower Upper
139 100
109 31.3 26.9 40.3
65 50.3 42.6 64.0

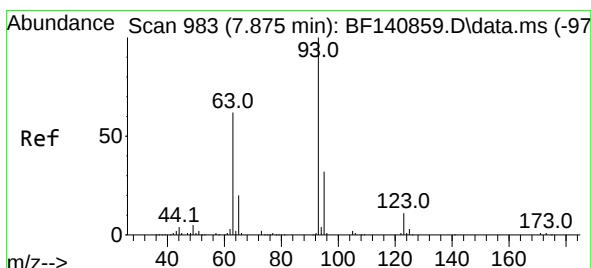
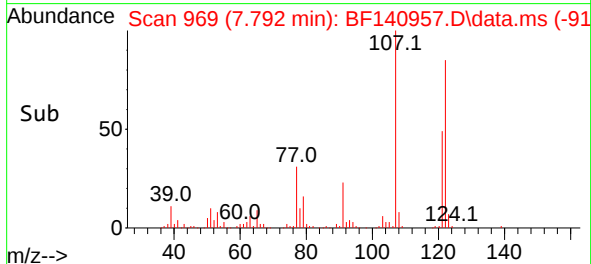
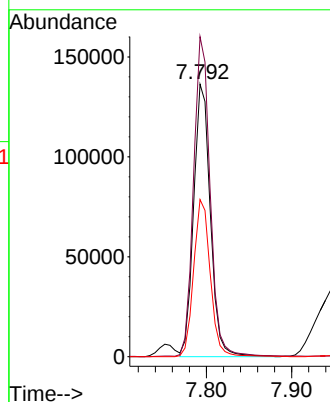
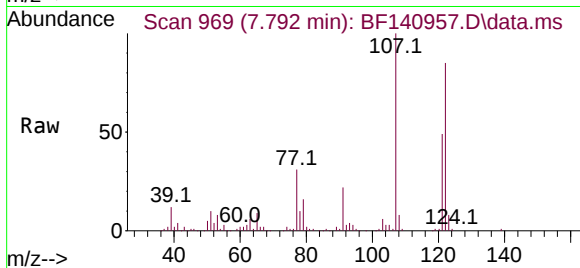




#27
2,4-Dimethylphenol
Concen: 68.445 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

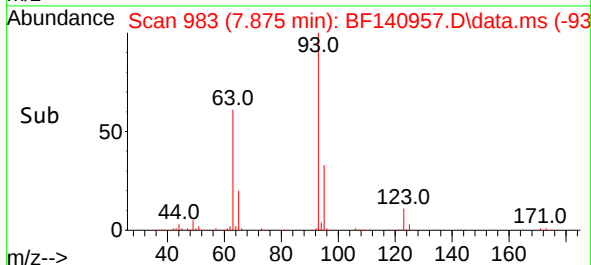
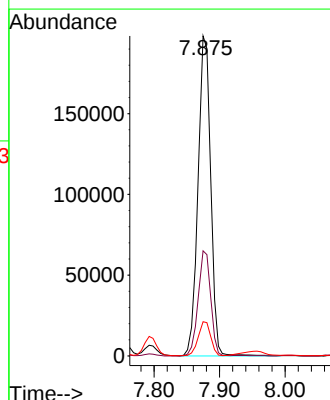
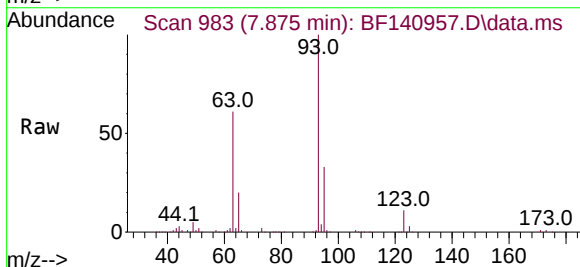
Instrument :
BNA_F
ClientSampleId :
TP-5MS

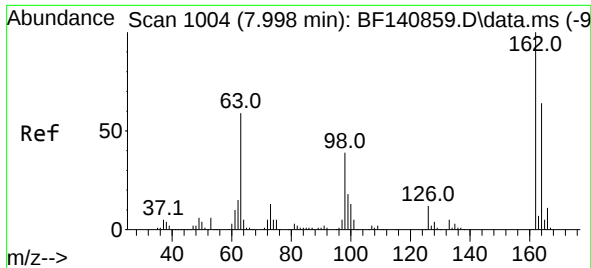
Tgt Ion:122 Resp: 185490
Ion Ratio Lower Upper
122 100
107 117.4 92.6 139.0
121 57.6 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 51.990 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion: 93 Resp: 267585
Ion Ratio Lower Upper
93 100
95 32.8 25.3 37.9
123 10.7 8.6 13.0

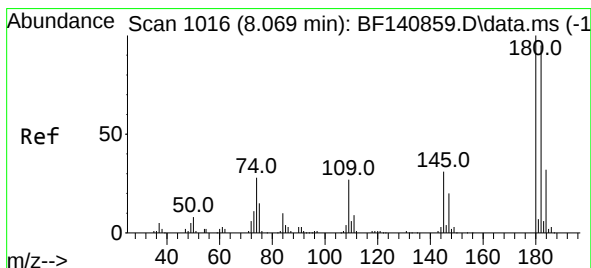
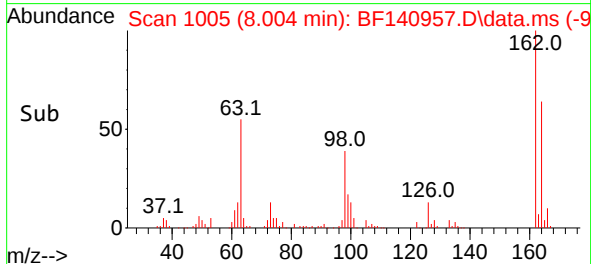
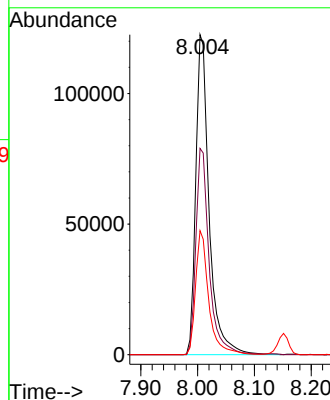
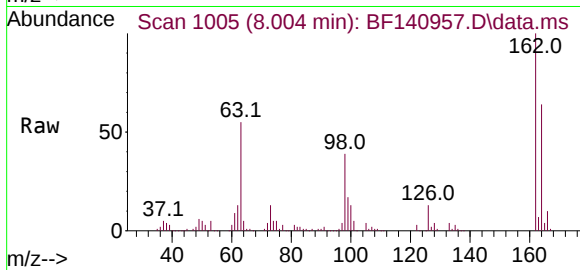




#29
2,4-Dichlorophenol
Concen: 53.490 ng
RT: 8.004 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

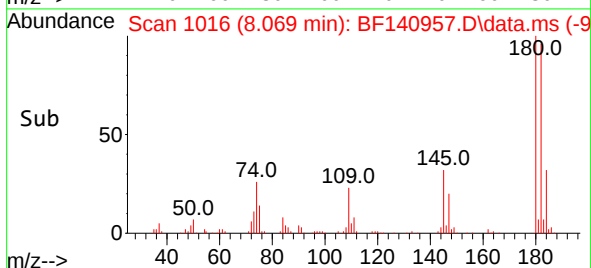
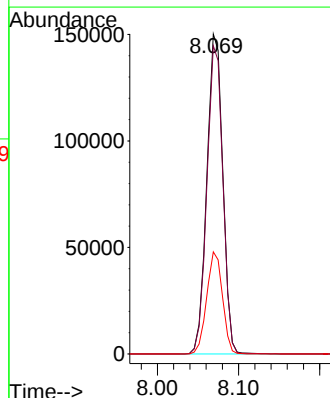
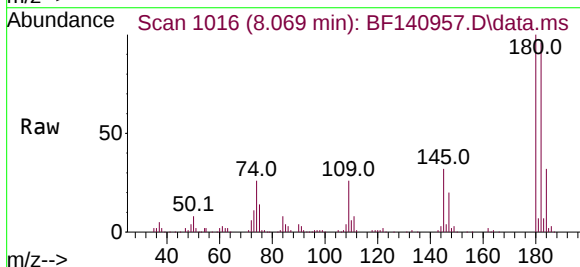
Instrument :
BNA_F
ClientSampleId :
TP-5MS

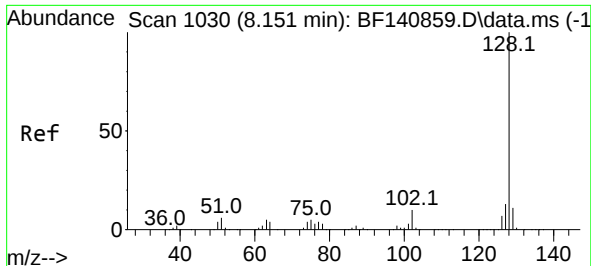
Tgt Ion:162 Resp: 200134
Ion Ratio Lower Upper
162 100
164 64.5 43.7 83.7
98 38.8 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 47.713 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:180 Resp: 204646
Ion Ratio Lower Upper
180 100
182 96.3 75.8 113.6
145 31.9 25.2 37.8

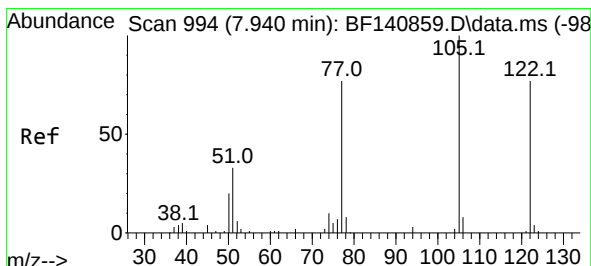
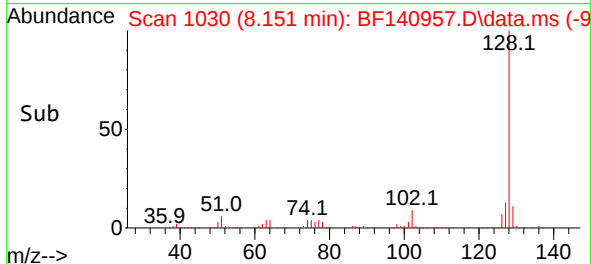
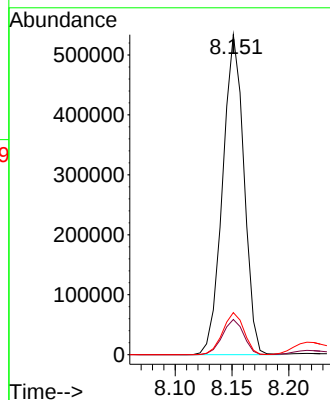
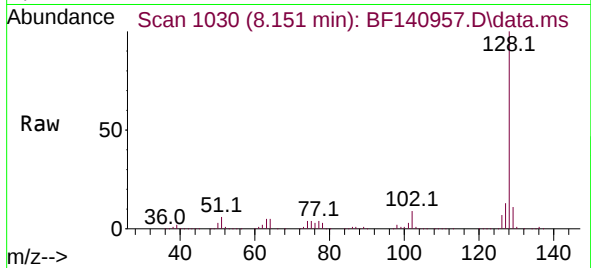




#31
Naphthalene
Concen: 51.603 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

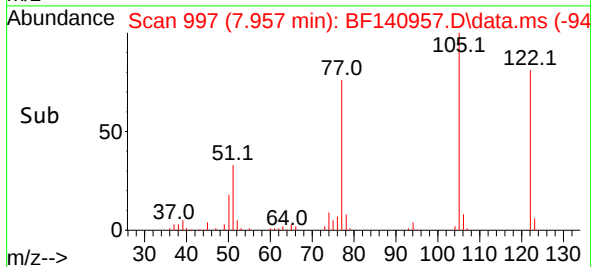
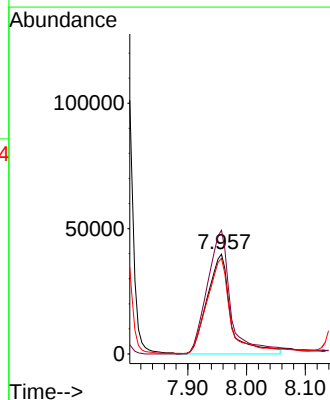
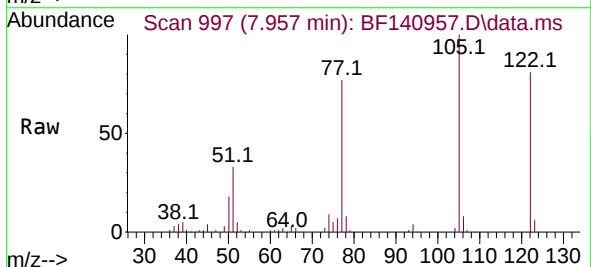
Instrument :
BNA_F
ClientSampleId :
TP-5MS

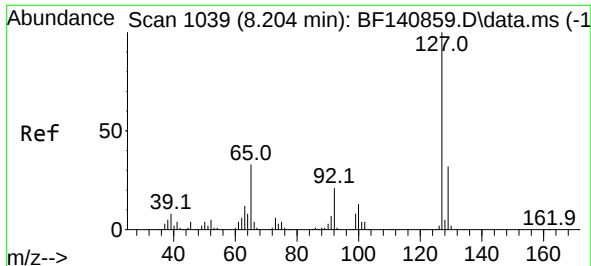
Tgt Ion:128 Resp: 697489
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 43.605 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.017 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:122 Resp: 112073
Ion Ratio Lower Upper
122 100
105 123.8 108.3 148.3
77 95.7 78.8 118.8

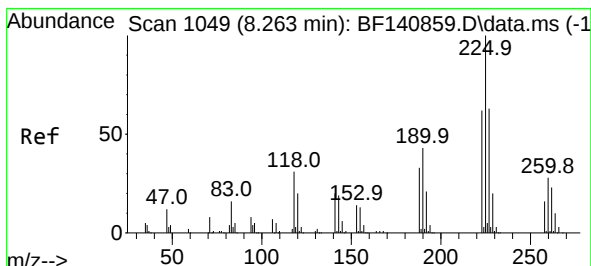
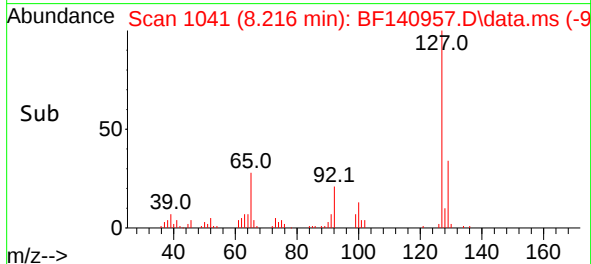
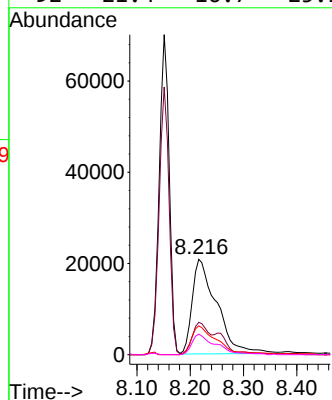
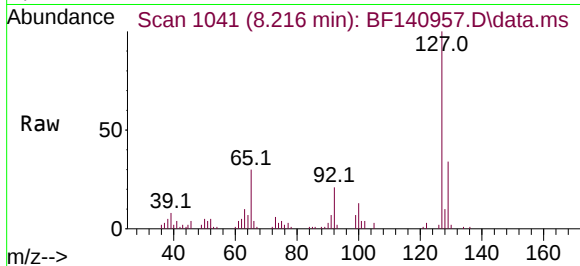




#33
4-Chloroaniline
Concen: 14.768 ng
RT: 8.216 min Scan# 1041
Delta R.T. 0.012 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

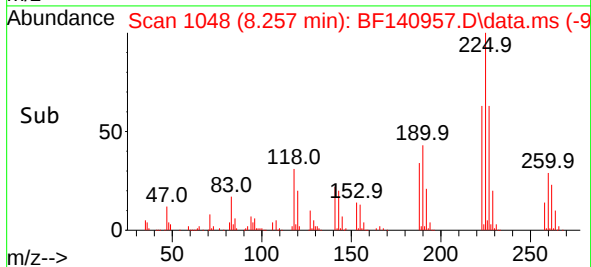
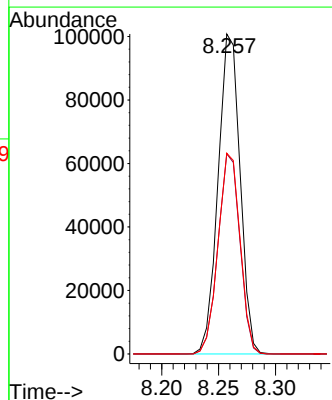
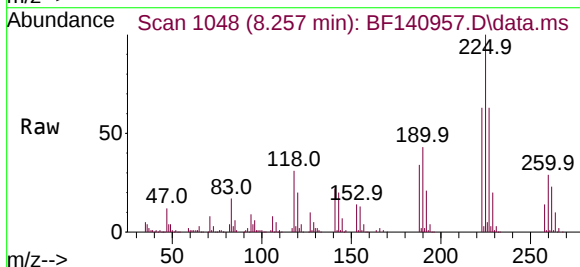
Instrument :
BNA_F
ClientSampleId :
TP-5MS

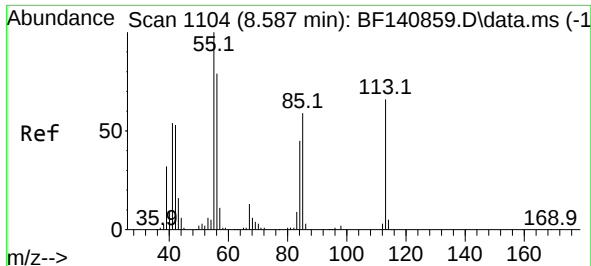
Tgt Ion:	127	Resp:	66294
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.0	39.0
65	30.1	26.0	39.0
92	21.4	16.7	25.1



#34
Hexachlorobutadiene
Concen: 47.014 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:	225	Resp:	135668
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.6	74.4
227	62.7	50.7	76.1

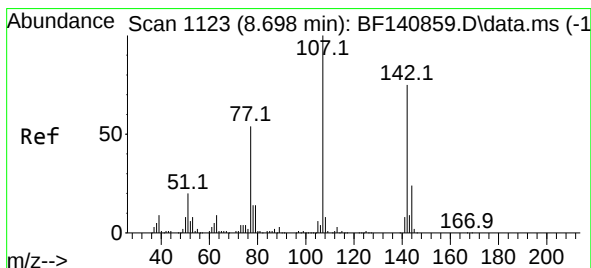
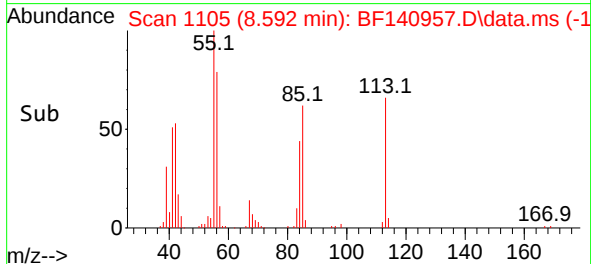
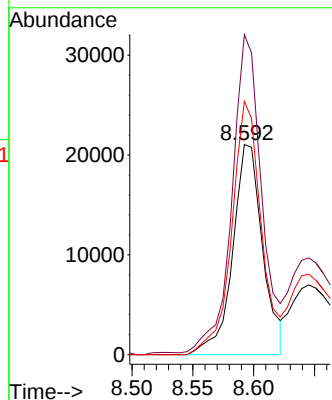
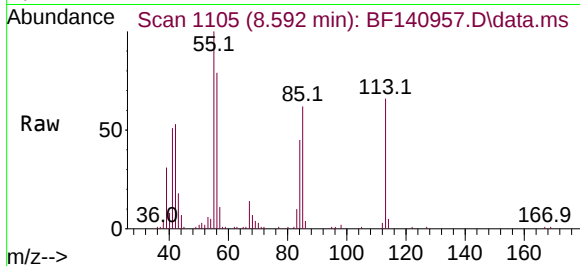




#35
 Caprolactam
 Concen: 32.395 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF140957.D
 Acq: 20 Dec 2024 18:06

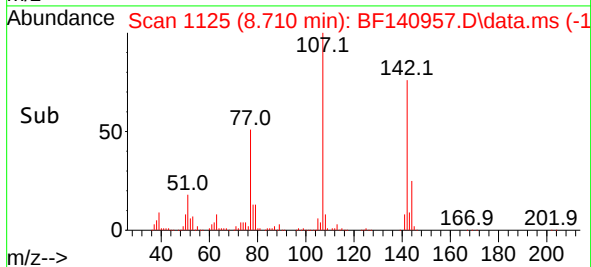
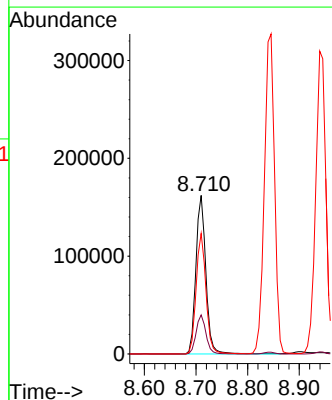
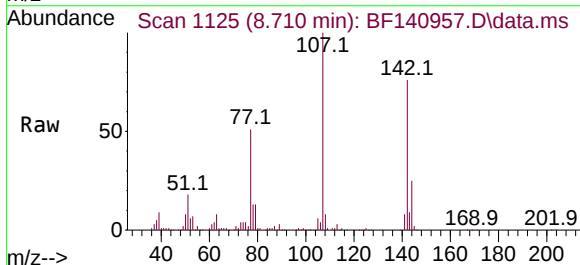
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

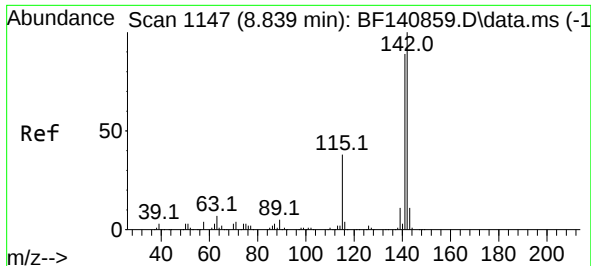
Tgt Ion:113 Resp: 36084
 Ion Ratio Lower Upper
 113 100
 55 152.3 132.3 172.3
 56 120.6 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.615 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.012 min
 Lab File: BF140957.D
 Acq: 20 Dec 2024 18:06

Tgt Ion:107 Resp: 217358
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.4 29.2
 142 76.0 60.3 90.5

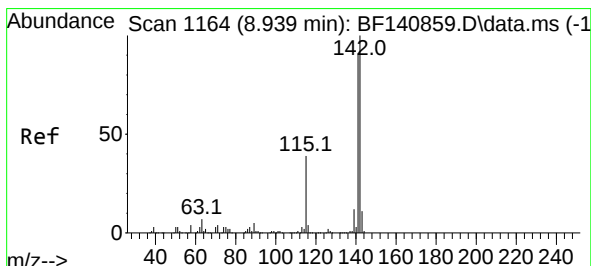
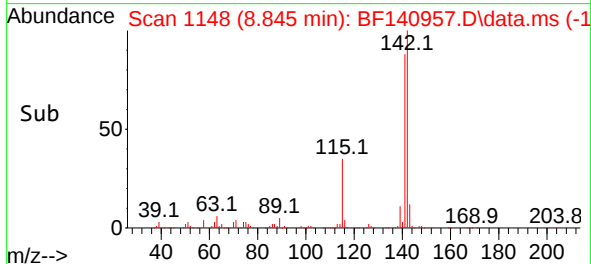
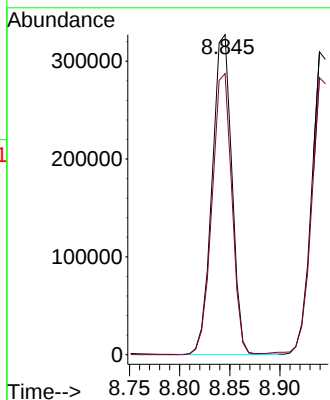
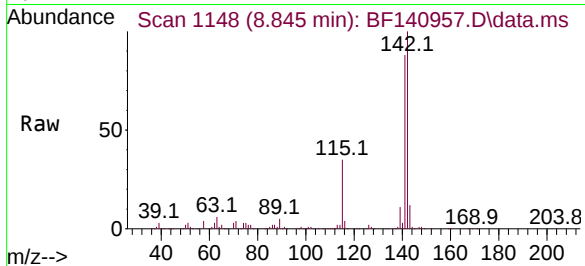




#37
2-Methylnaphthalene
Concen: 49.882 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

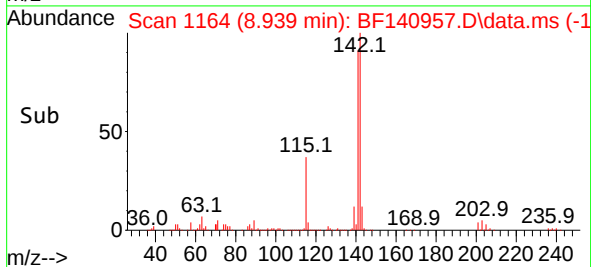
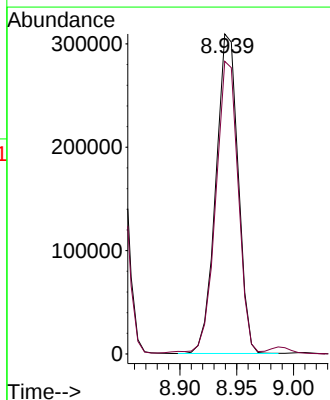
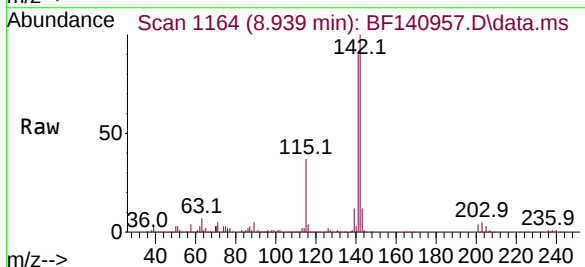
Instrument :
BNA_F
ClientSampleId :
TP-5MS

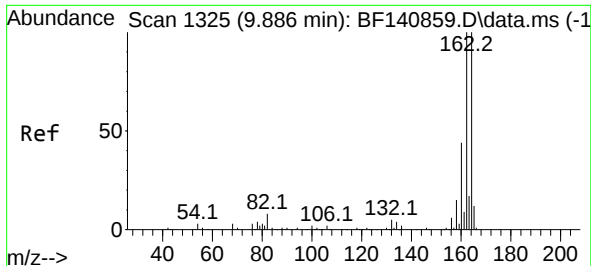
Tgt Ion:142 Resp: 445995
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.660 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:142 Resp: 421436
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

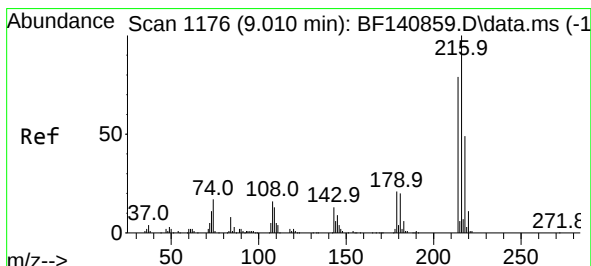
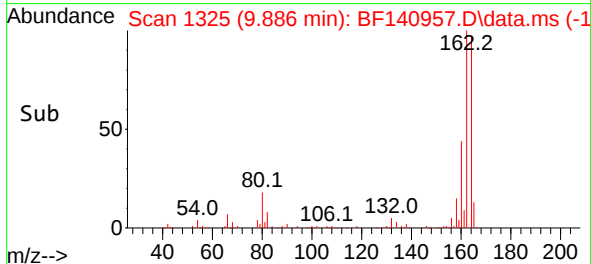
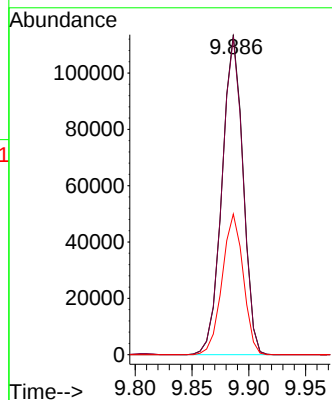
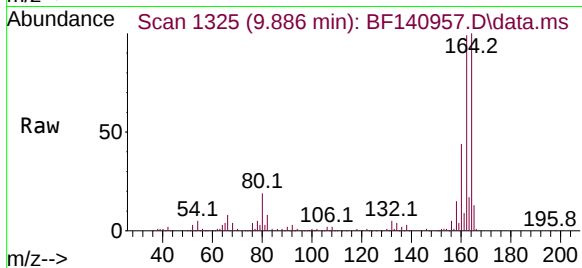
Tgt Ion:164 Resp: 146011

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

160 43.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.385 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Tgt Ion:216 Resp: 221633

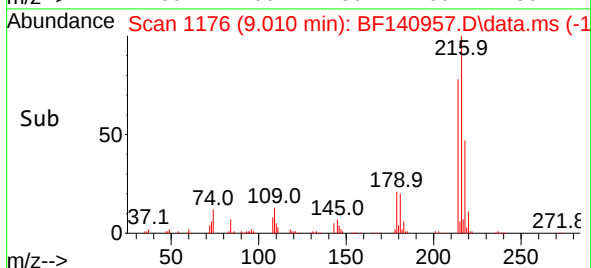
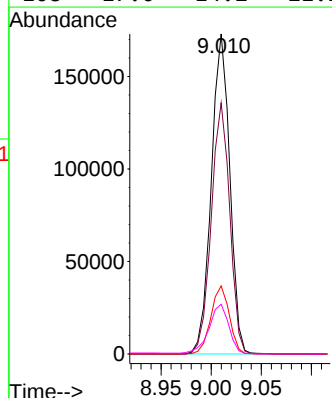
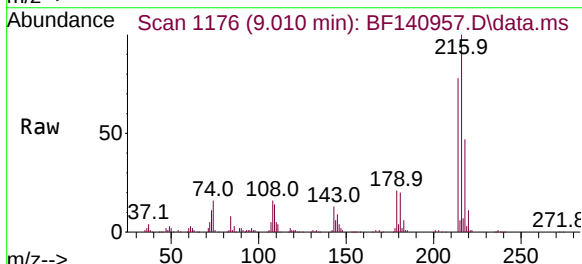
Ion Ratio Lower Upper

216 100

214 78.5 63.6 95.4

179 21.2 17.0 25.4

108 17.0 14.2 21.2

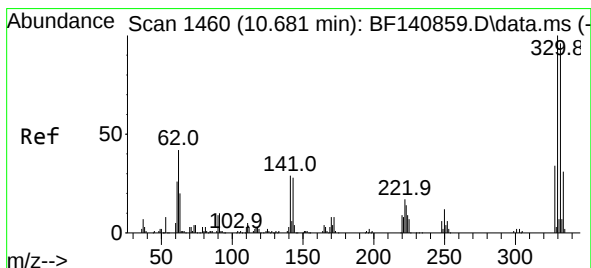
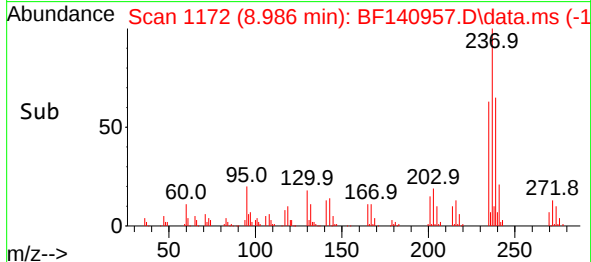
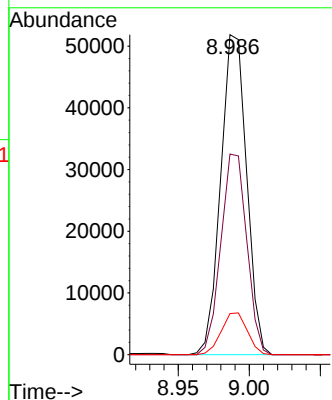
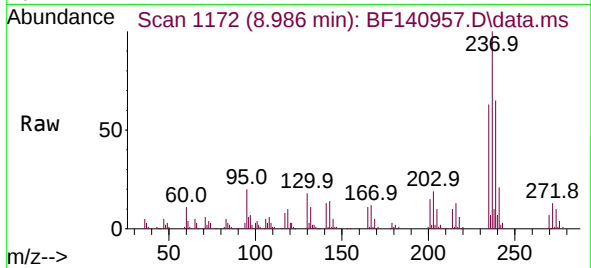




#41
Hexachlorocyclopentadiene
Concen: 53.222 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

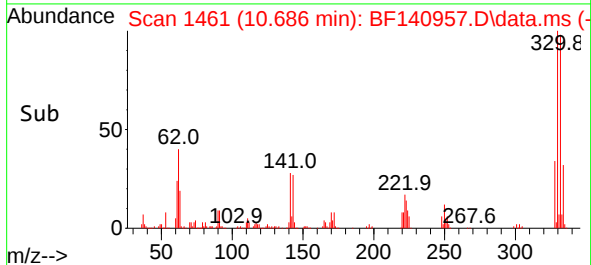
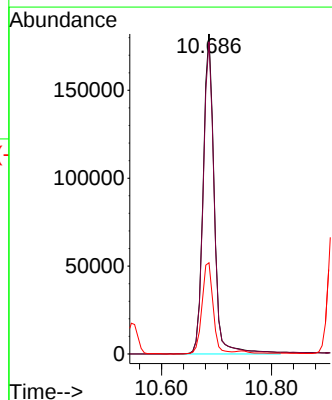
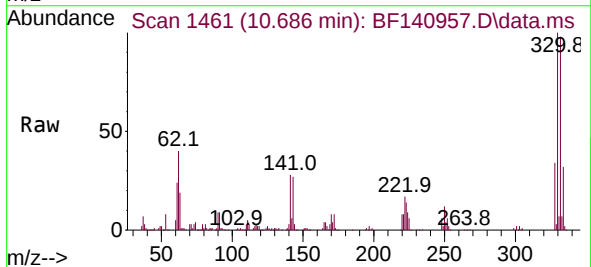
Instrument :
BNA_F
ClientSampleId :
TP-5MS

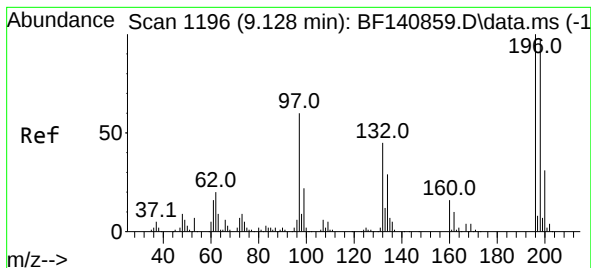
Tgt Ion:237 Resp: 65804
Ion Ratio Lower Upper
237 100
235 62.7 43.7 83.7
272 12.8 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 147.674 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:330 Resp: 255018
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 28.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 50.589 ng

RT: 9.133 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

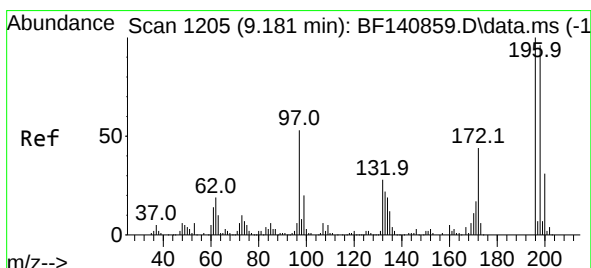
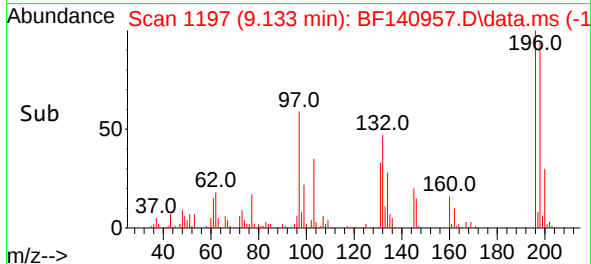
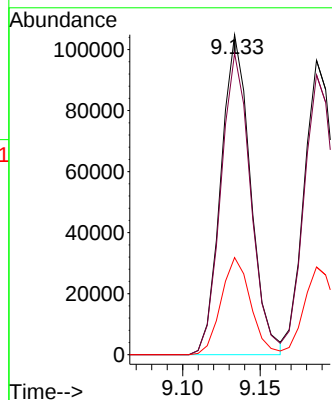
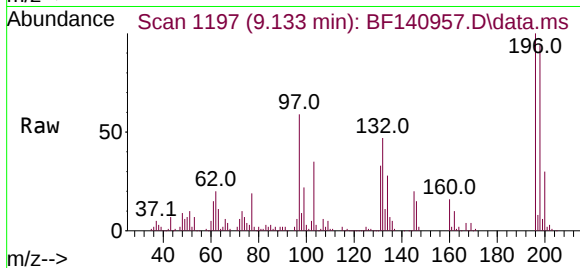
Tgt Ion:196 Resp: 139019

Ion Ratio Lower Upper

196 100

198 94.2 77.4 116.0

200 30.4 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 50.298 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Tgt Ion:196 Resp: 151923

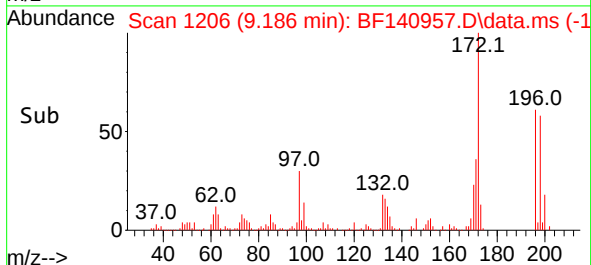
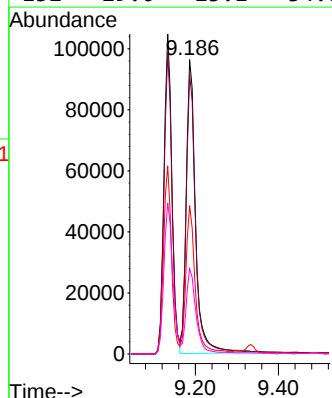
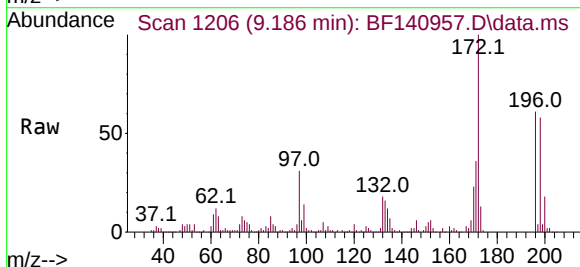
Ion Ratio Lower Upper

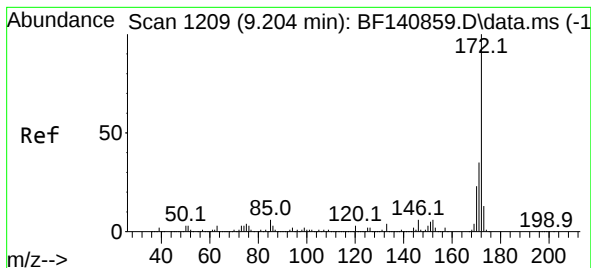
196 100

198 95.1 77.2 115.8

97 50.4 42.2 63.4

132 29.0 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 96.956 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

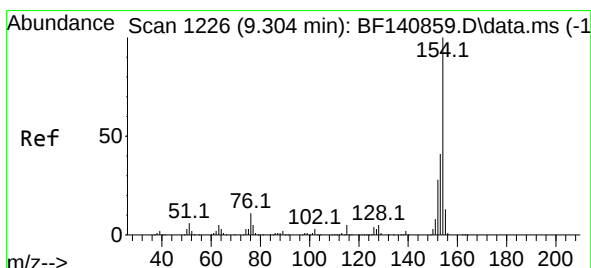
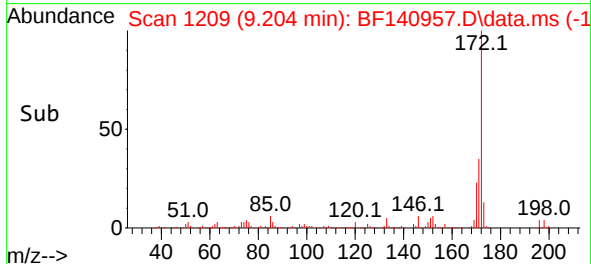
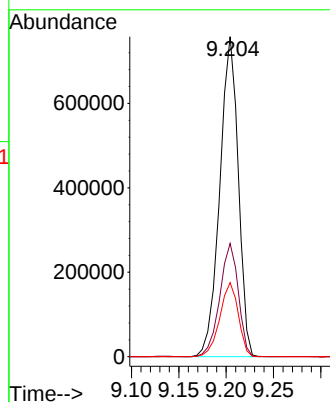
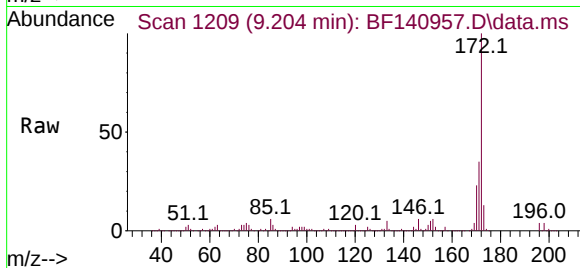
Tgt Ion:172 Resp: 1029686

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 50.107 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

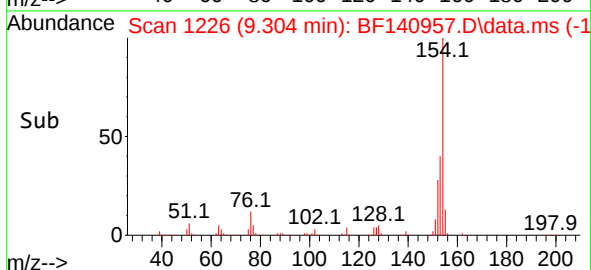
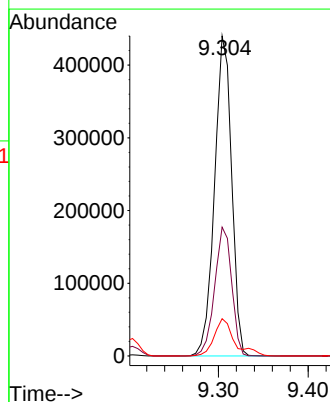
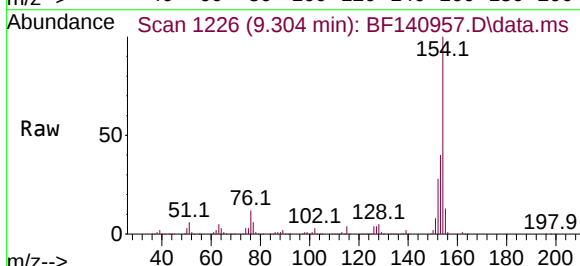
Tgt Ion:154 Resp: 581768

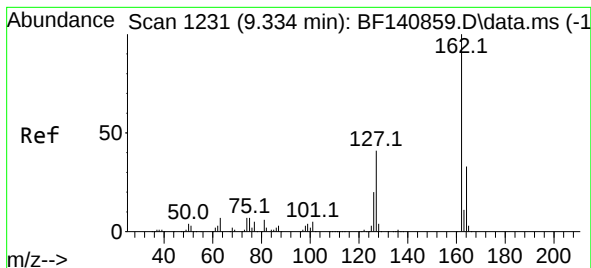
Ion Ratio Lower Upper

154 100

153 40.3 20.8 60.8

76 11.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.326 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

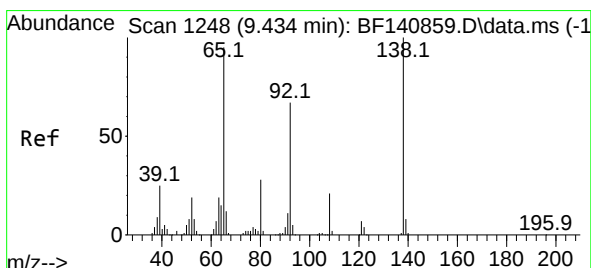
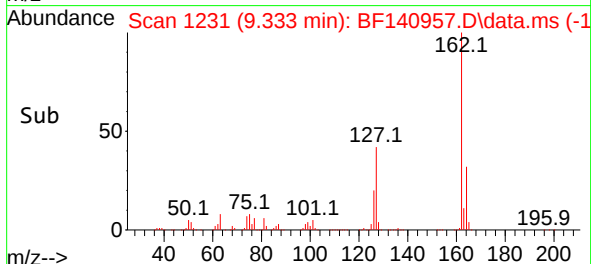
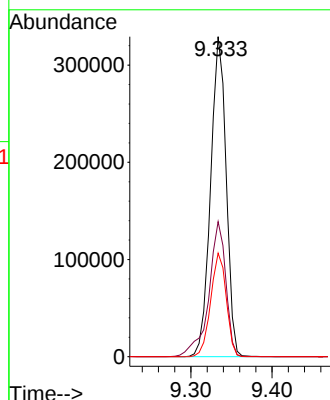
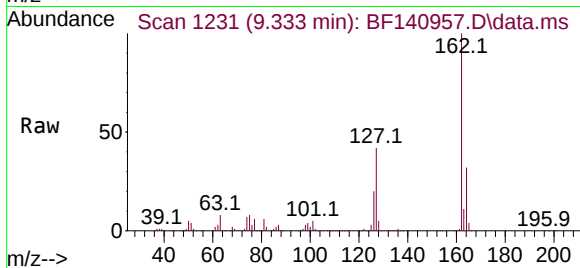
Tgt Ion:162 Resp: 438130

Ion Ratio Lower Upper

162 100

127 42.2 33.5 50.3

164 32.4 26.2 39.2



#48

2-Nitroaniline

Concen: 52.707 ng

RT: 9.439 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

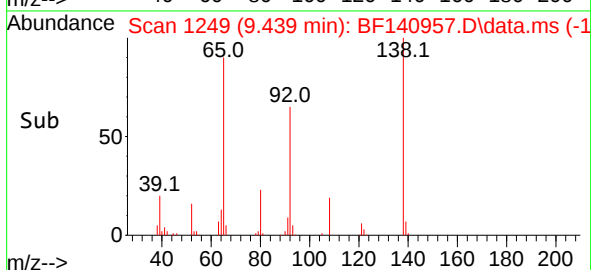
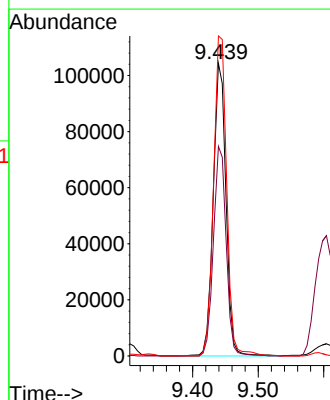
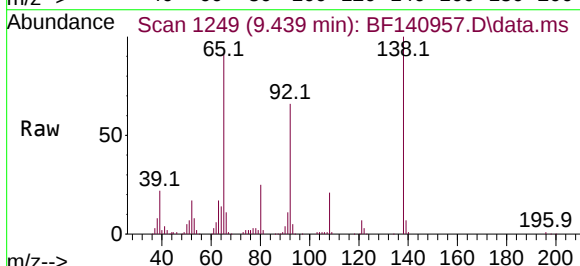
Tgt Ion: 65 Resp: 141388

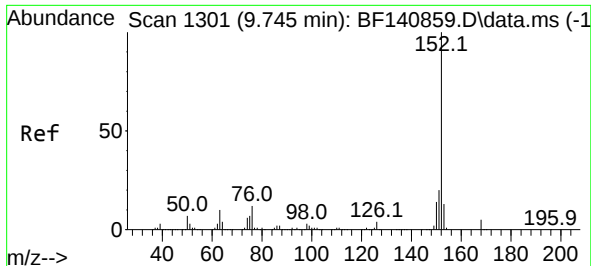
Ion Ratio Lower Upper

65 100

92 71.7 56.3 84.5

138 109.4 83.8 125.6





#49

Acenaphthylene

Concen: 57.206 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

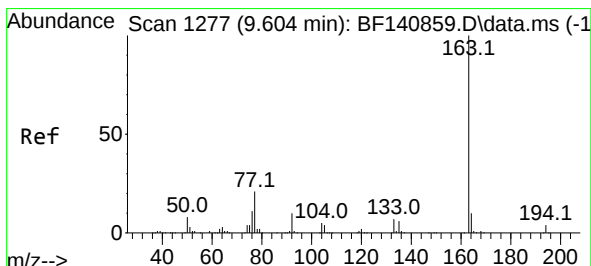
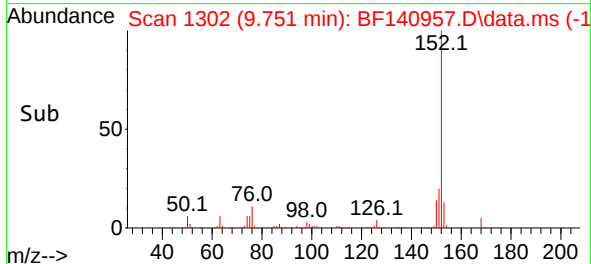
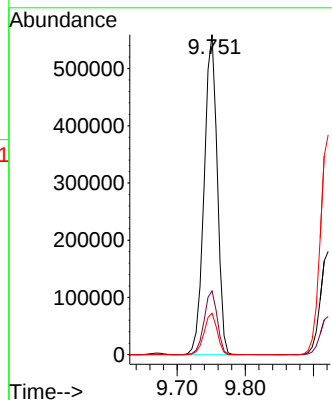
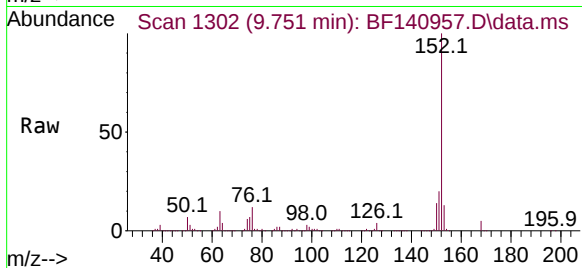
Tgt Ion:152 Resp: 746714

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 12.9 10.6 16.0



#50

Dimethylphthalate

Concen: 54.121 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

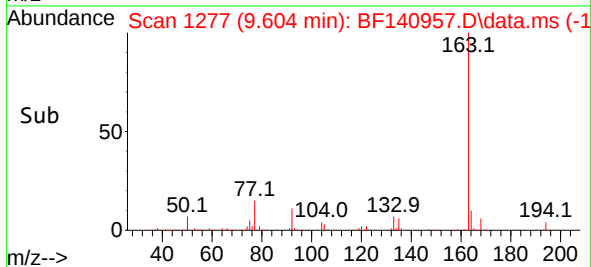
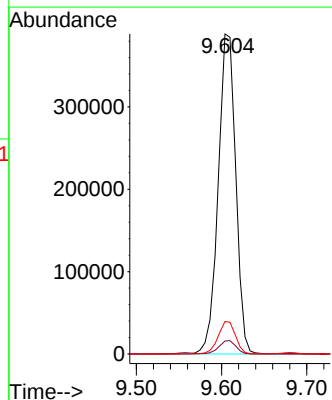
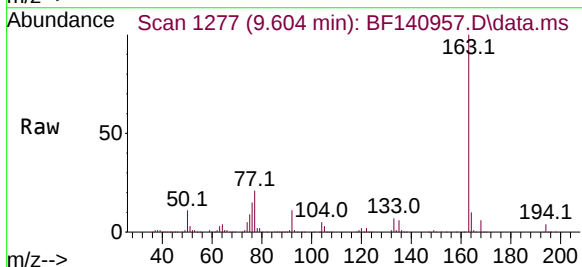
Tgt Ion:163 Resp: 557124

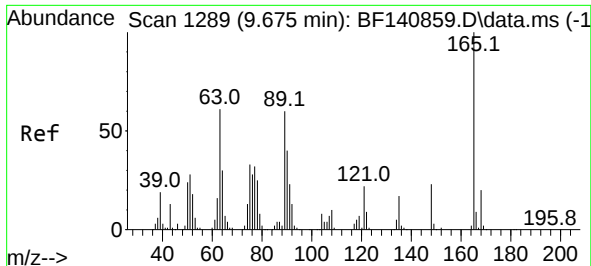
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 8.1 12.1

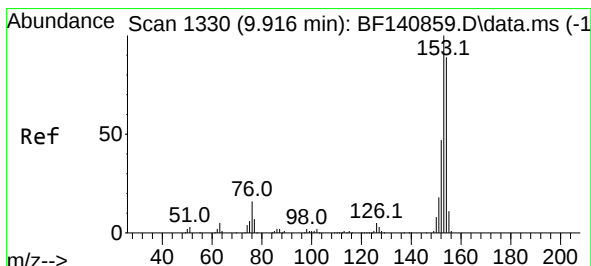
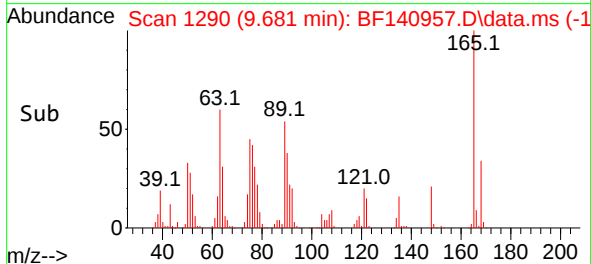
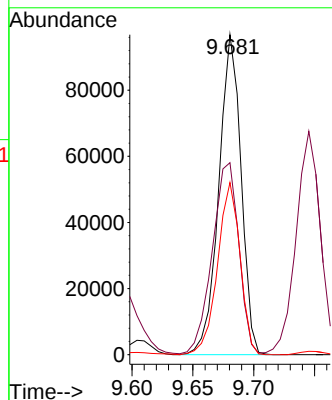
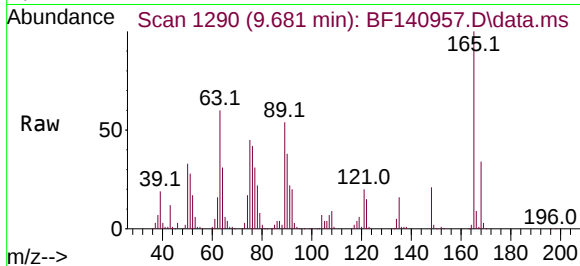




#51
2,6-Dinitrotoluene
Concen: 52.370 ng
RT: 9.681 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

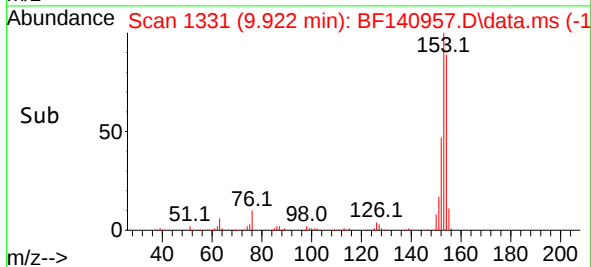
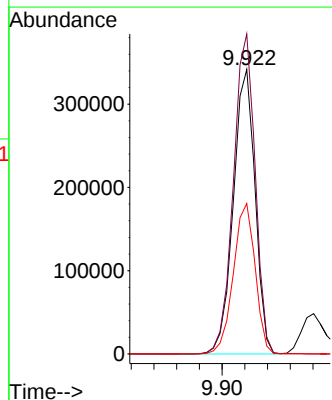
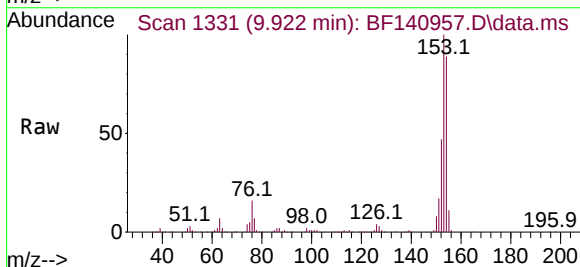
Instrument :
BNA_F
ClientSampleId :
TP-5MS

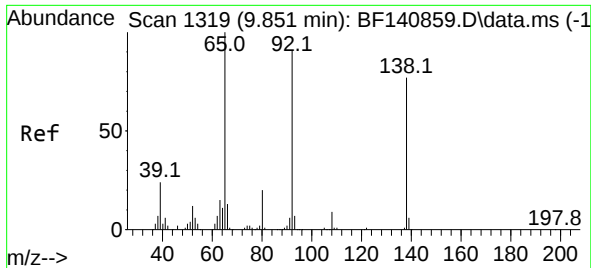
Tgt Ion:165 Resp: 123243
Ion Ratio Lower Upper
165 100
63 60.0 49.7 74.5
89 53.8 48.2 72.4



#52
Acenaphthene
Concen: 54.548 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:154 Resp: 454822
Ion Ratio Lower Upper
154 100
153 112.5 89.9 134.9
152 52.9 42.6 63.8

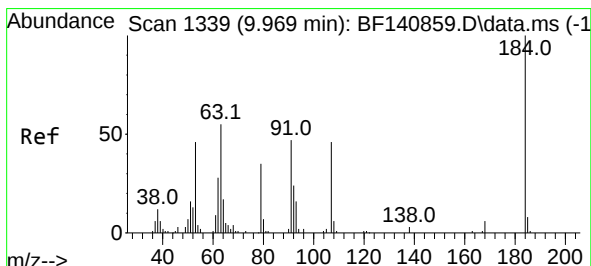
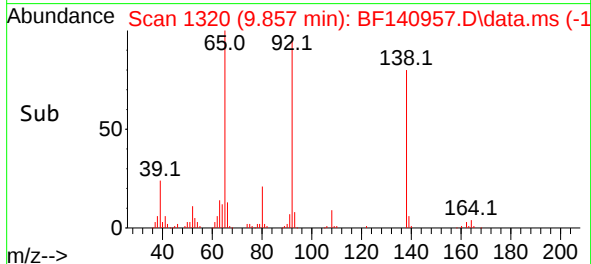
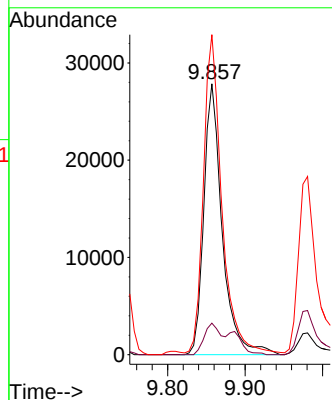
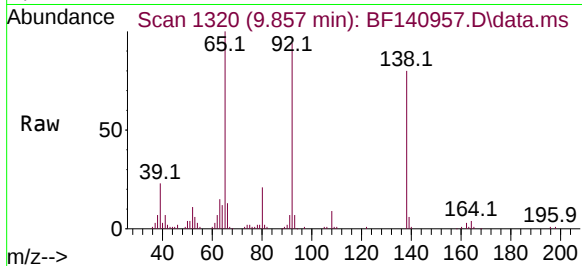




#53
3-Nitroaniline
Concen: 19.682 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

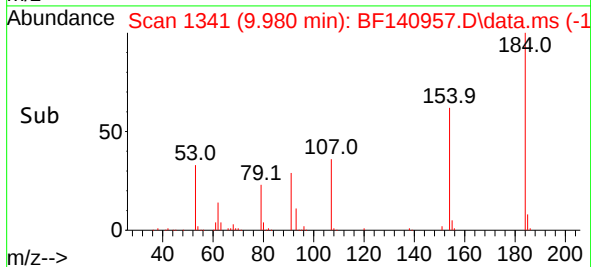
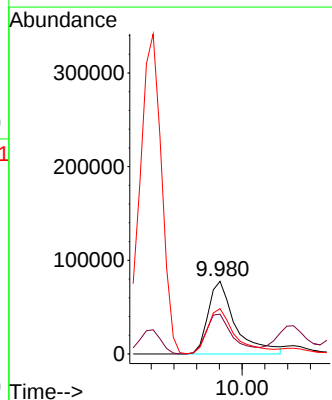
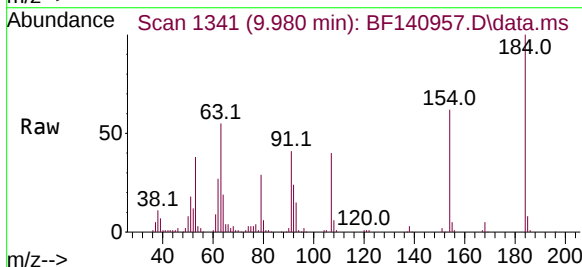
Instrument :
BNA_F
ClientSampleId :
TP-5MS

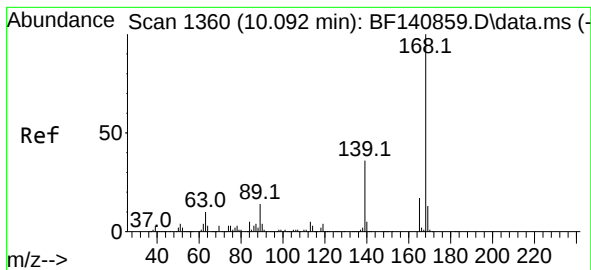
Tgt Ion:138 Resp: 45966
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 118.1 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 110.271 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:184 Resp: 129713
Ion Ratio Lower Upper
184 100
63 54.7 51.6 77.4
154 62.4 56.1 84.1





#55

Dibenzofuran

Concen: 50.980 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

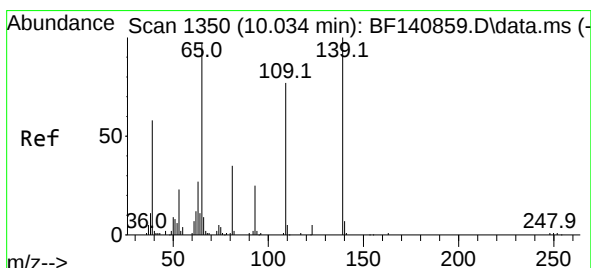
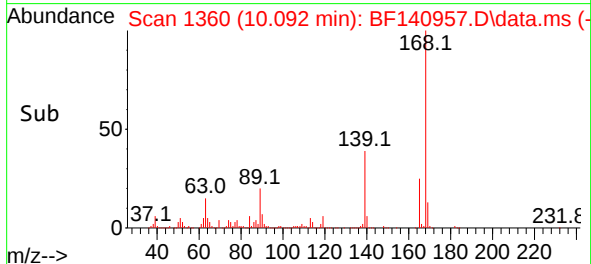
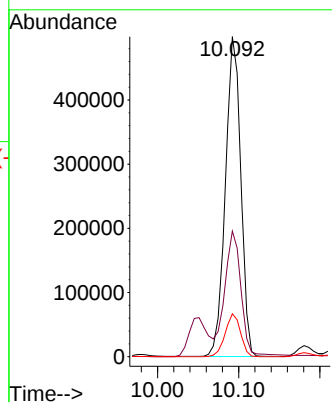
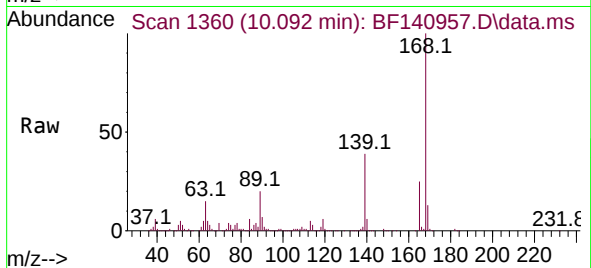
Tgt Ion:168 Resp: 658684

Ion Ratio Lower Upper

168 100

139 39.3 31.1 46.7

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 79.255 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.017 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

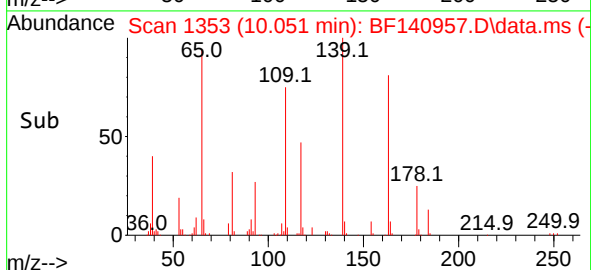
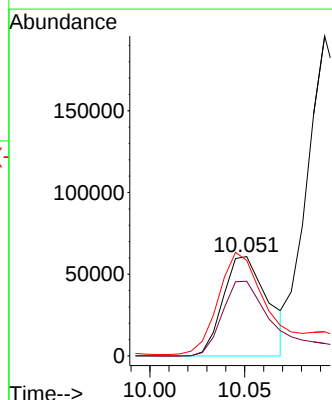
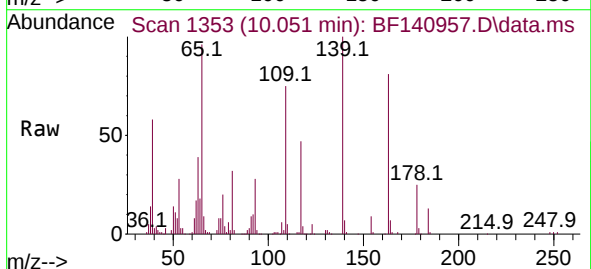
Tgt Ion:139 Resp: 99507

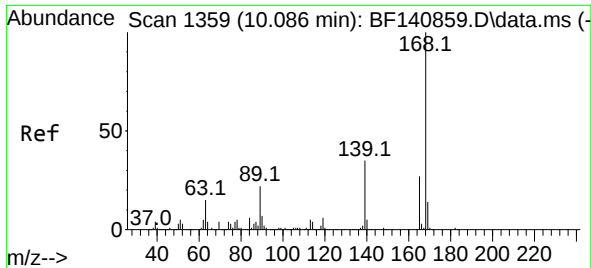
Ion Ratio Lower Upper

139 100

109 75.3 56.7 96.7

65 96.2 78.1 118.1

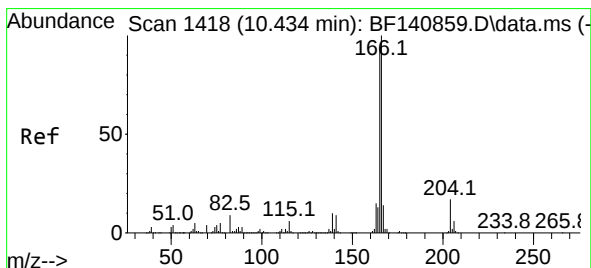
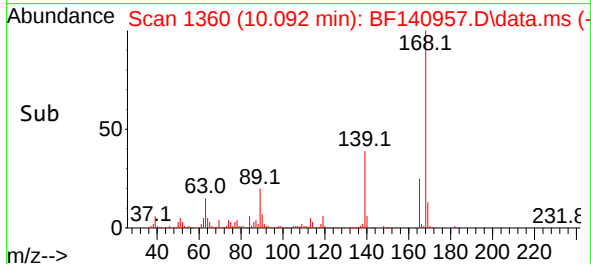
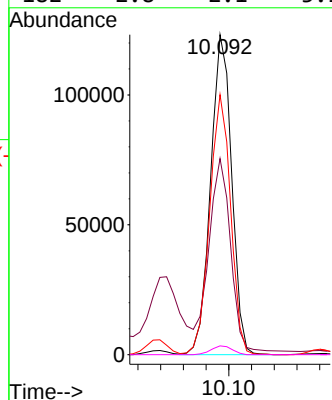
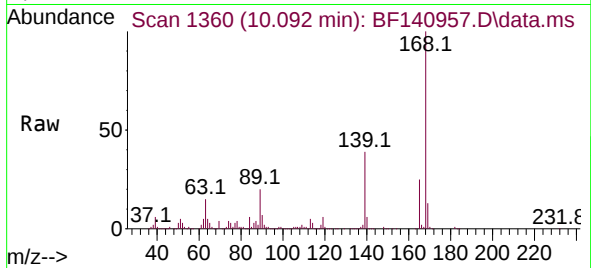




#57
2,4-Dinitrotoluene
Concen: 51.283 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

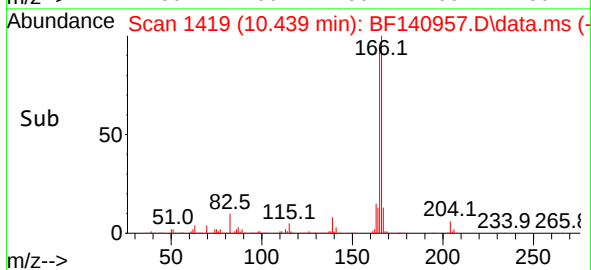
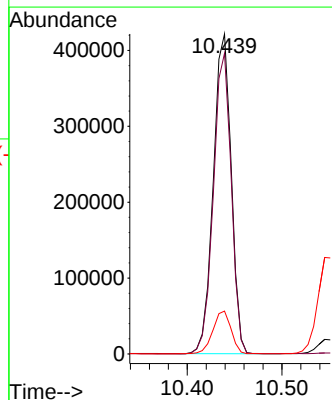
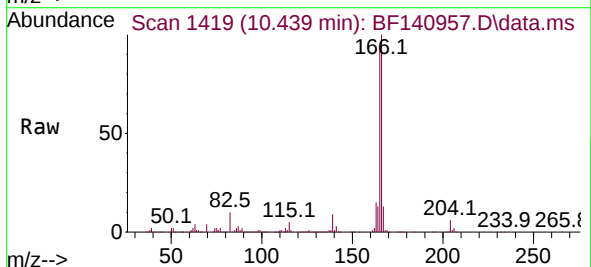
Instrument :
BNA_F
ClientSampleId :
TP-5MS

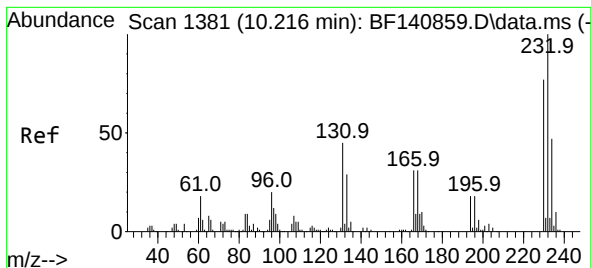
Tgt Ion:165 Resp: 158790
Ion Ratio Lower Upper
165 100
63 61.3 49.3 73.9
89 81.2 66.2 99.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 51.929 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:166 Resp: 553515
Ion Ratio Lower Upper
166 100
165 94.0 75.1 112.7
167 13.4 11.1 16.7

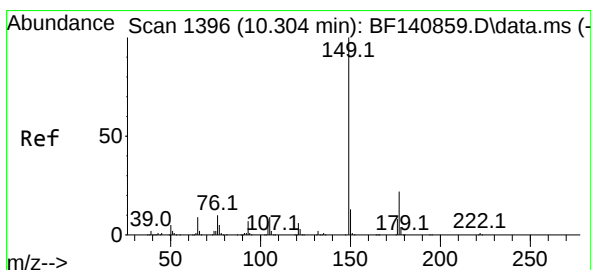
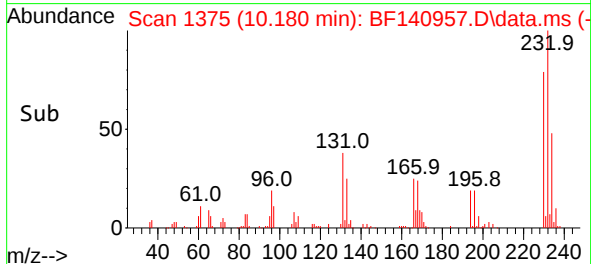
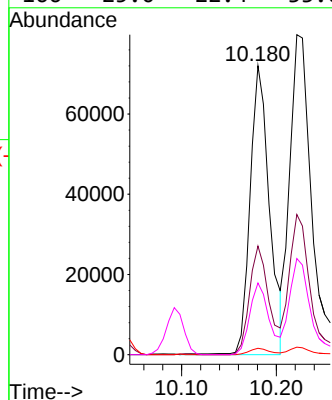
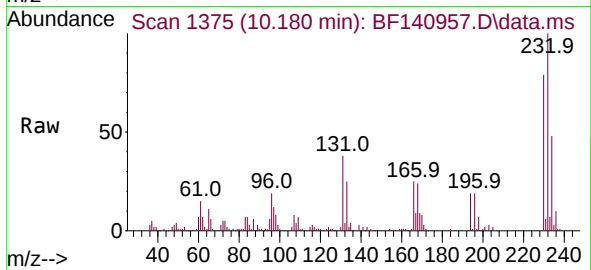




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.581 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.035 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

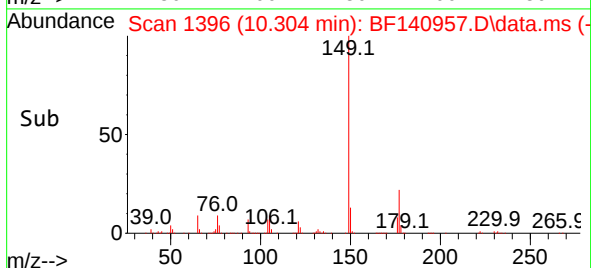
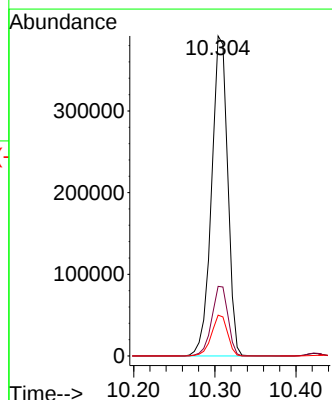
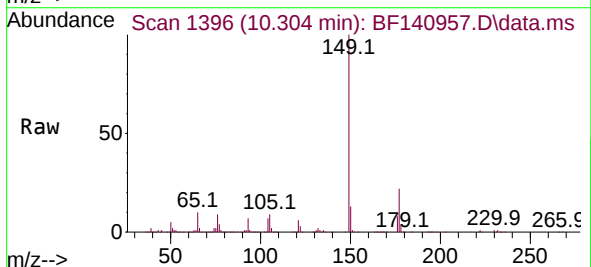
Instrument :
BNA_F
ClientSampleId :
TP-5MS

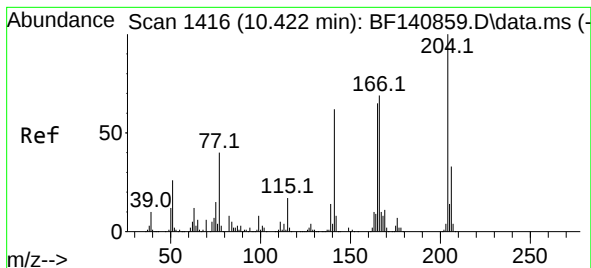
Tgt Ion:232 Resp: 102339
Ion Ratio Lower Upper
232 100
131 38.0 35.1 52.7
130 2.3 1.8 2.8
166 25.0 22.4 33.6



#60
Diethylphthalate
Concen: 50.548 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:149 Resp: 539582
Ion Ratio Lower Upper
149 100
177 21.7 17.2 25.8
150 12.8 10.1 15.1

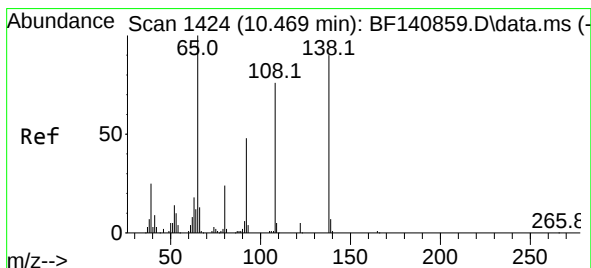
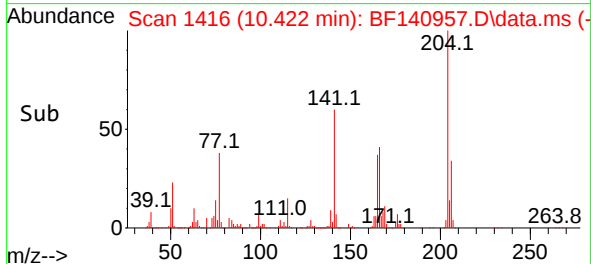
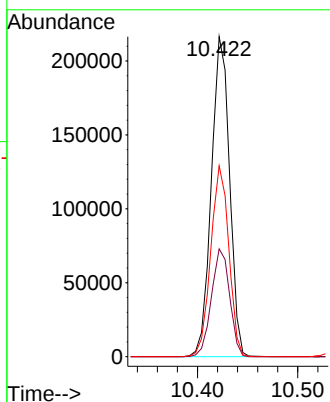
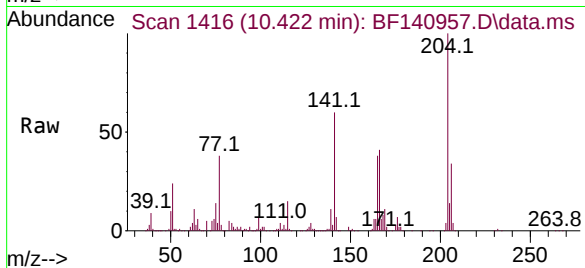




#61
4-Chlorophenyl-phenylether
Concen: 50.759 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

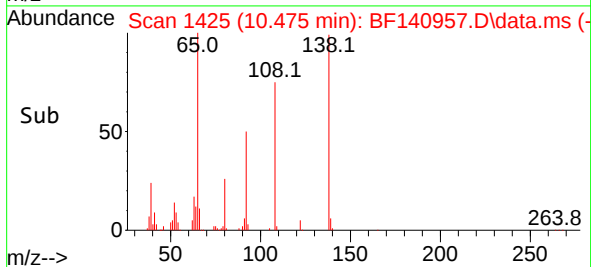
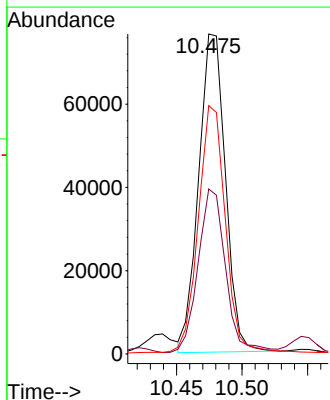
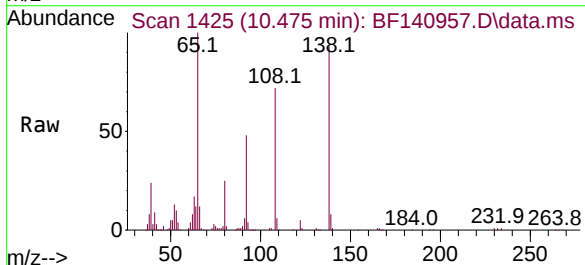
Instrument :
BNA_F
ClientSampleId :
TP-5MS

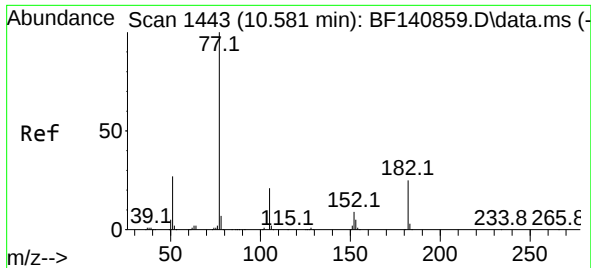
Tgt Ion:204 Resp: 271780
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 59.7 50.0 75.0



#62
4-Nitroaniline
Concen: 44.533 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:138 Resp: 108682
Ion Ratio Lower Upper
138 100
92 51.5 32.6 72.6
108 77.6 64.1 104.1

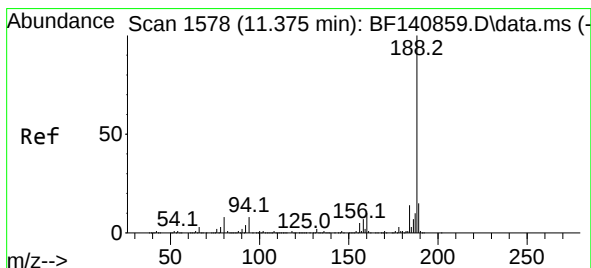
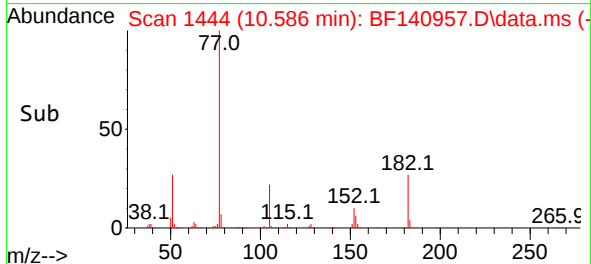
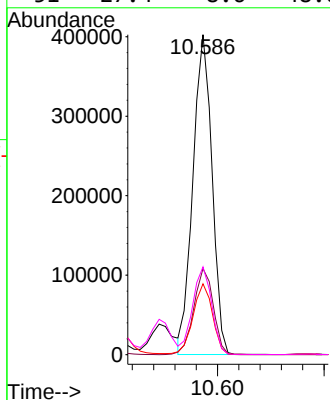
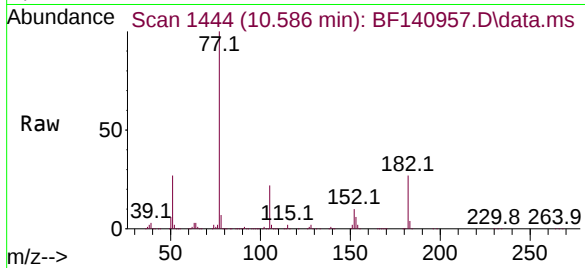




#63
Azobenzene
Concen: 49.995 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

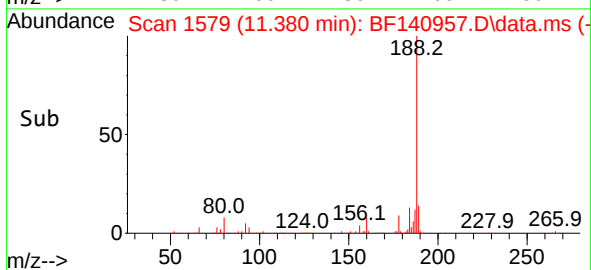
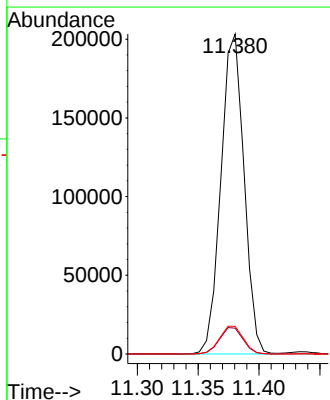
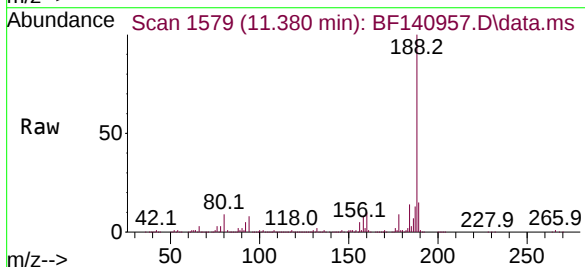
Instrument :
BNA_F
ClientSampleId :
TP-5MS

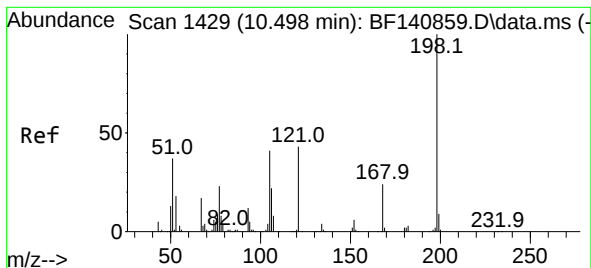
Tgt Ion: 77	Resp: 501719
Ion Ratio	Lower Upper
77 100	
182 26.9	4.5 44.5
105 22.1	0.9 40.9
51 27.4	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:188	Resp: 268415
Ion Ratio	Lower Upper
188 100	
94 8.1	6.4 9.6
80 8.6	6.8 10.2

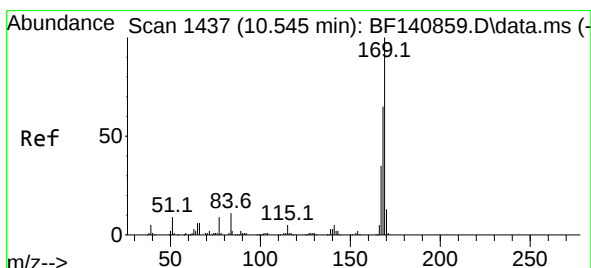
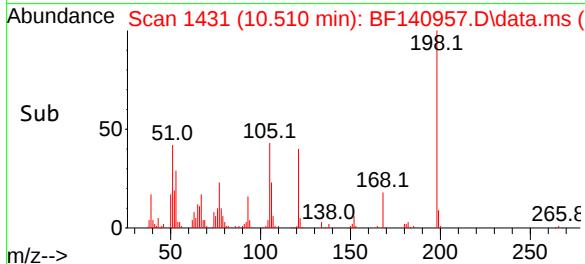
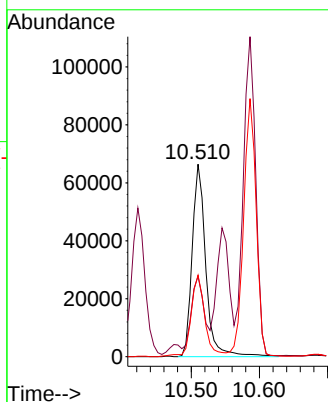
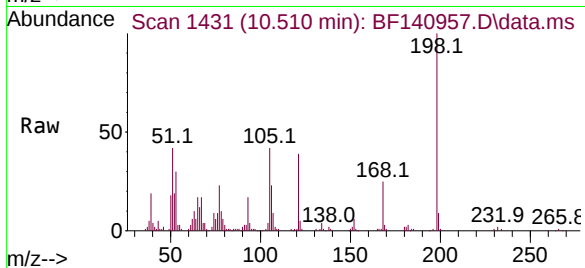




#65
4,6-Dinitro-2-methylphenol
Concen: 60.667 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

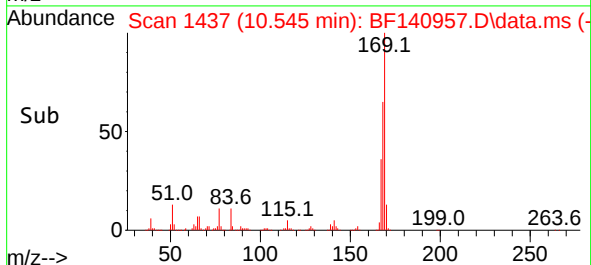
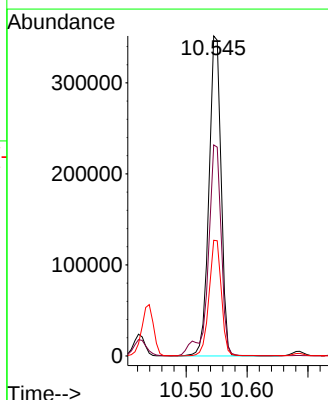
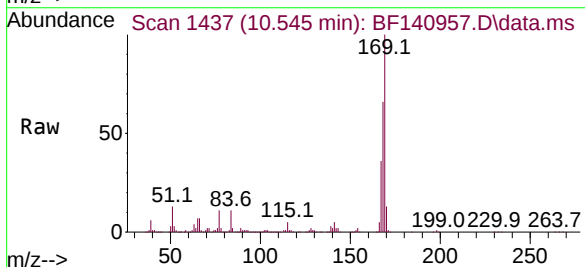
Instrument :
BNA_F
ClientSampleId :
TP-5MS

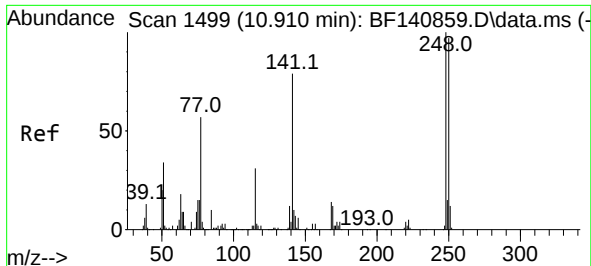
Tgt Ion:198 Resp: 92273
Ion Ratio Lower Upper
198 100
51 41.8 24.4 64.4
105 42.3 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 58.930 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:169 Resp: 486322
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.2 28.3 42.5

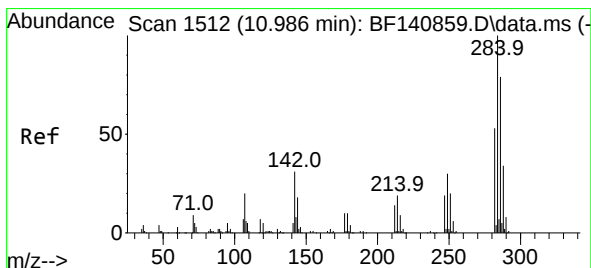
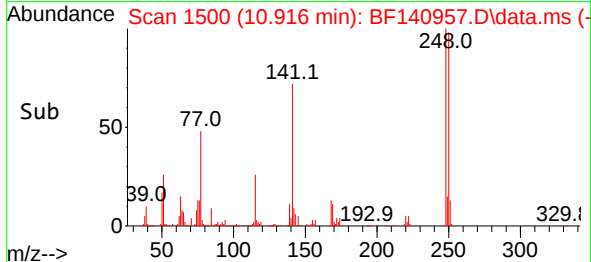
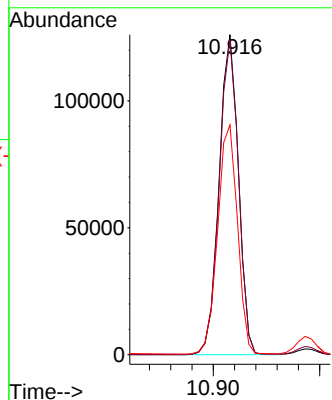
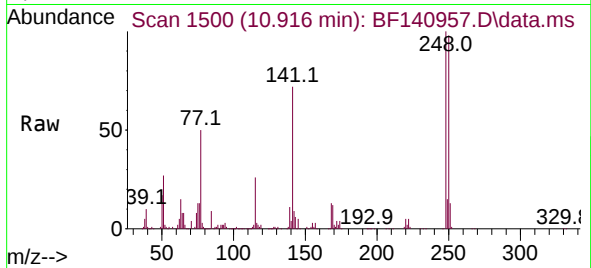




#67
4-Bromophenyl-phenylether
Concen: 52.832 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

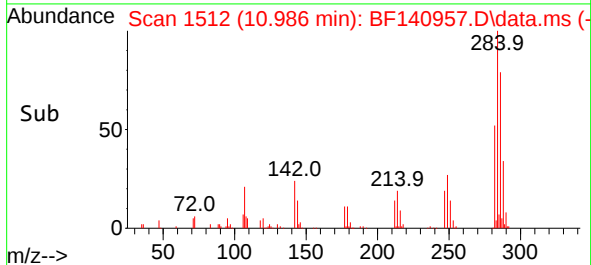
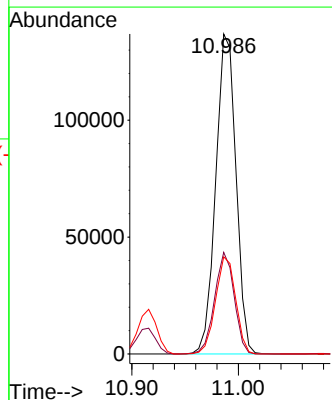
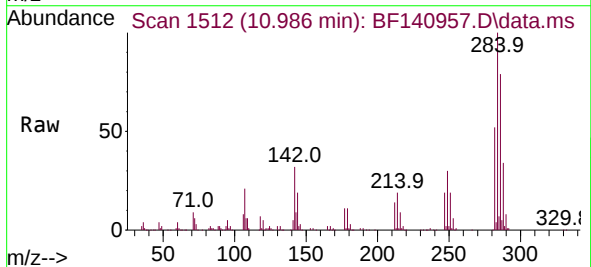
Instrument :
BNA_F
ClientSampleId :
TP-5MS

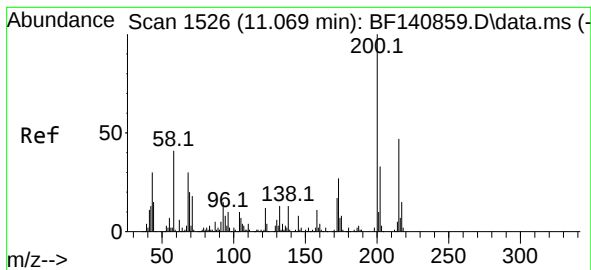
Tgt Ion:248 Resp: 158645
Ion Ratio Lower Upper
248 100
250 98.3 77.4 116.2
141 71.8 62.9 94.3



#68
Hexachlorobenzene
Concen: 52.980 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:284 Resp: 180374
Ion Ratio Lower Upper
284 100
142 31.7 24.6 36.8
249 30.3 24.3 36.5





#69

Atrazine

Concen: 67.399 ng

RT: 11.075 min Scan# 1526

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

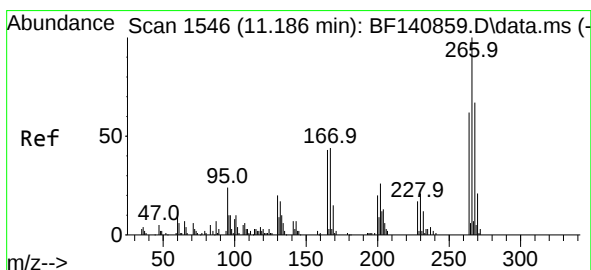
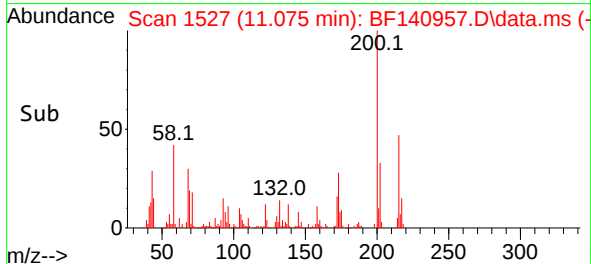
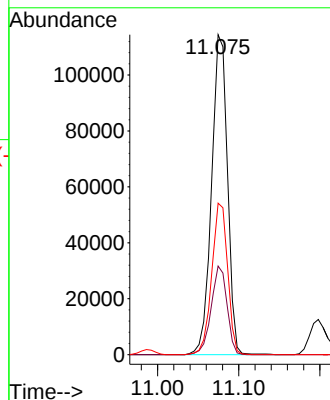
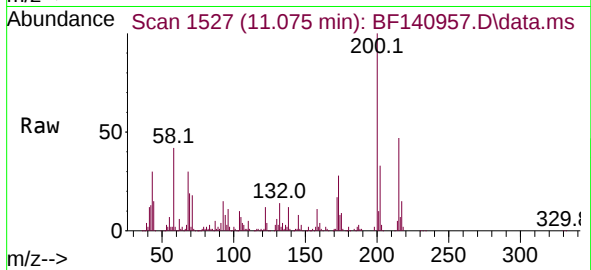
Tgt Ion:200 Resp: 155345

Ion Ratio Lower Upper

200 100

173 27.7 6.6 46.6

215 47.3 26.7 66.7



#70

Pentachlorophenol

Concen: 107.977 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

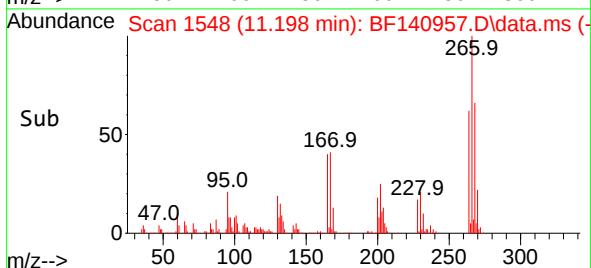
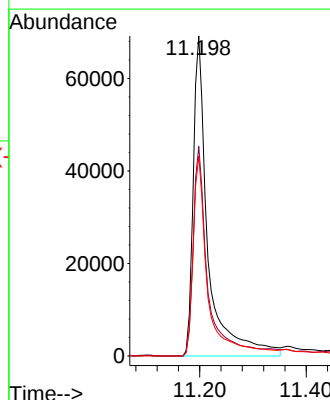
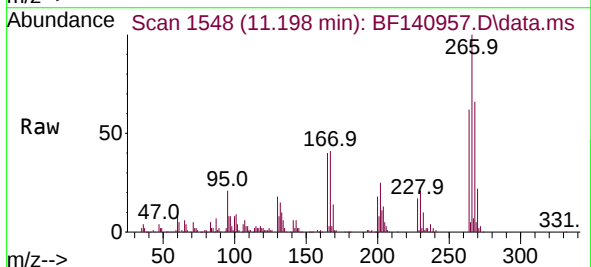
Tgt Ion:266 Resp: 134403

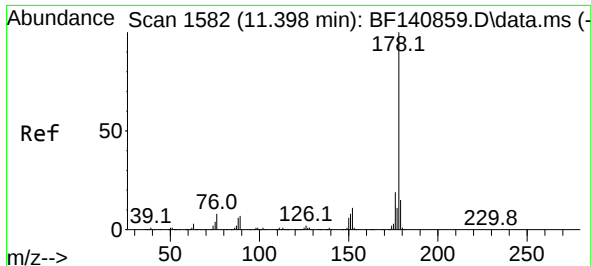
Ion Ratio Lower Upper

266 100

268 65.5 54.0 81.0

264 62.5 49.4 74.2

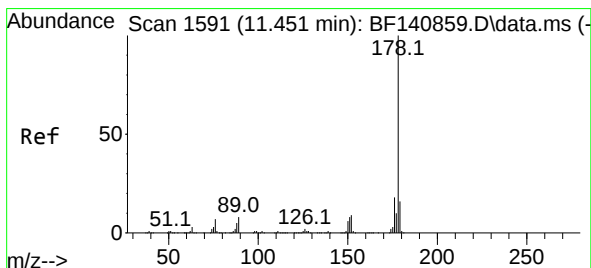
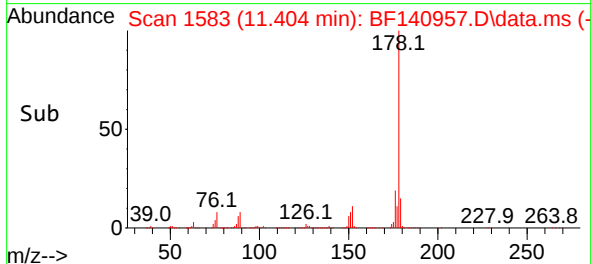
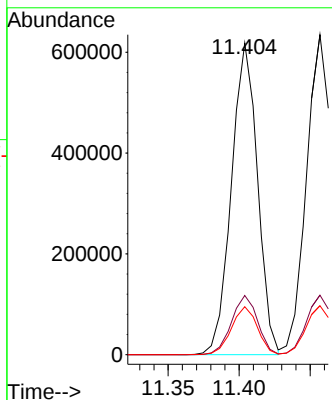
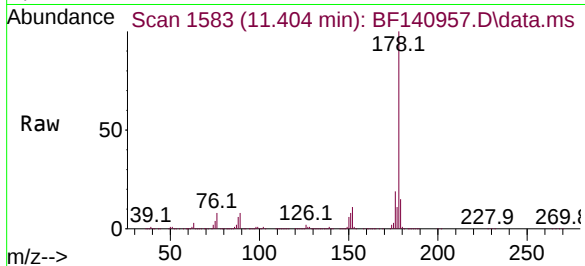




#71
Phenanthrene
Concen: 57.315 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

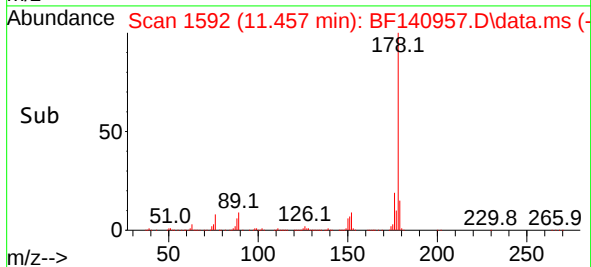
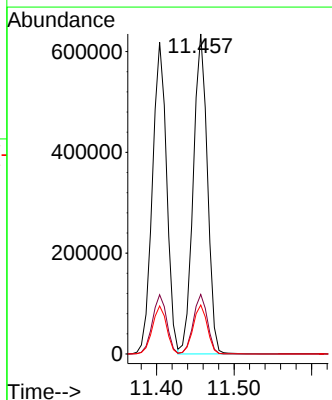
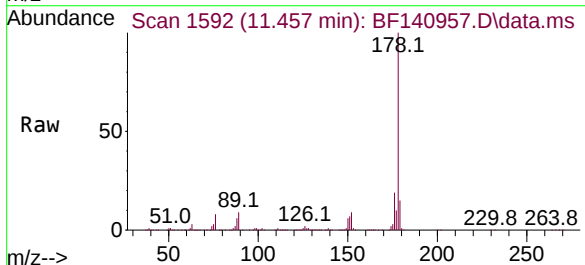
Instrument :
BNA_F
ClientSampleId :
TP-5MS

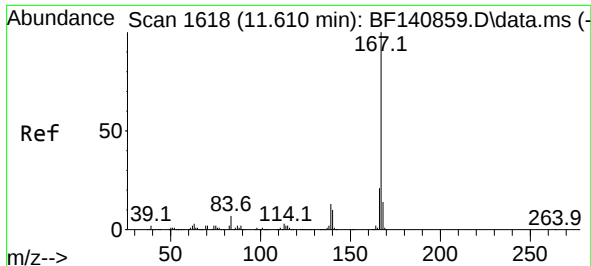
Tgt Ion:178 Resp: 791118
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.1 18.1



#72
Anthracene
Concen: 58.945 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:178 Resp: 801253
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.3 12.6 18.8

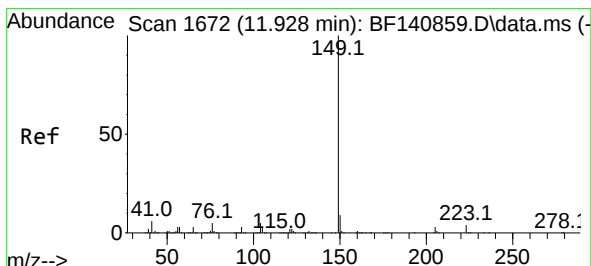
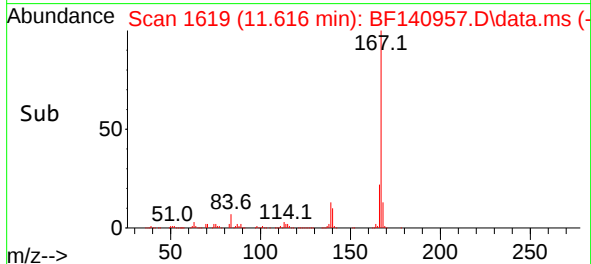
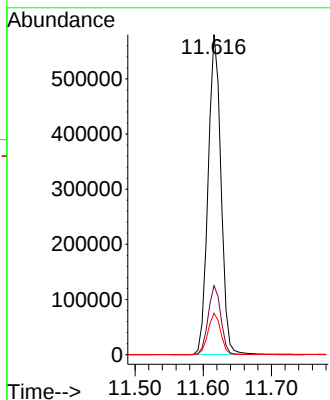
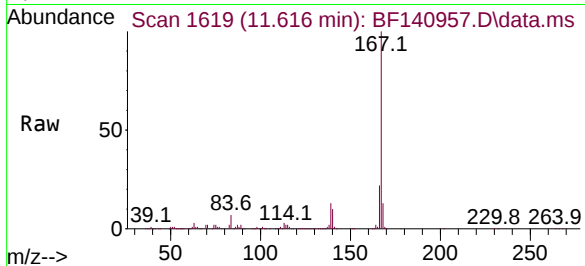




#73
Carbazole
Concen: 57.000 ng
RT: 11.616 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

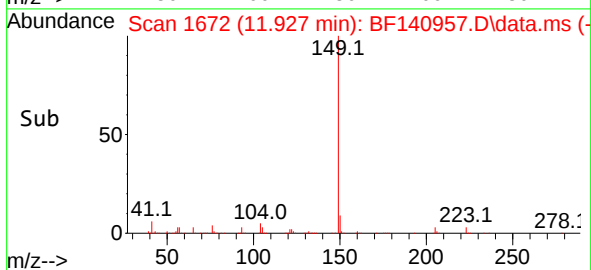
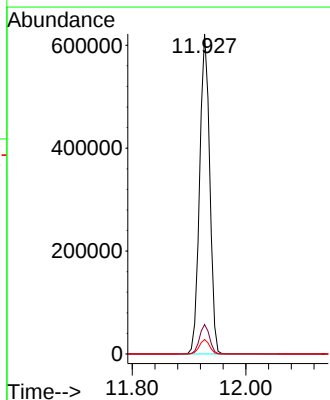
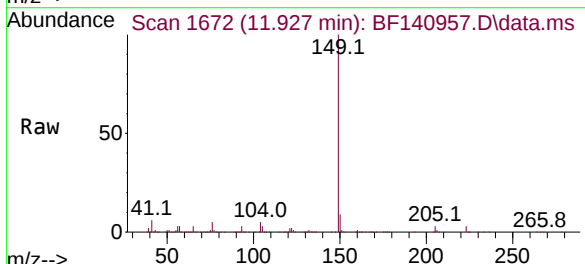
Instrument :
BNA_F
ClientSampleId :
TP-5MS

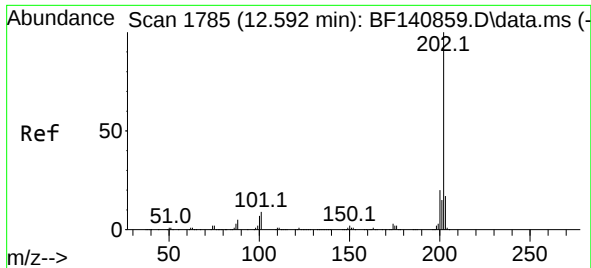
Tgt Ion:167 Resp: 758921
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.0 10.2 15.2



#74
Di-n-butylphthalate
Concen: 49.093 ng
RT: 11.927 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:149 Resp: 767118
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.5 3.8 5.8

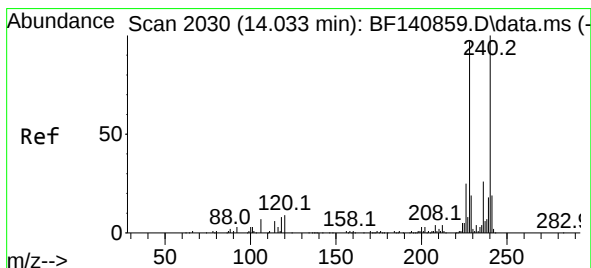
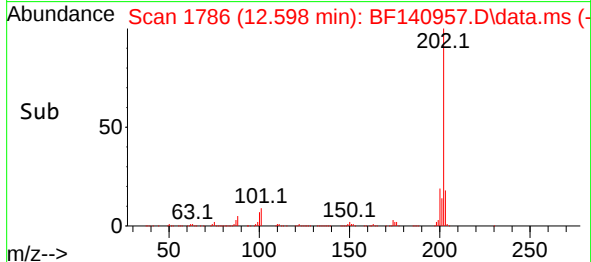
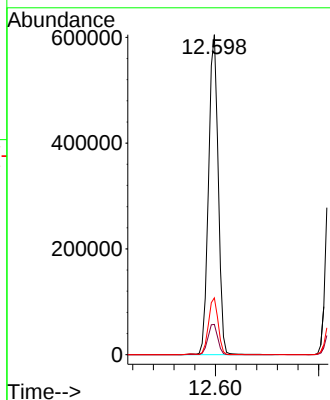
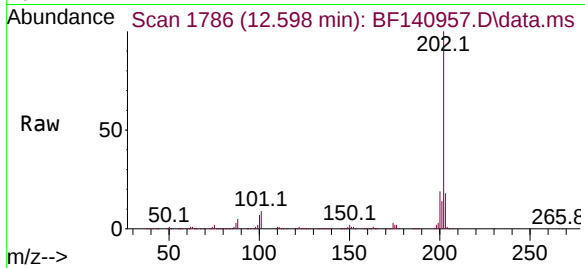




#75
Fluoranthene
Concen: 49.285 ng
RT: 12.598 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

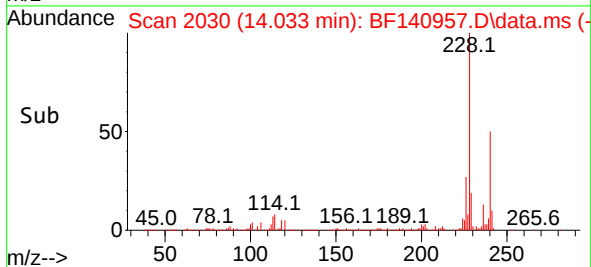
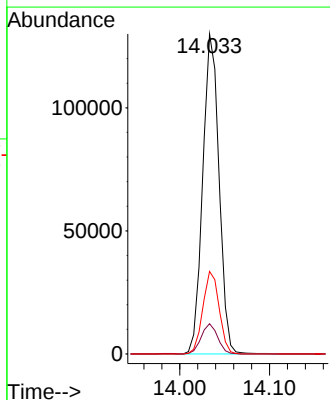
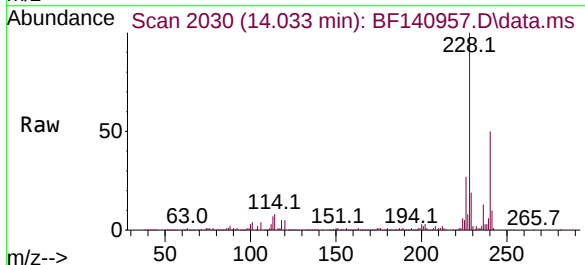
Instrument :
BNA_F
ClientSampleId :
TP-5MS

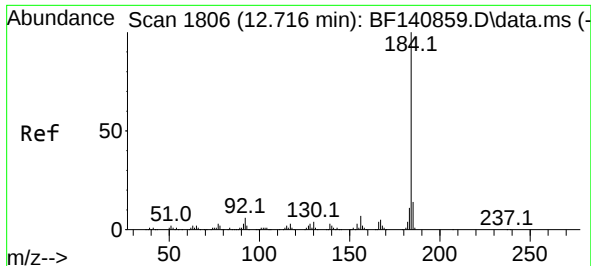
Tgt Ion:202 Resp: 783457
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:240 Resp: 164211
Ion Ratio Lower Upper
240 100
120 9.4 7.6 11.4
236 25.8 20.5 30.7

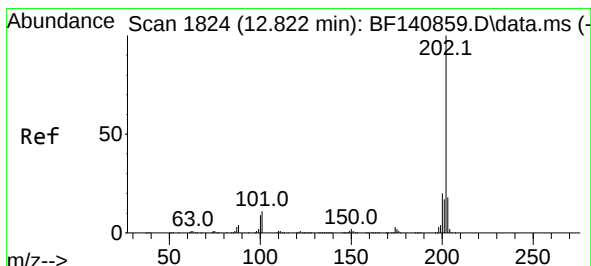
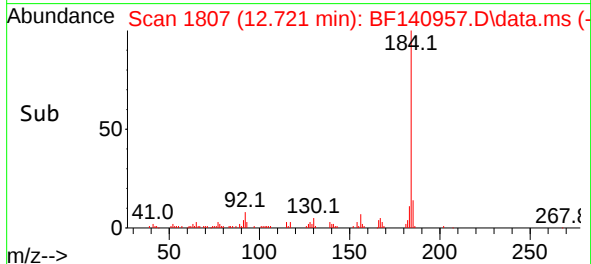
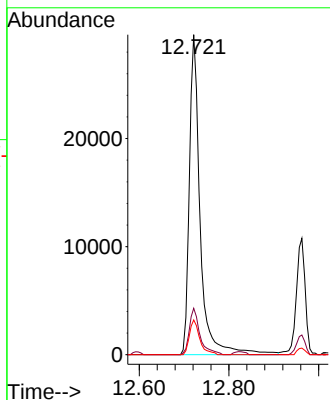
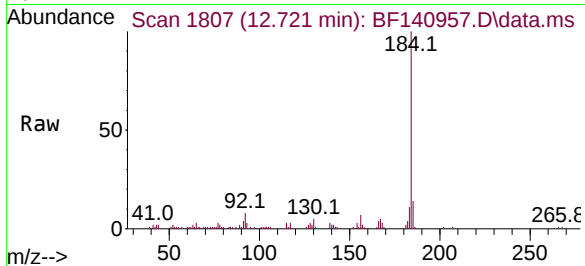




#77
Benzidine
Concen: 14.814 ng
RT: 12.721 min Scan# 1807
Delta R.T. 0.005 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

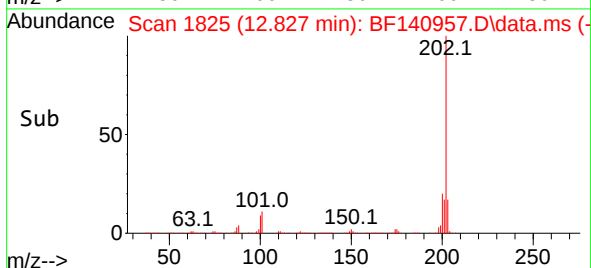
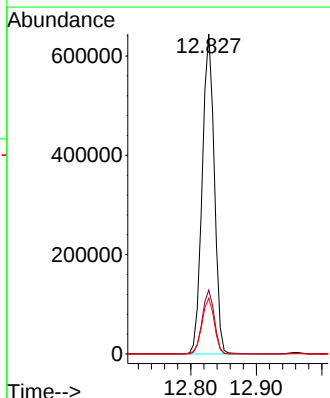
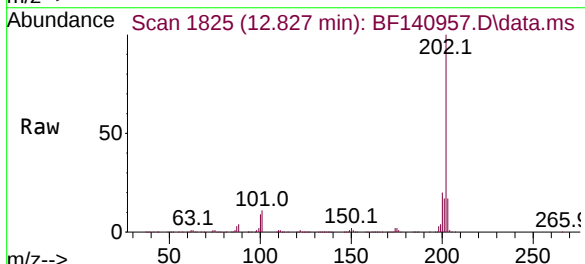
Instrument :
BNA_F
ClientSampleId :
TP-5MS

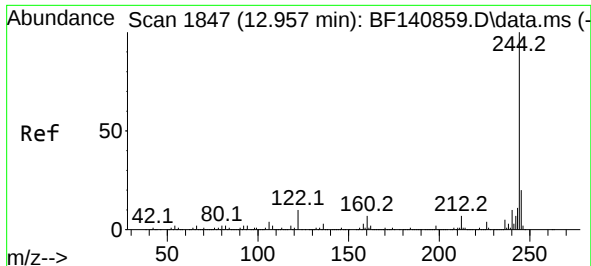
Tgt Ion:184 Resp: 49650
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 10.8 9.0 13.4



#78
Pyrene
Concen: 56.573 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:202 Resp: 826114
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.4 14.2 21.4

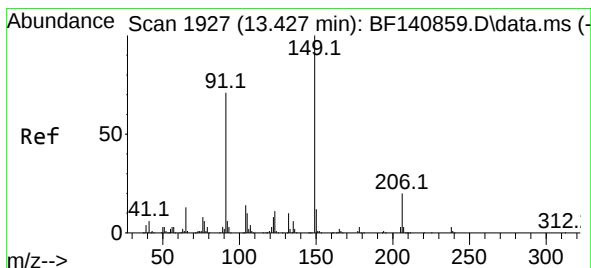
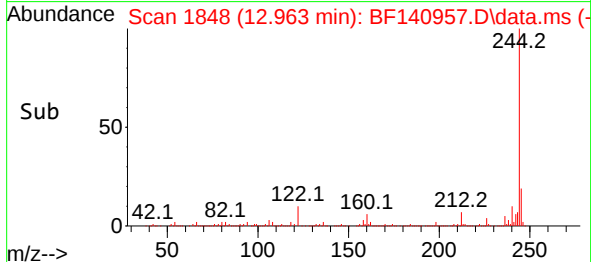
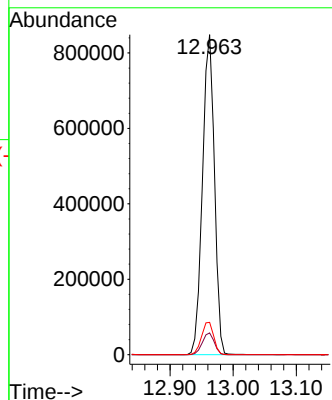
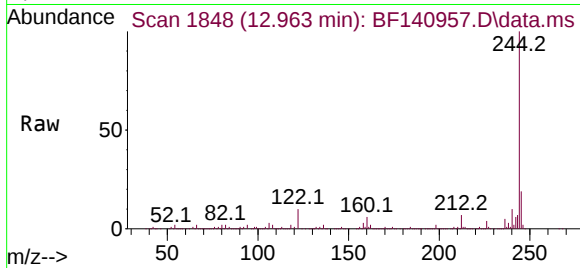




#79
 Terphenyl-d14
 Concen: 107.103 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140957.D
 Acq: 20 Dec 2024 18:06

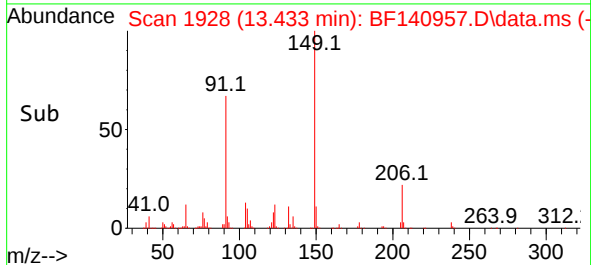
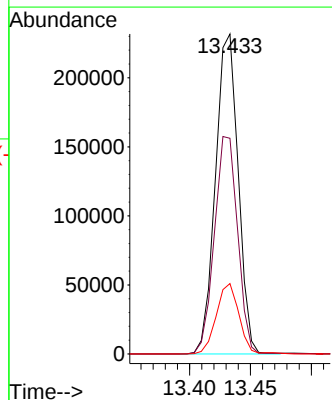
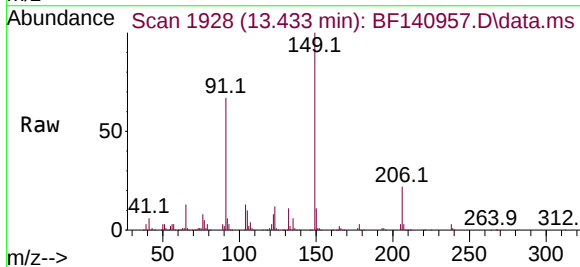
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MS

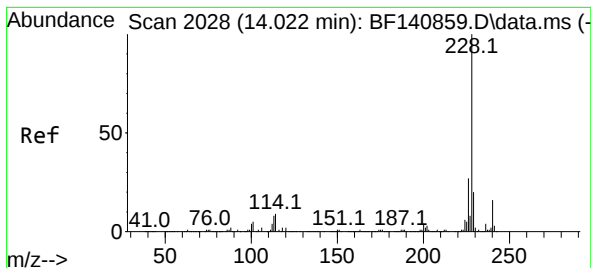
Tgt Ion:244 Resp: 1115345
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 56.099 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: BF140957.D
 Acq: 20 Dec 2024 18:06

Tgt Ion:149 Resp: 301420
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.7 85.1
 206 22.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.523 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

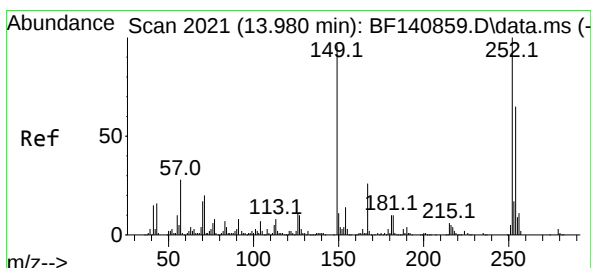
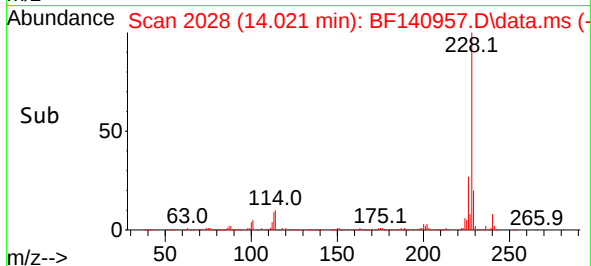
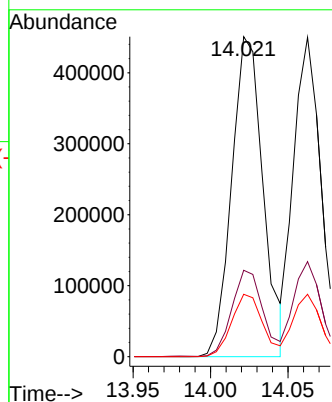
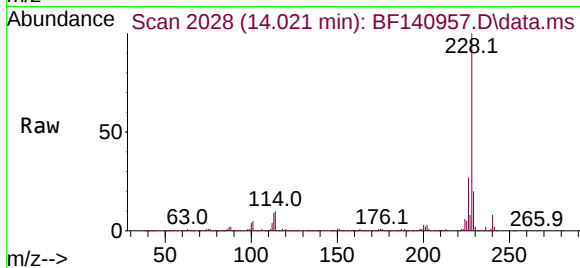
Tgt Ion:228 Resp: 634552

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 17.742 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

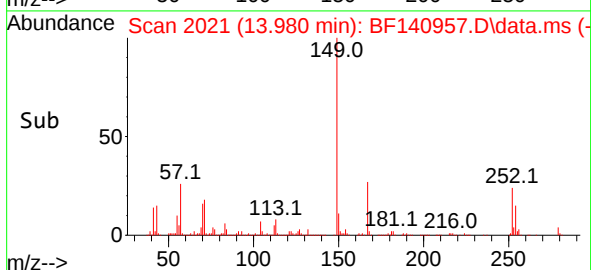
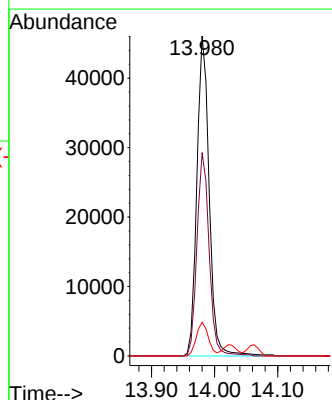
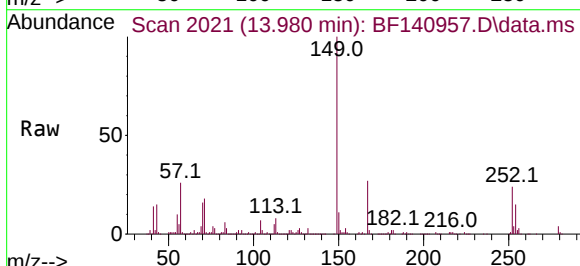
Tgt Ion:252 Resp: 62298

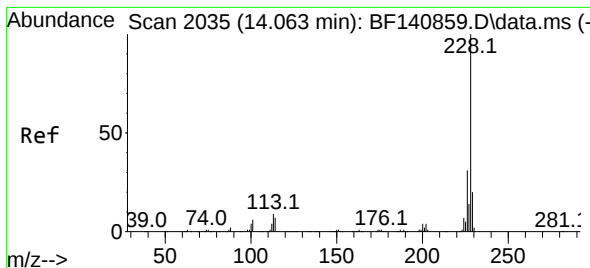
Ion Ratio Lower Upper

252 100

254 63.6 52.3 78.5

126 10.5 8.4 12.6





#83

Chrysene

Concen: 51.930 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

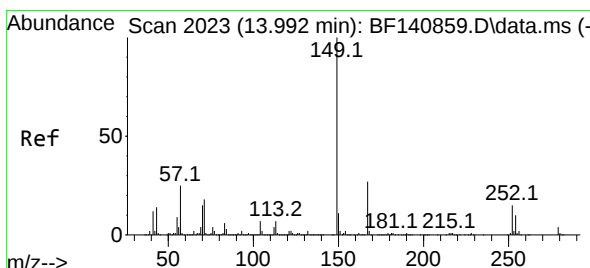
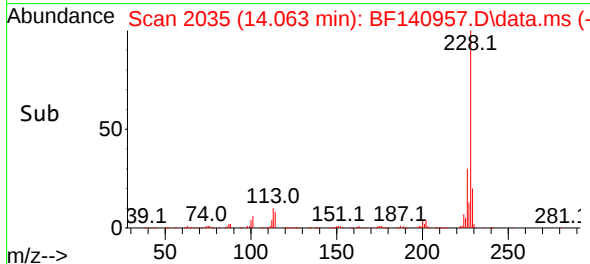
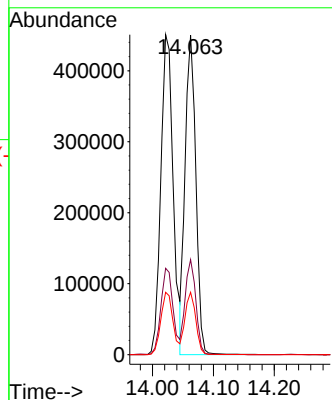
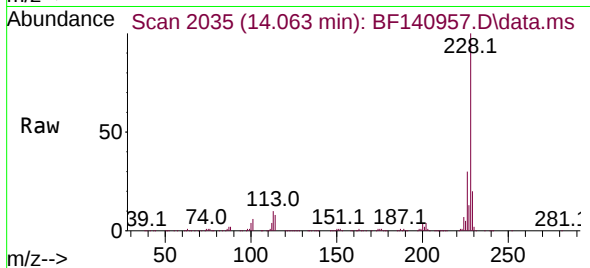
Tgt Ion:228 Resp: 549579

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.373 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

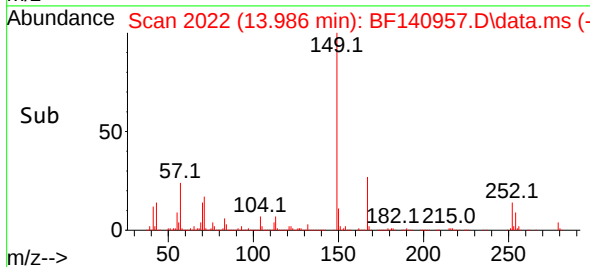
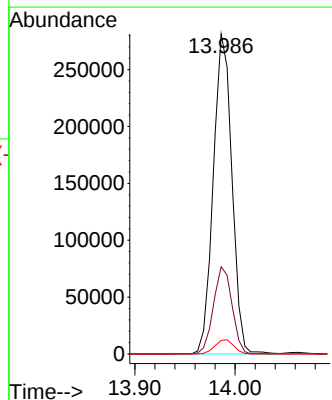
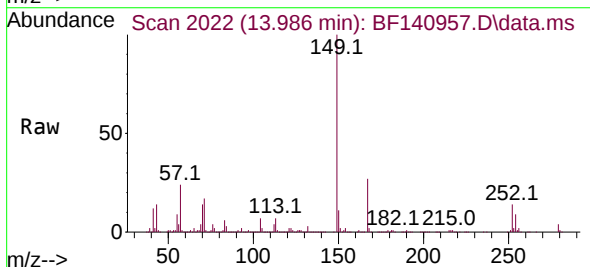
Tgt Ion:149 Resp: 362850

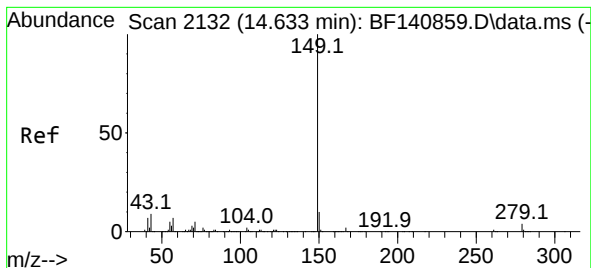
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.186 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.012 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

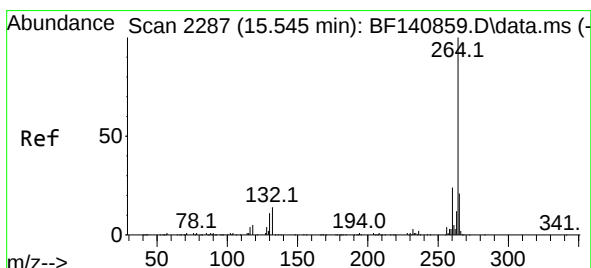
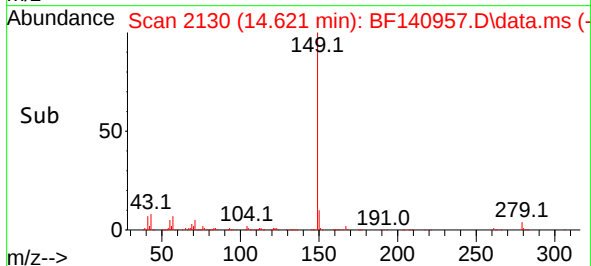
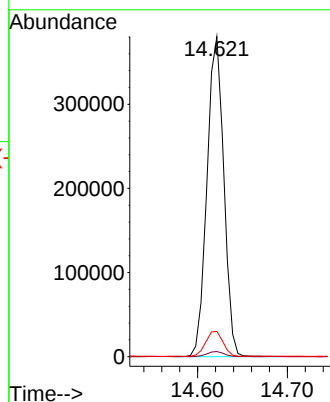
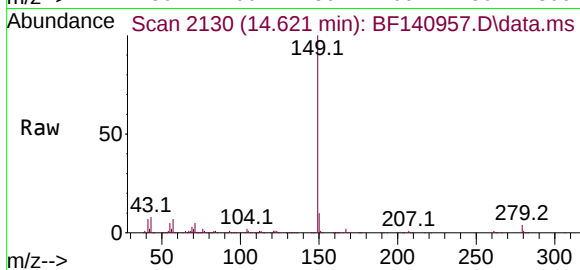
Tgt Ion:149 Resp: 494579

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.1 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

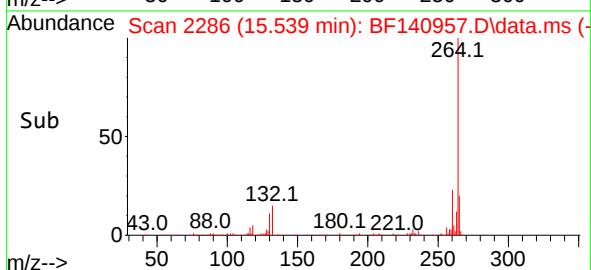
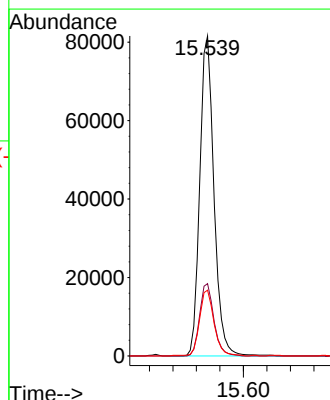
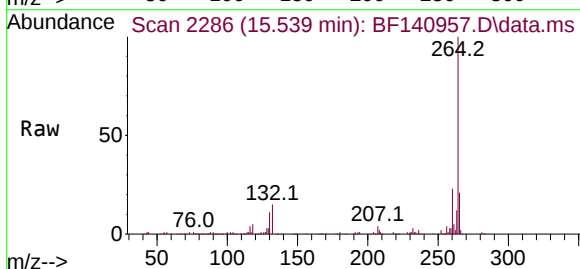
Tgt Ion:264 Resp: 136462

Ion Ratio Lower Upper

264 100

260 22.6 19.1 28.7

265 20.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.761 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

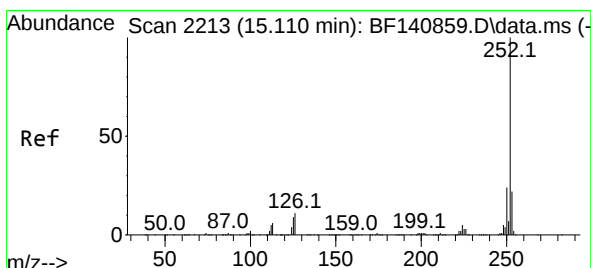
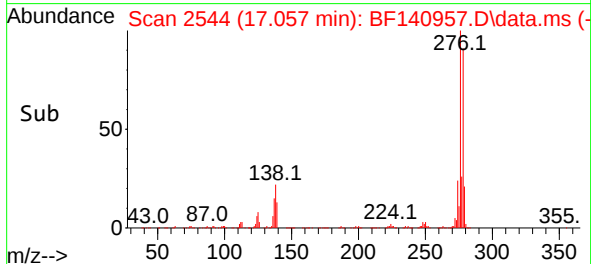
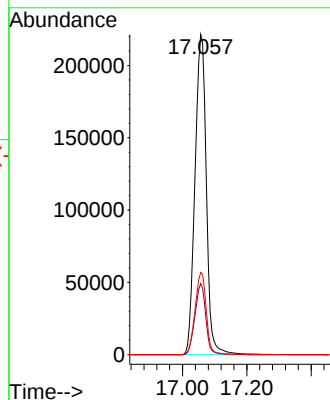
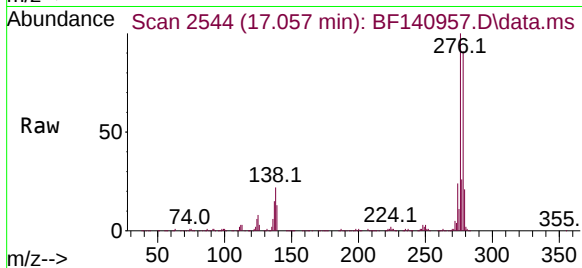
Tgt Ion:276 Resp: 542970

Ion Ratio Lower Upper

276 100

138 21.2 16.9 25.3

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.852 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

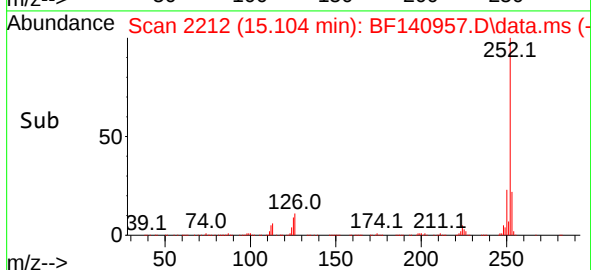
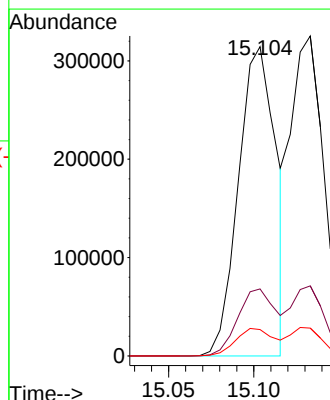
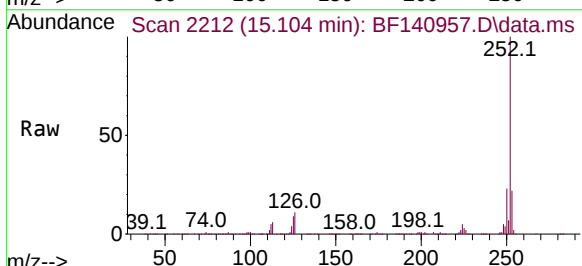
Tgt Ion:252 Resp: 481691

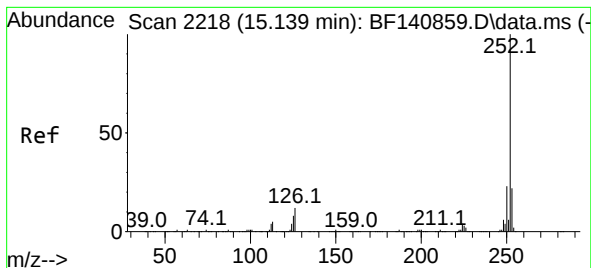
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 8.6 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 54.432 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

TP-5MS

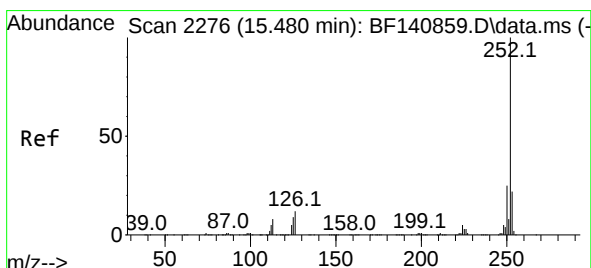
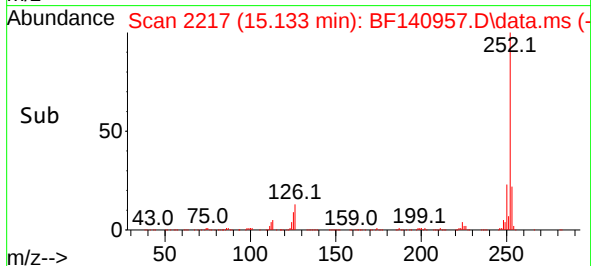
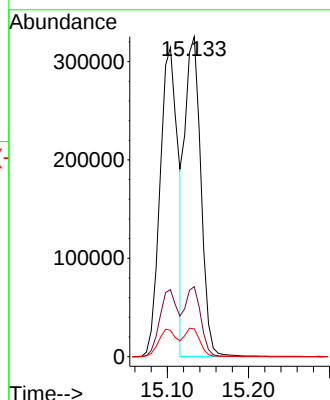
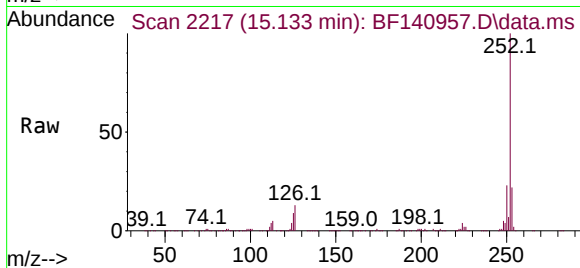
Tgt Ion:252 Resp: 442287

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 58.259 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF140957.D

Acq: 20 Dec 2024 18:06

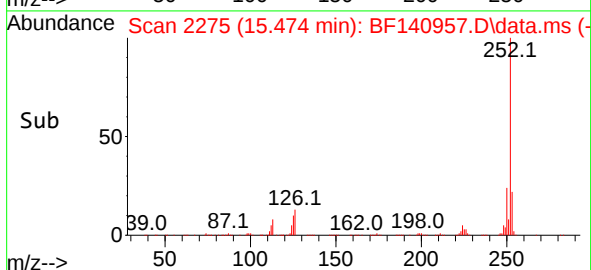
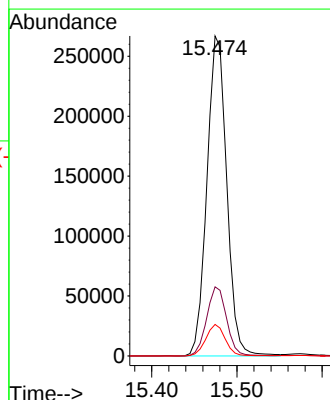
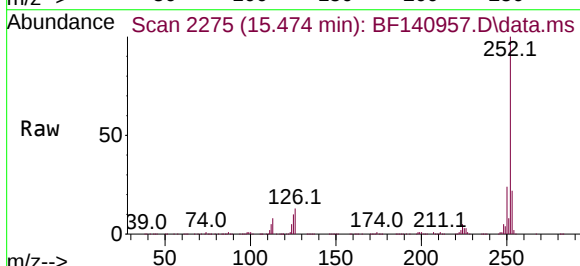
Tgt Ion:252 Resp: 432120

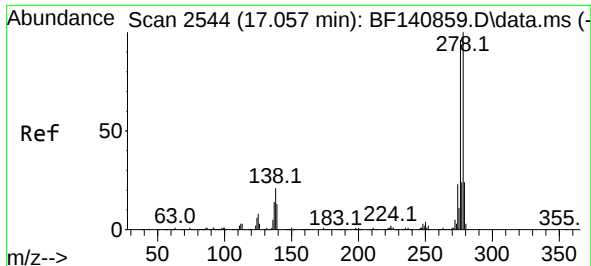
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.9 7.5 11.3

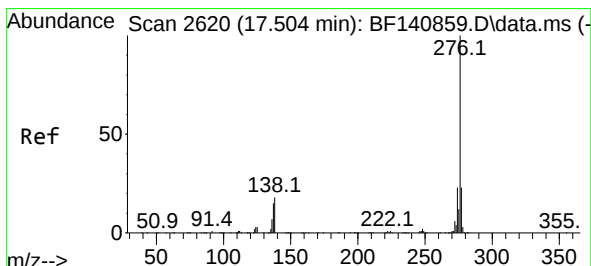
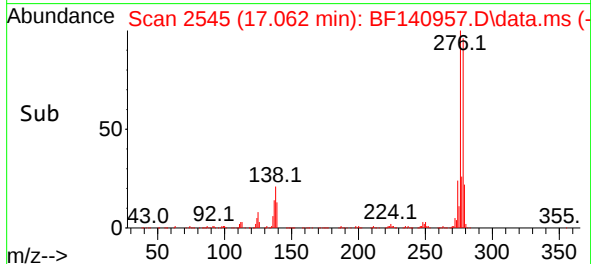
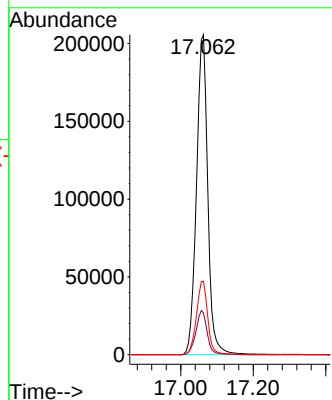
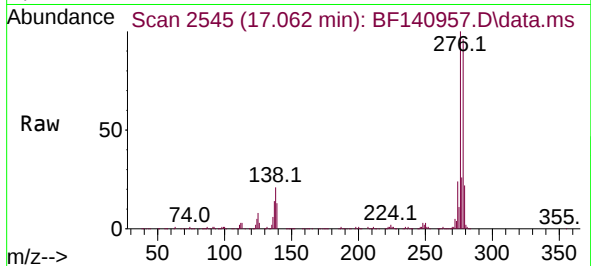




#91
Dibenzo(a,h)anthracene
Concen: 63.061 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Instrument :
BNA_F
ClientSampleId :
TP-5MS

Tgt Ion:278 Resp: 444889
Ion Ratio Lower Upper
278 100
139 13.1 10.6 16.0
279 23.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 56.677 ng
RT: 17.515 min Scan# 2622
Delta R.T. 0.012 min
Lab File: BF140957.D
Acq: 20 Dec 2024 18:06

Tgt Ion:276 Resp: 406954
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 18.3 14.2 21.2

