

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140815.D
 Acq On : 10 Dec 2024 19:18
 Operator : RC/JU
 Sample : P5216-13MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12MS

Quant Time: Dec 11 00:34:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93767	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	338326	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	167935	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	253503	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	149081	20.000	ng	0.00
86) Perylene-d12	15.545	264	112734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	612366	111.428	ng	0.02
7) Phenol-d6	6.522	99	773829	106.510	ng	0.00
23) Nitrobenzene-d5	7.428	82	519684	78.569	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	194727	108.418	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	947185	84.036	ng	-0.01
79) Terphenyl-d14	12.974	244	655820	68.499	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	94469	40.885	ng	99
3) Pyridine	3.546	79	239759	47.160	ng	99
4) n-Nitrosodimethylamine	3.463	42	124071	41.523	ng	# 87
6) Aniline	6.540	93	72943	14.264	ng	# 1
8) 2-Chlorophenol	6.663	128	306318	51.809	ng	94
9) Benzaldehyde	6.422	77	82366	21.415	ng	99
10) Phenol	6.534	94	362055	48.796	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	292818	51.572	ng	100
12) 1,3-Dichlorobenzene	6.804	146	321933	48.458	ng	98
13) 1,4-Dichlorobenzene	6.881	146	327149	48.634	ng	99
14) 1,2-Dichlorobenzene	7.034	146	304389	48.291	ng	99
15) Benzyl Alcohol	7.016	79	266826	49.523	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	349438	52.095	ng	65
17) 2-Methylphenol	7.134	107	231988	49.016	ng	93
18) Hexachloroethane	7.369	117	121790	48.476	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	216290	50.373	ng	98
20) 3+4-Methylphenols	7.292	107	305454	50.211	ng	# 65
22) Acetophenone	7.275	105	416521	50.498	ng	# 93
24) Nitrobenzene	7.451	77	328654	48.076	ng	97
25) Isophorone	7.698	82	578937	52.477	ng	99
26) 2-Nitrophenol	7.763	139	161408	53.279	ng	97
27) 2,4-Dimethylphenol	7.810	122	234783m	64.773	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	353855	52.650	ng	99
29) 2,4-Dichlorophenol	8.016	162	243499	50.697	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	267973	48.865	ng	99
31) Naphthalene	8.169	128	882923	50.665	ng	99
32) Benzoic acid	7.957	122	142541	45.611	ng	97
33) 4-Chloroaniline	8.233	127	20026m	3.838	ng	
34) Hexachlorobutadiene	8.275	225	161440	44.446	ng	99
35) Caprolactam	8.639	113	56677	38.131	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	251948	46.852	ng	99
37) 2-Methylnaphthalene	8.857	142	583353	52.703	ng	99
38) 1-Methylnaphthalene	8.957	142	535307	49.339	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	283394	57.644	ng	99
41) Hexachlorocyclopentadiene	9.004	237	118905	105.084	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	173927	56.380	ng	98

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	173349	51.776	ng	98
46) 1,1'-Biphenyl	9.322	154	688912	54.945	ng	99
47) 2-Chloronaphthalene	9.351	162	509936	53.675	ng	98
48) 2-Nitroaniline	9.457	65	135060	44.290	ng	94
49) Acenaphthylene	9.763	152	830918	57.885	ng	99
50) Dimethylphthalate	9.628	163	588211	53.183	ng	100
51) 2,6-Dinitrotoluene	9.692	165	127352	50.771	ng	98
52) Acenaphthene	9.939	154	475220	52.103	ng	100
53) 3-Nitroaniline	9.869	138	32777	13.360	ng	# 95
54) 2,4-Dinitrophenol	9.986	184	84681	66.633	ng	95
55) Dibenzofuran	10.110	168	717573	51.579	ng	99
56) 4-Nitrophenol	10.057	139	96696	57.793	ng	93
57) 2,4-Dinitrotoluene	10.104	165	148380	44.509	ng	# 93
58) Fluorene	10.451	166	581977	52.117	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	138299	53.748	ng	94
60) Diethylphthalate	10.322	149	565938	50.363	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	293863	53.623	ng	98
62) 4-Nitroaniline	10.486	138	56576	21.988	ng	91
63) Azobenzene	10.604	77	595065m	55.919	ng	
65) 4,6-Dinitro-2-methylph...	10.516	198	68129	52.593	ng	95
66) n-Nitrosodiphenylamine	10.563	169	471679	62.918	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	160951	61.651	ng	96
68) Hexachlorobenzene	11.004	284	186555	61.713	ng	99
69) Atrazine	11.092	200	114647	54.361	ng	99
70) Pentachlorophenol	11.210	266	143934	108.183	ng	99
71) Phenanthrene	11.422	178	661583	54.292	ng	99
72) Anthracene	11.469	178	660724	55.430	ng	100
73) Carbazole	11.627	167	473665	41.307	ng	100
74) Di-n-butylphthalate	11.945	149	646621	48.844	ng	100
75) Fluoranthene	12.610	202	624673	47.215	ng	99
78) Pyrene	12.839	202	648112	47.018	ng	99
80) Butylbenzylphthalate	13.451	149	224193	45.148	ng	99
81) Benzo(a)anthracene	14.033	228	554665	56.205	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	41513	14.011	ng	# 95
83) Chrysene	14.074	228	481621	53.373	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	354292	56.504	ng	97
85) Di-n-octyl phthalate	14.633	149	423961	49.476	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	300876	40.954	ng	99
88) Benzo(b)fluoranthene	15.110	252	345147	48.743	ng	99
89) Benzo(k)fluoranthene	15.139	252	312604	50.449	ng	100
90) Benzo(a)pyrene	15.480	252	325767	56.582	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	240685	40.003	ng	98
92) Benzo(g,h,i)perylene	17.521	276	227753	37.095	ng	99

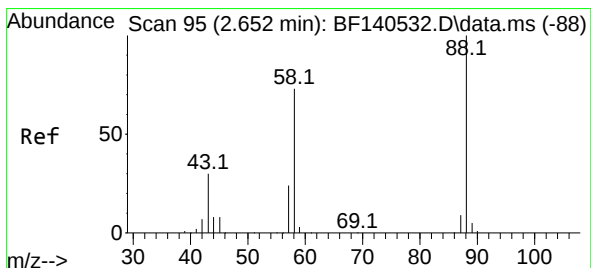
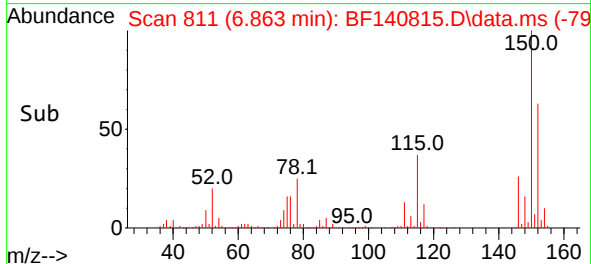
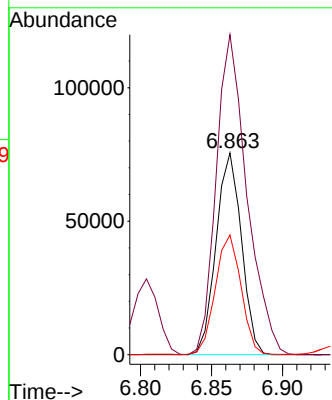
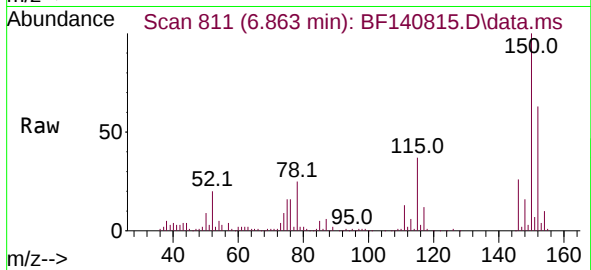
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140815.D
 Acq: 10 Dec 2024 19:18

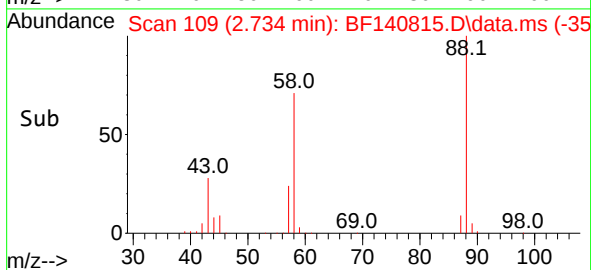
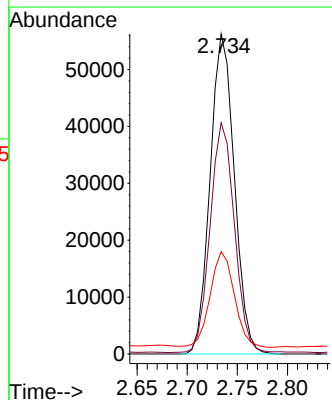
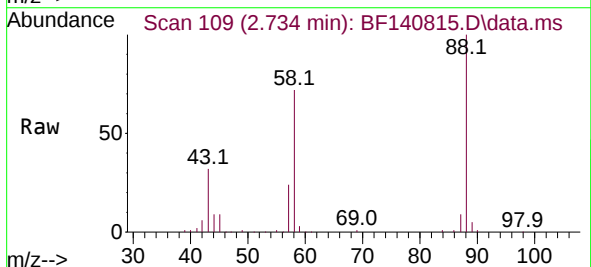
Instrument :
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 TP-12MS

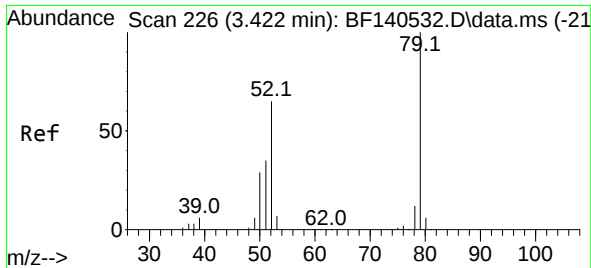
Tgt Ion:152 Resp: 93767
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.5 192.7
 115 59.3 50.2 75.4



#2
 1,4-Dioxane
 Concen: 40.885 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.082 min
 Lab File: BF140815.D
 Acq: 10 Dec 2024 19:18

Tgt Ion: 88 Resp: 94469
 Ion Ratio Lower Upper
 88 100
 58 72.2 57.4 86.2
 43 29.9 24.3 36.5





#3

Pyridine

Concen: 47.160 ng

RT: 3.546 min Scan# 24

Delta R.T. 0.124 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

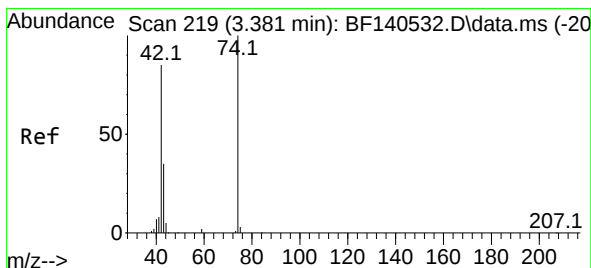
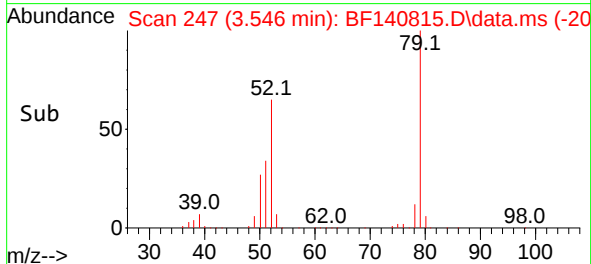
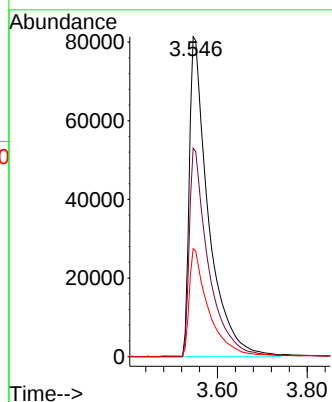
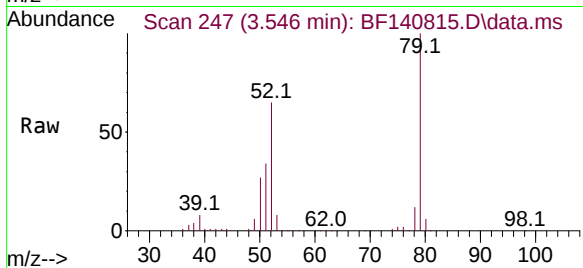
Tgt Ion: 79 Resp: 239759

Ion Ratio Lower Upper

79 100

52 65.1 52.1 78.1

51 33.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.523 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.082 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

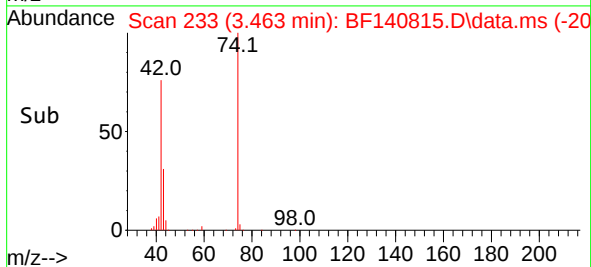
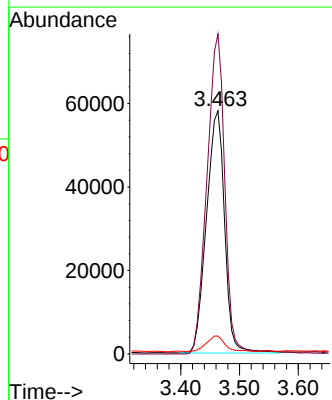
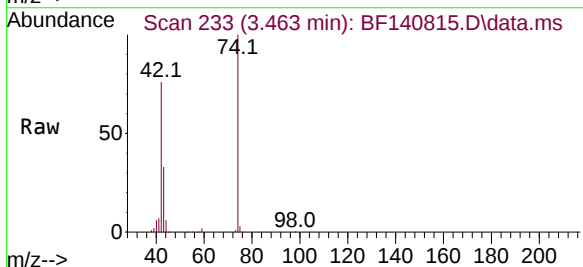
Tgt Ion: 42 Resp: 124071

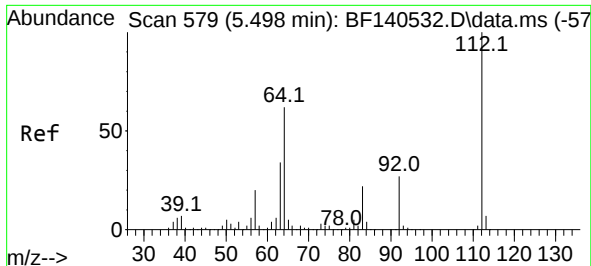
Ion Ratio Lower Upper

42 100

74 131.7 93.8 140.6

44 7.4 4.6 6.8

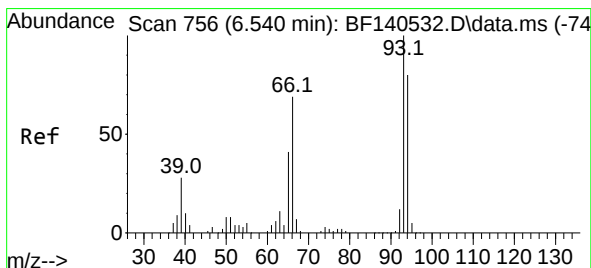
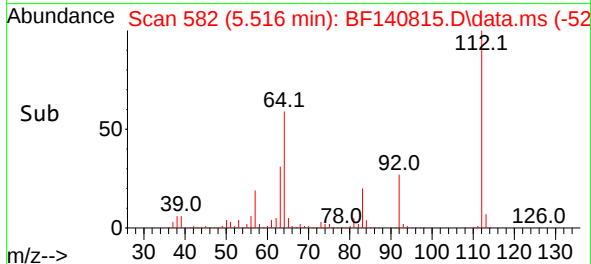
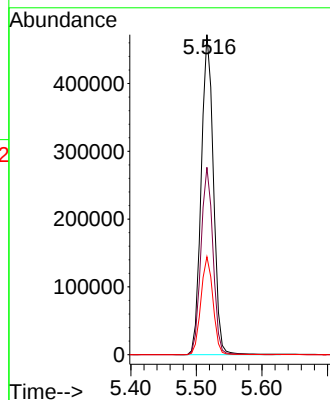
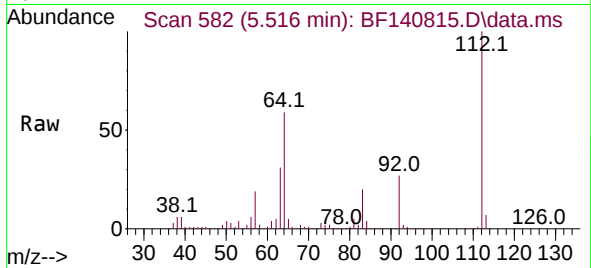




#5
2-Fluorophenol
Concen: 111.428 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

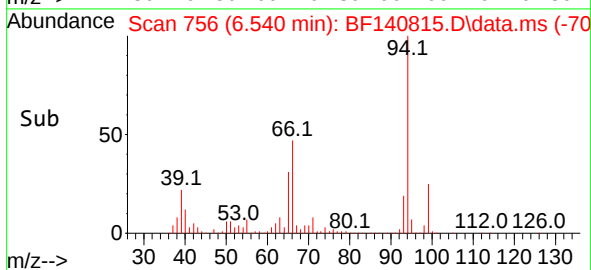
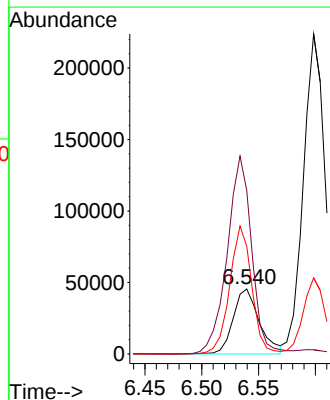
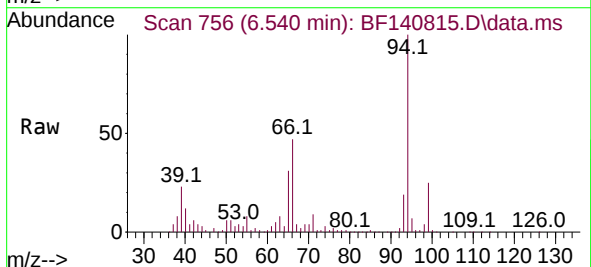
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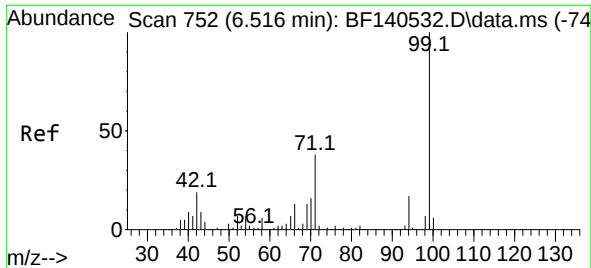
Tgt Ion:112 Resp: 612366
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 30.6 27.0 40.4



#6
Aniline
Concen: 14.264 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion: 93 Resp: 72943
Ion Ratio Lower Upper
93 100
66 251.3 56.5 84.7#
65 165.6 32.9 49.3#

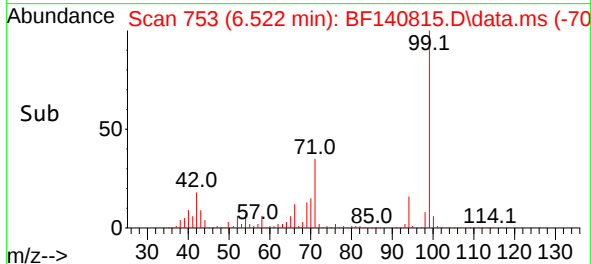
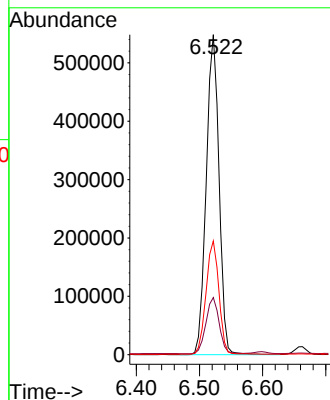
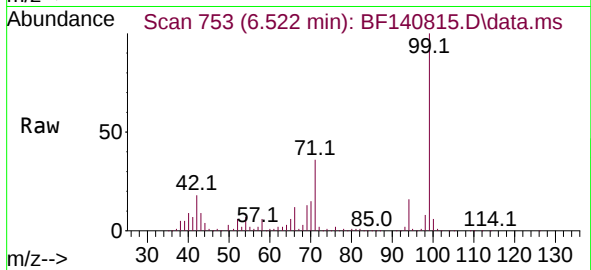




#7
Phenol-d6
Concen: 106.510 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

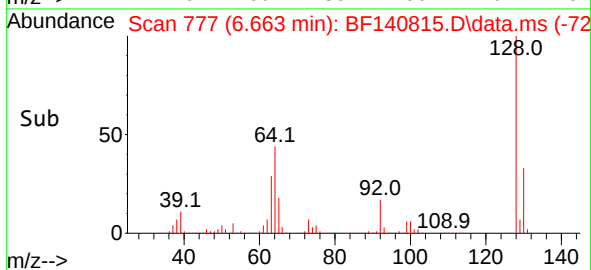
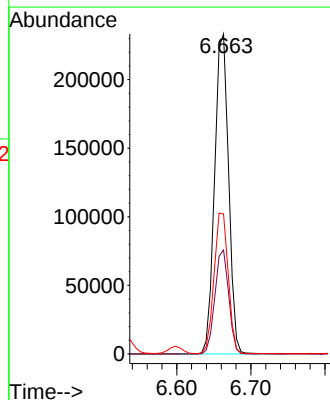
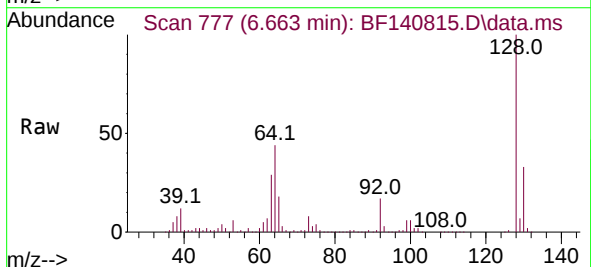
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ClientSampleId :
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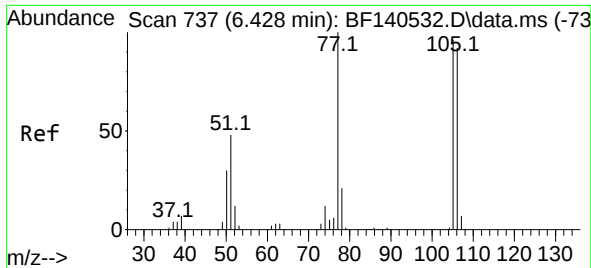
Tgt Ion: 99 Resp: 773829
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 35.6 30.6 46.0



#8
2-Chlorophenol
Concen: 51.809 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:128 Resp: 306318
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 43.7 30.2 70.2

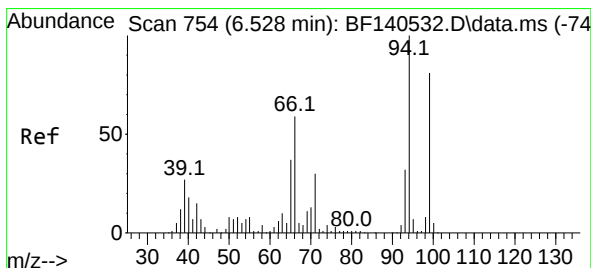
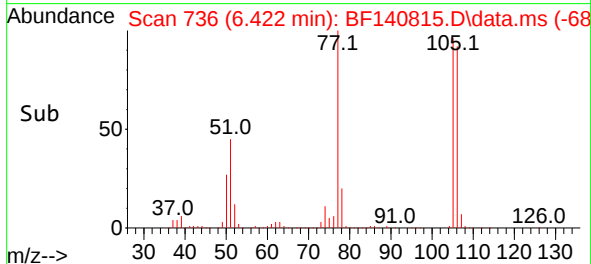
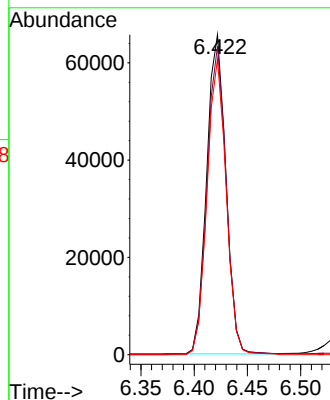
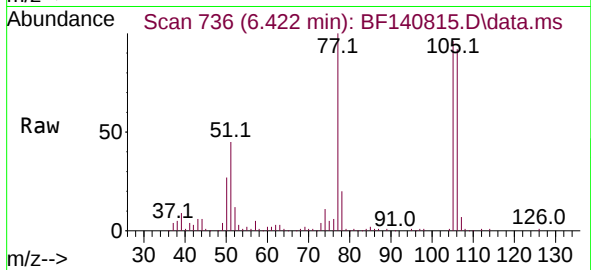




#9
Benzaldehyde
Concen: 21.415 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

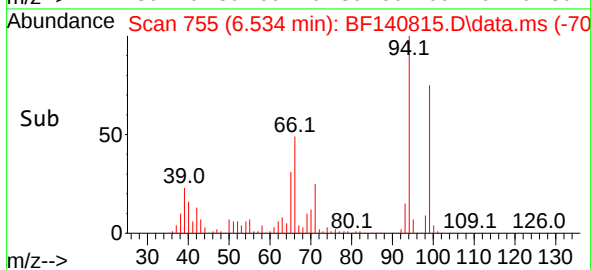
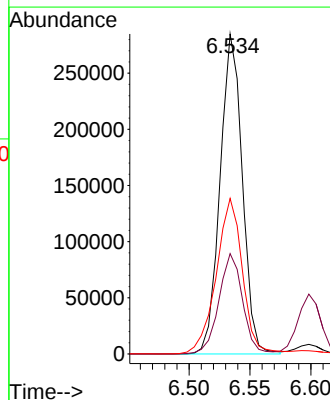
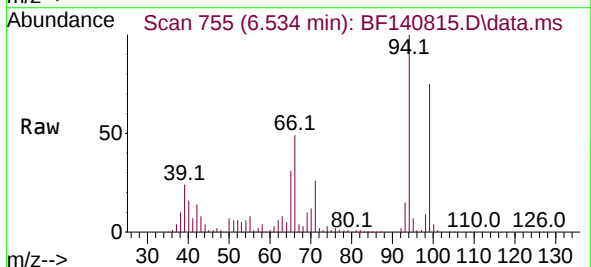
Instrument :
BNA_F
ClientSampleId :
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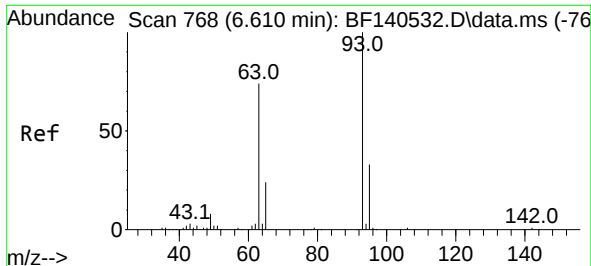
Tgt Ion: 77 Resp: 82366
Ion Ratio Lower Upper
77 100
105 96.4 75.6 115.6
106 92.3 72.0 112.0



#10
Phenol
Concen: 48.796 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion: 94 Resp: 362055
Ion Ratio Lower Upper
94 100
65 31.4 17.2 57.2
66 48.6 39.2 79.2

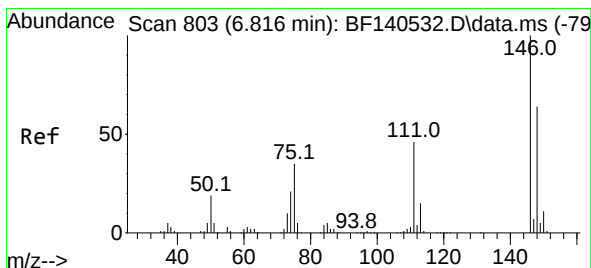
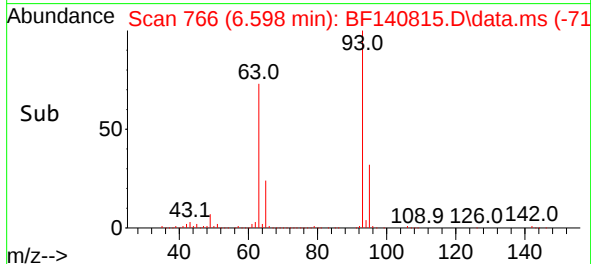
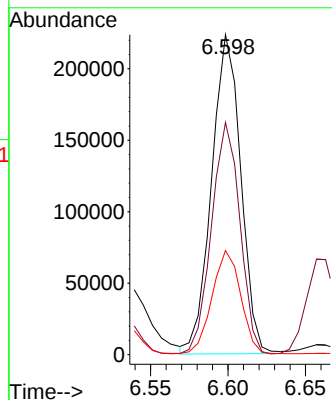
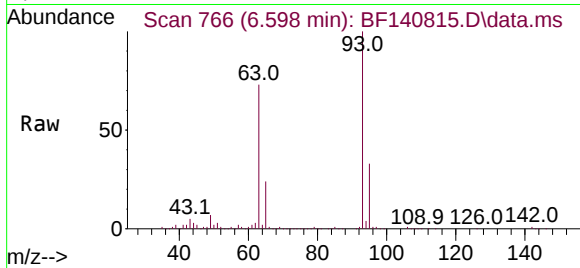




#11
bis(2-Chloroethyl)ether
Concen: 51.572 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

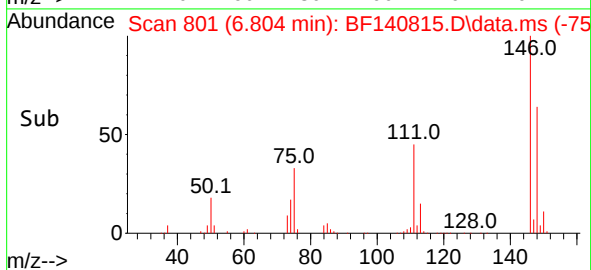
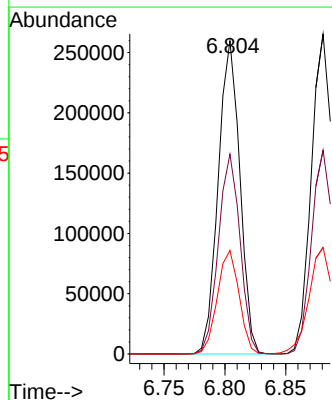
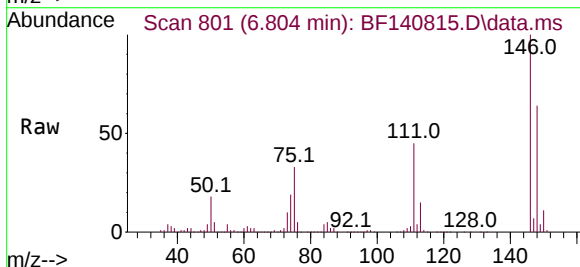
Instrument :
BNA_F
ClientSampleId :
TP-12MS

Tgt Ion: 93 Resp: 292818
Ion Ratio Lower Upper
93 100
63 72.6 52.8 92.8
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.458 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion: 146 Resp: 321933
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 33.1 28.2 42.2

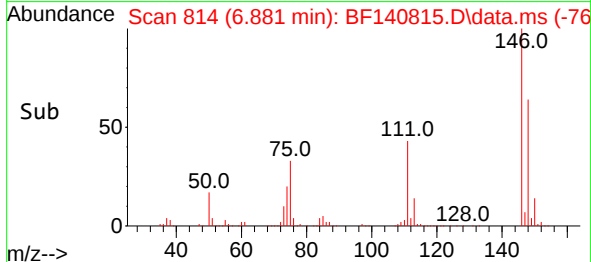
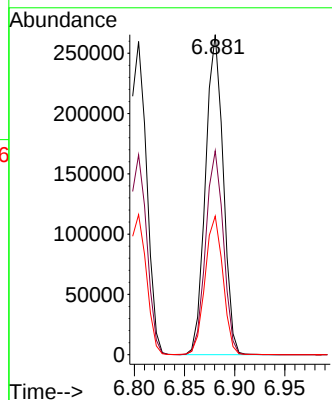
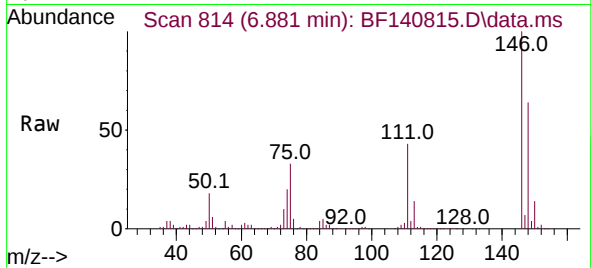




#13
1,4-Dichlorobenzene
Concen: 48.634 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

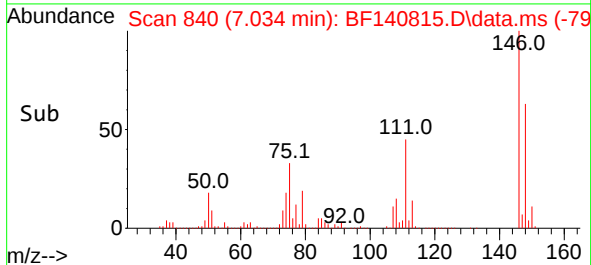
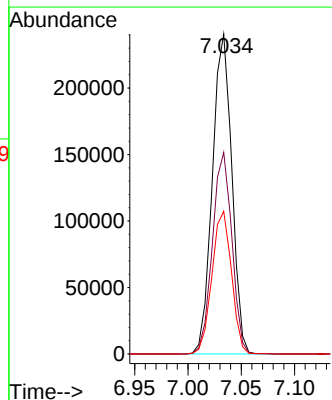
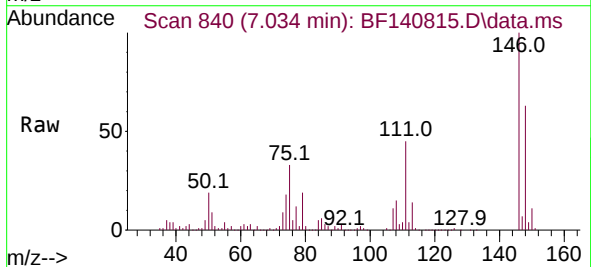
Instrument :
BNA_F
ClientSampleId :
TP-12MS

Tgt Ion:146 Resp: 327149
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 43.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.291 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:146 Resp: 304389
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
111 44.6 36.7 55.1

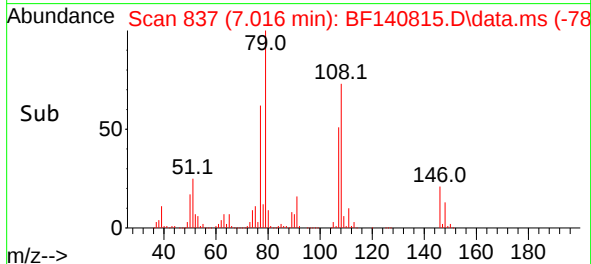
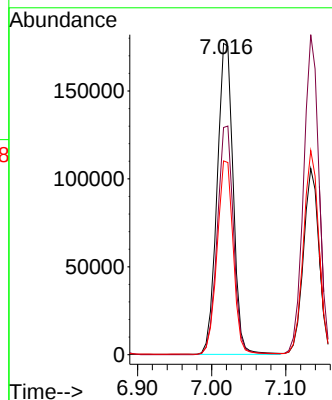
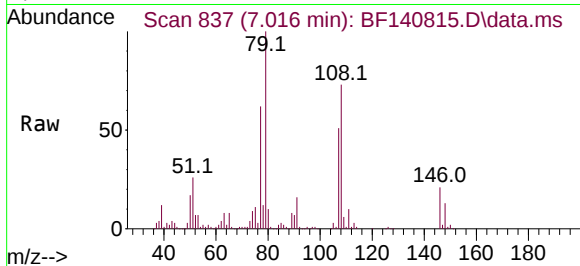




#15
Benzyl Alcohol
Concen: 49.523 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

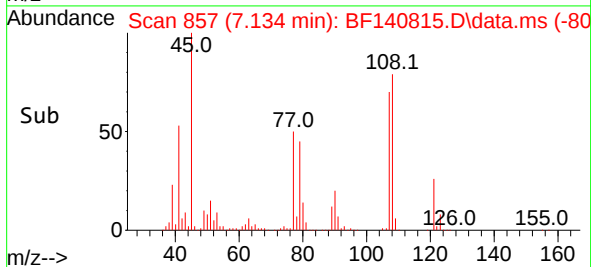
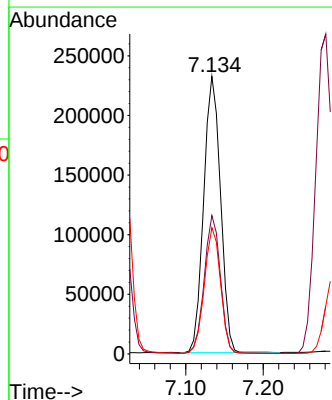
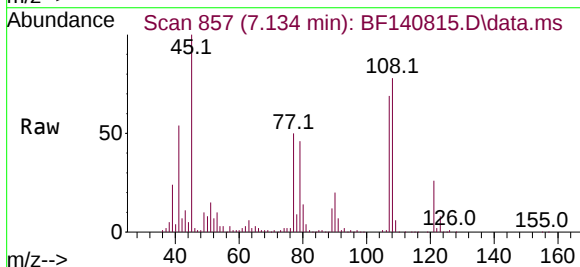
Instrument :
BNA_F
ClientSampleId :
TP-12MS

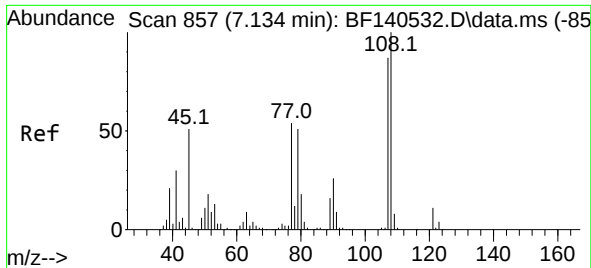
Tgt Ion: 79 Resp: 266826
Ion Ratio Lower Upper
79 100
108 73.0 55.0 82.6
77 62.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.095 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion: 45 Resp: 349438
Ion Ratio Lower Upper
45 100
77 49.9 10.7 50.7
79 45.5 7.0 47.0



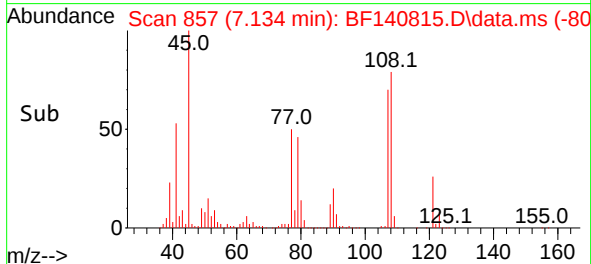
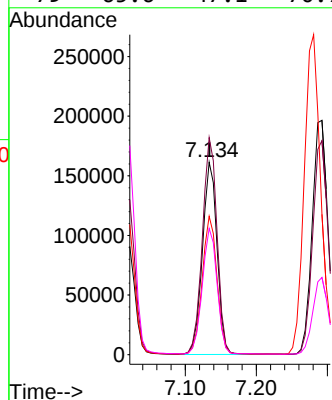
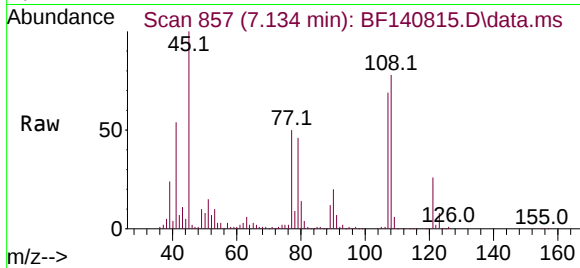


#17
2-Methylphenol
Concen: 49.016 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Instrument :
BNA_F
ClientSampleId :
TP-12MS

Tgt Ion:107 Resp: 231988

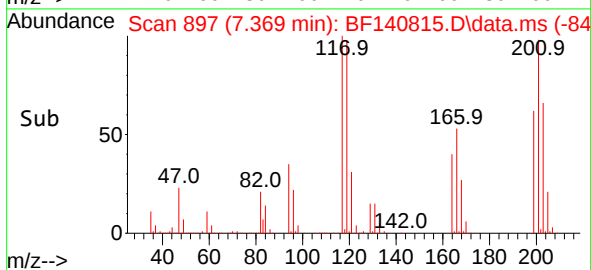
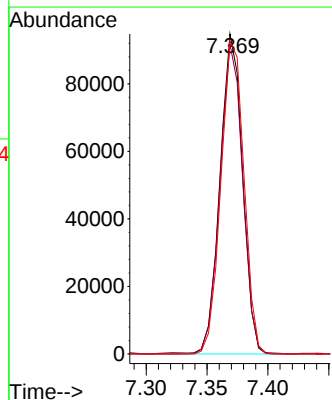
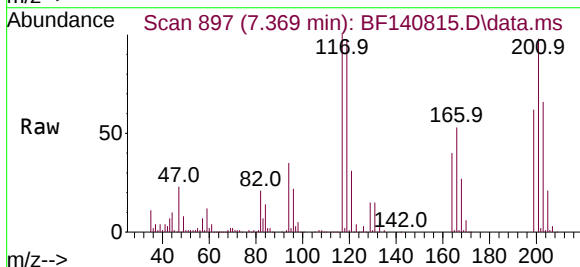
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.7	137.5
77	71.9	49.3	73.9
79	65.6	47.1	70.7



#18
Hexachloroethane
Concen: 48.476 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:117 Resp: 121790

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.1	115.7
201	97.8	81.1	121.7

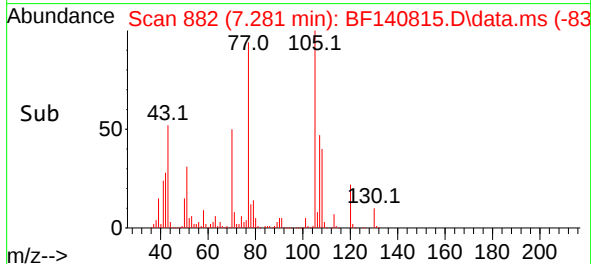
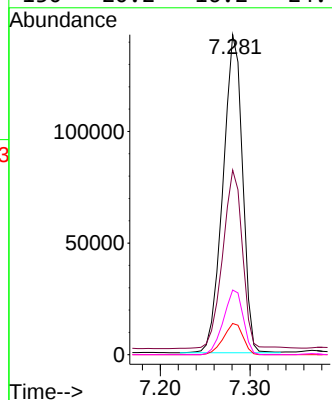
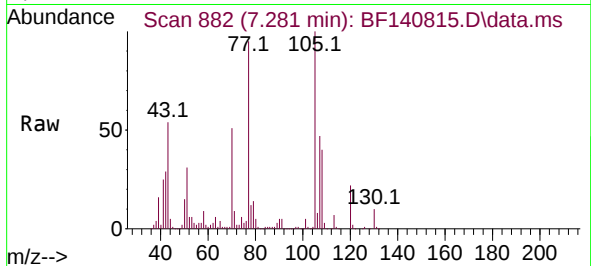




#19
n-Nitroso-di-n-propylamine
Concen: 50.373 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

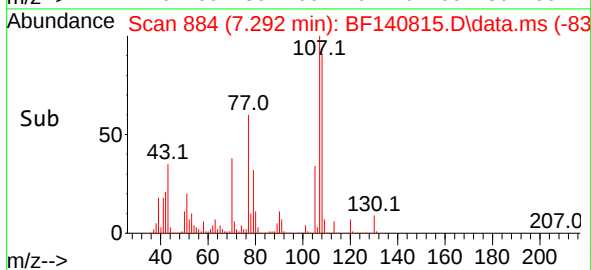
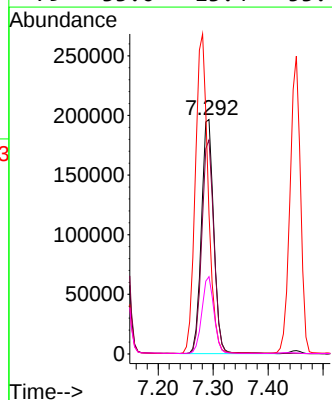
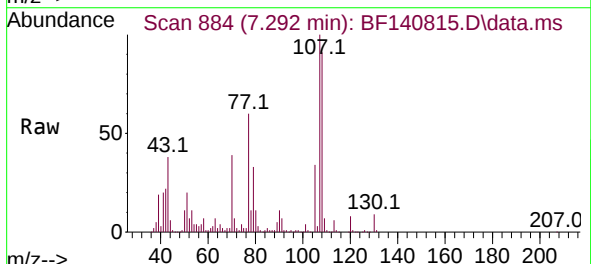
Instrument :
BNA_F
ClientSampleId :
TP-12MS

Tgt Ion: 70 Resp: 216290
Ion Ratio Lower Upper
70 100
42 57.7 47.6 71.4
101 9.7 7.6 11.4
130 20.2 16.2 24.4



#20
3+4-Methylphenols
Concen: 50.211 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:107 Resp: 305454
Ion Ratio Lower Upper
107 100
108 91.3 69.9 109.9
77 59.9 117.7 157.7#
79 33.0 13.4 53.4

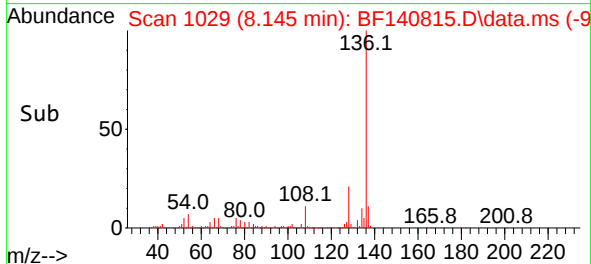
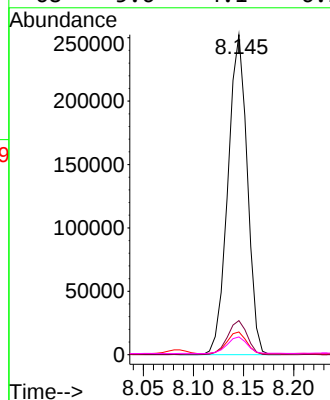
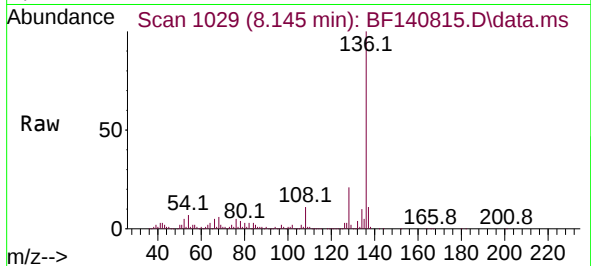




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

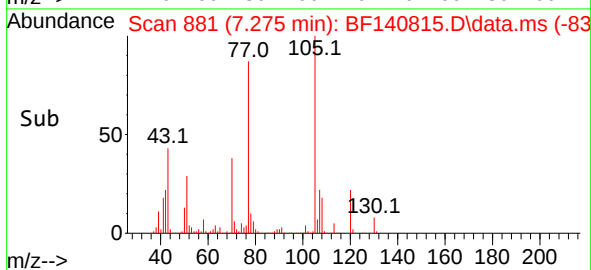
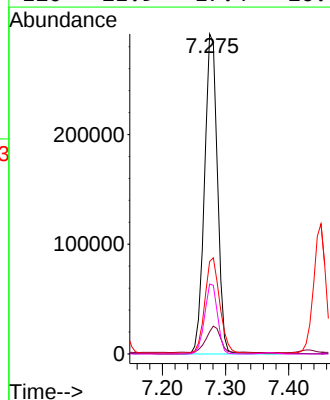
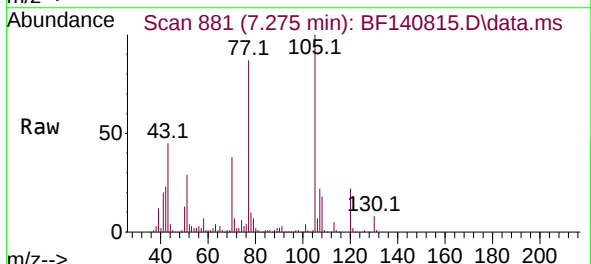
Instrument :
BNA_F
ClientSampleId :
TP-12MS

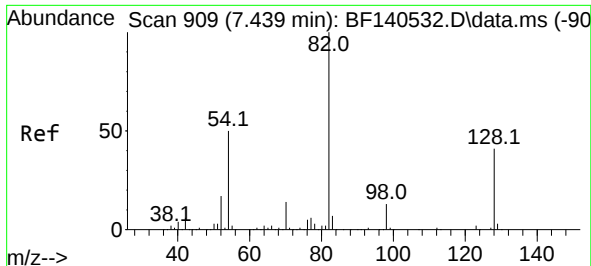
Tgt Ion:136 Resp: 338326
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.1 5.8 8.8
68 5.6 4.1 6.1



#22
Acetophenone
Concen: 50.498 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:105 Resp: 416521
Ion Ratio Lower Upper
105 100
71 6.9 6.2 9.2
51 28.9 29.0 43.6#
120 21.9 17.4 26.0

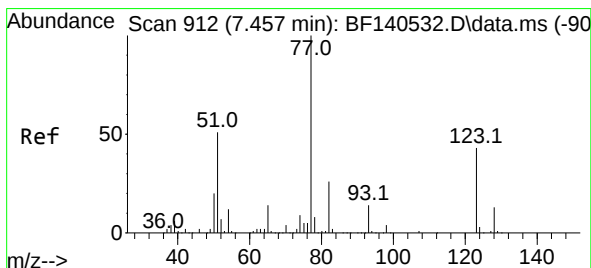
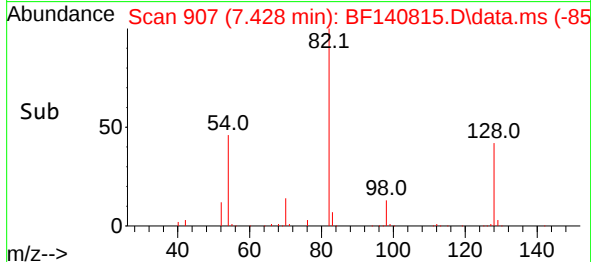
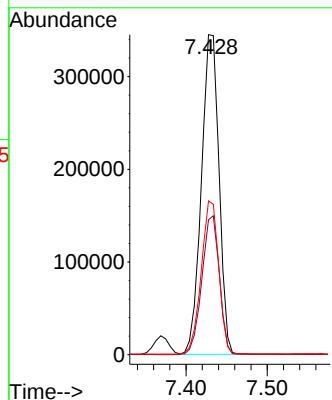
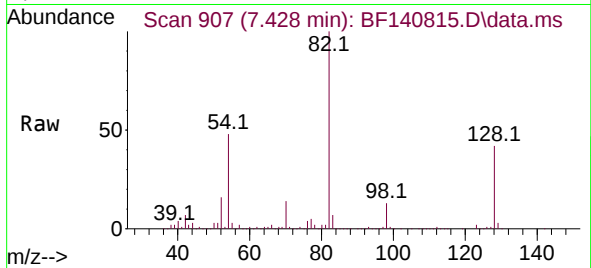




#23
Nitrobenzene-d5
Concen: 78.569 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

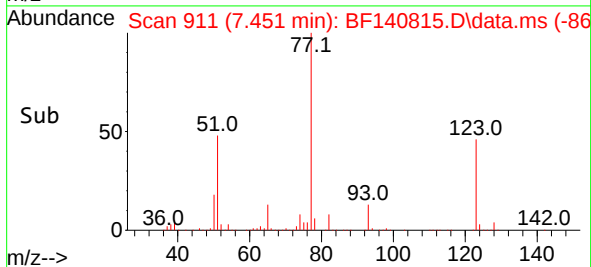
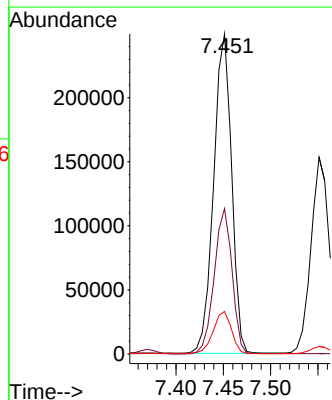
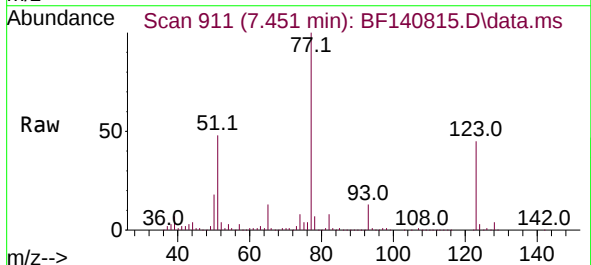
Instrument :
BNA_F
ClientSampleId :
TP-12MS

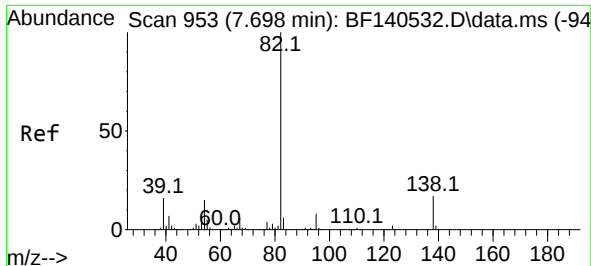
Tgt Ion: 82 Resp: 519684
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.4
54 48.0 39.5 59.3



#24
Nitrobenzene
Concen: 48.076 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion: 77 Resp: 328654
Ion Ratio Lower Upper
77 100
123 45.5 34.3 51.5
65 13.3 11.2 16.8

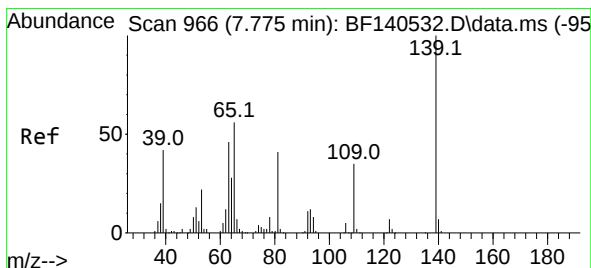
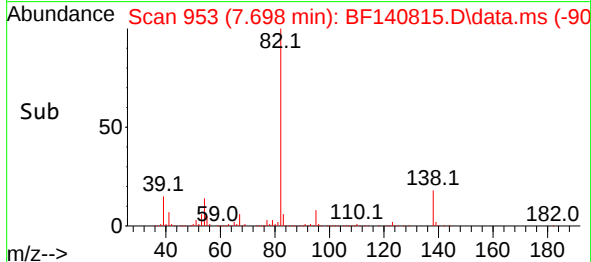
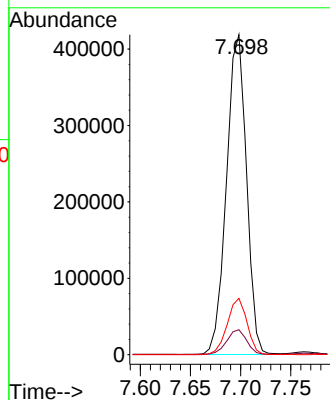
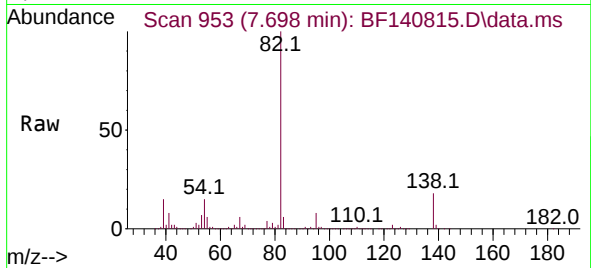




#25
Isophorone
Concen: 52.477 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

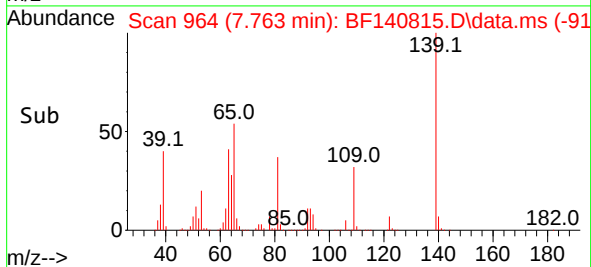
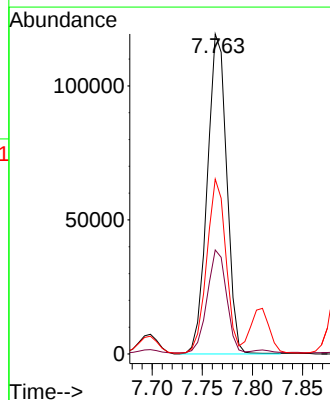
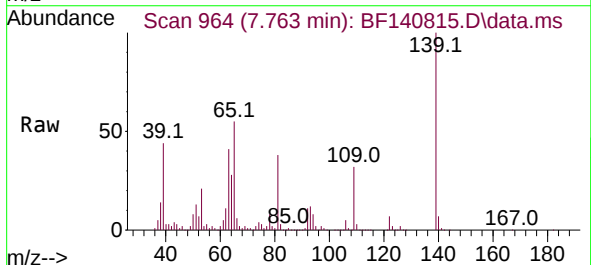
Instrument :
BNA_F
ClientSampleId :
TP-12MS

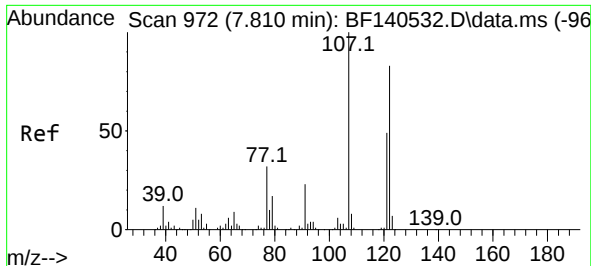
Tgt Ion: 82 Resp: 578937
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.6 13.8 20.6



#26
2-Nitrophenol
Concen: 53.279 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:139 Resp: 161408
Ion Ratio Lower Upper
139 100
109 32.5 28.0 42.0
65 54.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 64.773 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

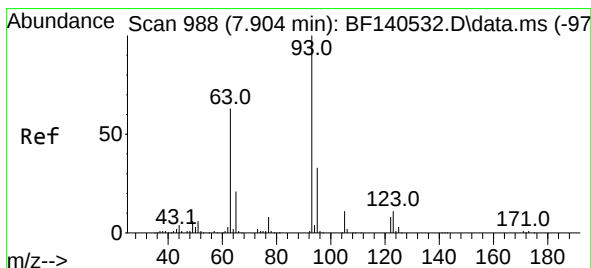
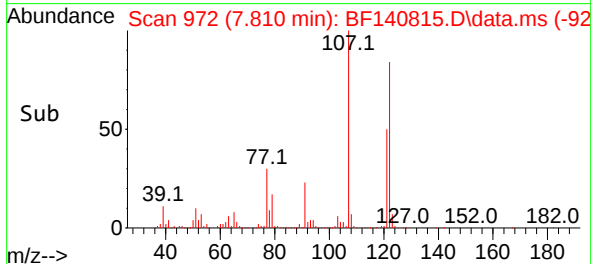
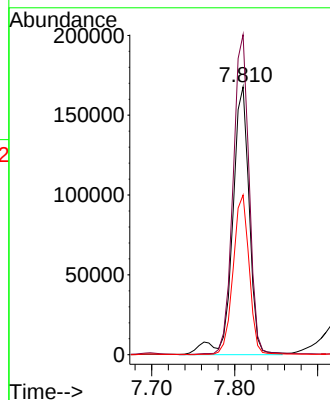
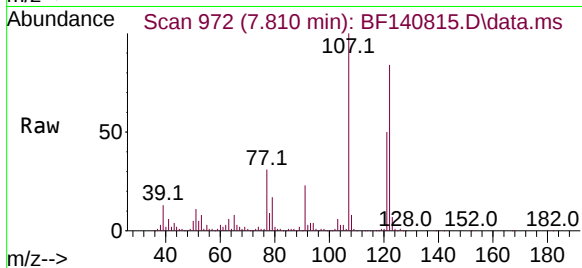
Tgt Ion:122 Resp: 234783

Ion Ratio Lower Upper

122 100

107 119.5 96.8 145.2

121 59.6 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 52.650 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

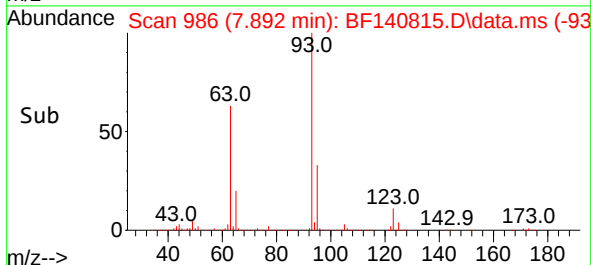
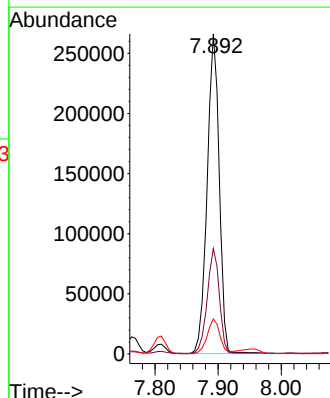
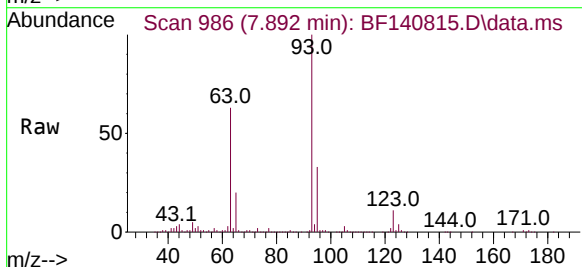
Tgt Ion: 93 Resp: 353855

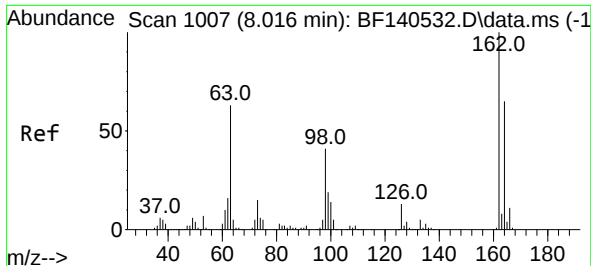
Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.697 ng

RT: 8.016 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

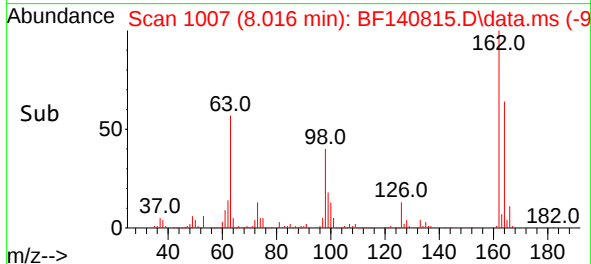
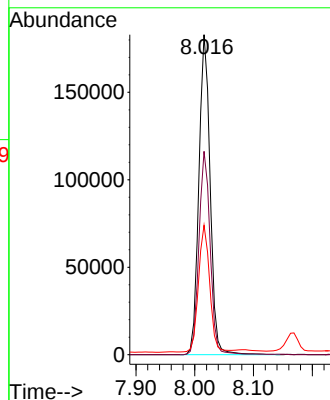
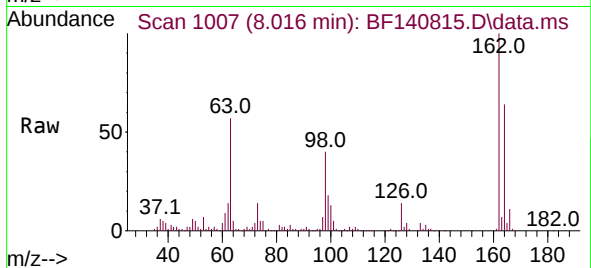
Tgt Ion:162 Resp: 243499

Ion Ratio Lower Upper

162 100

164 63.6 44.8 84.8

98 40.4 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.865 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

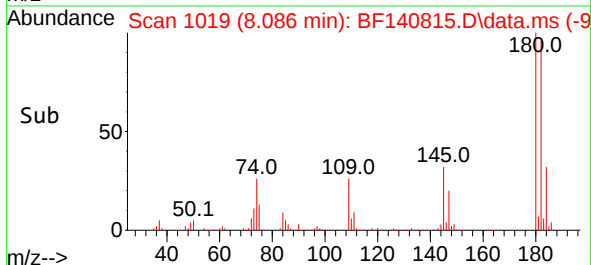
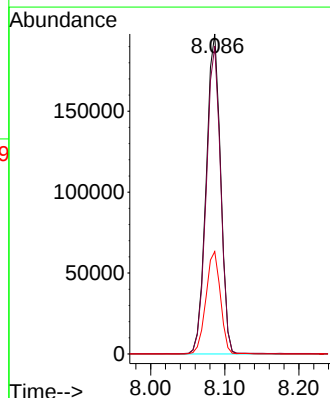
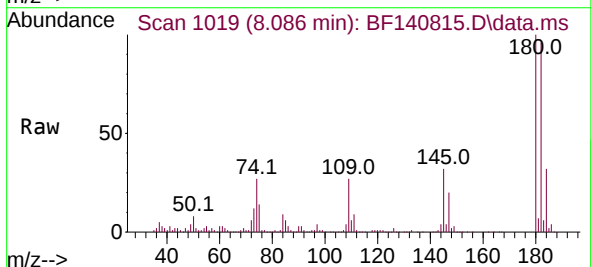
Tgt Ion:180 Resp: 267973

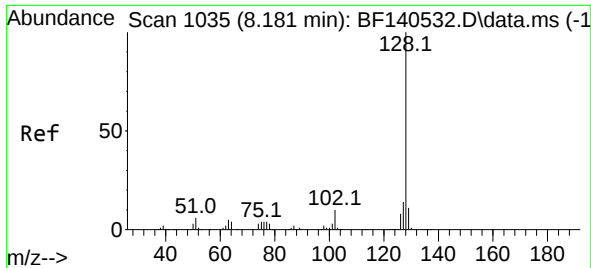
Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

145 32.0 25.9 38.9

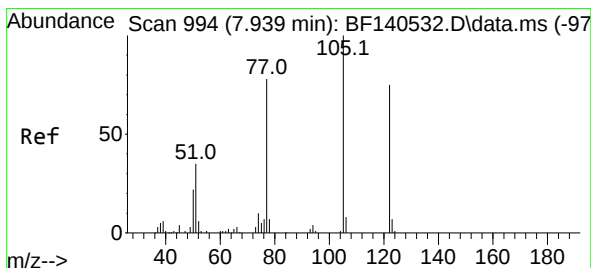
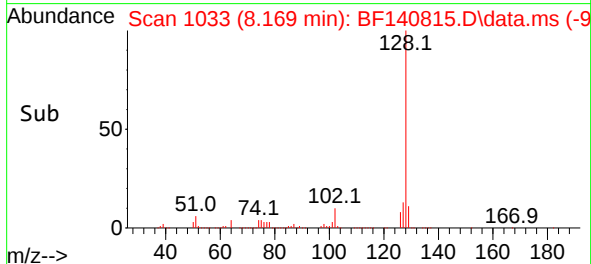
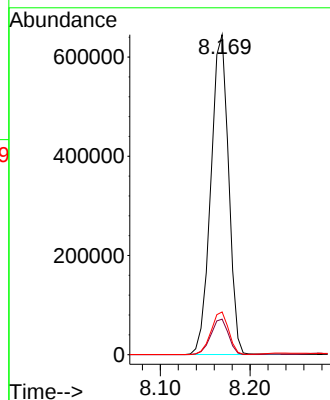
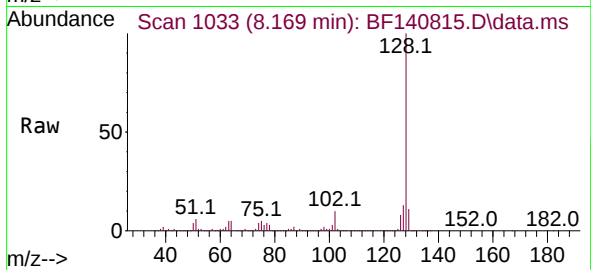




#31
Naphthalene
Concen: 50.665 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

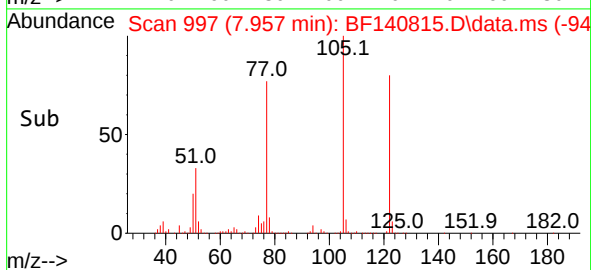
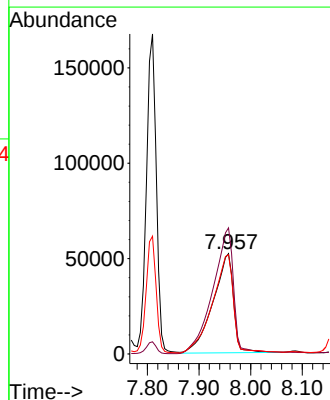
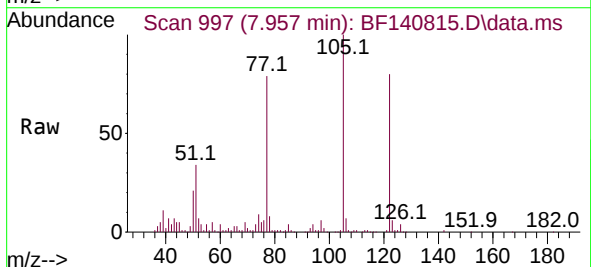
Instrument :
BNA_F
ClientSampleId :
TP-12MS

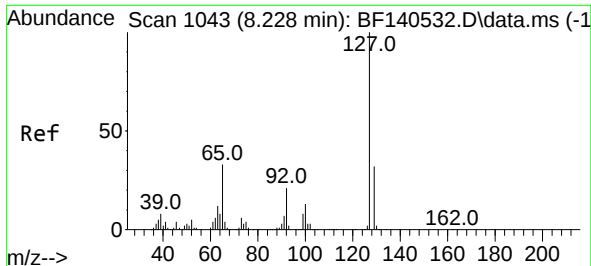
Tgt Ion:128 Resp: 882923
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 45.611 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:122 Resp: 142541
Ion Ratio Lower Upper
122 100
105 125.6 109.3 149.3
77 98.9 82.3 122.3

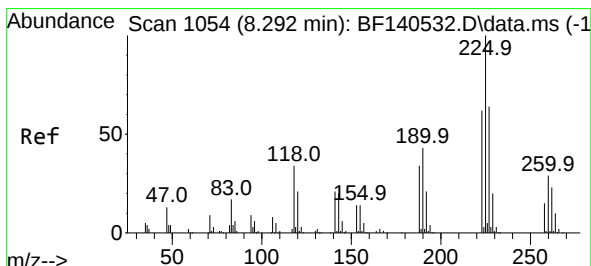
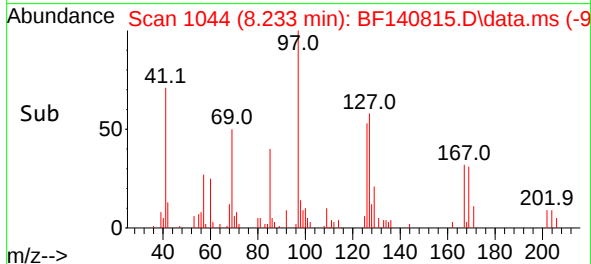
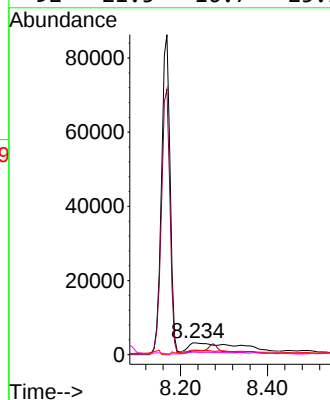
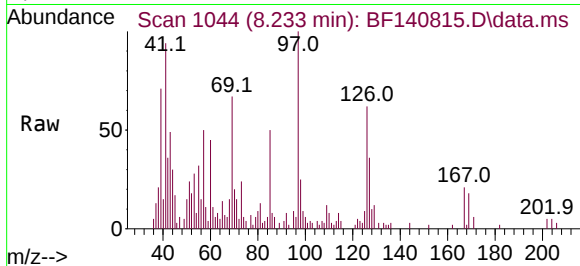




#33
4-Chloroaniline
Concen: 3.838 ng m
RT: 8.233 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

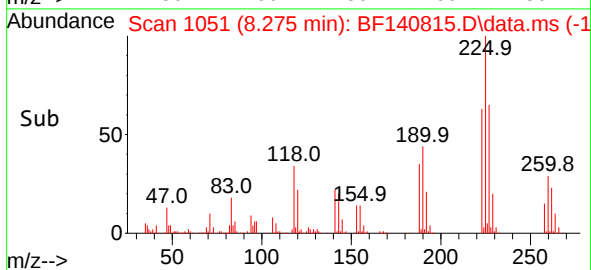
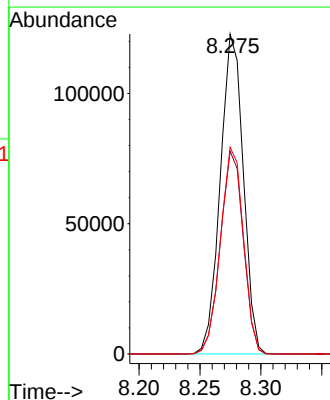
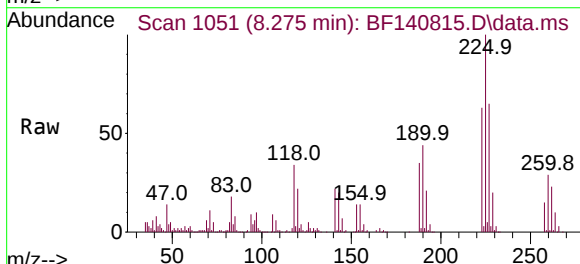
Instrument :
BNA_F
ClientSampleId :
TP-12MS

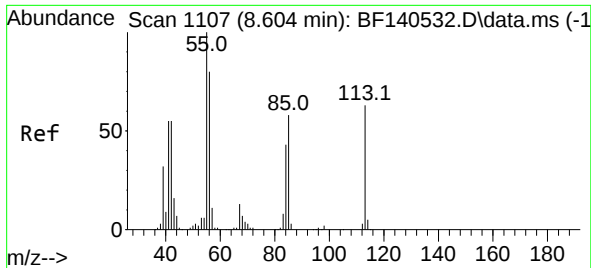
Tgt Ion:	127	Resp:	20026
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.0	39.0
65	38.6	26.0	39.0
92	21.5	16.7	25.1



#34
Hexachlorobutadiene
Concen: 44.446 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:	225	Resp:	161440
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.8	74.8
227	64.6	51.3	76.9

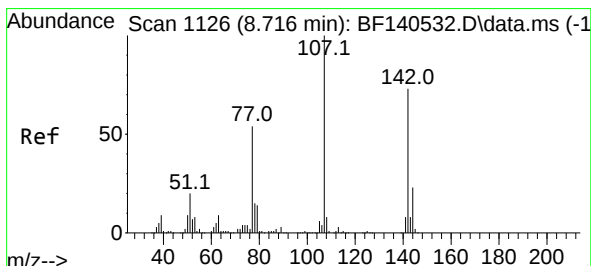
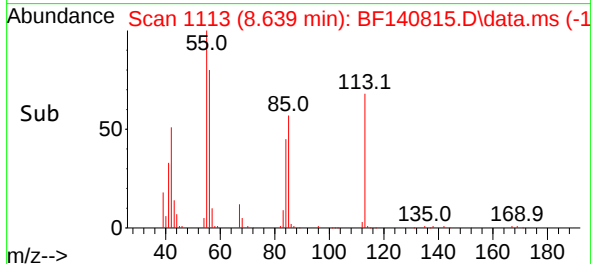
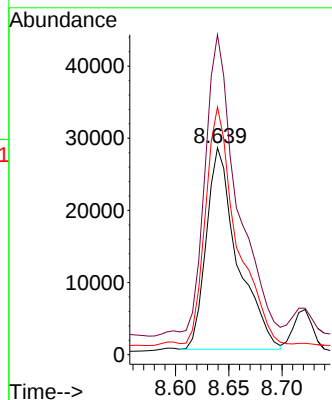
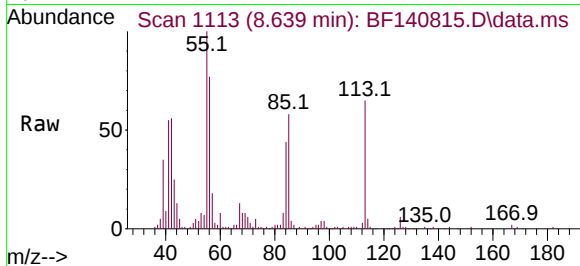




#35
 Caprolactam
 Concen: 38.131 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. 0.035 min
 Lab File: BF140815.D
 Acq: 10 Dec 2024 19:18

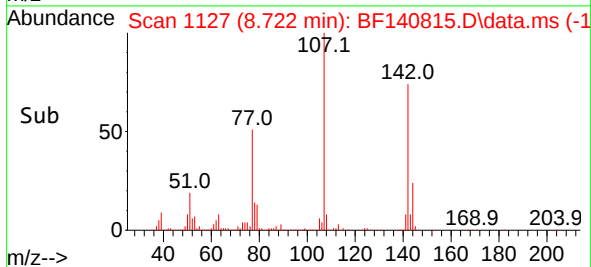
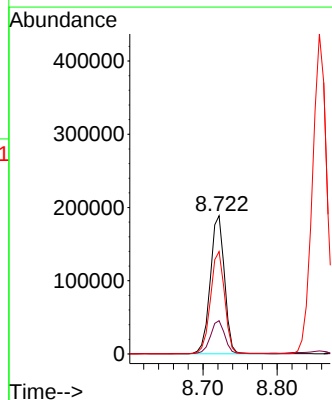
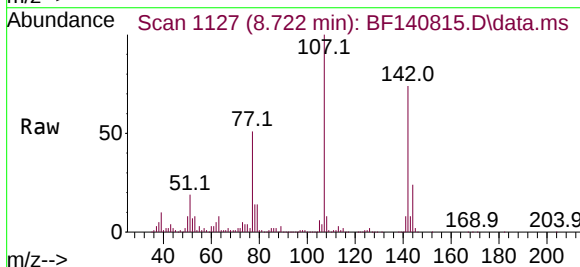
Instrument :
 BNA_F
 ClientSampleId :
 TP-12MS

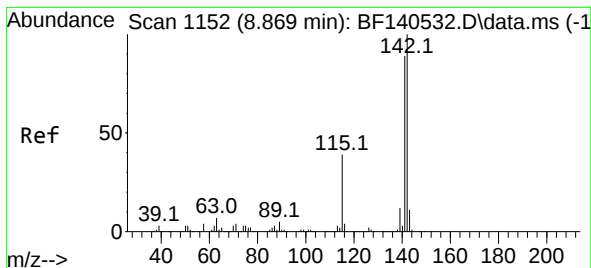
Tgt Ion:113 Resp: 56677
 Ion Ratio Lower Upper
 113 100
 55 154.7 137.7 177.7
 56 119.7 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.852 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF140815.D
 Acq: 10 Dec 2024 19:18

Tgt Ion:107 Resp: 251948
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.7 28.1
 142 74.0 58.3 87.5





#37

2-Methylnaphthalene

Concen: 52.703 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

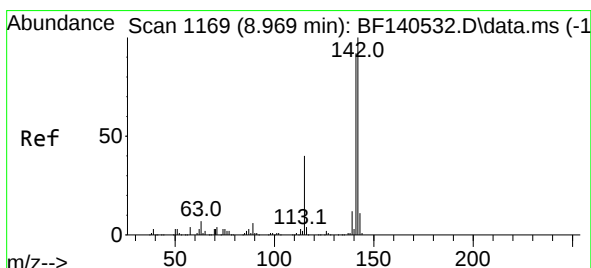
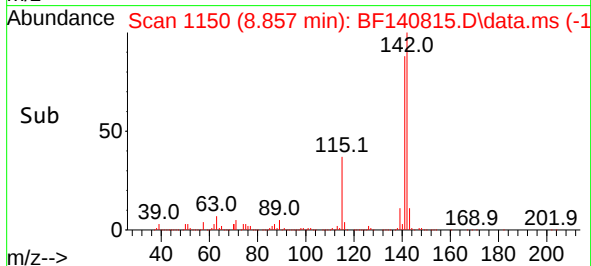
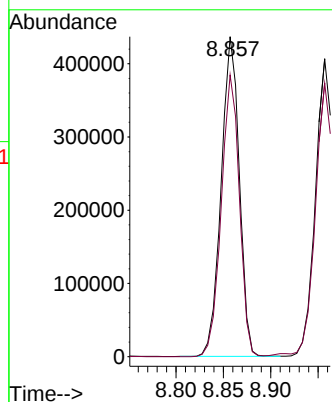
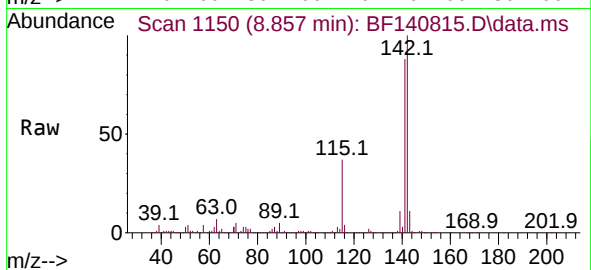
TP-12MS

Tgt Ion:142 Resp: 583353

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 49.339 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140815.D

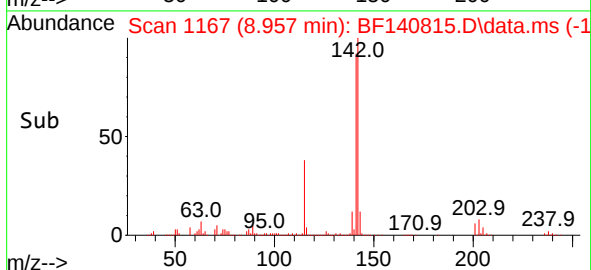
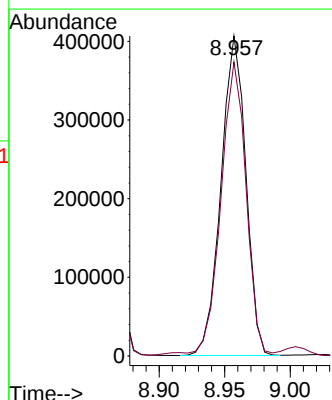
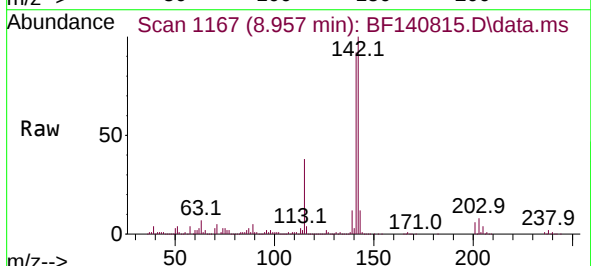
Acq: 10 Dec 2024 19:18

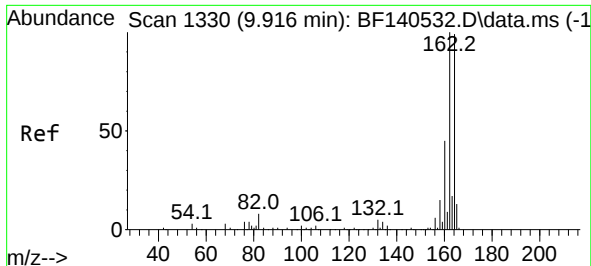
Tgt Ion:142 Resp: 535307

Ion Ratio Lower Upper

142 100

141 91.8 73.3 109.9

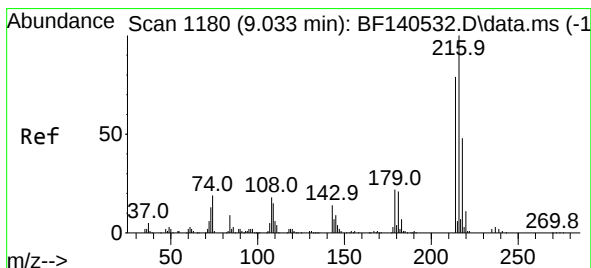
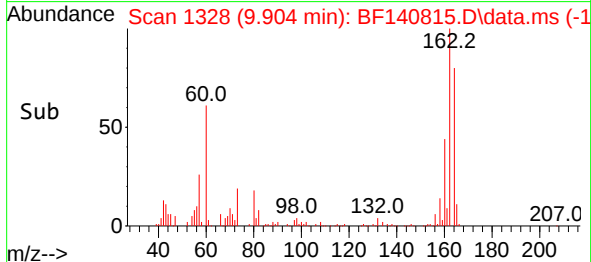
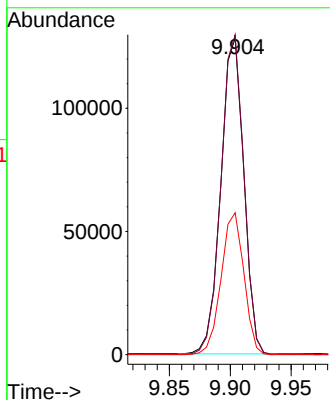
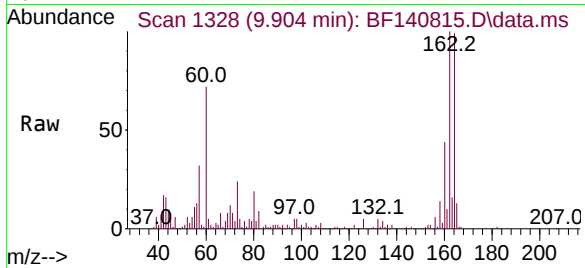




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

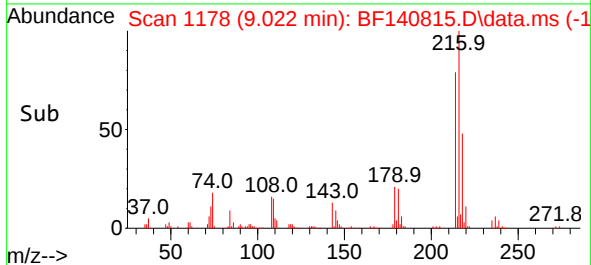
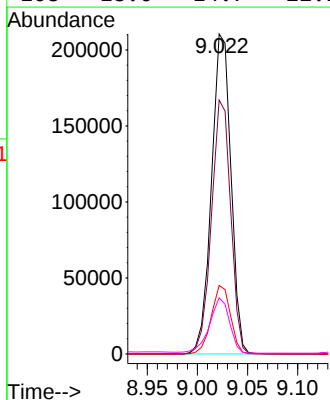
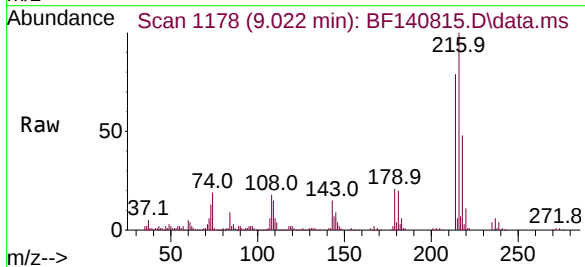
Instrument :
BNA_F
ClientSampleId :
TP-12MS

Tgt Ion:164 Resp: 167935
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.644 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:216 Resp: 283394
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.2 17.5 26.3
108 18.0 14.7 22.1

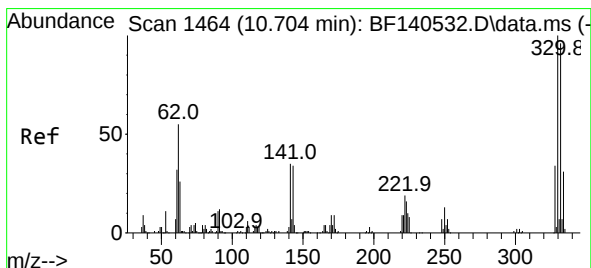
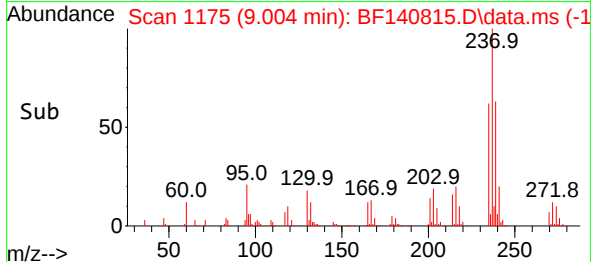
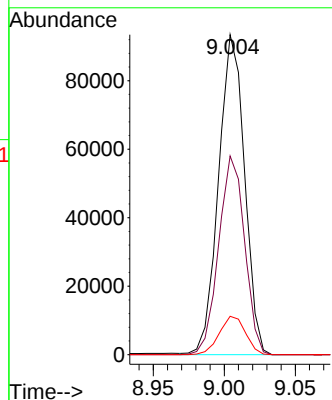
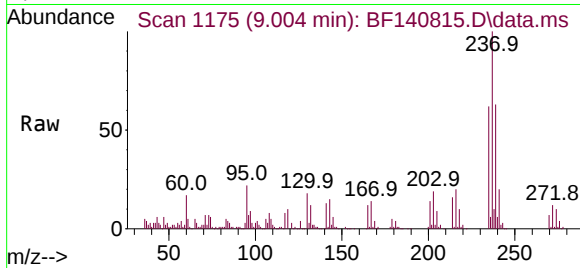




#41
Hexachlorocyclopentadiene
Concen: 105.084 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

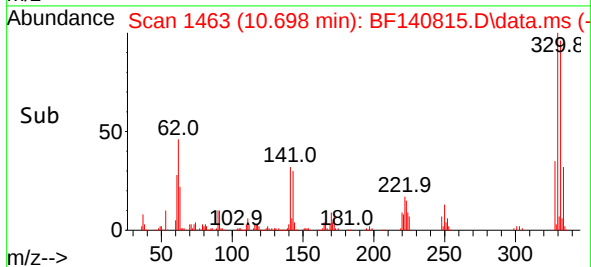
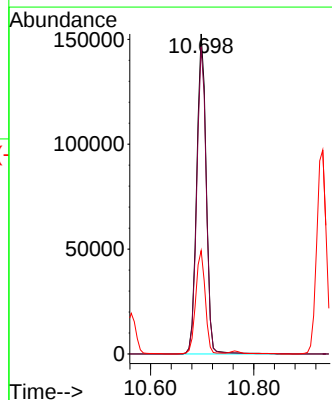
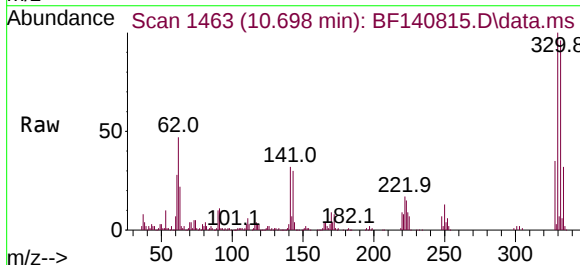
Instrument :
BNA_F
ClientSampleId :
TP-12MS

Tgt Ion:237 Resp: 118905
Ion Ratio Lower Upper
237 100
235 62.1 41.1 81.1
272 12.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 108.418 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:330 Resp: 194727
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 32.4 26.7 40.1

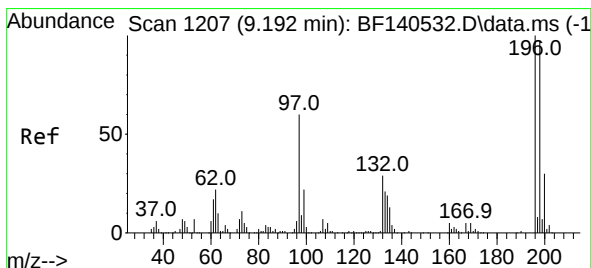
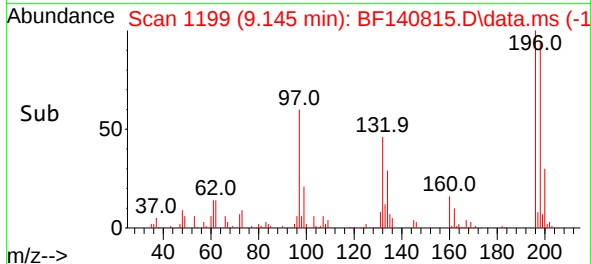
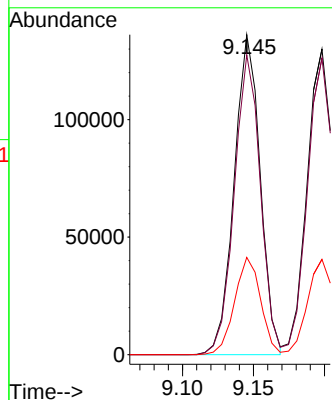
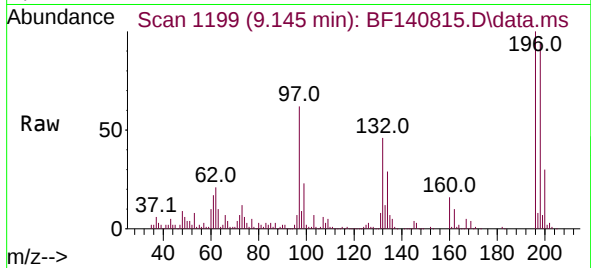




#43
2,4,6-Trichlorophenol
Concen: 56.380 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

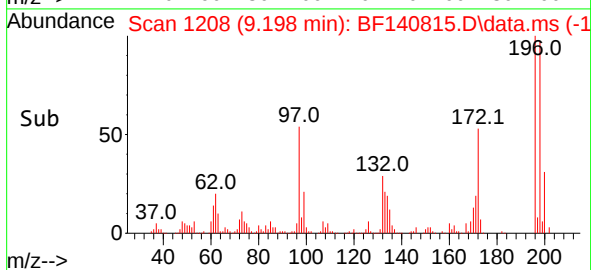
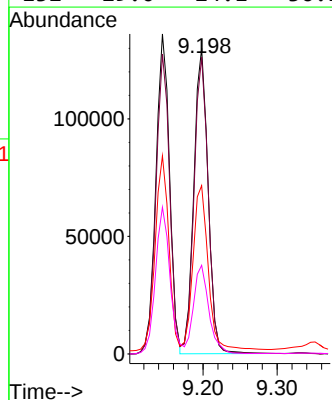
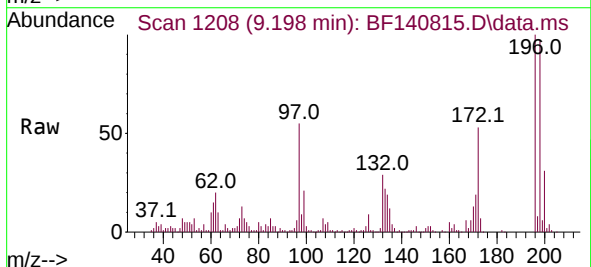
Instrument :
BNA_F
ClientSampleId :
TP-12MS

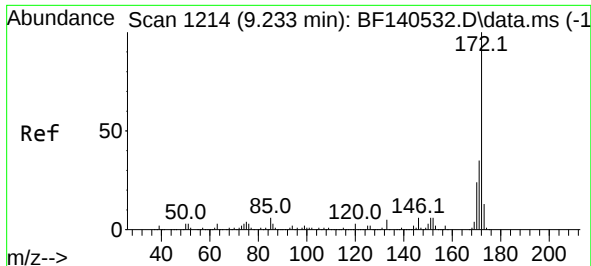
Tgt Ion:196 Resp: 173927
Ion Ratio Lower Upper
196 100
198 93.7 76.8 115.2
200 30.4 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 51.776 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:196 Resp: 173349
Ion Ratio Lower Upper
196 100
198 97.1 77.2 115.8
97 55.1 47.1 70.7
132 29.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 84.036 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

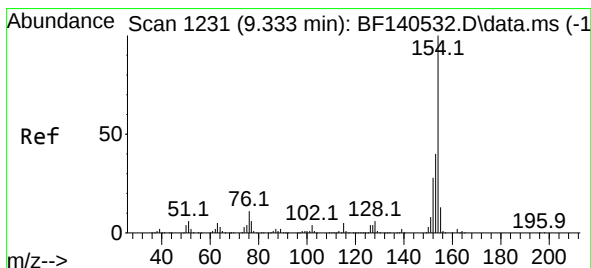
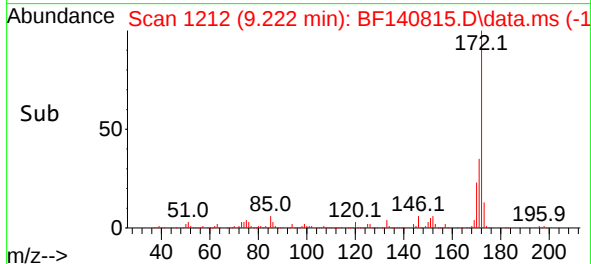
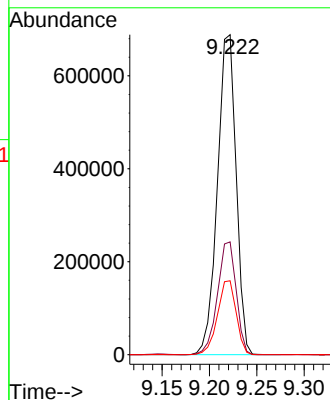
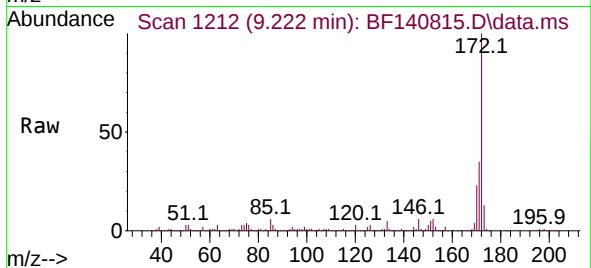
Tgt Ion:172 Resp: 947185

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 54.945 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

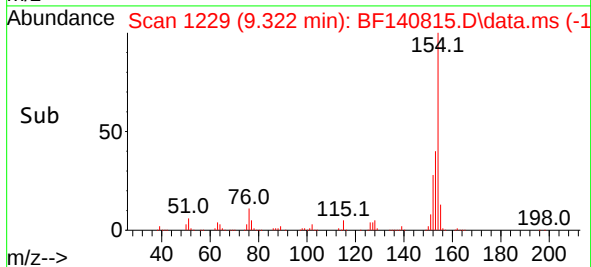
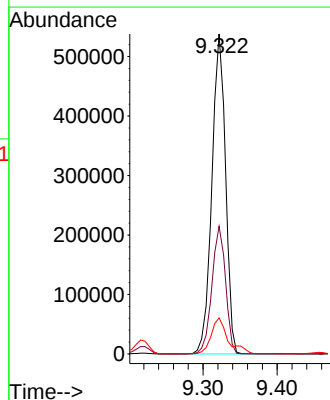
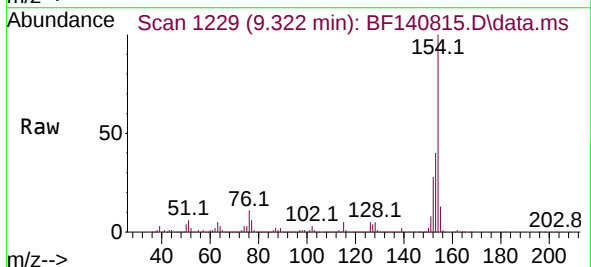
Tgt Ion:154 Resp: 688912

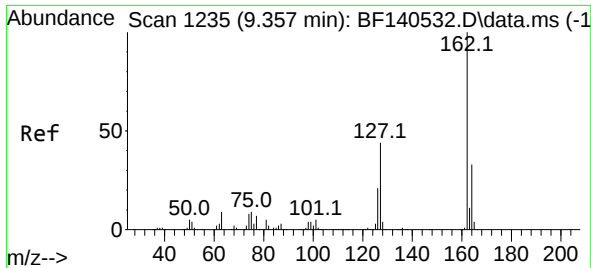
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 11.3 0.0 31.2

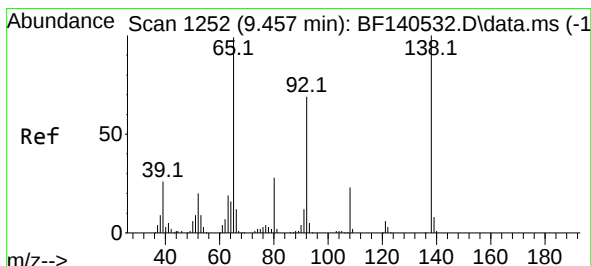
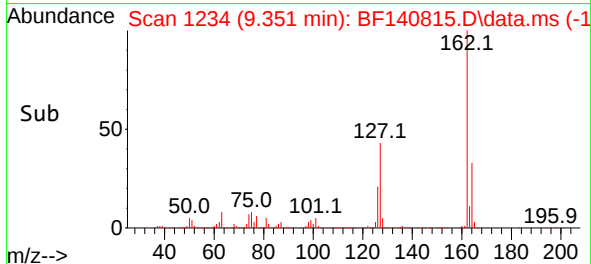
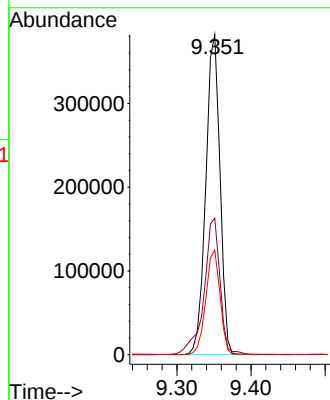
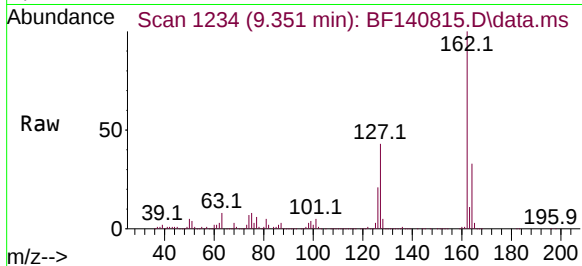




#47
2-Chloronaphthalene
Concen: 53.675 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

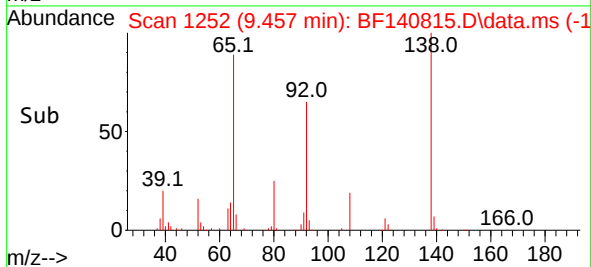
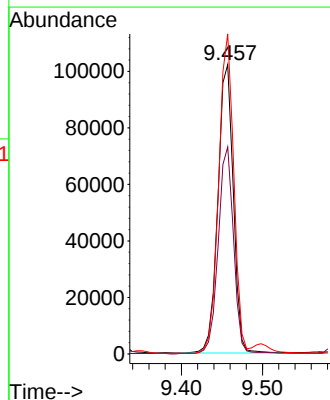
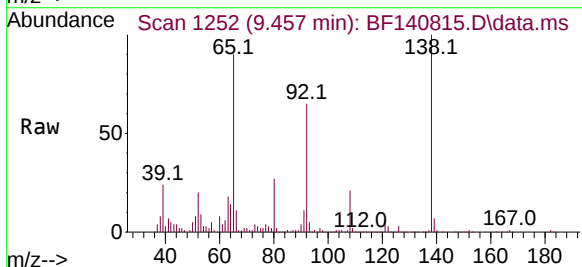
Instrument :
BNA_F
ClientSampleId :
TP-12MS

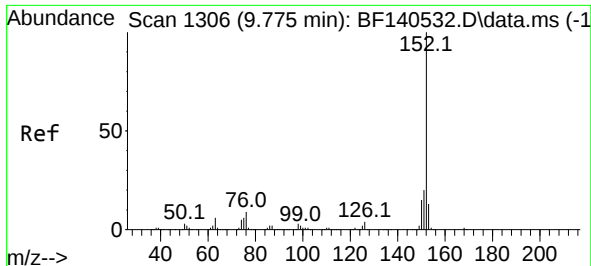
Tgt Ion:162 Resp: 509936
Ion Ratio Lower Upper
162 100
127 42.6 35.7 53.5
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 44.290 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion: 65 Resp: 135060
Ion Ratio Lower Upper
65 100
92 71.5 56.1 84.1
138 110.6 81.0 121.6





#49

Acenaphthylene

Concen: 57.885 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

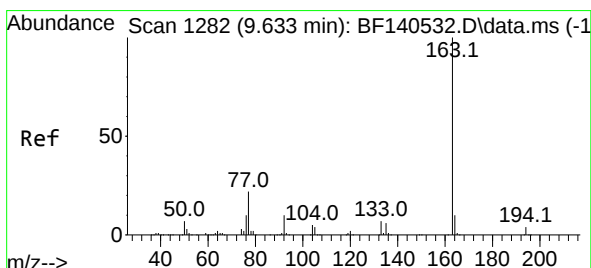
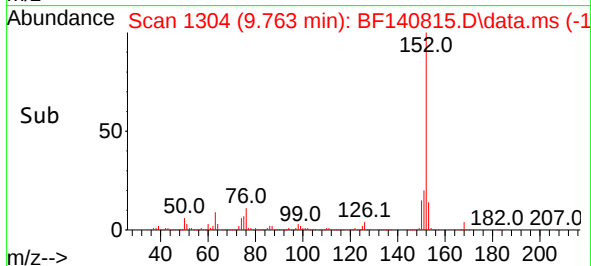
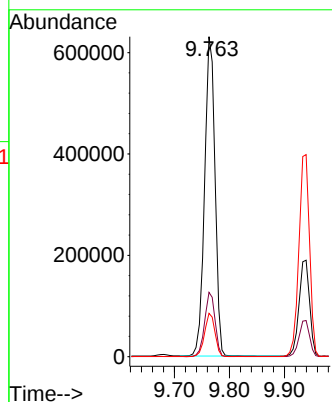
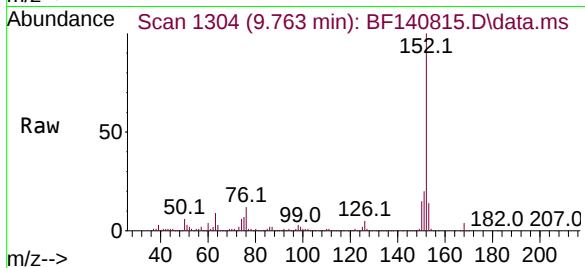
Tgt Ion:152 Resp: 830918

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.6 10.6 16.0



#50

Dimethylphthalate

Concen: 53.183 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

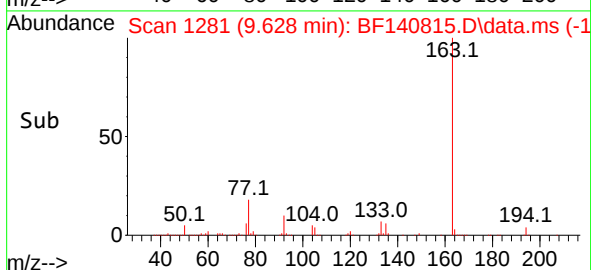
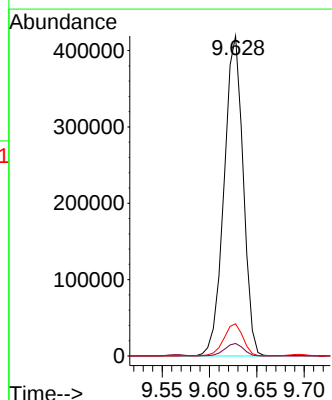
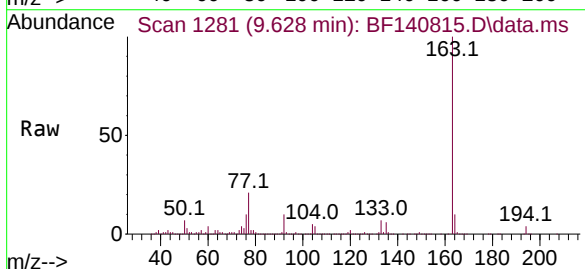
Tgt Ion:163 Resp: 588211

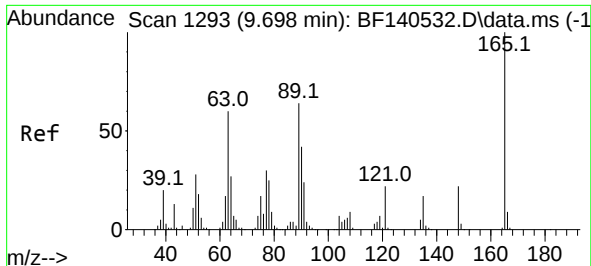
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.2

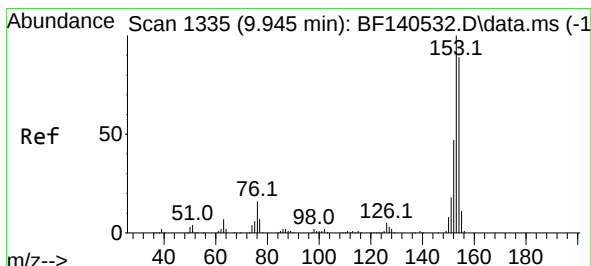
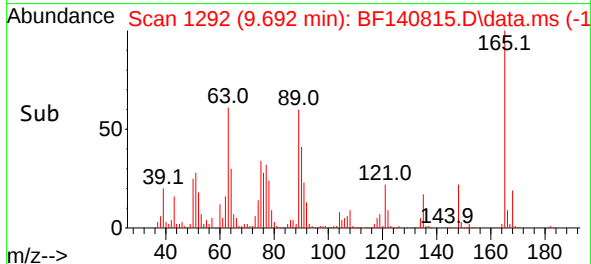
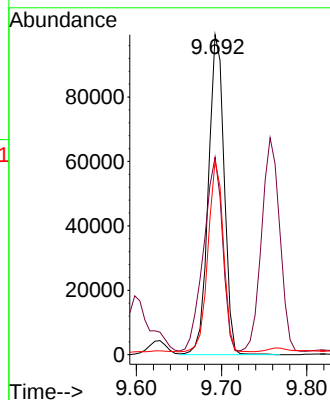
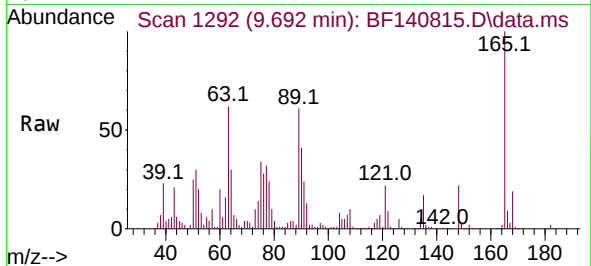




#51
2,6-Dinitrotoluene
Concen: 50.771 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

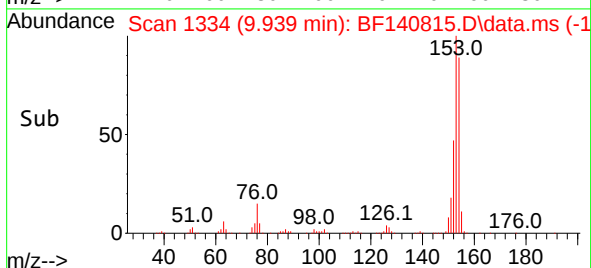
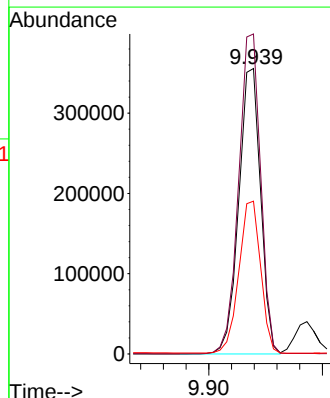
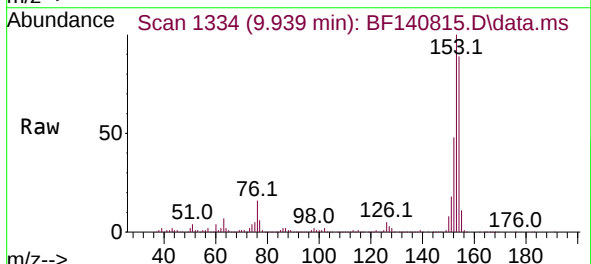
Instrument :
BNA_F
ClientSampleId :
TP-12MS

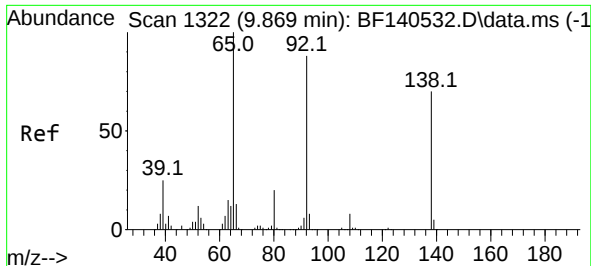
Tgt Ion:165 Resp: 127352
Ion Ratio Lower Upper
165 100
63 61.7 49.9 74.9
89 60.6 50.9 76.3



#52
Acenaphthene
Concen: 52.103 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:154 Resp: 475220
Ion Ratio Lower Upper
154 100
153 112.1 89.7 134.5
152 53.5 42.5 63.7

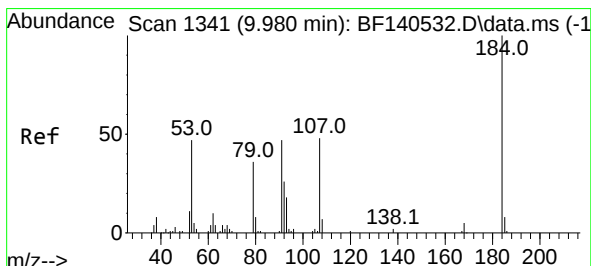
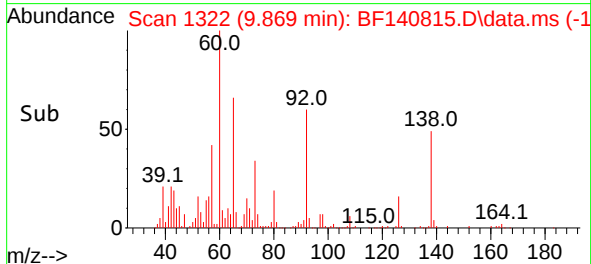
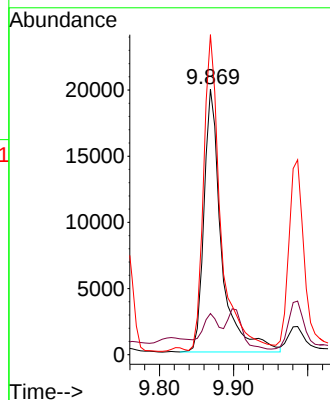
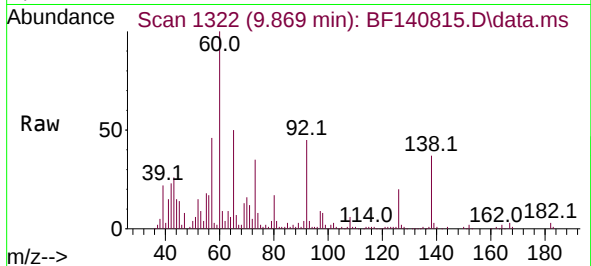




#53
3-Nitroaniline
Concen: 13.360 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

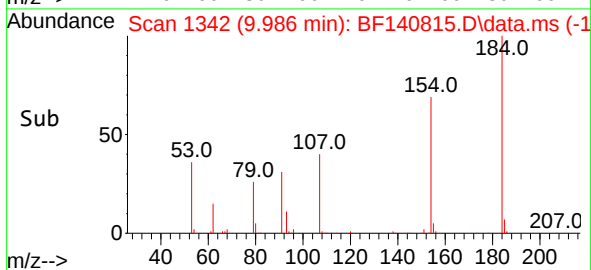
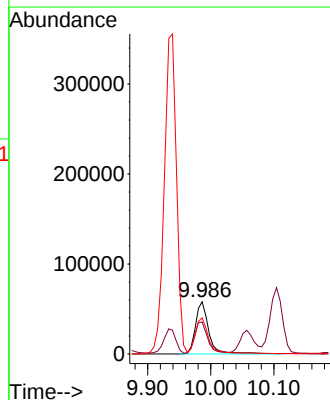
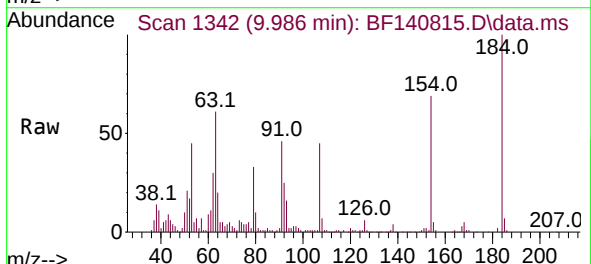
Instrument :
BNA_F
ClientSampleId :
TP-12MS

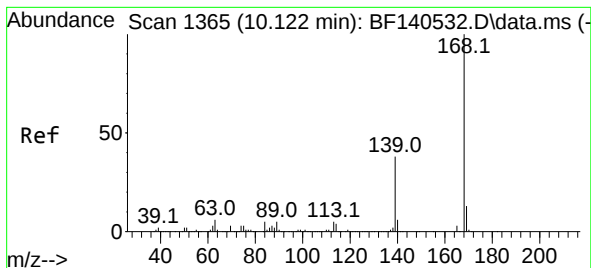
Tgt Ion:138 Resp: 32777
Ion Ratio Lower Upper
138 100
108 15.5 9.2 13.8#
92 120.5 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 66.633 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:184 Resp: 84681
Ion Ratio Lower Upper
184 100
63 61.3 54.1 81.1
154 69.4 57.4 86.0





#55

Dibenzenofuran

Concen: 51.579 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

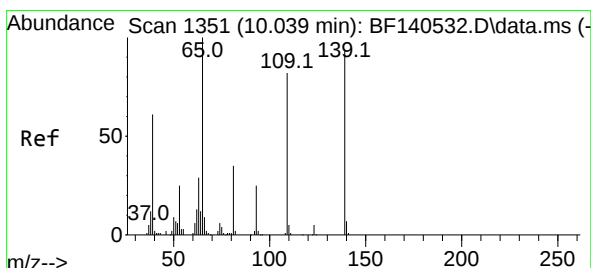
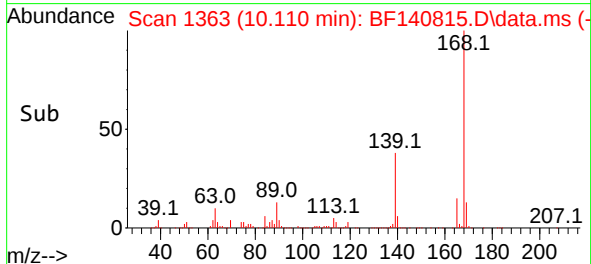
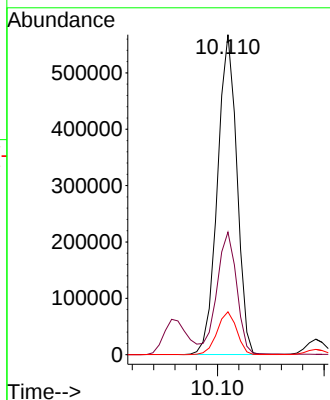
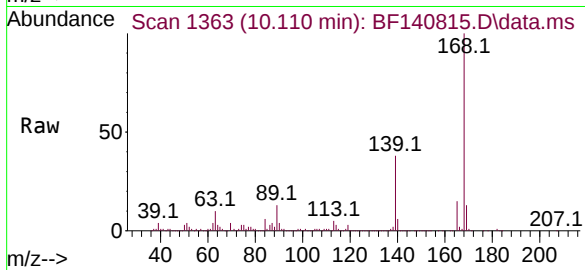
Tgt Ion:168 Resp: 717573

Ion Ratio Lower Upper

168 100

139 38.3 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 57.793 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

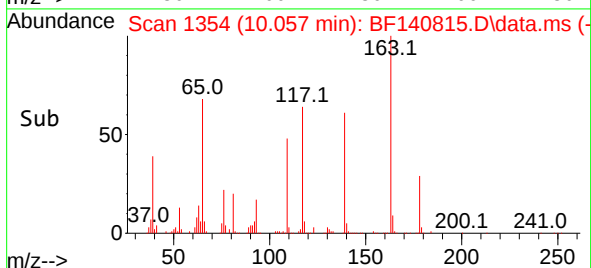
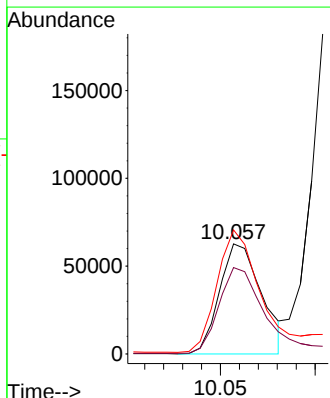
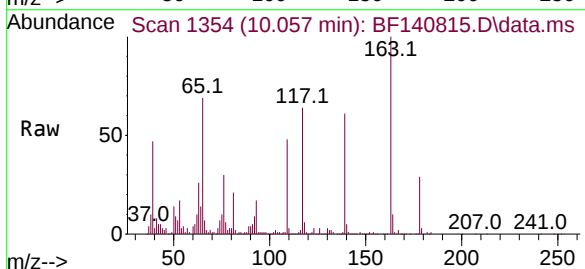
Tgt Ion:139 Resp: 96696

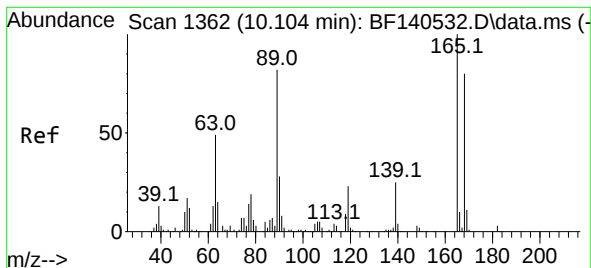
Ion Ratio Lower Upper

139 100

109 78.6 68.4 108.4

65 112.7 88.6 128.6

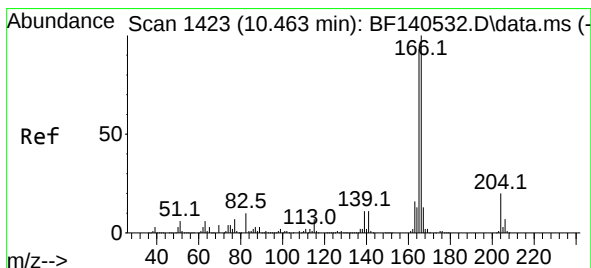
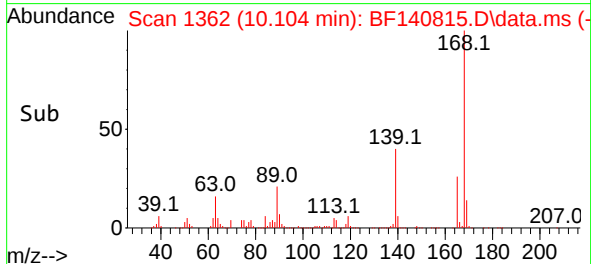
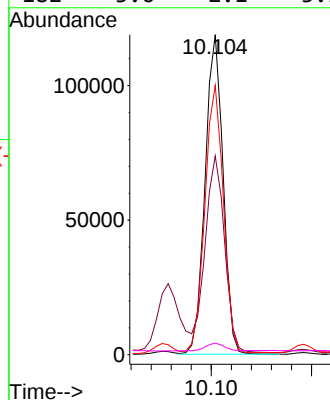
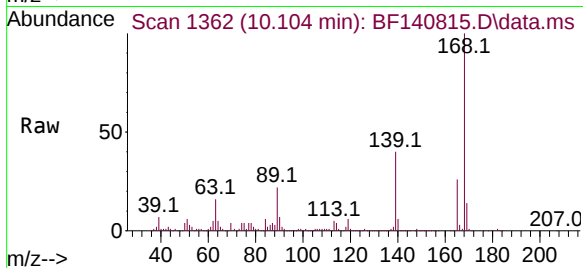




#57
2,4-Dinitrotoluene
Concen: 44.509 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

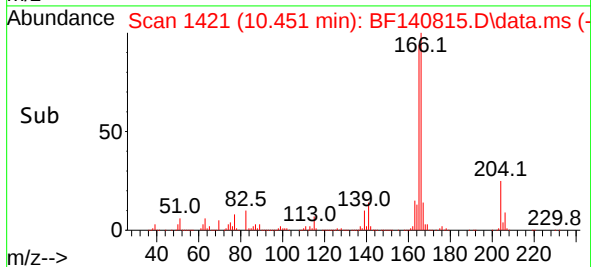
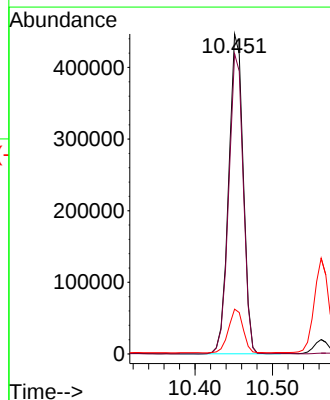
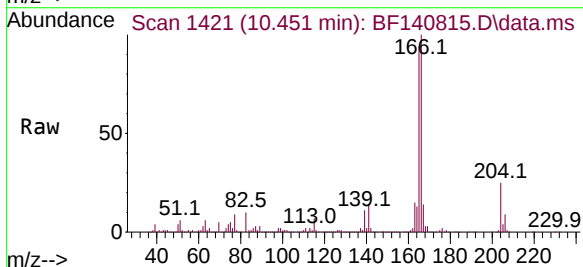
Instrument :
BNA_F
ClientSampleId :
TP-12MS

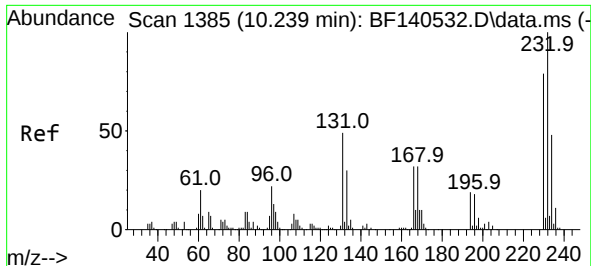
Tgt Ion:165 Resp: 148380
Ion Ratio Lower Upper
165 100
63 62.1 41.7 62.5
89 84.1 65.8 98.8
182 3.6 2.1 3.1#



#58
Fluorene
Concen: 52.117 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:166 Resp: 581977
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 14.0 10.6 16.0

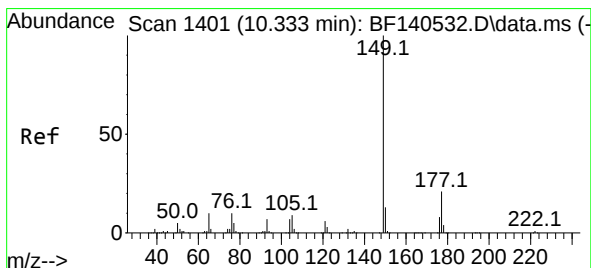
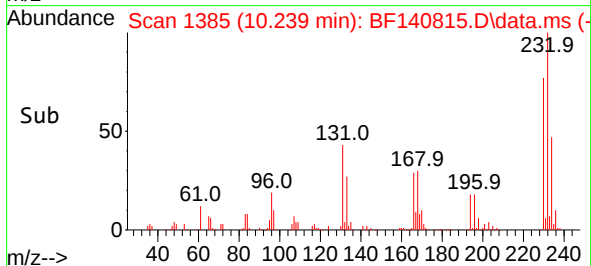
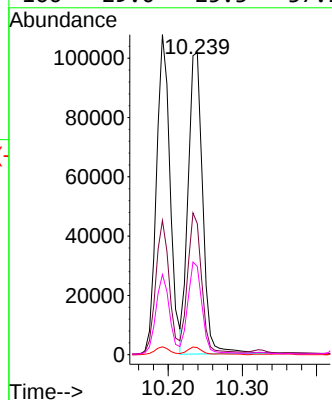
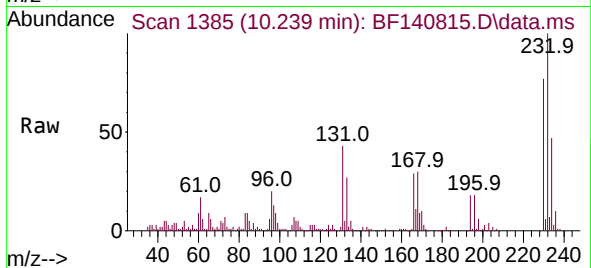




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.748 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

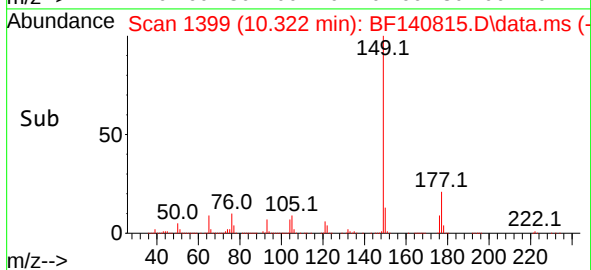
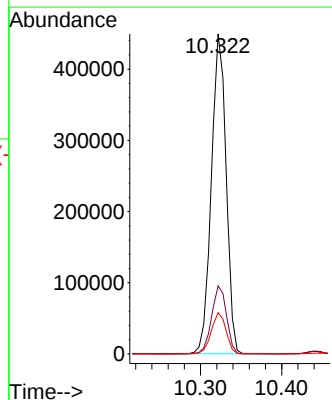
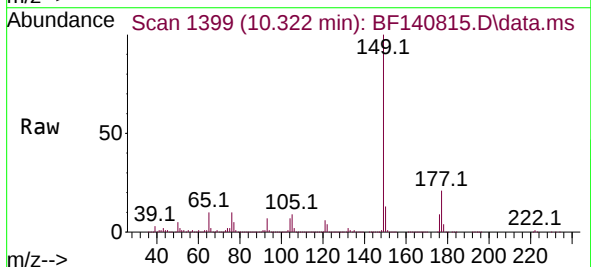
Instrument :
BNA_F
ClientSampleId :
TP-12MS

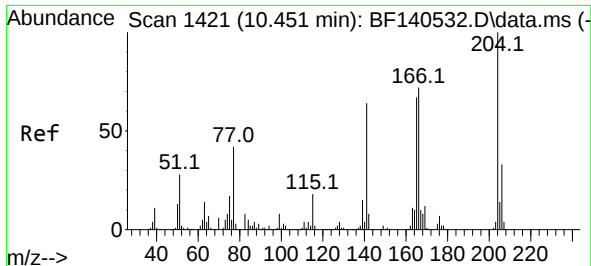
Tgt Ion:232 Resp: 138299
Ion Ratio Lower Upper
232 100
131 44.6 39.6 59.4
130 2.2 1.9 2.9
166 29.0 25.3 37.9



#60
Diethylphthalate
Concen: 50.363 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:149 Resp: 565938
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.9 10.1 15.1

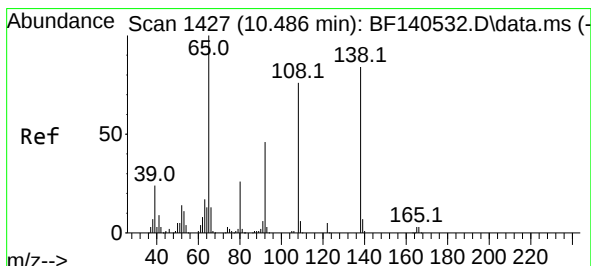
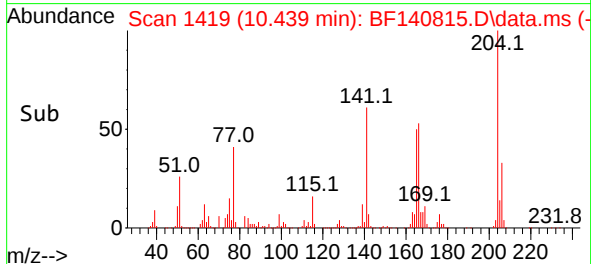
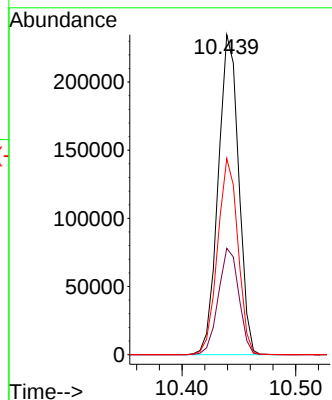
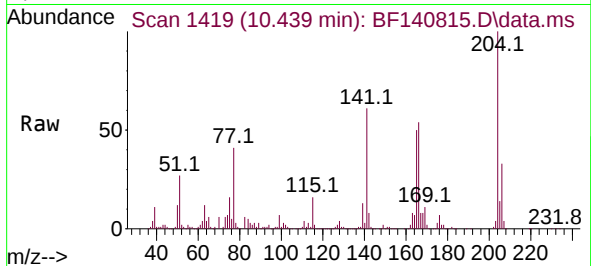




#61
4-Chlorophenyl-phenylether
Concen: 53.623 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

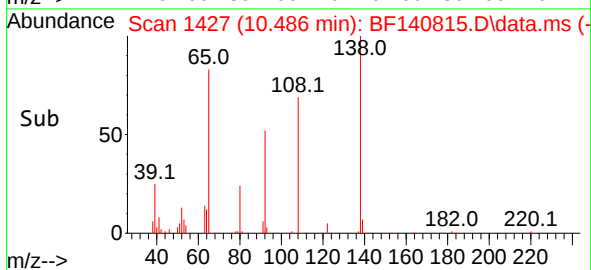
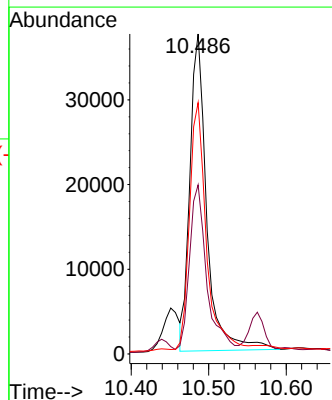
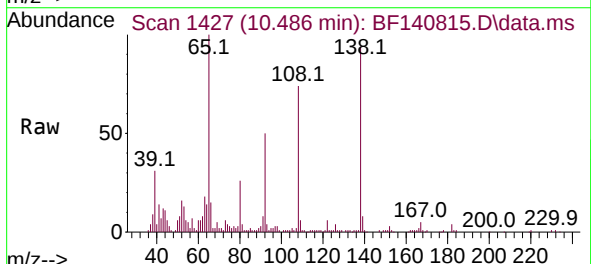
Instrument :
BNA_F
ClientSampleId :
TP-12MS

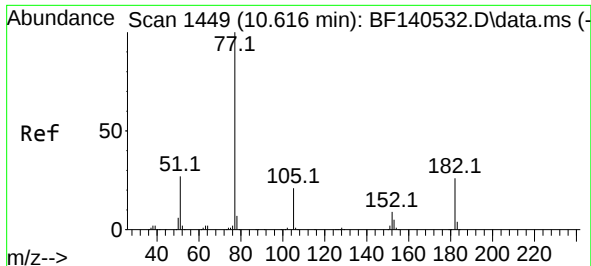
Tgt Ion:204 Resp: 293863
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 61.3 51.1 76.7



#62
4-Nitroaniline
Concen: 21.988 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:138 Resp: 56576
Ion Ratio Lower Upper
138 100
92 52.9 34.5 74.5
108 78.5 70.6 110.6

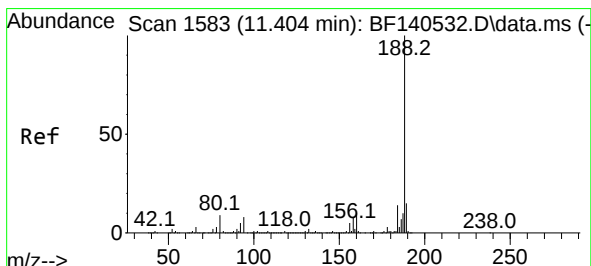
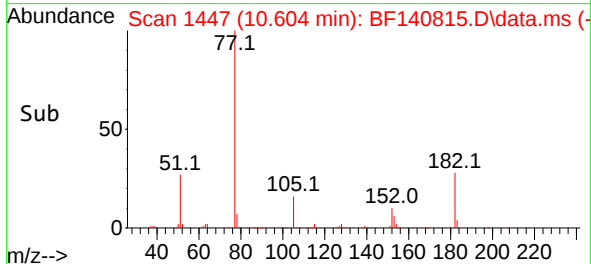
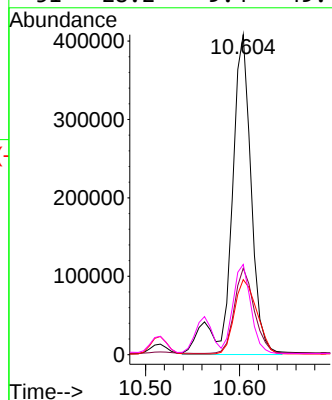
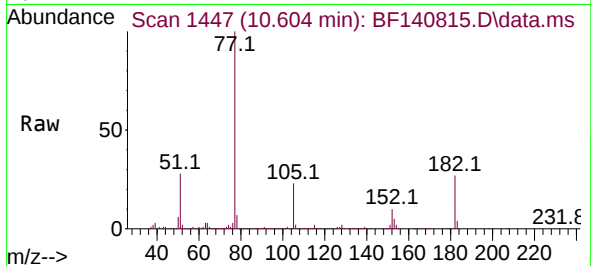




#63
Azobenzene
Concen: 55.919 ng m
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

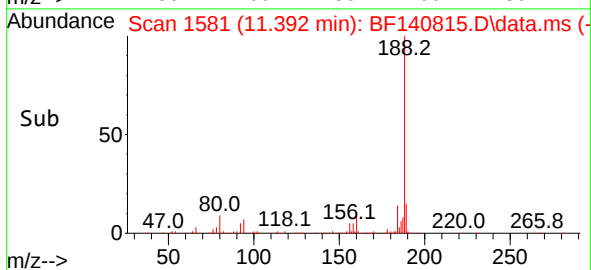
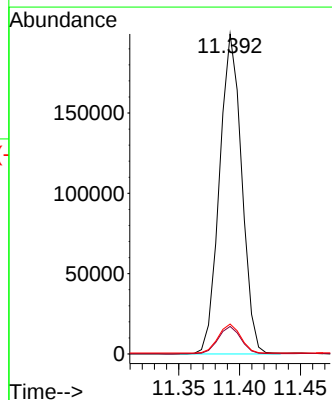
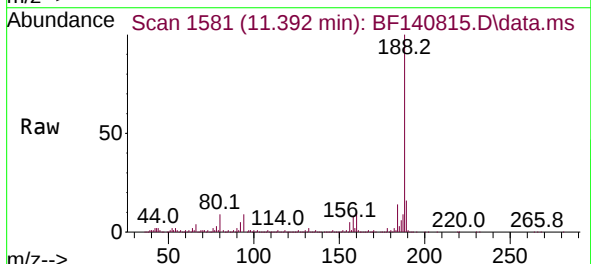
Instrument :
BNA_F
ClientSampleId :
TP-12MS

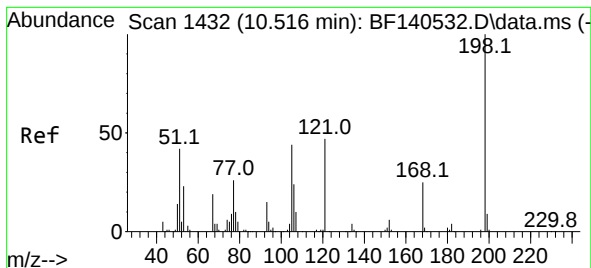
Tgt Ion: 77	Resp: 595065
Ion Ratio	Lower Upper
77 100	
182 27.0	5.3 45.3
105 23.5	0.3 40.3
51 28.2	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:188	Resp: 253503
Ion Ratio	Lower Upper
188 100	
94 8.6	6.4 9.6
80 9.4	6.9 10.3

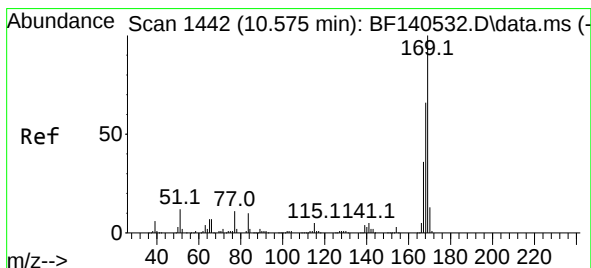
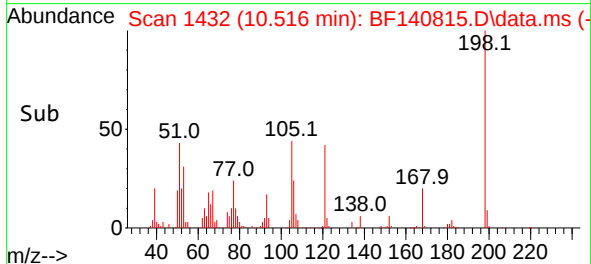
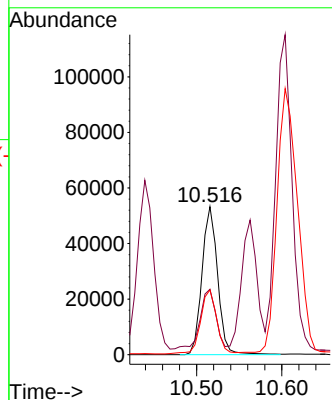
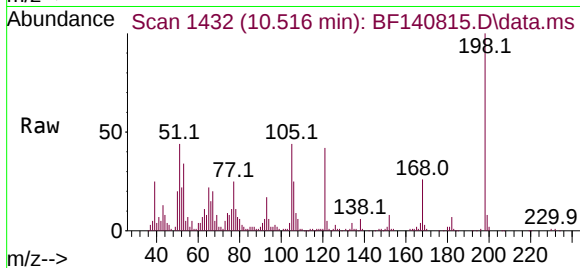




#65
4,6-Dinitro-2-methylphenol
Concen: 52.593 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

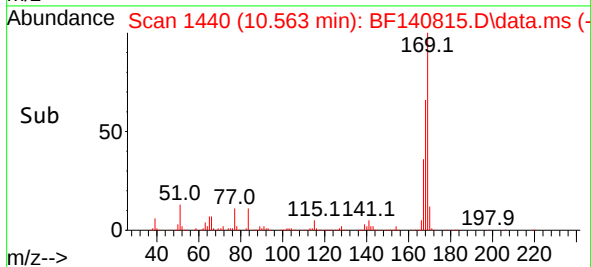
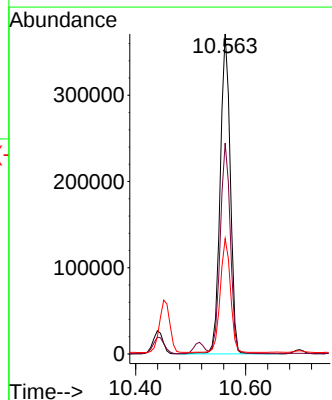
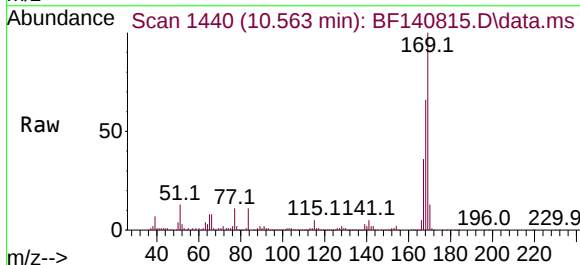
Instrument :
BNA_F
ClientSampleId :
TP-12MS

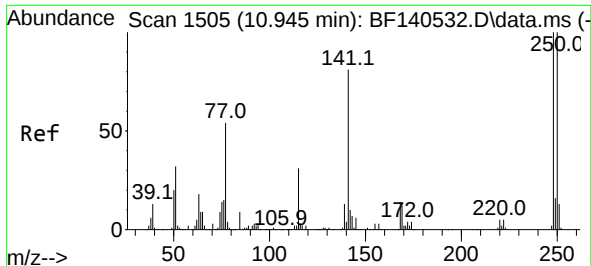
Tgt Ion:198 Resp: 68129
Ion Ratio Lower Upper
198 100
51 44.2 29.4 69.4
105 43.8 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 62.918 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:169 Resp: 471679
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.0 29.0 43.6

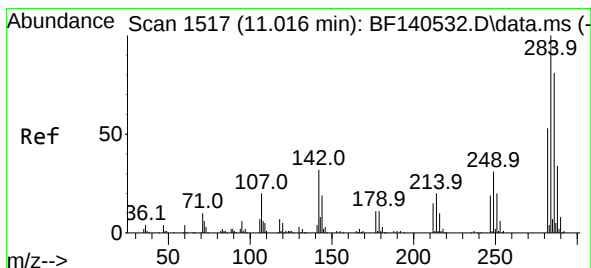
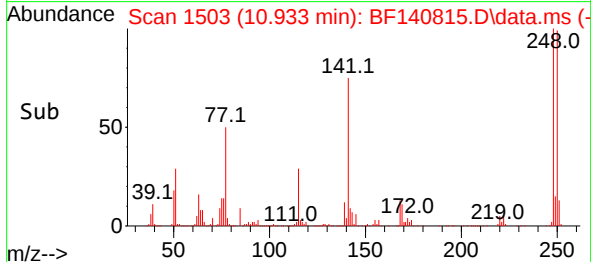
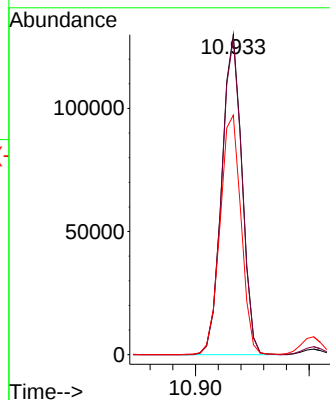
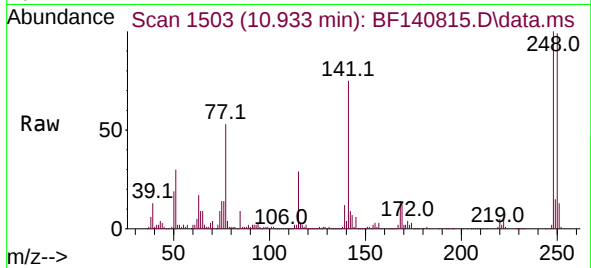




#67
4-Bromophenyl-phenylether
Concen: 61.651 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

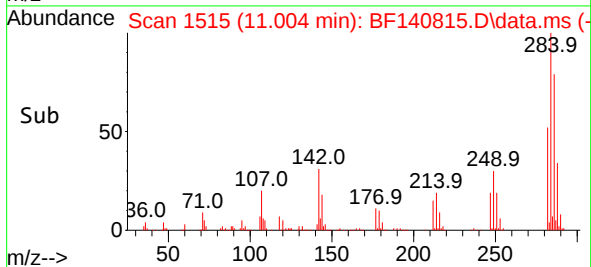
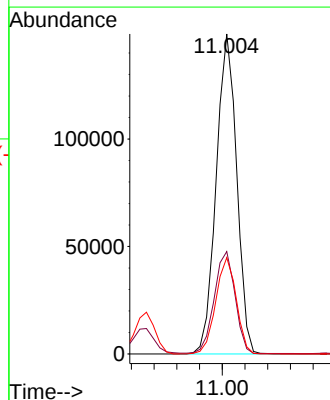
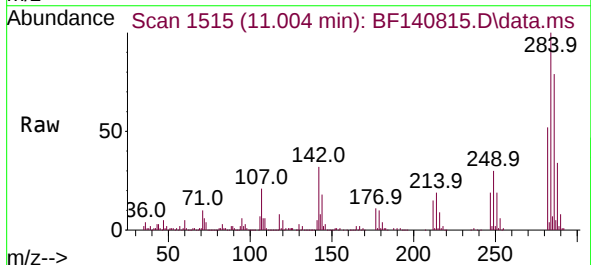
Instrument :
BNA_F
ClientSampleId :
TP-12MS

Tgt Ion:248 Resp: 160951
Ion Ratio Lower Upper
248 100
250 98.9 79.8 119.8
141 74.8 64.7 97.1



#68
Hexachlorobenzene
Concen: 61.713 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:284 Resp: 186555
Ion Ratio Lower Upper
284 100
142 32.0 25.3 37.9
249 30.1 24.8 37.2





#69

Atrazine

Concen: 54.361 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

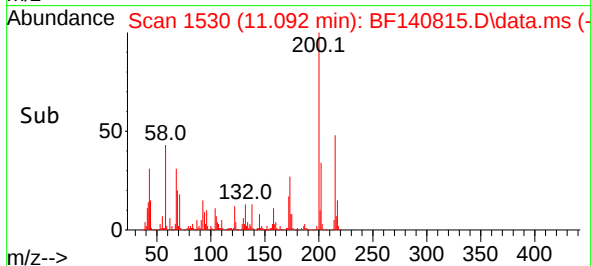
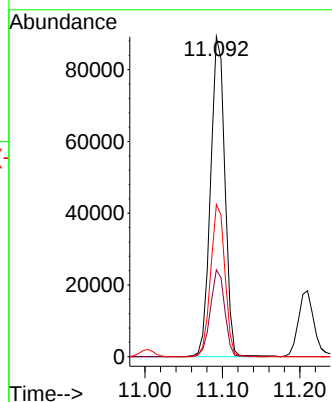
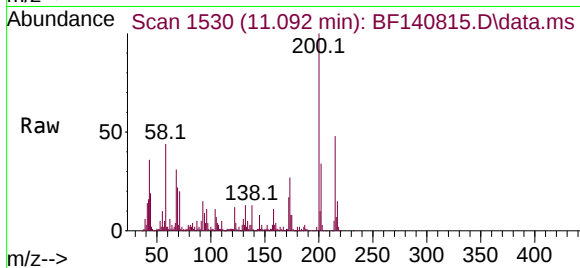
Tgt Ion:200 Resp: 114647

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

215 47.6 26.7 66.7



#70

Pentachlorophenol

Concen: 108.183 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

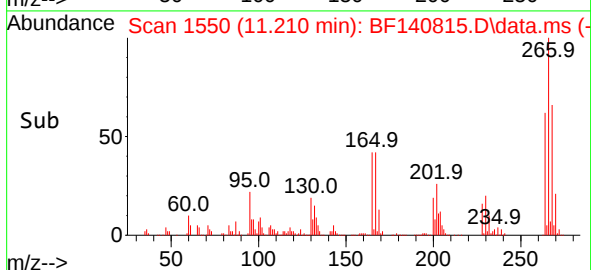
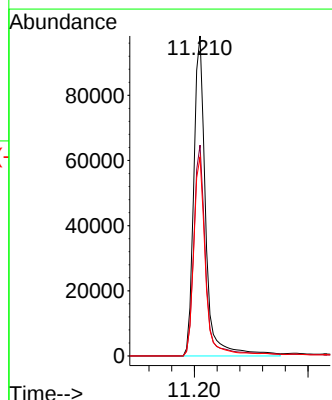
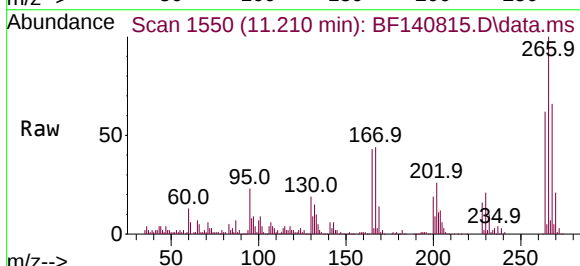
Tgt Ion:266 Resp: 143934

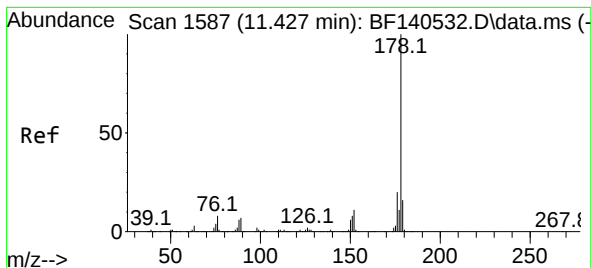
Ion Ratio Lower Upper

266 100

268 65.9 53.7 80.5

264 62.2 49.8 74.8





#71

Phenanthrene

Concen: 54.292 ng

RT: 11.422 min Scan# 1587

Delta R.T. -0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

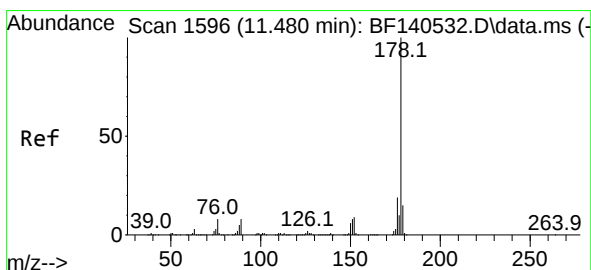
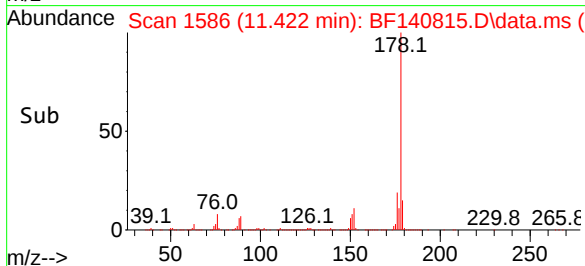
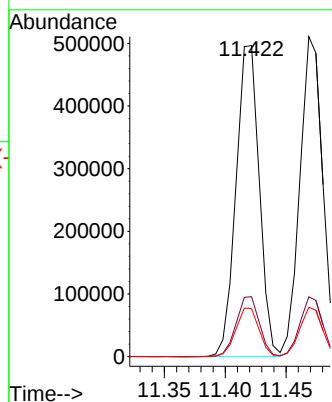
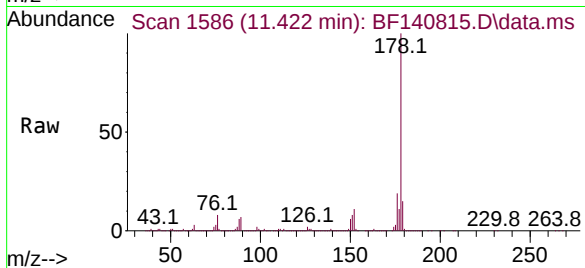
Tgt Ion:178 Resp: 661583

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.4 12.4 18.6



#72

Anthracene

Concen: 55.430 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

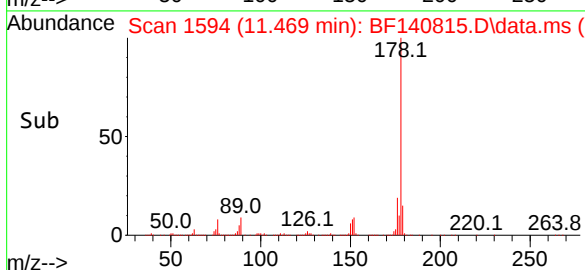
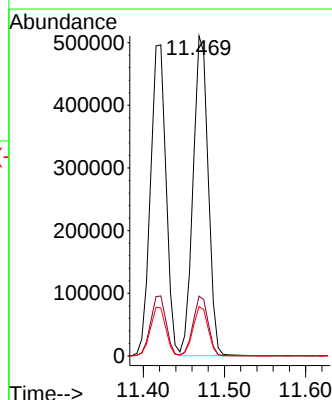
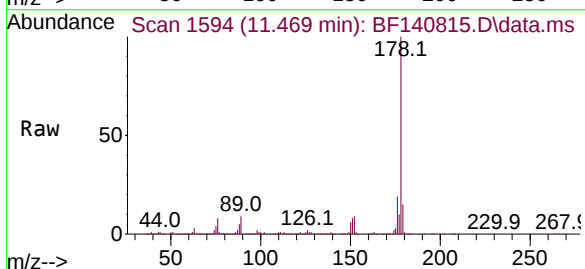
Tgt Ion:178 Resp: 660724

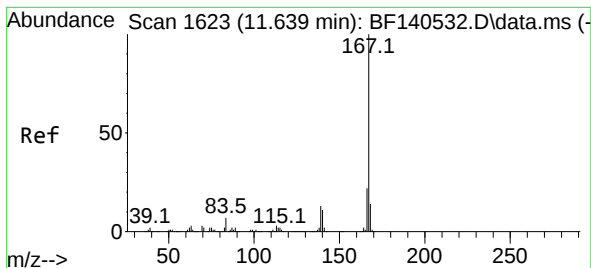
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.5 12.2 18.4





#73

Carbazole

Concen: 41.307 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

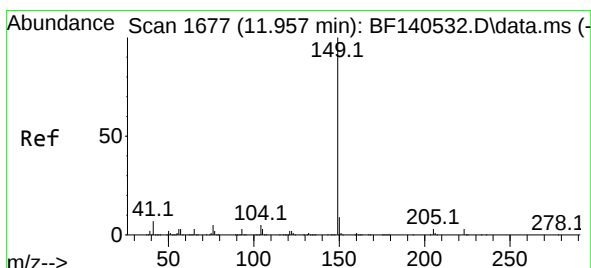
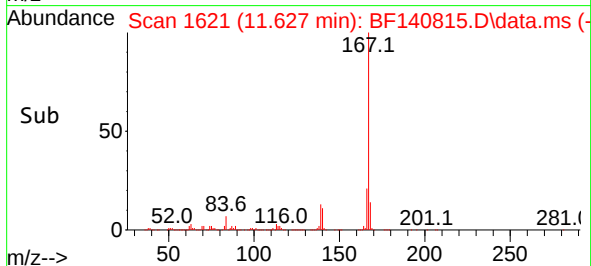
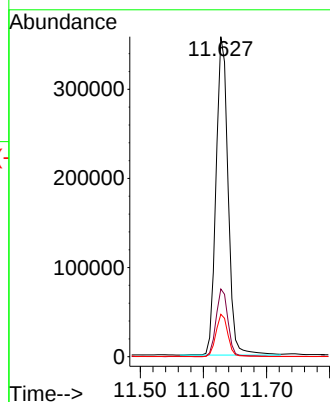
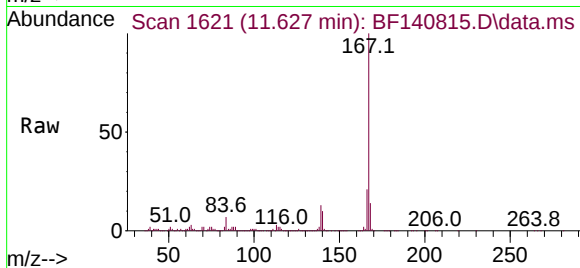
Tgt Ion:167 Resp: 473665

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 48.844 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

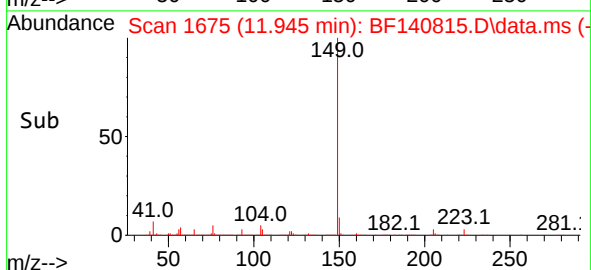
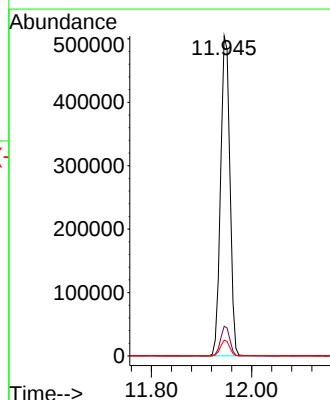
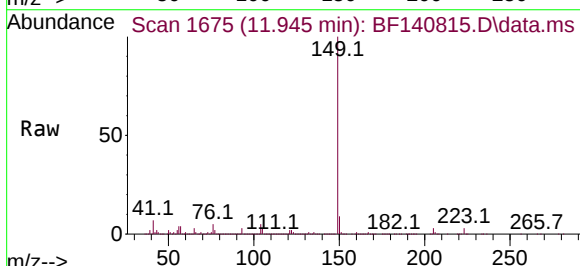
Tgt Ion:149 Resp: 646621

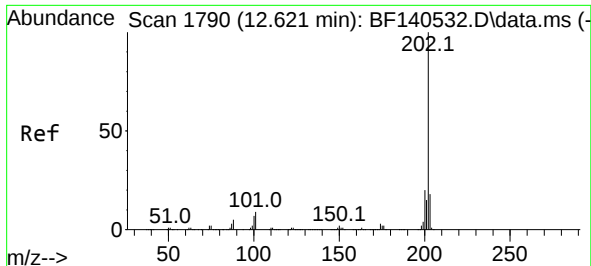
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1

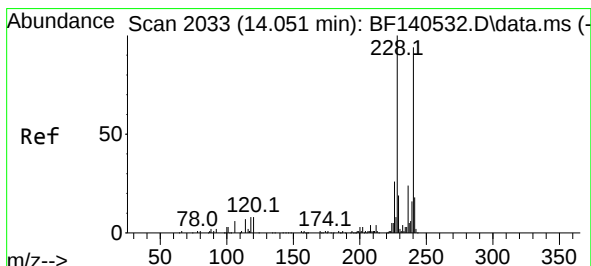
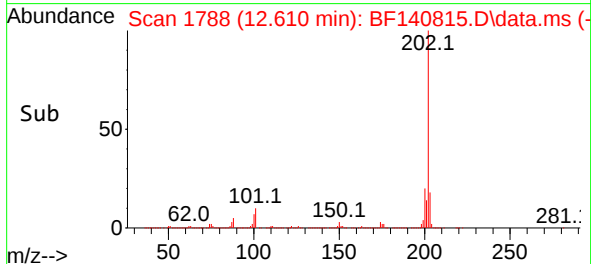
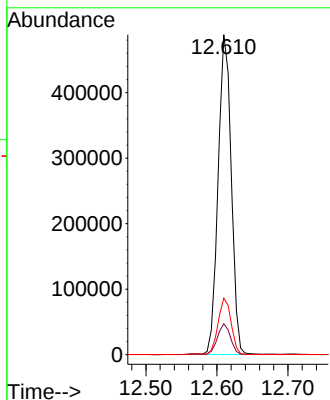
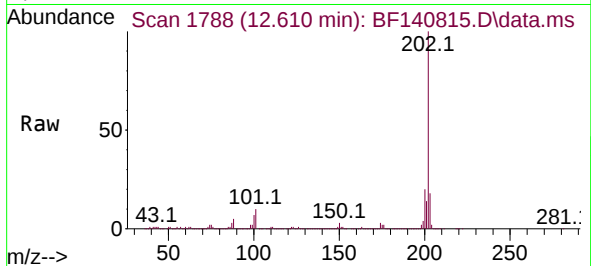




#75
Fluoranthene
Concen: 47.215 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

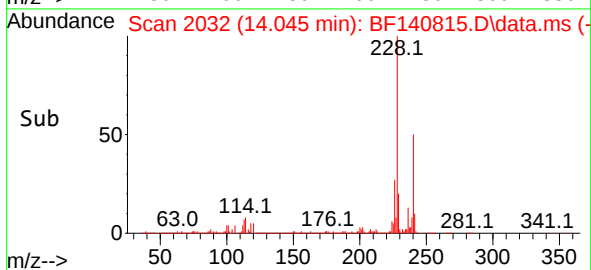
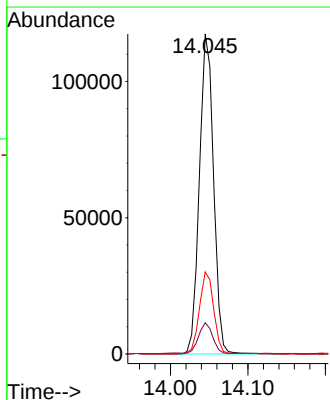
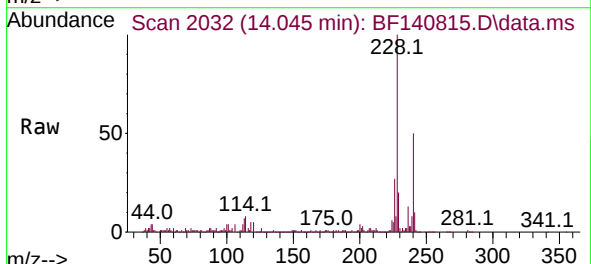
Instrument :
BNA_F
ClientSampleId :
TP-12MS

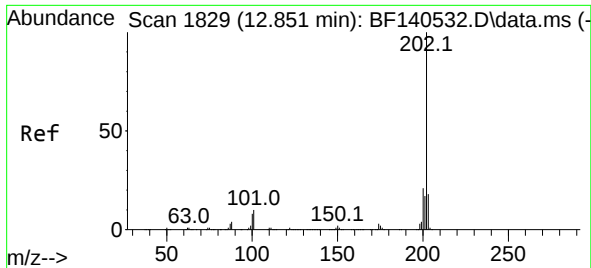
Tgt Ion:202 Resp: 624673
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.9
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:240 Resp: 149081
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.7 20.6 31.0

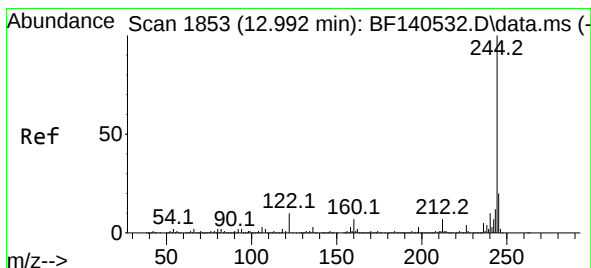
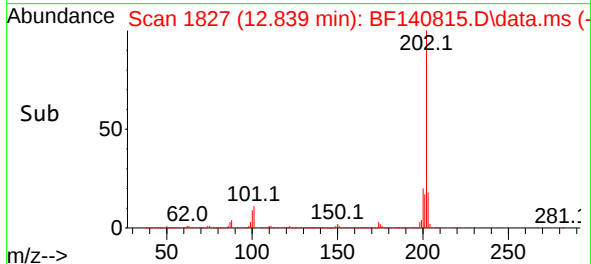
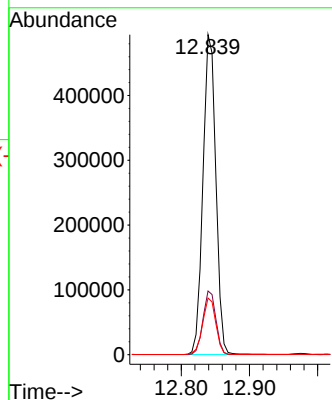
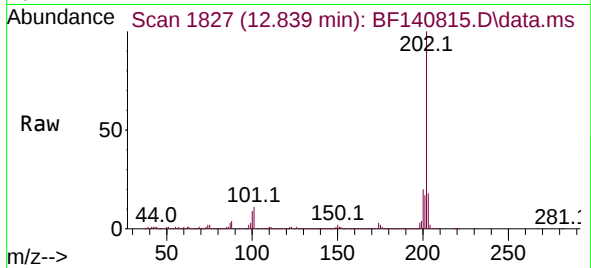




#78
Pyrene
Concen: 47.018 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

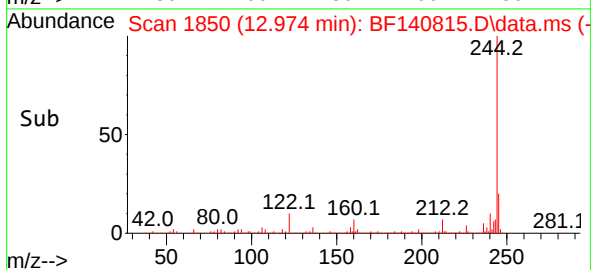
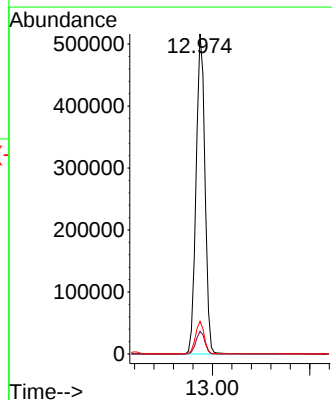
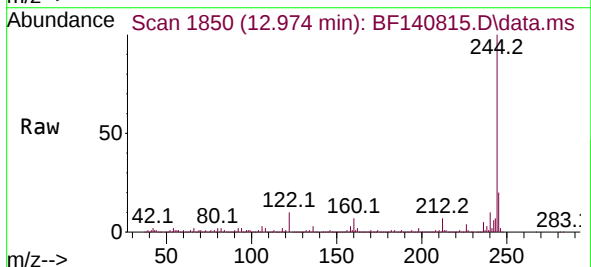
Instrument :
BNA_F
ClientSampleId :
TP-12MS

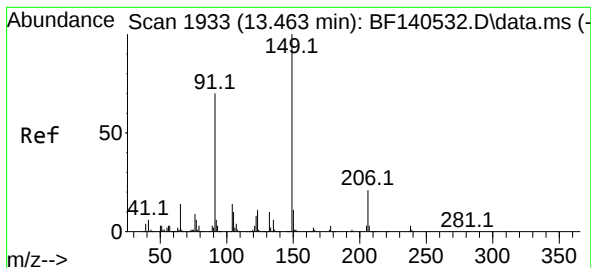
Tgt Ion:202 Resp: 648112
Ion Ratio Lower Upper
202 100
200 19.9 16.5 24.7
203 17.7 14.2 21.4



#79
Terphenyl-d14
Concen: 68.499 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.018 min
Lab File: BF140815.D
Acq: 10 Dec 2024 19:18

Tgt Ion:244 Resp: 655820
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.2 8.0 12.0





#80

Butylbenzylphthalate

Concen: 45.148 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

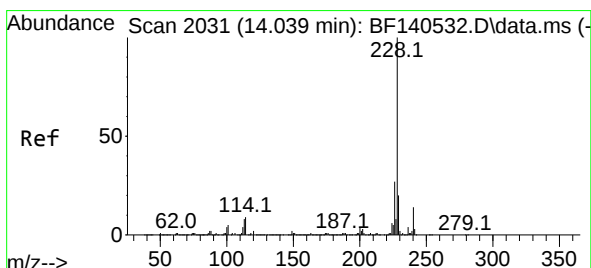
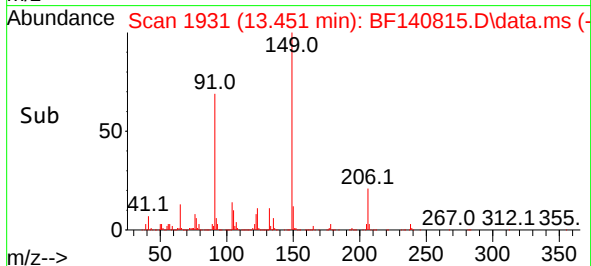
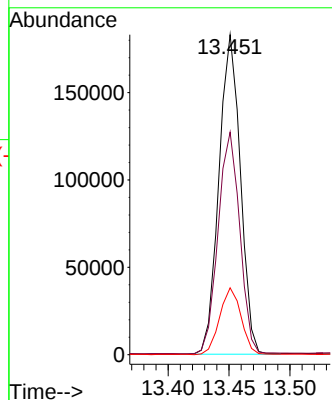
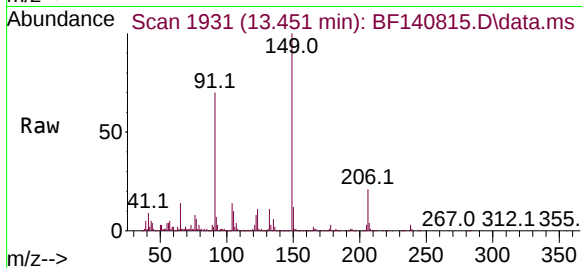
Tgt Ion:149 Resp: 224193

Ion Ratio Lower Upper

149 100

91 69.5 56.2 84.2

206 20.9 16.4 24.6



#81

Benzo(a)anthracene

Concen: 56.205 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

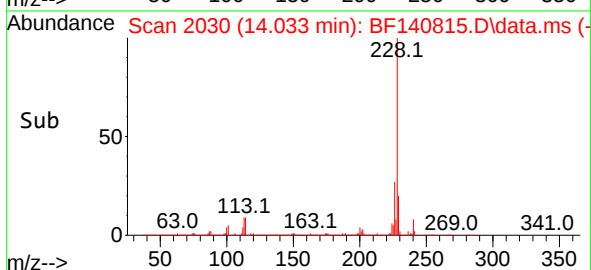
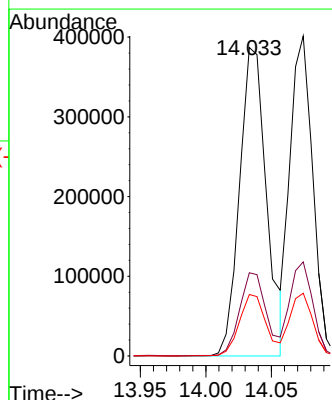
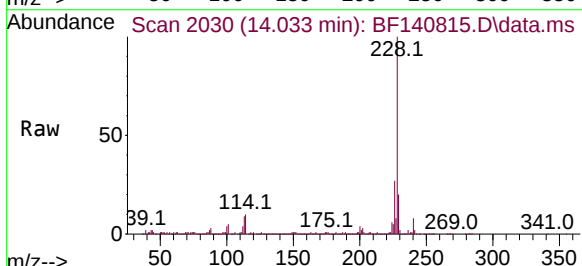
Tgt Ion:228 Resp: 554665

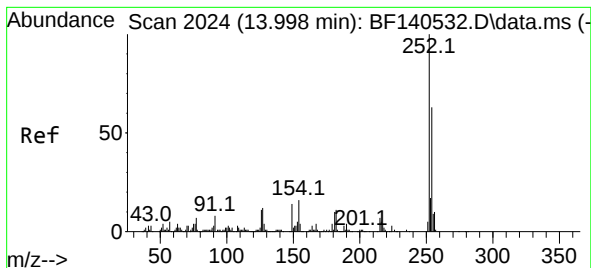
Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.9 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 14.011 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

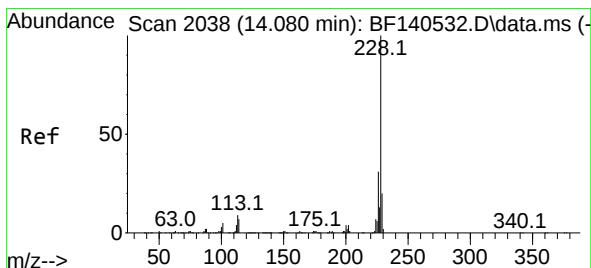
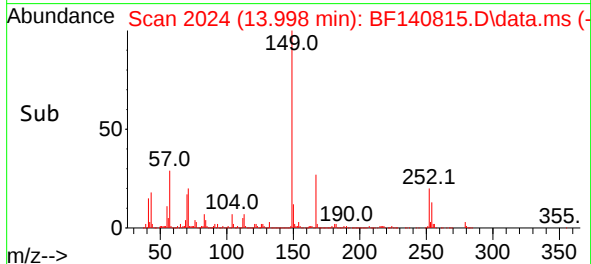
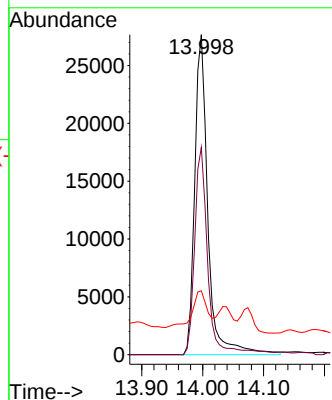
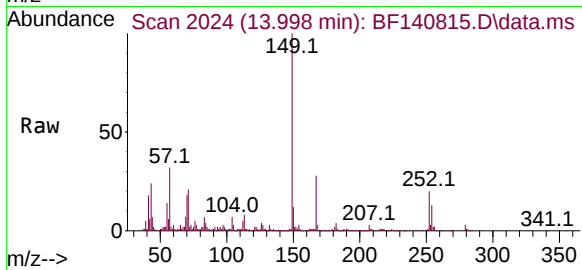
Tgt Ion:252 Resp: 41513

Ion Ratio Lower Upper

252 100

254 64.8 50.8 76.2

126 19.9 8.6 13.0#



#83

Chrysene

Concen: 53.373 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

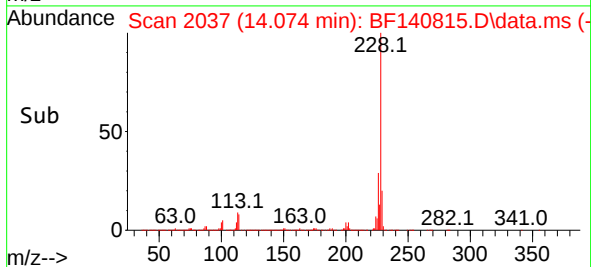
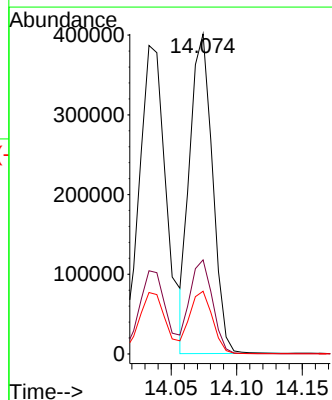
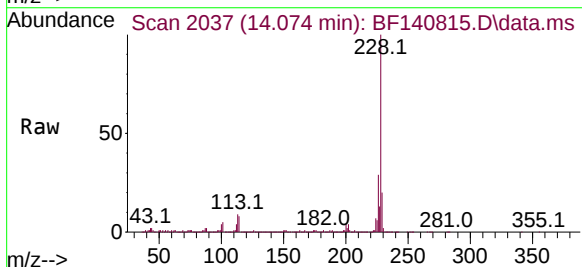
Tgt Ion:228 Resp: 481621

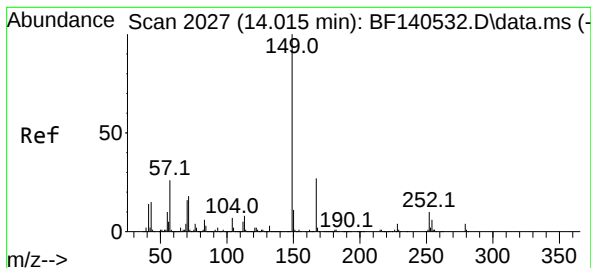
Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

229 19.6 15.8 23.6

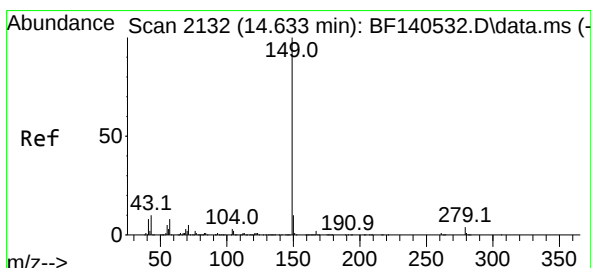
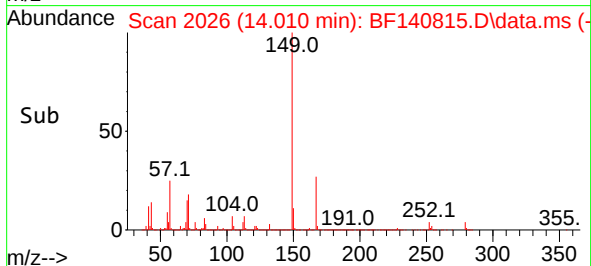
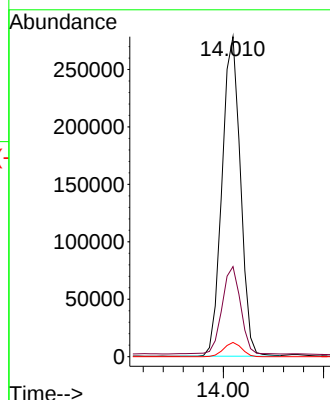
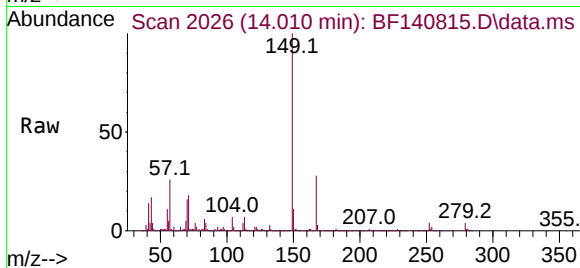




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.504 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF140815.D
 Acq: 10 Dec 2024 19:18

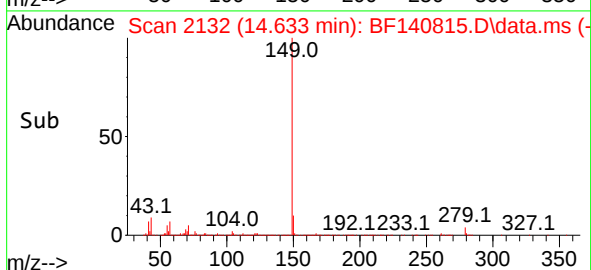
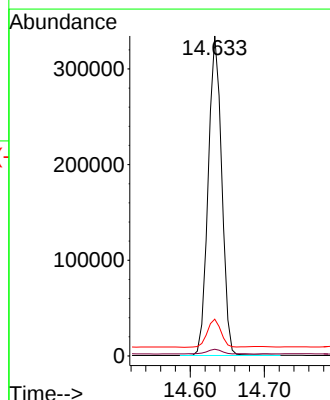
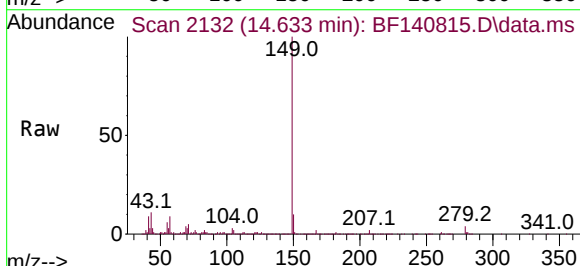
Instrument :
 BNA_F
 ClientSampleId :
 TP-12MS

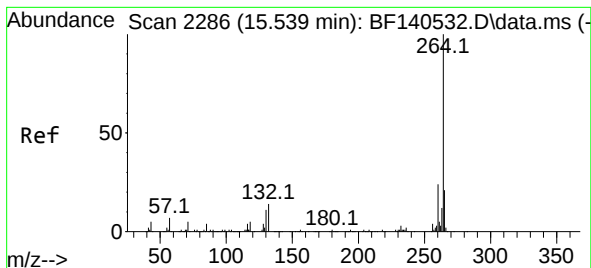
Tgt Ion:149 Resp: 354292
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.2 31.8
 279 4.4 3.2 4.8



#85
 Di-n-octyl phthalate
 Concen: 49.476 ng
 RT: 14.633 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BF140815.D
 Acq: 10 Dec 2024 19:18

Tgt Ion:149 Resp: 423961
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.9 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

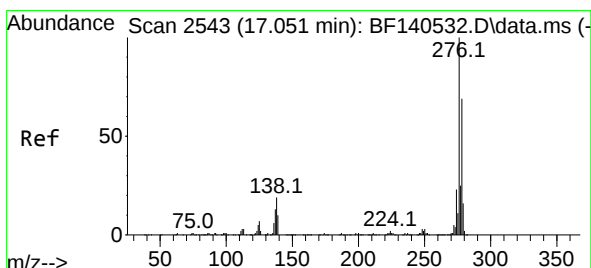
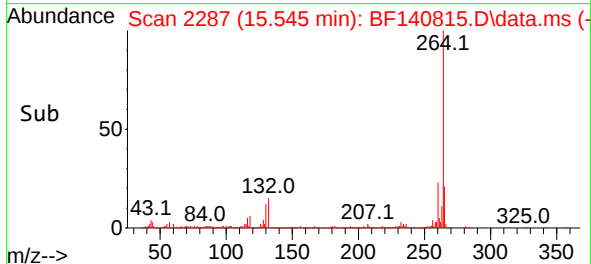
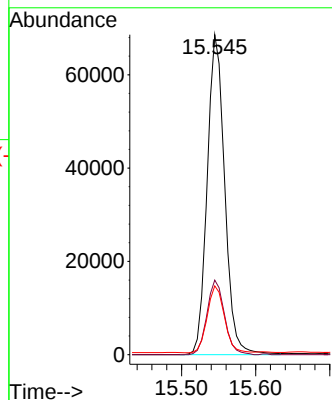
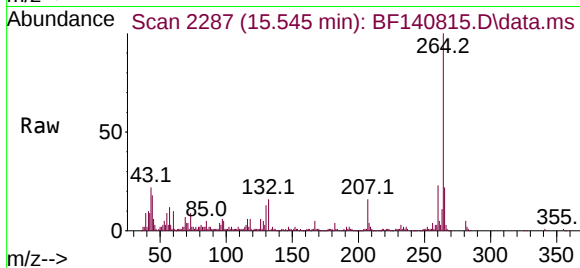
Tgt Ion:264 Resp: 112734

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.5 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 40.954 ng

RT: 17.062 min Scan# 2545

Delta R.T. 0.012 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

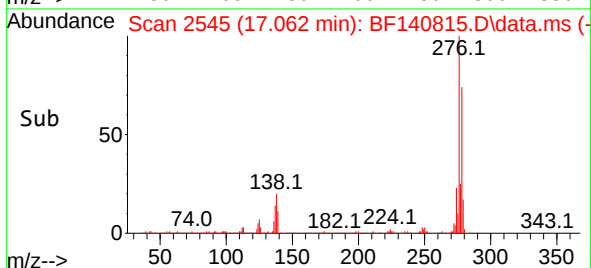
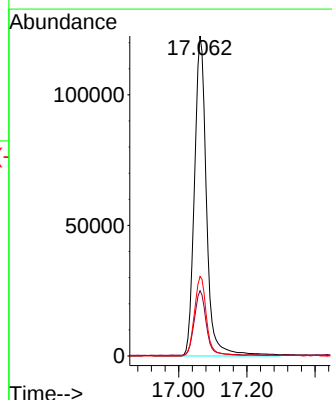
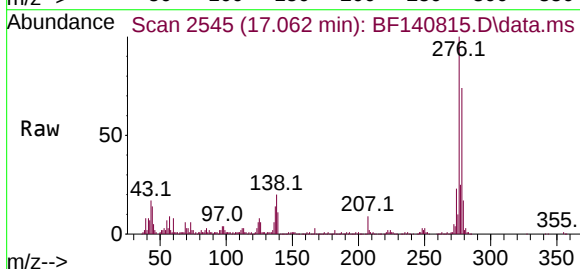
Tgt Ion:276 Resp: 300876

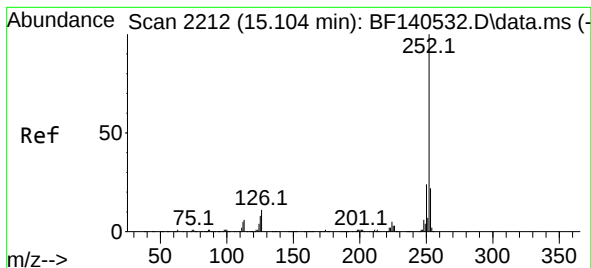
Ion Ratio Lower Upper

276 100

138 19.8 15.5 23.3

277 24.9 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 48.743 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

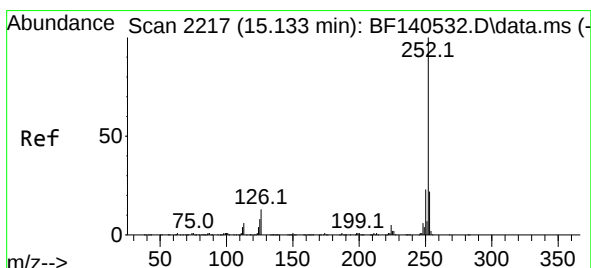
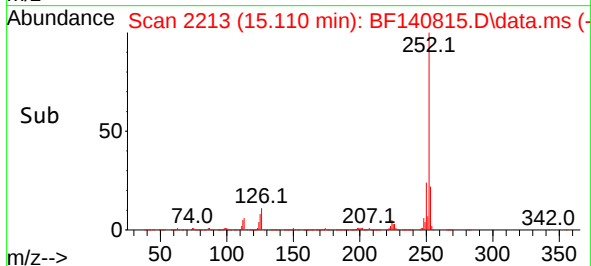
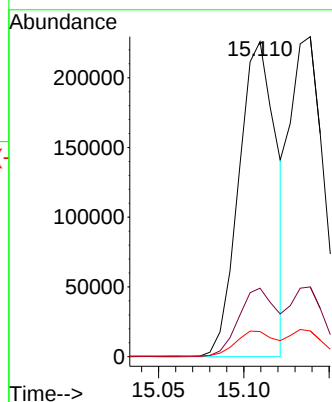
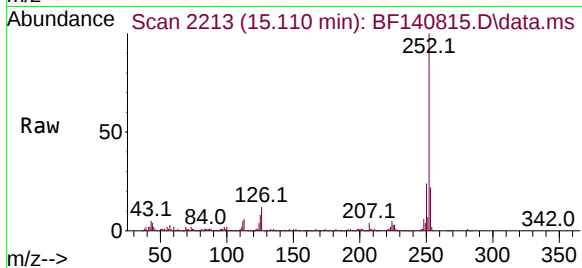
Tgt Ion:252 Resp: 345147

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 8.0 6.7 10.1



#89

Benzo(k)fluoranthene

Concen: 50.449 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

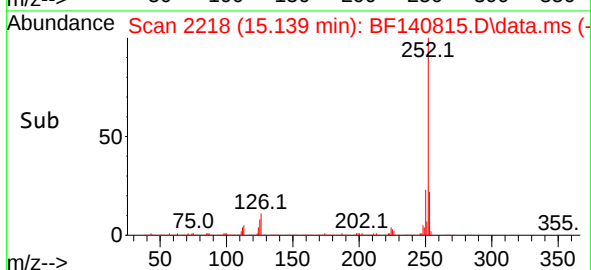
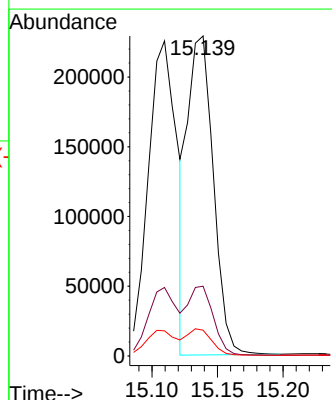
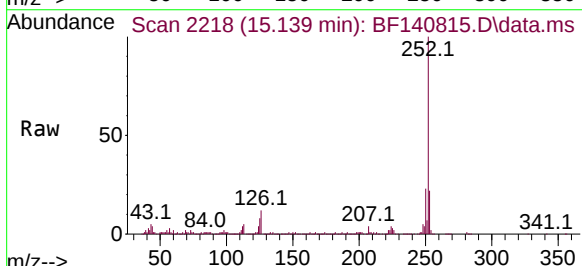
Tgt Ion:252 Resp: 312604

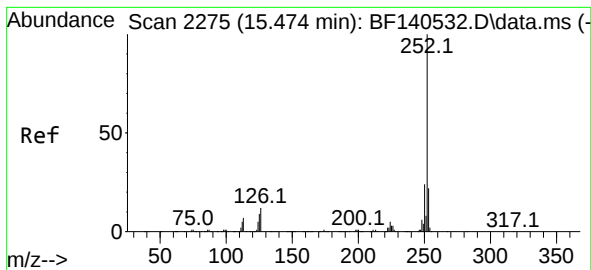
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.1 6.5 9.7





#90

Benzo(a)pyrene

Concen: 56.582 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS

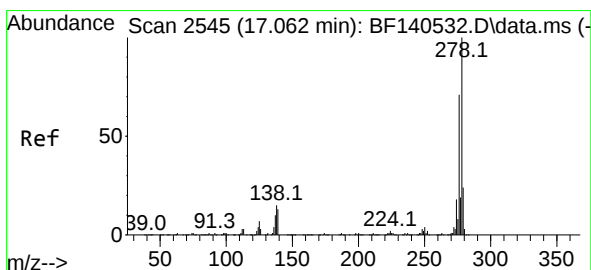
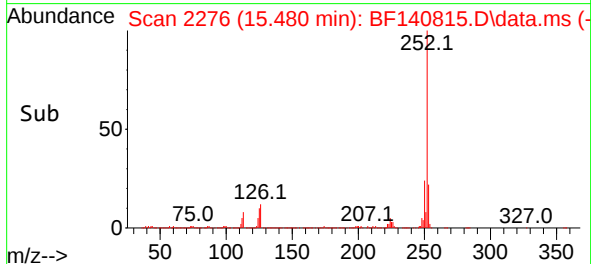
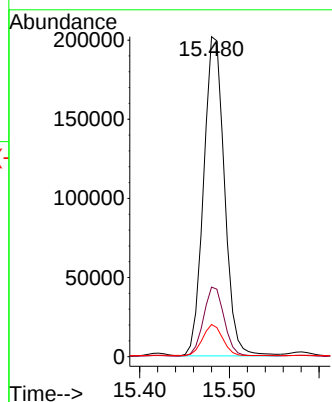
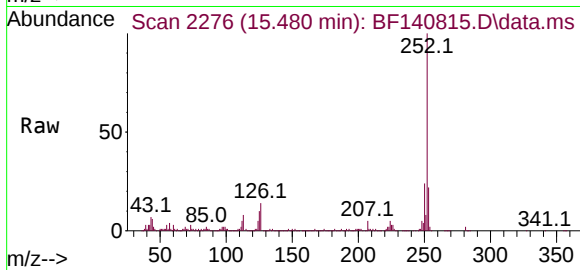
Tgt Ion:252 Resp: 325767

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.0 7.0 10.6



#91

Dibenzo(a,h)anthracene

Concen: 40.003 ng

RT: 17.068 min Scan# 2546

Delta R.T. 0.006 min

Lab File: BF140815.D

Acq: 10 Dec 2024 19:18

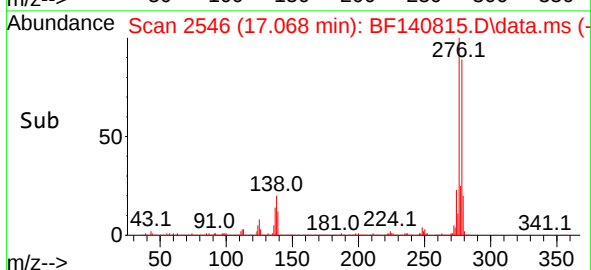
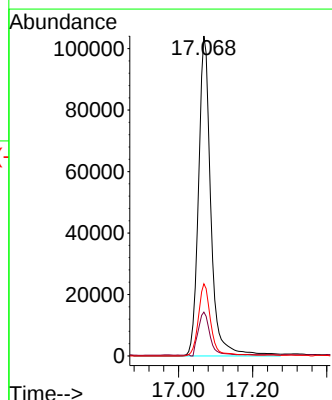
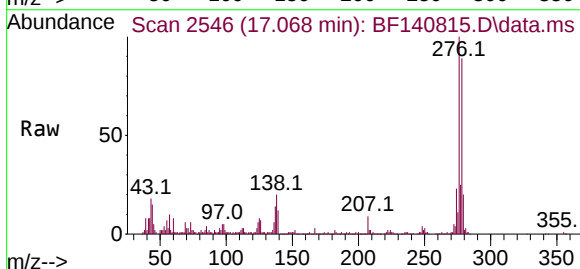
Tgt Ion:278 Resp: 240685

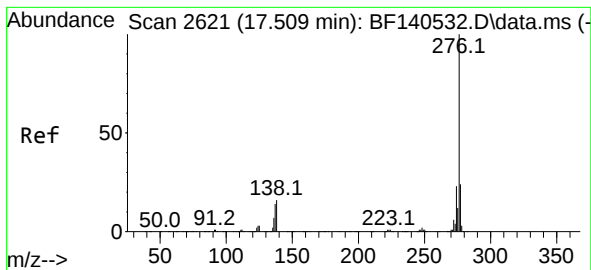
Ion Ratio Lower Upper

278 100

139 13.7 10.2 15.4

279 22.5 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 37.095 ng

RT: 17.521 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF140815.D

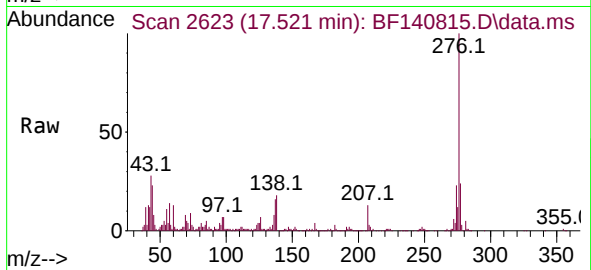
Acq: 10 Dec 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-12MS



Tgt Ion:276 Resp: 227753

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 17.6 13.2 19.8

