

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140846.D
 Acq On : 13 Dec 2024 16:10
 Operator : RC/JU
 Sample : P5239-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Dec 13 17:35:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	34431	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	130568	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	77941	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	138423	20.000	ng	-0.02
76) Chrysene-d12	14.051	240	107378	20.000	ng	0.00
86) Perylene-d12	15.574	264	95327	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	249884	123.829	ng	0.00
7) Phenol-d6	6.504	99	331708	124.337	ng	-0.01
23) Nitrobenzene-d5	7.422	82	237988	93.232	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	125257	150.263	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	487313	93.156	ng	-0.02
79) Terphenyl-d14	12.974	244	625046	90.640	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	26100	30.762	ng	98
3) Pyridine	3.434	79	46270	24.786	ng	96
4) n-Nitrosodimethylamine	3.316	42	36400	33.176	ng	# 98
6) Aniline	6.528	93	31004	16.511	ng	# 1
8) 2-Chlorophenol	6.657	128	100669	46.369	ng	94
9) Benzaldehyde	6.428	77	8597	6.087	ng	99
10) Phenol	6.522	94	114828	42.146	ng	90
11) bis(2-Chloroethyl)ether	6.592	93	93619	44.904	ng	99
12) 1,3-Dichlorobenzene	6.798	146	102541	42.034	ng	98
13) 1,4-Dichlorobenzene	6.875	146	103862	42.048	ng	100
14) 1,2-Dichlorobenzene	7.028	146	100008	43.208	ng	99
15) Benzyl Alcohol	7.010	79	90068	45.525	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	115191	46.768	ng	67
17) 2-Methylphenol	7.128	107	79533	45.764	ng	93
18) Hexachloroethane	7.363	117	38112	41.312	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	76547	48.550	ng	95
20) 3+4-Methylphenols	7.287	107	113803	50.946	ng	# 62
22) Acetophenone	7.269	105	149504	46.967	ng	# 91
24) Nitrobenzene	7.439	77	115585	43.812	ng	99
25) Isophorone	7.681	82	204329	47.992	ng	100
26) 2-Nitrophenol	7.763	139	54752	46.831	ng	95
27) 2,4-Dimethylphenol	7.798	122	81207	58.052	ng	97
28) bis(2-Chloroethoxy)met...	7.886	93	120043	46.282	ng	99
29) 2,4-Dichlorophenol	8.016	162	88434	47.710	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	89718	42.392	ng	99
31) Naphthalene	8.157	128	300143	44.628	ng	99
32) Benzoic acid	7.928	122	52118	43.591	ng	99
33) 4-Chloroaniline	8.228	127	17343	8.613	ng	98
34) Hexachlorobutadiene	8.269	225	60102	42.875	ng	97
35) Caprolactam	8.581	113	16796	29.280	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	102335	49.310	ng	98
37) 2-Methylnaphthalene	8.851	142	207364	48.544	ng	100
38) 1-Methylnaphthalene	8.951	142	197179	47.092	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	106202	46.545	ng	99
41) Hexachlorocyclopentadiene	8.998	237	34547	68.511	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	66897	46.724	ng	100

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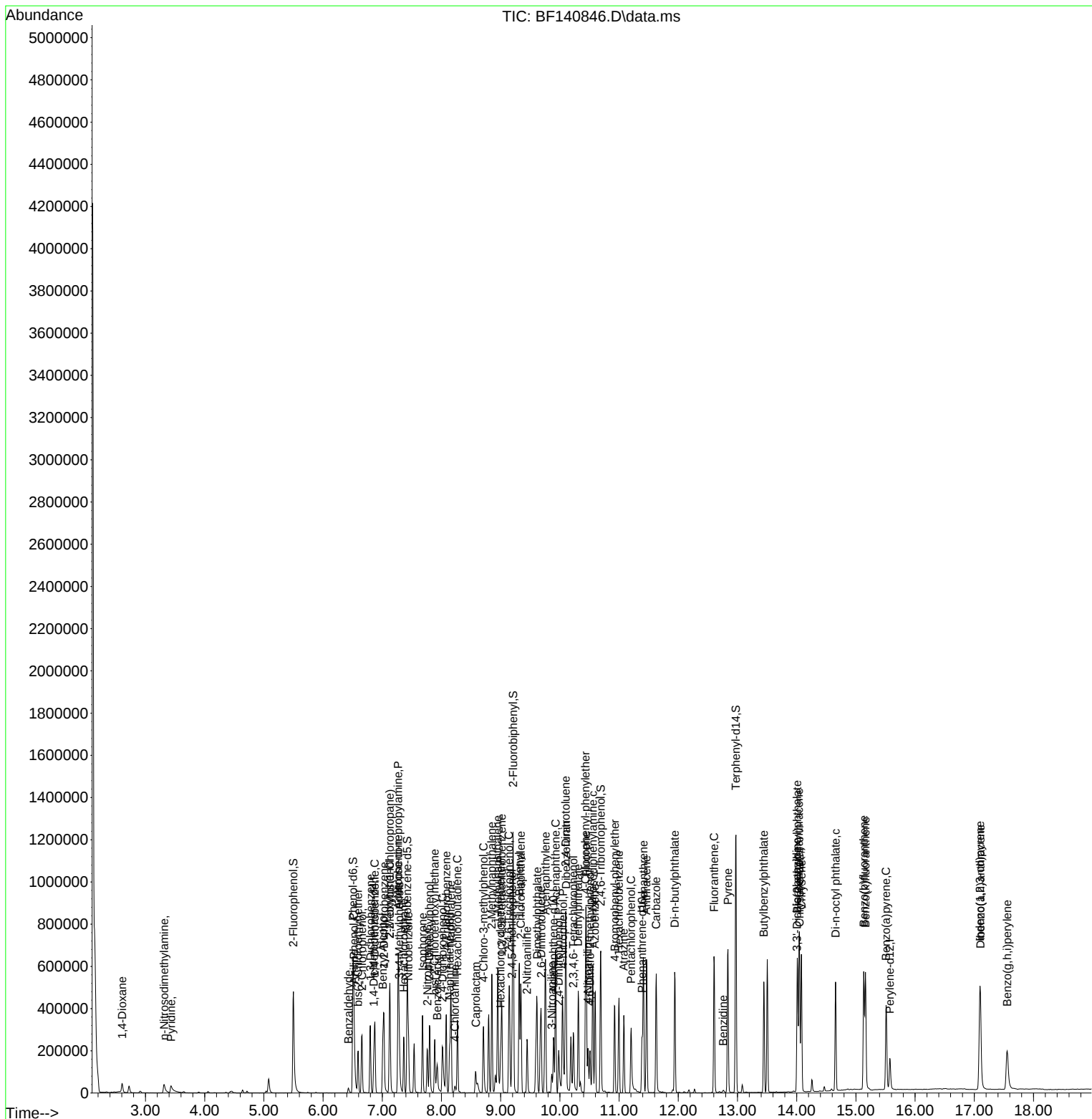
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Dec 13 17:35:04 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)
44) 2,4,5-Trichlorophenol	9.192	196	69274	44.582	ng	99
46) 1,1'-Biphenyl	9.316	154	277567	47.699	ng	99
47) 2-Chloronaphthalene	9.339	162	206025	46.725	ng	99
48) 2-Nitroaniline	9.445	65	62099	43.877	ng	98
49) Acenaphthylene	9.757	152	346412	51.997	ng	100
50) Dimethylphthalate	9.616	163	247199	48.157	ng	99
51) 2,6-Dinitrotoluene	9.686	165	55589	47.750	ng	89
52) Acenaphthene	9.928	154	203770	48.138	ng	98
53) 3-Nitroaniline	9.863	138	21220	18.637	ng	95
54) 2,4-Dinitrophenol	9.980	184	59691	97.143	ng	95
55) Dibenzofuran	10.104	168	323262	50.065	ng	99
56) 4-Nitrophenol	10.051	139	47646	61.357	ng	95
57) 2,4-Dinitrotoluene	10.098	165	76592	49.503	ng	93
58) Fluorene	10.445	166	254253	49.058	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	61290	51.323	ng	88
60) Diethylphthalate	10.310	149	248063	47.564	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	126399	49.696	ng	97
62) 4-Nitroaniline	10.475	138	51739	43.325	ng	95
63) Azobenzene	10.592	77	252464	51.117	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	40617	57.422	ng	94
66) n-Nitrosodiphenylamine	10.557	169	219174	53.542	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	76457	53.634	ng	94
68) Hexachlorobenzene	10.998	284	85847	52.008	ng	99
69) Atrazine	11.080	200	61444	53.356	ng	99
70) Pentachlorophenol	11.204	266	66952	92.159	ng	99
71) Phenanthrene	11.410	178	348019	52.303	ng	99
72) Anthracene	11.463	178	359270	55.198	ng	99
73) Carbazole	11.627	167	348546	55.665	ng	99
74) Di-n-butylphthalate	11.939	149	423116	58.532	ng	99
75) Fluoranthene	12.604	202	389549	53.921	ng	99
77) Benzidine	12.757	184	7172	2.297	ng	# 93
78) Pyrene	12.839	202	424955	42.802	ng	98
80) Butylbenzylphthalate	13.445	149	171300	47.894	ng	98
81) Benzo(a)anthracene	14.039	228	372986	52.474	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	25730	12.057	ng	97
83) Chrysene	14.080	228	330087	50.787	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	243869	53.998	ng	98
85) Di-n-octyl phthalate	14.657	149	354568	57.448	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	282870	45.533	ng	99
88) Benzo(b)fluoranthene	15.133	252	365663	61.070	ng	99
89) Benzo(k)fluoranthene	15.162	252	292418	55.808	ng	99
90) Benzo(a)pyrene	15.510	252	265115	54.456	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	235810	46.349	ng	100
92) Benzo(g,h,i)perylene	17.556	276	209775	40.406	ng	99

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

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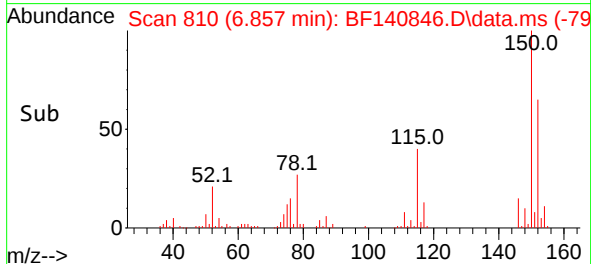
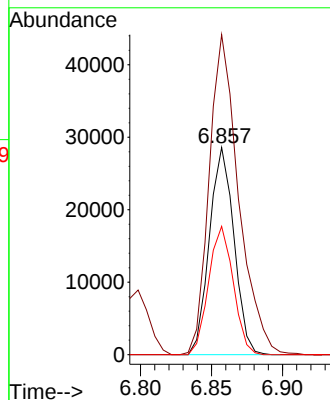
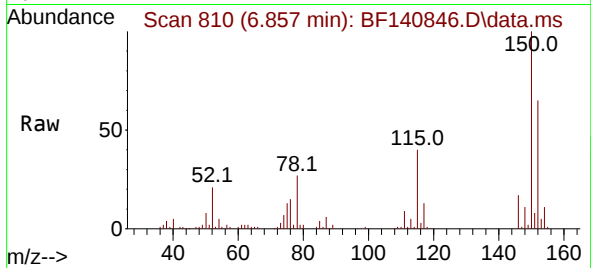




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF140846.D
 Acq: 13 Dec 2024 16:10

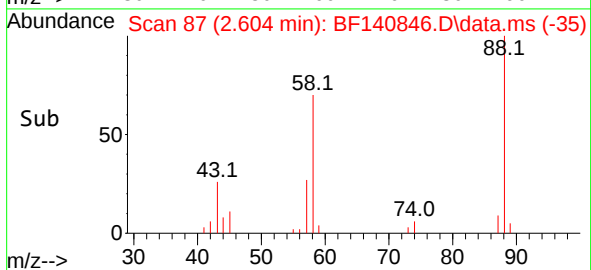
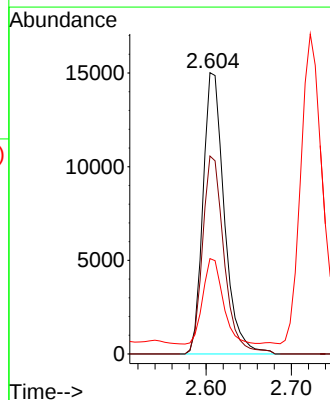
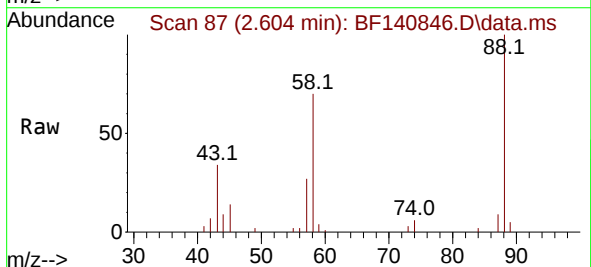
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tgt Ion:152 Resp: 34431
 Ion Ratio Lower Upper
 152 100
 150 154.4 128.5 192.7
 115 61.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 30.762 ng
 RT: 2.604 min Scan# 87
 Delta R.T. -0.047 min
 Lab File: BF140846.D
 Acq: 13 Dec 2024 16:10

Tgt Ion: 88 Resp: 26100
 Ion Ratio Lower Upper
 88 100
 58 71.0 57.4 86.2
 43 28.7 24.3 36.5





#3

Pyridine

Concen: 24.786 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

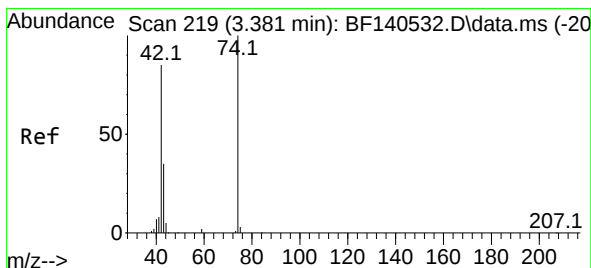
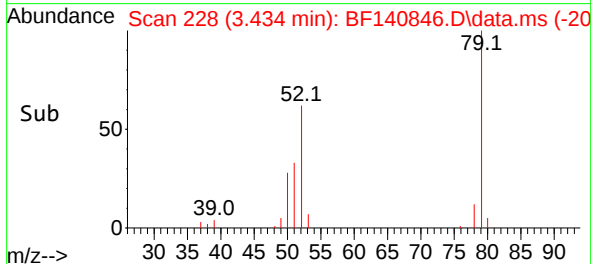
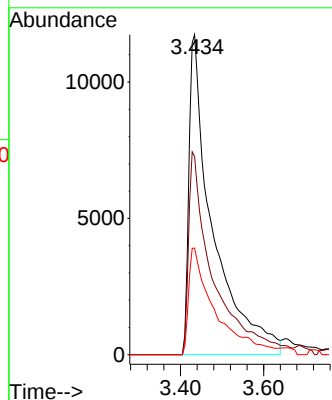
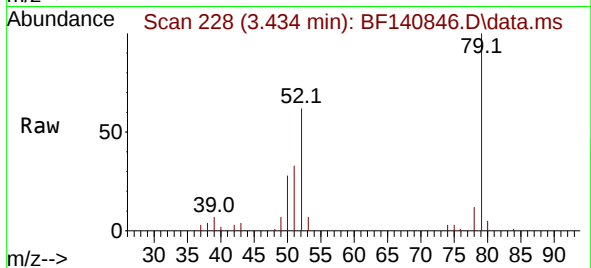
Tgt Ion: 79 Resp: 46270

Ion Ratio Lower Upper

79 100

52 61.9 52.1 78.1

51 33.3 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 33.176 ng

RT: 3.316 min Scan# 208

Delta R.T. -0.065 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

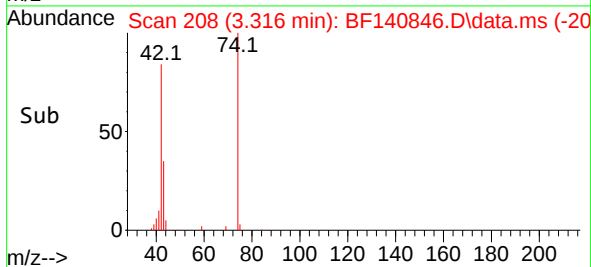
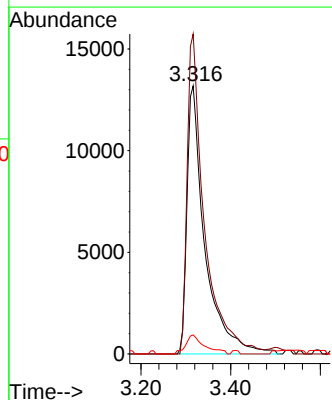
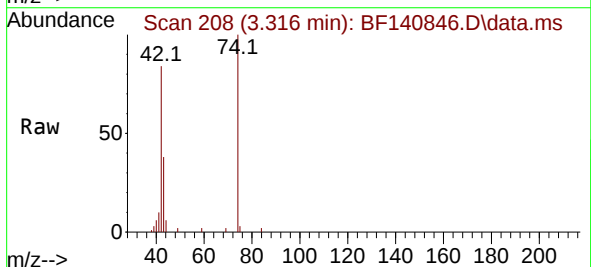
Tgt Ion: 42 Resp: 36400

Ion Ratio Lower Upper

42 100

74 119.3 93.8 140.6

44 7.1 4.6 6.8#

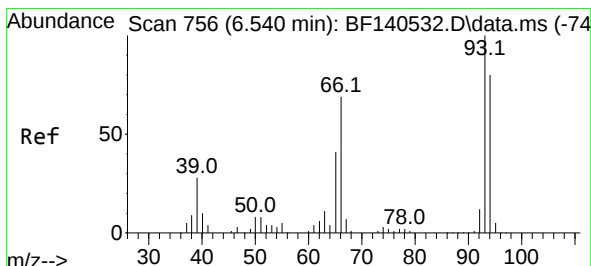
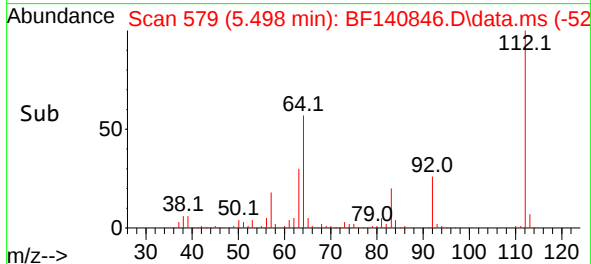
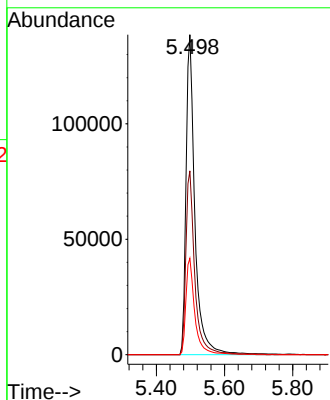
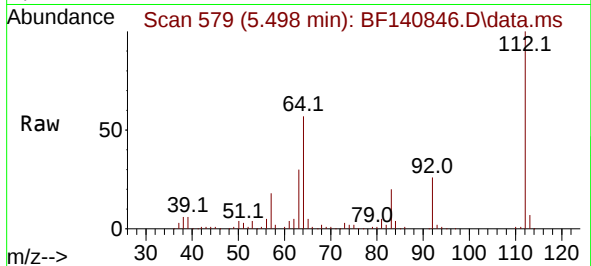




#5
2-Fluorophenol
Concen: 123.829 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

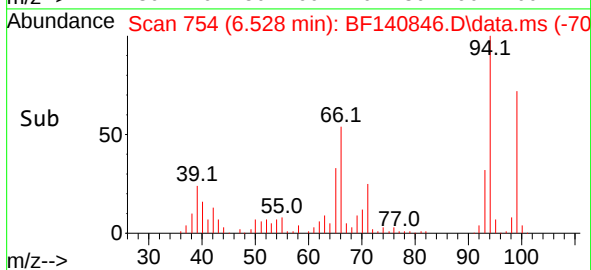
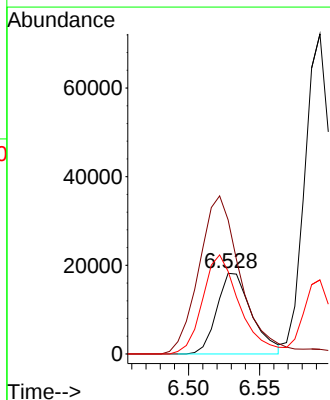
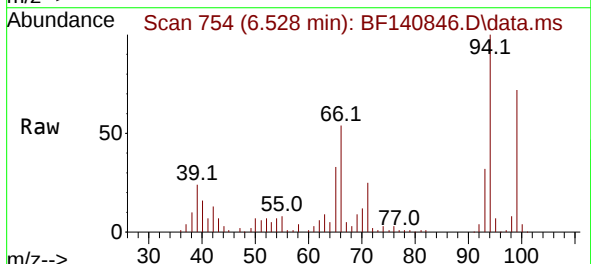
Instrument :
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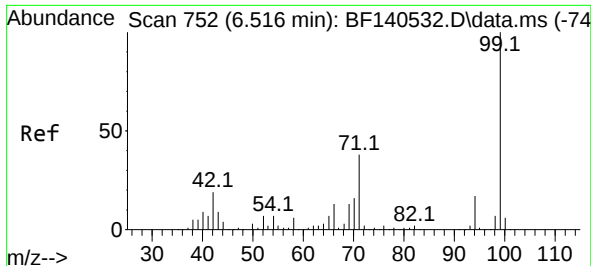
Tgt Ion:112 Resp: 249884
Ion Ratio Lower Upper
112 100
64 57.5 49.2 73.8
63 30.1 27.0 40.4



#6
Aniline
Concen: 16.511 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion: 93 Resp: 31004
Ion Ratio Lower Upper
93 100
66 166.3 56.5 84.7#
65 102.5 32.9 49.3#

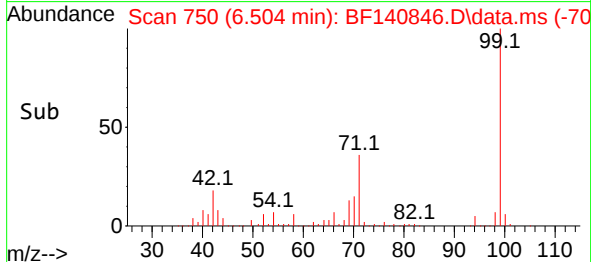
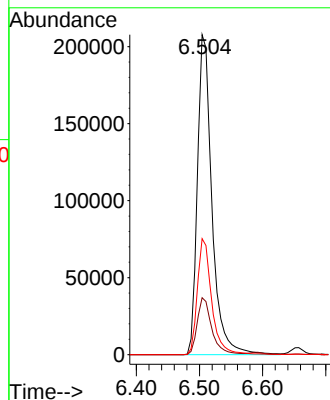
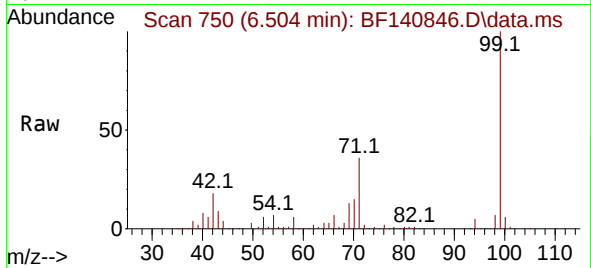




#7
Phenol-d6
Concen: 124.337 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

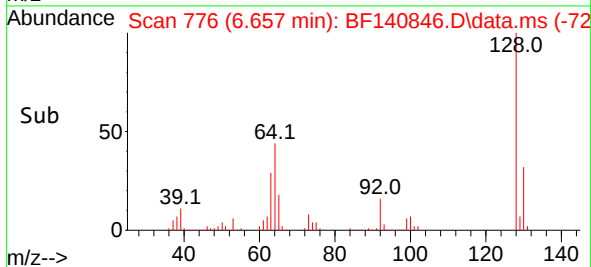
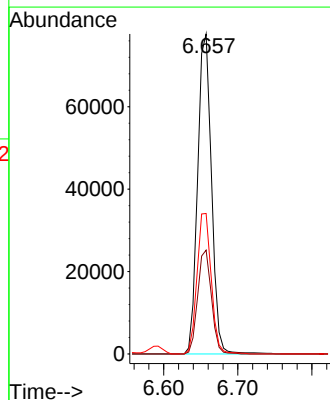
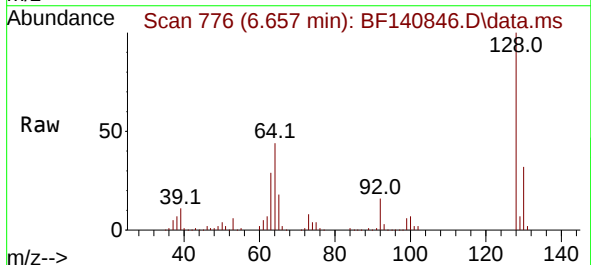
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BNA_F
ClientSampleId :
WC-1MSD

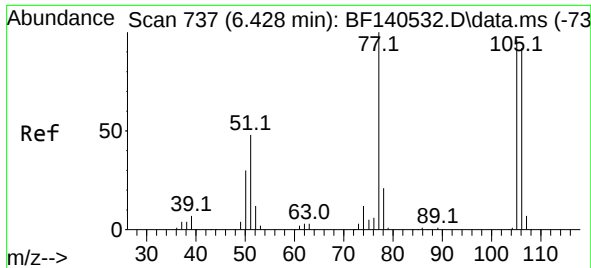
Tgt Ion: 99 Resp: 331708
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.3 30.6 46.0



#8
2-Chlorophenol
Concen: 46.369 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:128 Resp: 100669
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 43.9 30.2 70.2





#9

Benzaldehyde

Concen: 6.087 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

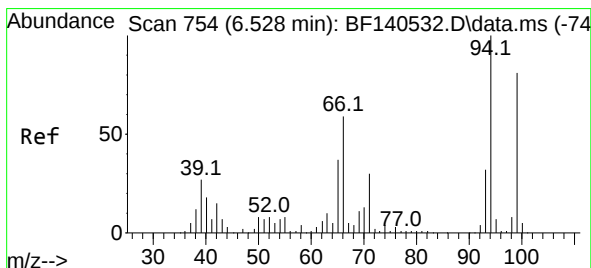
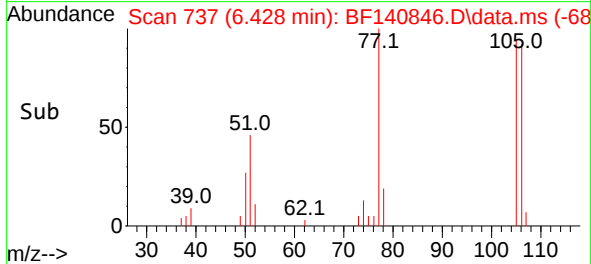
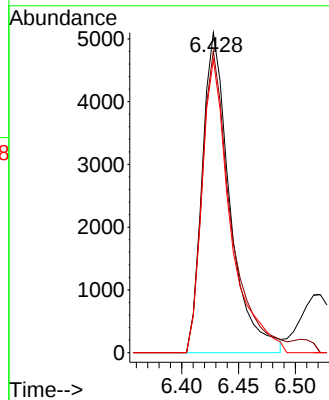
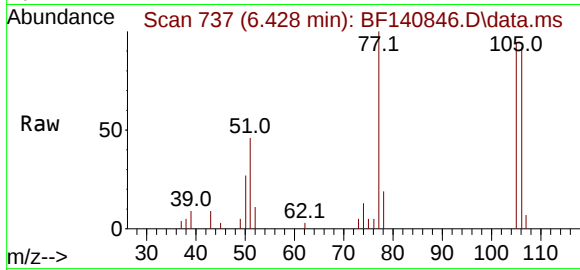
Tgt Ion: 77 Resp: 8597

Ion Ratio Lower Upper

77 100

105 94.3 75.6 115.6

106 91.5 72.0 112.0



#10

Phenol

Concen: 42.146 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

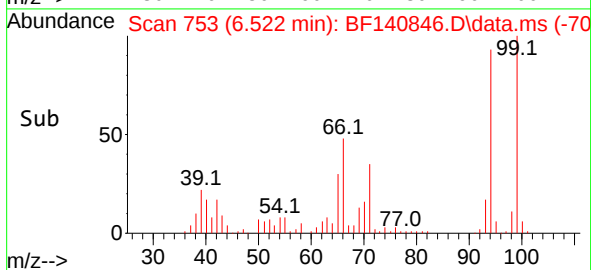
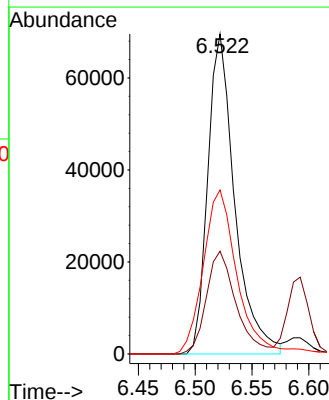
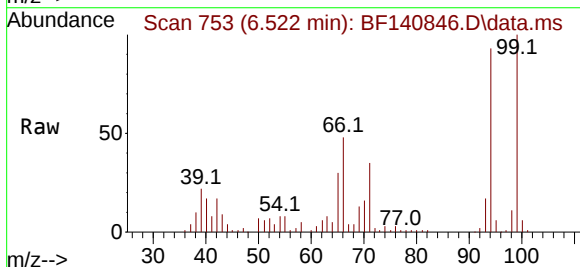
Tgt Ion: 94 Resp: 114828

Ion Ratio Lower Upper

94 100

65 32.1 17.2 57.2

66 51.3 39.2 79.2

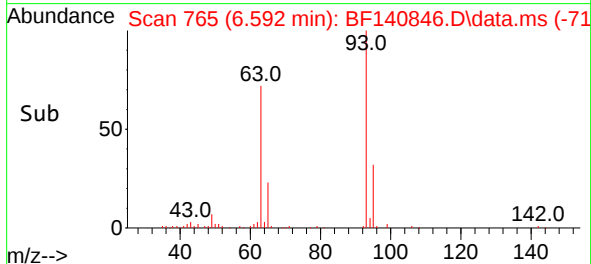
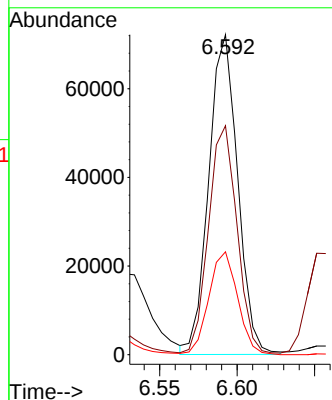
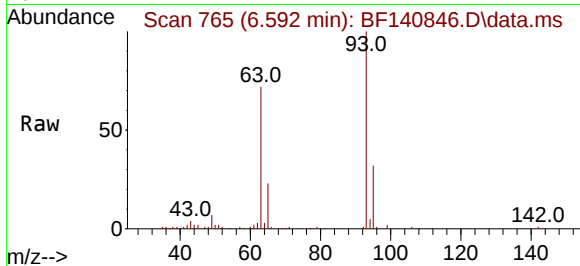




#11
bis(2-Chloroethyl)ether
Concen: 44.904 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

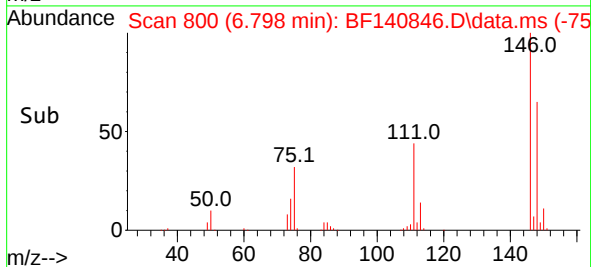
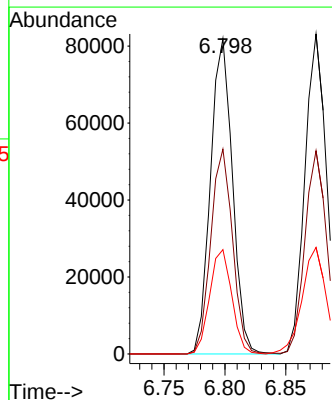
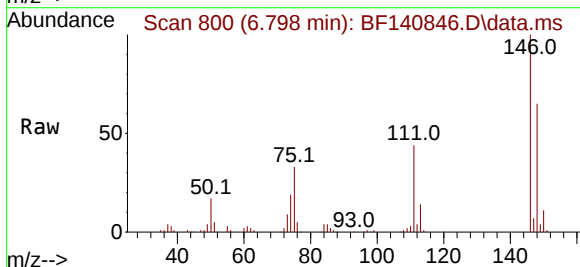
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 93	Resp:	93619
Ion Ratio	Lower	Upper
93	100	
63	71.5	52.8 92.8
95	32.2	12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.034 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion: 146	Resp:	102541
Ion Ratio	Lower	Upper
146	100	
148	64.9	51.3 76.9
75	33.1	28.2 42.2

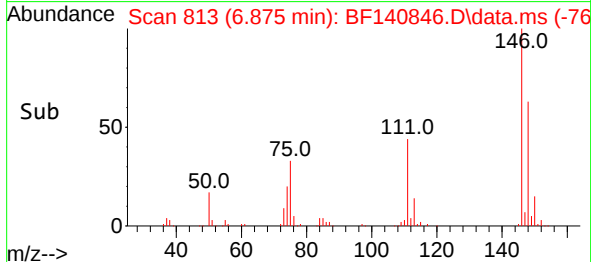
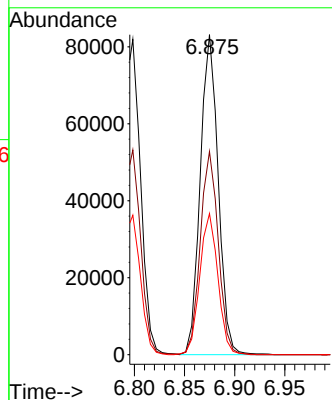
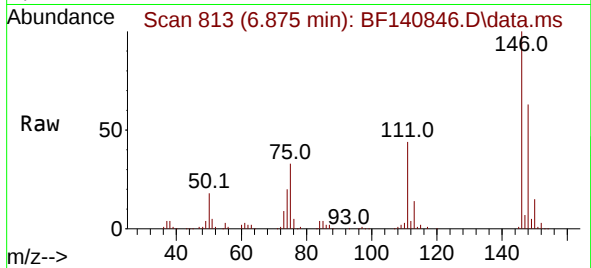




#13
1,4-Dichlorobenzene
Concen: 42.048 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

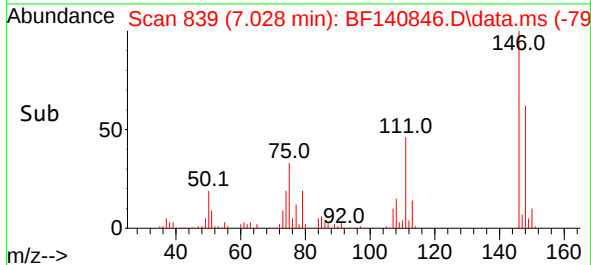
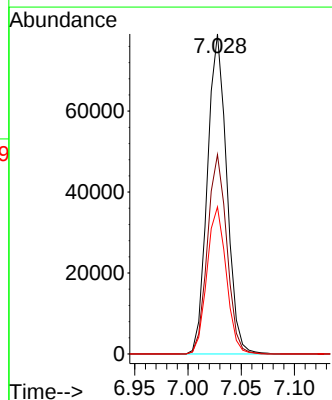
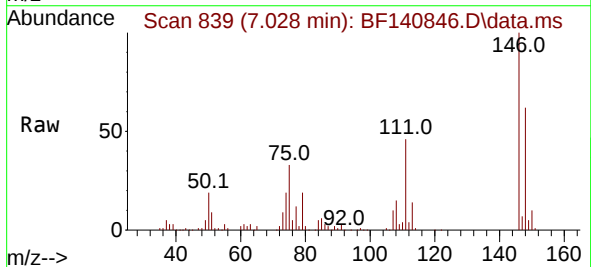
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

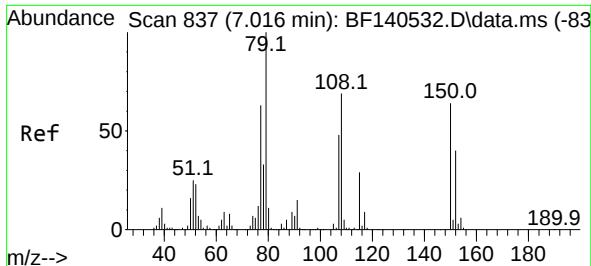
Tgt Ion:146 Resp: 103862
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 44.1 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 43.208 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:146 Resp: 100008
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
111 46.0 36.7 55.1

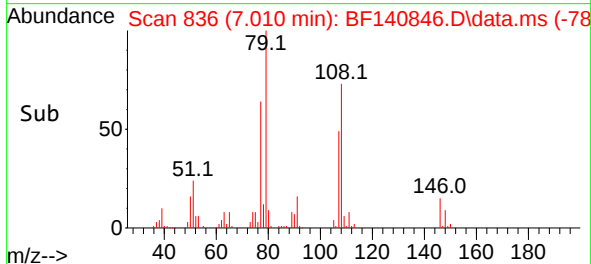
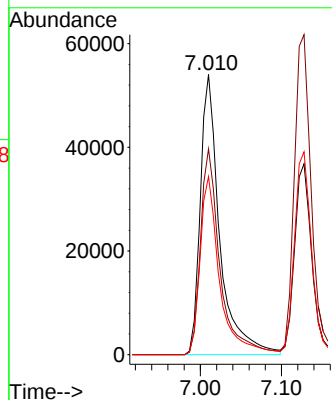
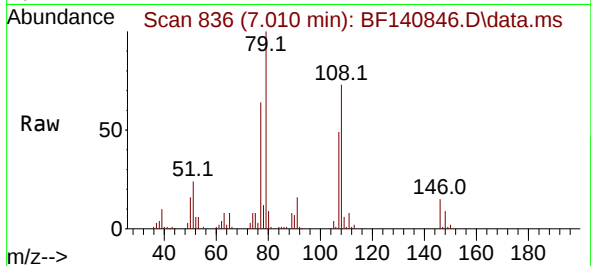




#15
Benzyl Alcohol
Concen: 45.525 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

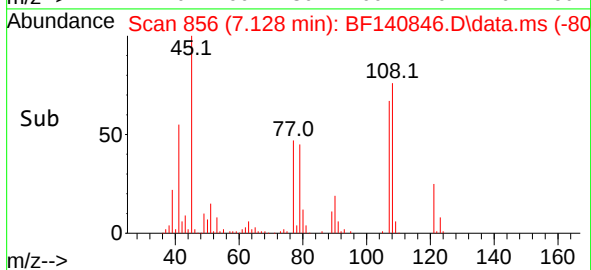
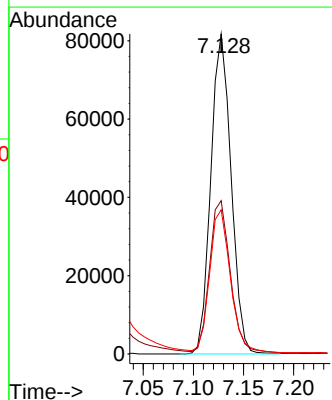
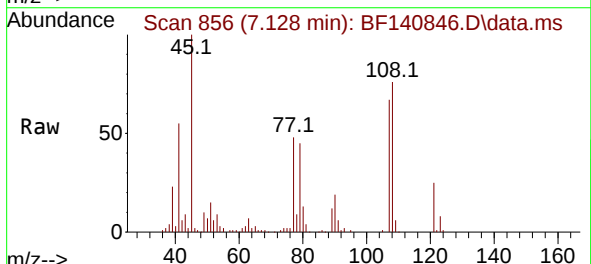
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

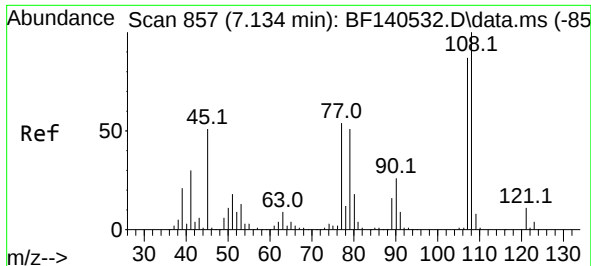
Tgt Ion: 79 Resp: 90068
Ion Ratio Lower Upper
79 100
108 73.4 55.0 82.6
77 63.6 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.768 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion: 45 Resp: 115191
Ion Ratio Lower Upper
45 100
77 47.9 10.7 50.7
79 45.1 7.0 47.0

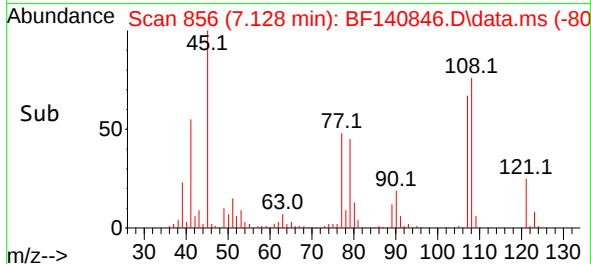
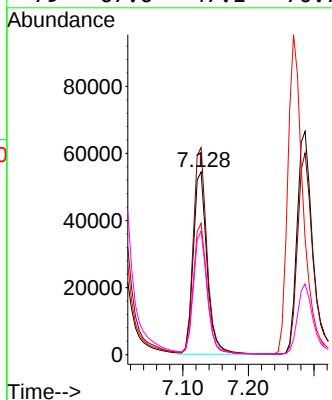
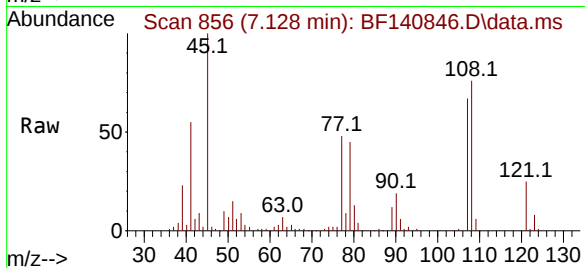




#17
2-Methylphenol
Concen: 45.764 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

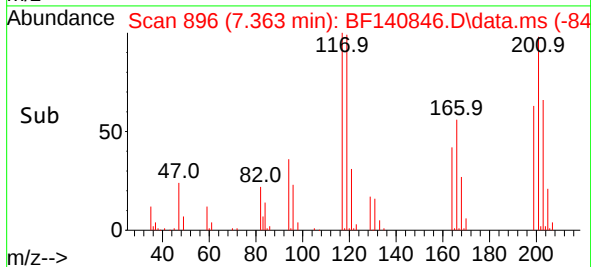
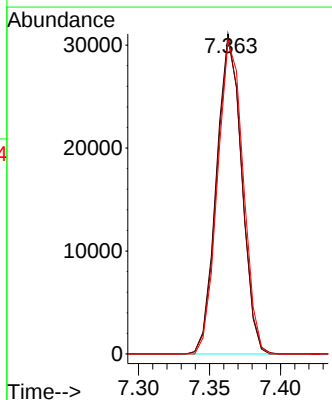
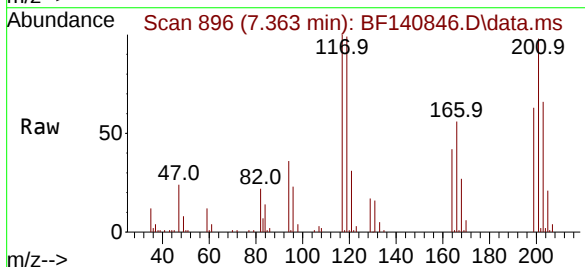
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:	107	Resp:	79533
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	71.9	49.3	73.9
79	67.6	47.1	70.7



#18
Hexachloroethane
Concen: 41.312 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:	117	Resp:	38112
Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.1	115.7
201	97.8	81.1	121.7



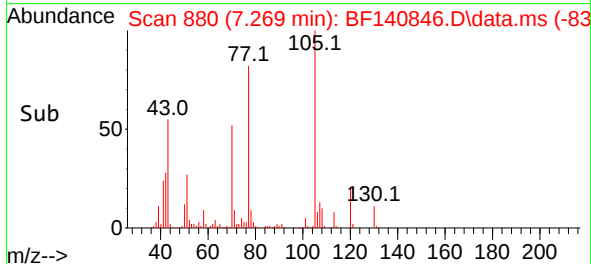
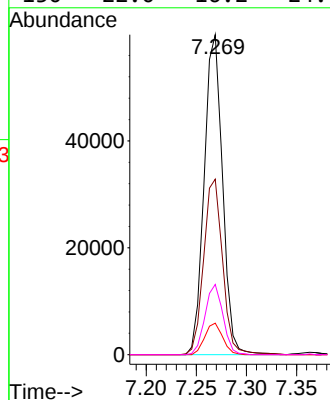
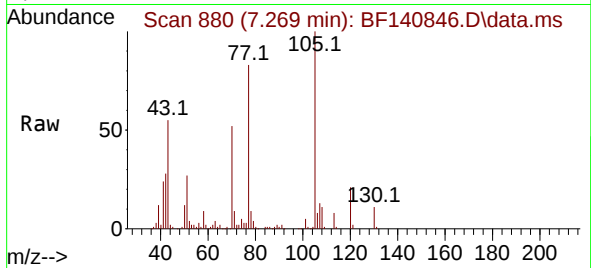


#19
n-Nitroso-di-n-propylamine
Concen: 48.550 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 70 Resp: 76547

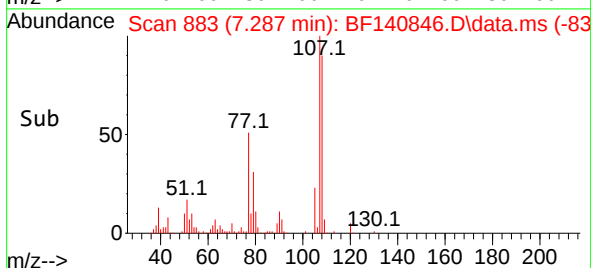
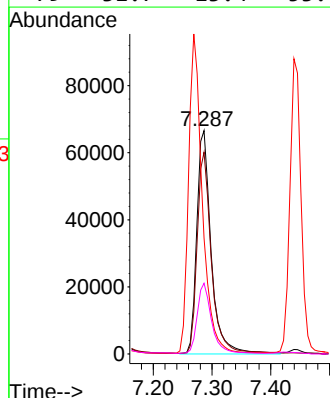
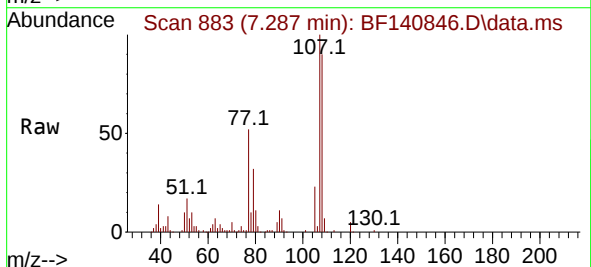
Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.6	71.4
101	9.9	7.6	11.4
130	22.0	16.2	24.4

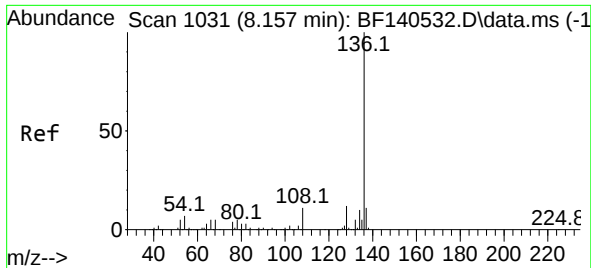


#20
3+4-Methylphenols
Concen: 50.946 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion: 107 Resp: 113803

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.9	109.9
77	51.9	117.7	157.7#
79	31.7	13.4	53.4

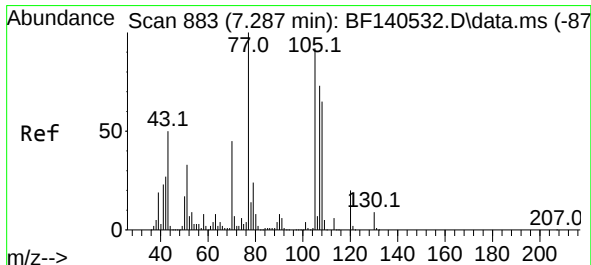
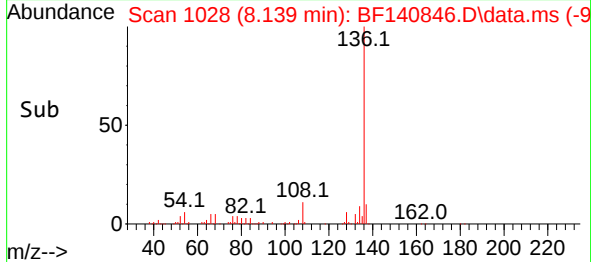
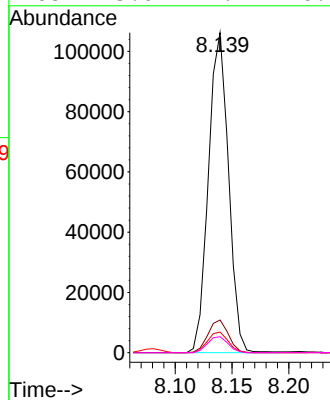
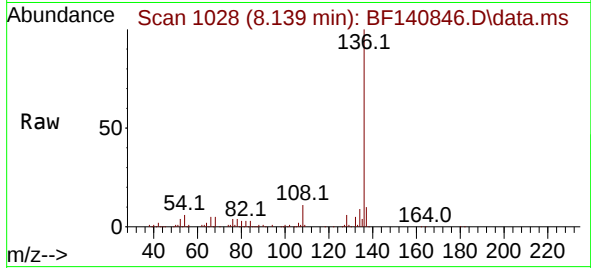




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

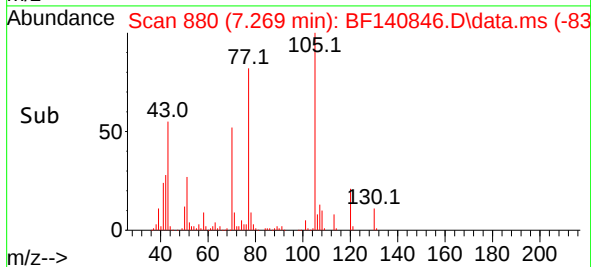
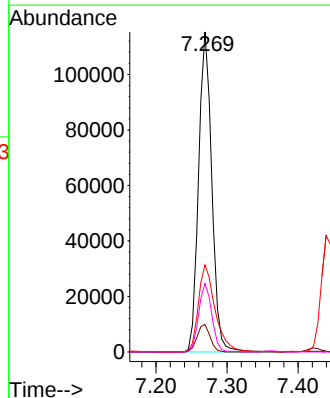
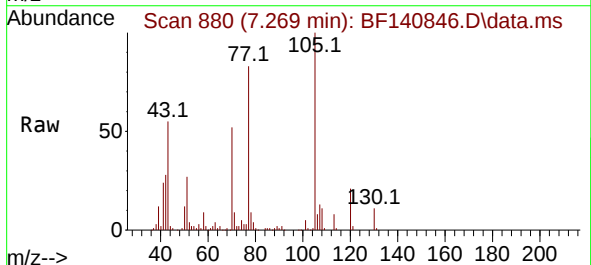
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:	136	Resp:	130568
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.6	13.0
54	6.4	5.8	8.8
68	5.0	4.1	6.1



#22
Acetophenone
Concen: 46.967 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:	105	Resp:	149504
Ion Ratio	Lower	Upper	
105	100		
71	8.6	6.2	9.2
51	27.2	29.0	43.6#
120	21.4	17.4	26.0





#23

Nitrobenzene-d5

Concen: 93.232 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

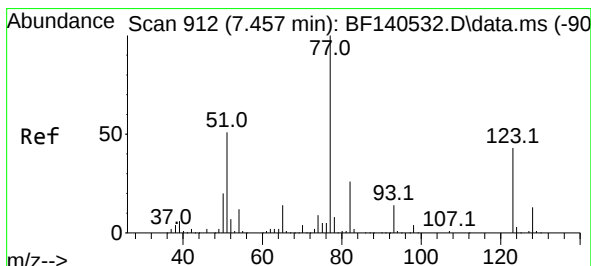
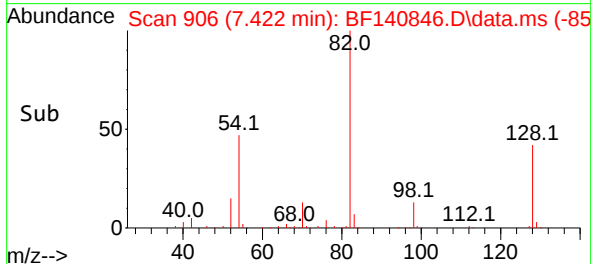
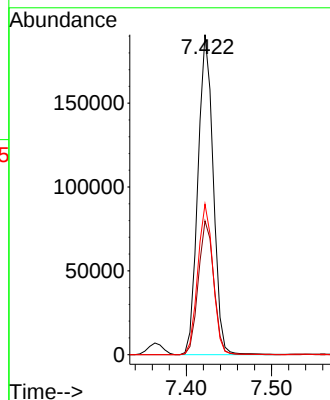
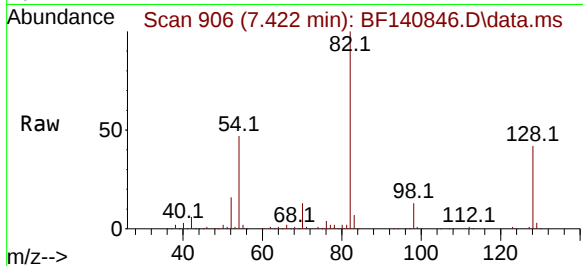
Tgt Ion: 82 Resp: 237988

Ion Ratio Lower Upper

82 100

128 41.8 33.0 49.4

54 47.0 39.5 59.3



#24

Nitrobenzene

Concen: 43.812 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

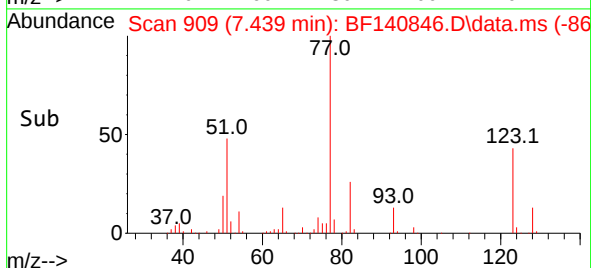
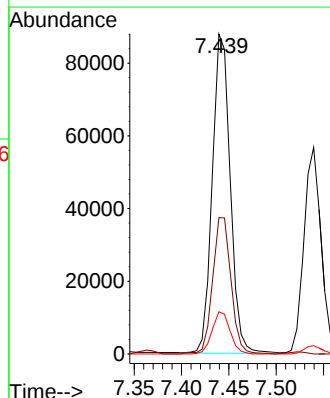
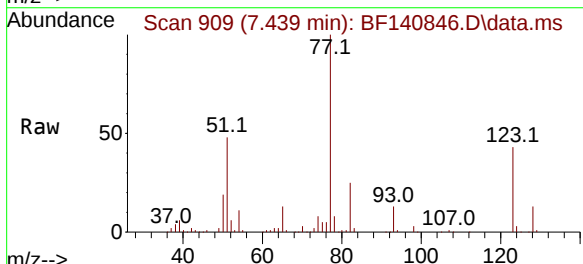
Tgt Ion: 77 Resp: 115585

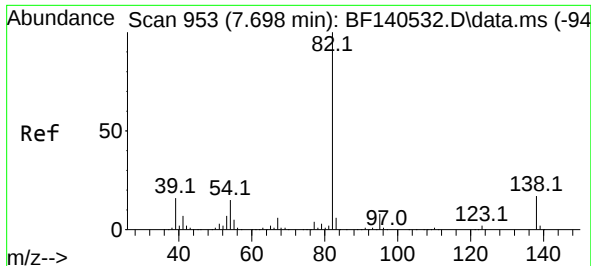
Ion Ratio Lower Upper

77 100

123 42.6 34.3 51.5

65 13.2 11.2 16.8

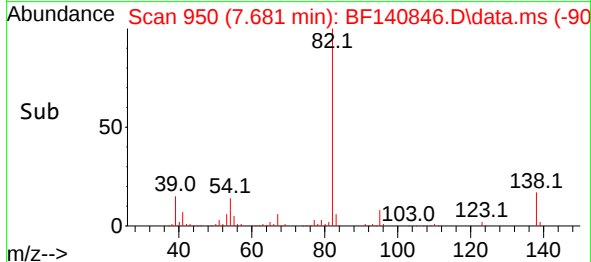
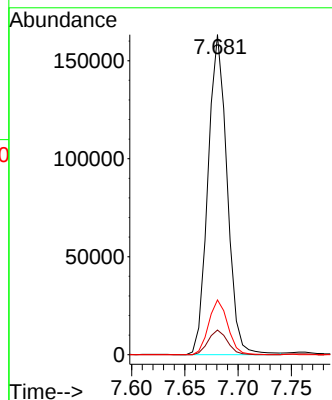
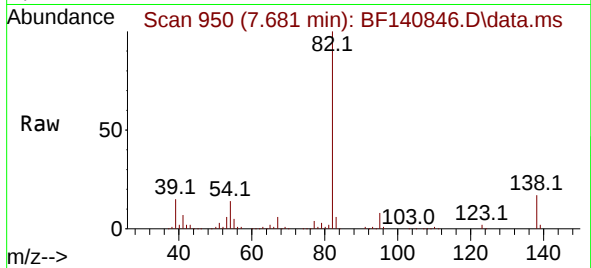




#25
Isophorone
Concen: 47.992 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

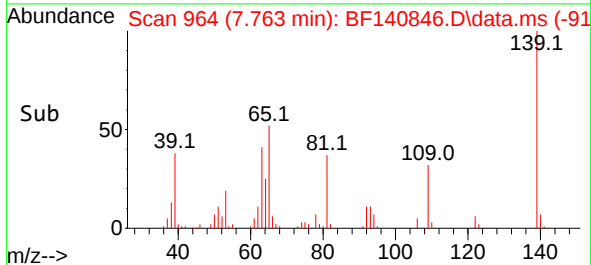
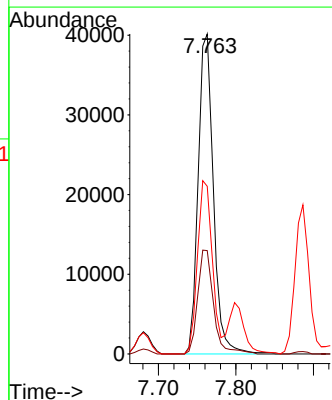
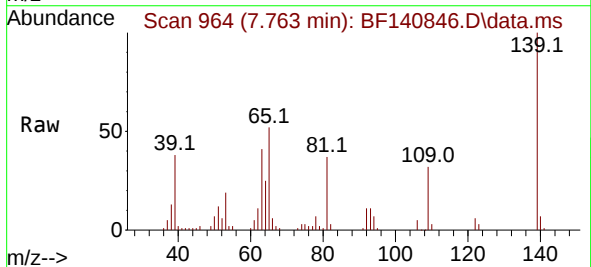
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 82 Resp: 204329
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.1 13.8 20.6



#26
2-Nitrophenol
Concen: 46.831 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:139 Resp: 54752
Ion Ratio Lower Upper
139 100
109 32.3 28.0 42.0
65 52.4 44.6 67.0

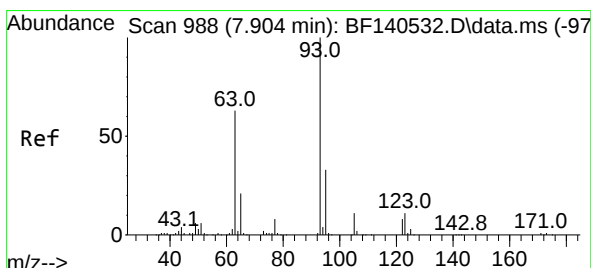
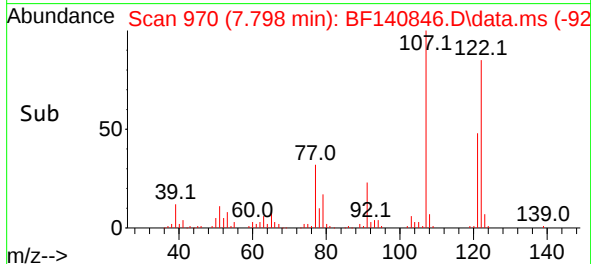
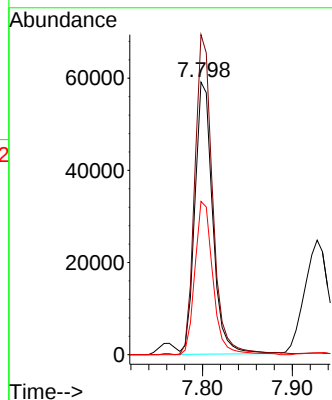
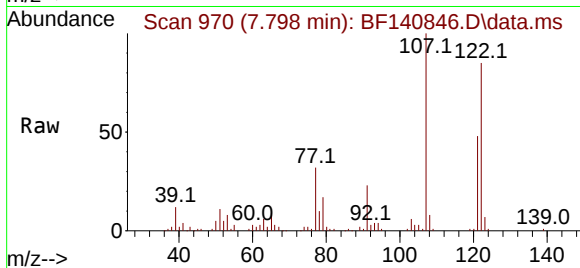




#27
2,4-Dimethylphenol
Concen: 58.052 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

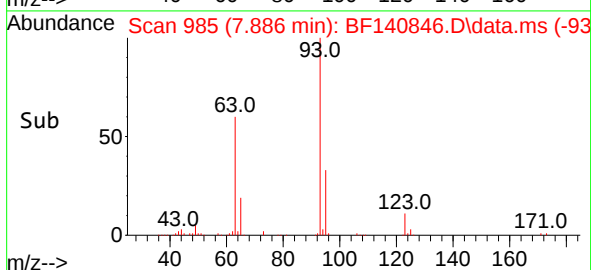
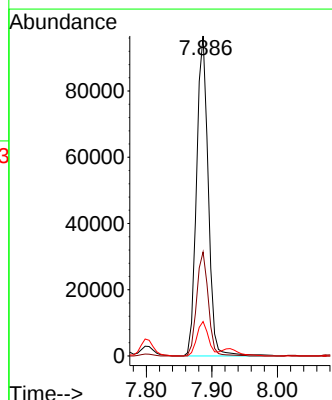
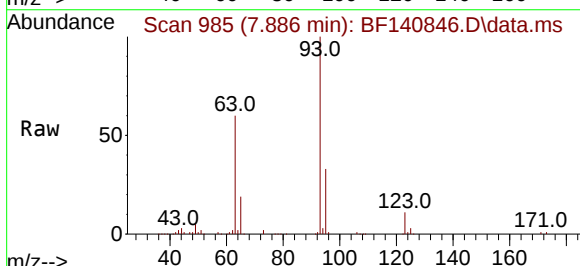
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:122 Resp: 81207
Ion Ratio Lower Upper
122 100
107 117.4 96.8 145.2
121 56.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.282 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion: 93 Resp: 120043
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 10.7 9.1 13.7

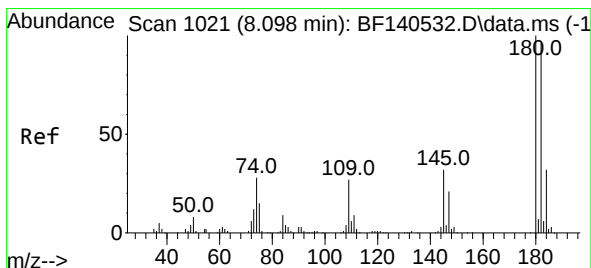
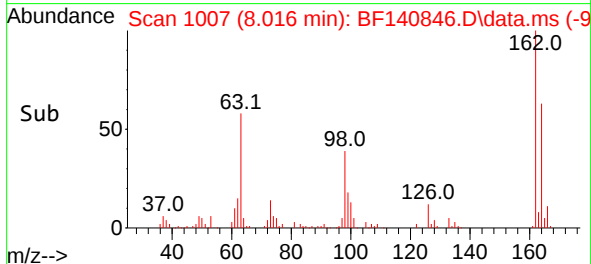
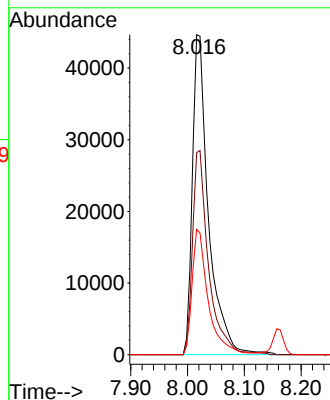
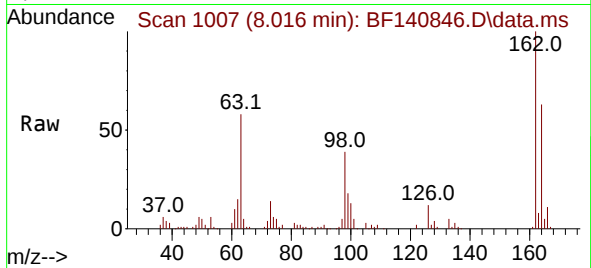




#29
2,4-Dichlorophenol
Concen: 47.710 ng
RT: 8.016 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

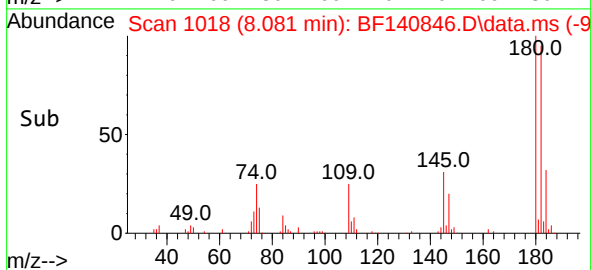
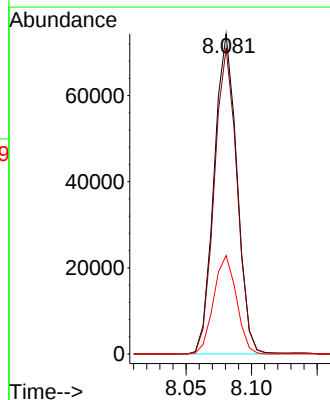
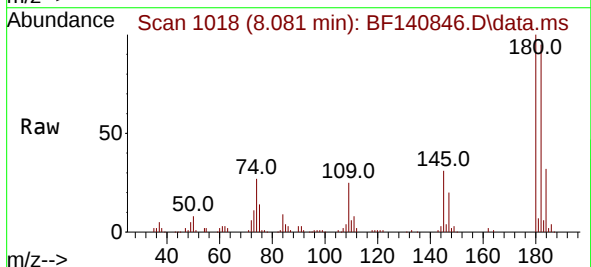
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:162 Resp: 88434
Ion Ratio Lower Upper
162 100
164 63.1 44.8 84.8
98 39.2 21.2 61.2



#30
1,2,4-Trichlorobenzene
Concen: 42.392 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:180 Resp: 89718
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 30.7 25.9 38.9

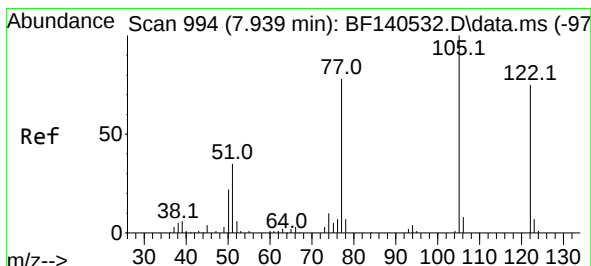
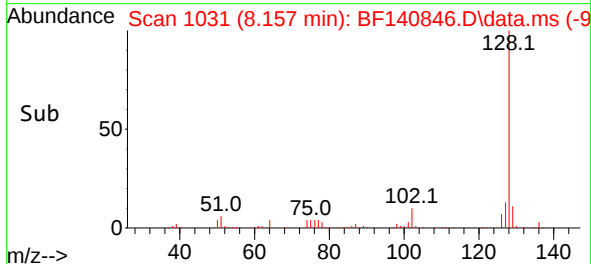
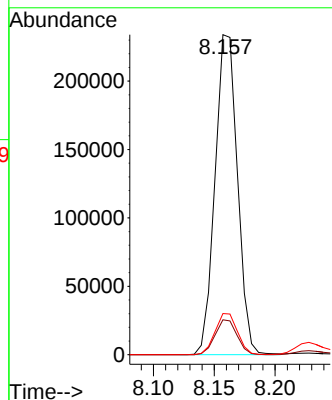
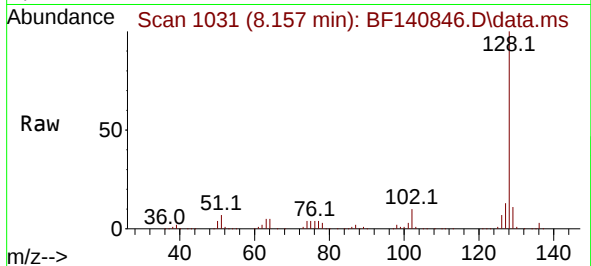




#31
Naphthalene
Concen: 44.628 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.024 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

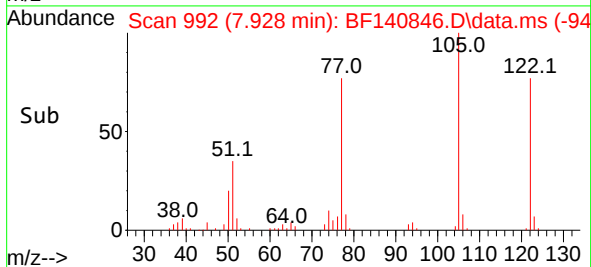
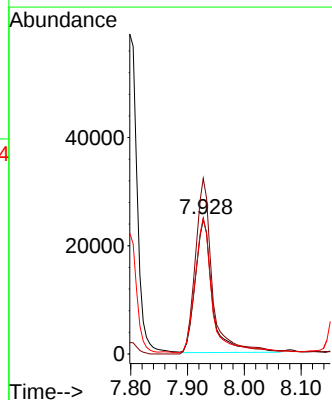
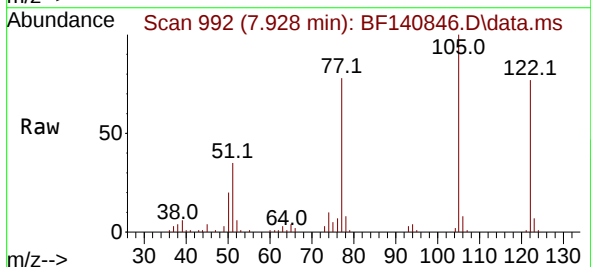
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

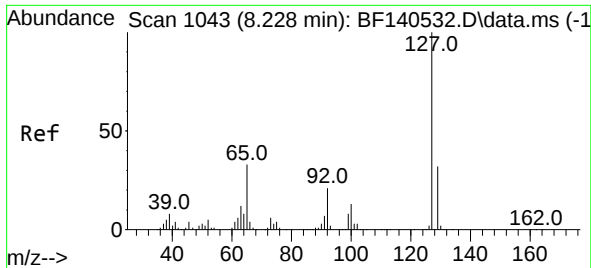
Tgt Ion:128 Resp: 300143
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 43.591 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:122 Resp: 52118
Ion Ratio Lower Upper
122 100
105 130.4 109.3 149.3
77 101.2 82.3 122.3

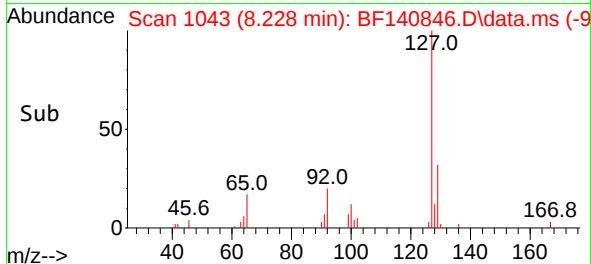
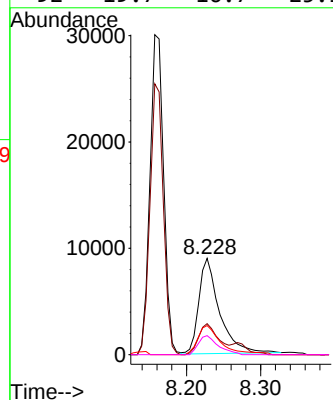
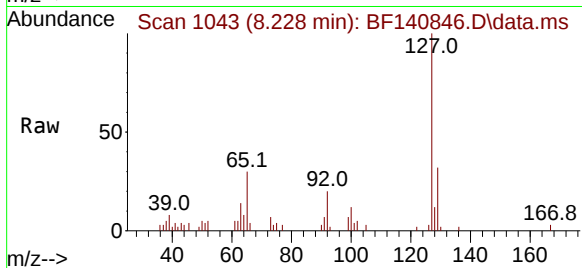




#33
4-Chloroaniline
Concen: 8.613 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

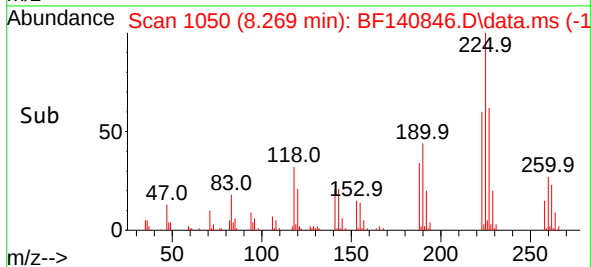
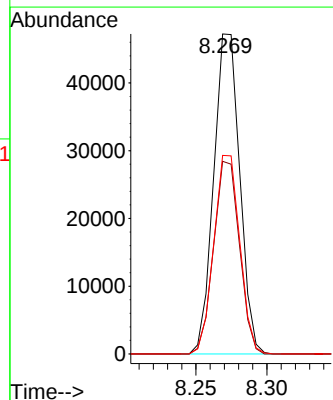
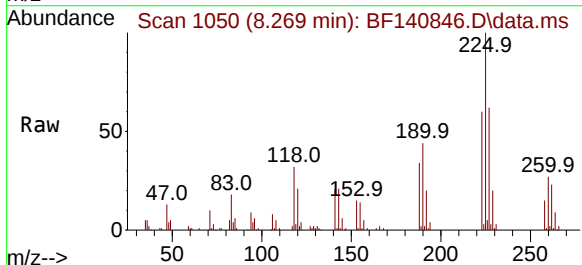
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

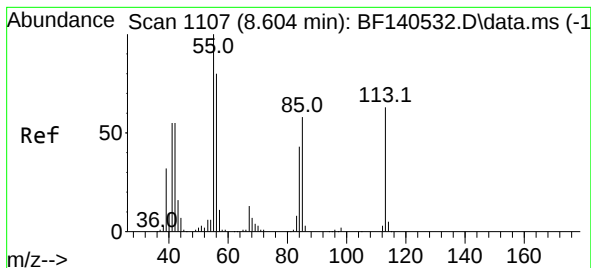
Tgt Ion:	127	Resp:	17343
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	30.2	26.0	39.0
92	19.7	16.7	25.1



#34
Hexachlorobutadiene
Concen: 42.875 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.024 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:	225	Resp:	60102
Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.8	74.8
227	62.0	51.3	76.9





#35

Caprolactam

Concen: 29.280 ng

RT: 8.581 min Scan# 1103

Delta R.T. -0.024 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

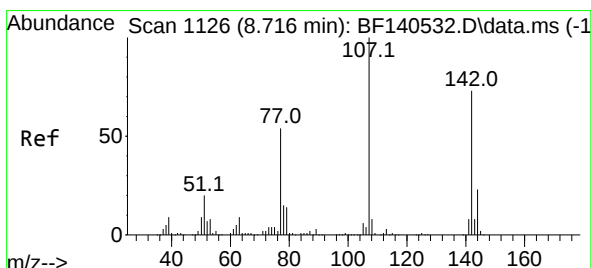
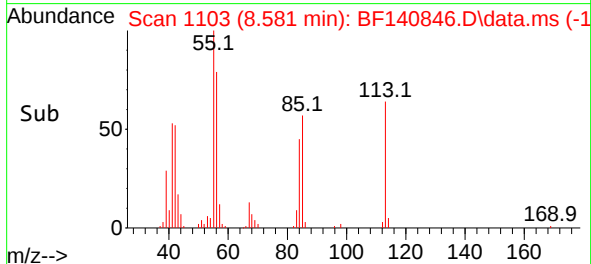
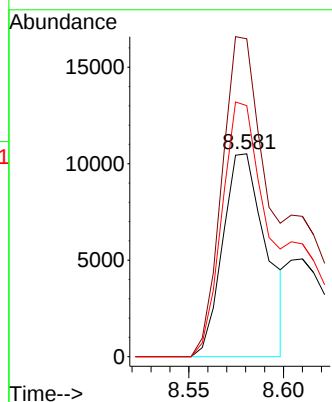
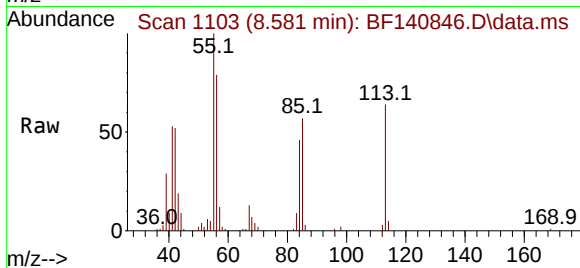
Tgt Ion:113 Resp: 16796

Ion Ratio Lower Upper

113 100

55 156.7 137.7 177.7

56 123.7 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 49.310 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

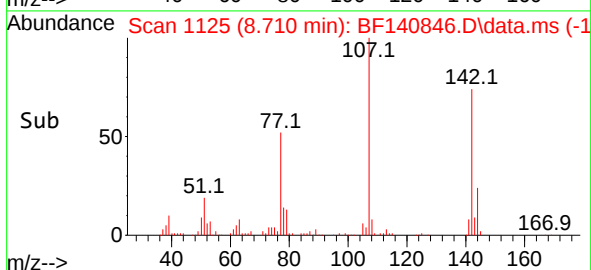
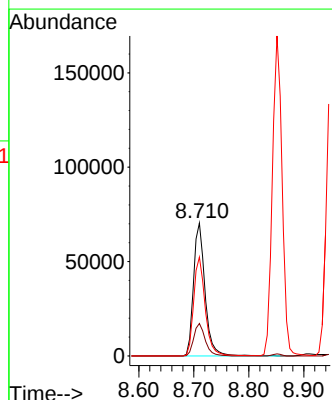
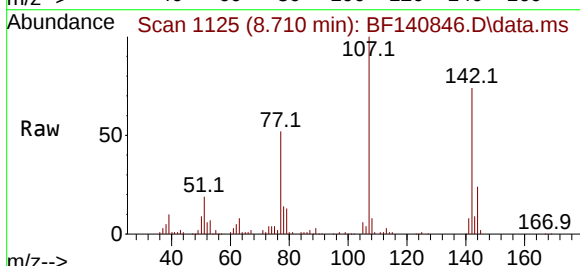
Tgt Ion:107 Resp: 102335

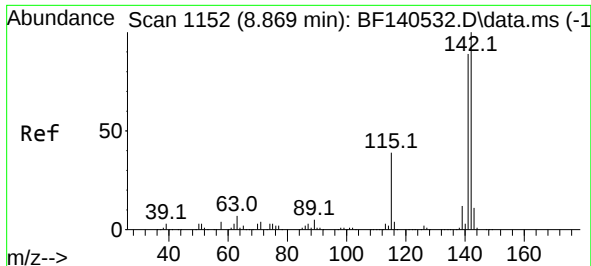
Ion Ratio Lower Upper

107 100

144 24.4 18.7 28.1

142 74.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 48.544 ng

RT: 8.851 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

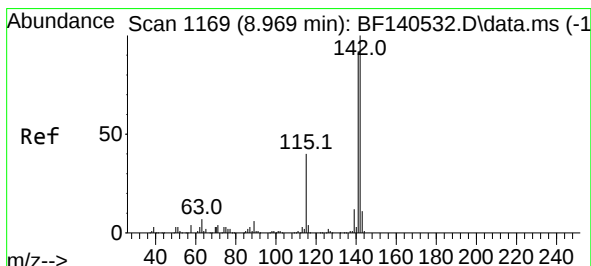
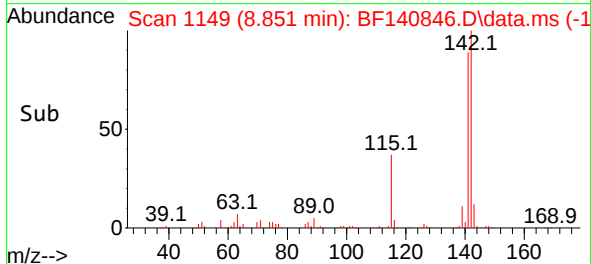
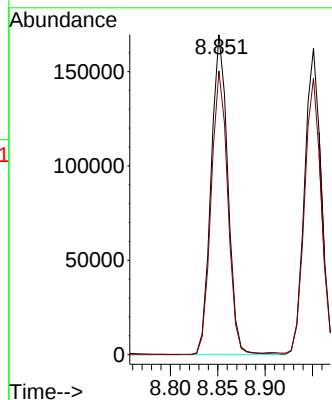
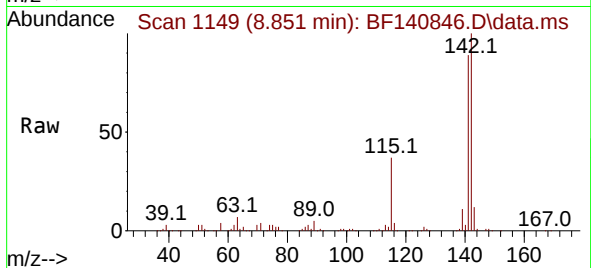
WC-1MSD

Tgt Ion:142 Resp: 207364

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.092 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.018 min

Lab File: BF140846.D

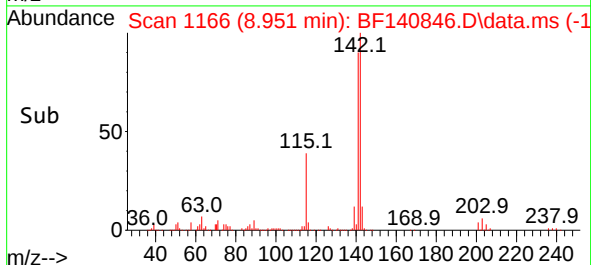
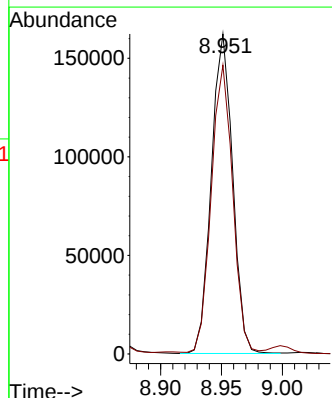
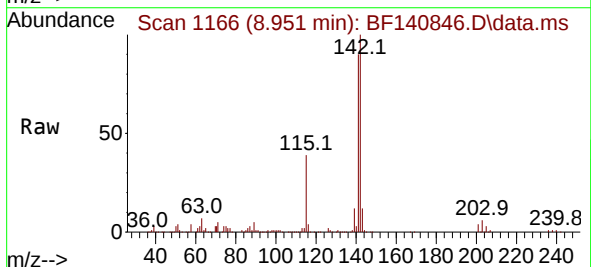
Acq: 13 Dec 2024 16:10

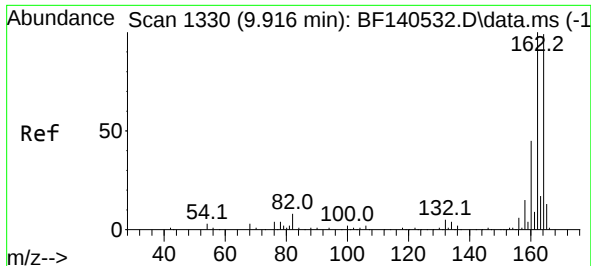
Tgt Ion:142 Resp: 197179

Ion Ratio Lower Upper

142 100

141 90.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.024 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

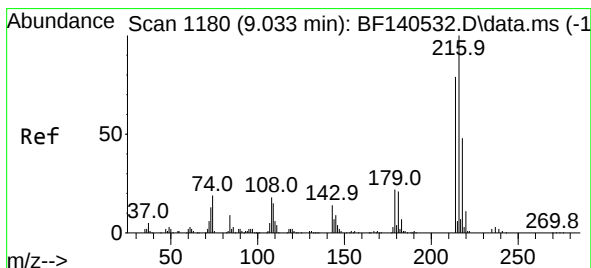
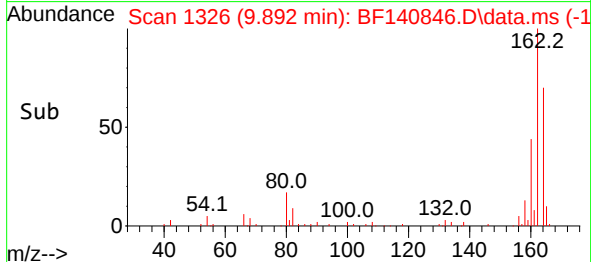
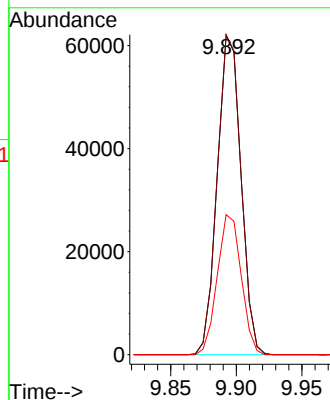
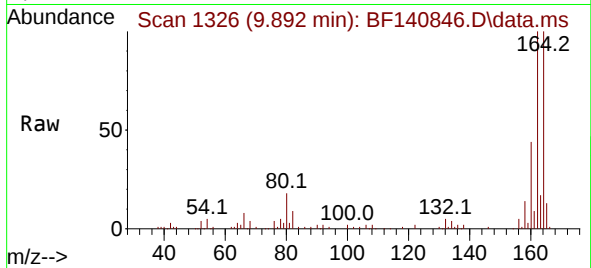
Tgt Ion:164 Resp: 77941

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

160 43.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.545 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.018 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Tgt Ion:216 Resp: 106202

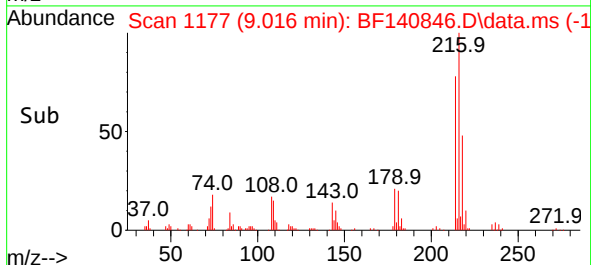
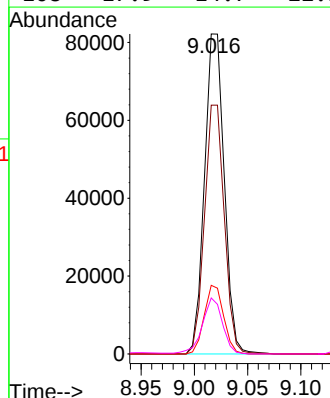
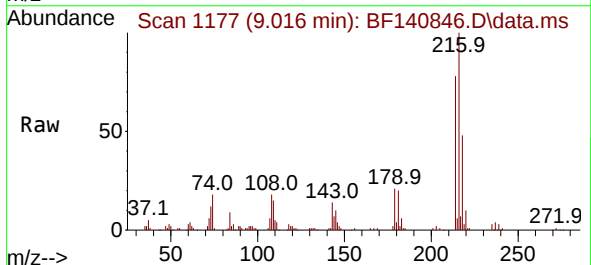
Ion Ratio Lower Upper

216 100

214 77.7 63.0 94.4

179 21.0 17.5 26.3

108 17.9 14.7 22.1

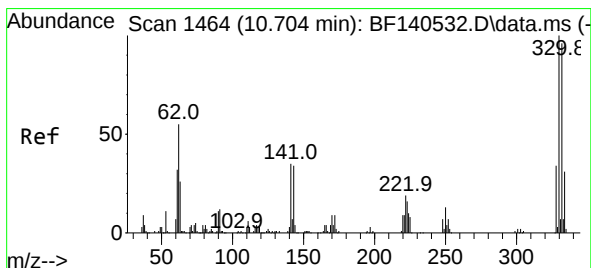
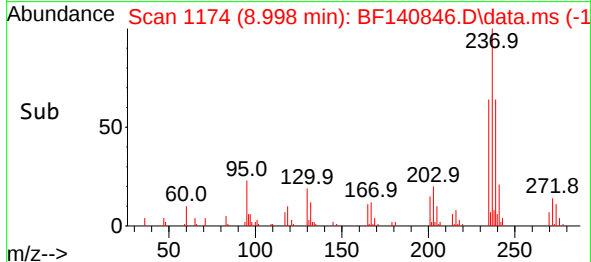
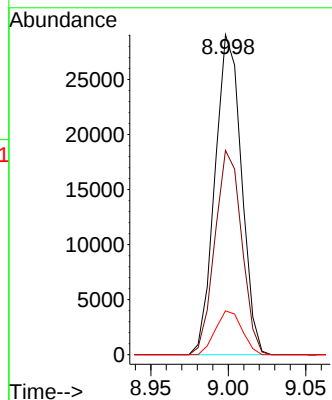
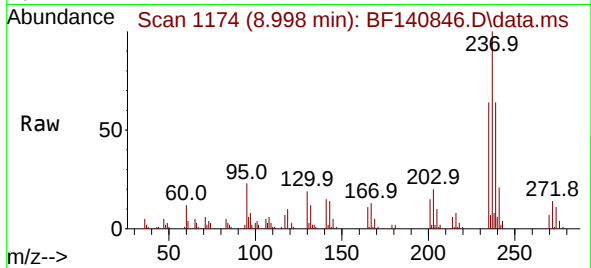




#41
Hexachlorocyclopentadiene
Concen: 68.511 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

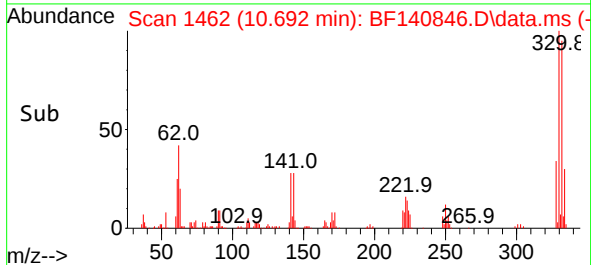
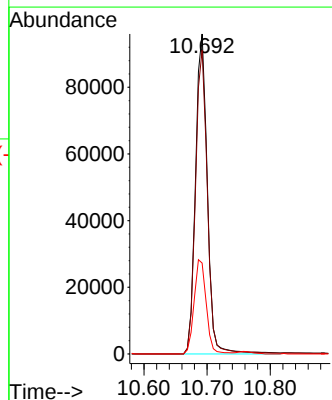
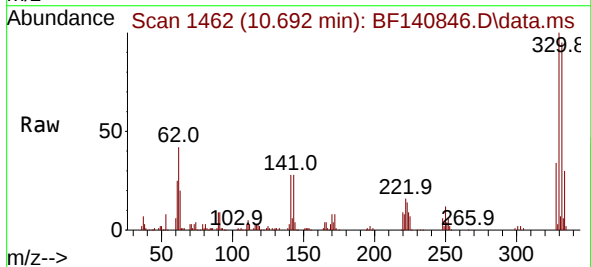
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 237	Resp: 34547
Ion Ratio	Lower Upper
237 100	
235 63.8	41.1 81.1
272 13.7	0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 150.263 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion: 330	Resp: 125257
Ion Ratio	Lower Upper
330 100	
332 95.3	76.9 115.3
141 30.1	26.7 40.1

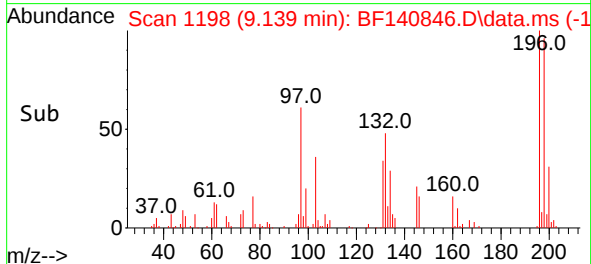
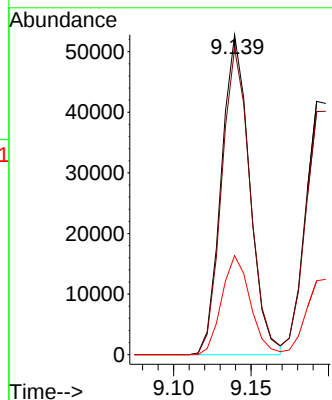
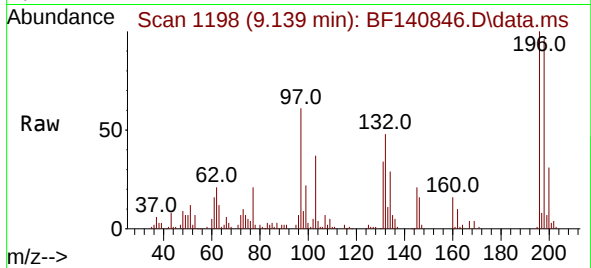




#43
2,4,6-Trichlorophenol
Concen: 46.724 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

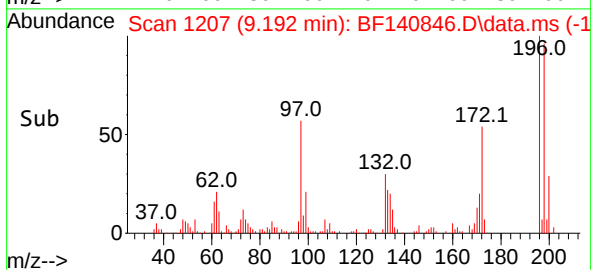
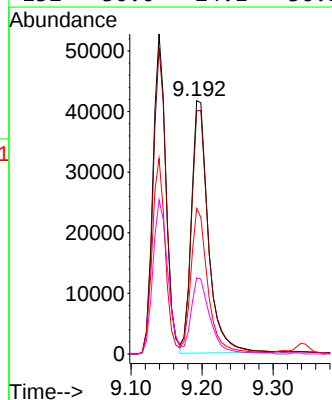
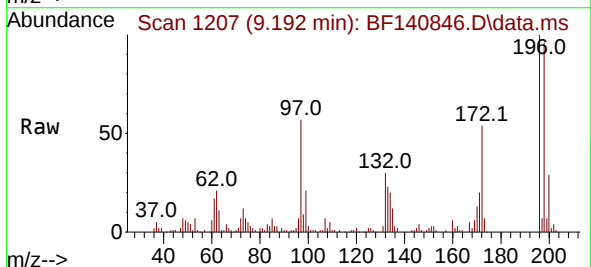
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

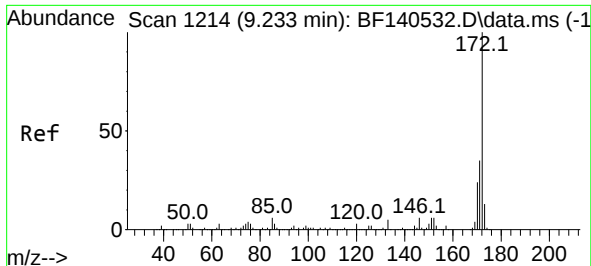
Tgt Ion:196 Resp: 66897
Ion Ratio Lower Upper
196 100
198 95.7 76.8 115.2
200 31.0 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 44.582 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:196 Resp: 69274
Ion Ratio Lower Upper
196 100
198 96.0 77.2 115.8
97 57.4 47.1 70.7
132 30.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 93.156 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

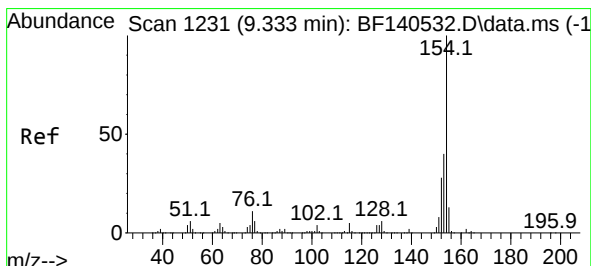
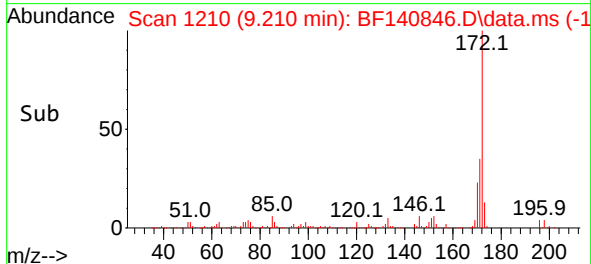
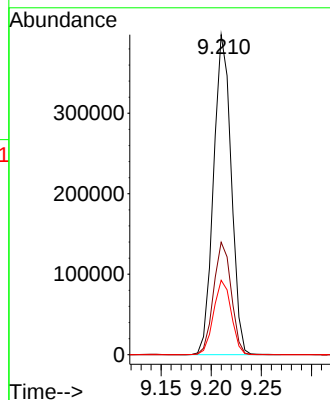
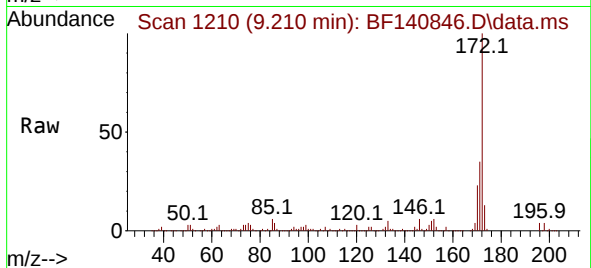
Tgt Ion:172 Resp: 487313

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.699 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.018 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

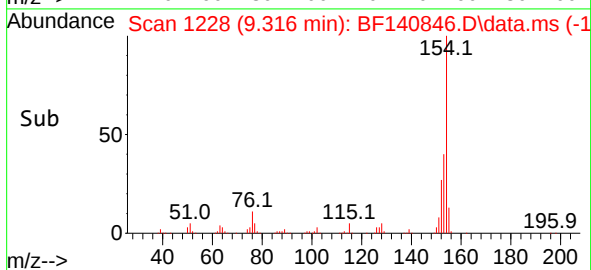
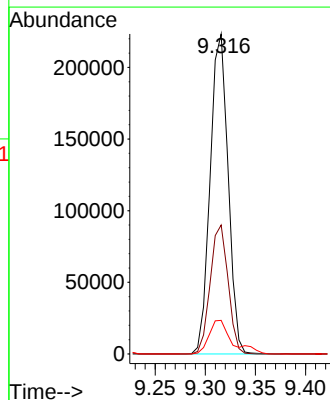
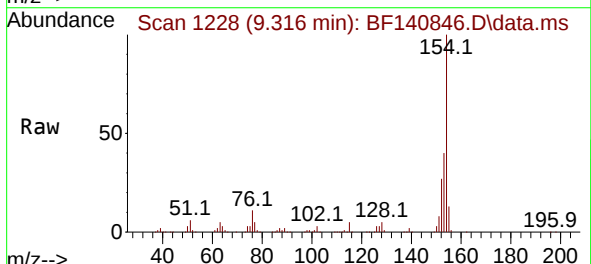
Tgt Ion:154 Resp: 277567

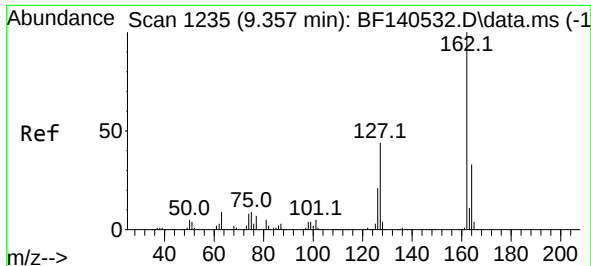
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 10.5 0.0 31.2

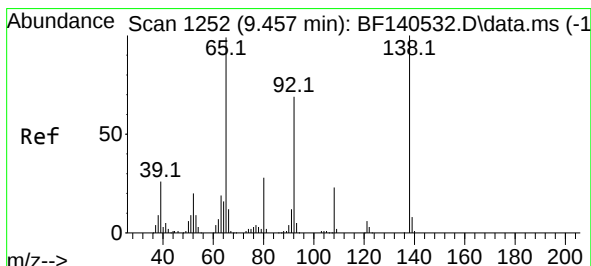
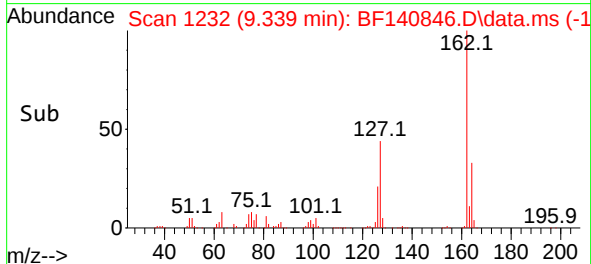
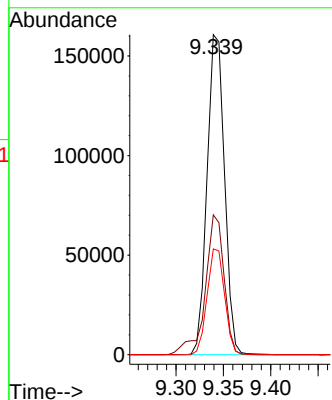
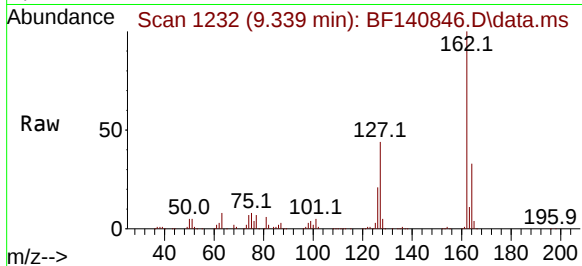




#47
2-Chloronaphthalene
Concen: 46.725 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

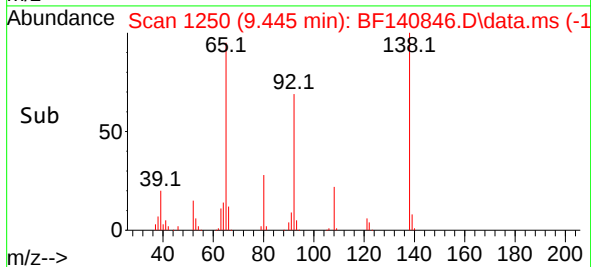
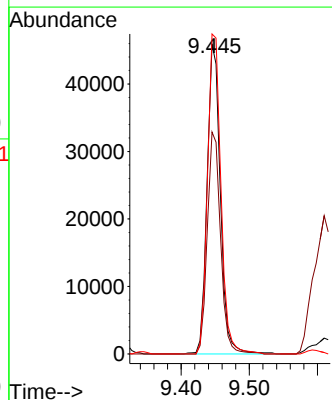
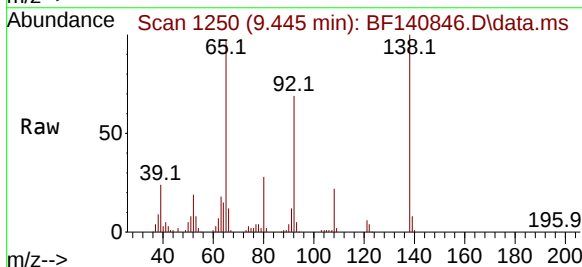
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

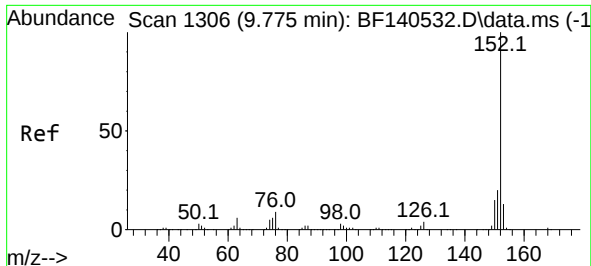
Tgt Ion:162 Resp: 206025
Ion Ratio Lower Upper
162 100
127 43.7 35.7 53.5
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 43.877 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion: 65 Resp: 62099
Ion Ratio Lower Upper
65 100
92 71.7 56.1 84.1
138 103.4 81.0 121.6

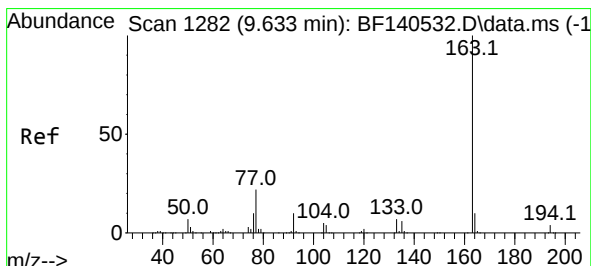
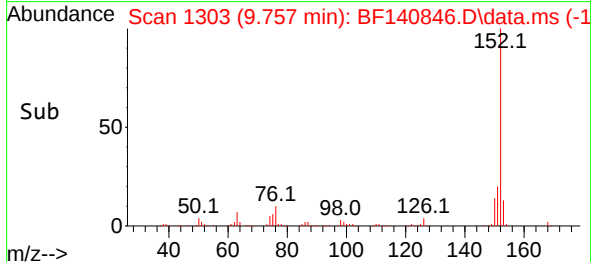
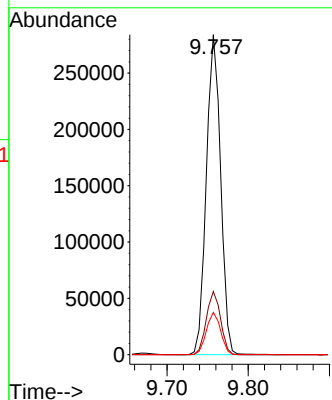
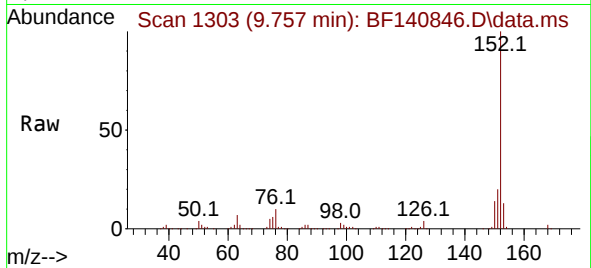




#49
Acenaphthylene
Concen: 51.997 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

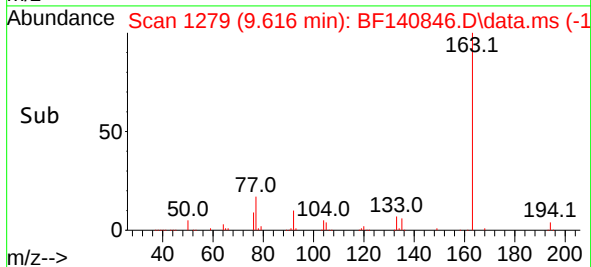
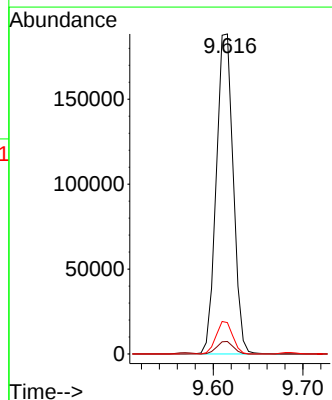
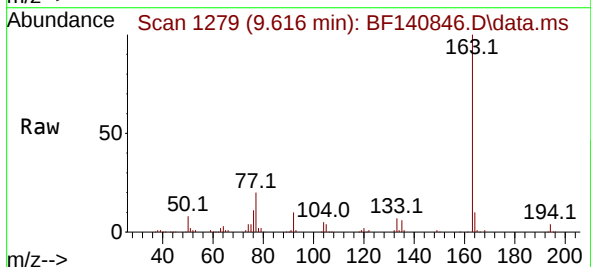
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

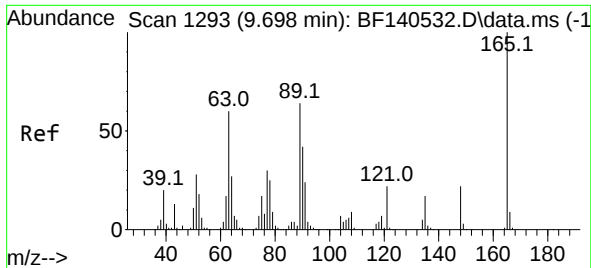
Tgt Ion:152 Resp: 346412
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 48.157 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:163 Resp: 247199
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.2 12.2

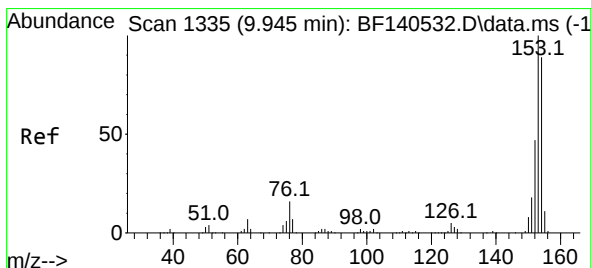
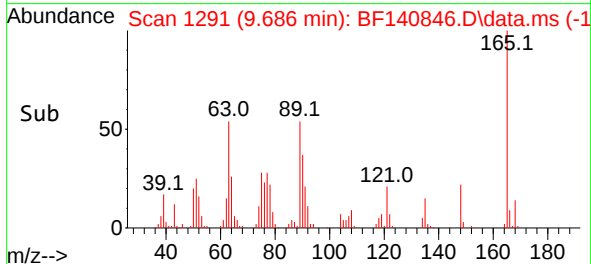
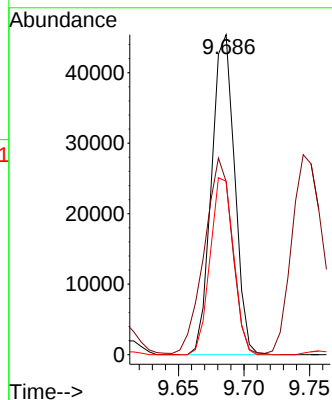
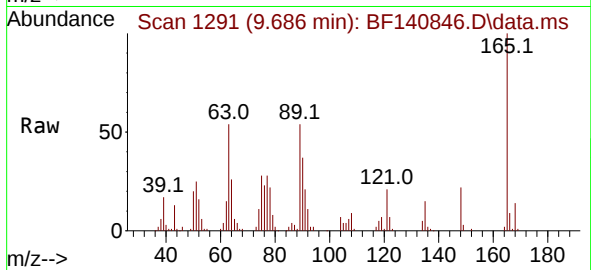




#51
2,6-Dinitrotoluene
Concen: 47.750 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

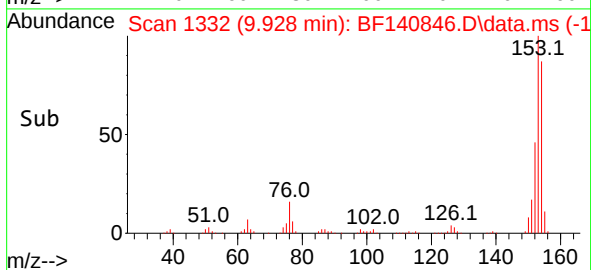
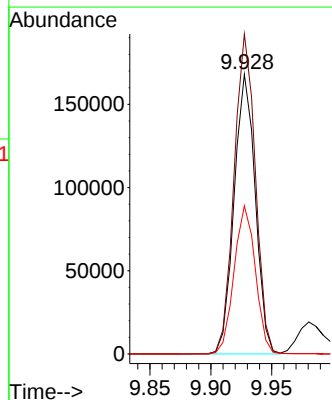
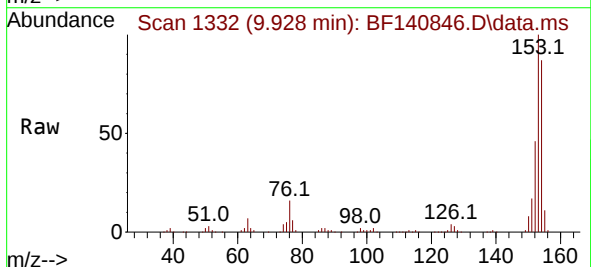
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

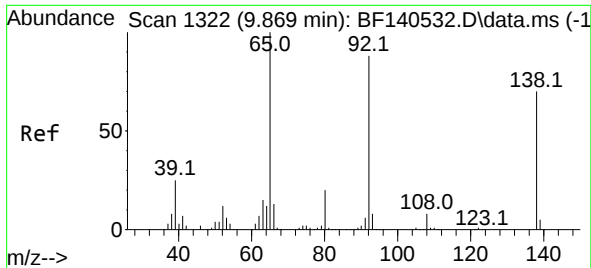
Tgt Ion:165 Resp: 55589
Ion Ratio Lower Upper
165 100
63 54.1 49.9 74.9
89 54.2 50.9 76.3



#52
Acenaphthene
Concen: 48.138 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:154 Resp: 203770
Ion Ratio Lower Upper
154 100
153 114.4 89.7 134.5
152 53.0 42.5 63.7

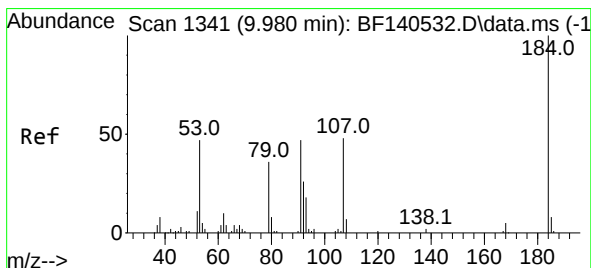
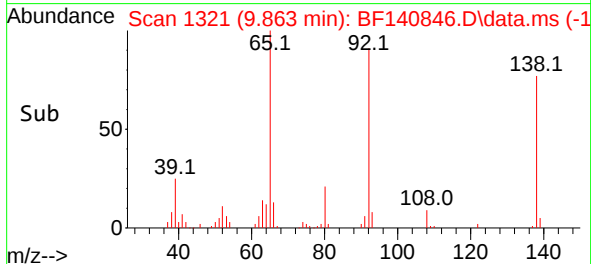
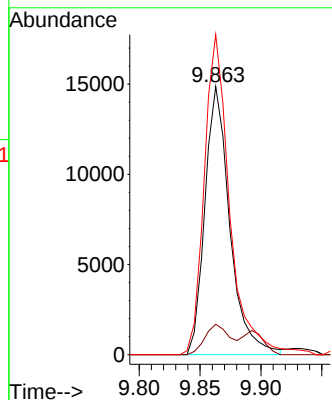
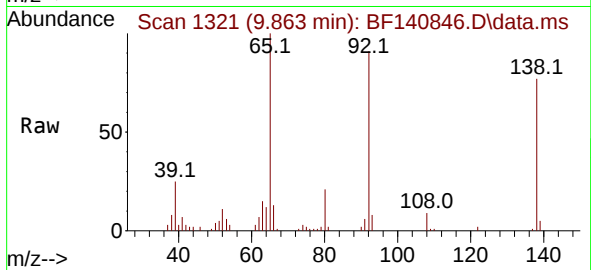




#53
3-Nitroaniline
Concen: 18.637 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

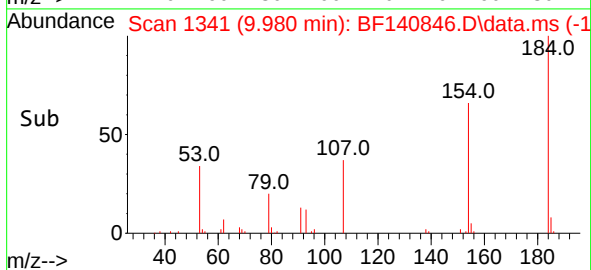
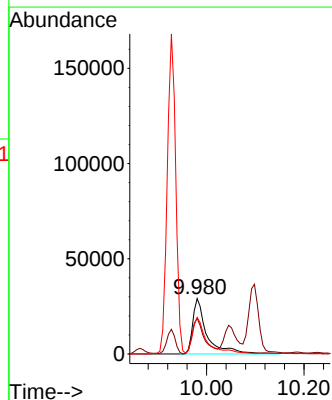
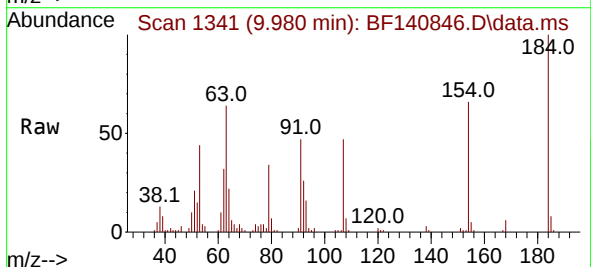
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

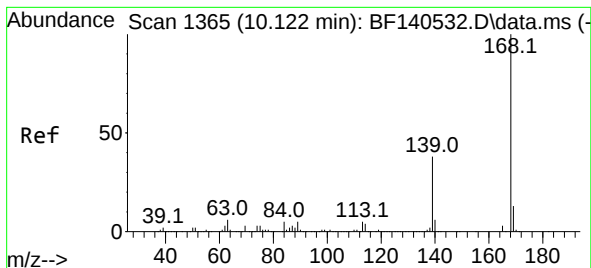
Tgt Ion:138 Resp: 21220
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 119.3 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 97.143 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:184 Resp: 59691
Ion Ratio Lower Upper
184 100
63 64.4 54.1 81.1
154 66.0 57.4 86.0





#55

Dibenzenofuran

Concen: 50.065 ng

RT: 10.104 min Scan# 1362

Delta R.T. -0.018 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

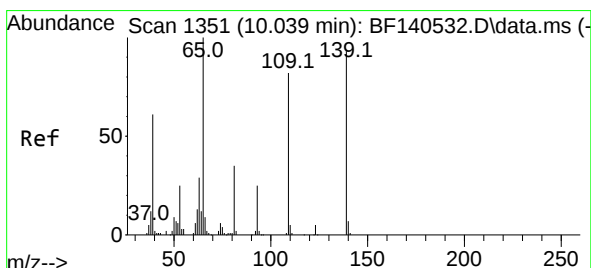
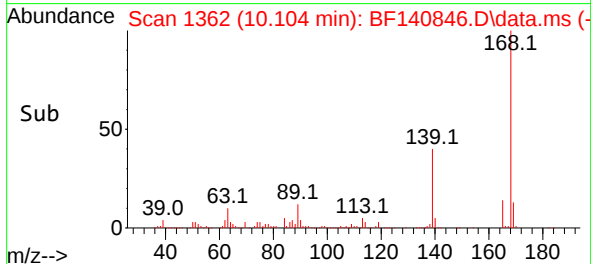
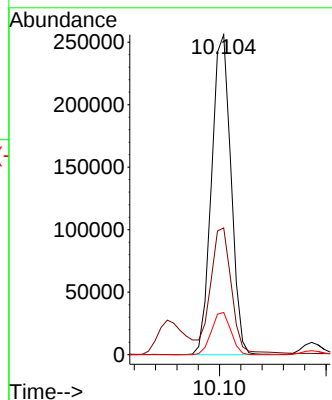
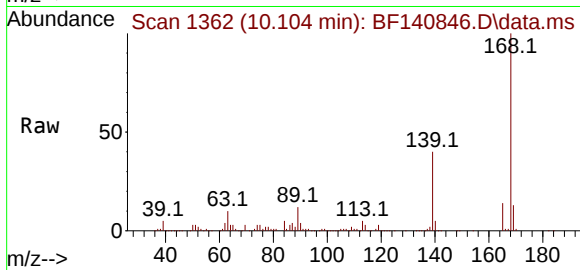
Tgt Ion:168 Resp: 323262

Ion Ratio Lower Upper

168 100

139 39.6 31.3 46.9

169 13.2 10.5 15.7



#56

4-Nitrophenol

Concen: 61.357 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

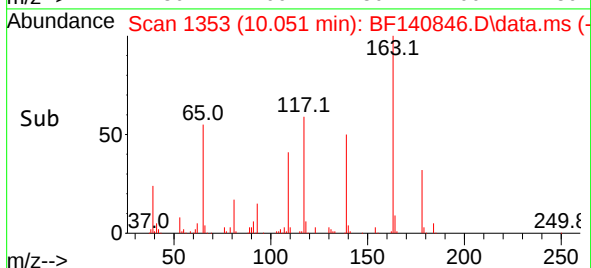
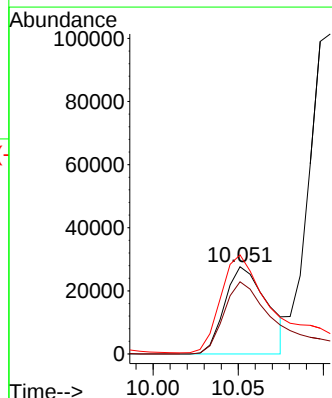
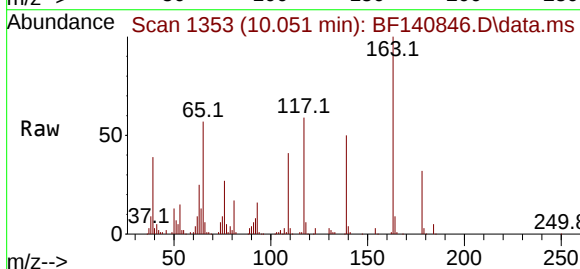
Tgt Ion:139 Resp: 47646

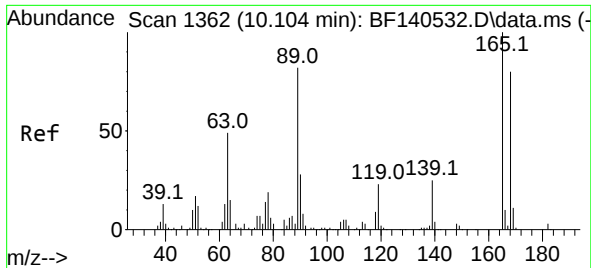
Ion Ratio Lower Upper

139 100

109 82.8 68.4 108.4

65 113.6 88.6 128.6

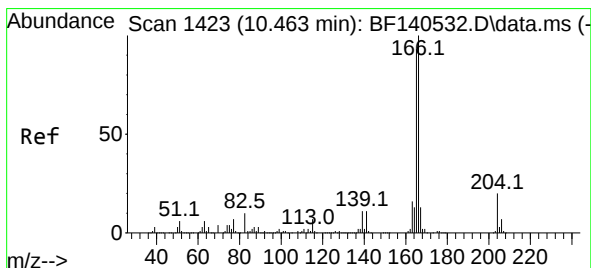
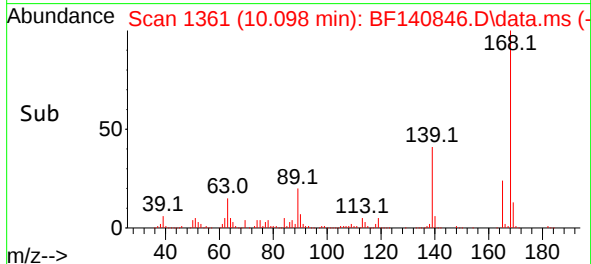
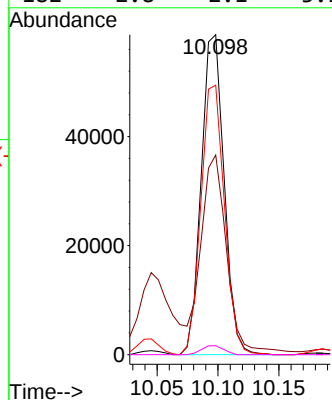
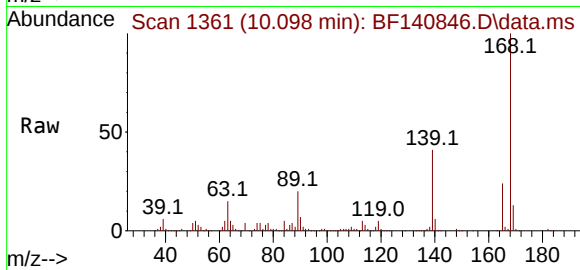




#57
2,4-Dinitrotoluene
Concen: 49.503 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

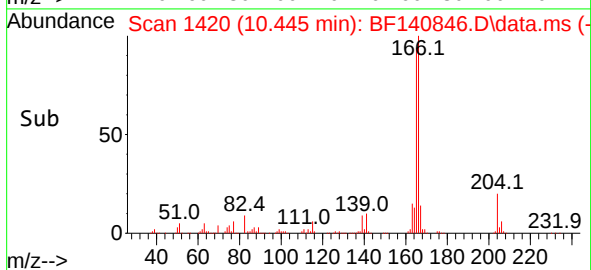
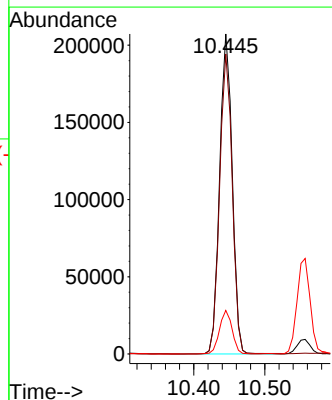
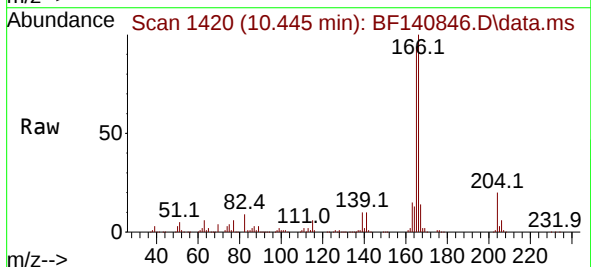
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:	165	Resp:	76592
Ion Ratio	Lower	Upper	
165	100		
63	62.4	41.7	62.5
89	84.2	65.8	98.8
182	2.8	2.1	3.1



#58
Fluorene
Concen: 49.058 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:	166	Resp:	254253
Ion Ratio	Lower	Upper	
166	100		
165	93.8	74.6	111.8
167	13.6	10.6	16.0

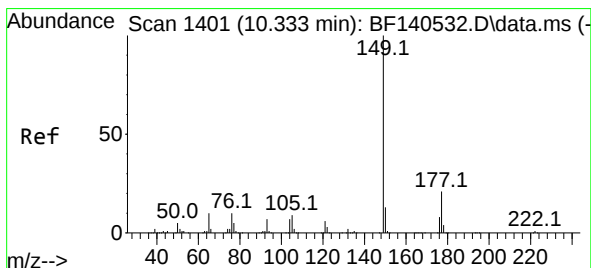
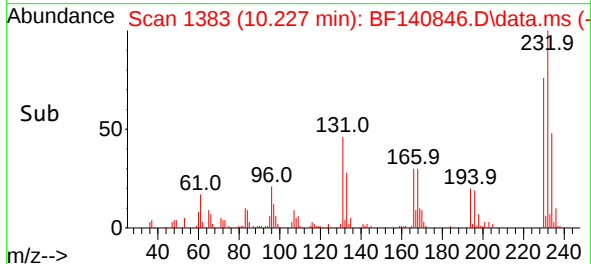
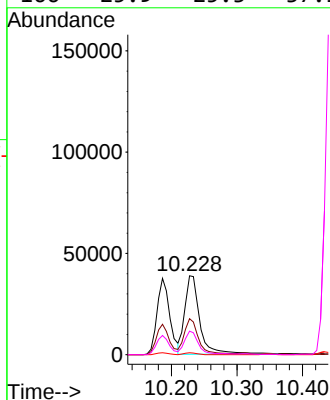
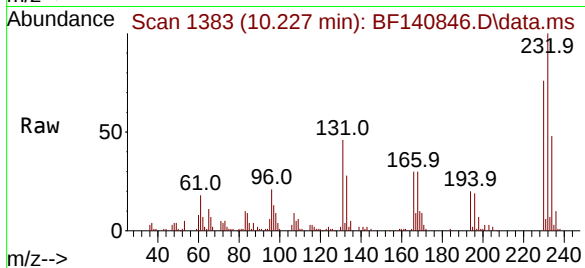




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.323 ng
RT: 10.227 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

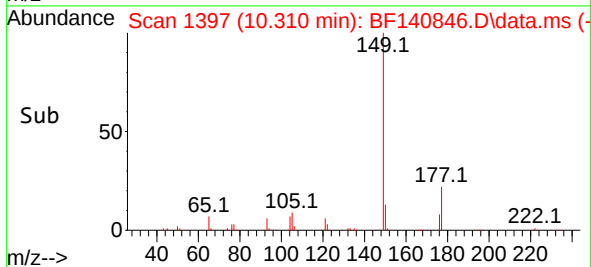
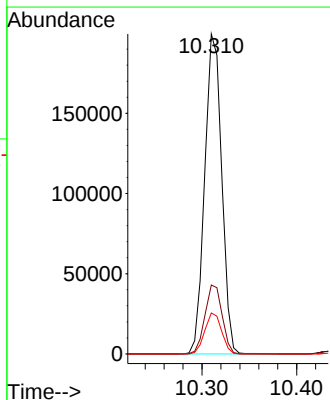
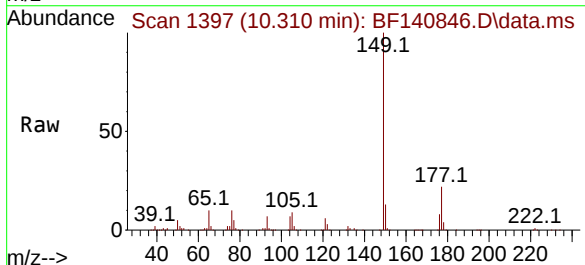
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

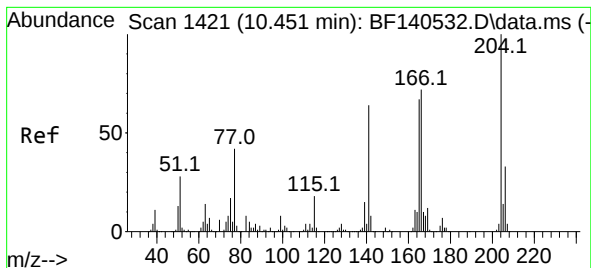
Tgt Ion:232 Resp: 61290
Ion Ratio Lower Upper
232 100
131 40.5 39.6 59.4
130 2.0 1.9 2.9
166 25.9 25.3 37.9



#60
Diethylphthalate
Concen: 47.564 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.024 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:149 Resp: 248063
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.8 10.1 15.1

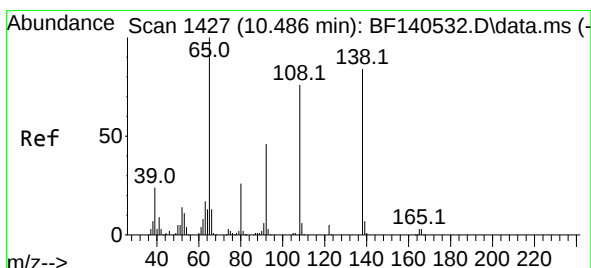
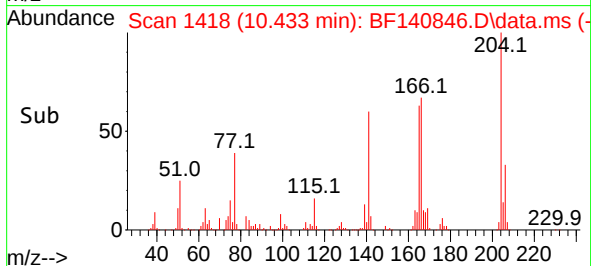
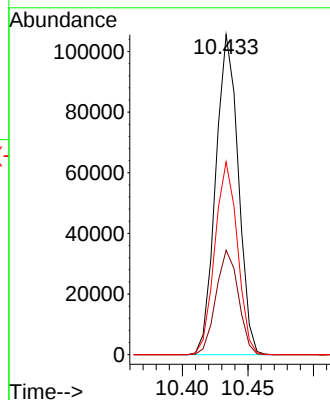
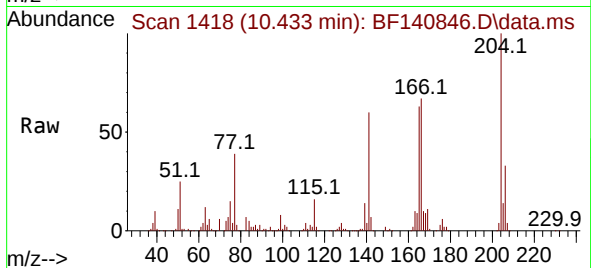




#61
4-Chlorophenyl-phenylether
Concen: 49.696 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

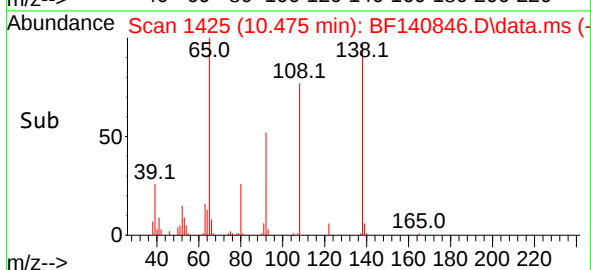
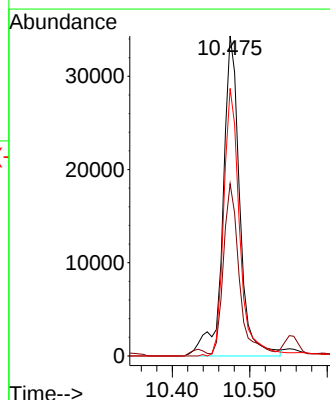
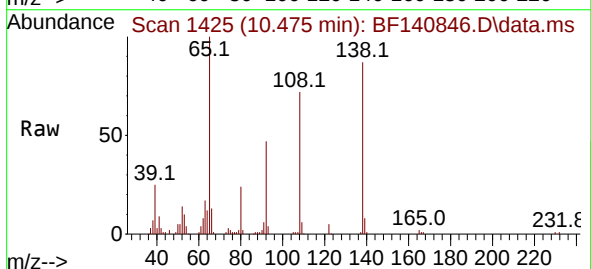
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

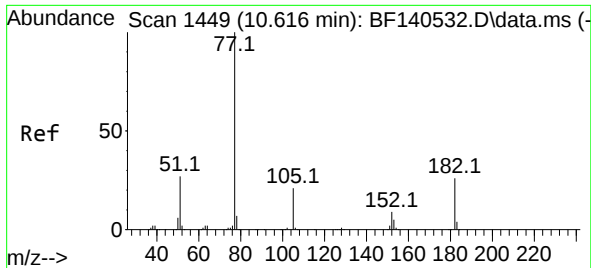
Tgt Ion:204 Resp: 126399
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 60.3 51.1 76.7



#62
4-Nitroaniline
Concen: 43.325 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:138 Resp: 51739
Ion Ratio Lower Upper
138 100
92 53.8 34.5 74.5
108 83.6 70.6 110.6

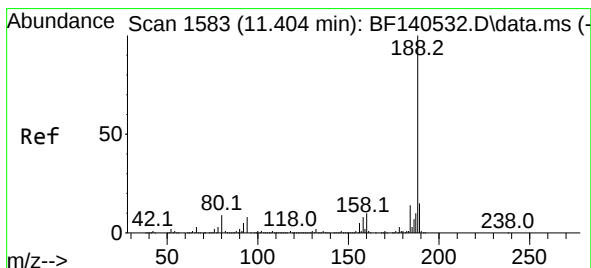
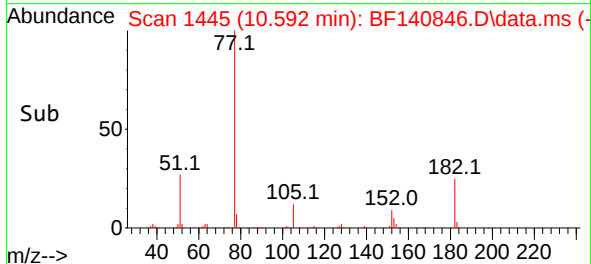
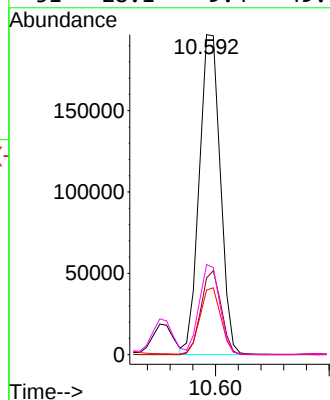
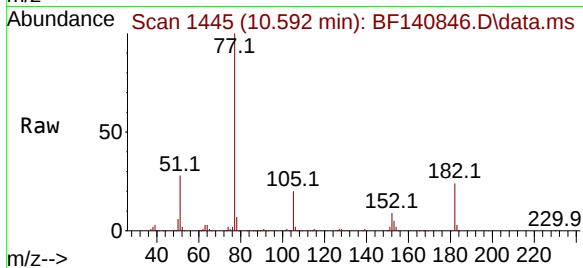




#63
Azobenzene
Concen: 51.117 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.024 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

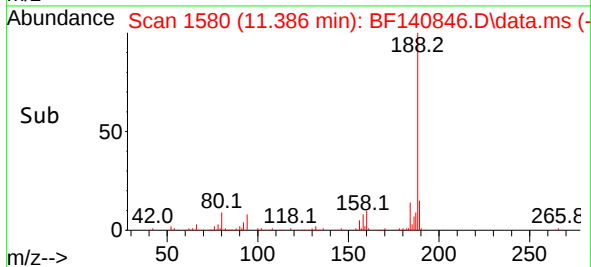
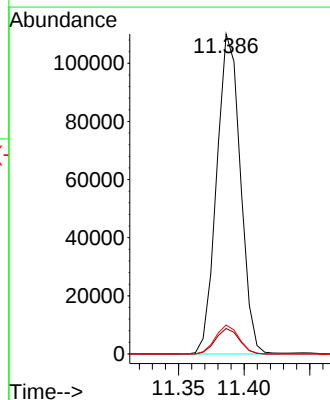
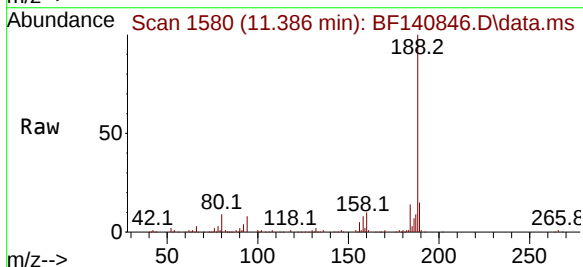
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

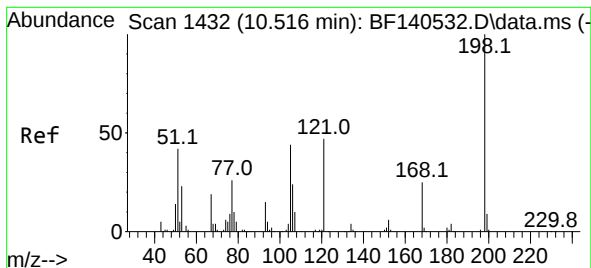
Tgt Ion:	77	Resp:	252464
Ion	Ratio	Lower	Upper
77	100		
182	24.0	5.3	45.3
105	20.2	0.3	40.3
51	28.1	9.4	49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:	188	Resp:	138423
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	9.1	6.9	10.3

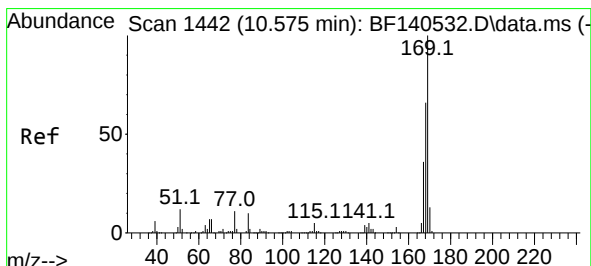
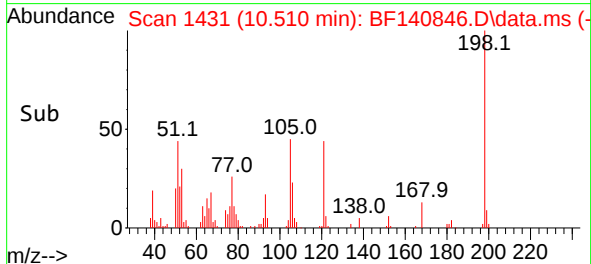
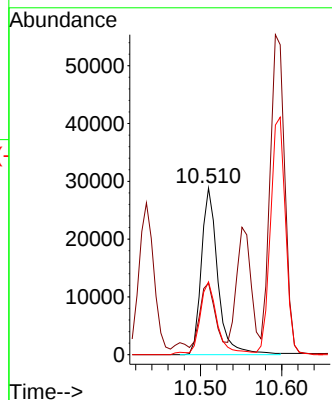
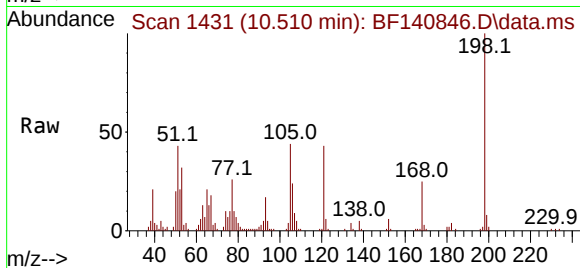




#65
4,6-Dinitro-2-methylphenol
Concen: 57.422 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

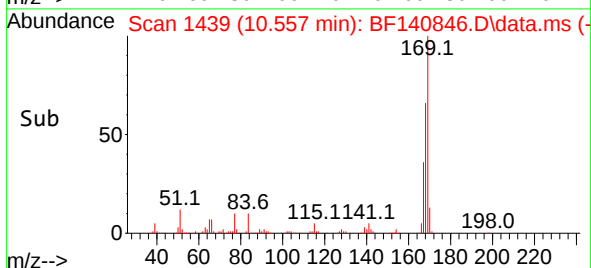
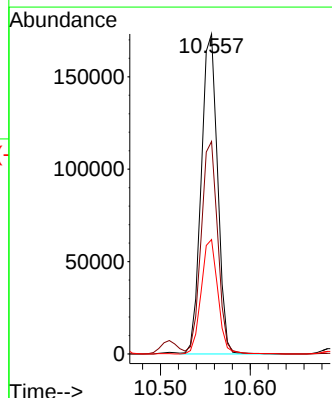
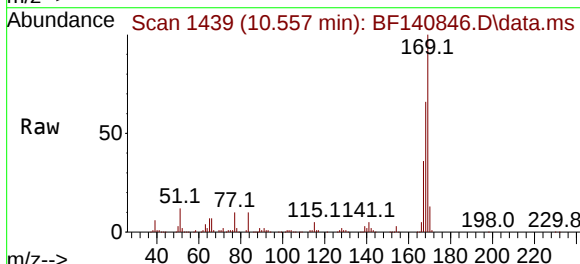
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

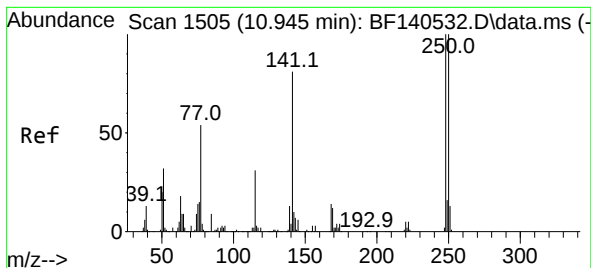
Tgt Ion:198 Resp: 40617
Ion Ratio Lower Upper
198 100
51 42.9 29.4 69.4
105 43.7 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 53.542 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:169 Resp: 219174
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.7 29.0 43.6

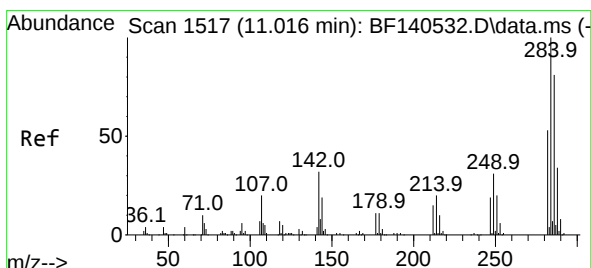
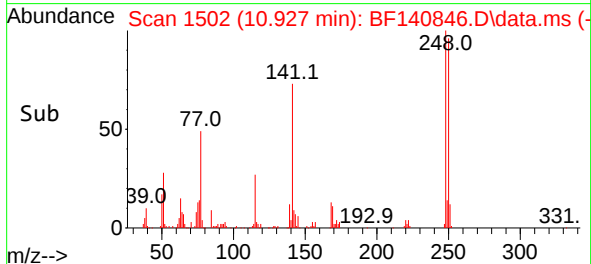
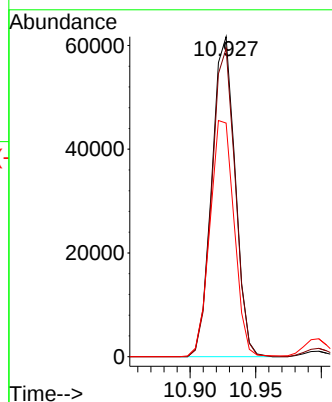
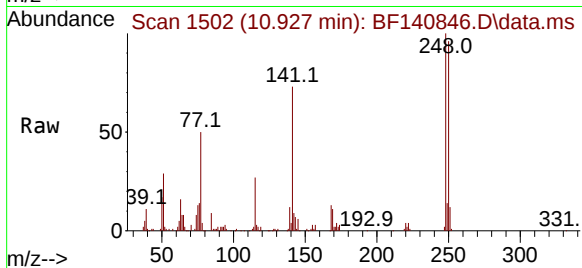




#67
4-Bromophenyl-phenylether
Concen: 53.634 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

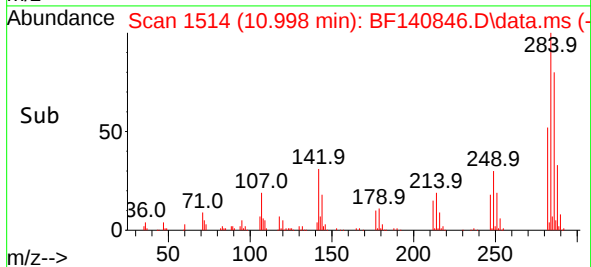
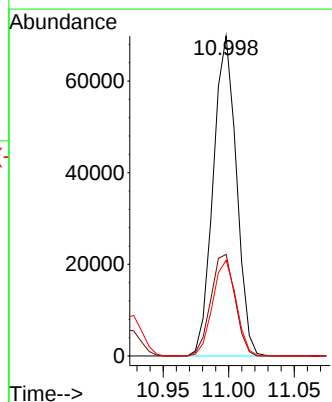
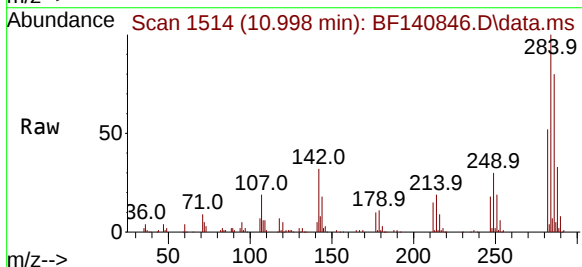
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

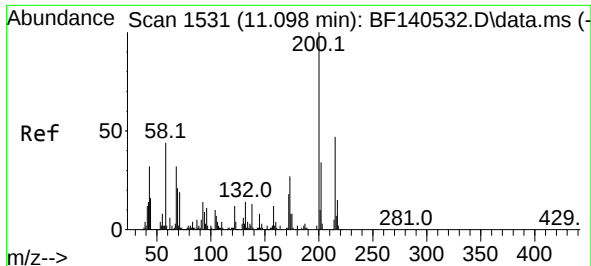
Tgt Ion:248 Resp: 76457
Ion Ratio Lower Upper
248 100
250 96.3 79.8 119.8
141 73.0 64.7 97.1



#68
Hexachlorobenzene
Concen: 52.008 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:284 Resp: 85847
Ion Ratio Lower Upper
284 100
142 31.7 25.3 37.9
249 29.9 24.8 37.2

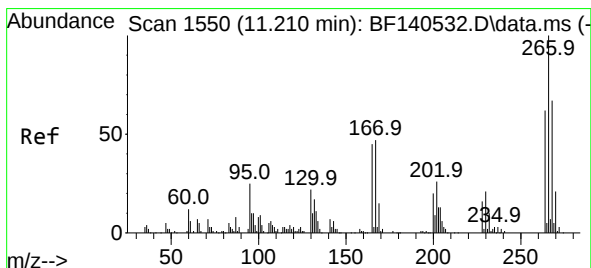
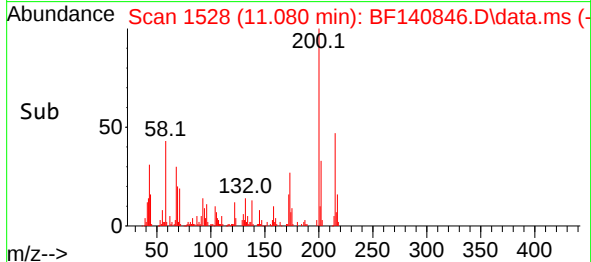
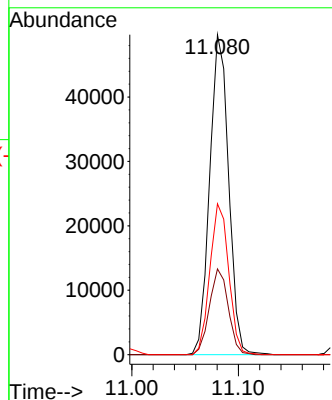
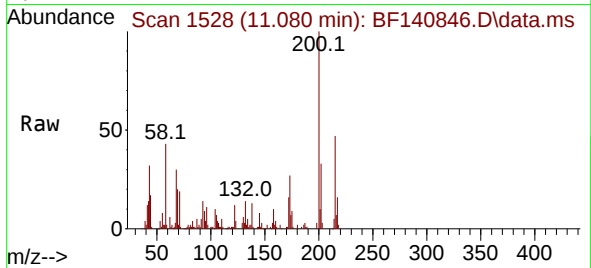




#69
 Atrazine
 Concen: 53.356 ng
 RT: 11.080 min Scan# 1
 Delta R.T. -0.018 min
 Lab File: BF140846.D
 Acq: 13 Dec 2024 16:10

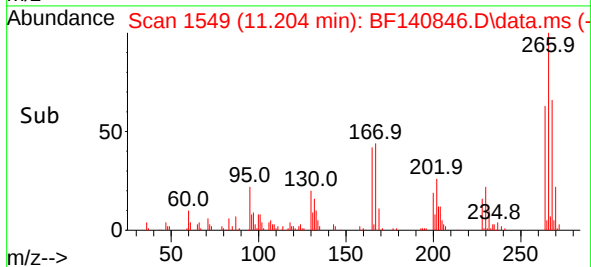
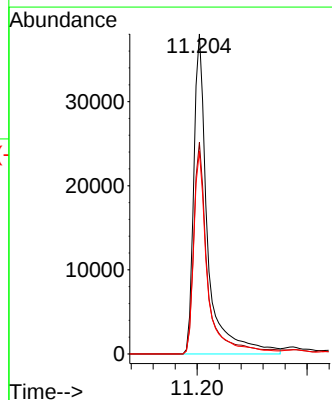
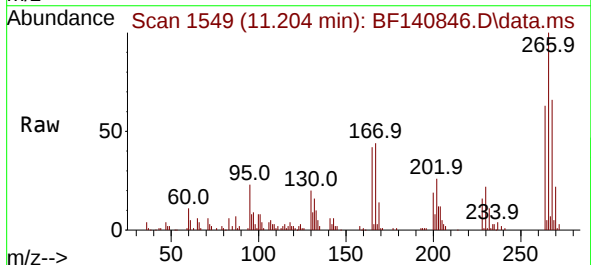
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

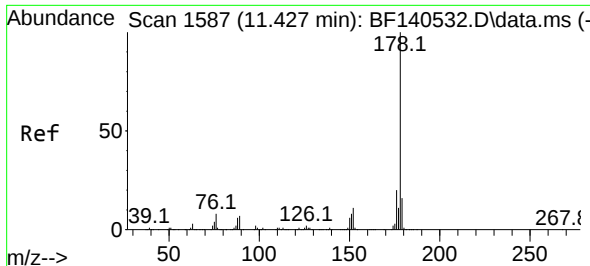
Tgt Ion:200 Resp: 61444
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.0 47.0
 215 47.1 26.7 66.7



#70
 Pentachlorophenol
 Concen: 92.159 ng
 RT: 11.204 min Scan# 1549
 Delta R.T. -0.006 min
 Lab File: BF140846.D
 Acq: 13 Dec 2024 16:10

Tgt Ion:266 Resp: 66952
 Ion Ratio Lower Upper
 266 100
 268 66.1 53.7 80.5
 264 63.3 49.8 74.8

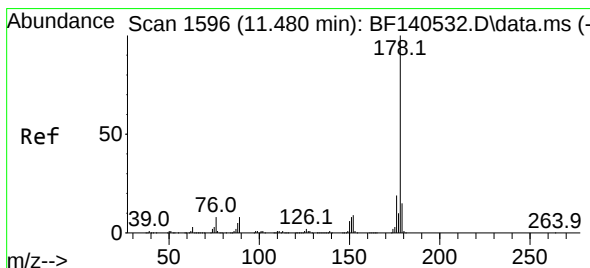
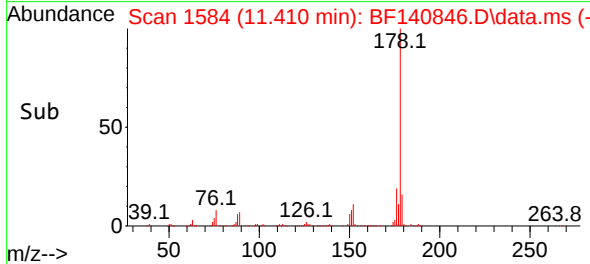
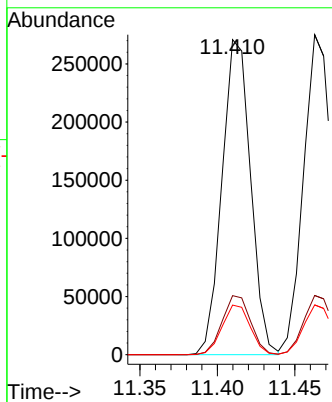
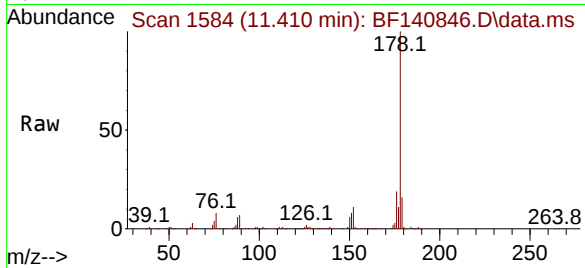




#71
Phenanthrene
Concen: 52.303 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

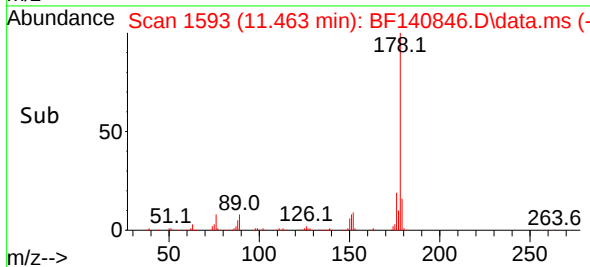
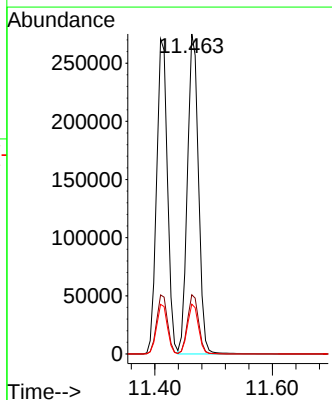
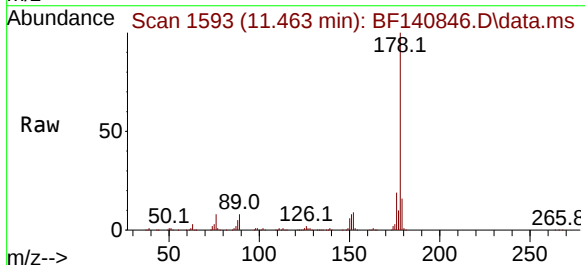
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

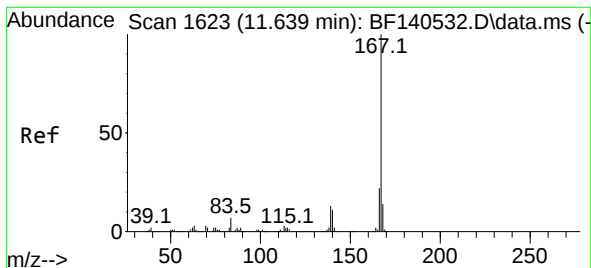
Tgt Ion:178 Resp: 348019
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.6
179 15.7 12.4 18.6



#72
Anthracene
Concen: 55.198 ng
RT: 11.463 min Scan# 1593
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:178 Resp: 359270
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 55.665 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

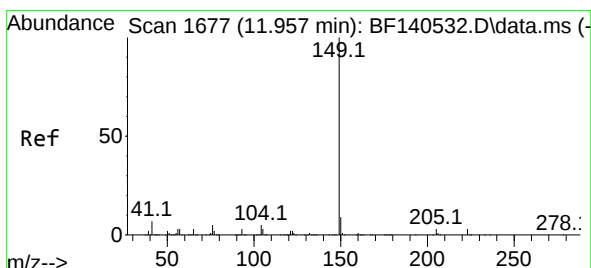
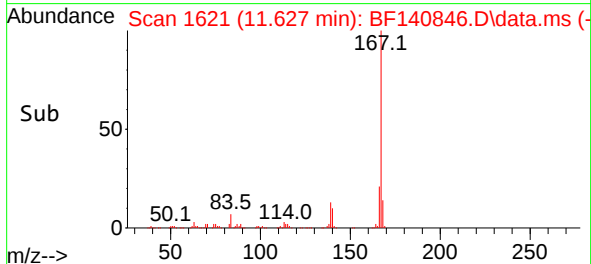
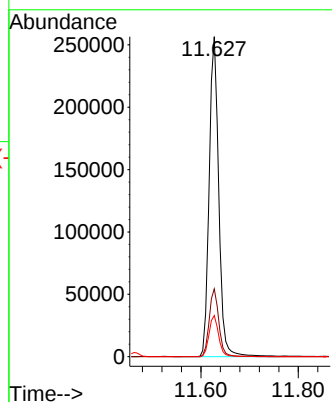
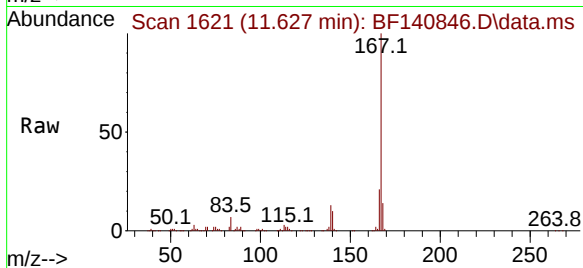
Tgt Ion:167 Resp: 348546

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 58.532 ng

RT: 11.939 min Scan# 1674

Delta R.T. -0.018 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

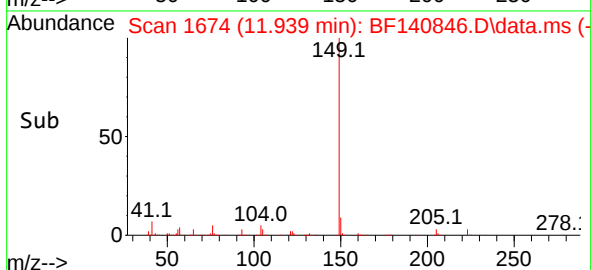
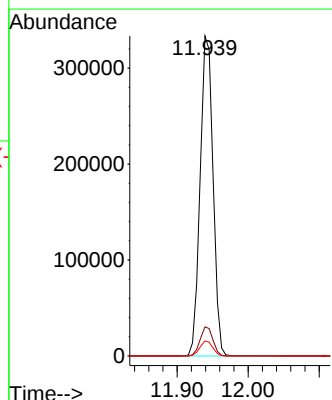
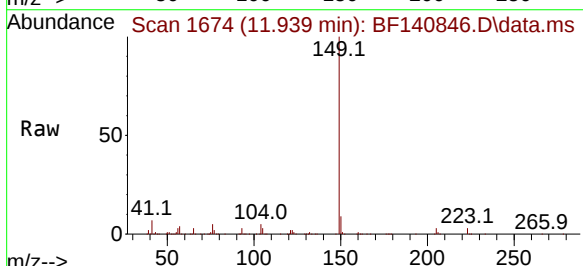
Tgt Ion:149 Resp: 423116

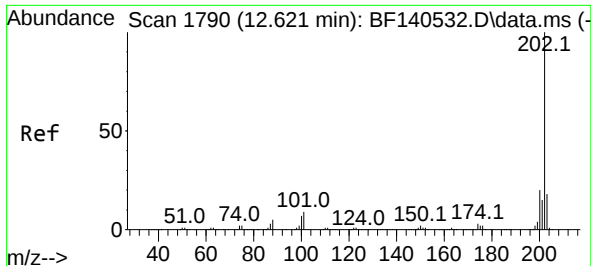
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.7 4.1 6.1

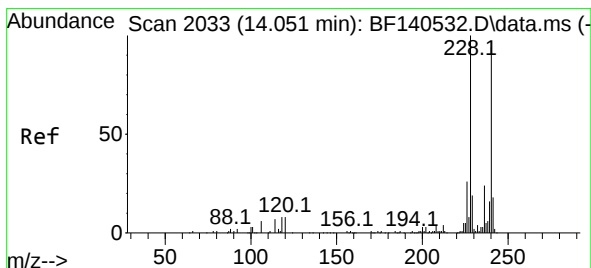
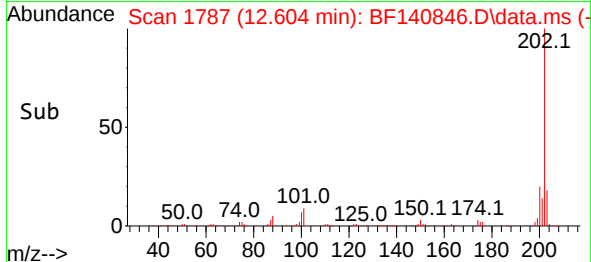
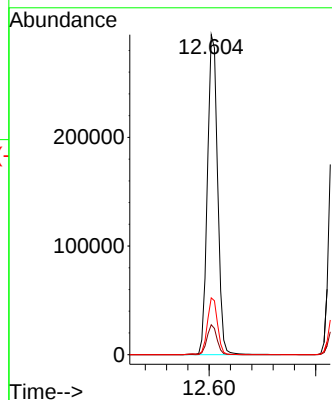
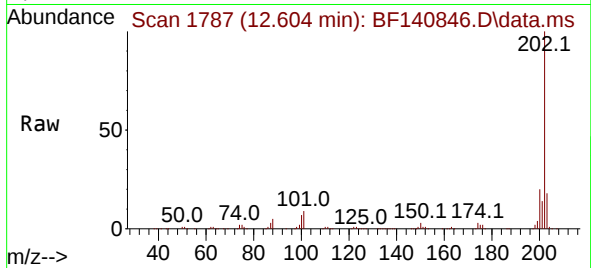




#75
Fluoranthene
Concen: 53.921 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

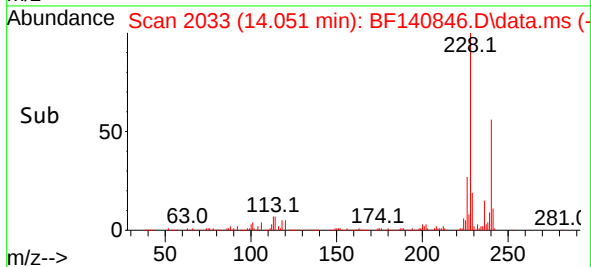
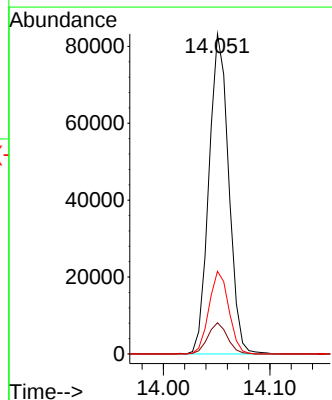
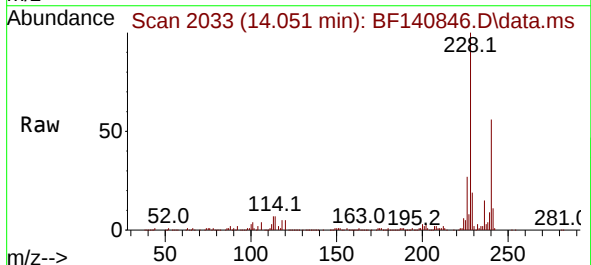
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

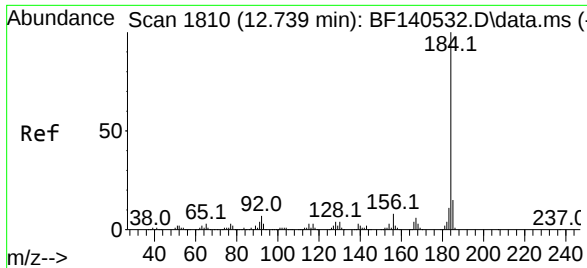
Tgt Ion:202 Resp: 389549
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:240 Resp: 107378
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.9 20.6 31.0

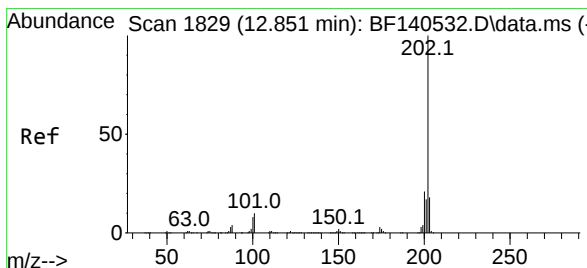
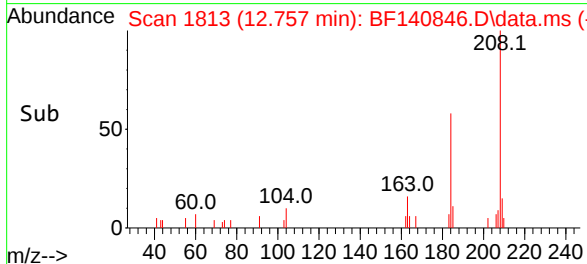
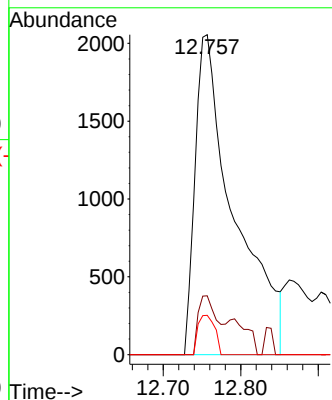
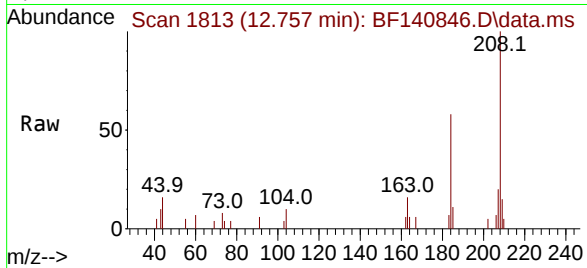




#77
Benzidine
Concen: 2.297 ng
RT: 12.757 min Scan# 1813
Delta R.T. 0.018 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

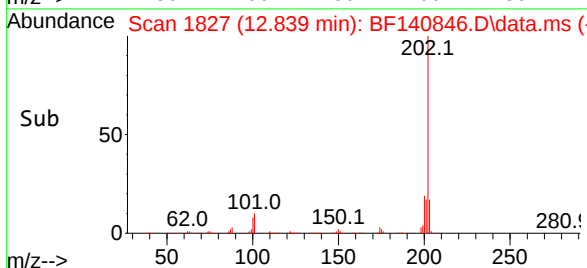
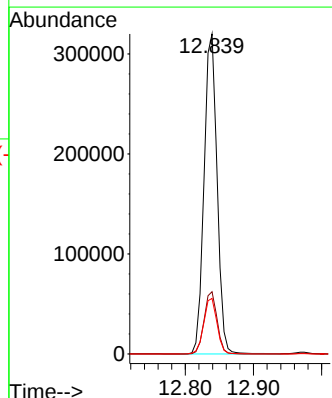
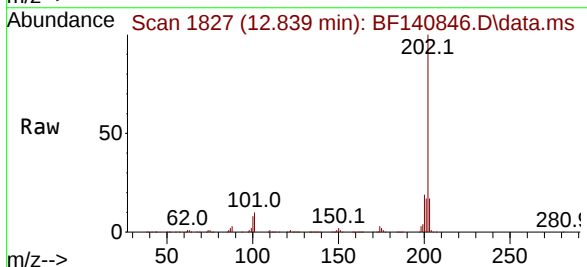
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

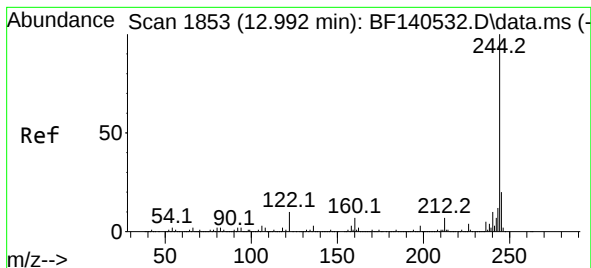
Tgt Ion:184 Resp: 7172
Ion Ratio Lower Upper
184 100
185 18.4 11.7 17.5#
183 12.3 8.8 13.2



#78
Pyrene
Concen: 42.802 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:202 Resp: 424955
Ion Ratio Lower Upper
202 100
200 19.5 16.5 24.7
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 90.640 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

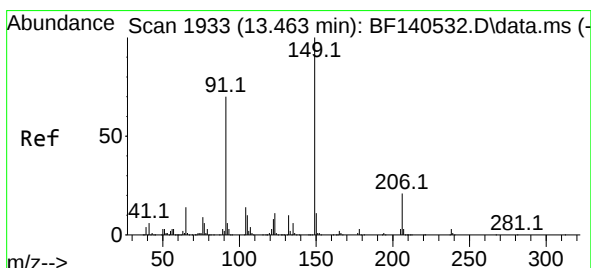
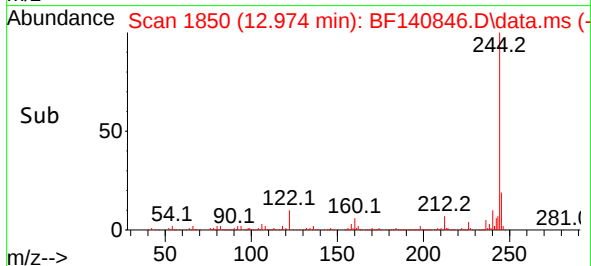
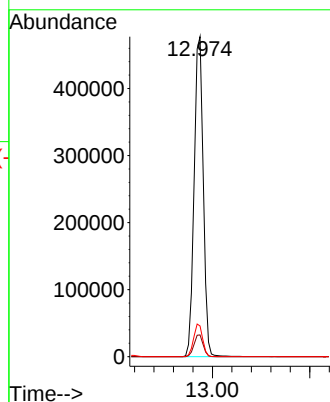
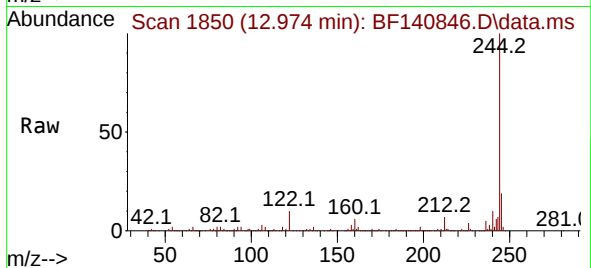
Tgt Ion:244 Resp: 625046

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.6 8.0 12.0



#80

Butylbenzylphthalate

Concen: 47.894 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.018 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

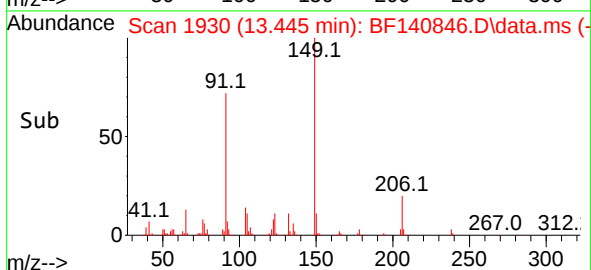
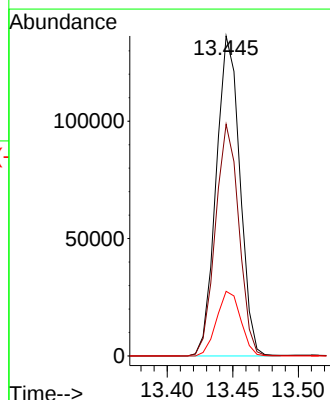
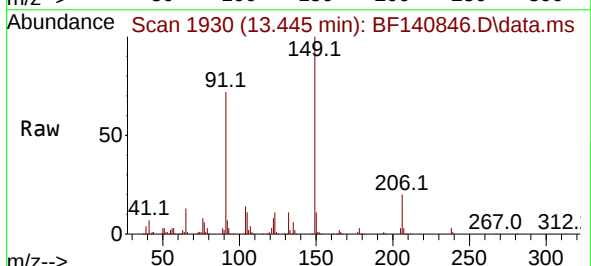
Tgt Ion:149 Resp: 171300

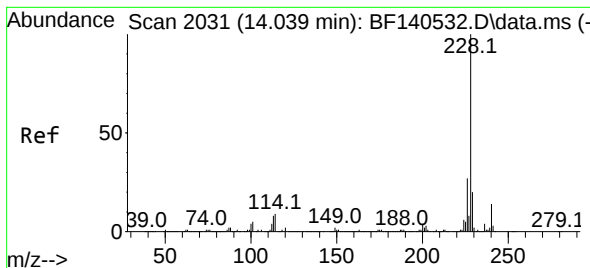
Ion Ratio Lower Upper

149 100

91 72.4 56.2 84.2

206 20.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.474 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

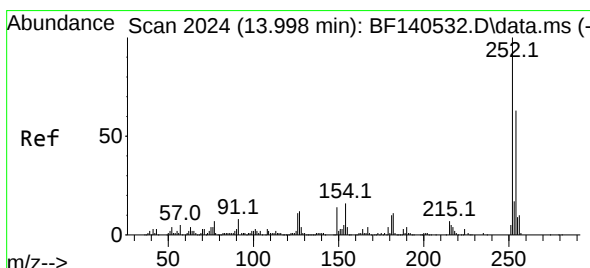
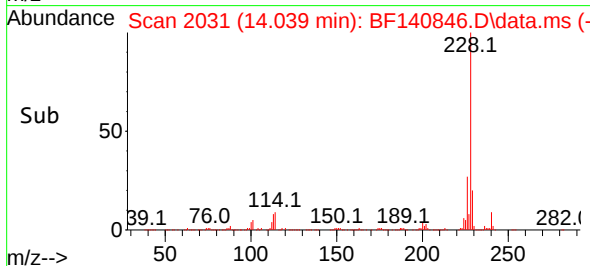
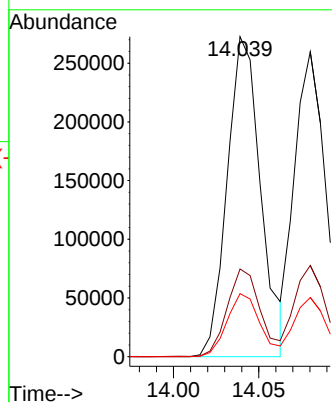
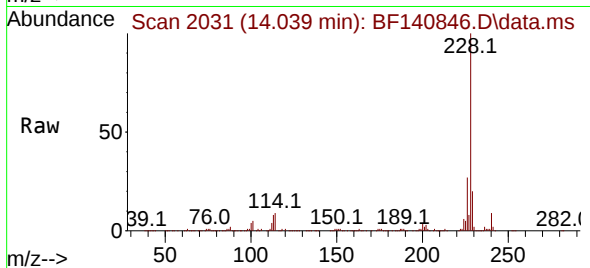
Tgt Ion:228 Resp: 372986

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 12.057 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

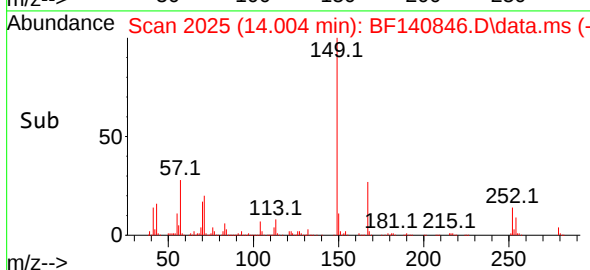
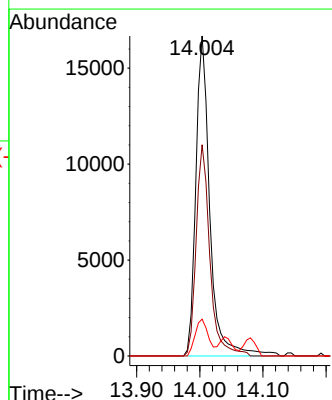
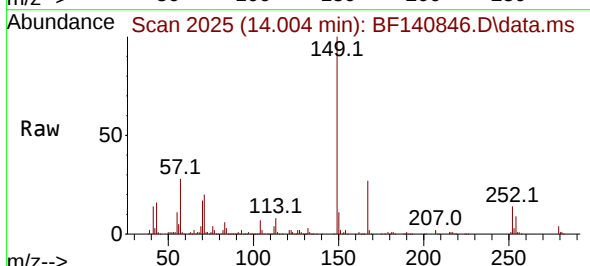
Tgt Ion:252 Resp: 25730

Ion Ratio Lower Upper

252 100

254 66.0 50.8 76.2

126 11.5 8.6 13.0





#83

Chrysene

Concen: 50.787 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

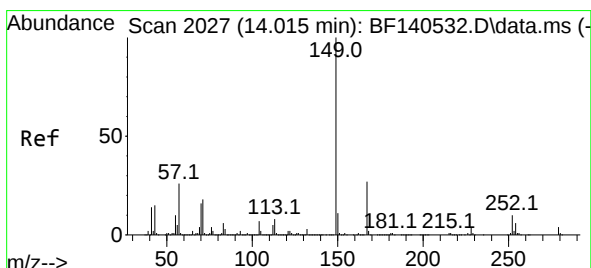
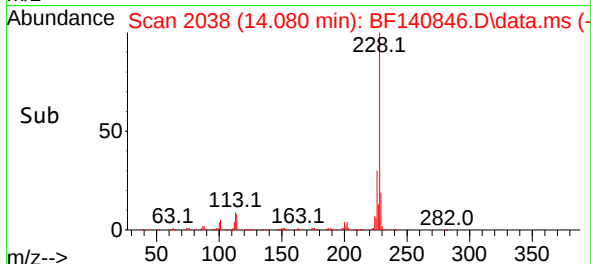
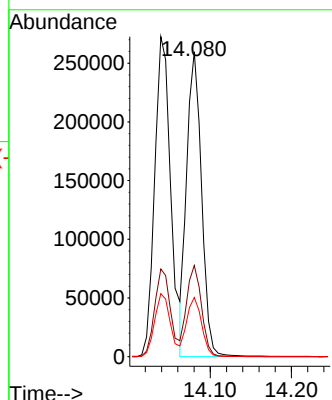
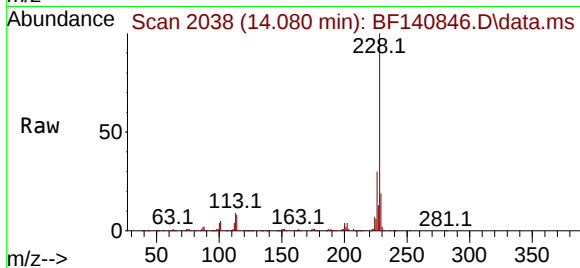
Tgt Ion:228 Resp: 330087

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.998 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

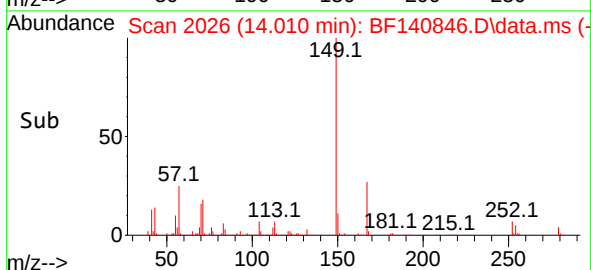
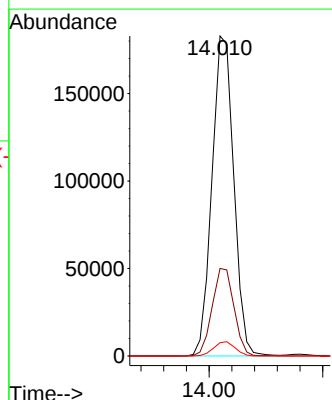
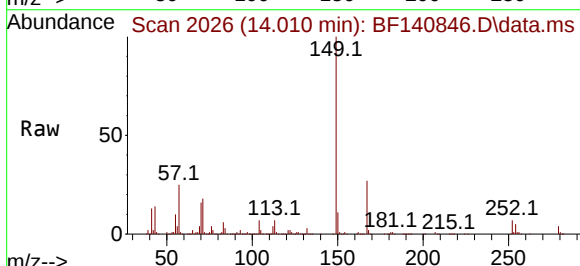
Tgt Ion:149 Resp: 243869

Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 57.448 ng

RT: 14.657 min Scan# 2136

Delta R.T. 0.024 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

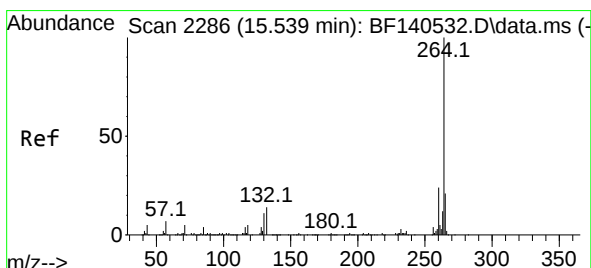
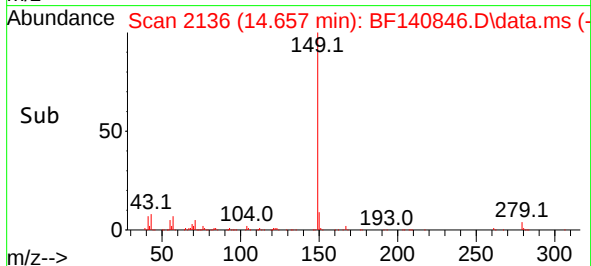
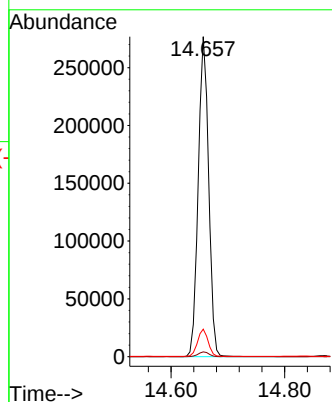
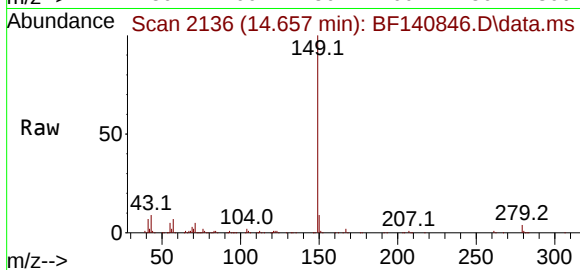
Tgt Ion:149 Resp: 354568

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.035 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

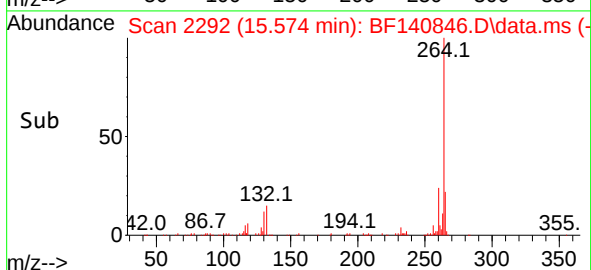
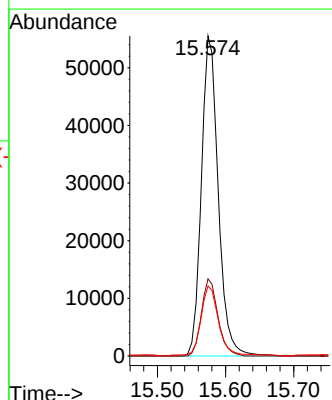
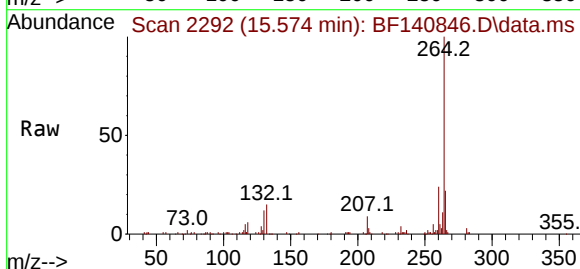
Tgt Ion:264 Resp: 95327

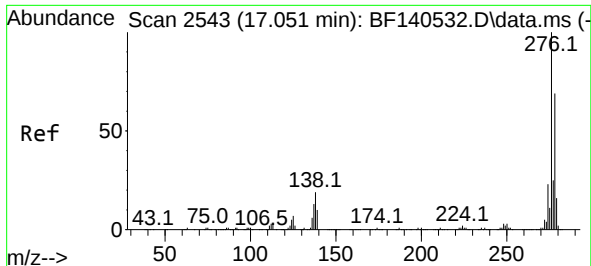
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.9 16.6 25.0

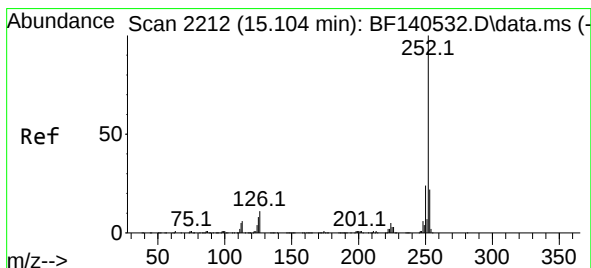
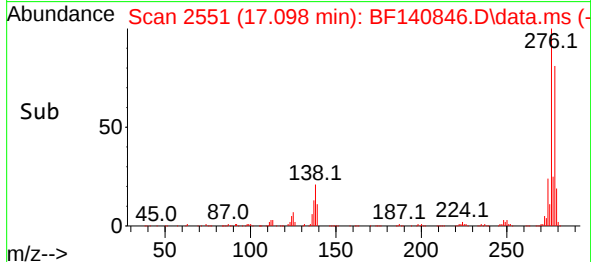
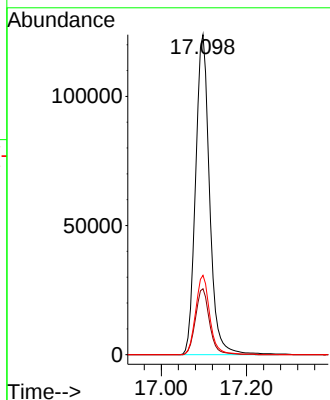
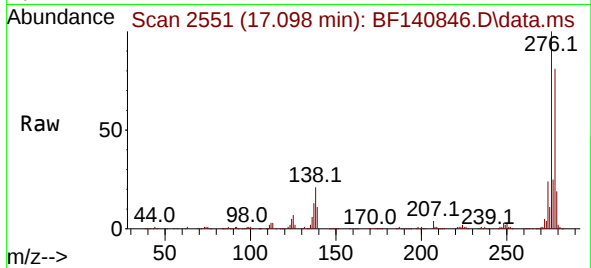




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.533 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

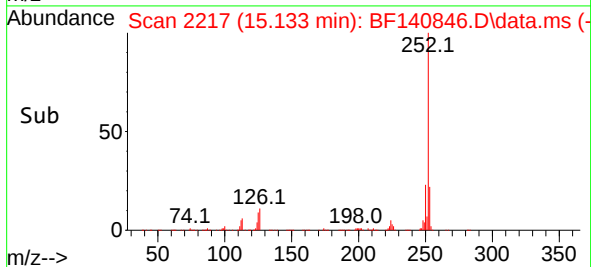
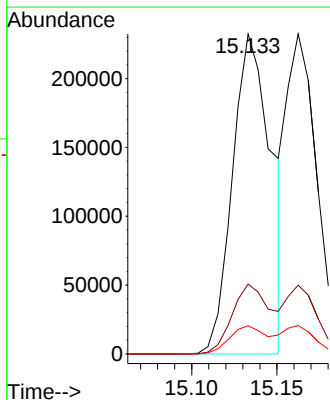
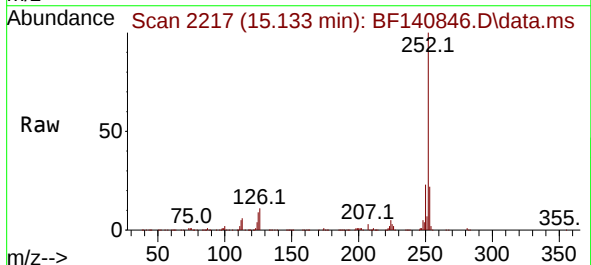
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

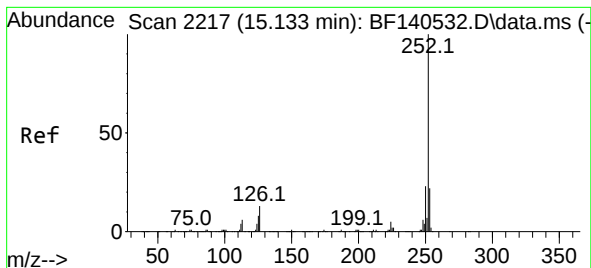
Tgt Ion:276 Resp: 282870
Ion Ratio Lower Upper
276 100
138 20.7 15.5 23.3
277 24.9 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 61.070 ng
RT: 15.133 min Scan# 2217
Delta R.T. 0.029 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:252 Resp: 365663
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 55.808 ng

RT: 15.162 min Scan# 2217

Delta R.T. 0.029 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

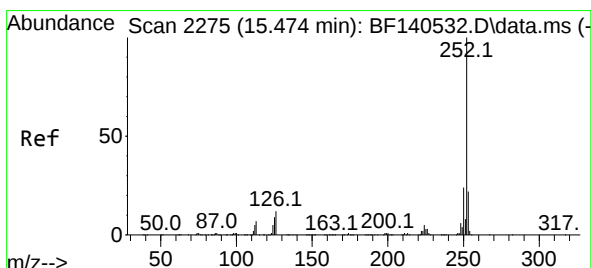
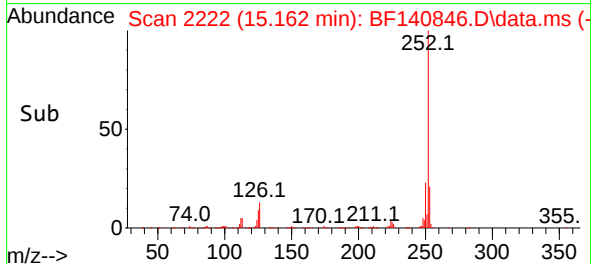
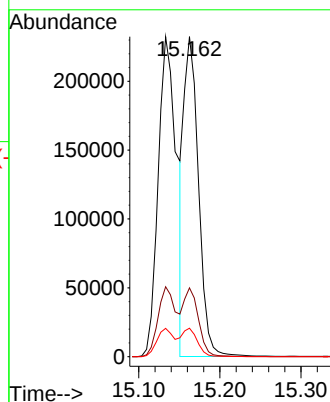
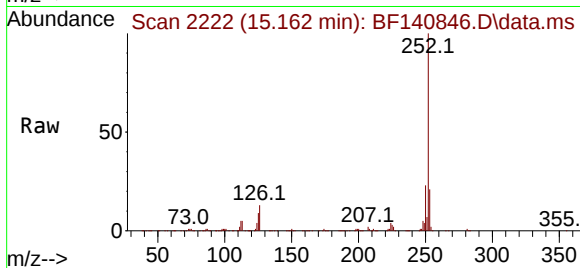
Tgt Ion:252 Resp: 292418

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.9 6.5 9.7



#90

Benzo(a)pyrene

Concen: 54.456 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.035 min

Lab File: BF140846.D

Acq: 13 Dec 2024 16:10

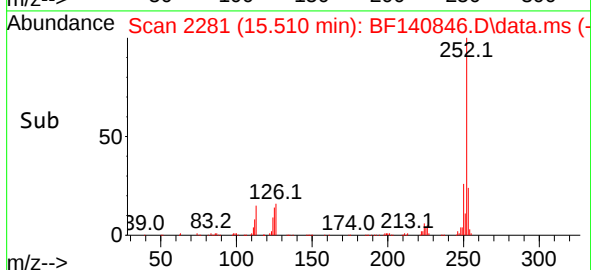
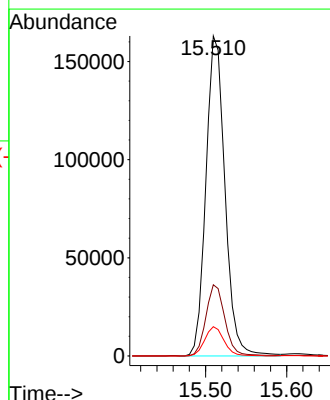
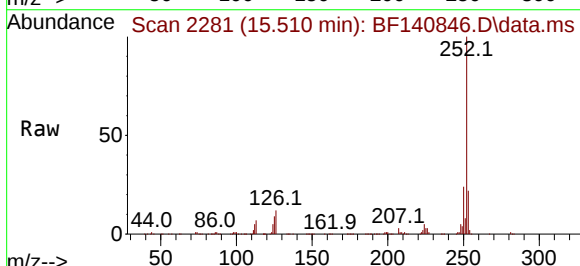
Tgt Ion:252 Resp: 265115

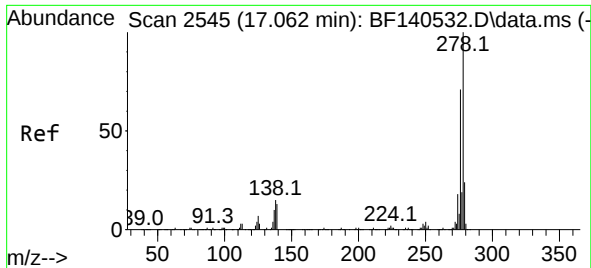
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.2 7.0 10.6

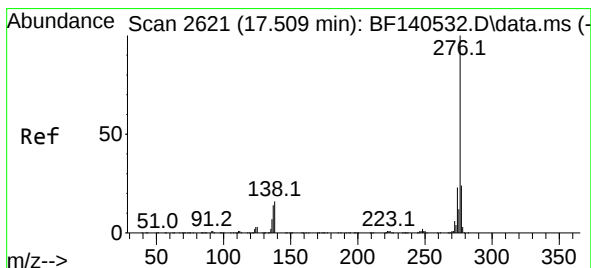
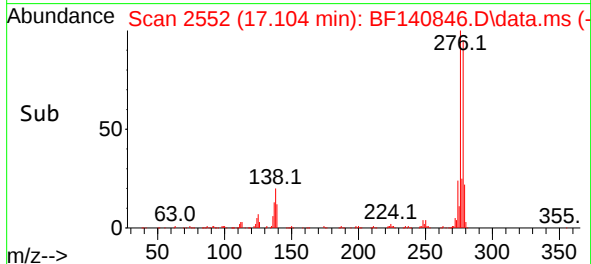
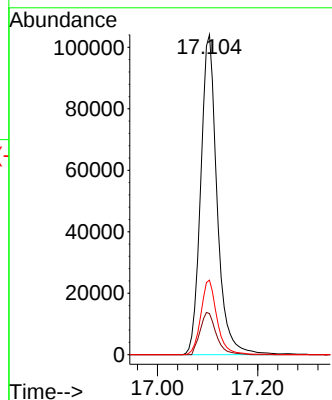
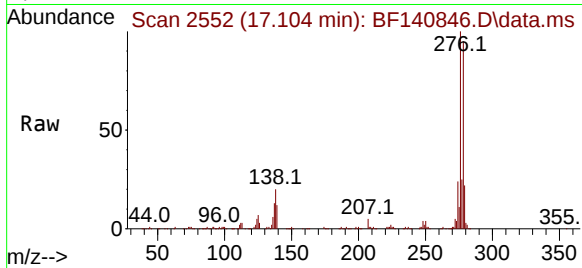




#91
Dibenzo(a,h)anthracene
Concen: 46.349 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:278 Resp: 235810
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.4
279 23.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.406 ng
RT: 17.556 min Scan# 2629
Delta R.T. 0.047 min
Lab File: BF140846.D
Acq: 13 Dec 2024 16:10

Tgt Ion:276 Resp: 209775
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 16.8 13.2 19.8

