

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141538.D
 Acq On : 10 Feb 2025 16:49
 Operator : RC/JU
 Sample : Q1299-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Quant Time: Feb 10 17:16:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82373	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	334176	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	183694	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	318644	20.000	ng	0.00
76) Chrysene-d12	13.951	240	226761	20.000	ng	-0.01
86) Perylene-d12	15.404	264	178235	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	682488	129.893	ng	0.01
7) Phenol-d6	6.434	99	792263	119.300	ng	0.00
23) Nitrobenzene-d5	7.351	82	601468	93.877	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	261747	141.846	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1122761	94.166	ng	0.00
79) Terphenyl-d14	12.898	244	1363290	101.493	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	88651	41.921	ng	# 79
3) Pyridine	3.357	79	148857	29.581	ng	98
4) n-Nitrosodimethylamine	3.275	42	141162	42.365	ng	100
6) Aniline	6.451	93	84891	13.627	ng	# 1
8) 2-Chlorophenol	6.581	128	250189	44.068	ng	100
9) Benzaldehyde	6.340	77	37135	10.523	ng	95
10) Phenol	6.446	94	264414	38.255	ng	85
11) bis(2-Chloroethyl)ether	6.528	93	228229	43.961	ng	99
12) 1,3-Dichlorobenzene	6.728	146	253959	42.370	ng	98
13) 1,4-Dichlorobenzene	6.804	146	261512	42.703	ng	100
14) 1,2-Dichlorobenzene	6.957	146	249785	43.948	ng	99
15) Benzyl Alcohol	6.934	79	223374	43.863	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	390508	43.941	ng	83
17) 2-Methylphenol	7.051	107	194954	43.880	ng	98
18) Hexachloroethane	7.298	117	97981	43.232	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	180839	45.525	ng	99
20) 3+4-Methylphenols	7.204	107	254481	45.070	ng	99
22) Acetophenone	7.198	105	396696	47.721	ng	97
24) Nitrobenzene	7.375	77	268812	43.027	ng	98
25) Isophorone	7.610	82	488154	47.785	ng	100
26) 2-Nitrophenol	7.687	139	135624	43.633	ng	98
27) 2,4-Dimethylphenol	7.728	122	206979	57.001	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	289604	44.241	ng	99
29) 2,4-Dichlorophenol	7.934	162	215073	43.837	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	226145	42.328	ng	99
31) Naphthalene	8.092	128	733381	42.160	ng	100
32) Benzoic acid	7.863	122	156489	41.490	ng	100
33) 4-Chloroaniline	8.145	127	61689	10.157	ng	98
34) Hexachlorobutadiene	8.204	225	140292	43.740	ng	99
35) Caprolactam	8.557	113	28074	18.794	ng	96
36) 4-Chloro-3-methylphenol	8.634	107	237226	43.651	ng	99
37) 2-Methylnaphthalene	8.781	142	473440	41.825	ng	99
38) 1-Methylnaphthalene	8.881	142	466422	42.544	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	252633	47.537	ng	97
41) Hexachlorocyclopentadiene	8.934	237	266662	150.857	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	153292	44.629	ng	100

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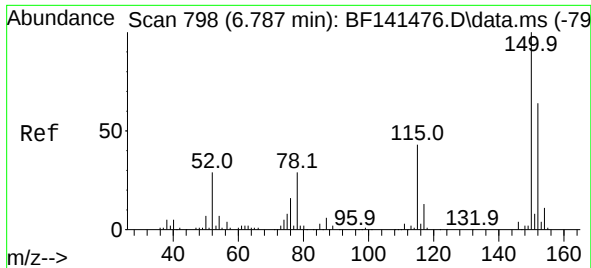
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	167137	44.898	ng	97
46) 1,1'-Biphenyl	9.245	154	693683	48.709	ng	99
47) 2-Chloronaphthalene	9.269	162	468104	44.450	ng	99
48) 2-Nitroaniline	9.369	65	159132	45.025	ng	100
49) Acenaphthylene	9.686	152	731717	46.714	ng	99
50) Dimethylphthalate	9.551	163	579455	46.466	ng	99
51) 2,6-Dinitrotoluene	9.610	165	124631	45.717	ng	97
52) Acenaphthene	9.857	154	461249	43.801	ng	98
53) 3-Nitroaniline	9.781	138	44311	15.102	ng	100
54) 2,4-Dinitrophenol	9.892	184	168737	104.144	ng	98
55) Dibenzofuran	10.034	168	666650	43.129	ng	99
56) 4-Nitrophenol	9.963	139	188961	86.754	ng	99
57) 2,4-Dinitrotoluene	10.016	165	172451	47.518	ng	99
58) Fluorene	10.375	166	536685	44.906	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	142396	44.431	ng	100
60) Diethylphthalate	10.251	149	561789	45.787	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	258139	44.896	ng	100
62) 4-Nitroaniline	10.398	138	119614	40.148	ng	99
63) Azobenzene	10.528	77	539216	44.207	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	104270	47.107	ng	97
66) n-Nitrosodiphenylamine	10.486	169	464858	45.574	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	162293	45.572	ng	99
68) Hexachlorobenzene	10.922	284	171686	46.817	ng	98
69) Atrazine	11.016	200	163161	53.320	ng	99
70) Pentachlorophenol	11.122	266	214745	91.582	ng	98
71) Phenanthrene	11.339	178	812351	46.314	ng	100
72) Anthracene	11.386	178	836500	47.442	ng	100
73) Carbazole	11.545	167	729687	45.994	ng	100
74) Di-n-butylphthalate	11.875	149	872746	47.642	ng	100
75) Fluoranthene	12.522	202	859147	46.201	ng	100
77) Benzidine	12.651	184	38852	7.769	ng	97
78) Pyrene	12.751	202	877101	45.437	ng	100
80) Butylbenzylphthalate	13.374	149	350512	52.423	ng	98
81) Benzo(a)anthracene	13.939	228	701786	46.557	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	79703	18.459	ng	97
83) Chrysene	13.980	228	614979	44.185	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	436113	57.833	ng	100
85) Di-n-octyl phthalate	14.551	149	614218	57.095	ng	100
87) Indeno(1,2,3-cd)pyrene	16.845	276	581154	52.770	ng	100
88) Benzo(b)fluoranthene	14.986	252	523174	43.716	ng	99
89) Benzo(k)fluoranthene	15.016	252	476619	46.639	ng	98
90) Benzo(a)pyrene	15.345	252	467968	48.325	ng	100
91) Dibenzo(a,h)anthracene	16.863	278	467864	52.430	ng	99
92) Benzo(g,h,i)perylene	17.280	276	458568	49.106	ng	99

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

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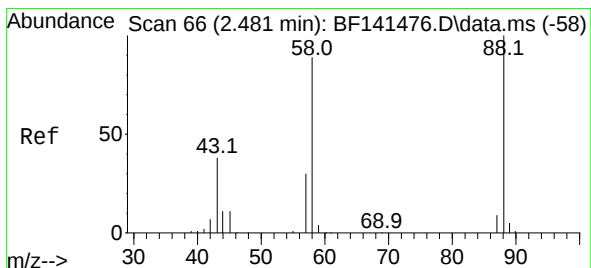
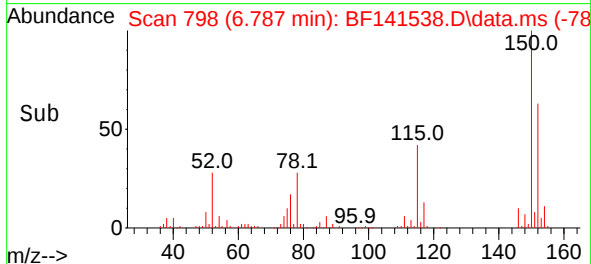
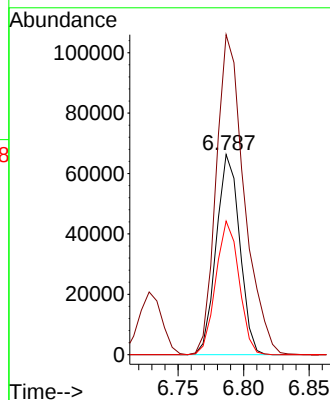
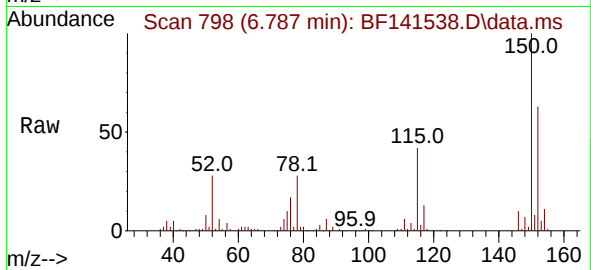




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141538.D
 Acq: 10 Feb 2025 16:49

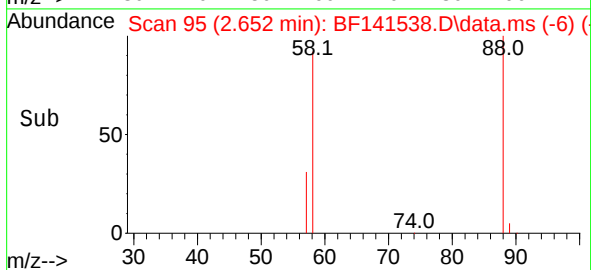
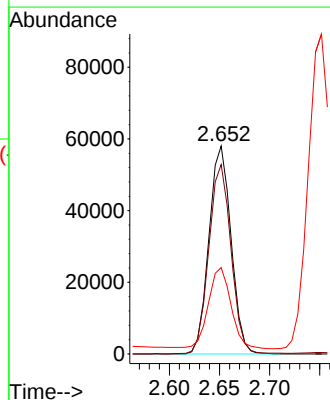
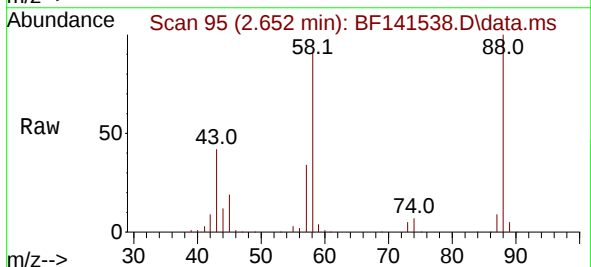
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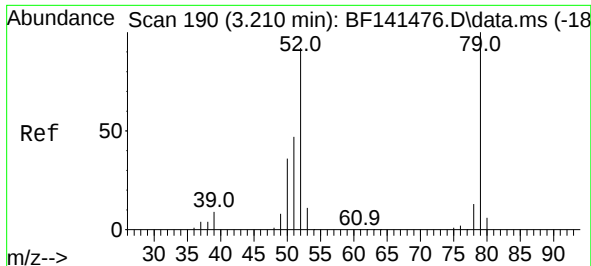
Tgt Ion:152 Resp: 82373
 Ion Ratio Lower Upper
 152 100
 150 159.9 125.0 187.4
 115 66.7 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.921 ng
 RT: 2.652 min Scan# 95
 Delta R.T. 0.171 min
 Lab File: BF141538.D
 Acq: 10 Feb 2025 16:49

Tgt Ion: 88 Resp: 88651
 Ion Ratio Lower Upper
 88 100
 58 92.1 71.1 106.7
 43 0.0 30.6 46.0#





#3

Pyridine

Concen: 29.581 ng

RT: 3.357 min Scan# 215

Delta R.T. 0.141 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

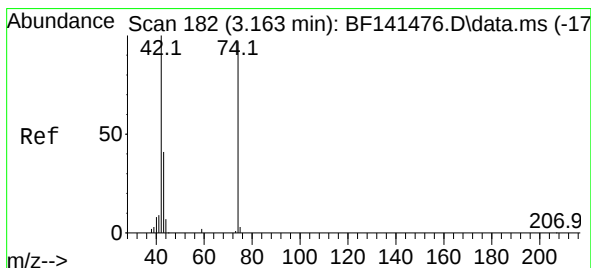
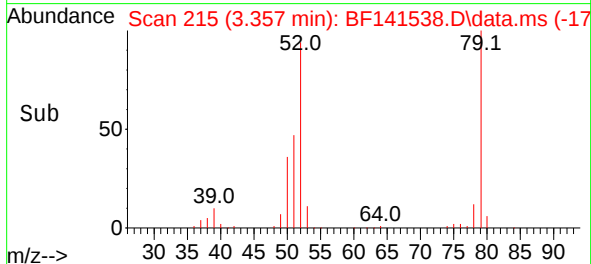
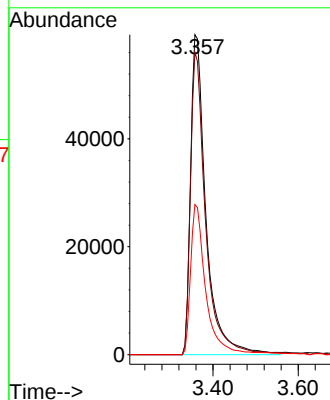
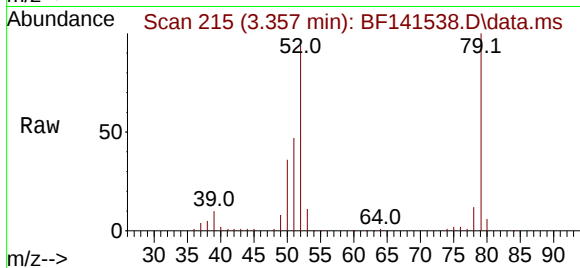
Tgt Ion: 79 Resp: 148857

Ion Ratio Lower Upper

79 100

52 94.5 73.7 110.5

51 46.9 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 42.365 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.088 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

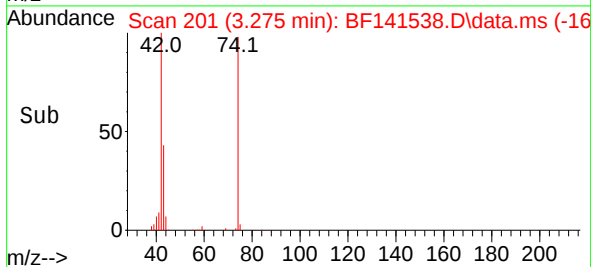
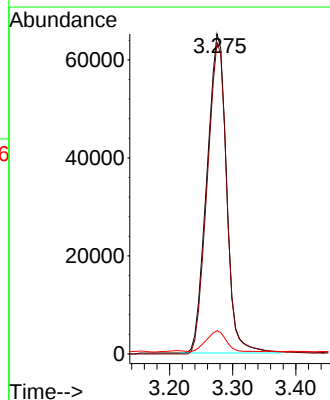
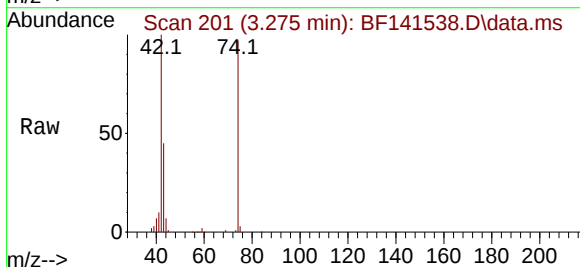
Tgt Ion: 42 Resp: 141162

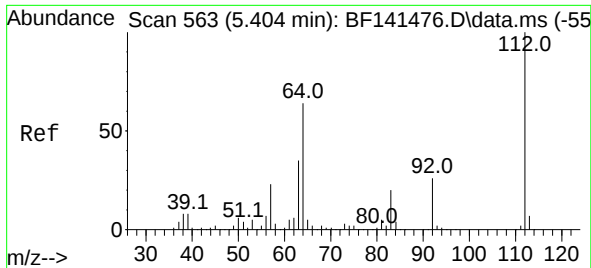
Ion Ratio Lower Upper

42 100

74 97.3 78.0 117.0

44 7.3 5.4 8.2

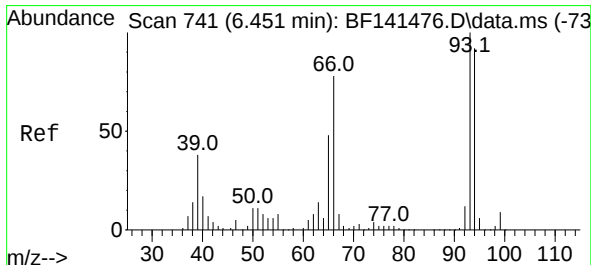
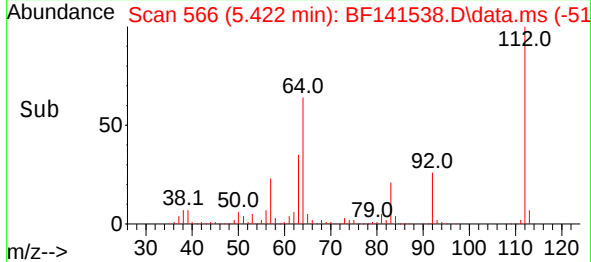
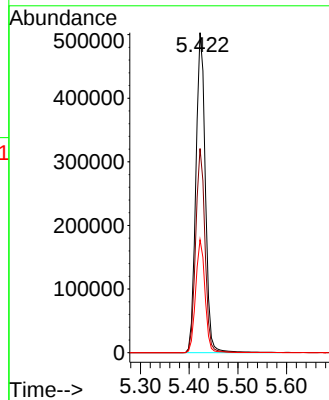
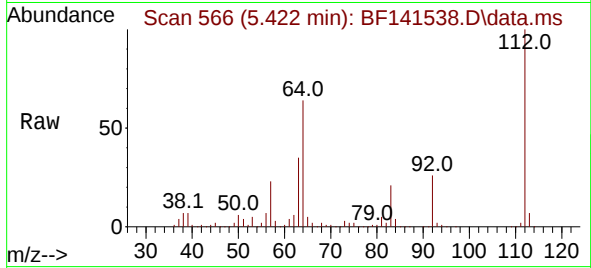




#5
2-Fluorophenol
Concen: 129.893 ng
RT: 5.422 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

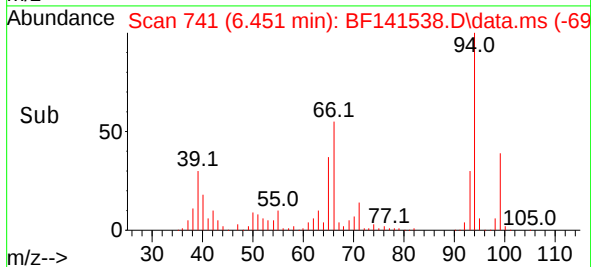
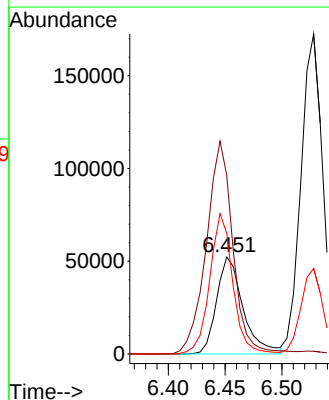
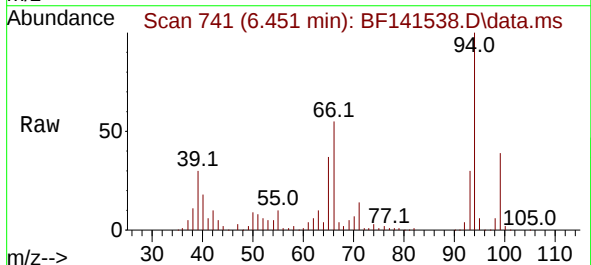
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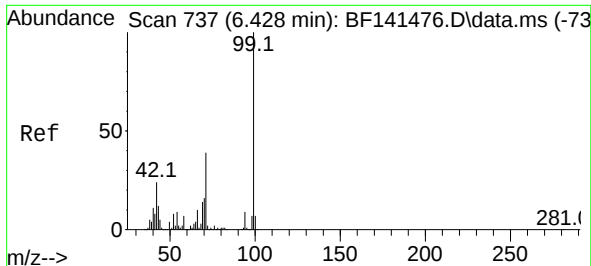
Tgt Ion:112 Resp: 682488
Ion Ratio Lower Upper
112 100
64 63.8 51.1 76.7
63 35.3 28.4 42.6



#6
Aniline
Concen: 13.627 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion: 93 Resp: 84891
Ion Ratio Lower Upper
93 100
66 184.1 62.6 94.0#
65 124.3 38.3 57.5#





#7
Phenol-d6
Concen: 119.300 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

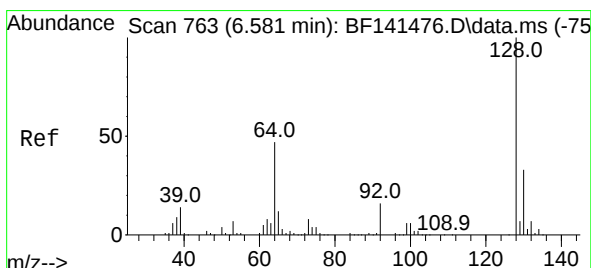
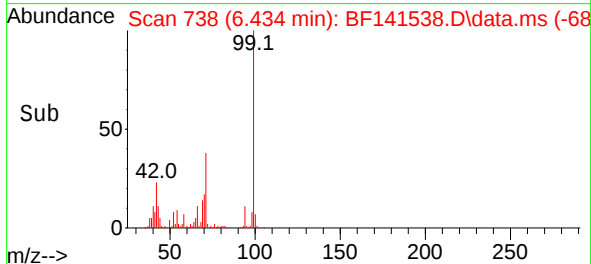
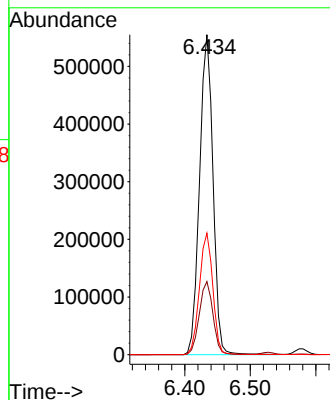
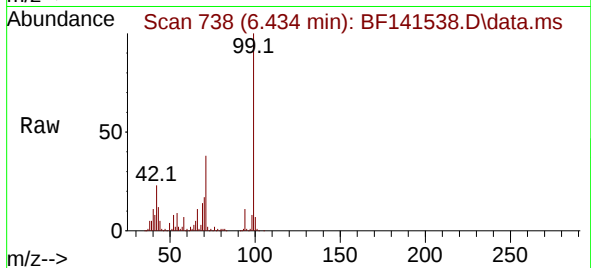
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ClientSampleId :

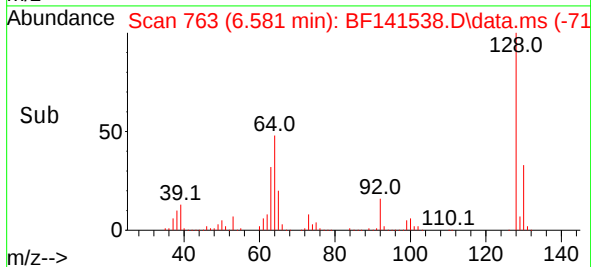
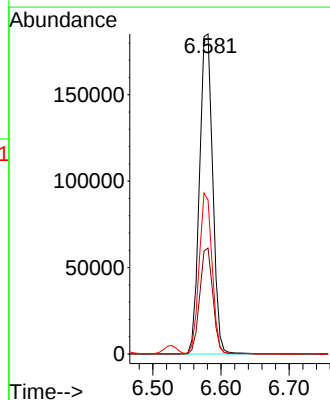
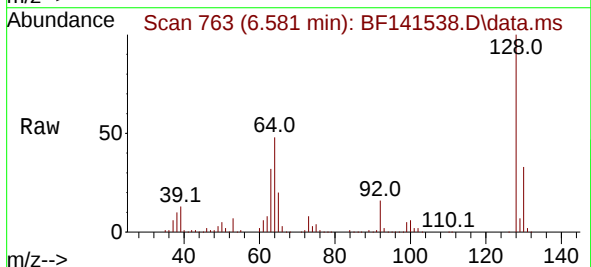
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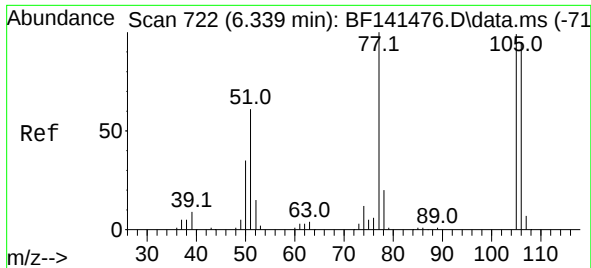
Tgt Ion: 99 Resp: 792263
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 38.0 31.1 46.7



#8
2-Chlorophenol
Concen: 44.068 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion: 128 Resp: 250189
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 48.1 28.3 68.3





#9

Benzaldehyde

Concen: 10.523 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

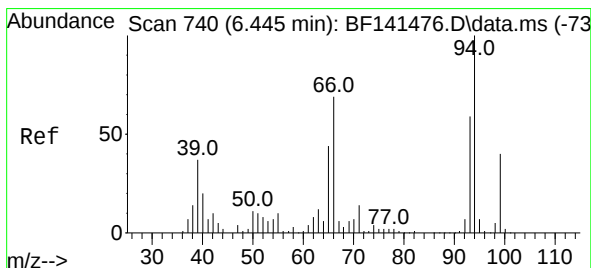
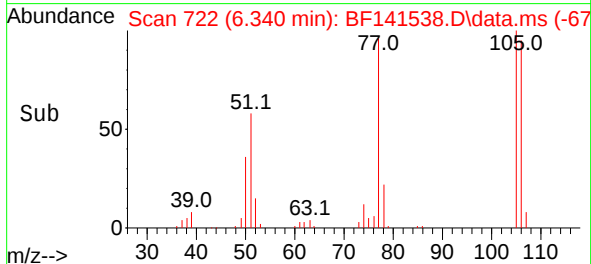
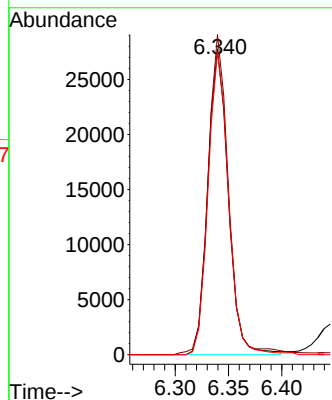
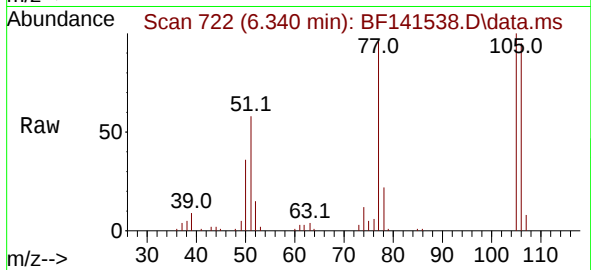
Tgt Ion: 77 Resp: 37135

Ion Ratio Lower Upper

77 100

105 104.6 79.4 119.4

106 98.9 75.1 115.1



#10

Phenol

Concen: 38.255 ng

RT: 6.446 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

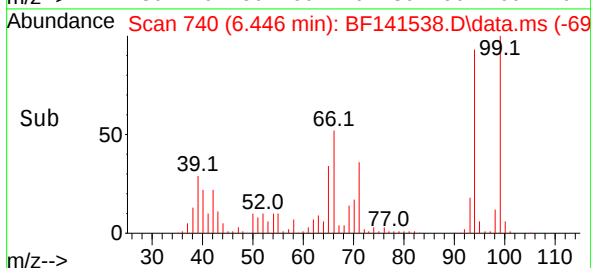
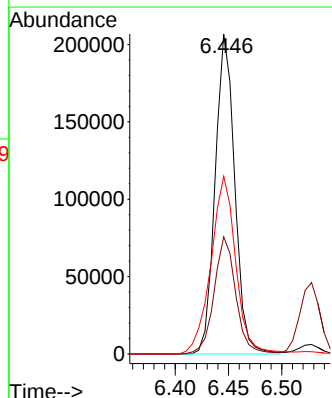
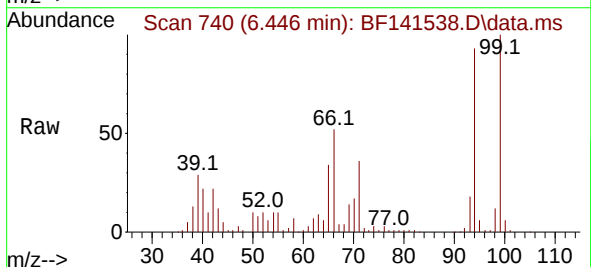
Tgt Ion: 94 Resp: 264414

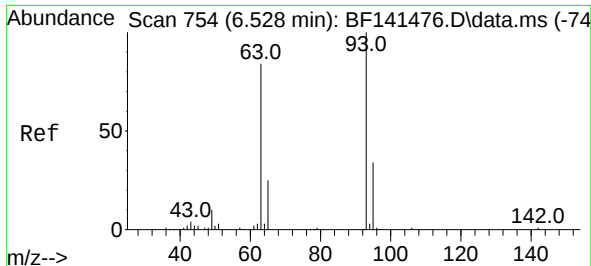
Ion Ratio Lower Upper

94 100

65 36.6 23.7 63.7

66 55.5 49.3 89.3





#11

bis(2-Chloroethyl)ether

Concen: 43.961 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

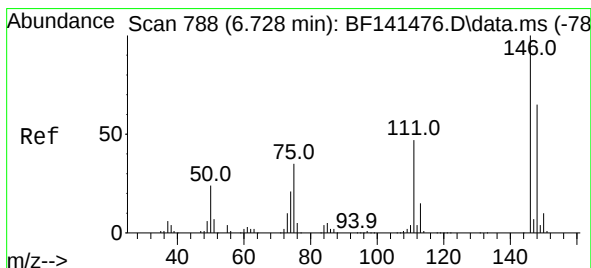
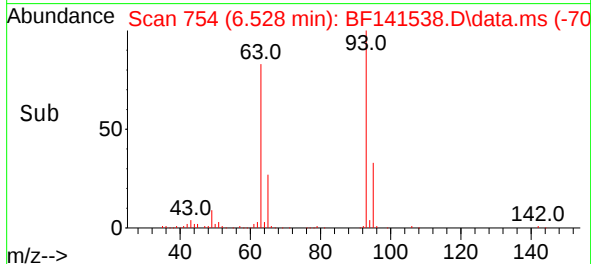
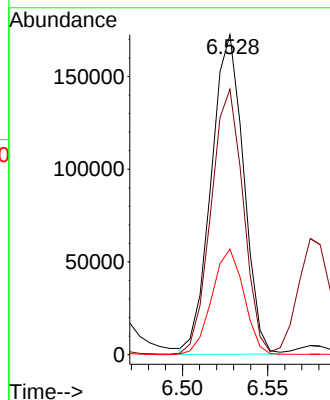
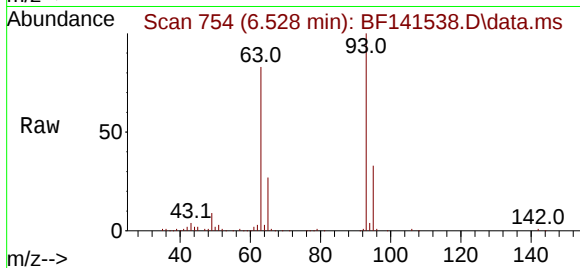
Tgt Ion: 93 Resp: 228229

Ion Ratio Lower Upper

93 100

63 83.0 62.0 102.0

95 33.0 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 42.370 ng

RT: 6.728 min Scan# 788

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

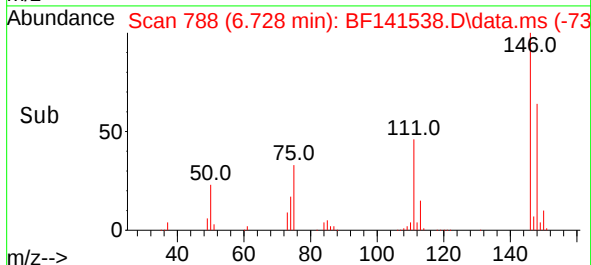
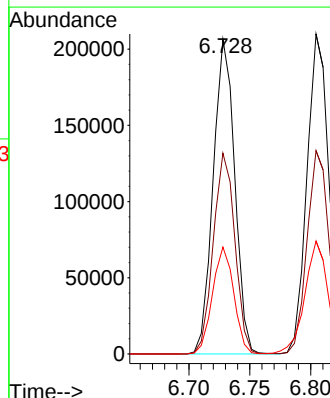
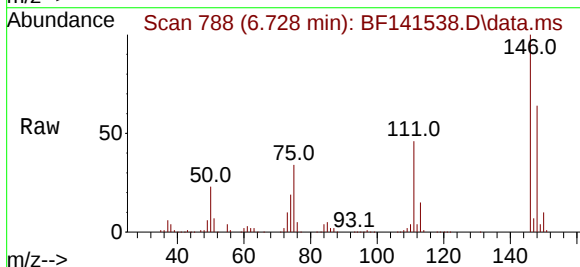
Tgt Ion:146 Resp: 253959

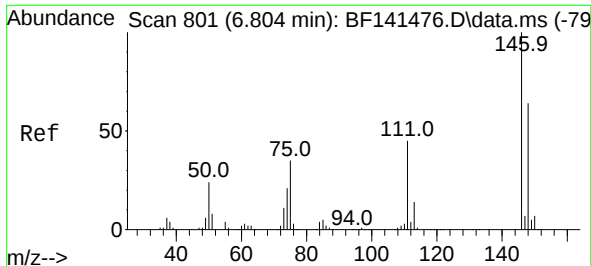
Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

75 33.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.703 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

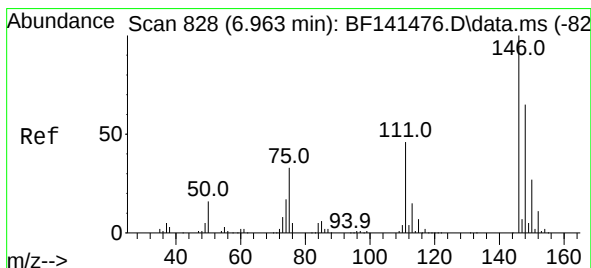
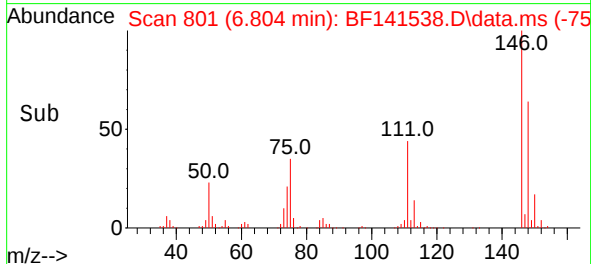
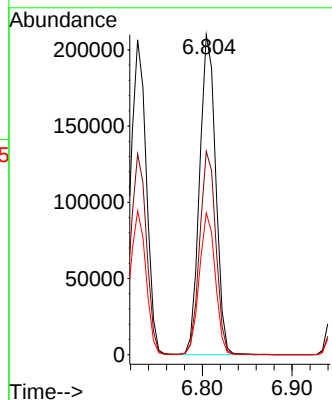
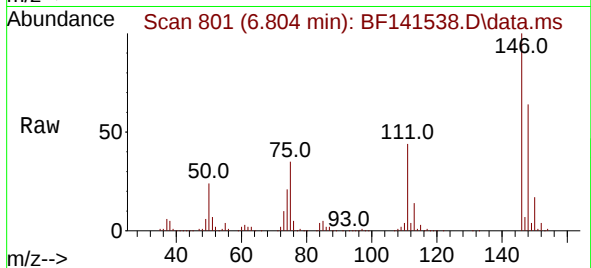
Tgt Ion:146 Resp: 261512

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

111 44.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 43.948 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

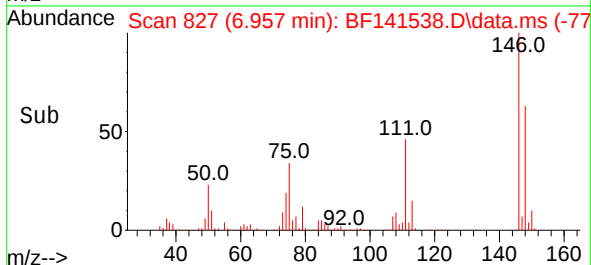
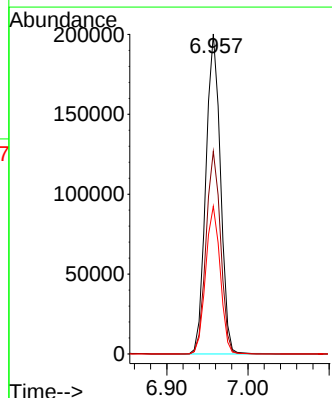
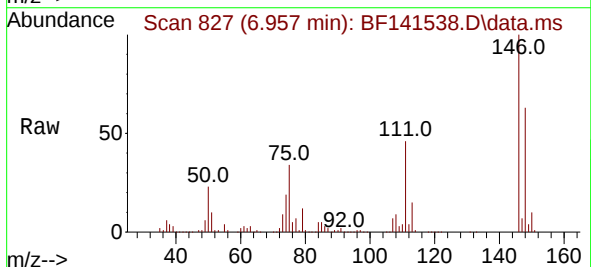
Tgt Ion:146 Resp: 249785

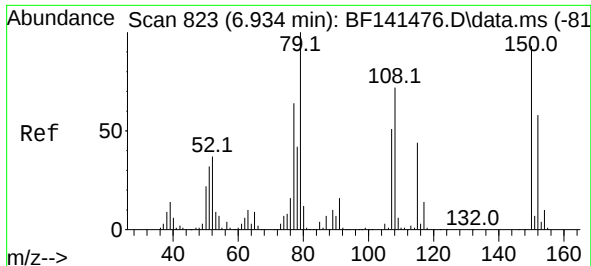
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

111 46.1 37.0 55.4

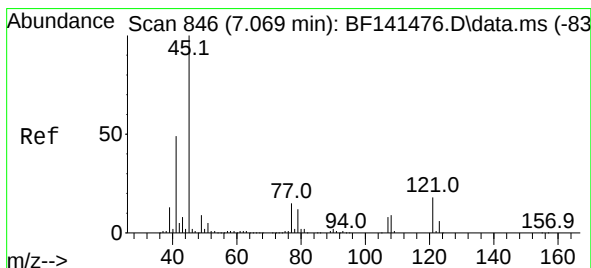
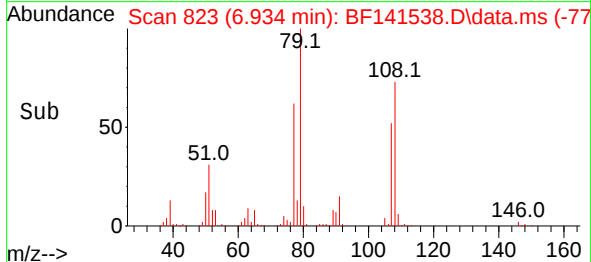
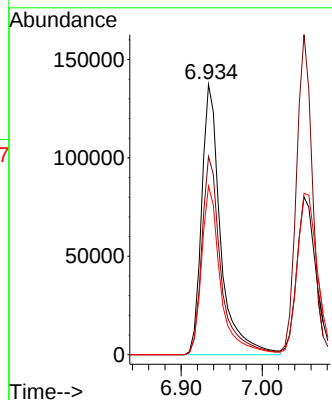
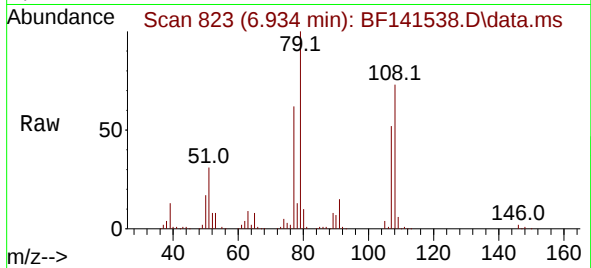




#15
Benzyl Alcohol
Concen: 43.863 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

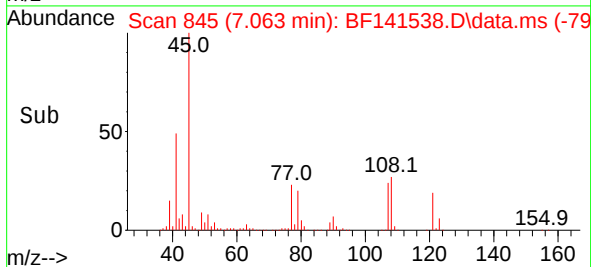
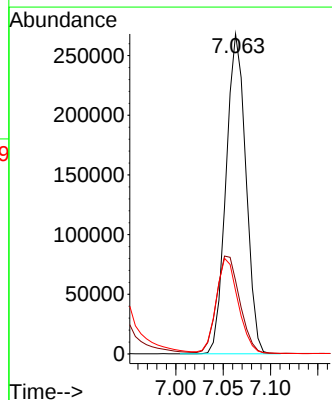
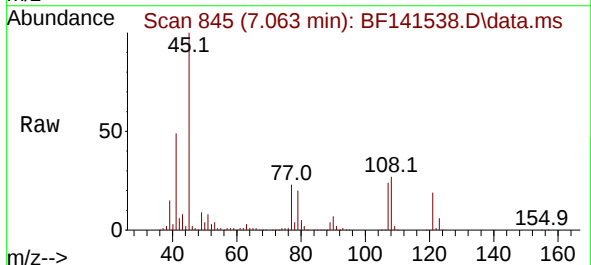
Instrument :
BNA_F
ClientSampleId :
WC-1MS

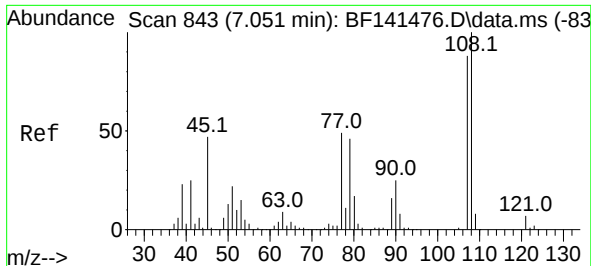
Tgt Ion: 79 Resp: 223374
Ion Ratio Lower Upper
79 100
108 73.4 57.4 86.2
77 62.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.941 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion: 45 Resp: 390508
Ion Ratio Lower Upper
45 100
77 22.9 0.0 35.8
79 19.8 0.0 32.7

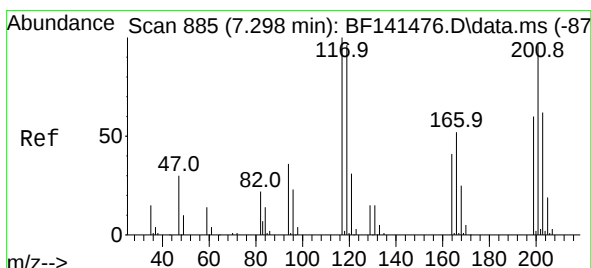
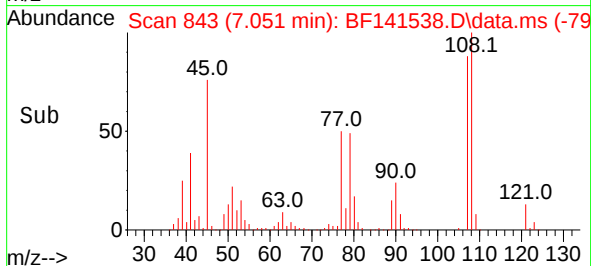
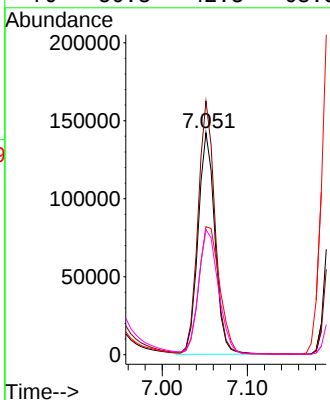
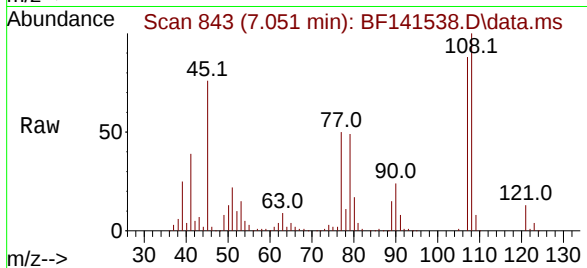




#17
2-Methylphenol
Concen: 43.880 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

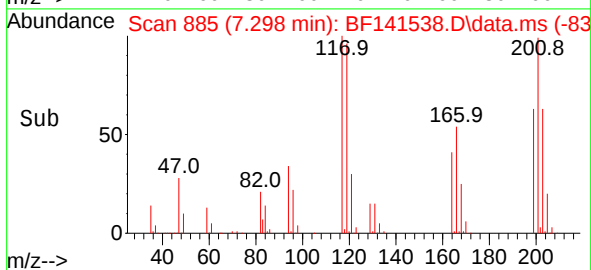
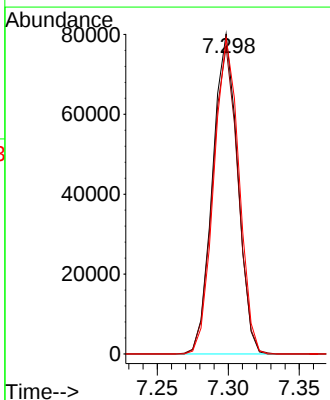
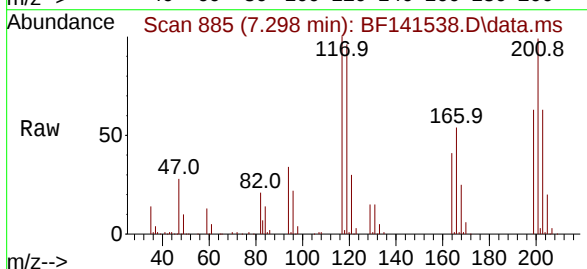
Instrument :
BNA_F
ClientSampleId :
WC-1MS

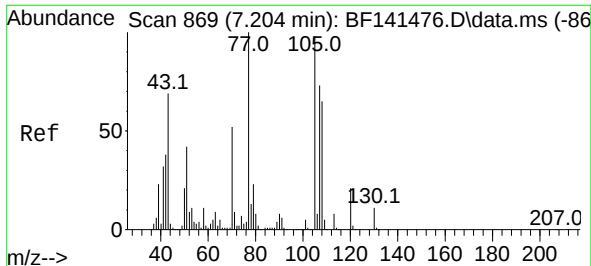
Tgt Ion:	107	Resp:	194954
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.6	136.0
77	57.6	44.4	66.6
79	56.3	42.3	63.5



#18
Hexachloroethane
Concen: 43.232 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:	117	Resp:	97981
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	98.8	76.7	115.1



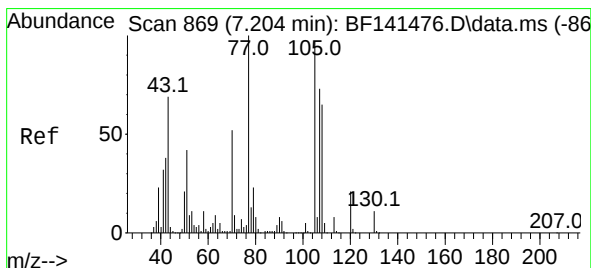
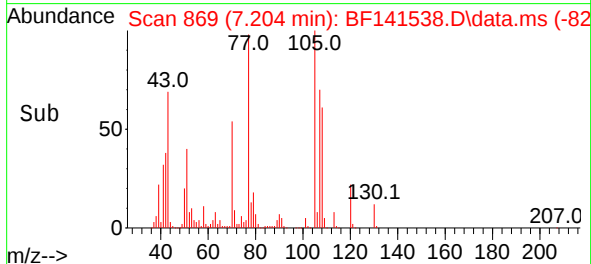
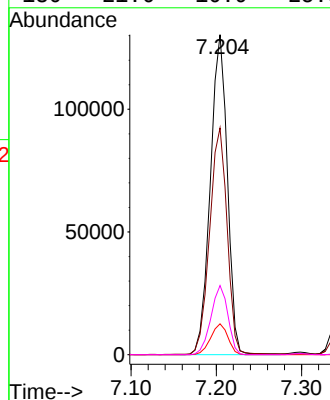
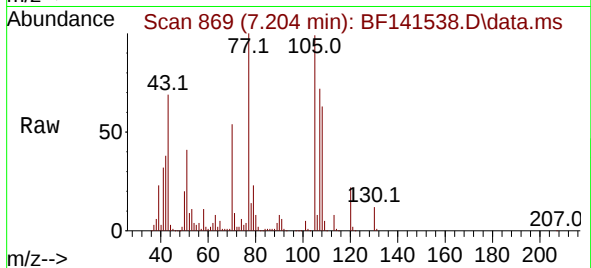


#19
n-Nitroso-di-n-propylamine
Concen: 45.525 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 70 Resp: 180839

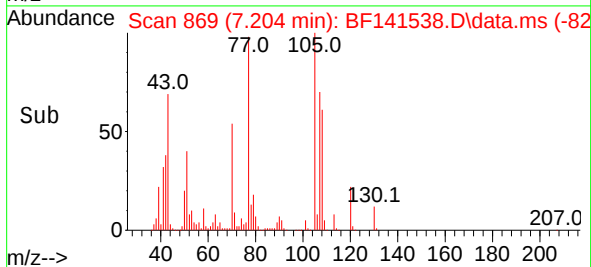
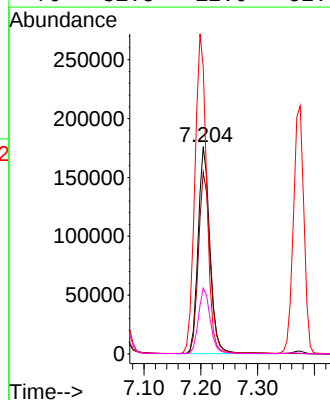
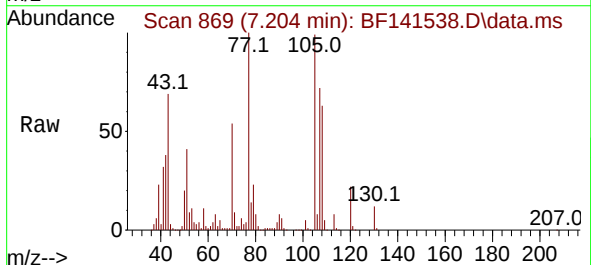
Ion	Ratio	Lower	Upper
70	100		
42	70.8	57.4	86.2
101	9.7	8.0	12.0
130	21.6	16.9	25.3

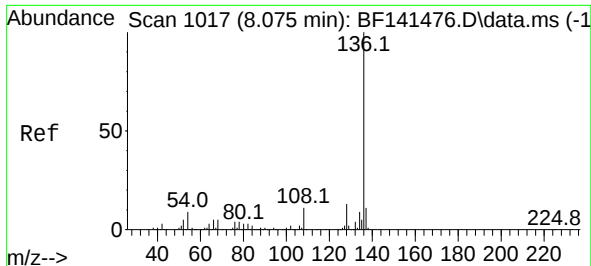


#20
3+4-Methylphenols
Concen: 45.070 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion: 107 Resp: 254481

Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.5	108.5
77	138.2	116.5	156.5
79	31.8	12.0	52.0

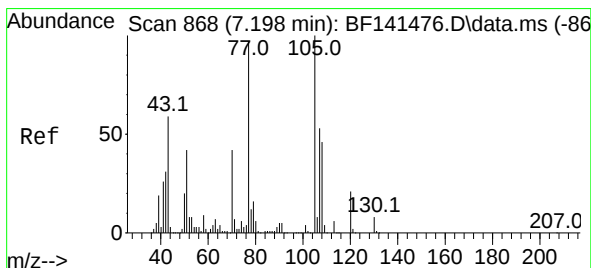
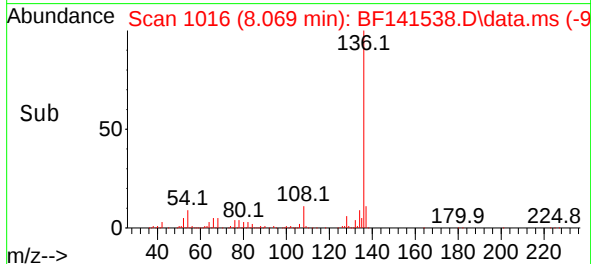
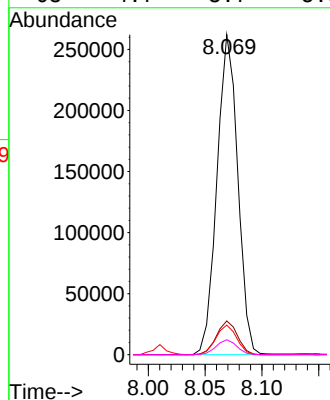
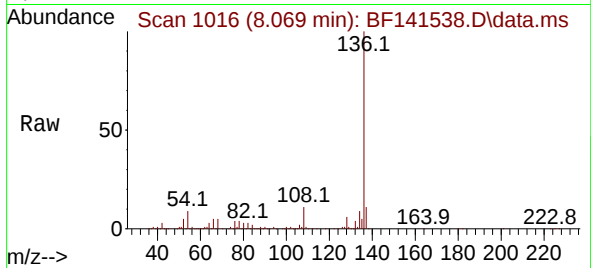




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

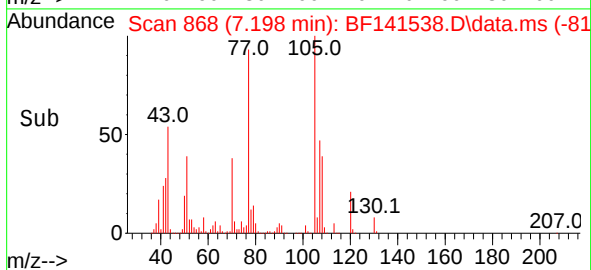
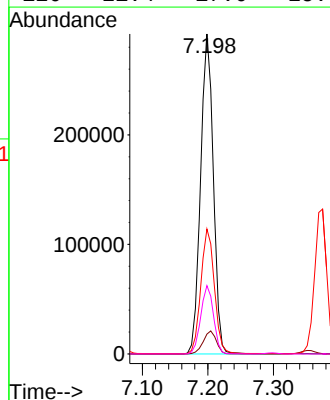
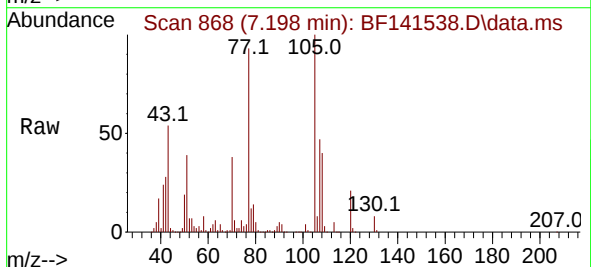
Instrument :
BNA_F
ClientSampleId :
WC-1MS

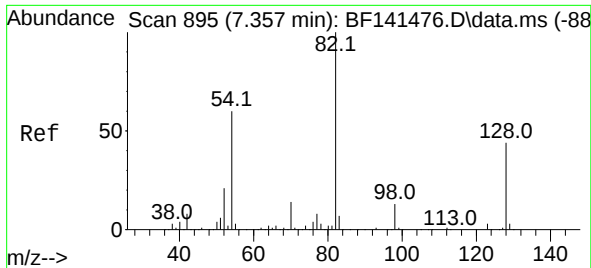
Tgt Ion:136 Resp: 334176
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.2 7.2 10.8
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 47.721 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:105 Resp: 396696
Ion Ratio Lower Upper
105 100
71 6.2 5.7 8.5
51 39.1 33.7 50.5
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 93.877 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

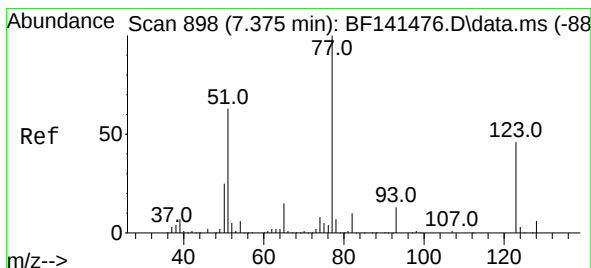
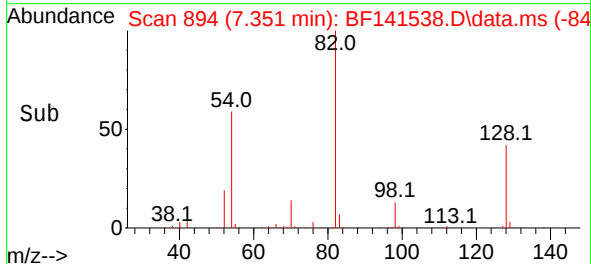
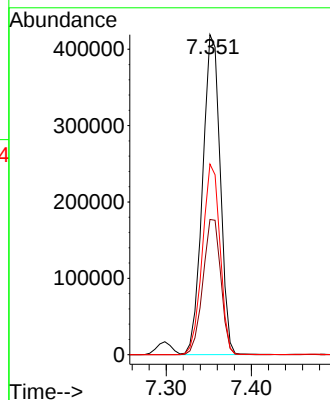
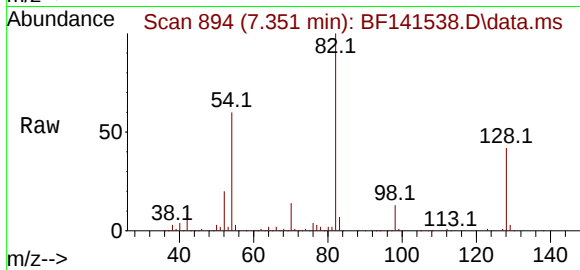
Tgt Ion: 82 Resp: 601468

Ion Ratio Lower Upper

82 100

128 42.2 34.8 52.2

54 59.5 48.2 72.4



#24

Nitrobenzene

Concen: 43.027 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

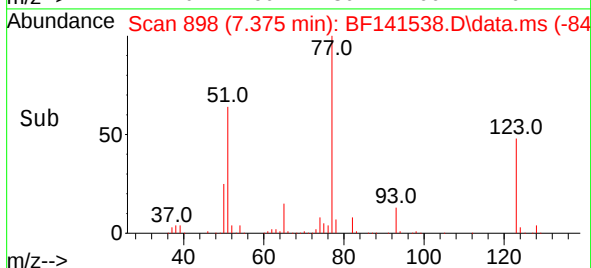
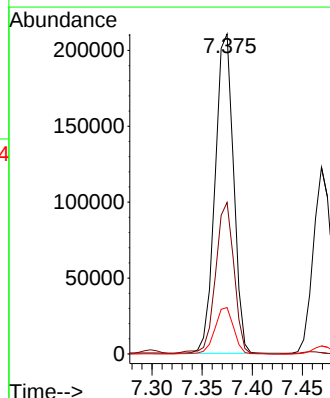
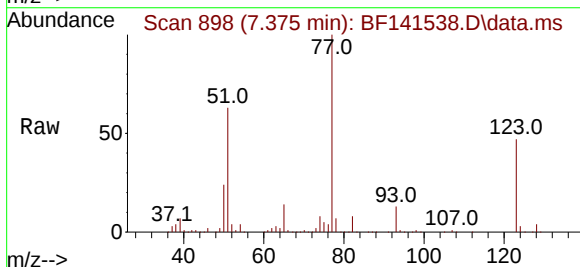
Tgt Ion: 77 Resp: 268812

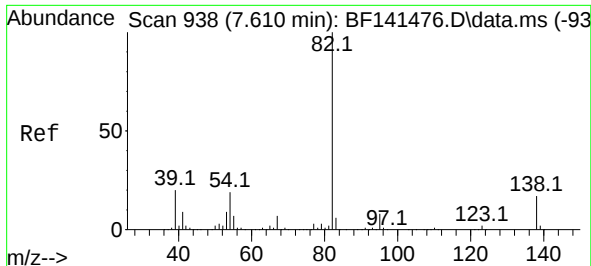
Ion Ratio Lower Upper

77 100

123 47.3 36.9 55.3

65 14.5 11.9 17.9

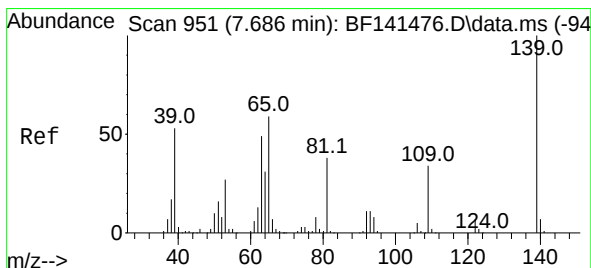
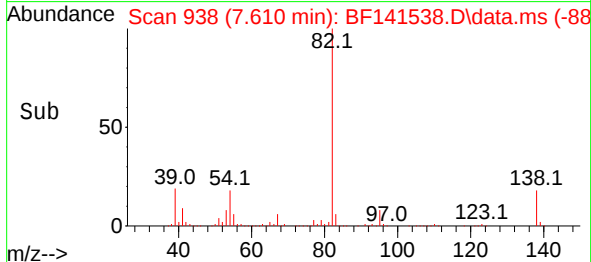
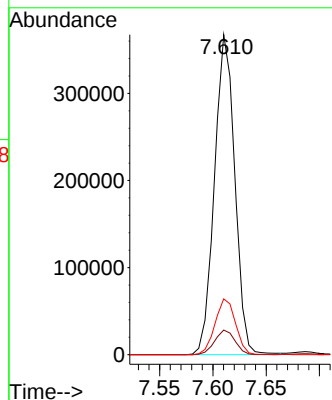
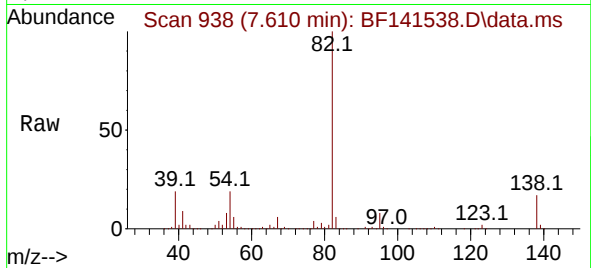




#25
Isophorone
Concen: 47.785 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

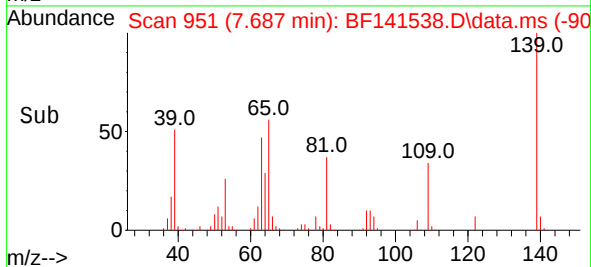
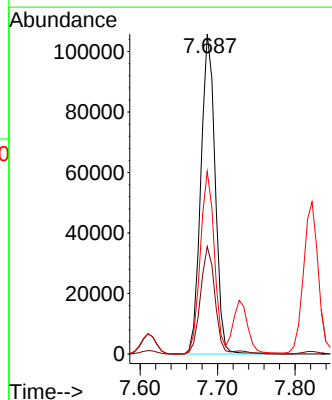
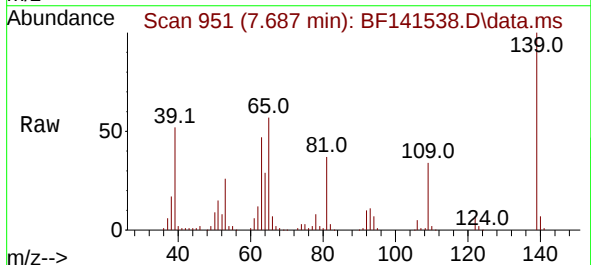
Instrument :
BNA_F
ClientSampleId :
WC-1MS

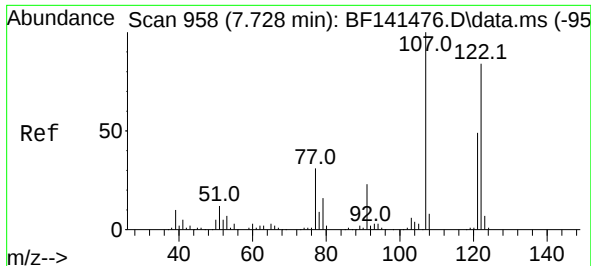
Tgt Ion: 82 Resp: 488154
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.5 13.9 20.9



#26
2-Nitrophenol
Concen: 43.633 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:139 Resp: 135624
Ion Ratio Lower Upper
139 100
109 33.5 27.0 40.6
65 57.0 47.1 70.7

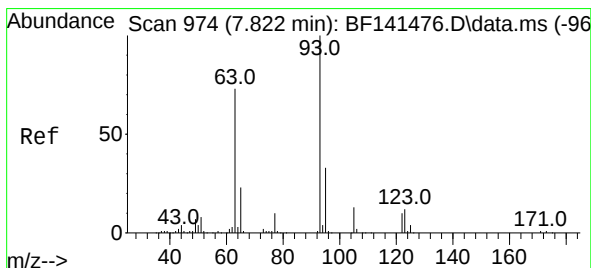
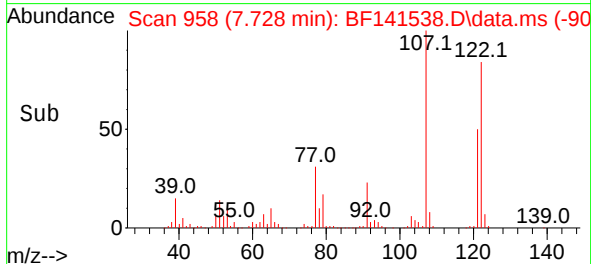
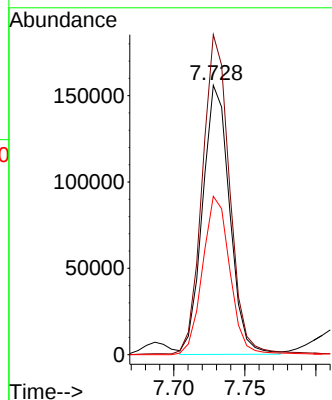
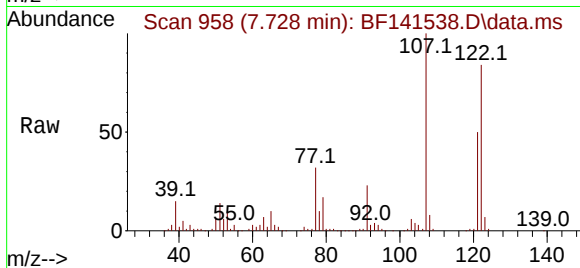




#27
2,4-Dimethylphenol
Concen: 57.001 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

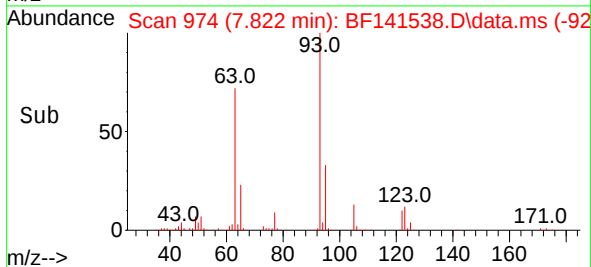
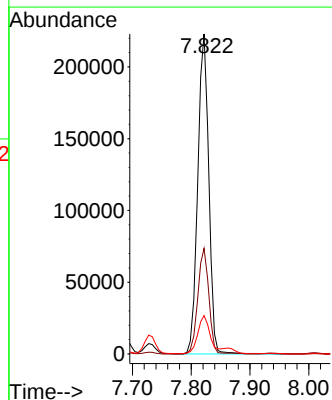
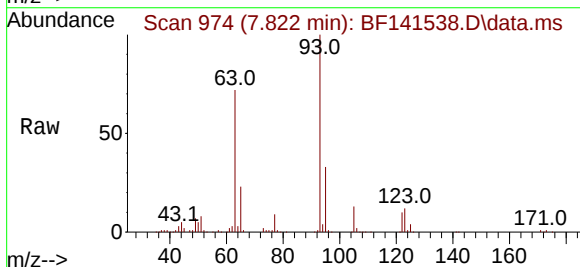
Instrument :
BNA_F
ClientSampleId :
WC-1MS

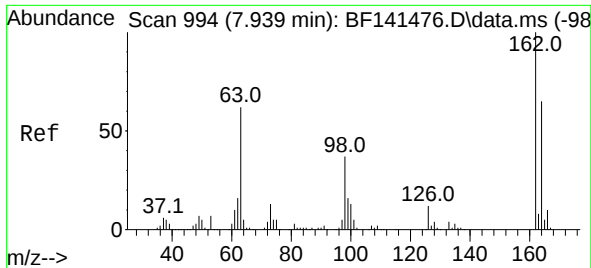
Tgt Ion:122 Resp: 206979
Ion Ratio Lower Upper
122 100
107 118.7 94.3 141.5
121 58.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.241 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion: 93 Resp: 289604
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 12.0 9.5 14.3

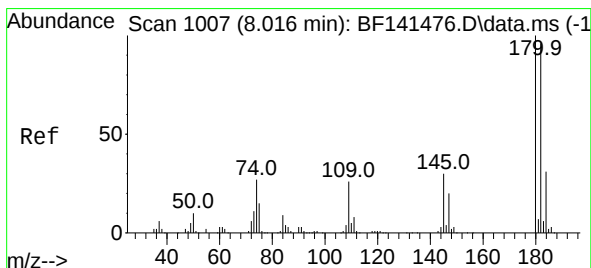
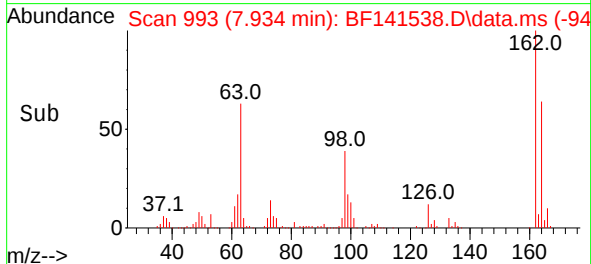
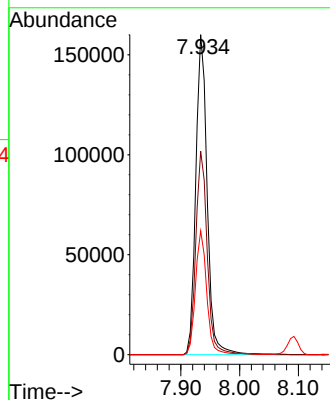
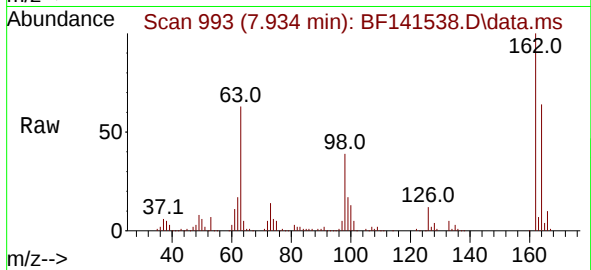




#29
2,4-Dichlorophenol
Concen: 43.837 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

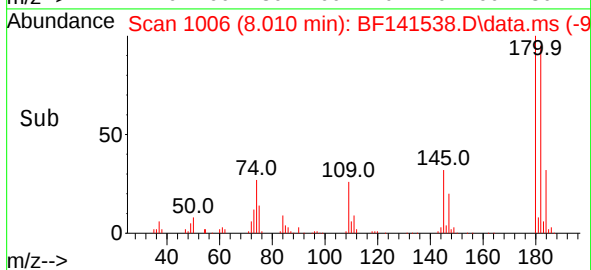
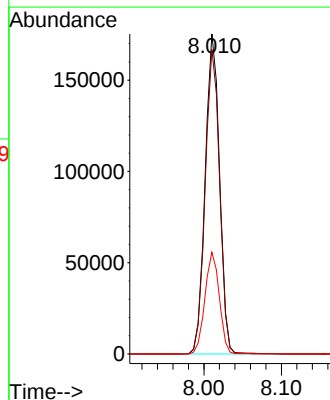
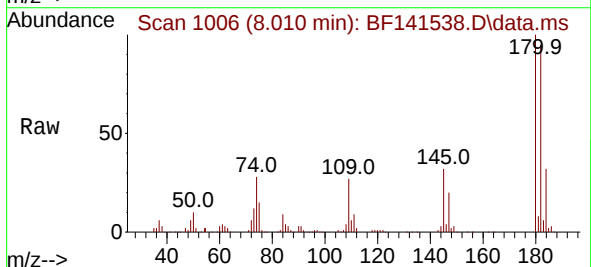
Instrument :
BNA_F
ClientSampleId :
WC-1MS

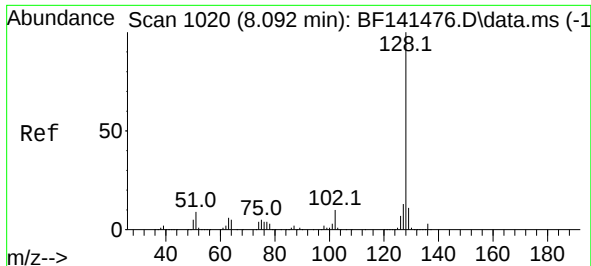
Tgt Ion:162 Resp: 215073
Ion Ratio Lower Upper
162 100
164 63.6 44.6 84.6
98 38.7 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 42.328 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:180 Resp: 226145
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 31.8 24.2 36.4

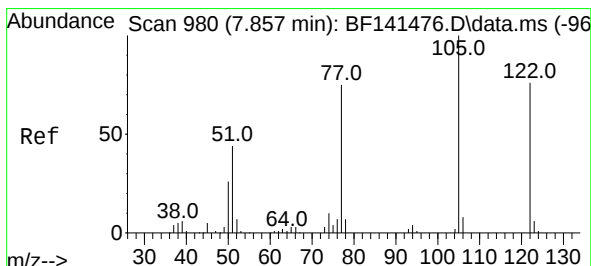
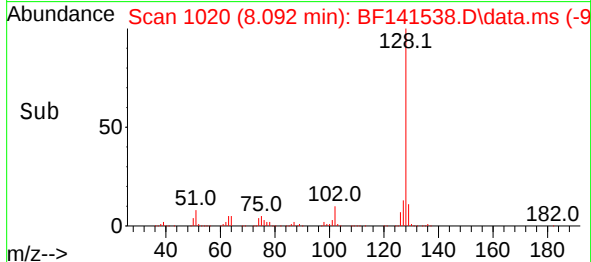
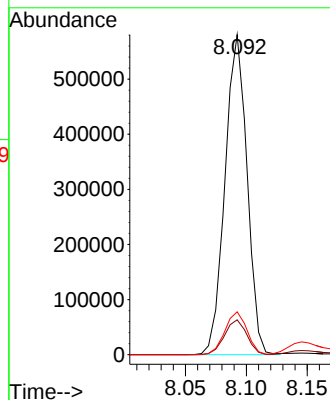
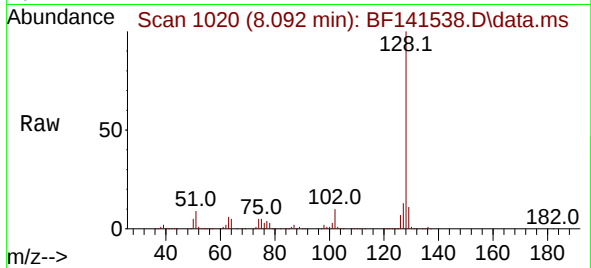




#31
Naphthalene
Concen: 42.160 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

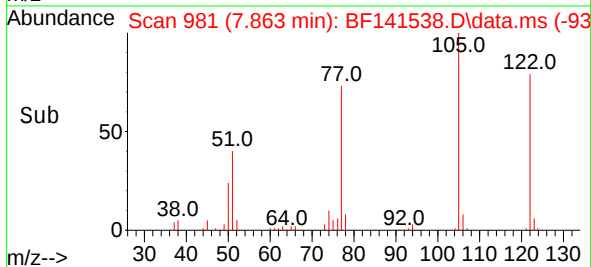
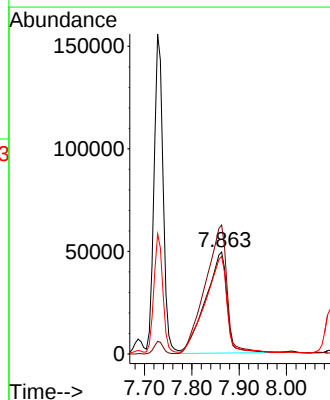
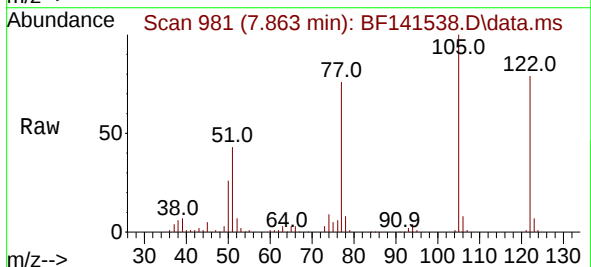
Instrument :
BNA_F
ClientSampleId :
WC-1MS

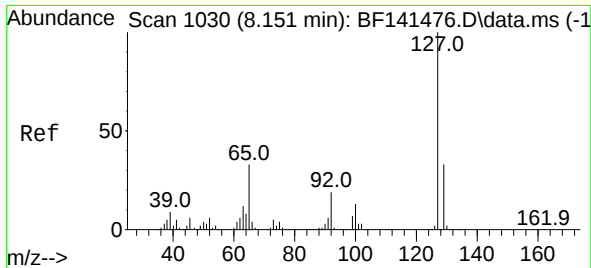
Tgt Ion:128 Resp: 733381
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 41.490 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:122 Resp: 156489
Ion Ratio Lower Upper
122 100
105 126.5 106.5 146.5
77 95.8 76.3 116.3





#33

4-Chloroaniline

Concen: 10.157 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:127 Resp: 61689

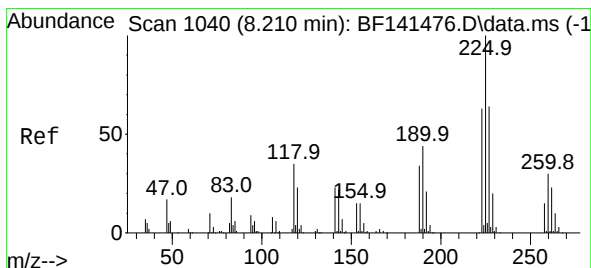
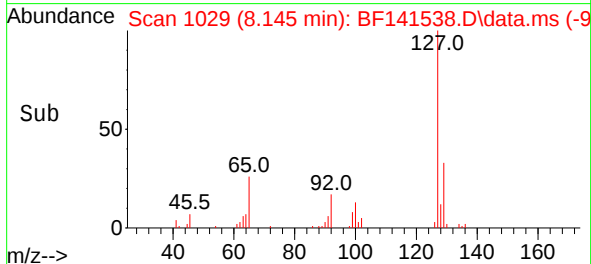
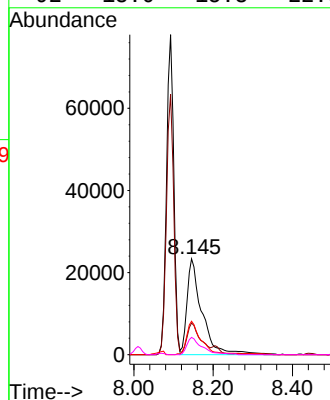
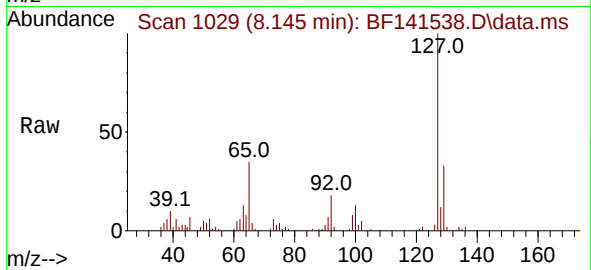
Ion Ratio Lower Upper

127 100

129 33.0 26.5 39.7

65 35.0 26.4 39.6

92 18.0 15.3 22.9



#34

Hexachlorobutadiene

Concen: 43.740 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

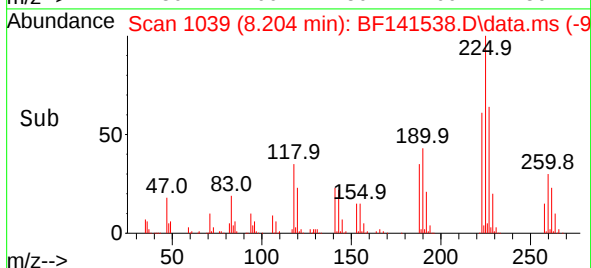
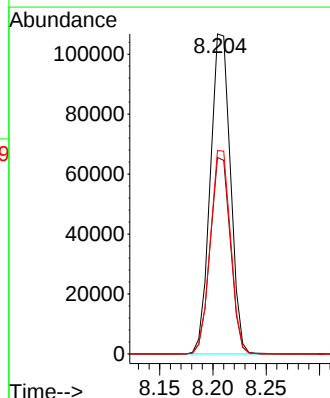
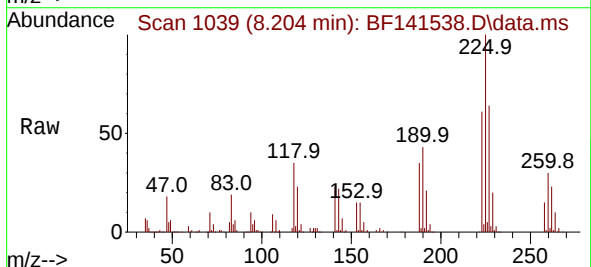
Tgt Ion:225 Resp: 140292

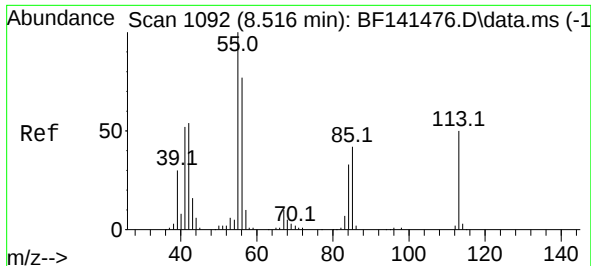
Ion Ratio Lower Upper

225 100

223 61.4 50.1 75.1

227 63.5 51.0 76.6





#35

Caprolactam

Concen: 18.794 ng

RT: 8.557 min Scan# 1092

Delta R.T. 0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

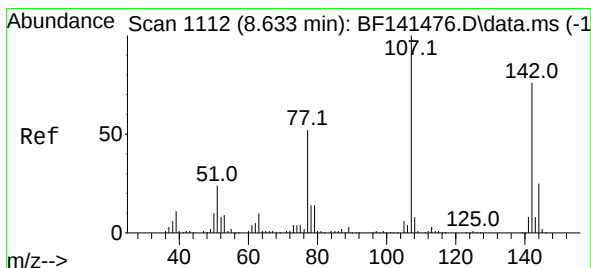
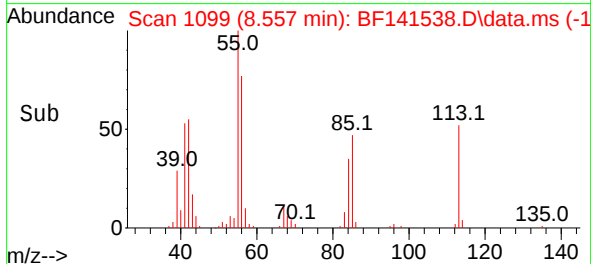
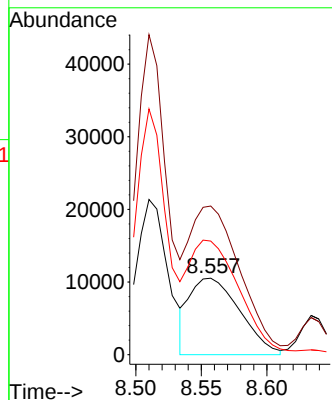
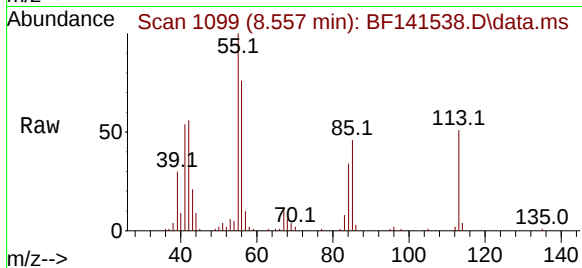
Tgt Ion:113 Resp: 28074

Ion Ratio Lower Upper

113 100

55 194.4 180.8 220.8

56 148.6 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 43.651 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

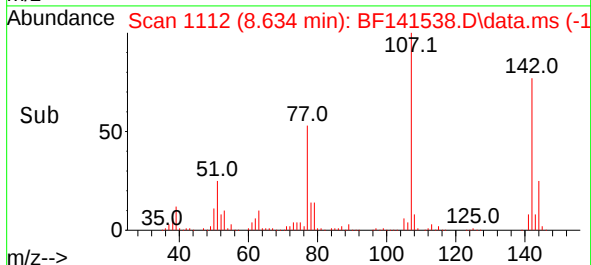
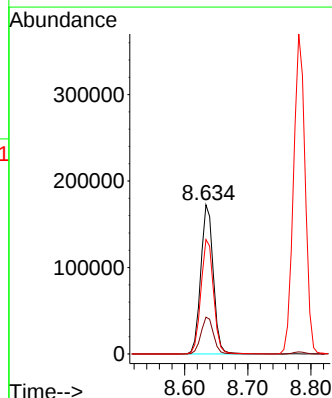
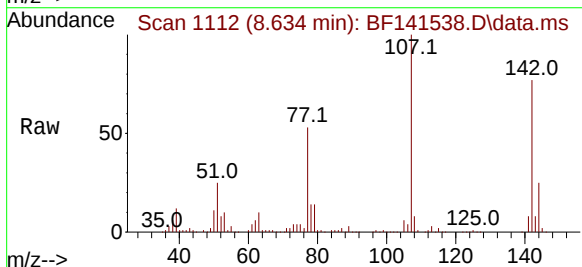
Tgt Ion:107 Resp: 237226

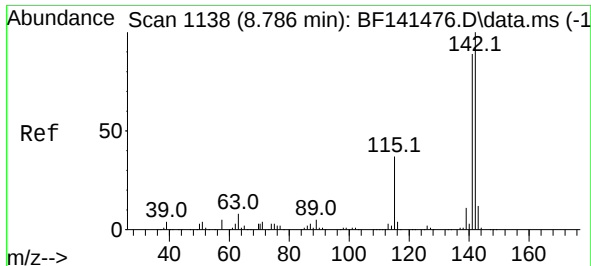
Ion Ratio Lower Upper

107 100

144 24.7 19.7 29.5

142 76.8 60.8 91.2





#37

2-Methylnaphthalene

Concen: 41.825 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

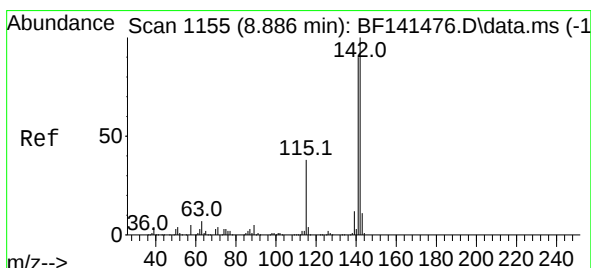
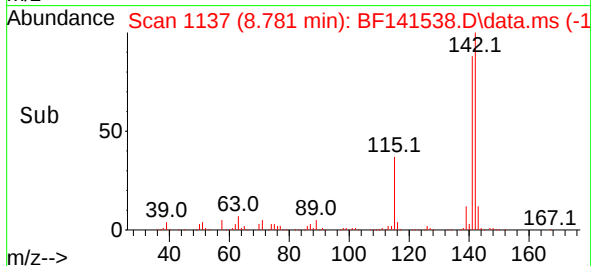
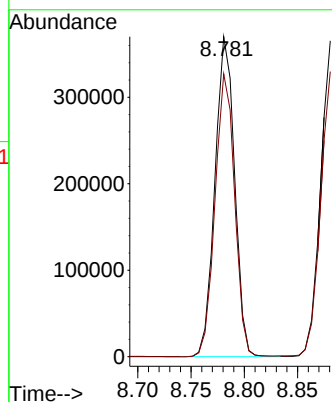
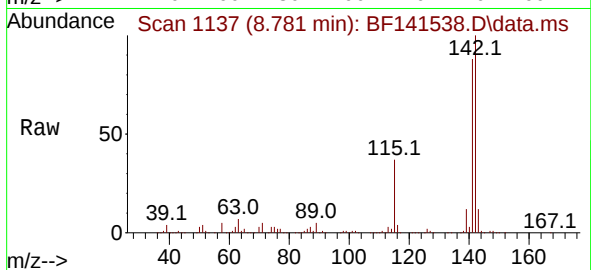
WC-1MS

Tgt Ion:142 Resp: 473440

Ion Ratio Lower Upper

142 100

141 88.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.544 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141538.D

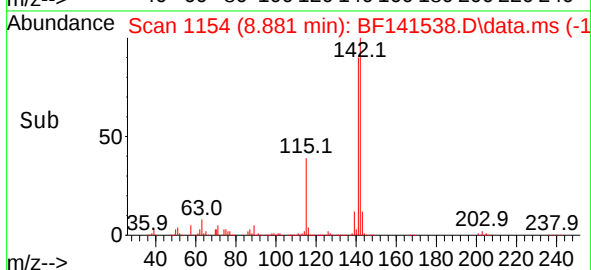
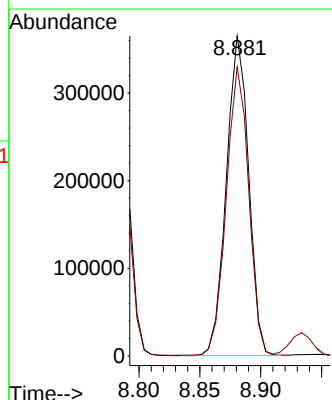
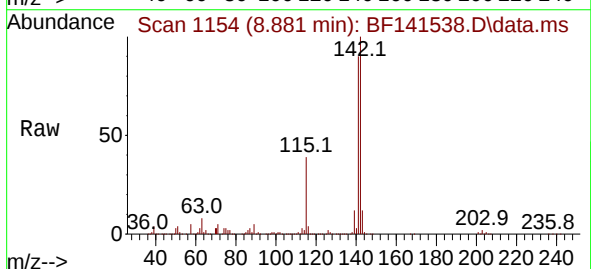
Acq: 10 Feb 2025 16:49

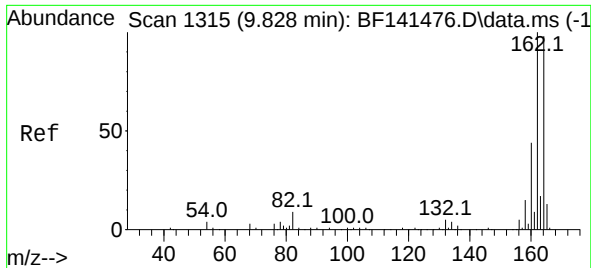
Tgt Ion:142 Resp: 466422

Ion Ratio Lower Upper

142 100

141 90.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

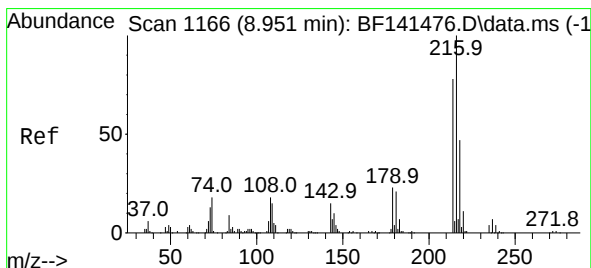
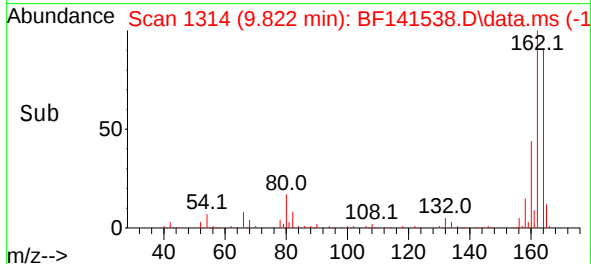
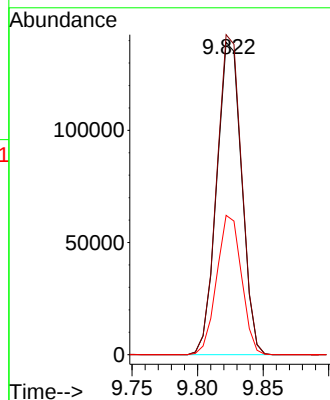
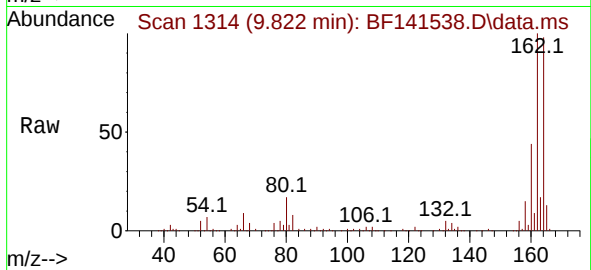
Tgt Ion:164 Resp: 183694

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 44.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.537 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Tgt Ion:216 Resp: 252633

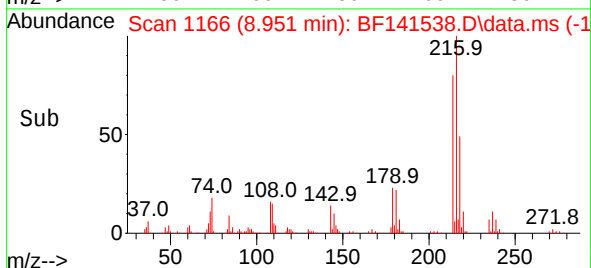
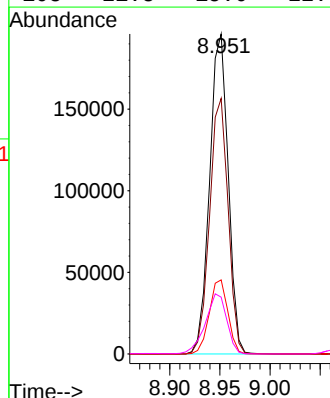
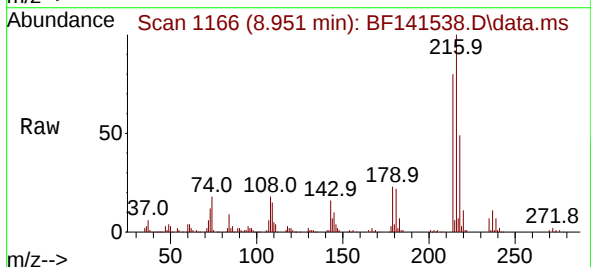
Ion Ratio Lower Upper

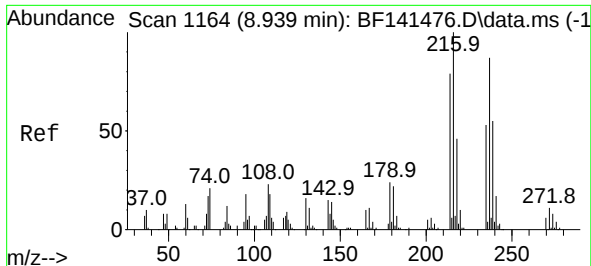
216 100

214 79.8 62.3 93.5

179 23.2 18.0 27.0

108 21.8 15.0 22.6

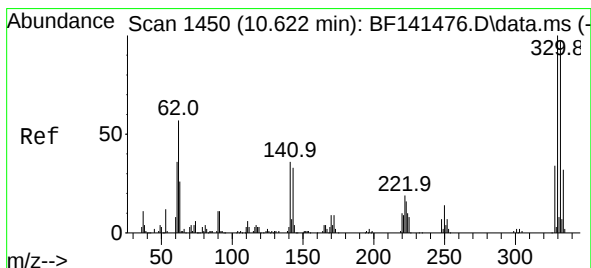
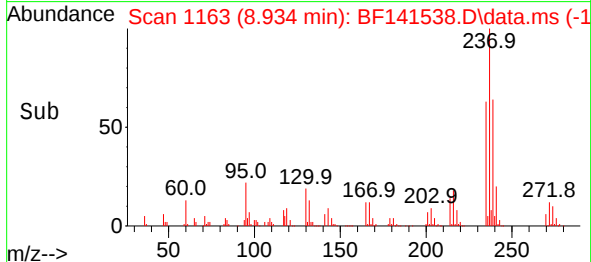
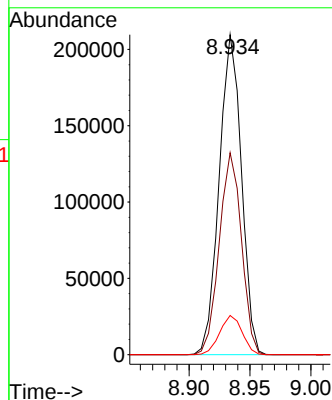
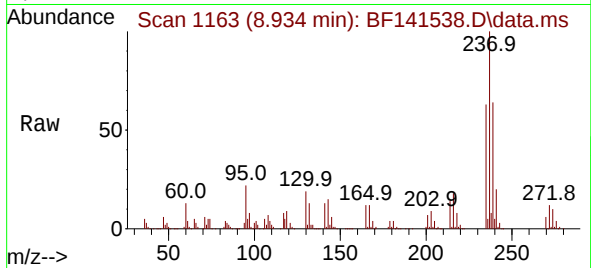




#41
Hexachlorocyclopentadiene
Concen: 150.857 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

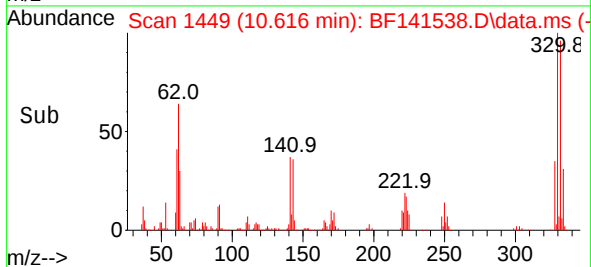
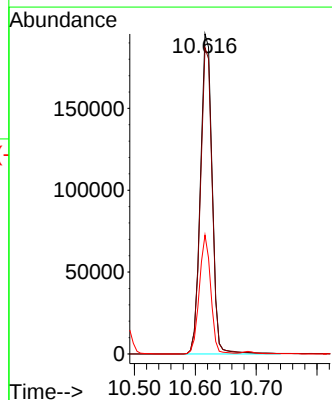
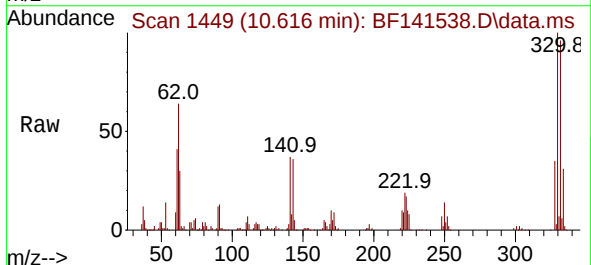
Instrument :
BNA_F
ClientSampleId :
WC-1MS

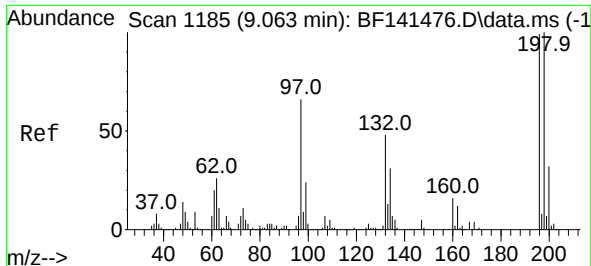
Tgt Ion:237 Resp: 266662
Ion Ratio Lower Upper
237 100
235 63.1 41.4 81.4
272 12.3 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 141.846 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:330 Resp: 261747
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 36.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.629 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

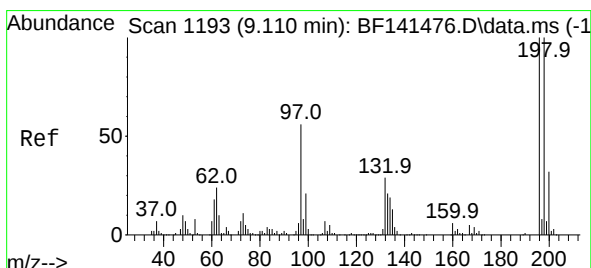
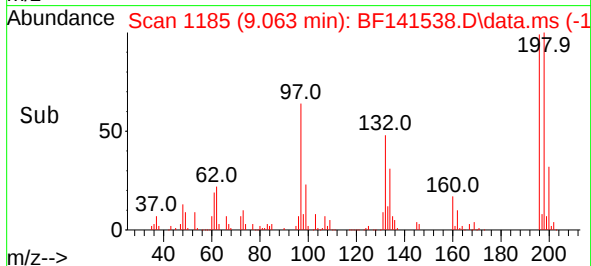
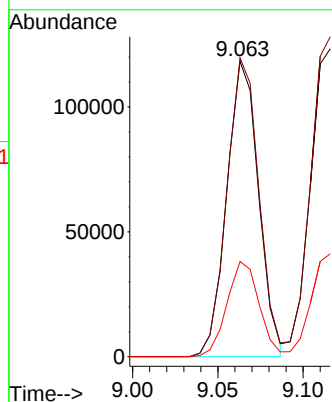
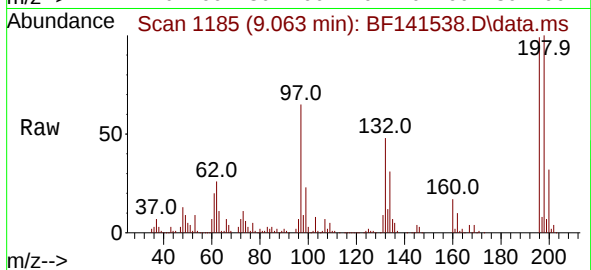
Tgt Ion:196 Resp: 153292

Ion Ratio Lower Upper

196 100

198 101.1 80.6 121.0

200 32.3 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.898 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Tgt Ion:196 Resp: 167137

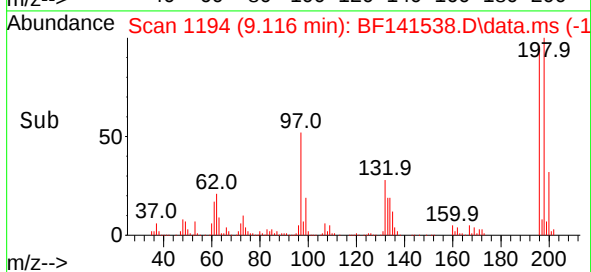
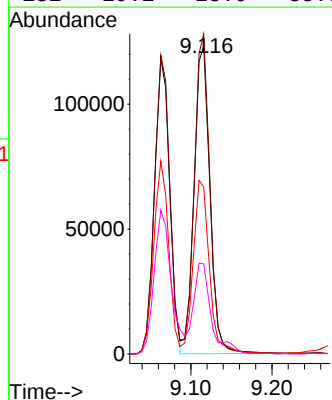
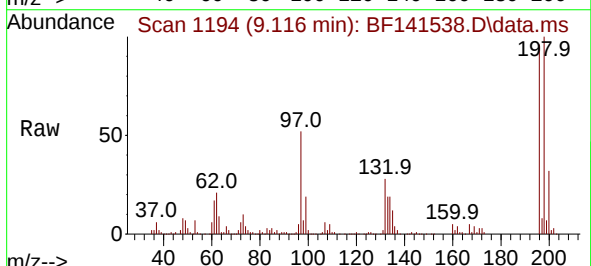
Ion Ratio Lower Upper

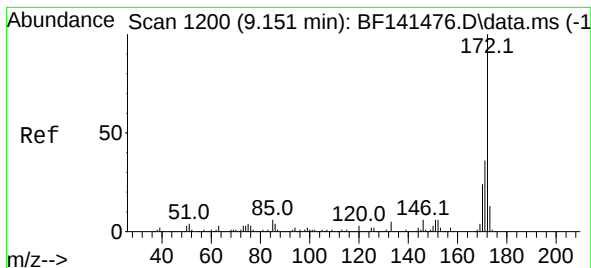
196 100

198 103.9 79.8 119.8

97 54.2 44.8 67.2

132 29.2 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 94.166 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

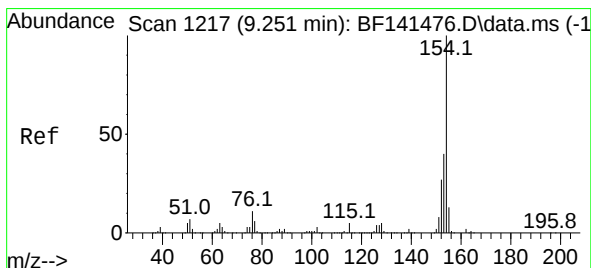
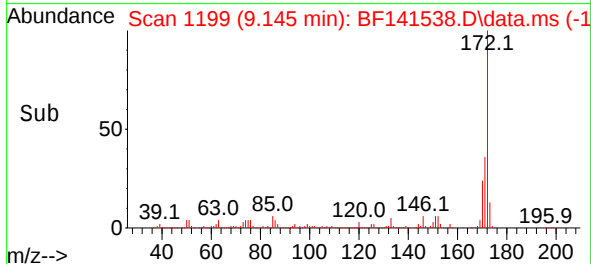
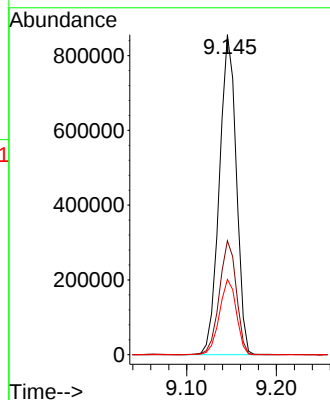
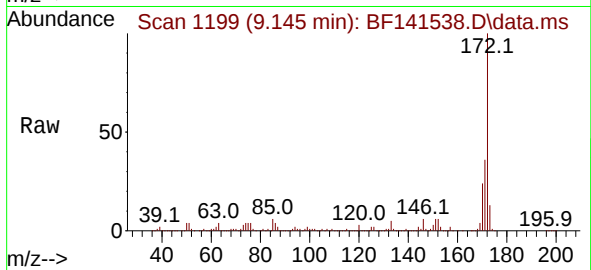
Tgt Ion:172 Resp: 1122761

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.709 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

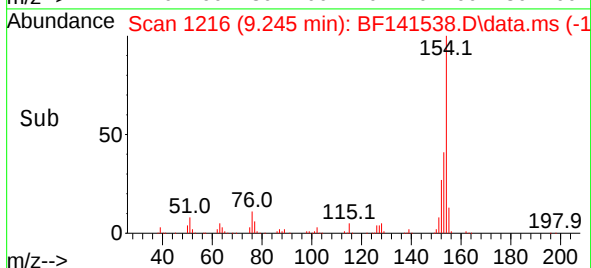
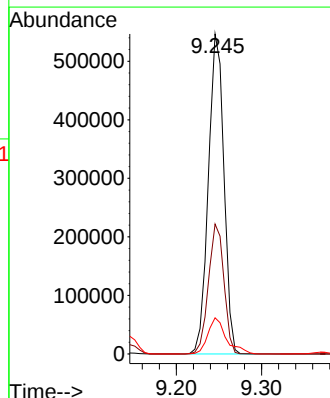
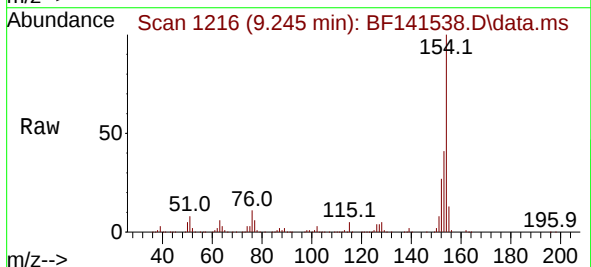
Tgt Ion:154 Resp: 693683

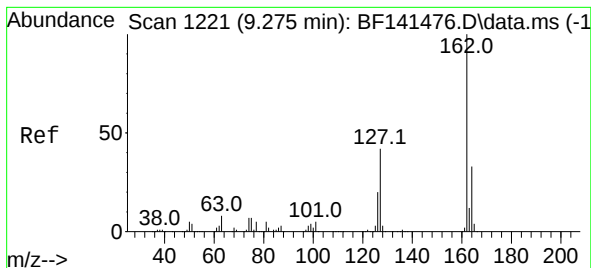
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 44.450 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

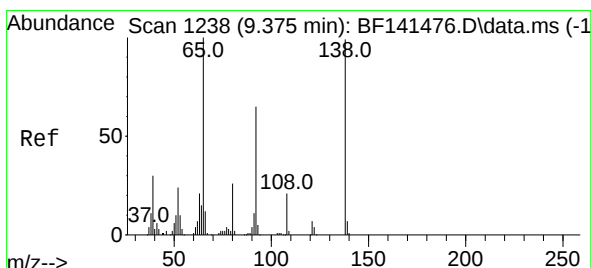
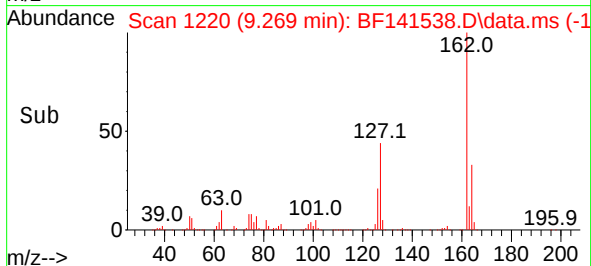
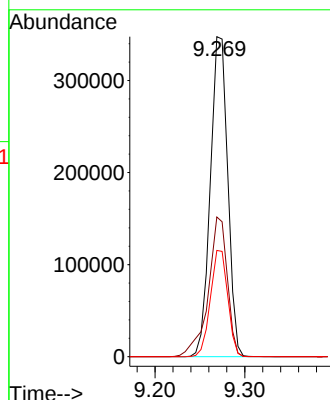
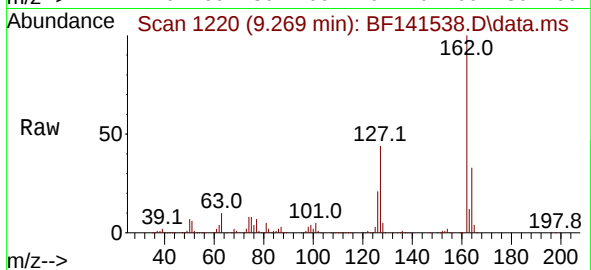
Tgt Ion:162 Resp: 468104

Ion Ratio Lower Upper

162 100

127 43.6 34.1 51.1

164 33.2 26.3 39.5



#48

2-Nitroaniline

Concen: 45.025 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

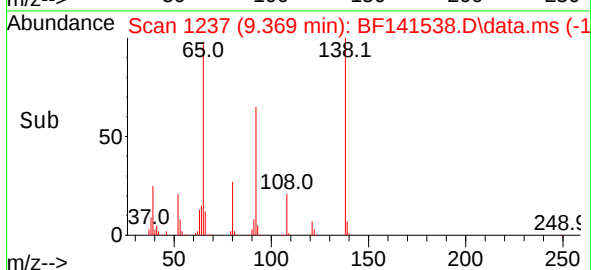
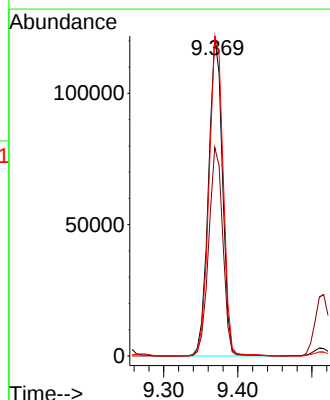
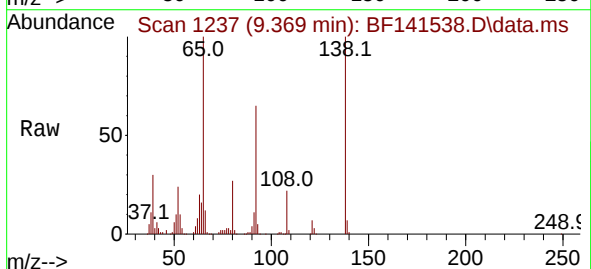
Tgt Ion: 65 Resp: 159132

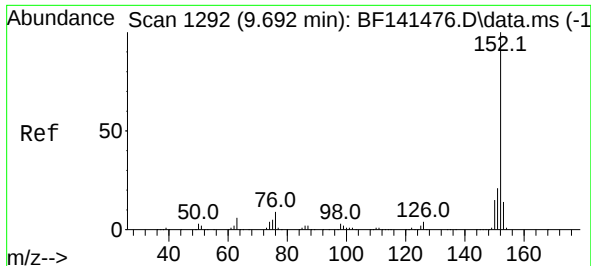
Ion Ratio Lower Upper

65 100

92 65.2 52.2 78.2

138 100.1 79.5 119.3





#49

Acenaphthylene

Concen: 46.714 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

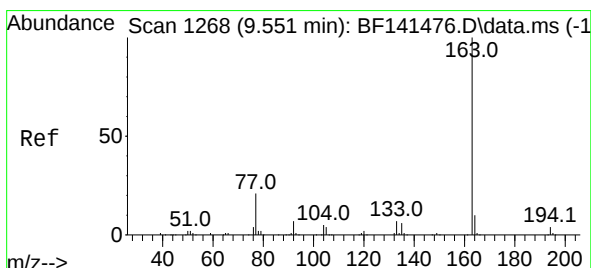
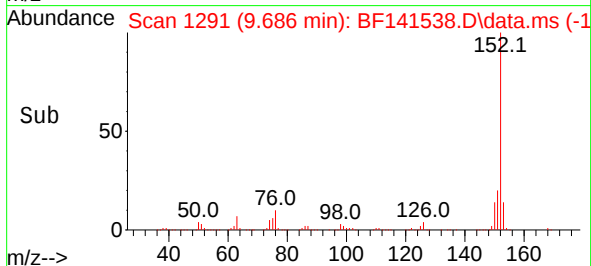
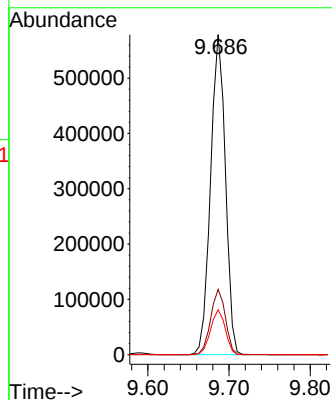
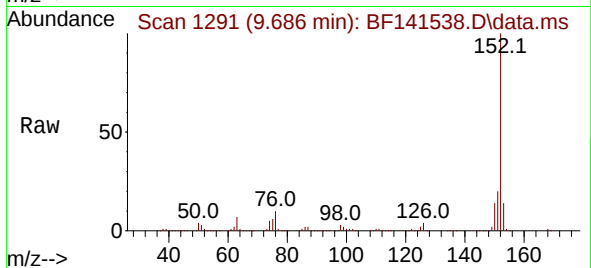
Tgt Ion:152 Resp: 731717

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 46.466 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

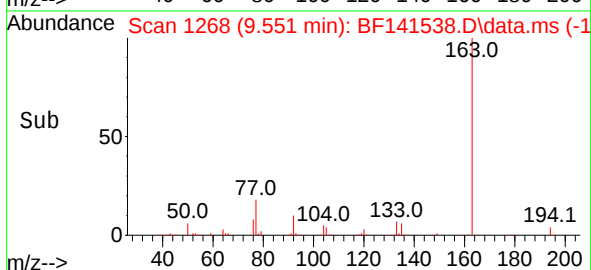
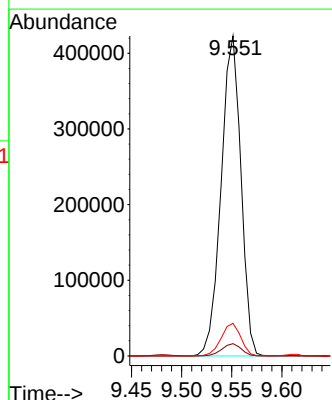
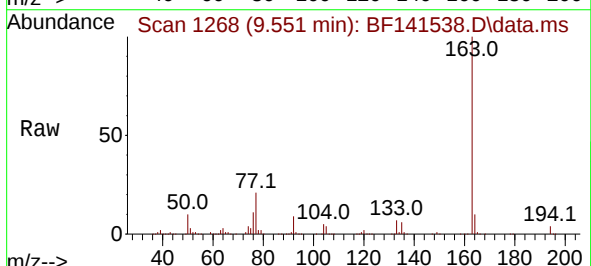
Tgt Ion:163 Resp: 579455

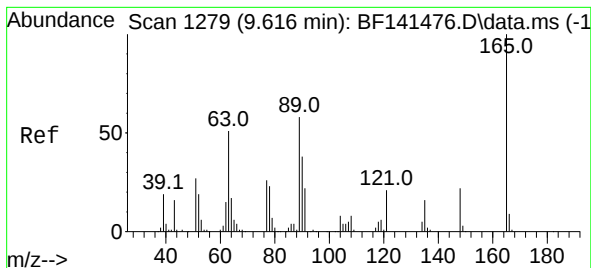
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.717 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

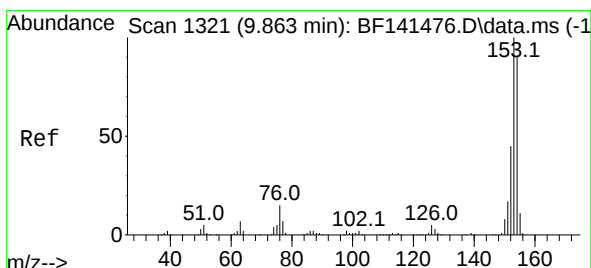
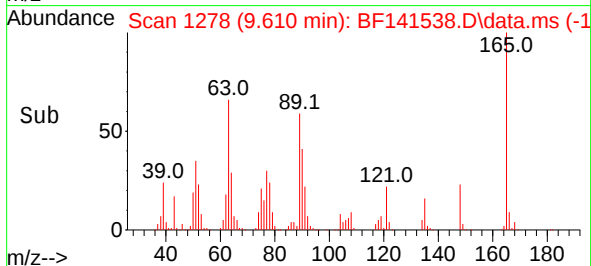
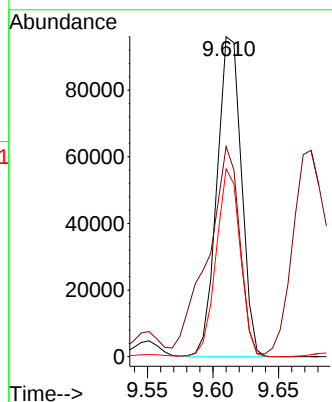
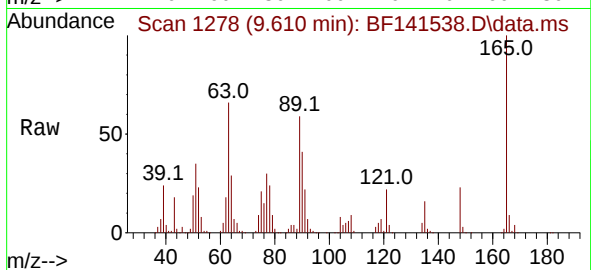
Tgt Ion:165 Resp: 124631

Ion Ratio Lower Upper

165 100

63 65.7 49.4 74.0

89 58.7 46.5 69.7



#52

Acenaphthene

Concen: 43.801 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

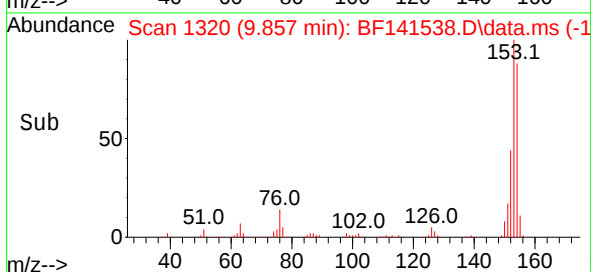
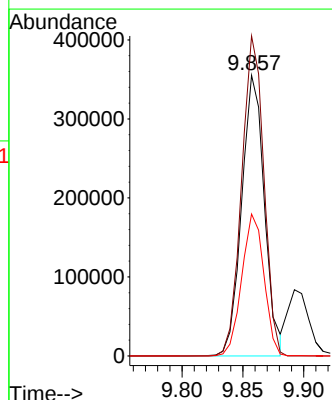
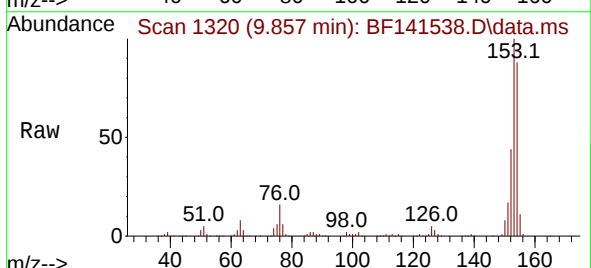
Tgt Ion:154 Resp: 461249

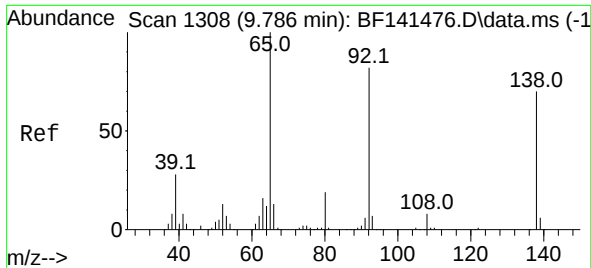
Ion Ratio Lower Upper

154 100

153 114.0 89.2 133.8

152 50.6 39.8 59.8

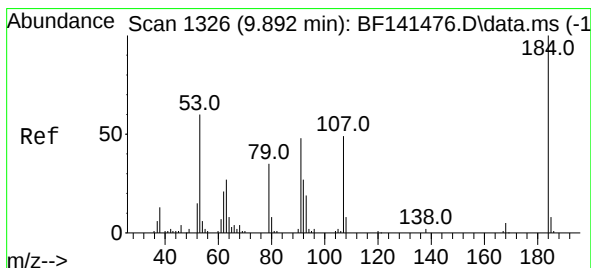
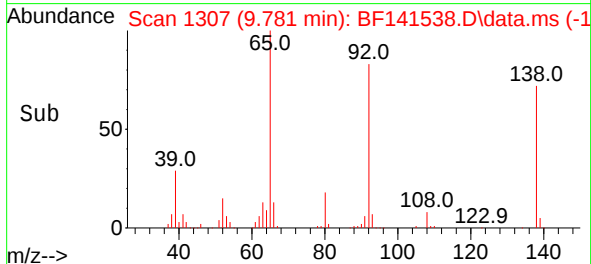
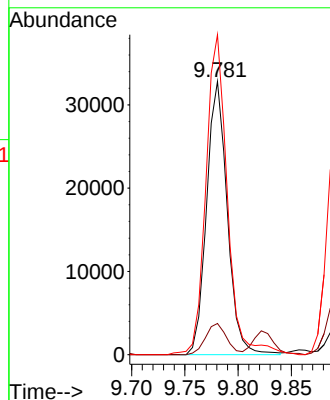
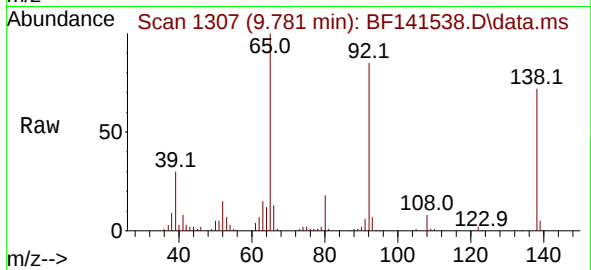




#53
3-Nitroaniline
Concen: 15.102 ng
RT: 9.781 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

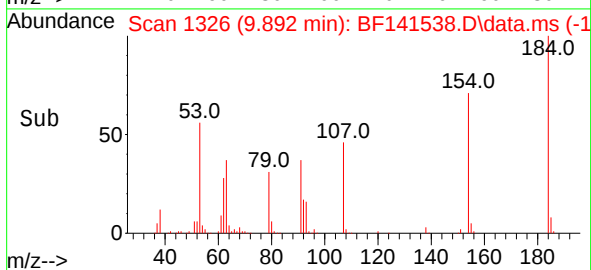
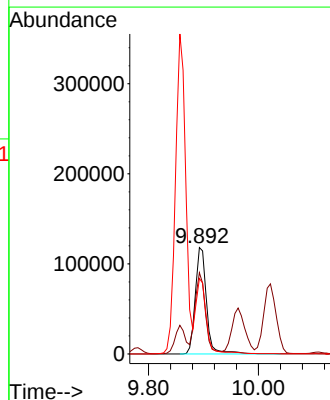
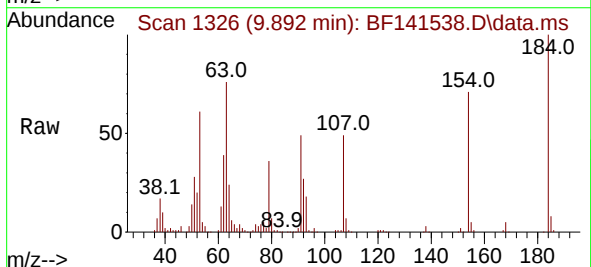
Instrument :
BNA_F
ClientSampleId :
WC-1MS

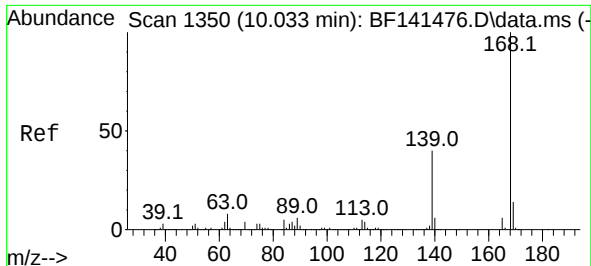
Tgt Ion:138 Resp: 44311
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.4
92 117.1 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 104.144 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:184 Resp: 168737
Ion Ratio Lower Upper
184 100
63 76.3 61.0 91.6
154 70.9 59.9 89.9

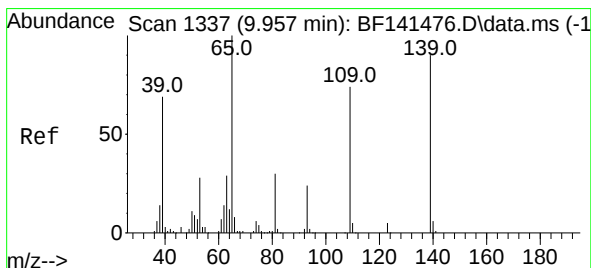
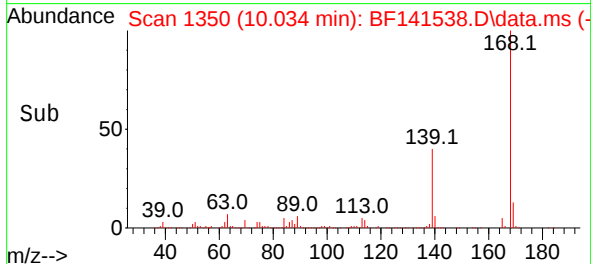
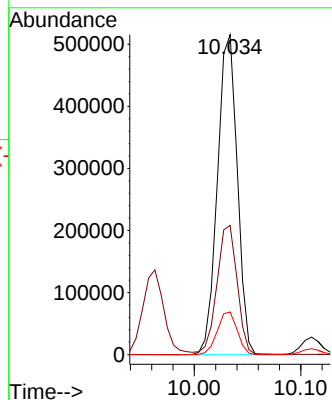
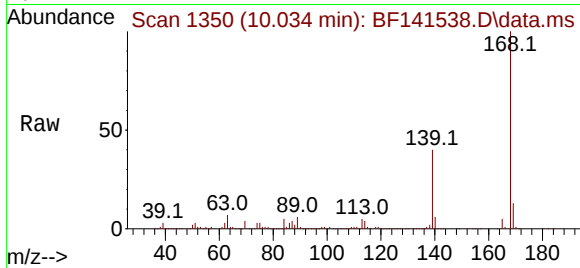




#55
Dibenzenofuran
Concen: 43.129 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

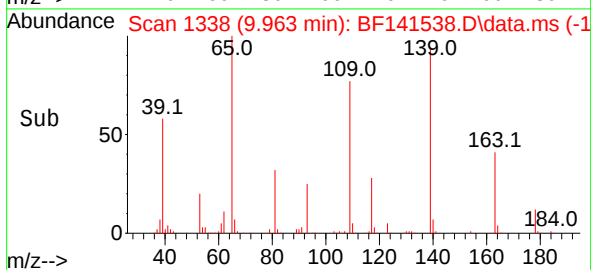
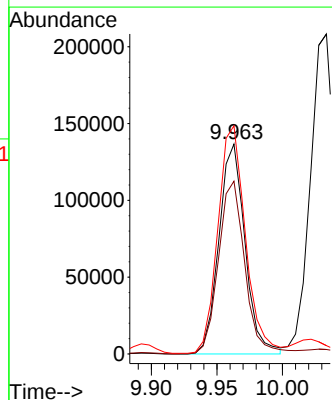
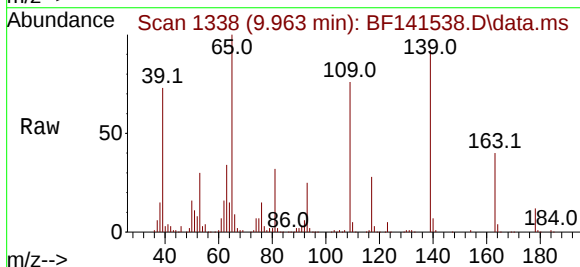
Instrument :
BNA_F
ClientSampleId :
WC-1MS

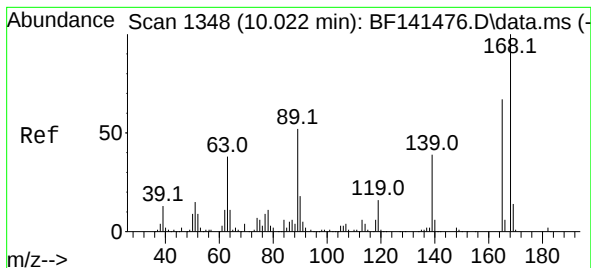
Tgt Ion:168 Resp: 666650
Ion Ratio Lower Upper
168 100
139 40.4 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 86.754 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

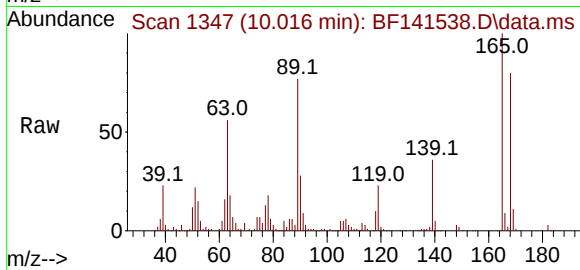
Tgt Ion:139 Resp: 188961
Ion Ratio Lower Upper
139 100
109 82.3 62.0 102.0
65 108.7 91.2 131.2



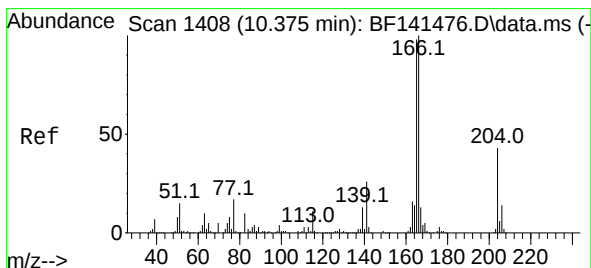
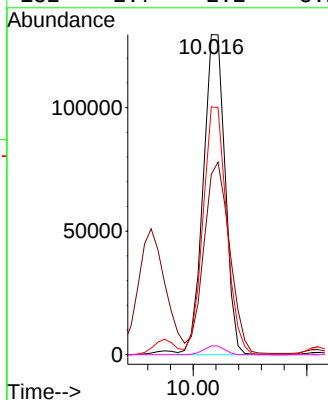
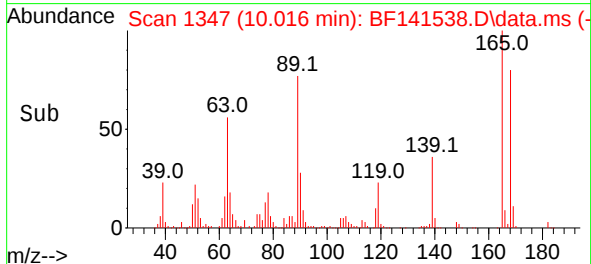


#57
2,4-Dinitrotoluene
Concen: 47.518 ng
RT: 10.016 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

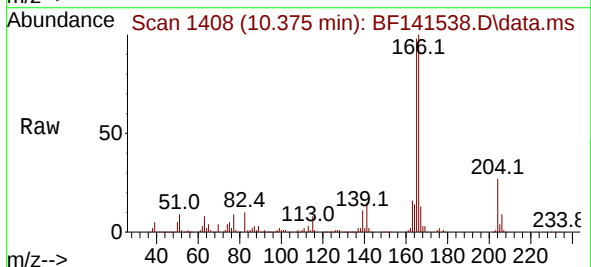
Instrument :
BNA_F
ClientSampleId :
WC-1MS



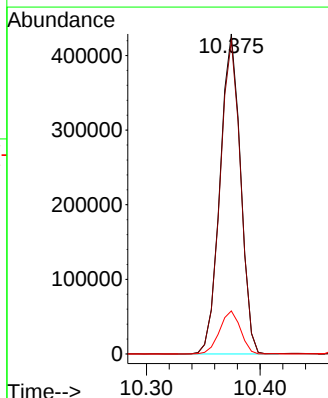
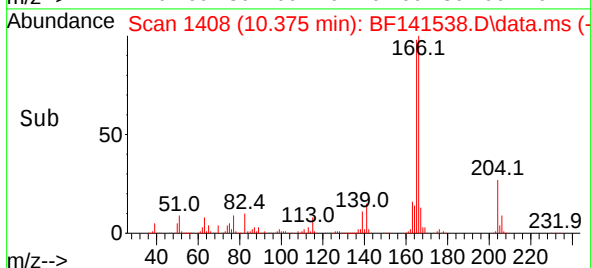
Tgt Ion:165 Resp: 172451
Ion Ratio Lower Upper
165 100
63 56.3 46.4 69.6
89 77.5 61.8 92.6
182 2.7 2.2 3.2

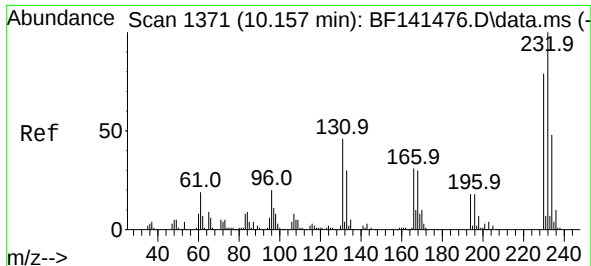


#58
Fluorene
Concen: 44.906 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49



Tgt Ion:166 Resp: 536685
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.431 ng

RT: 10.151 min Scan# 1371

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:232 Resp: 142396

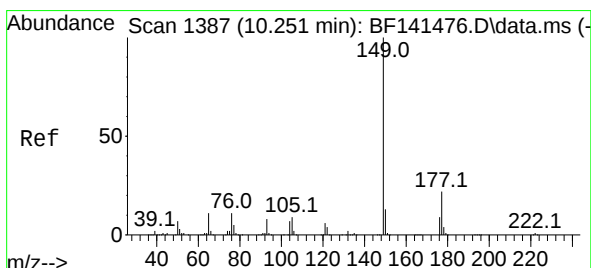
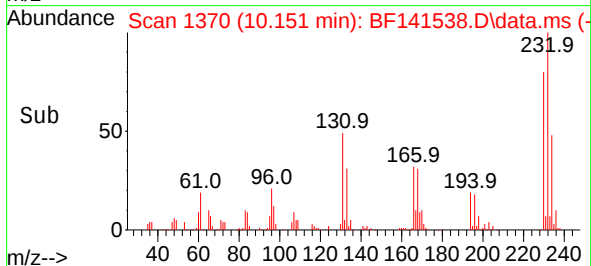
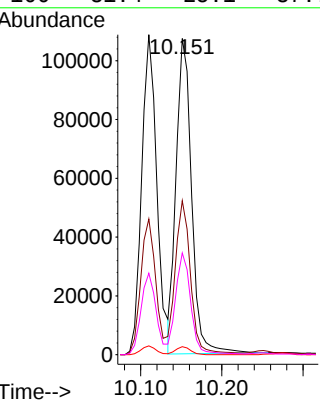
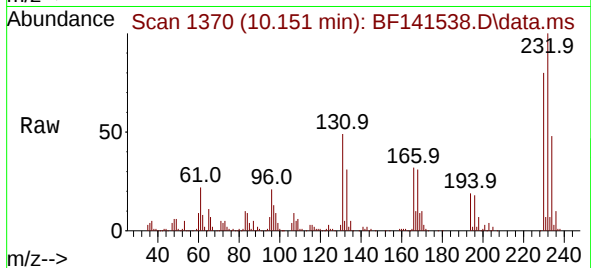
Ion Ratio Lower Upper

232 100

131 49.1 39.2 58.8

130 2.4 2.1 3.1

166 31.4 25.1 37.7



#60

Diethylphthalate

Concen: 45.787 ng

RT: 10.251 min Scan# 1387

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

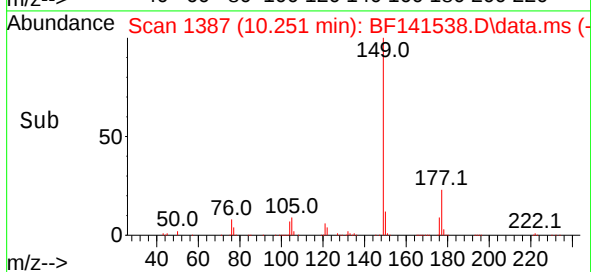
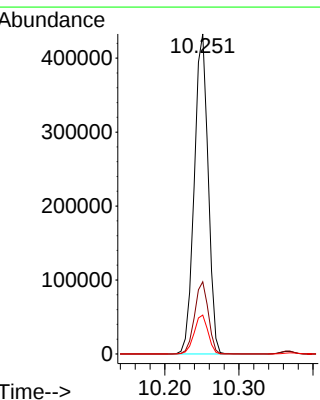
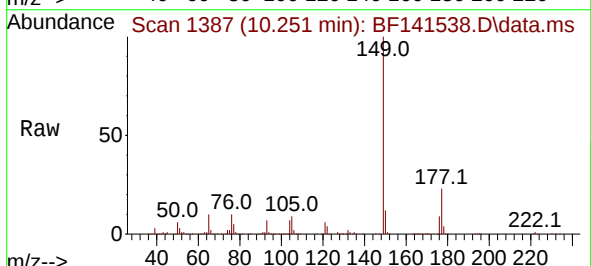
Tgt Ion:149 Resp: 561789

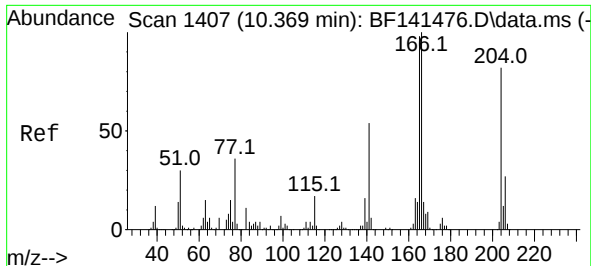
Ion Ratio Lower Upper

149 100

177 22.5 17.8 26.6

150 12.2 10.1 15.1

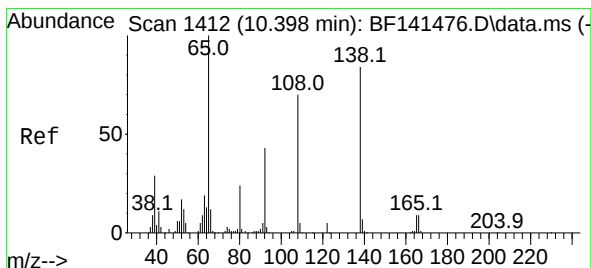
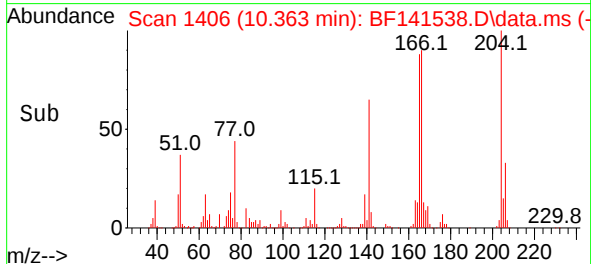
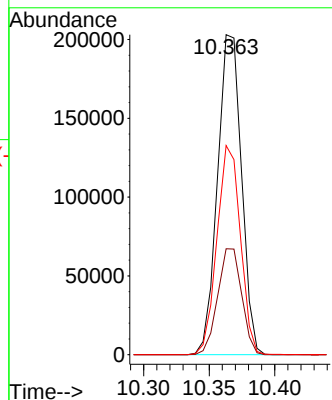
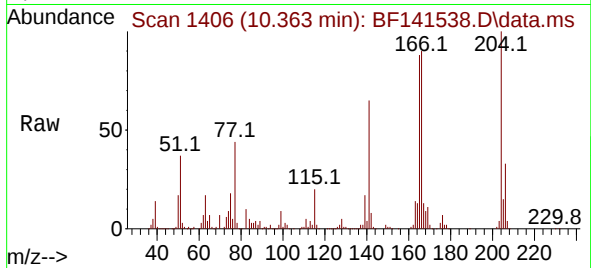




#61
4-Chlorophenyl-phenylether
Concen: 44.896 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

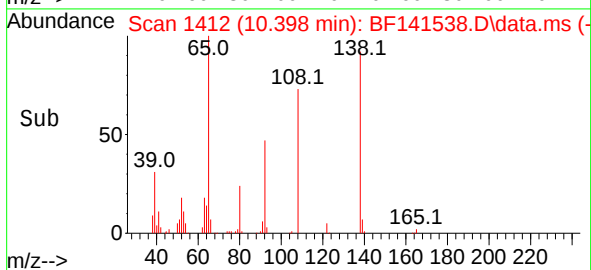
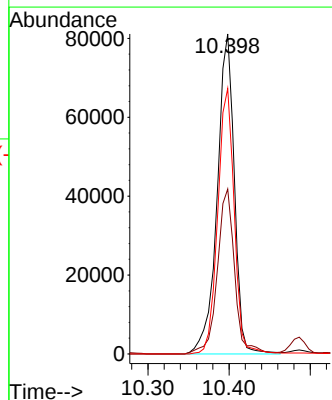
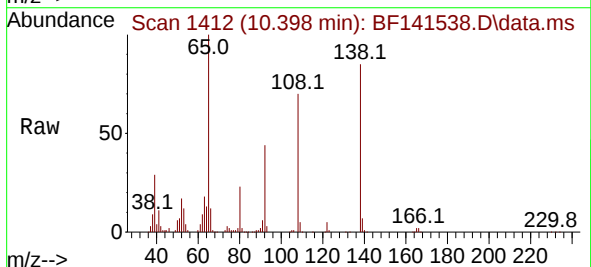
Instrument :
BNA_F
ClientSampleId :
WC-1MS

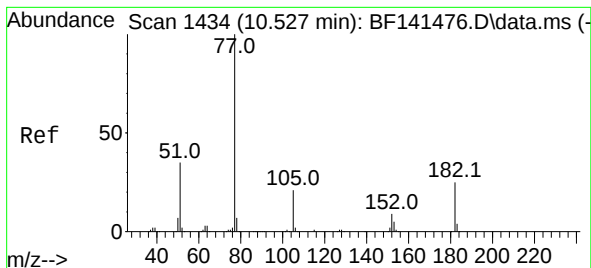
Tgt Ion:204 Resp: 258139
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 65.4 51.9 77.9



#62
4-Nitroaniline
Concen: 40.148 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:138 Resp: 119614
Ion Ratio Lower Upper
138 100
92 51.5 31.3 71.3
108 83.0 63.7 103.7





#63

Azobenzene

Concen: 44.207 ng

RT: 10.528 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 77 Resp: 539216

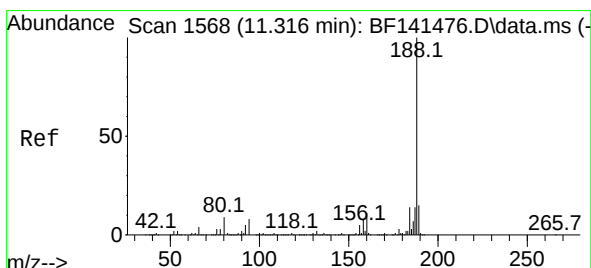
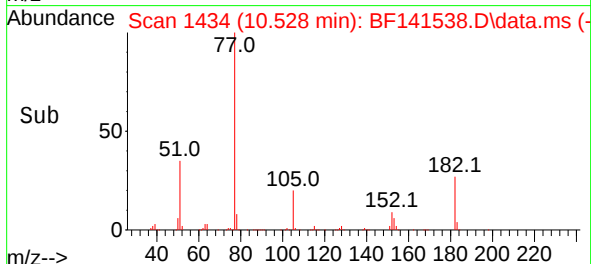
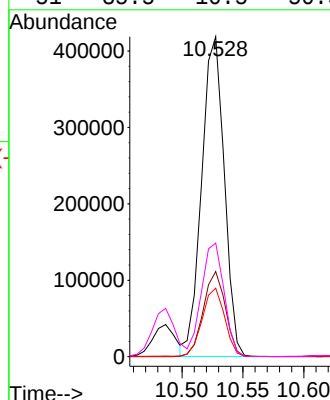
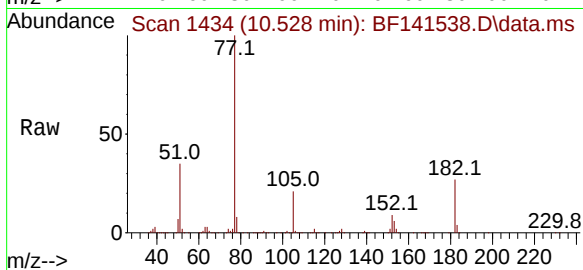
Ion Ratio Lower Upper

77 100

182 26.6 4.7 44.7

105 21.4 0.4 40.4

51 35.5 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

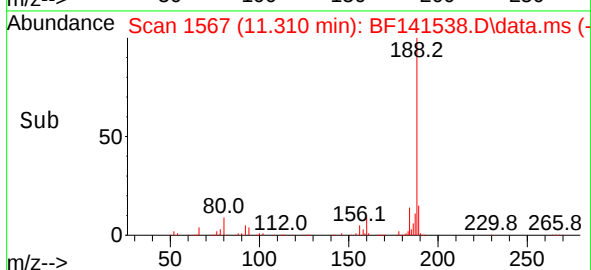
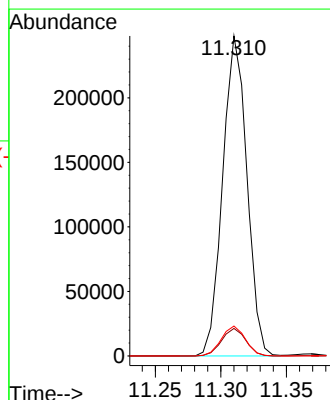
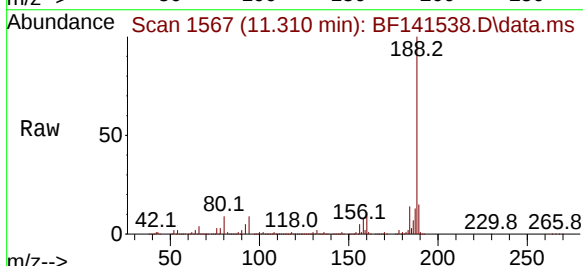
Tgt Ion:188 Resp: 318644

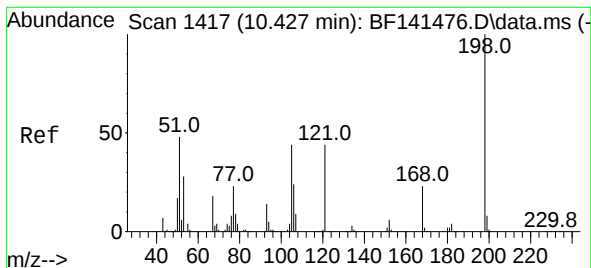
Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.4 7.3 10.9

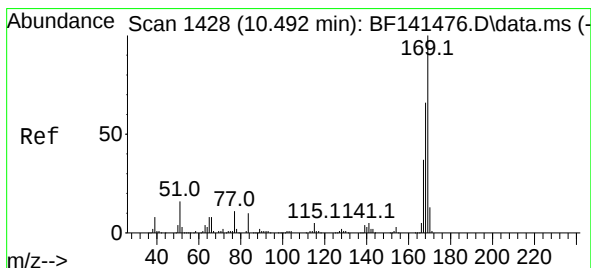
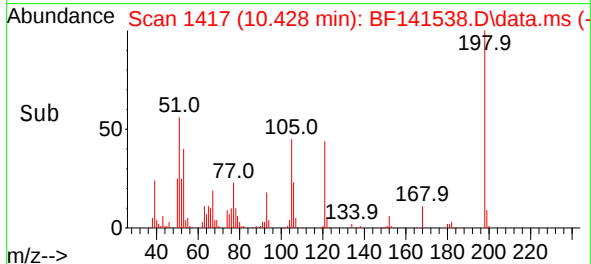
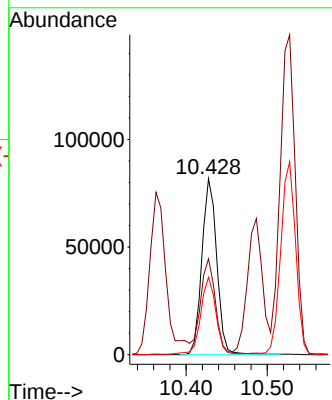
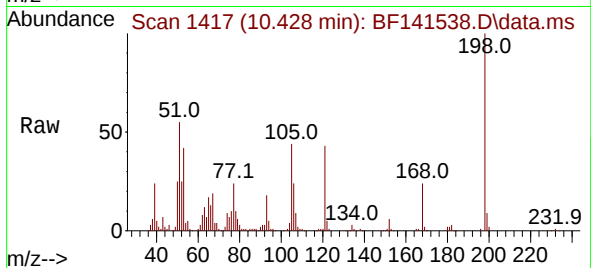




#65
4,6-Dinitro-2-methylphenol
Concen: 47.107 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

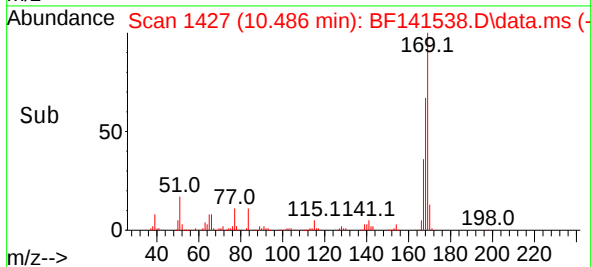
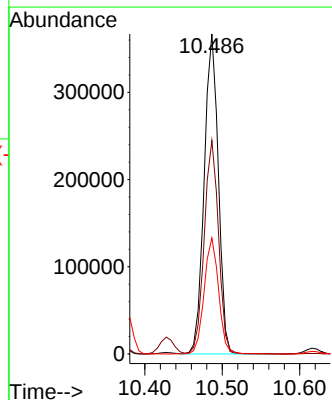
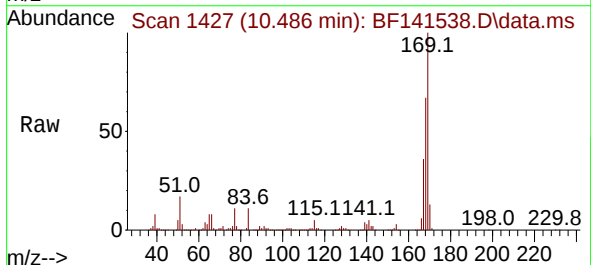
Instrument :
BNA_F
ClientSampleId :
WC-1MS

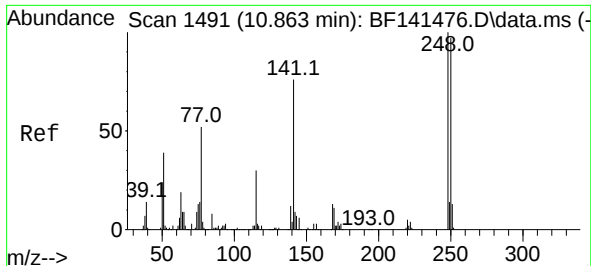
Tgt Ion:198 Resp: 104270
Ion Ratio Lower Upper
198 100
51 54.5 37.4 77.4
105 44.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 45.574 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:169 Resp: 464858
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 36.3 29.4 44.2

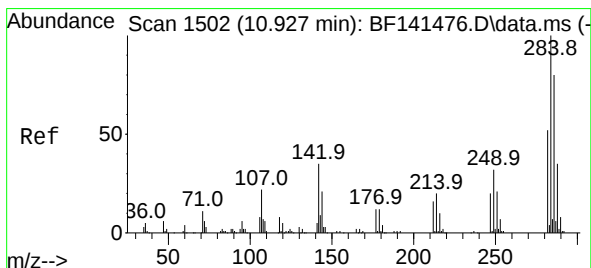
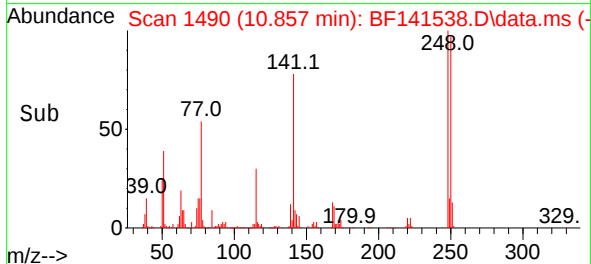
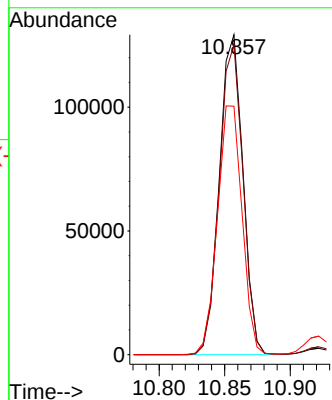
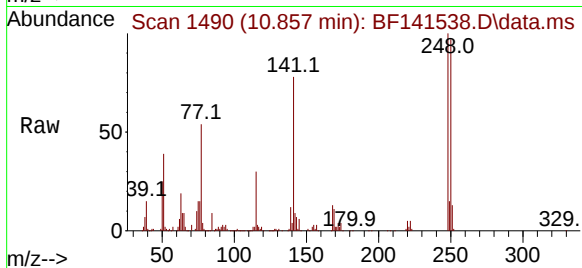




#67
4-Bromophenyl-phenylether
Concen: 45.572 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

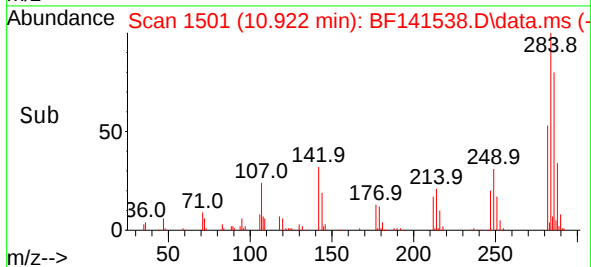
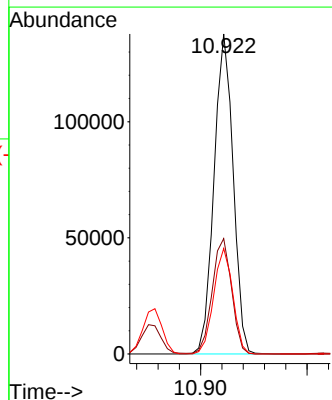
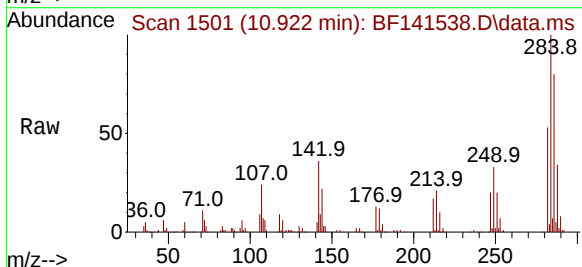
Instrument :
BNA_F
ClientSampleId :
WC-1MS

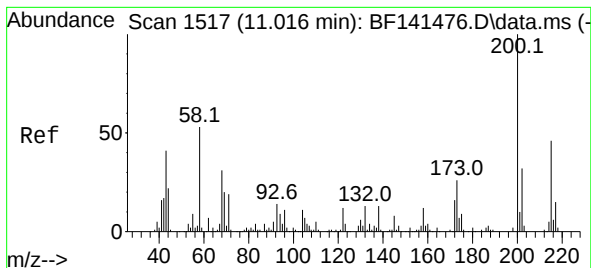
Tgt Ion:248 Resp: 162293
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.6
141 77.6 60.6 90.8



#68
Hexachlorobenzene
Concen: 46.817 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:284 Resp: 171686
Ion Ratio Lower Upper
284 100
142 36.1 28.0 42.0
249 32.9 25.8 38.8





#69

Atrazine

Concen: 53.320 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

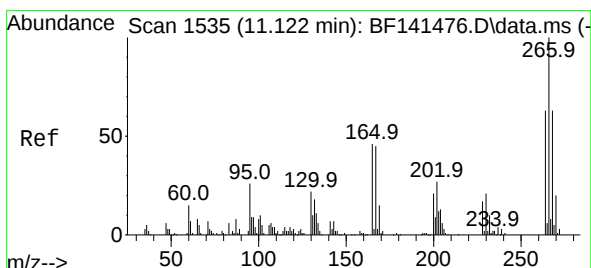
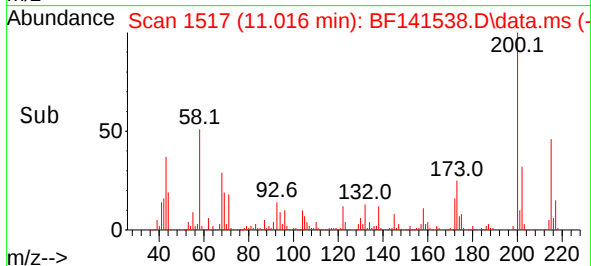
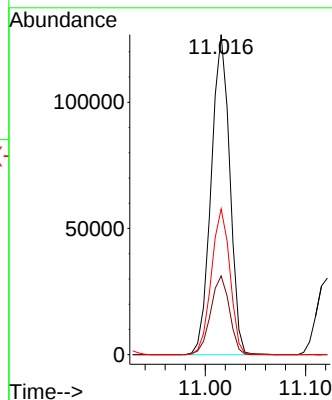
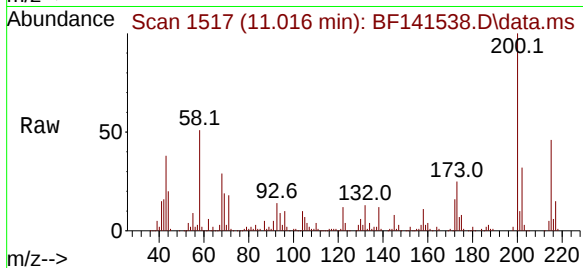
Tgt Ion:200 Resp: 163161

Ion Ratio Lower Upper

200 100

173 24.6 5.9 45.9

215 45.6 25.9 65.9



#70

Pentachlorophenol

Concen: 91.582 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

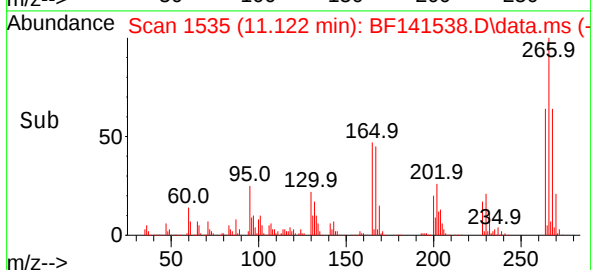
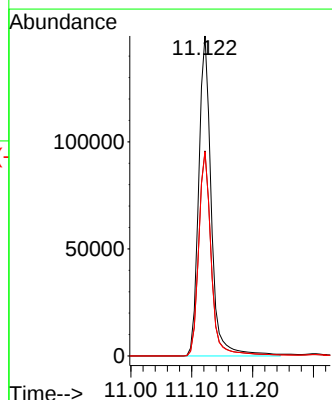
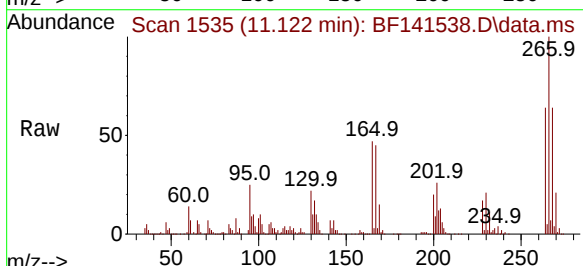
Tgt Ion:266 Resp: 214745

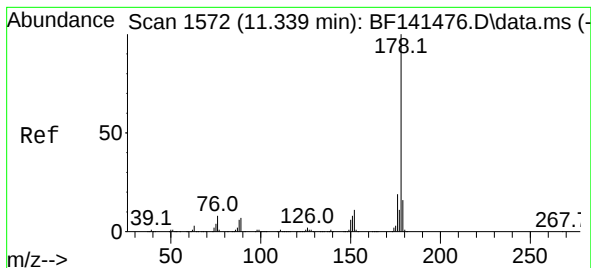
Ion Ratio Lower Upper

266 100

268 64.1 50.1 75.1

264 63.8 50.1 75.1





#71

Phenanthrene

Concen: 46.314 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

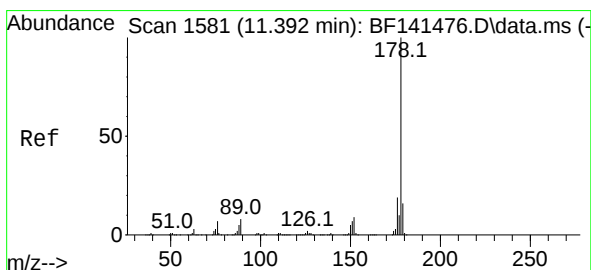
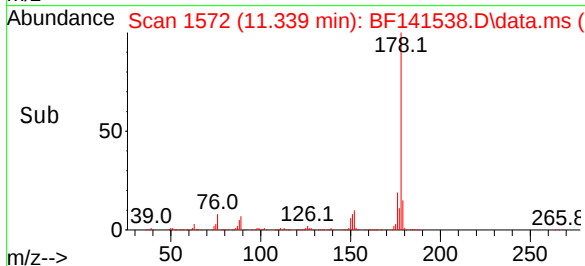
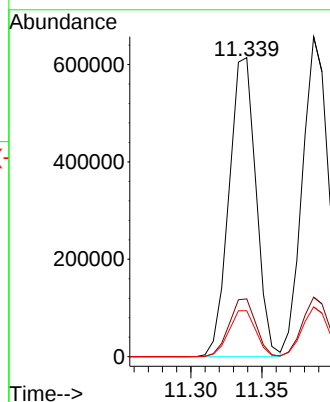
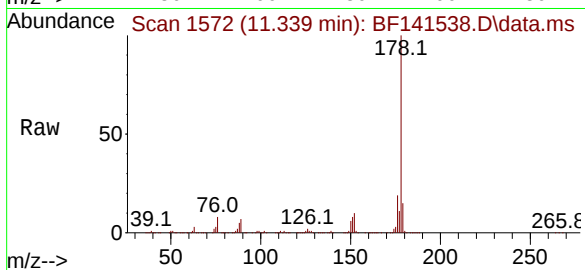
Tgt Ion:178 Resp: 812351

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.4 12.4 18.6



#72

Anthracene

Concen: 47.442 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

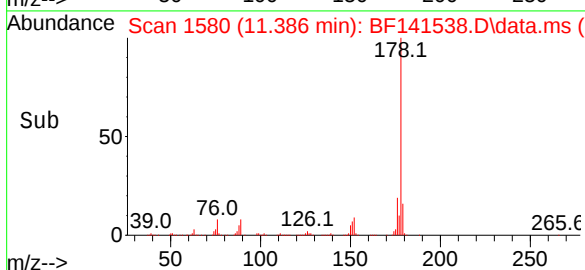
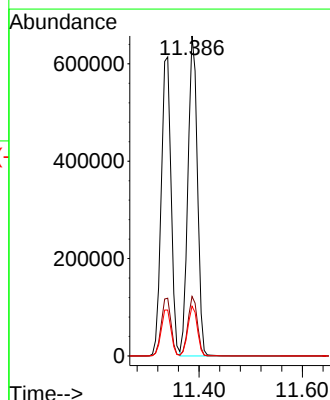
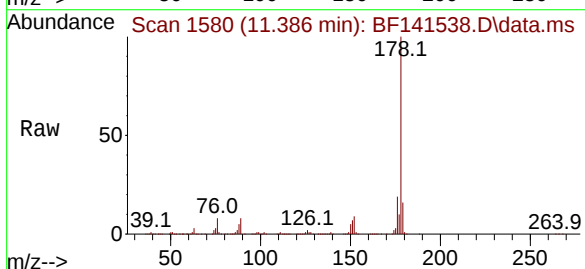
Tgt Ion:178 Resp: 836500

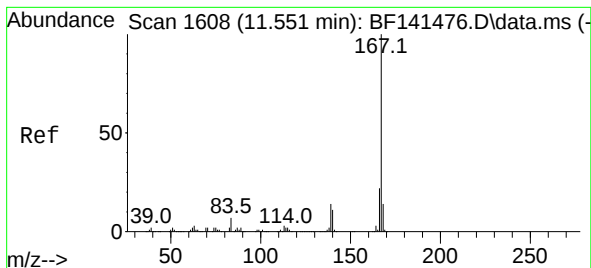
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.6 12.4 18.6





#73

Carbazole

Concen: 45.994 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

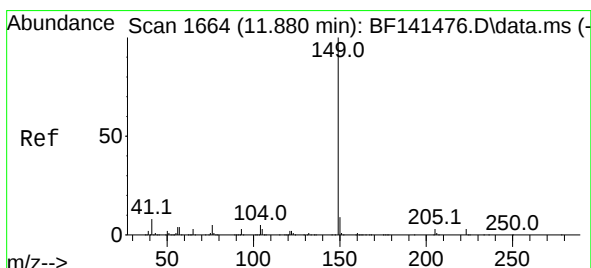
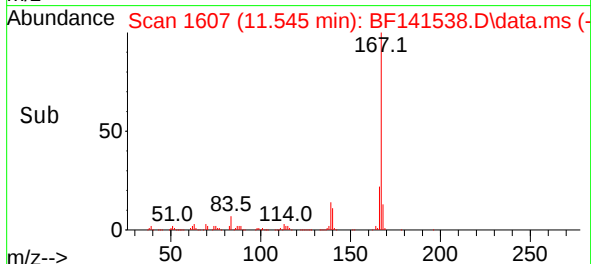
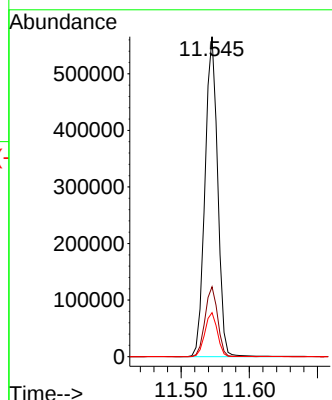
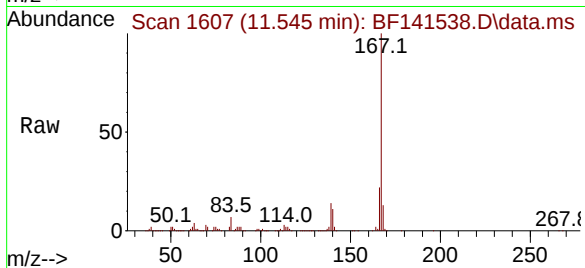
Tgt Ion:167 Resp: 729687

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.642 ng

RT: 11.875 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

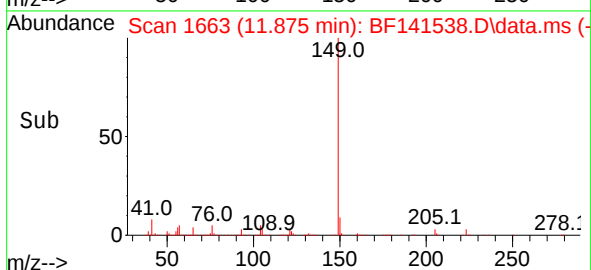
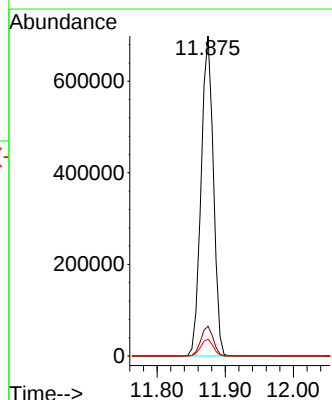
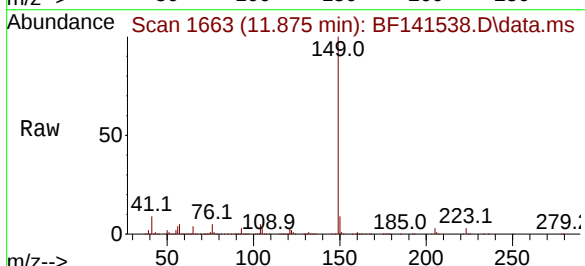
Tgt Ion:149 Resp: 872746

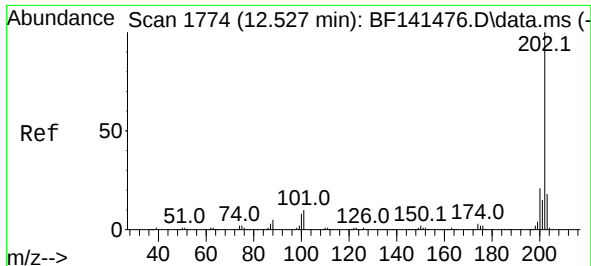
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

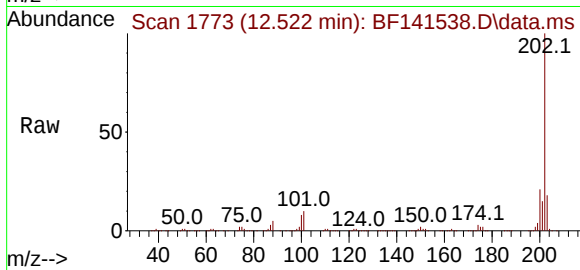
104 5.2 4.2 6.2



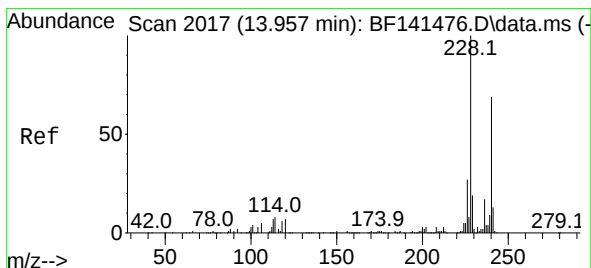
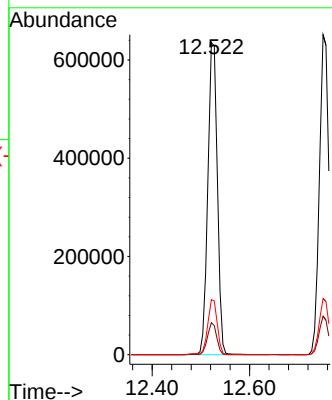


#75
Fluoranthene
Concen: 46.201 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-1MS

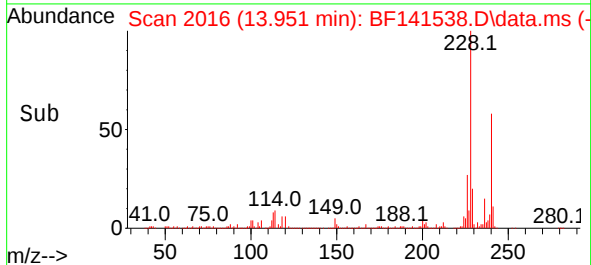
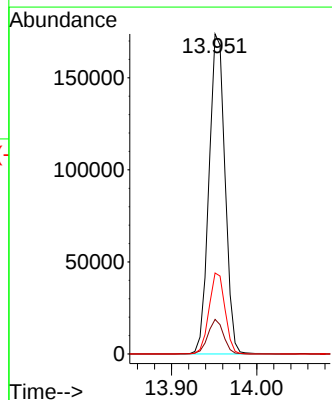
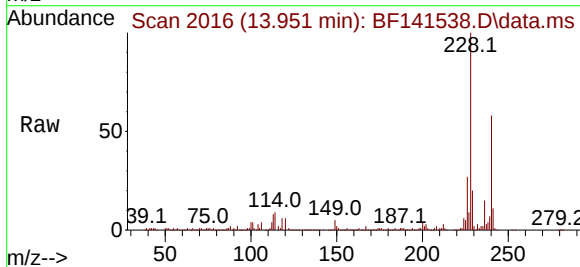


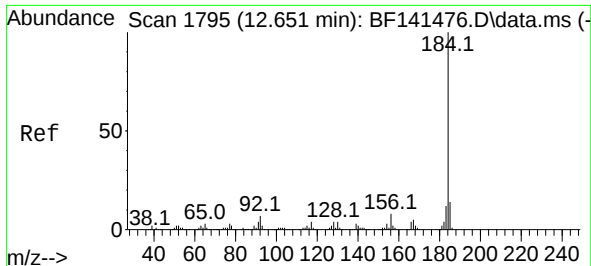
Tgt Ion:202 Resp: 859147
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:240 Resp: 226761
Ion Ratio Lower Upper
240 100
120 10.8 8.0 12.0
236 25.3 19.8 29.8

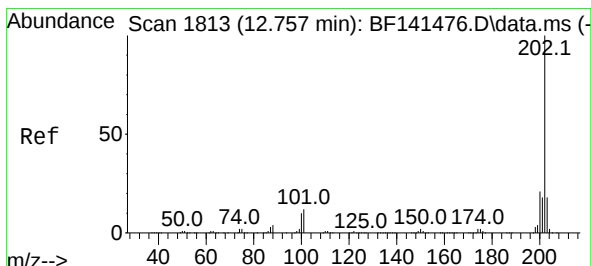
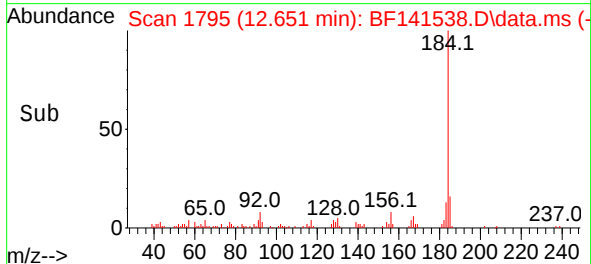
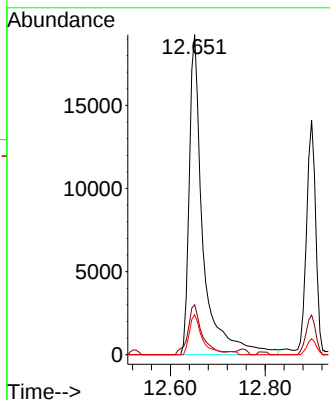
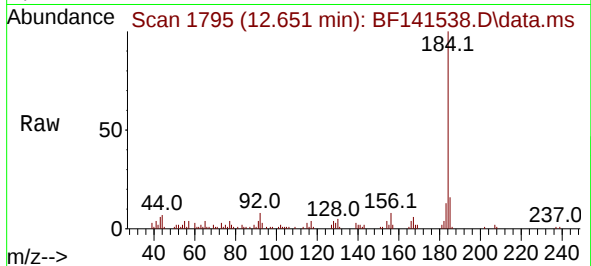




#77
Benzidine
Concen: 7.769 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

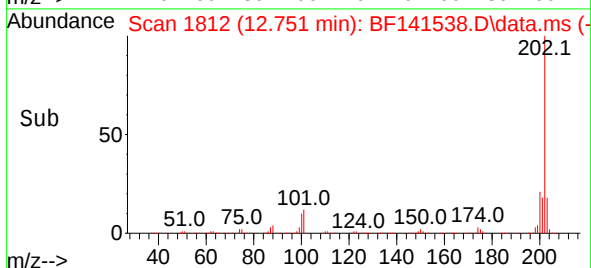
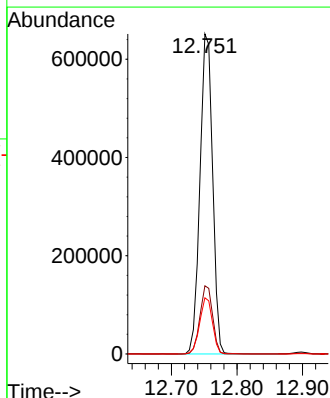
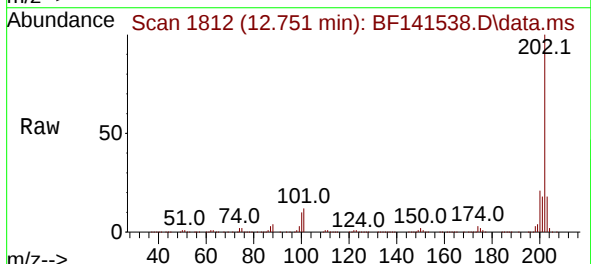
Instrument :
BNA_F
ClientSampleId :
WC-1MS

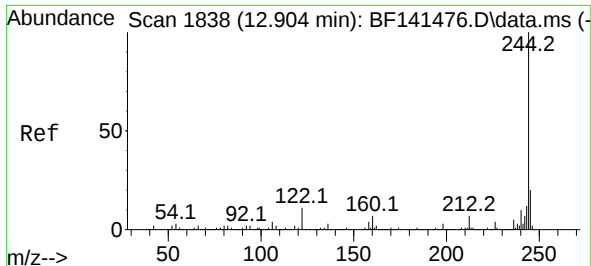
Tgt Ion:184 Resp: 38852
Ion Ratio Lower Upper
184 100
185 15.6 11.3 16.9
183 12.5 9.3 13.9



#78
Pyrene
Concen: 45.437 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:202 Resp: 877101
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.6 14.3 21.5

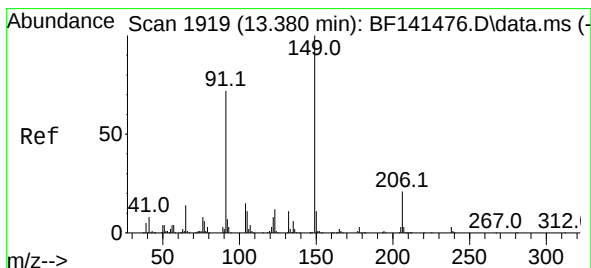
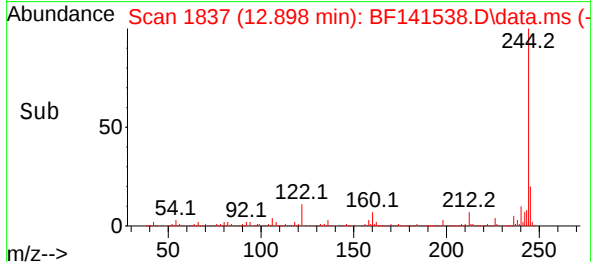
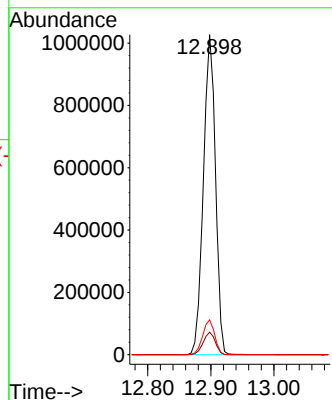
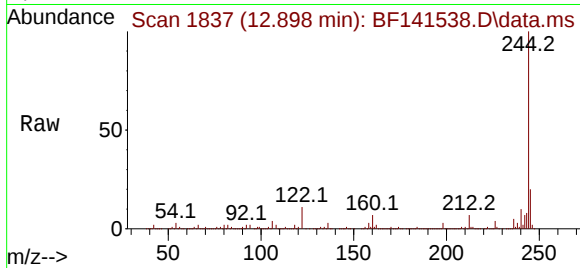




#79
 Terphenyl-d14
 Concen: 101.493 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141538.D
 Acq: 10 Feb 2025 16:49

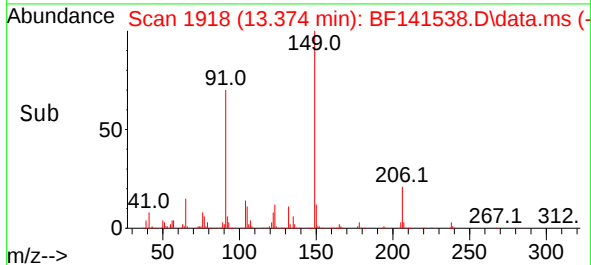
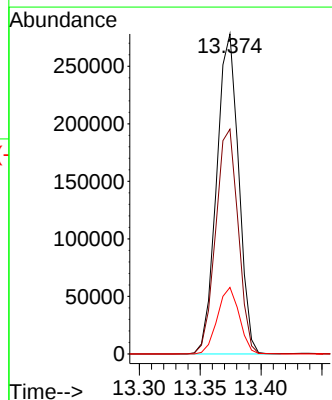
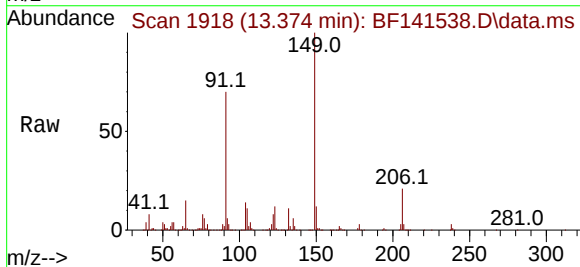
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

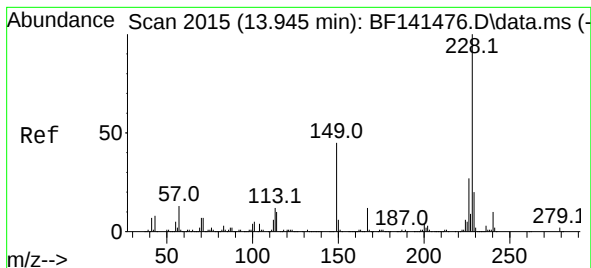
Tgt Ion:244 Resp: 1363290
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.9 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 52.423 ng
 RT: 13.374 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF141538.D
 Acq: 10 Feb 2025 16:49

Tgt Ion:149 Resp: 350512
 Ion Ratio Lower Upper
 149 100
 91 70.2 57.8 86.8
 206 20.8 16.7 25.1





#81

Benzo(a)anthracene

Concen: 46.557 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

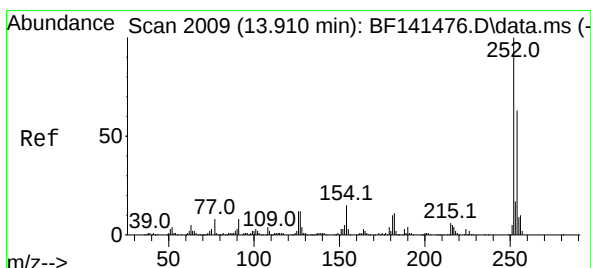
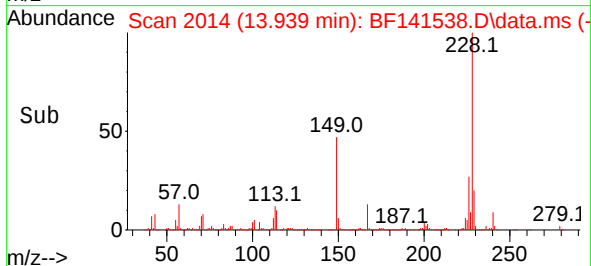
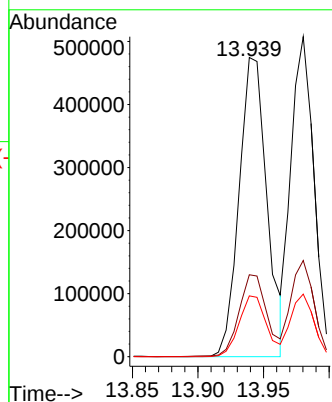
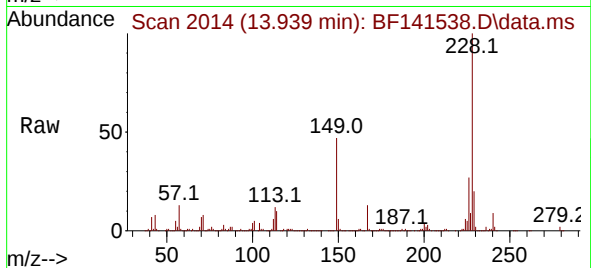
Tgt Ion:228 Resp: 701786

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.3 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 18.459 ng

RT: 13.904 min Scan# 2008

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

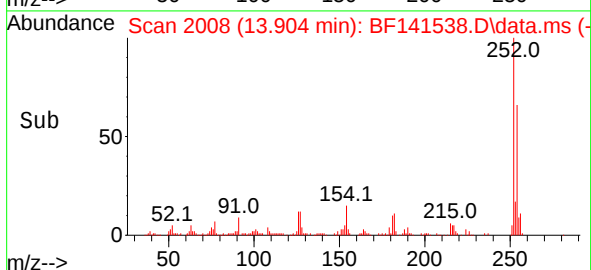
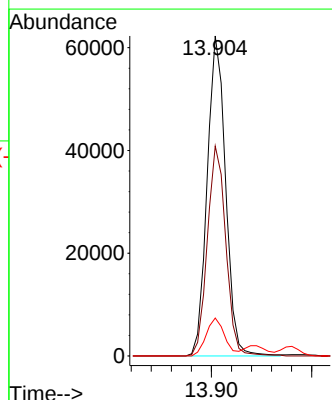
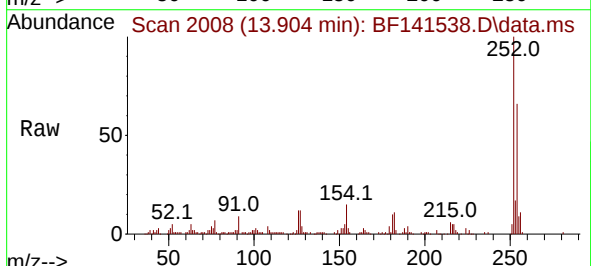
Tgt Ion:252 Resp: 79703

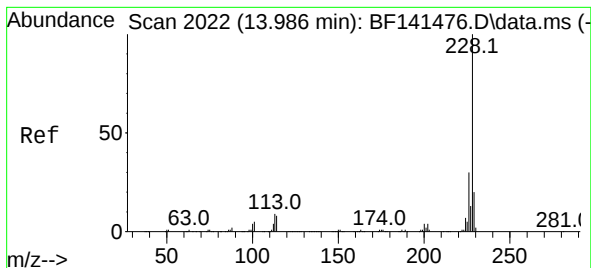
Ion Ratio Lower Upper

252 100

254 65.6 50.6 76.0

126 11.8 9.3 13.9





#83

Chrysene

Concen: 44.185 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

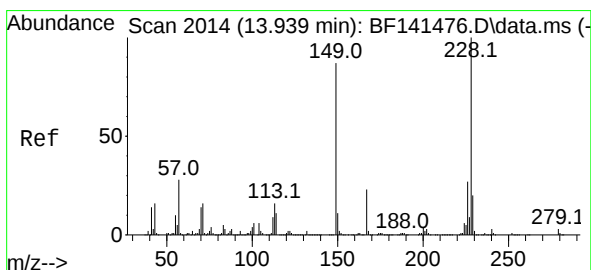
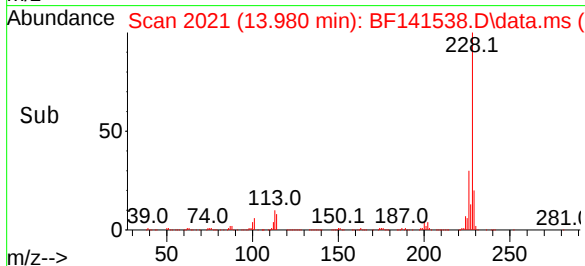
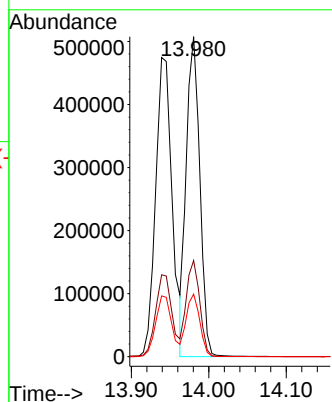
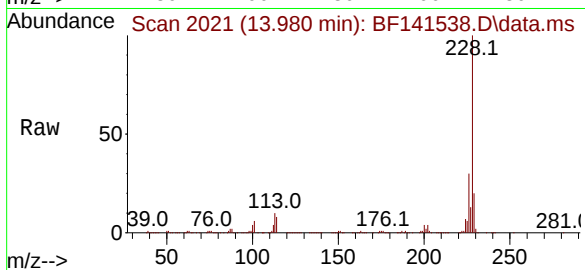
Tgt Ion:228 Resp: 614979

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.833 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

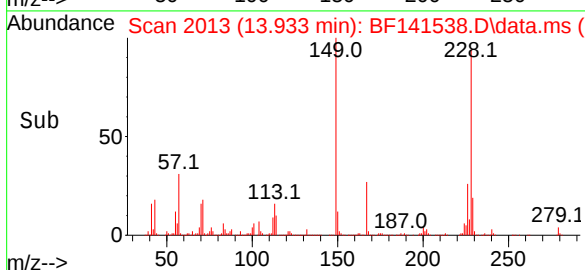
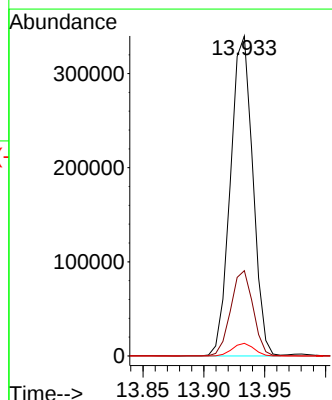
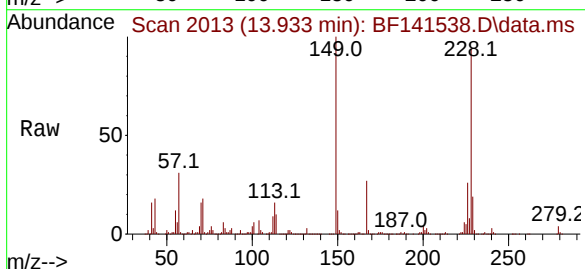
Tgt Ion:149 Resp: 436113

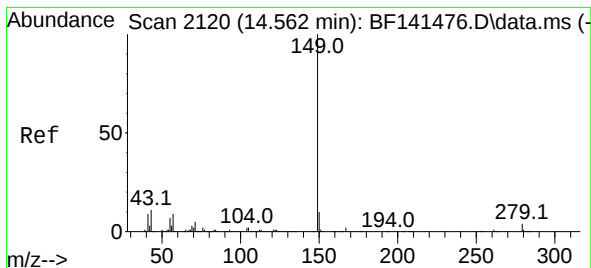
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.095 ng

RT: 14.551 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

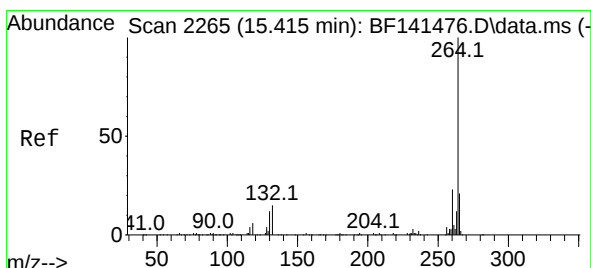
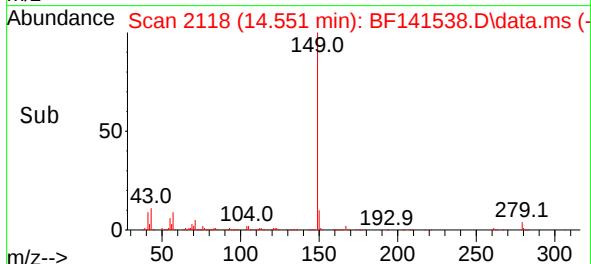
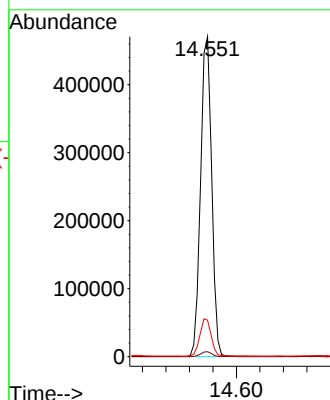
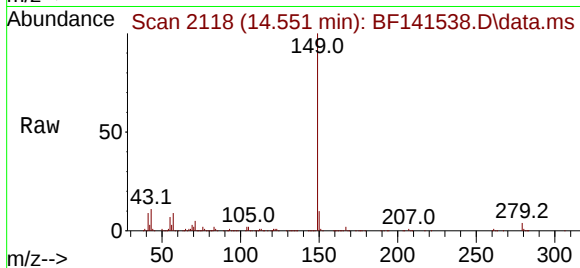
Tgt Ion:149 Resp: 614218

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

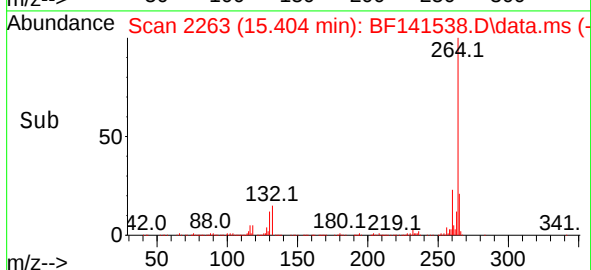
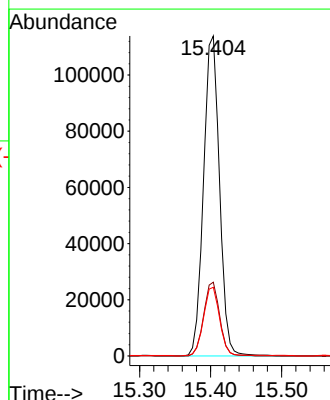
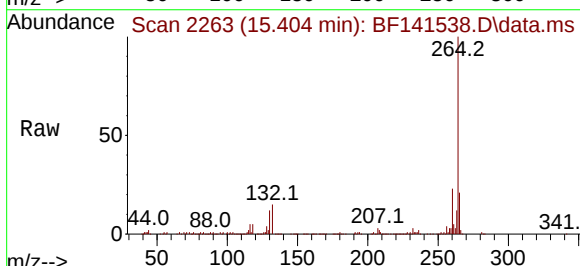
Tgt Ion:264 Resp: 178235

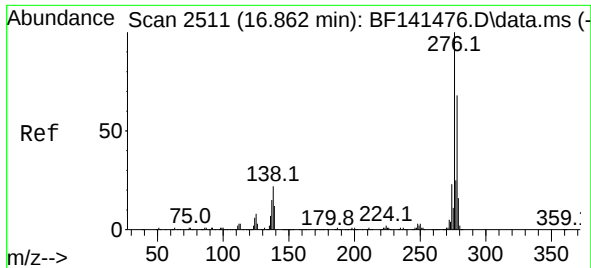
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.5 17.0 25.4

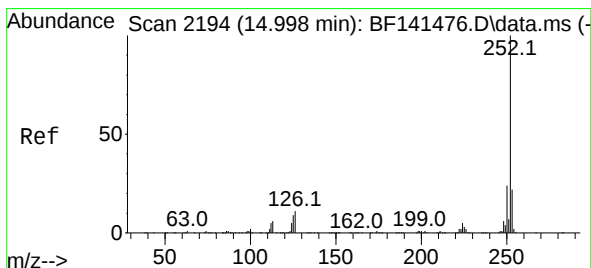
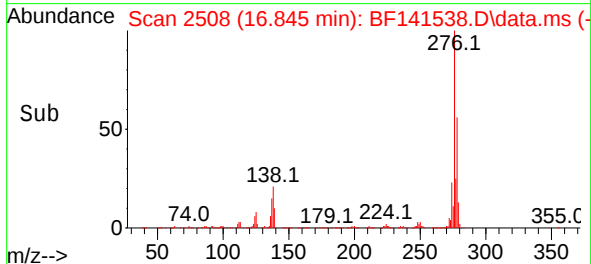
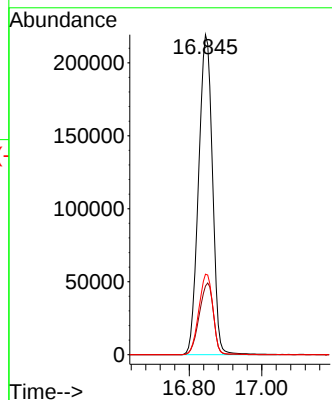
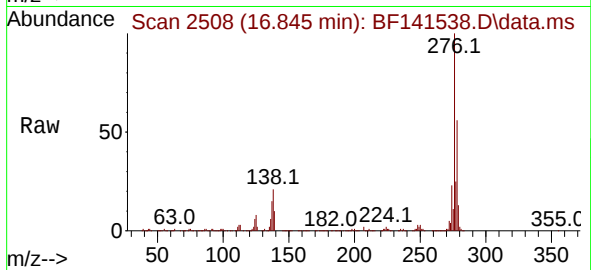




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.770 ng
 RT: 16.845 min Scan# 2508
 Delta R.T. -0.029 min
 Lab File: BF141538.D
 Acq: 10 Feb 2025 16:49

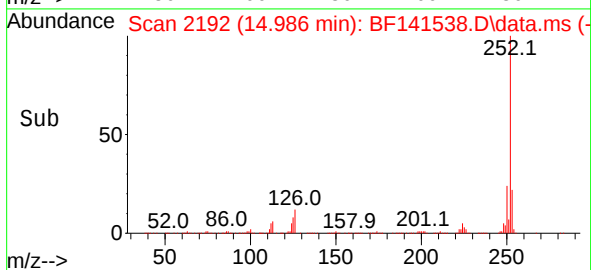
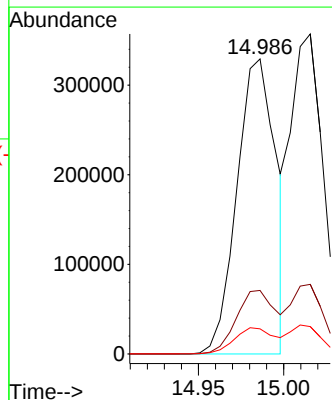
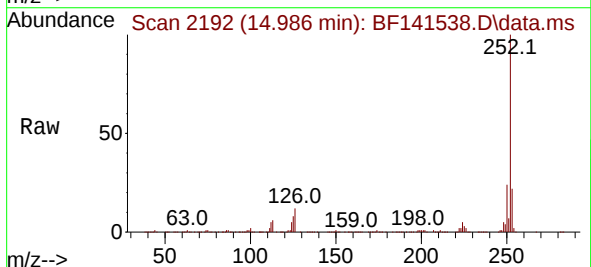
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

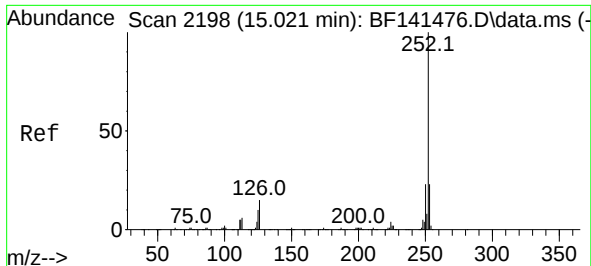
Tgt Ion:276 Resp: 581154
 Ion Ratio Lower Upper
 276 100
 138 22.7 18.0 27.0
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 43.716 ng
 RT: 14.986 min Scan# 2192
 Delta R.T. -0.017 min
 Lab File: BF141538.D
 Acq: 10 Feb 2025 16:49

Tgt Ion:252 Resp: 523174
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.5 26.3
 125 8.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 46.639 ng

RT: 15.016 min Scan# 2198

Delta R.T. -0.017 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

Instrument :

BNA_F

ClientSampleId :

WC-1MS

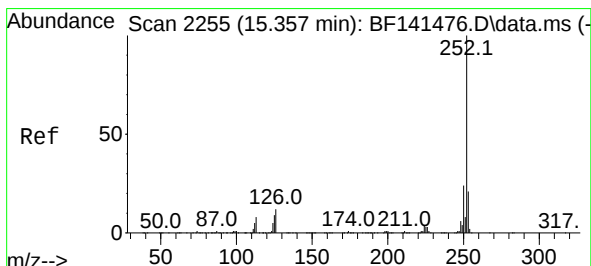
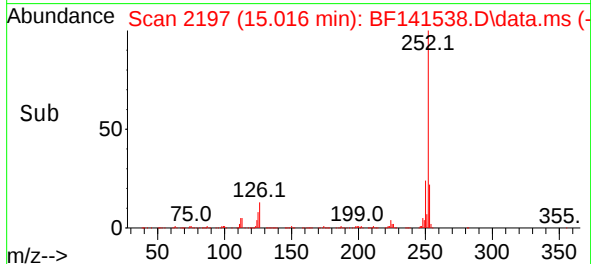
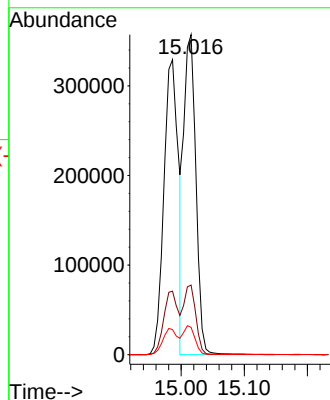
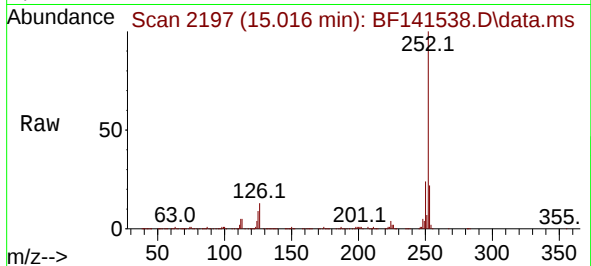
Tgt Ion:252 Resp: 476619

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 8.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 48.325 ng

RT: 15.345 min Scan# 2253

Delta R.T. -0.017 min

Lab File: BF141538.D

Acq: 10 Feb 2025 16:49

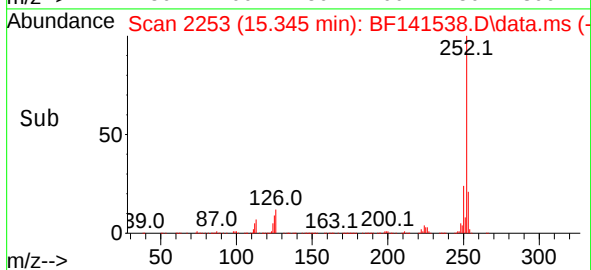
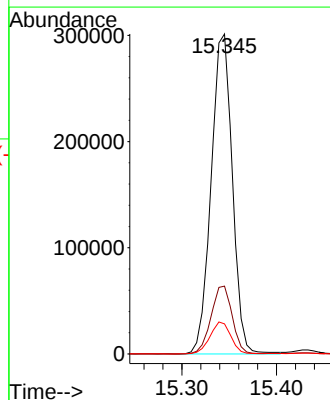
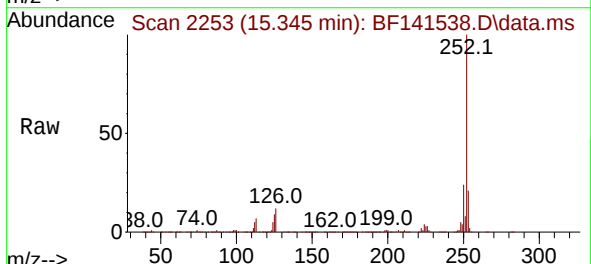
Tgt Ion:252 Resp: 467968

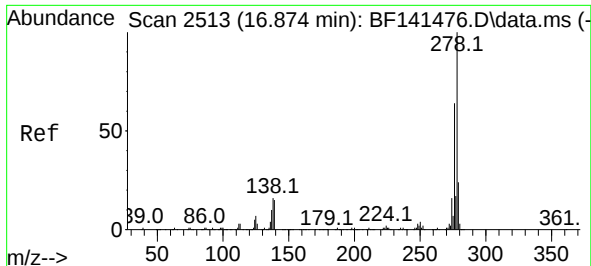
Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 9.4 7.4 11.2

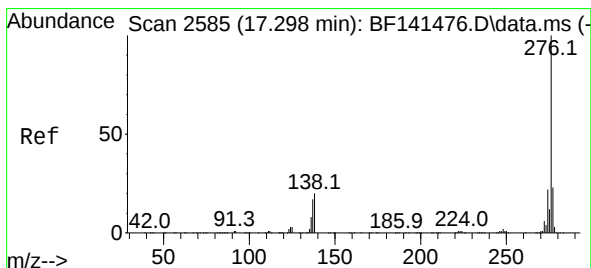
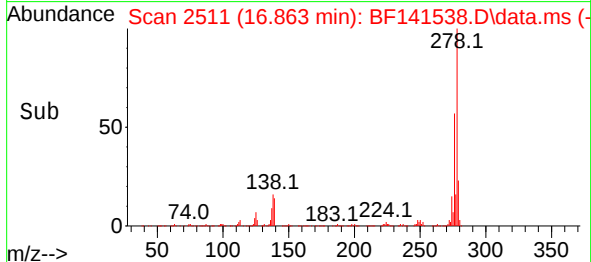
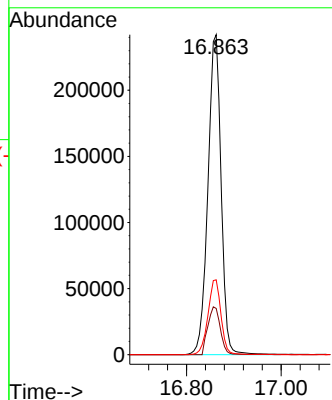
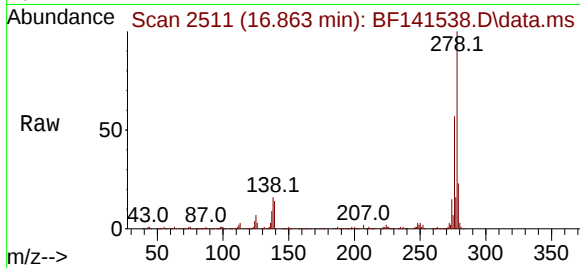




#91
Dibenzo(a,h)anthracene
Concen: 52.430 ng
RT: 16.863 min Scan# 2511
Delta R.T. -0.029 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:278 Resp: 467864
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.6
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.106 ng
RT: 17.280 min Scan# 2582
Delta R.T. -0.035 min
Lab File: BF141538.D
Acq: 10 Feb 2025 16:49

Tgt Ion:276 Resp: 458568
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 19.6 15.9 23.9

