

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141636.D
 Acq On : 14 Feb 2025 13:37
 Operator : RC/JU
 Sample : Q1356-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-WATERMSD

Quant Time: Feb 14 14:03:04 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	84972	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	344114	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	188709	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	320276	20.000	ng	0.00
76) Chrysene-d12	13.957	240	187767	20.000	ng	0.00
86) Perylene-d12	15.433	264	159211	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	720859	132.999	ng	0.00
7) Phenol-d6	6.434	99	823753	120.248	ng	0.00
23) Nitrobenzene-d5	7.351	82	650153	98.545	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	268857	141.827	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1163900	95.022	ng	0.00
79) Terphenyl-d14	12.898	244	1297134	116.623	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	94510	43.325	ng	99
3) Pyridine	3.275	79	129916	25.027	ng	95
4) n-Nitrosodimethylamine	3.228	42	141641	41.208	ng	94
6) Aniline	6.451	93	135885	21.146	ng	# 55
8) 2-Chlorophenol	6.575	128	269765	46.062	ng	99
9) Benzaldehyde	6.334	77	96642	26.547	ng	98
10) Phenol	6.446	94	272696	38.246	ng	88
11) bis(2-Chloroethyl)ether	6.522	93	249365	46.563	ng	100
12) 1,3-Dichlorobenzene	6.728	146	274383	44.378	ng	97
13) 1,4-Dichlorobenzene	6.804	146	281210	44.516	ng	99
14) 1,2-Dichlorobenzene	6.957	146	270371	46.115	ng	98
15) Benzyl Alcohol	6.934	79	221414	42.148	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	401252	43.769	ng	78
17) 2-Methylphenol	7.051	107	203996	44.511	ng	96
18) Hexachloroethane	7.298	117	105061	44.938	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	190325	46.447	ng	96
20) 3+4-Methylphenols	7.204	107	261327	44.867	ng	98
22) Acetophenone	7.198	105	413898	48.352	ng	95
24) Nitrobenzene	7.375	77	288642	44.866	ng	99
25) Isophorone	7.610	82	504925	47.999	ng	99
26) 2-Nitrophenol	7.687	139	143208	44.742	ng	96
27) 2,4-Dimethylphenol	7.728	122	217464	58.159	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	308243	45.728	ng	100
29) 2,4-Dichlorophenol	7.934	162	229425	45.412	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	242498	44.078	ng	99
31) Naphthalene	8.092	128	778564	43.465	ng	100
32) Benzoic acid	7.863	122	132353	34.078	ng	97
33) 4-Chloroaniline	8.151	127	47445	7.586	ng	97
34) Hexachlorobutadiene	8.204	225	148293	44.899	ng	99
35) Caprolactam	8.557	113	19867	12.916	ng	90
36) 4-Chloro-3-methylphenol	8.640	107	246482	44.044	ng	100
37) 2-Methylnaphthalene	8.781	142	498009	42.725	ng	99
38) 1-Methylnaphthalene	8.881	142	484567	42.922	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	267826	49.056	ng	98
41) Hexachlorocyclopentadiene	8.934	237	267751	147.448	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	161389	45.737	ng	99

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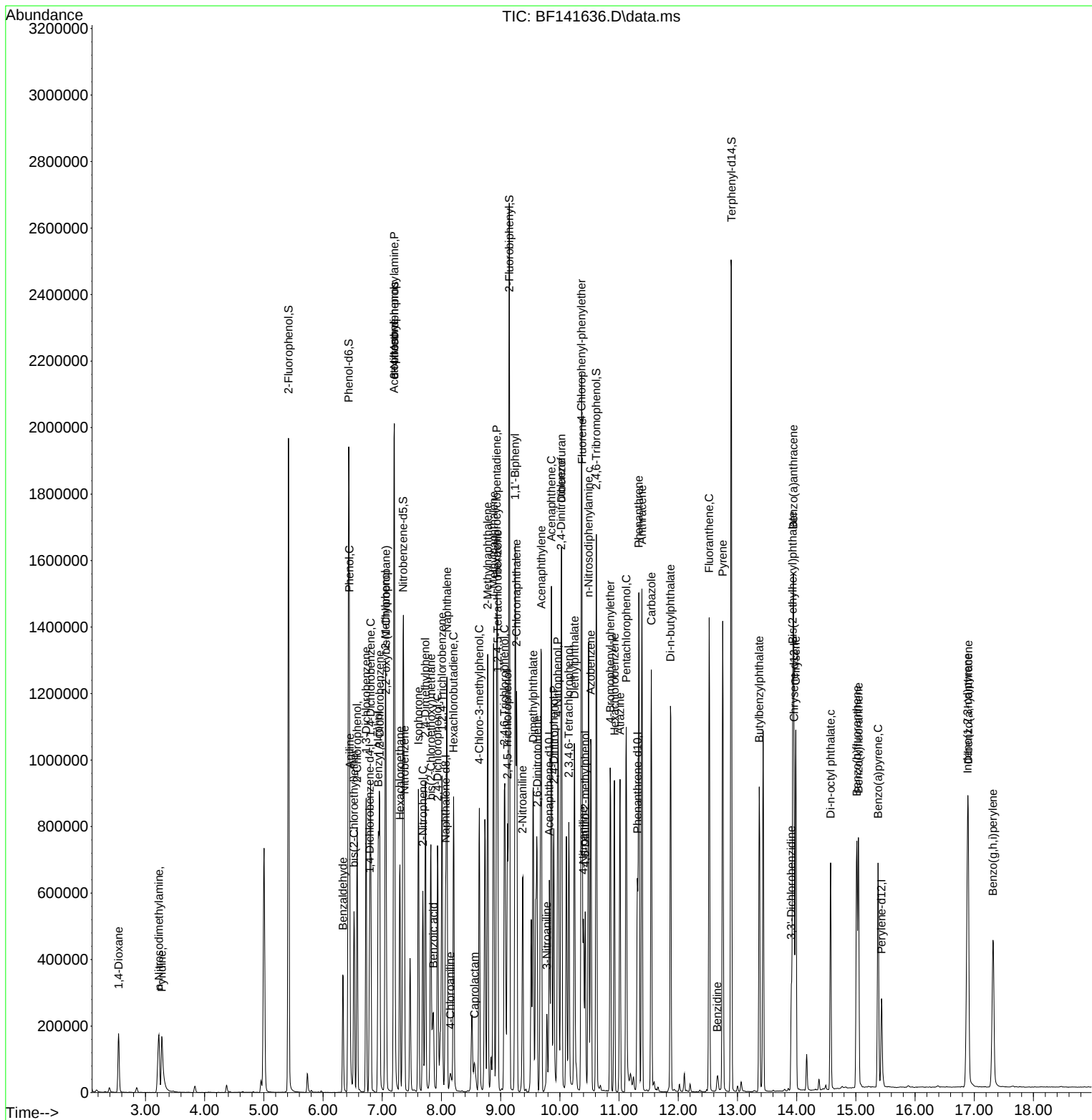
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	169569	44.341	ng	98
46) 1,1'-Biphenyl	9.245	154	720778	49.266	ng	99
47) 2-Chloronaphthalene	9.269	162	492631	45.535	ng	99
48) 2-Nitroaniline	9.369	65	159276	43.869	ng	99
49) Acenaphthylene	9.687	152	757692	47.086	ng	99
50) Dimethylphthalate	9.551	163	587334	45.846	ng	100
51) 2,6-Dinitrotoluene	9.616	165	129736	46.325	ng	96
52) Acenaphthene	9.857	154	477895	44.175	ng	100
53) 3-Nitroaniline	9.781	138	52673	17.475	ng	97
54) 2,4-Dinitrophenol	9.898	184	161892	97.264	ng	92
55) Dibenzofuran	10.028	168	684122	43.083	ng	100
56) 4-Nitrophenol	9.963	139	173490	77.535	ng	97
57) 2,4-Dinitrotoluene	10.022	165	175435	47.056	ng	98
58) Fluorene	10.375	166	546127	44.481	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	143768	43.667	ng	97
60) Diethylphthalate	10.245	149	557799	44.254	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	262210	44.392	ng	99
62) 4-Nitroaniline	10.398	138	123974	40.505	ng	97
63) Azobenzene	10.522	77	536984	42.854	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	102555	46.096	ng	97
66) n-Nitrosodiphenylamine	10.486	169	472341	46.072	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	162515	45.402	ng	94
68) Hexachlorobenzene	10.922	284	174584	47.365	ng	99
69) Atrazine	11.016	200	165172	53.702	ng	98
70) Pentachlorophenol	11.122	266	188251	79.874	ng	99
71) Phenanthrene	11.333	178	817975	46.397	ng	100
72) Anthracene	11.386	178	835984	47.172	ng	100
73) Carbazole	11.545	167	727521	45.623	ng	100
74) Di-n-butylphthalate	11.869	149	839845	45.613	ng	100
75) Fluoranthene	12.522	202	820316	43.888	ng	100
77) Benzidine	12.657	184	32906	7.946	ng	98
78) Pyrene	12.751	202	831249	52.005	ng	99
80) Butylbenzylphthalate	13.369	149	291462	52.645	ng	100
81) Benzo(a)anthracene	13.945	228	603503	48.352	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	100379	28.075	ng	99
83) Chrysene	13.986	228	525534	45.600	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	325174	52.076	ng	100
85) Di-n-octyl phthalate	14.574	149	450683	50.594	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	549103	55.817	ng	99
88) Benzo(b)fluoranthene	15.016	252	456328	42.686	ng	99
89) Benzo(k)fluoranthene	15.045	252	431507	47.270	ng	98
90) Benzo(a)pyrene	15.374	252	423546	48.964	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	445100	55.839	ng	99
92) Benzo(g,h,i)perylene	17.315	276	434697	52.112	ng	99

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

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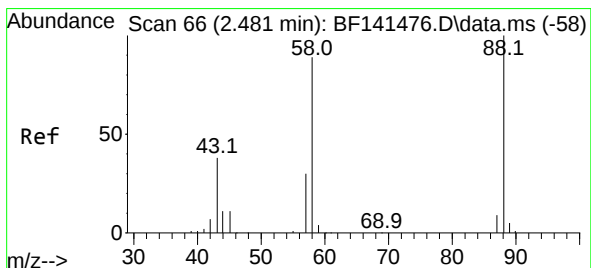
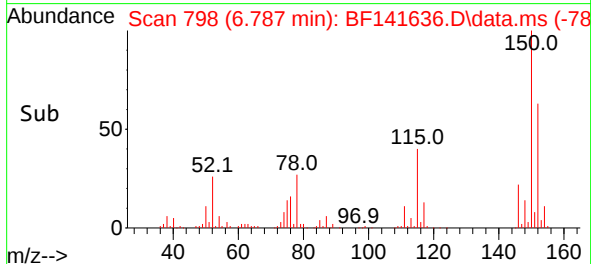
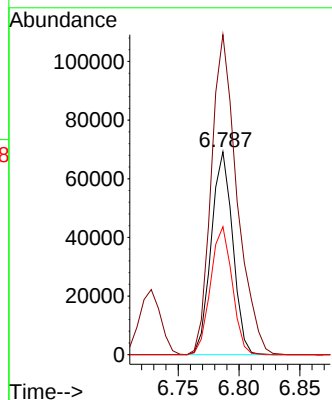
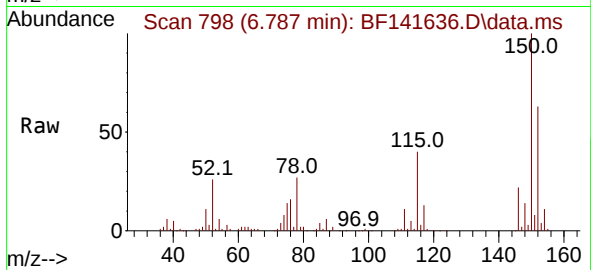




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37

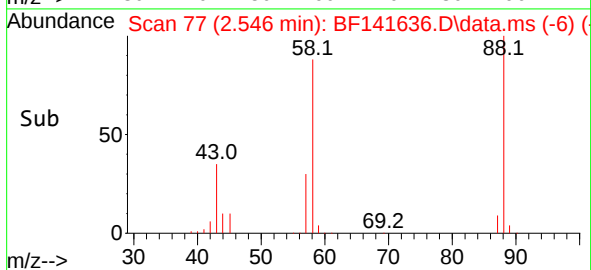
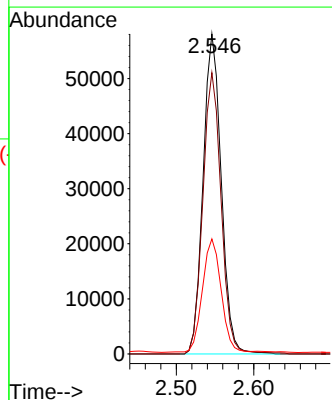
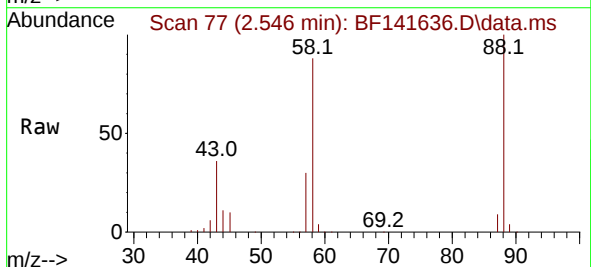
Instrument :
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 CARBON-WATERMSD

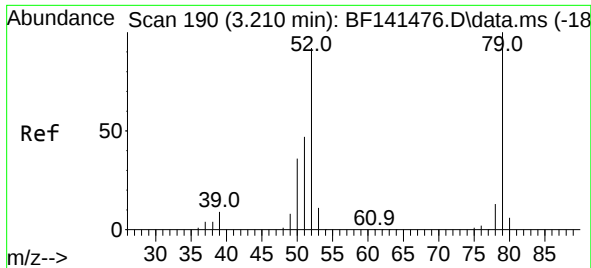
Tgt Ion:152 Resp: 84972
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.0 187.4
 115 63.0 53.6 80.4



#2
 1,4-Dioxane
 Concen: 43.325 ng
 RT: 2.546 min Scan# 77
 Delta R.T. 0.065 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37

Tgt Ion: 88 Resp: 94510
 Ion Ratio Lower Upper
 88 100
 58 88.7 71.1 106.7
 43 36.5 30.6 46.0





#3

Pyridine

Concen: 25.027 ng

RT: 3.275 min Scan# 20

Delta R.T. 0.059 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

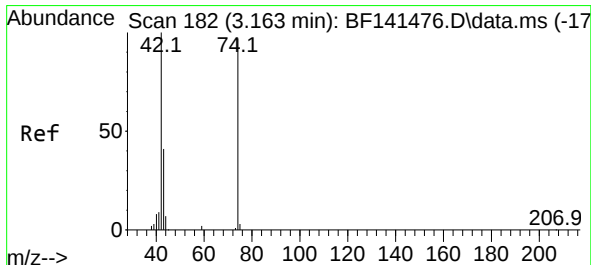
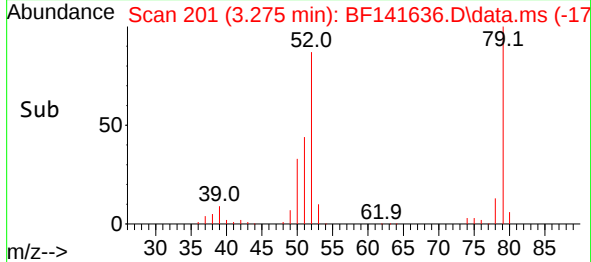
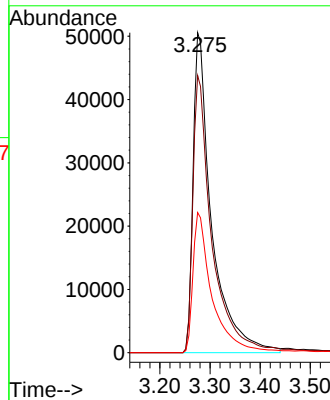
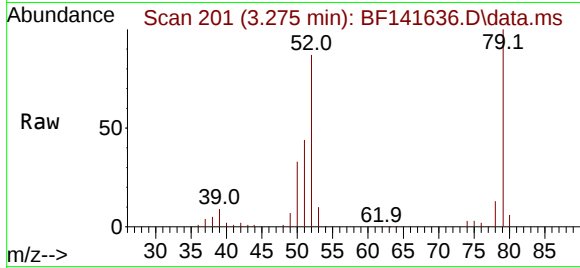
Tgt Ion: 79 Resp: 129916

Ion Ratio Lower Upper

79 100

52 86.6 73.7 110.5

51 43.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.208 ng

RT: 3.228 min Scan# 193

Delta R.T. 0.041 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

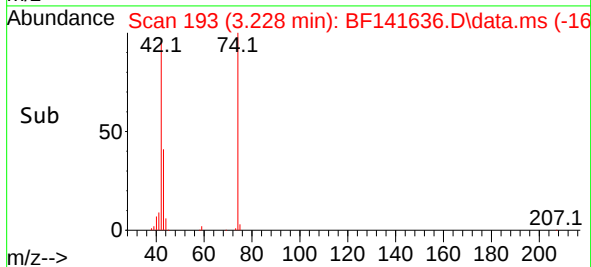
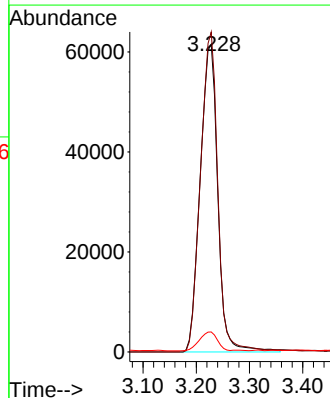
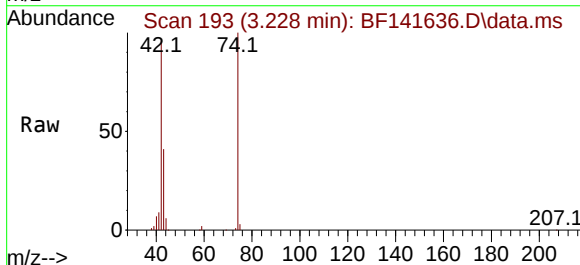
Tgt Ion: 42 Resp: 141641

Ion Ratio Lower Upper

42 100

74 104.0 78.0 117.0

44 6.5 5.4 8.2

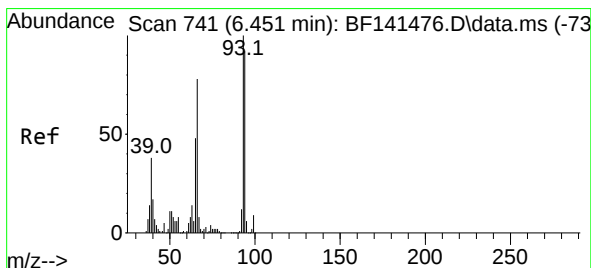
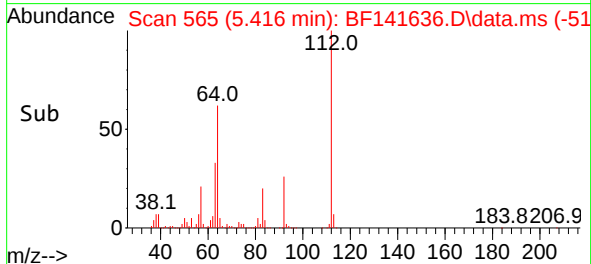
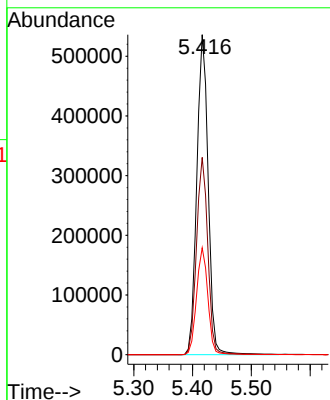
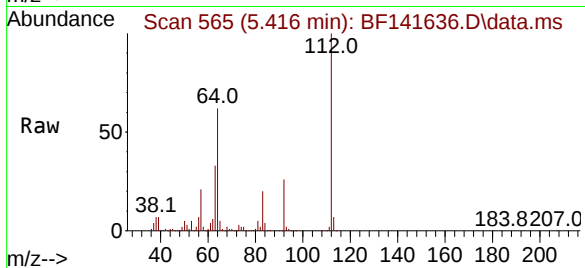




#5
2-Fluorophenol
Concen: 132.999 ng
RT: 5.416 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

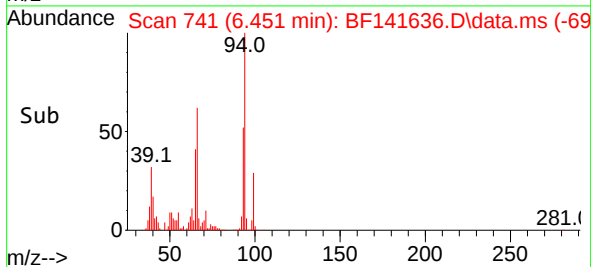
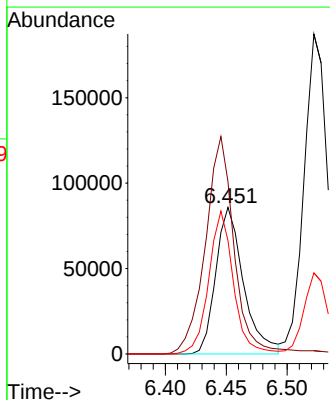
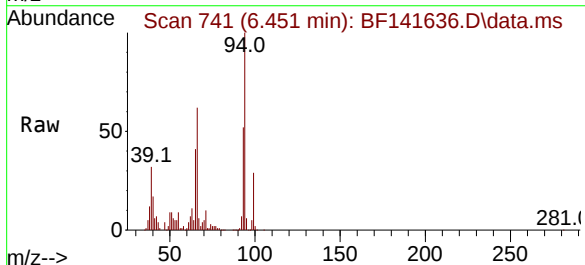
Instrument :
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ClientSampleId :
CARBON-WATERMSD

Tgt Ion:112 Resp: 720859
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 33.4 28.4 42.6



#6
Aniline
Concen: 21.146 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion: 93 Resp: 135885
Ion Ratio Lower Upper
93 100
66 117.7 62.6 94.0#
65 77.4 38.3 57.5#





#7

Phenol-d6

Concen: 120.248 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

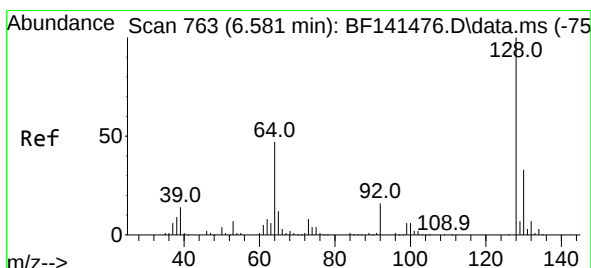
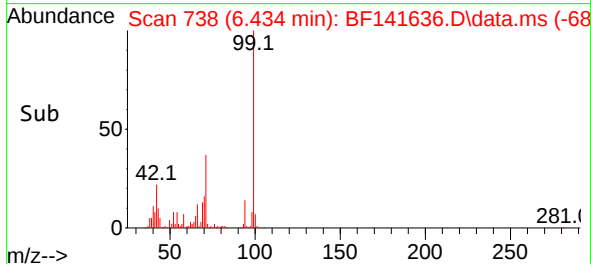
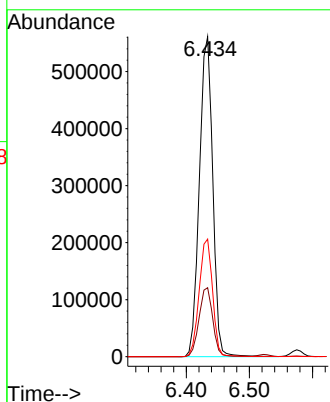
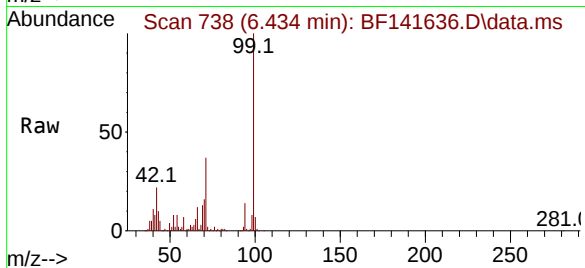
Tgt Ion: 99 Resp: 823753

Ion Ratio Lower Upper

99 100

42 21.6 19.1 28.7

71 36.7 31.1 46.7



#8

2-Chlorophenol

Concen: 46.062 ng

RT: 6.575 min Scan# 762

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

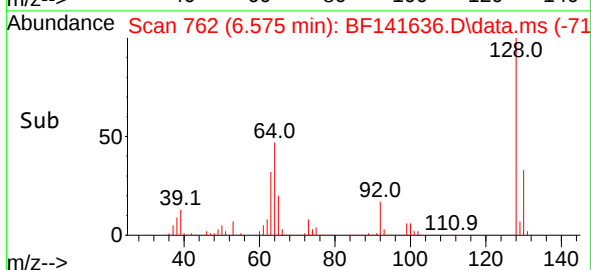
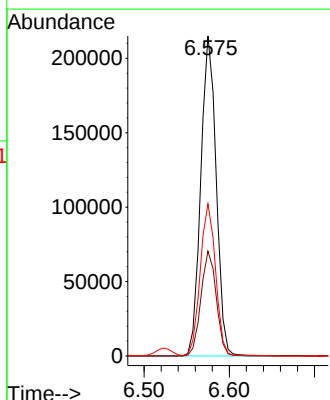
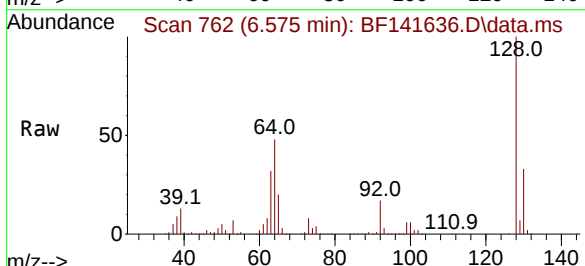
Tgt Ion: 128 Resp: 269765

Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 47.5 28.3 68.3

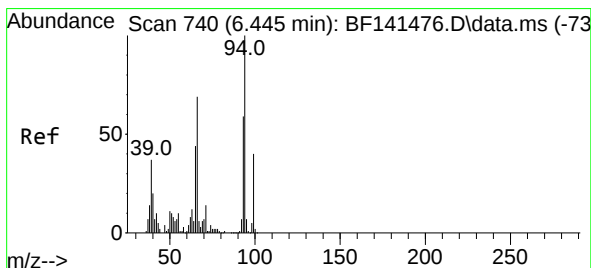
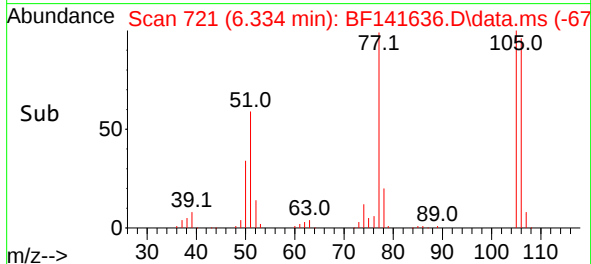
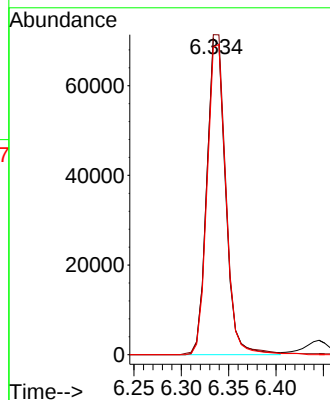
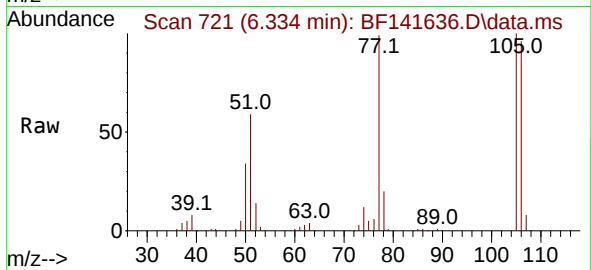




#9
Benzaldehyde
Concen: 26.547 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

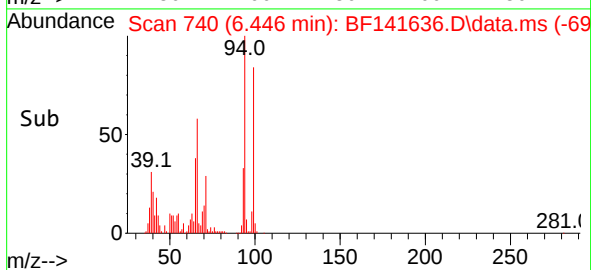
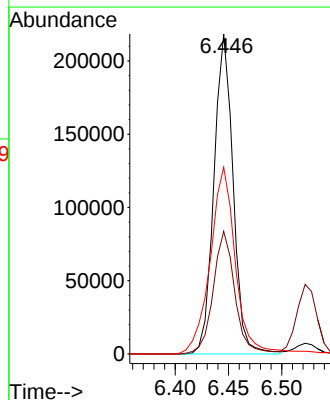
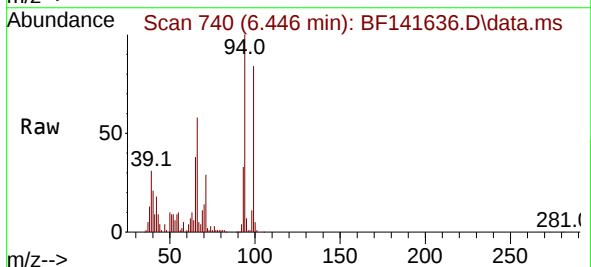
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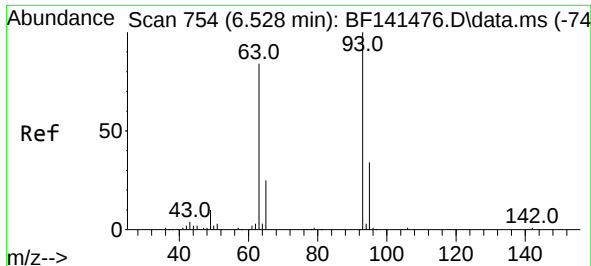
Tgt Ion: 77 Resp: 96642
Ion Ratio Lower Upper
77 100
105 101.3 79.4 119.4
106 97.3 75.1 115.1



#10
Phenol
Concen: 38.246 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion: 94 Resp: 272696
Ion Ratio Lower Upper
94 100
65 38.3 23.7 63.7
66 58.3 49.3 89.3

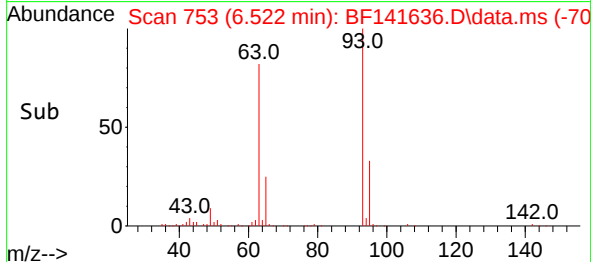
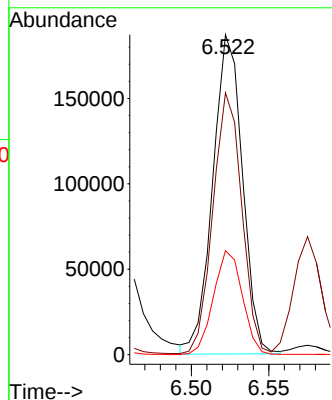
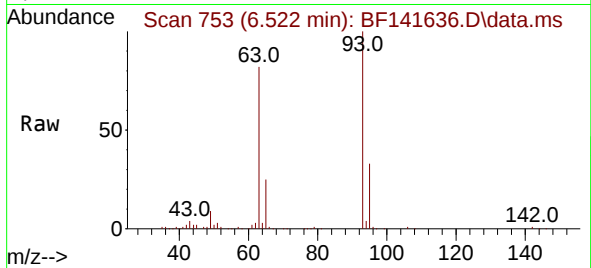




#11
bis(2-Chloroethyl)ether
Concen: 46.563 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

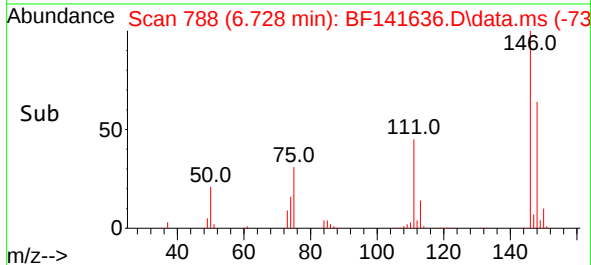
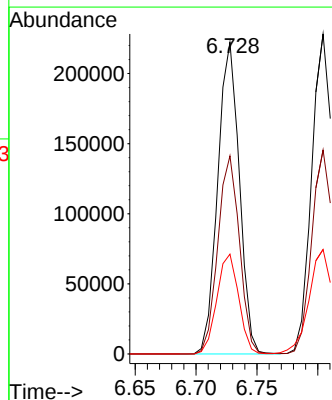
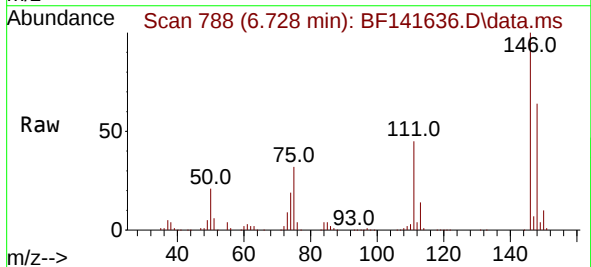
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion: 93 Resp: 249365
Ion Ratio Lower Upper
93 100
63 81.9 62.0 102.0
95 32.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.378 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:146 Resp: 274383
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 32.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 44.516 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

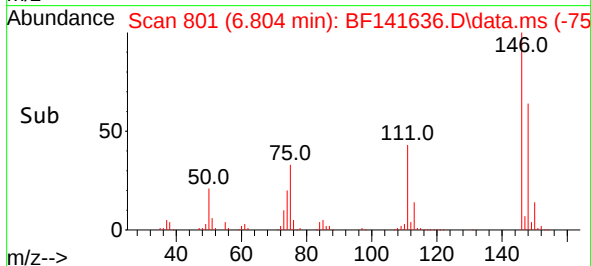
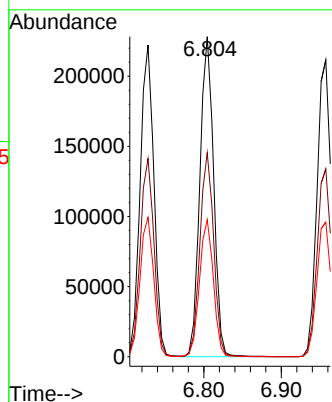
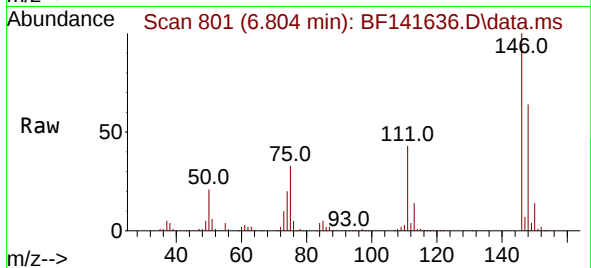
Tgt Ion:146 Resp: 281210

Ion Ratio Lower Upper

146 100

148 63.7 50.9 76.3

111 42.8 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.115 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

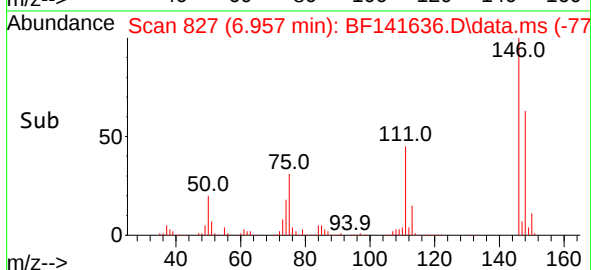
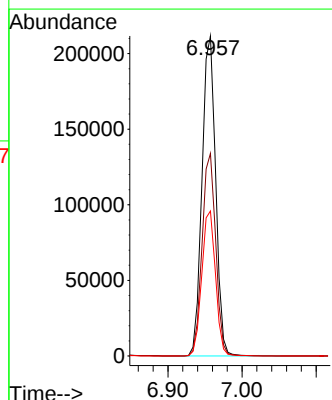
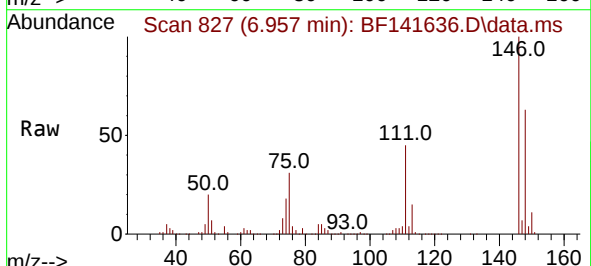
Tgt Ion:146 Resp: 270371

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

111 45.3 37.0 55.4

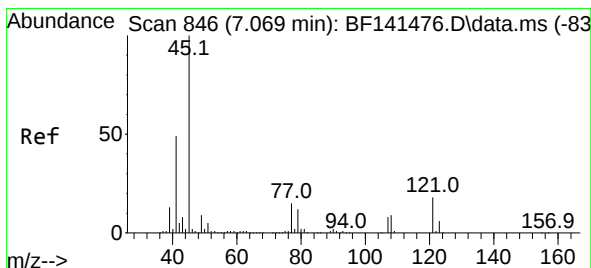
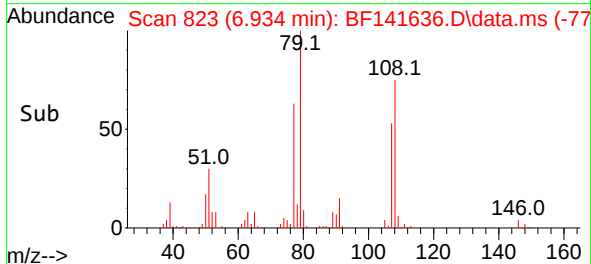
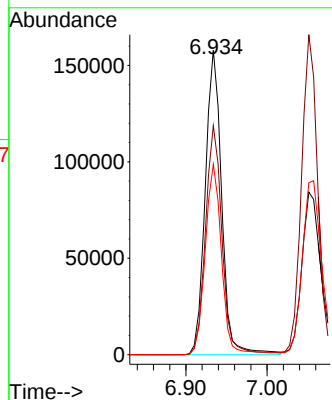
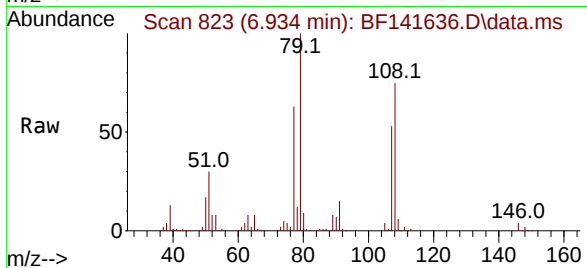




#15
Benzyl Alcohol
Concen: 42.148 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

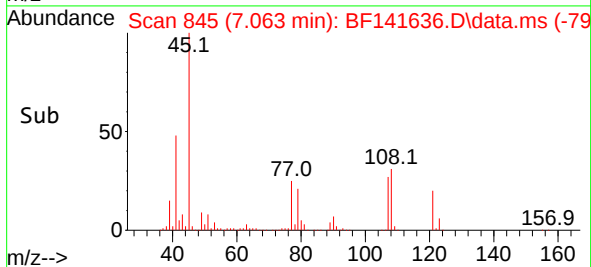
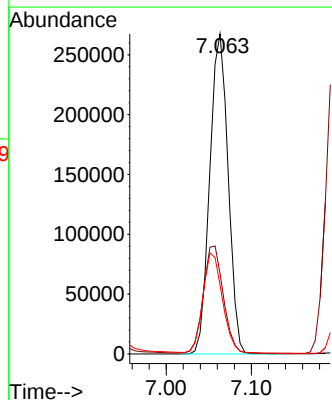
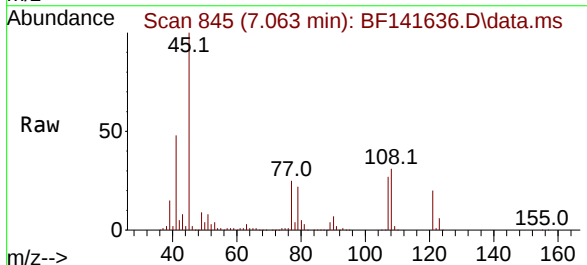
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

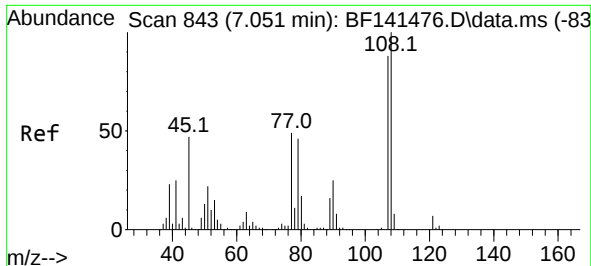
Tgt Ion: 79 Resp: 221414
Ion Ratio Lower Upper
79 100
108 75.2 57.4 86.2
77 62.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.769 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion: 45 Resp: 401252
Ion Ratio Lower Upper
45 100
77 25.1 0.0 35.8
79 21.5 0.0 32.7

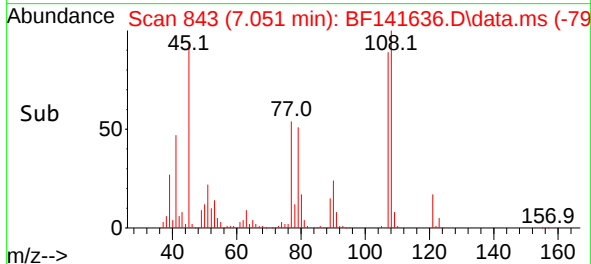
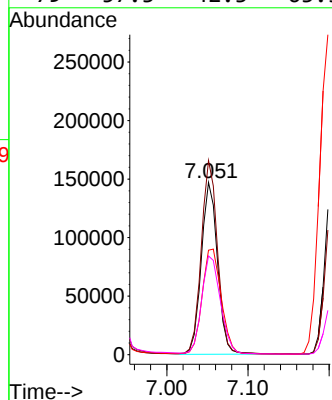
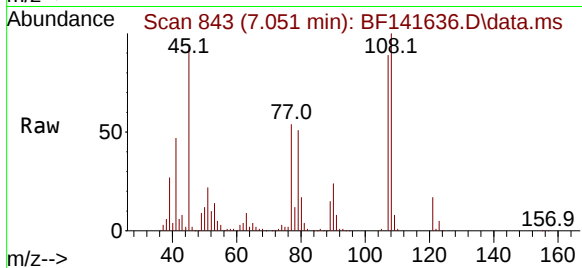




#17
2-Methylphenol
Concen: 44.511 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

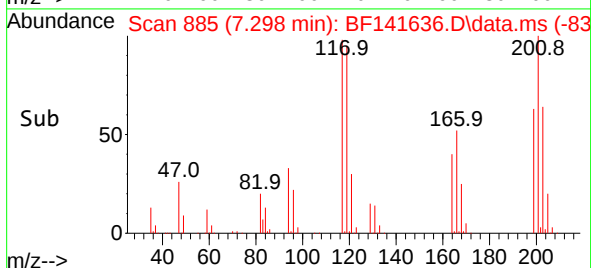
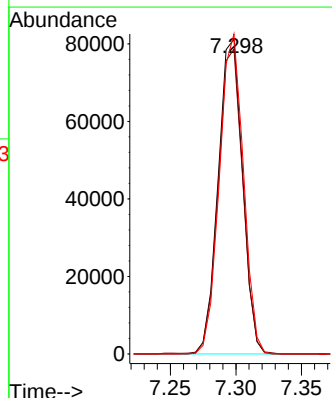
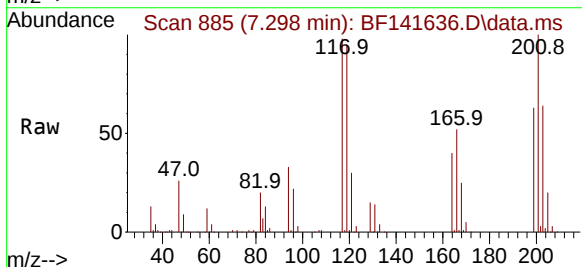
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion:107	Resp: 203996
Ion Ratio	Lower Upper
107	100
108	112.8 90.6 136.0
77	60.6 44.4 66.6
79	57.3 42.3 63.5



#18
Hexachloroethane
Concen: 44.938 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:117	Resp: 105061
Ion Ratio	Lower Upper
117	100
119	96.9 76.5 114.7
201	101.7 76.7 115.1



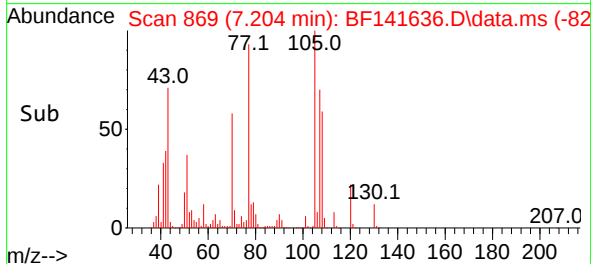
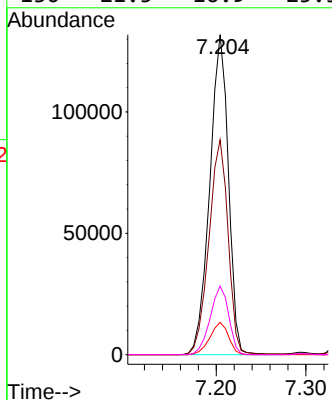
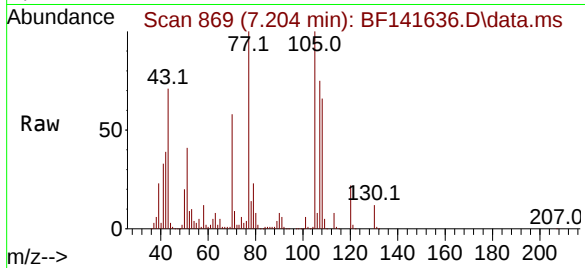


#19
n-Nitroso-di-n-propylamine
Concen: 46.447 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion: 70 Resp: 190325

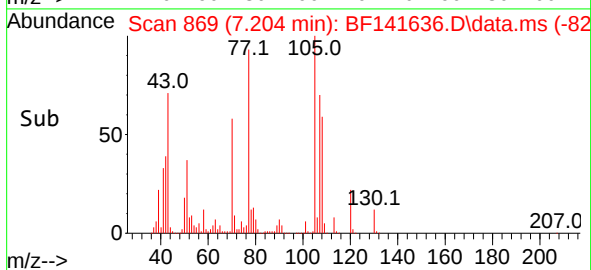
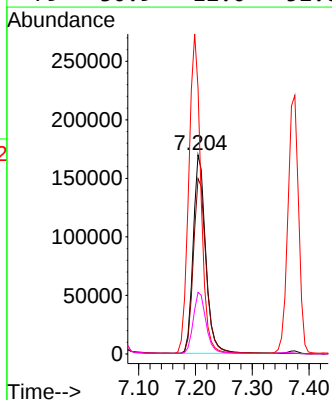
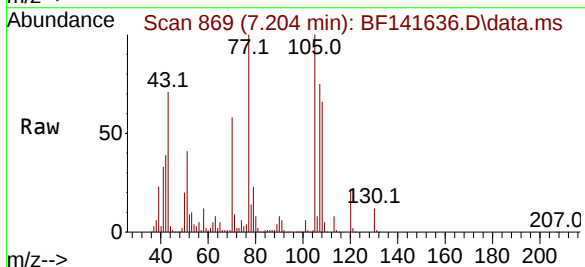
Ion	Ratio	Lower	Upper
70	100		
42	67.1	57.4	86.2
101	10.1	8.0	12.0
130	21.5	16.9	25.3

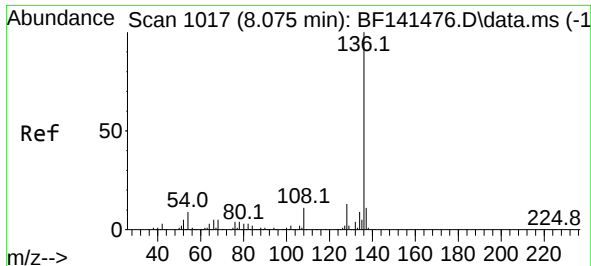


#20
3+4-Methylphenols
Concen: 44.867 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion: 107 Resp: 261327

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.5	108.5
77	133.5	116.5	156.5
79	30.9	12.0	52.0

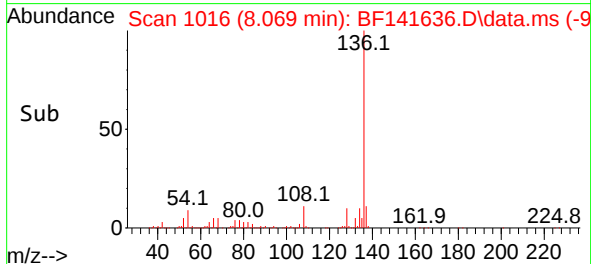
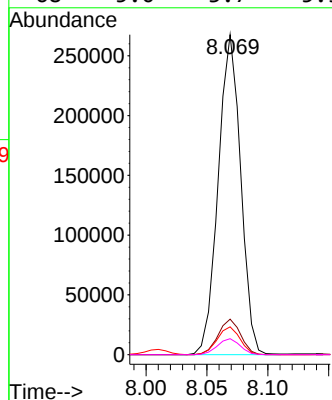
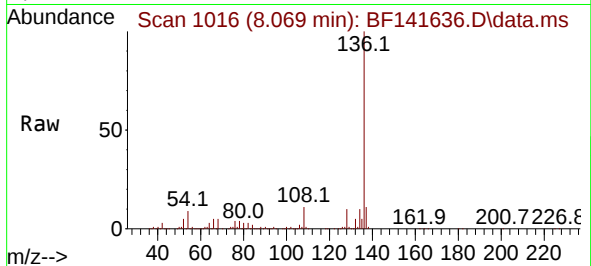




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

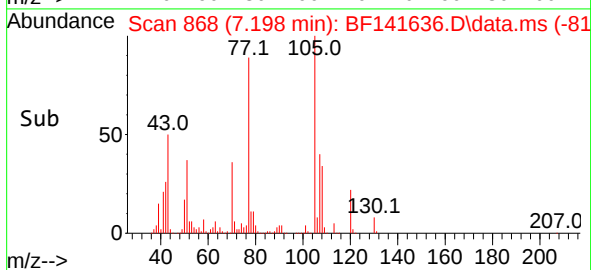
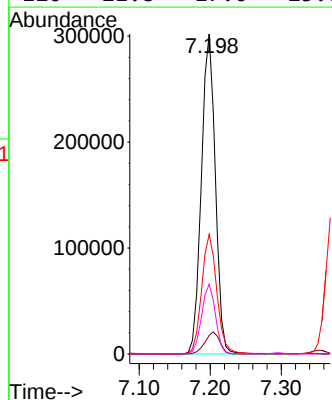
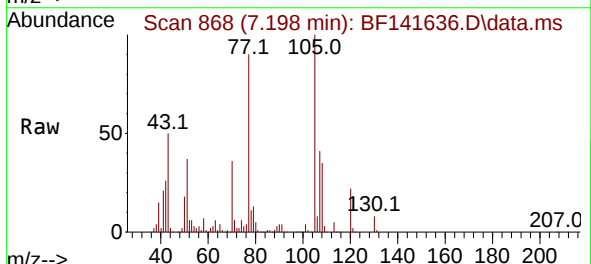
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion:136	Resp: 344114
Ion Ratio	Lower Upper
136	100
137	11.1 8.6 13.0
54	8.7 7.2 10.8
68	5.0 3.7 5.5



#22
Acetophenone
Concen: 48.352 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:105	Resp: 413898
Ion Ratio	Lower Upper
105	100
71	5.8 5.7 8.5
51	37.4 33.7 50.5
120	21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 98.545 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

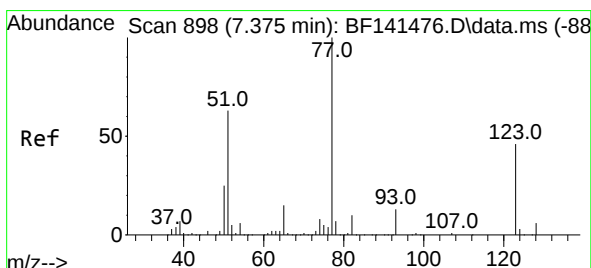
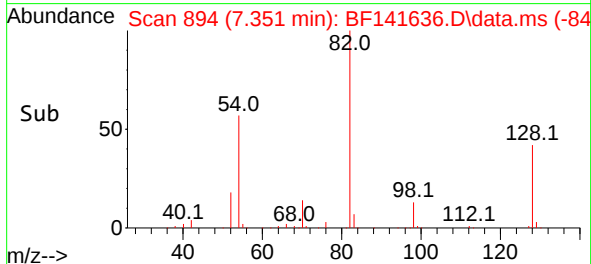
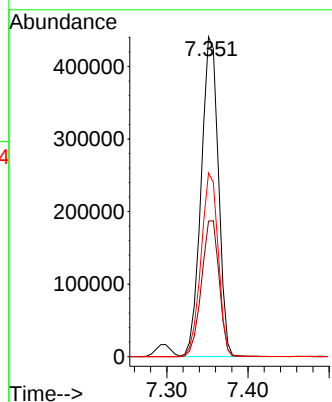
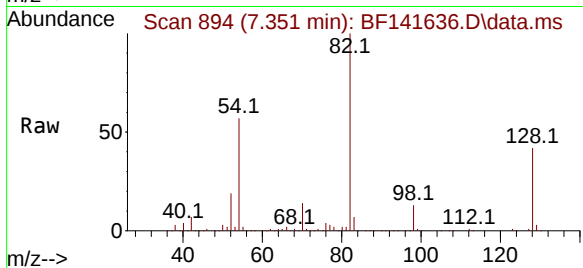
Tgt Ion: 82 Resp: 650153

Ion Ratio Lower Upper

82 100

128 42.4 34.8 52.2

54 57.4 48.2 72.4



#24

Nitrobenzene

Concen: 44.866 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

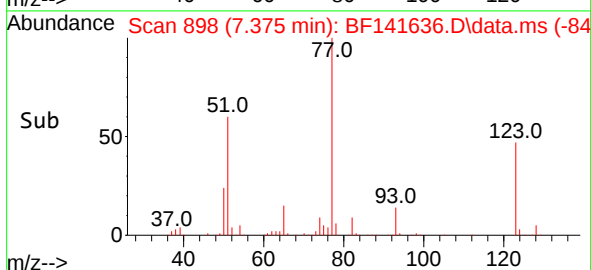
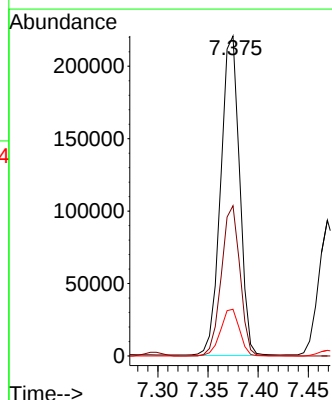
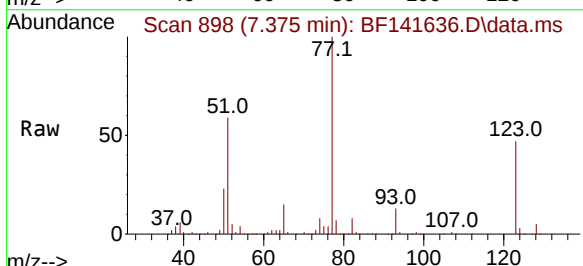
Tgt Ion: 77 Resp: 288642

Ion Ratio Lower Upper

77 100

123 47.0 36.9 55.3

65 14.6 11.9 17.9

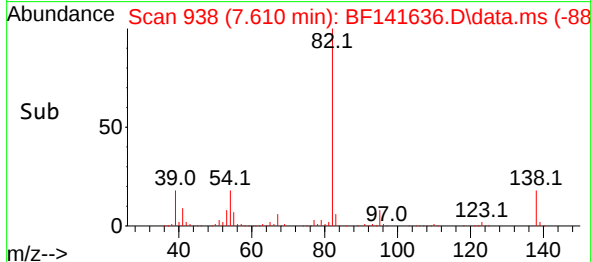
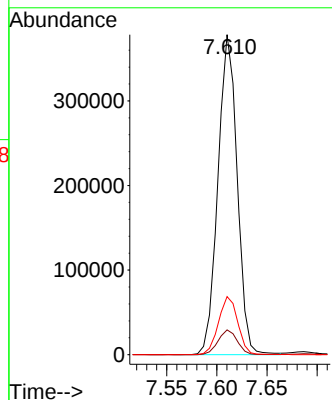
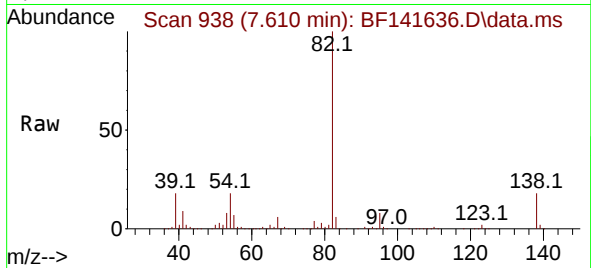




#25
Isophorone
Concen: 47.999 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

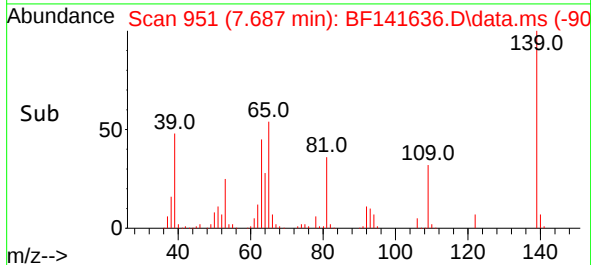
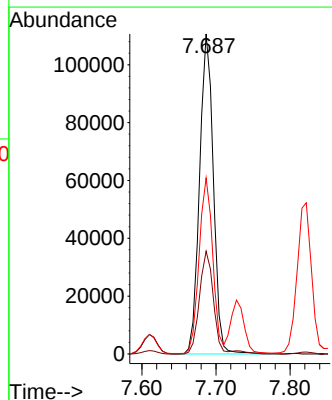
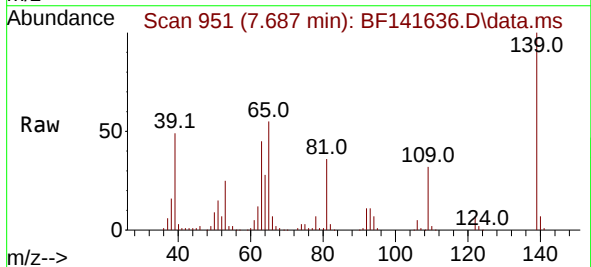
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion: 82 Resp: 504925
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 44.742 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:139 Resp: 143208
Ion Ratio Lower Upper
139 100
109 32.1 27.0 40.6
65 55.0 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 58.159 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141636.D

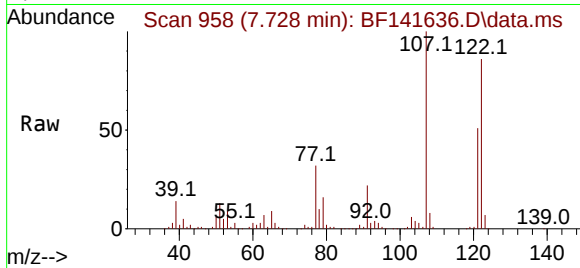
Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD



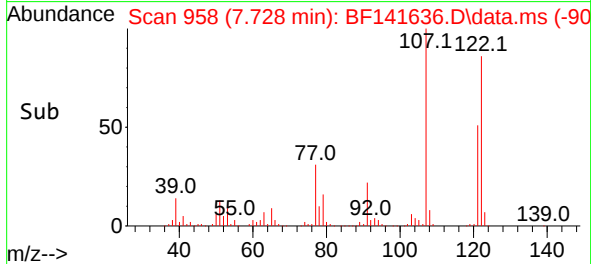
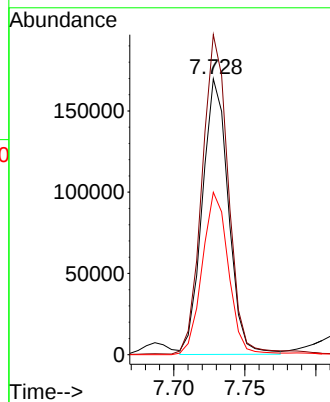
Tgt Ion:122 Resp: 217464

Ion Ratio Lower Upper

122 100

107 116.0 94.3 141.5

121 58.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.728 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

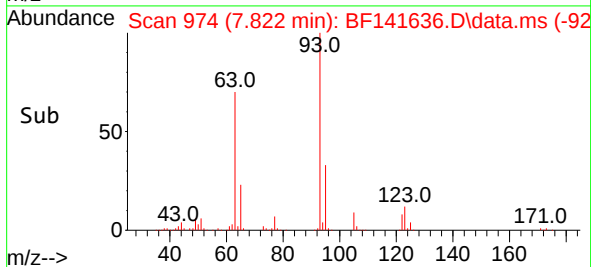
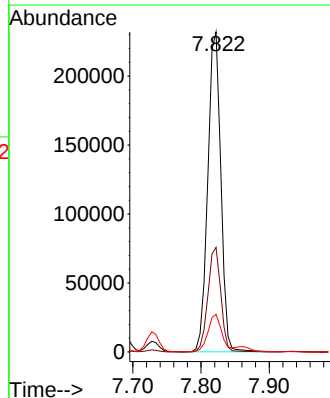
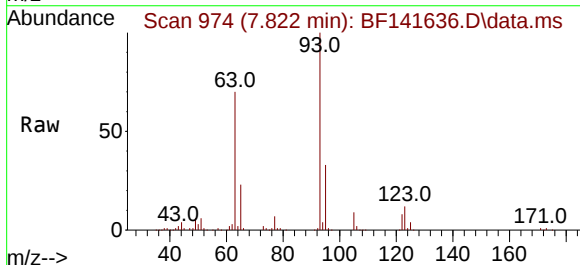
Tgt Ion: 93 Resp: 308243

Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

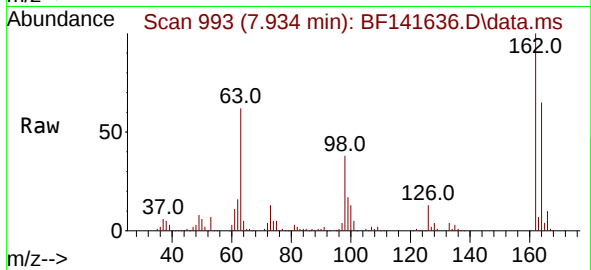
123 11.7 9.5 14.3



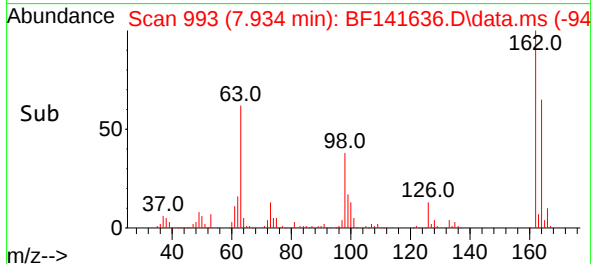
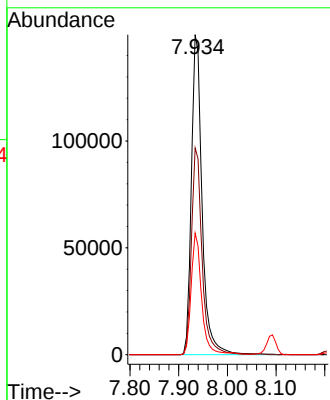


#29
2,4-Dichlorophenol
Concen: 45.412 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

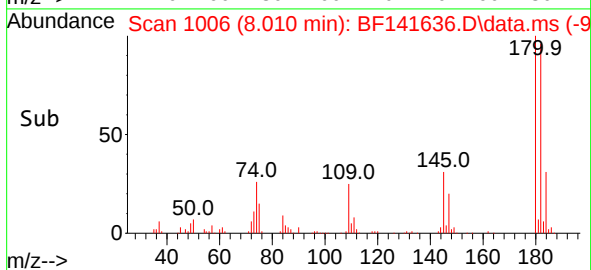
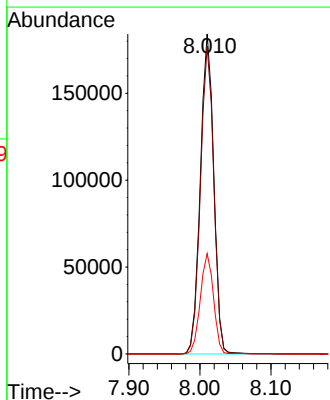
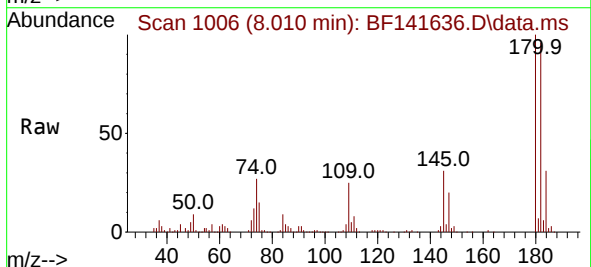


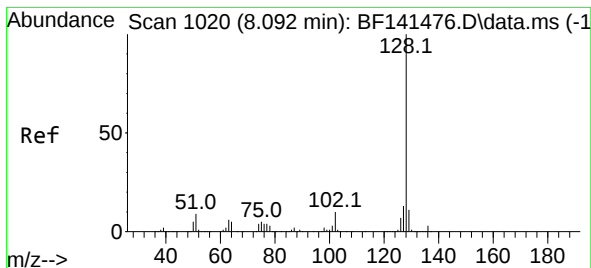
Tgt Ion:162 Resp: 229425
Ion Ratio Lower Upper
162 100
164 64.6 44.6 84.6
98 38.0 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 44.078 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:180 Resp: 242498
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 31.4 24.2 36.4





#31

Naphthalene

Concen: 43.465 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

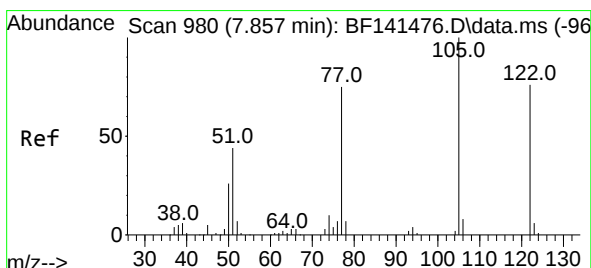
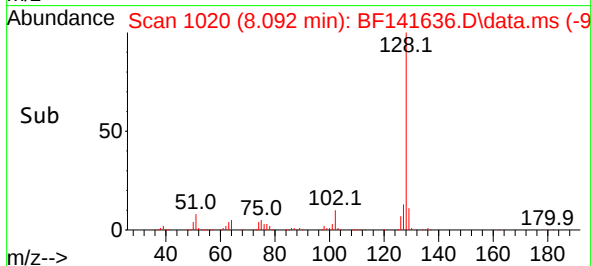
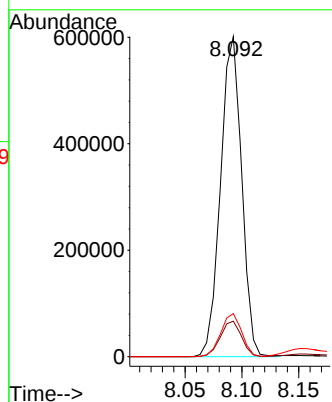
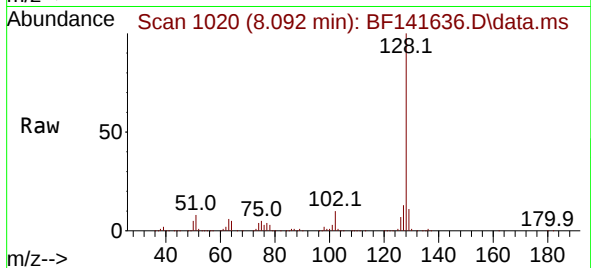
Tgt Ion:128 Resp: 778564

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.5 10.7 16.1



#32

Benzoic acid

Concen: 34.078 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.029 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

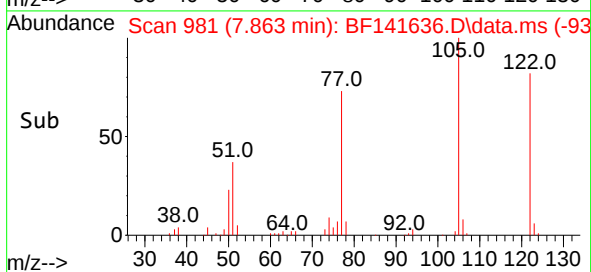
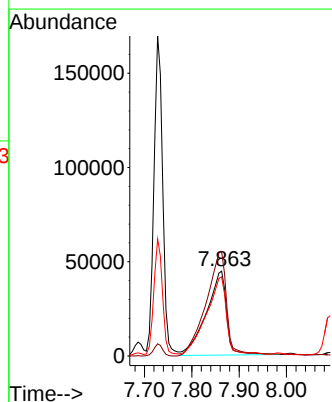
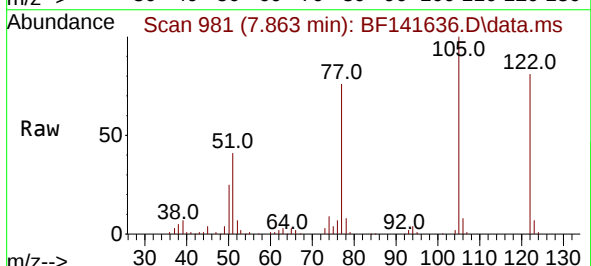
Tgt Ion:122 Resp: 132353

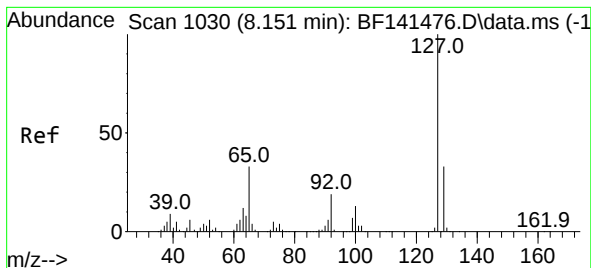
Ion Ratio Lower Upper

122 100

105 123.1 106.5 146.5

77 93.2 76.3 116.3





#33

4-Chloroaniline

Concen: 7.586 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

Tgt Ion:127 Resp: 47445

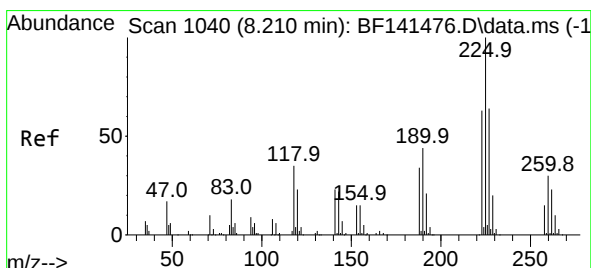
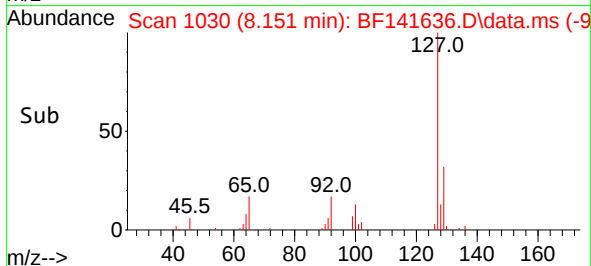
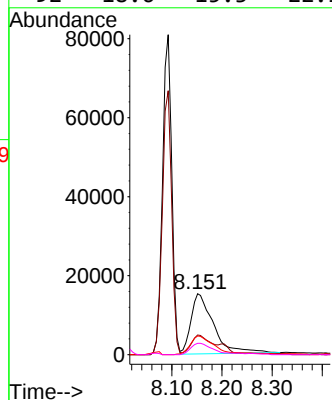
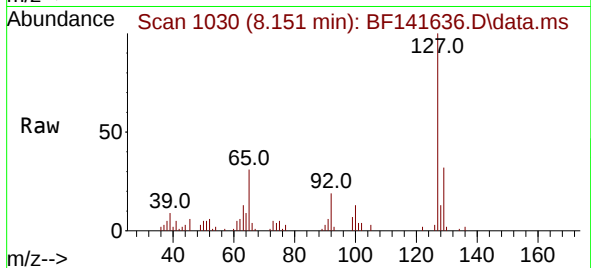
Ion Ratio Lower Upper

127 100

129 32.2 26.5 39.7

65 30.6 26.4 39.6

92 18.6 15.3 22.9



#34

Hexachlorobutadiene

Concen: 44.899 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

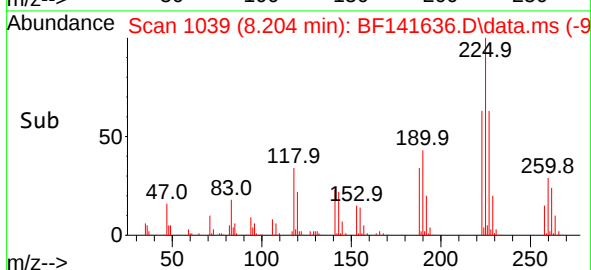
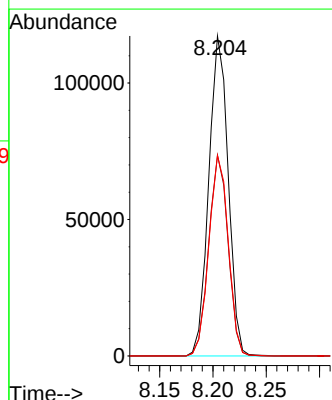
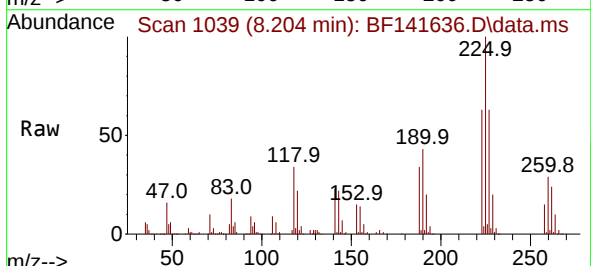
Tgt Ion:225 Resp: 148293

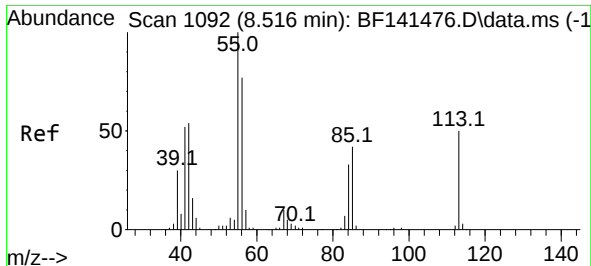
Ion Ratio Lower Upper

225 100

223 62.8 50.1 75.1

227 62.7 51.0 76.6

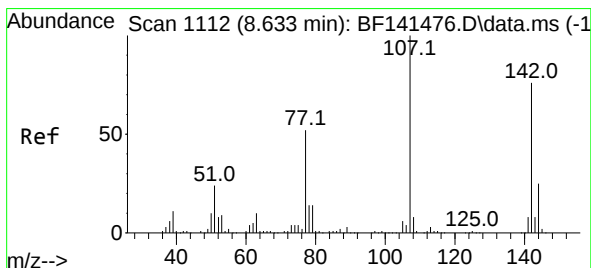
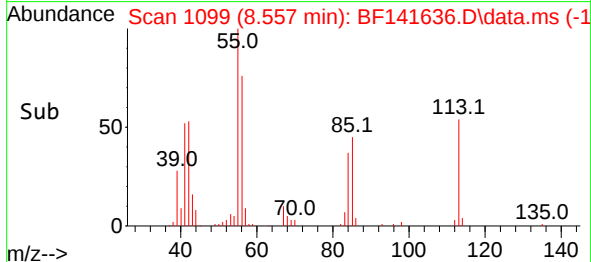
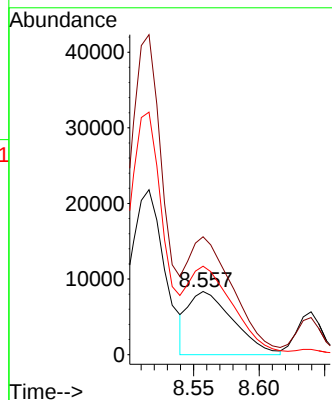
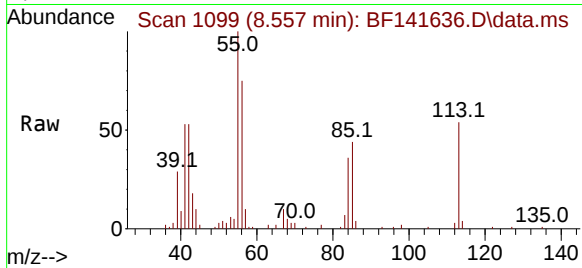




#35
 Caprolactam
 Concen: 12.916 ng
 RT: 8.557 min Scan# 1099
 Delta R.T. 0.012 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37

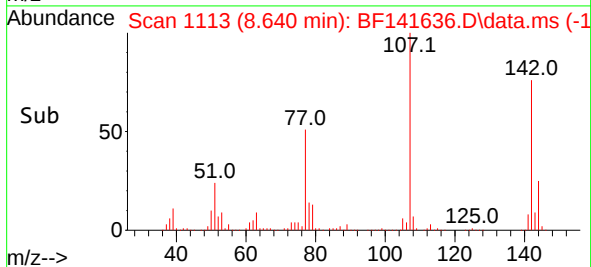
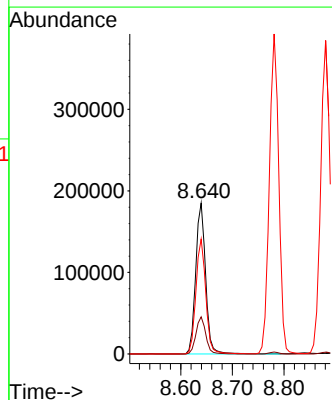
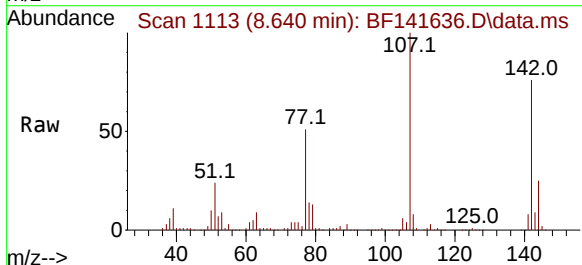
Instrument :
 BNA_F
 ClientSampleId :
 CARBON-WATERMSD

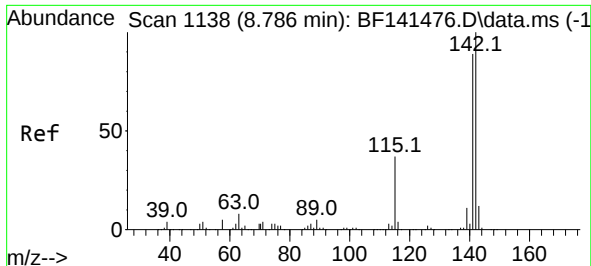
Tgt Ion:113 Resp: 19867
 Ion Ratio Lower Upper
 113 100
 55 186.7 180.8 220.8
 56 140.2 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.044 ng
 RT: 8.640 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37

Tgt Ion:107 Resp: 246482
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.7 29.5
 142 76.2 60.8 91.2





#37

2-Methylnaphthalene

Concen: 42.725 ng

RT: 8.781 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

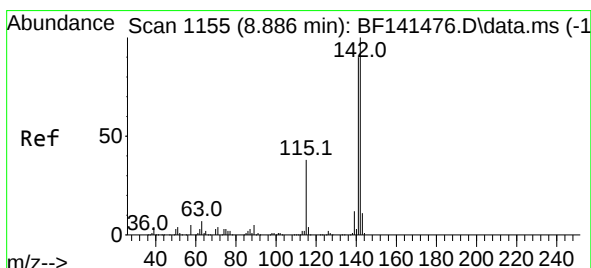
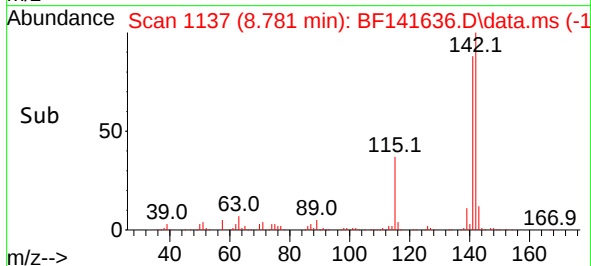
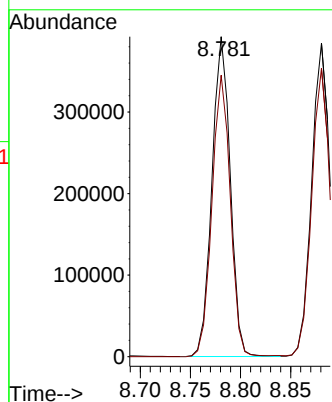
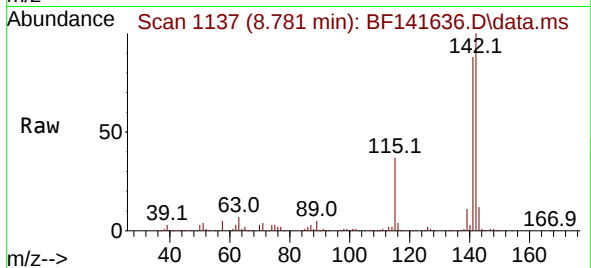
CARBON-WATERMSD

Tgt Ion:142 Resp: 498009

Ion Ratio Lower Upper

142 100

141 87.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.922 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141636.D

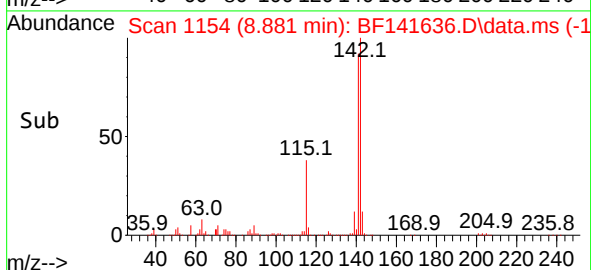
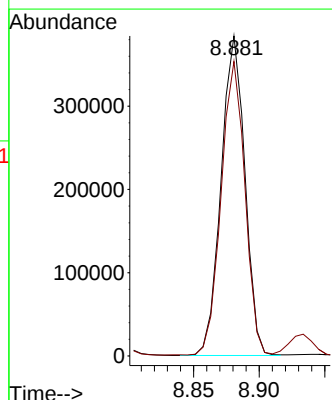
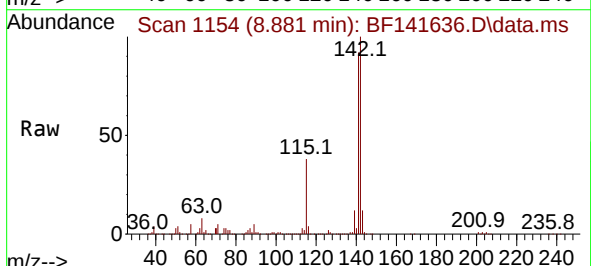
Acq: 14 Feb 2025 13:37

Tgt Ion:142 Resp: 484567

Ion Ratio Lower Upper

142 100

141 92.0 72.1 108.1

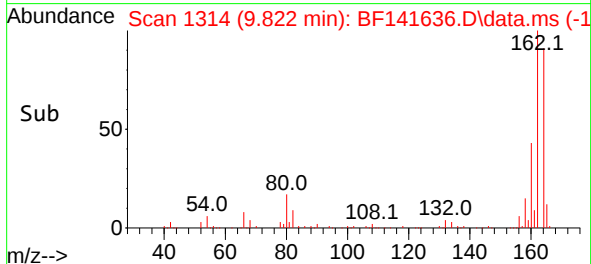
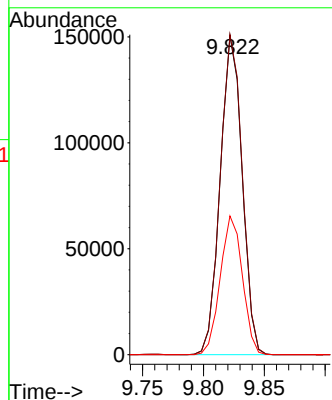
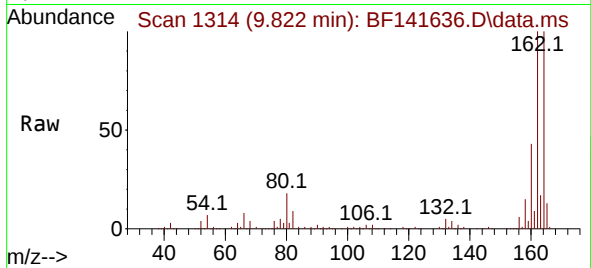




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

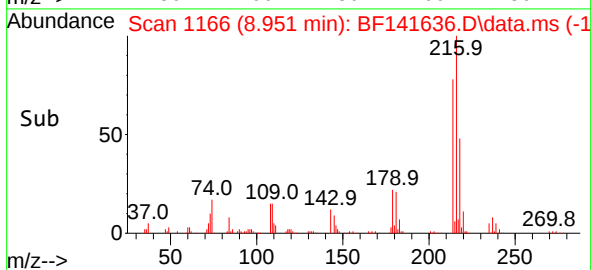
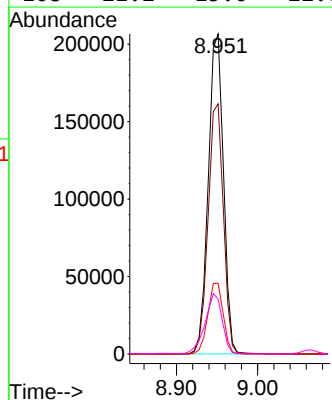
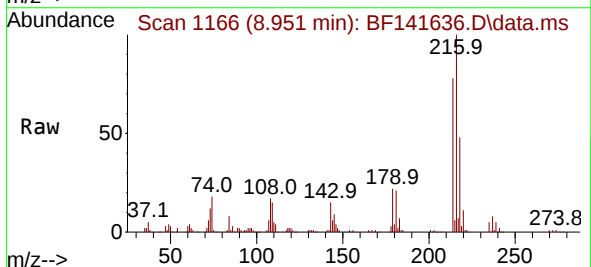
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

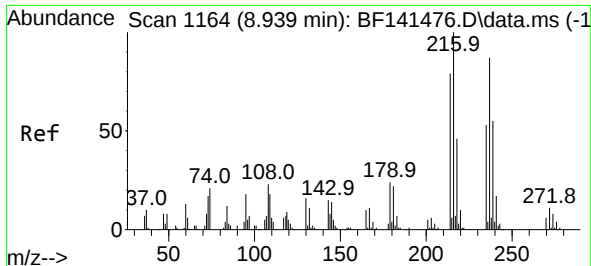
Tgt Ion:164 Resp: 188709
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 43.5 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.056 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:216 Resp: 267826
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 22.4 18.0 27.0
108 21.2 15.0 22.6

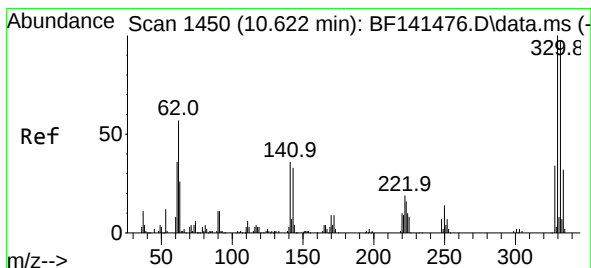
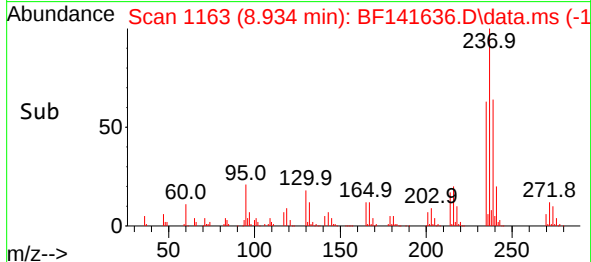
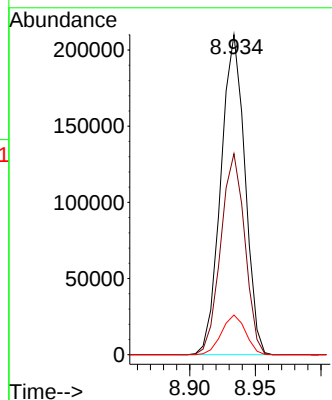
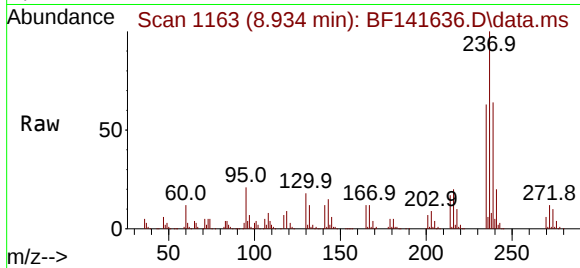




#41
Hexachlorocyclopentadiene
Concen: 147.448 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

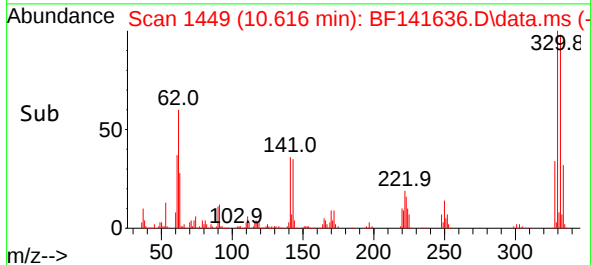
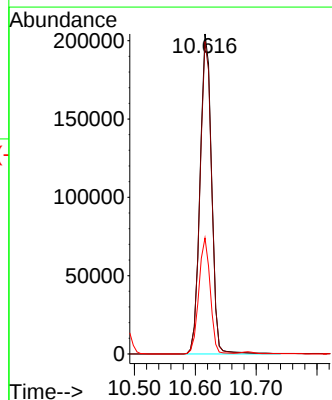
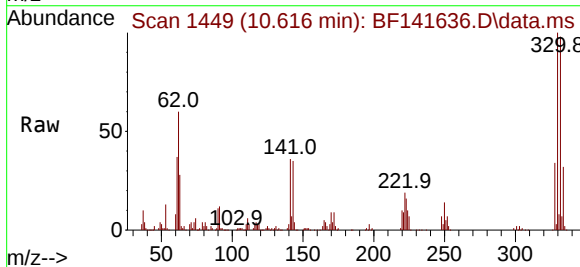
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

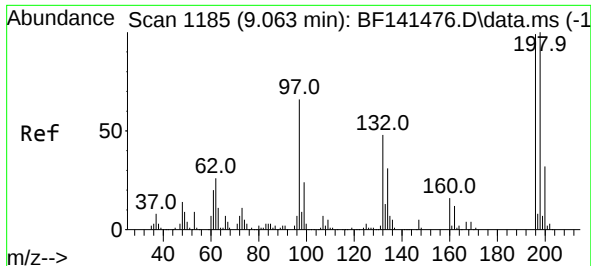
Tgt Ion:237 Resp: 267751
Ion Ratio Lower Upper
237 100
235 62.8 41.4 81.4
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 141.827 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:330 Resp: 268857
Ion Ratio Lower Upper
330 100
332 97.8 78.5 117.7
141 35.7 31.0 46.4

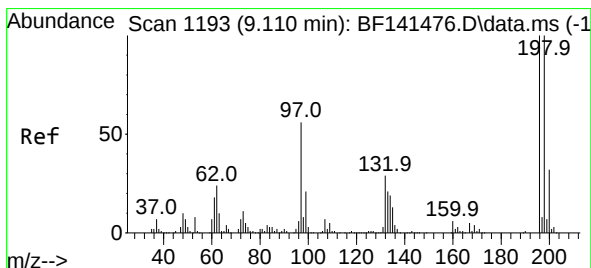
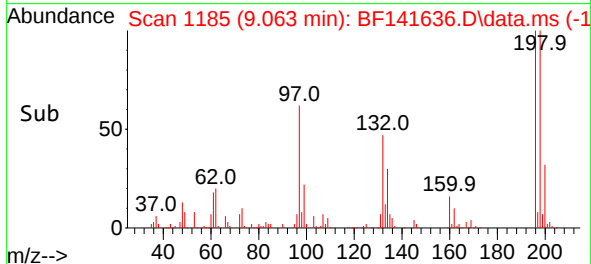
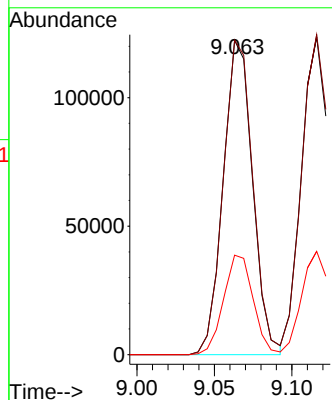
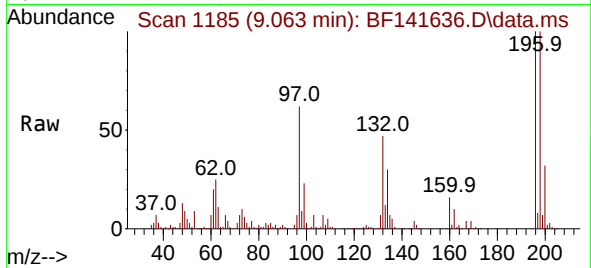




#43
2,4,6-Trichlorophenol
Concen: 45.737 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

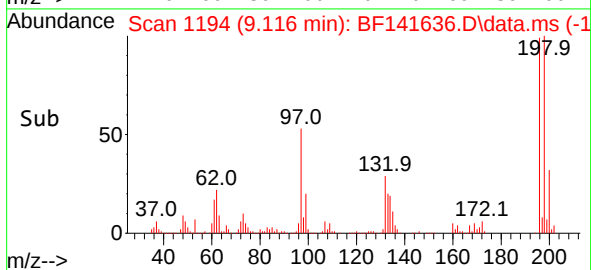
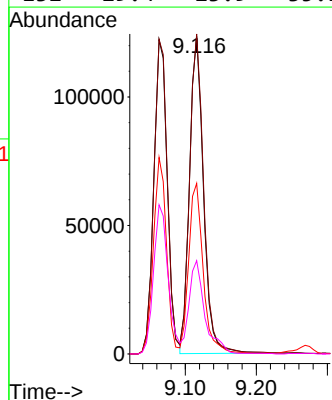
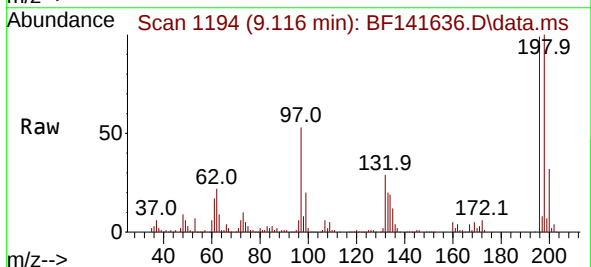
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion:196 Resp: 161389
Ion Ratio Lower Upper
196 100
198 100.1 80.6 121.0
200 31.7 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 44.341 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:196 Resp: 169569
Ion Ratio Lower Upper
196 100
198 100.7 79.8 119.8
97 53.7 44.8 67.2
132 29.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 95.022 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

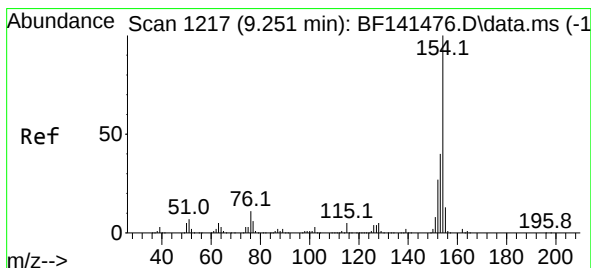
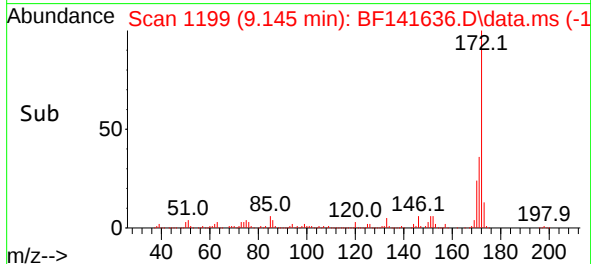
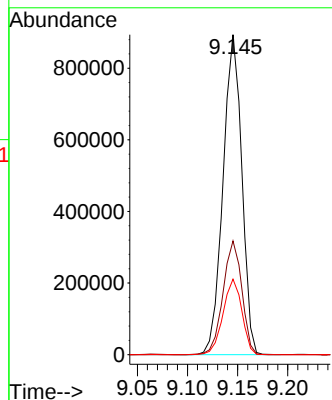
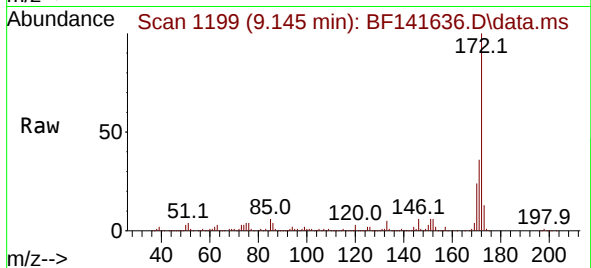
Tgt Ion:172 Resp: 1163900

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.6 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.266 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

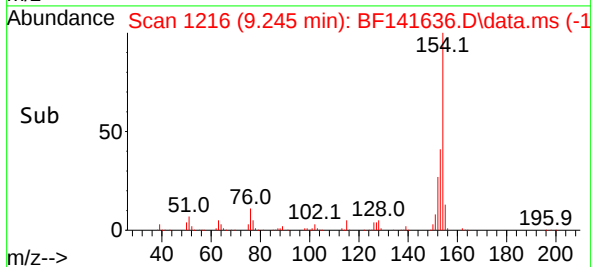
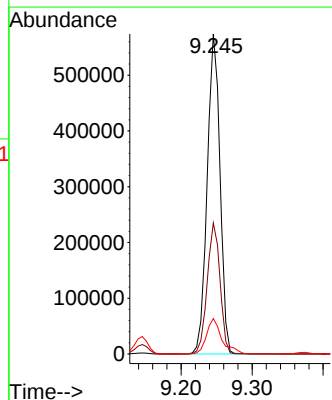
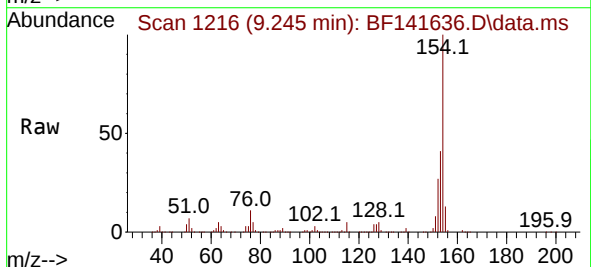
Tgt Ion:154 Resp: 720778

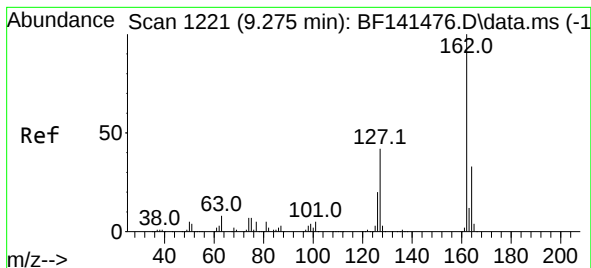
Ion Ratio Lower Upper

154 100

153 41.0 20.4 60.4

76 11.1 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.535 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

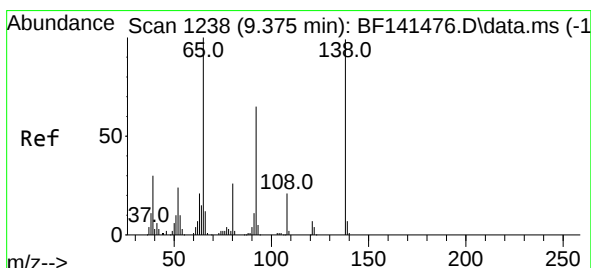
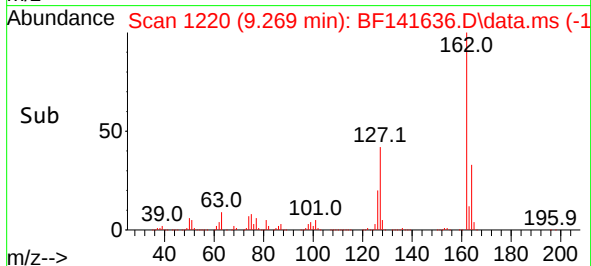
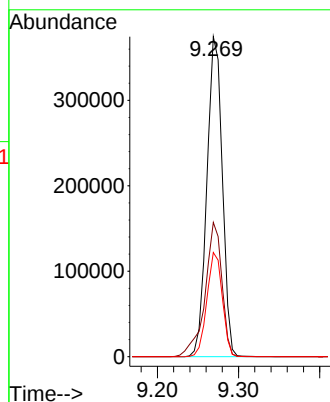
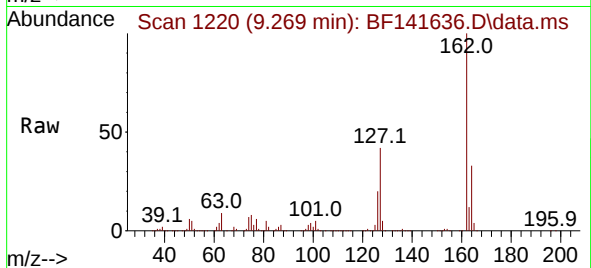
Tgt Ion:162 Resp: 492631

Ion Ratio Lower Upper

162 100

127 42.0 34.1 51.1

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 43.869 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

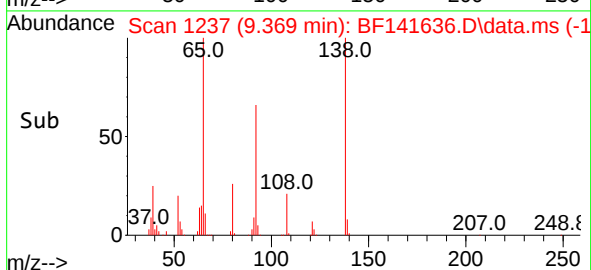
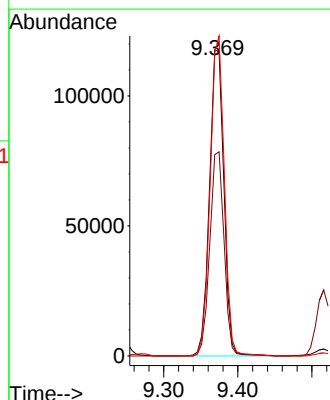
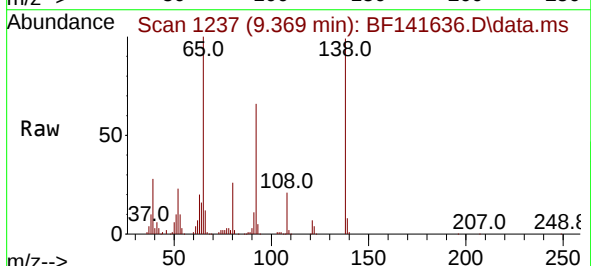
Tgt Ion: 65 Resp: 159276

Ion Ratio Lower Upper

65 100

92 65.7 52.2 78.2

138 98.9 79.5 119.3





#49

Acenaphthylene

Concen: 47.086 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141636.D

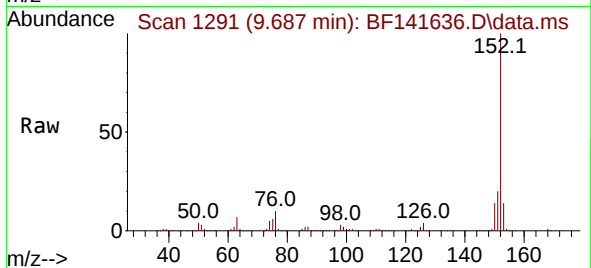
Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD



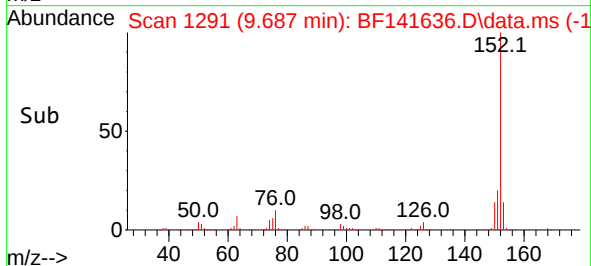
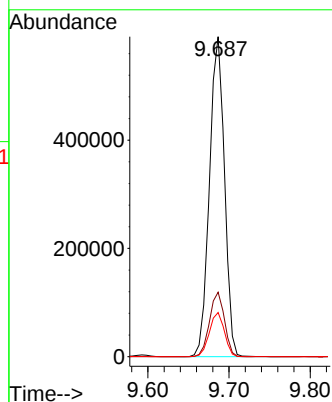
Tgt Ion:152 Resp: 757692

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.8 10.9 16.3



#50

Dimethylphthalate

Concen: 45.846 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

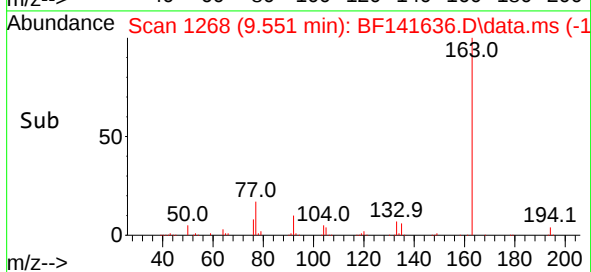
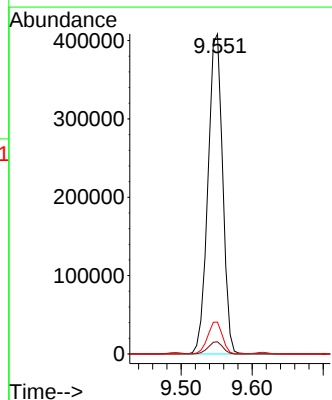
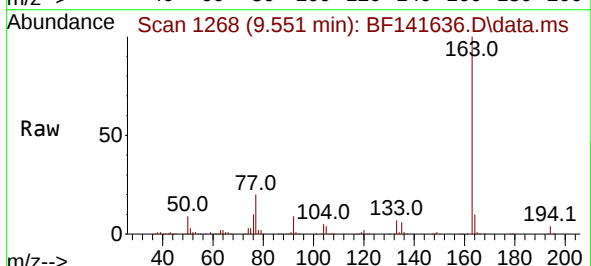
Tgt Ion:163 Resp: 587334

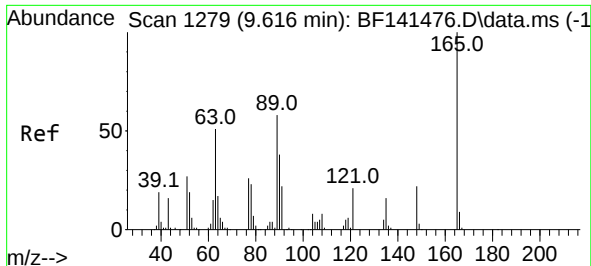
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.0 7.9 11.9

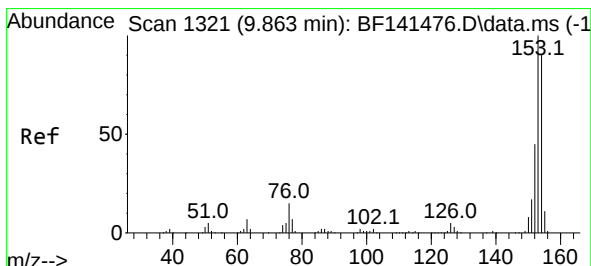
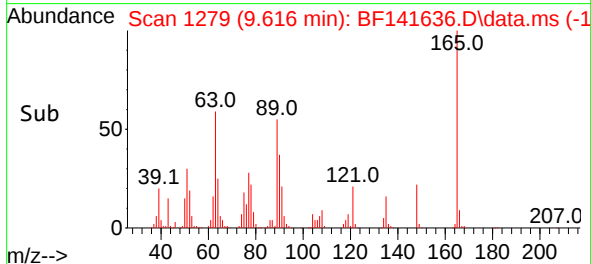
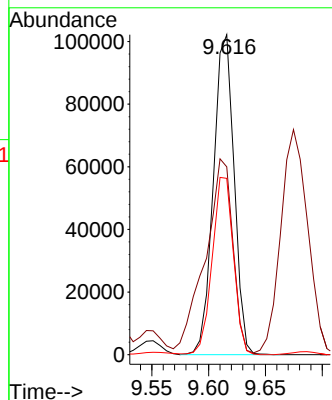
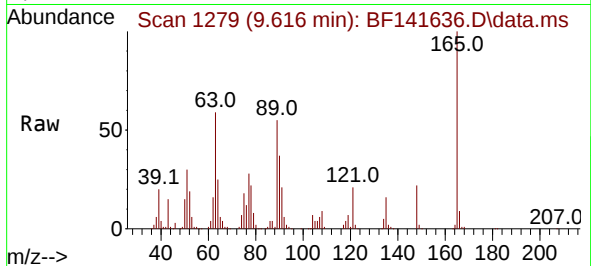




#51
2,6-Dinitrotoluene
Concen: 46.325 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

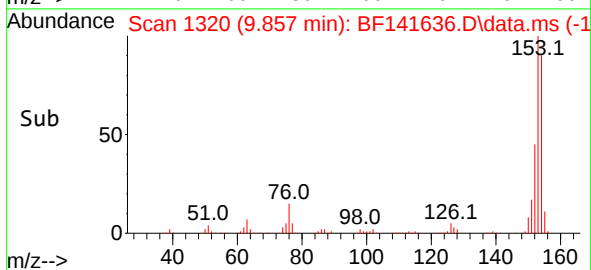
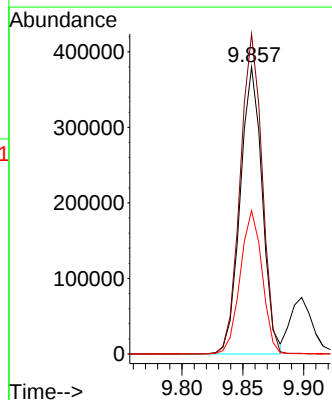
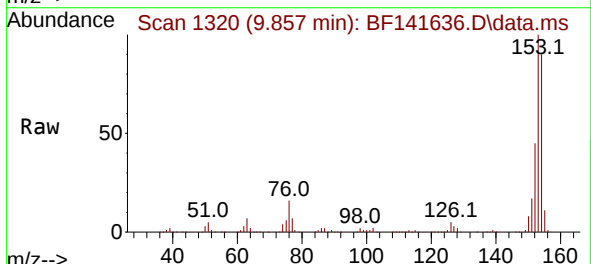
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

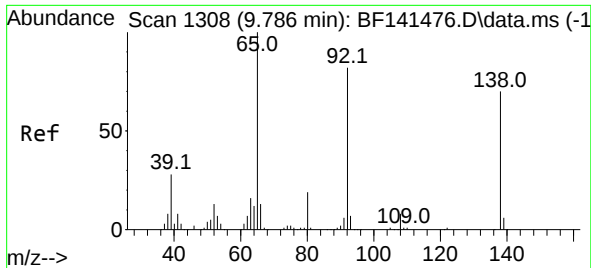
Tgt Ion:165 Resp: 129736
Ion Ratio Lower Upper
165 100
63 58.7 49.4 74.0
89 55.1 46.5 69.7



#52
Acenaphthene
Concen: 44.175 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:154 Resp: 477895
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 50.0 39.8 59.8

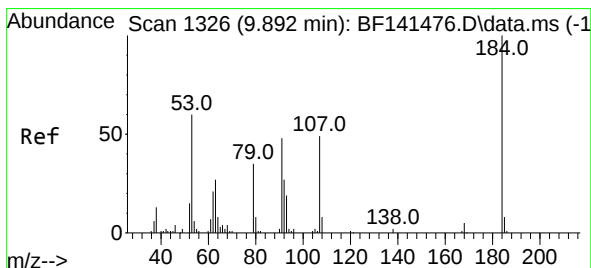
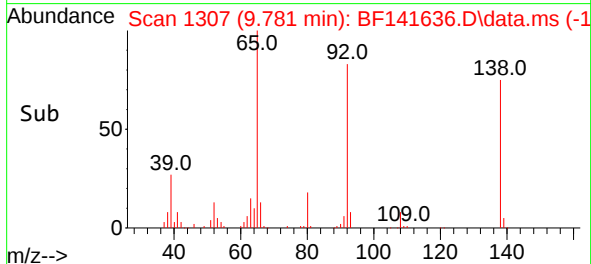
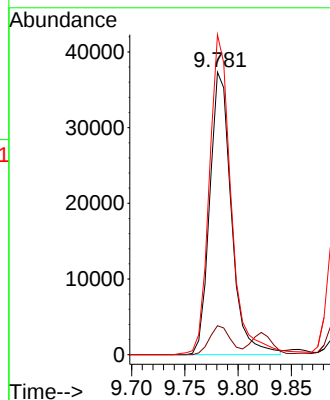
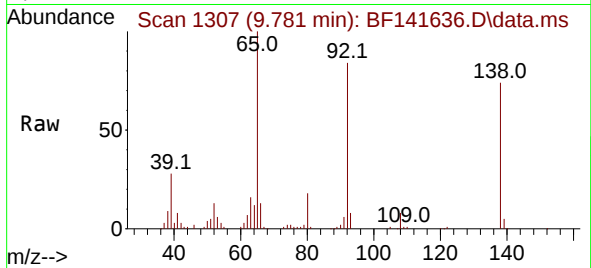




#53
3-Nitroaniline
Concen: 17.475 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

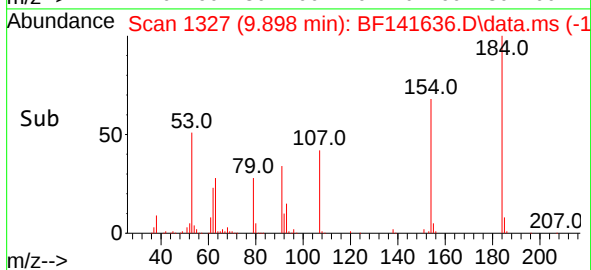
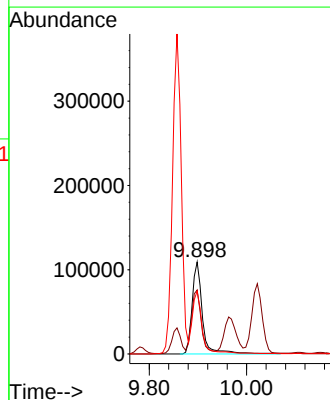
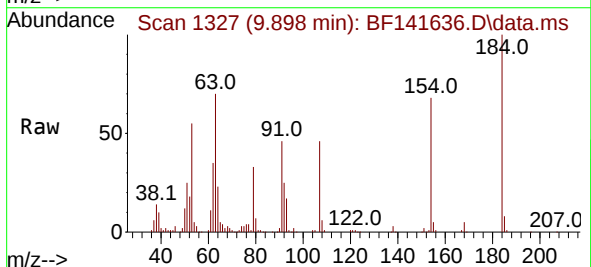
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

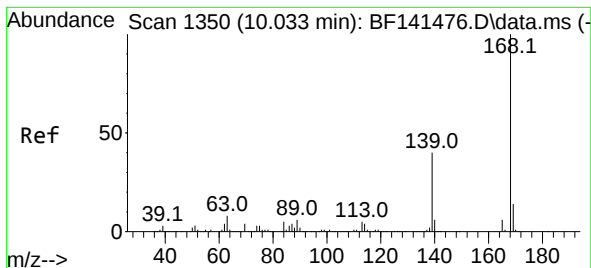
Tgt Ion:138 Resp: 52673
Ion Ratio Lower Upper
138 100
108 10.2 9.0 13.4
92 113.3 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 97.264 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:184 Resp: 161892
Ion Ratio Lower Upper
184 100
63 69.5 61.0 91.6
154 68.4 59.9 89.9





#55

Dibenzenofuran

Concen: 43.083 ng

RT: 10.028 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

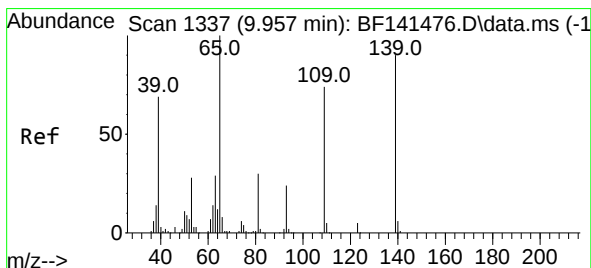
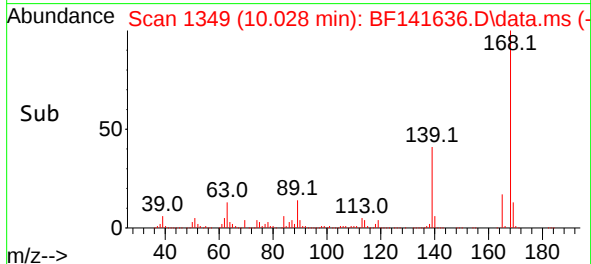
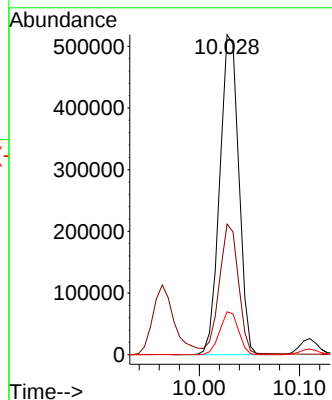
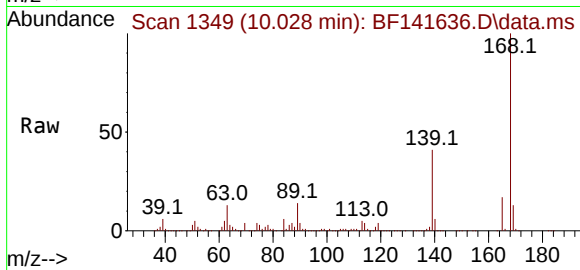
Tgt Ion:168 Resp: 684122

Ion Ratio Lower Upper

168 100

139 40.8 32.7 49.1

169 13.4 10.8 16.2



#56

4-Nitrophenol

Concen: 77.535 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

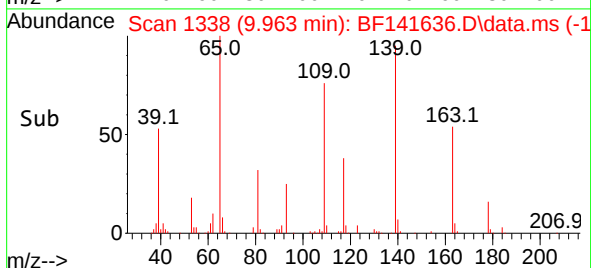
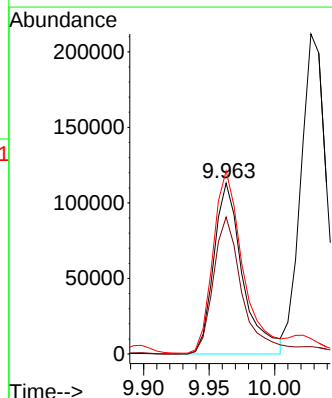
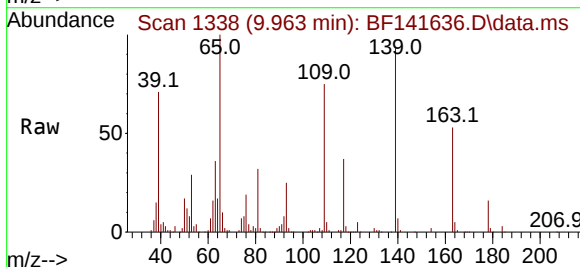
Tgt Ion:139 Resp: 173490

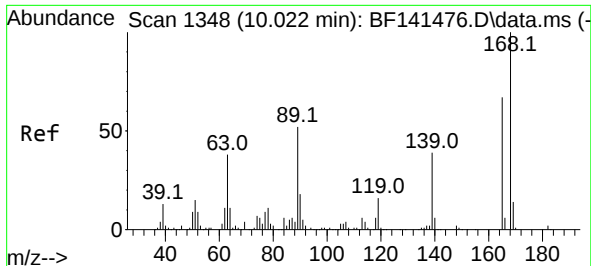
Ion Ratio Lower Upper

139 100

109 80.1 62.0 102.0

65 107.2 91.2 131.2

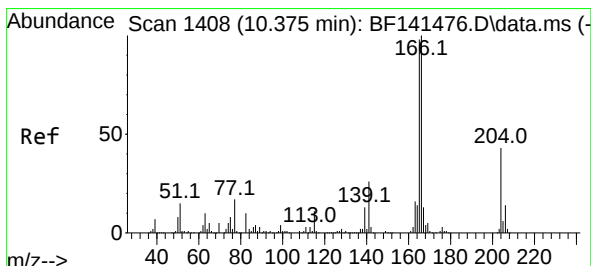
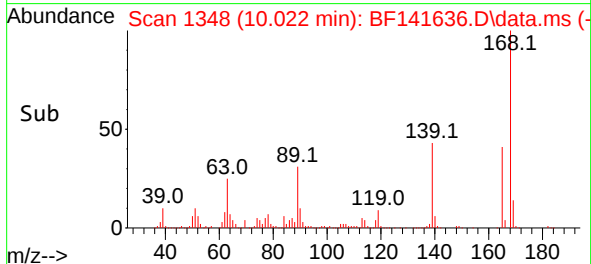
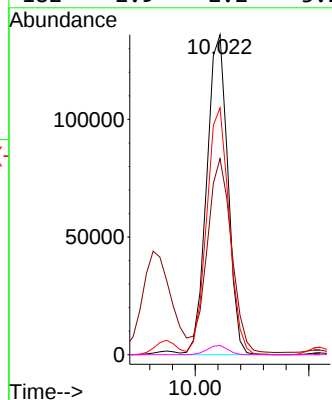
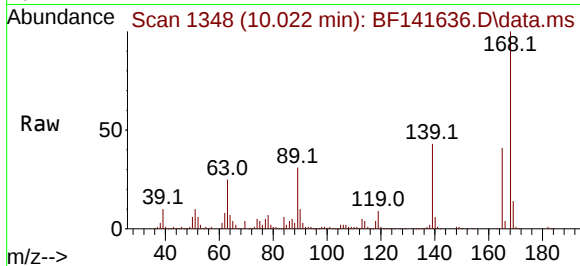




#57
2,4-Dinitrotoluene
Concen: 47.056 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

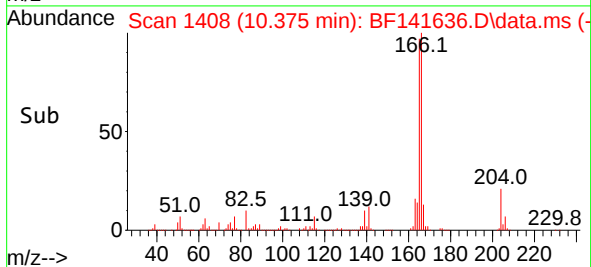
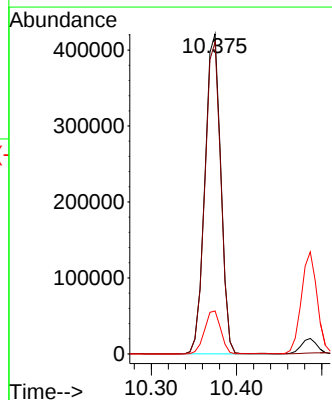
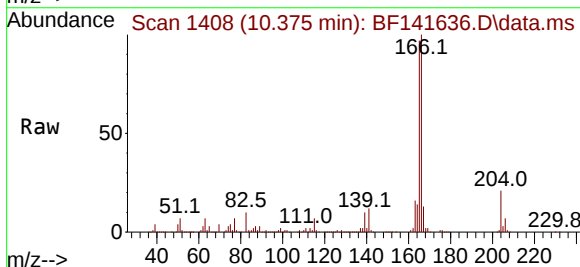
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion:165 Resp: 175435
Ion Ratio Lower Upper
165 100
63 61.3 46.4 69.6
89 77.2 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 44.481 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:166 Resp: 546127
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.5 10.7 16.1

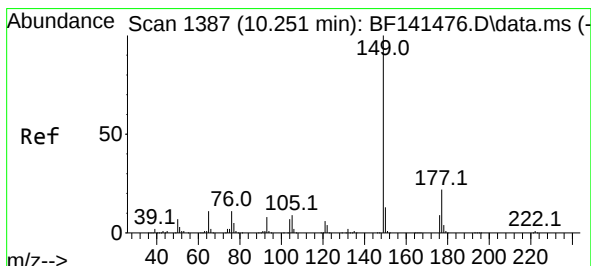
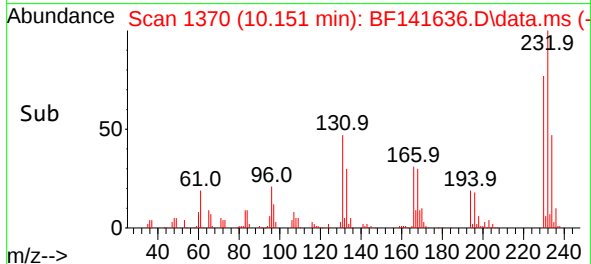
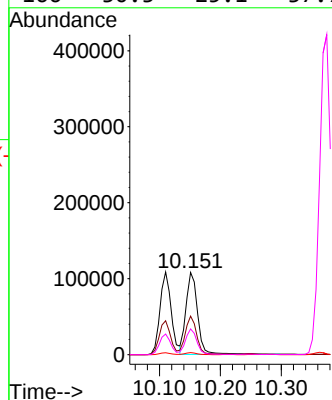
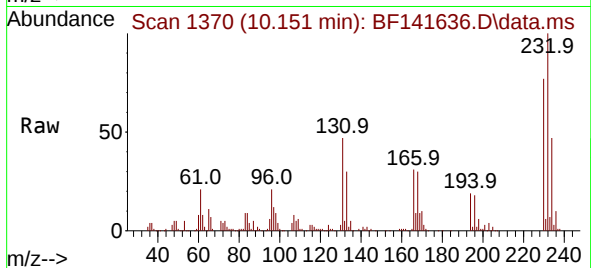




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.667 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

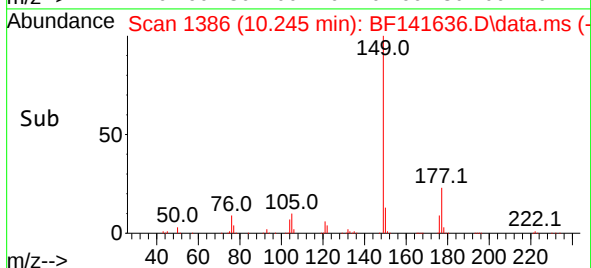
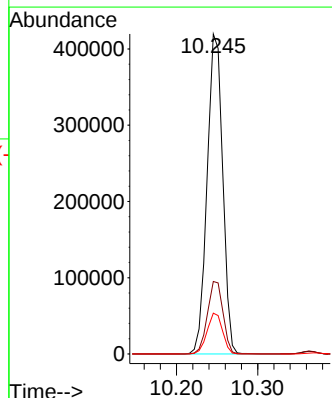
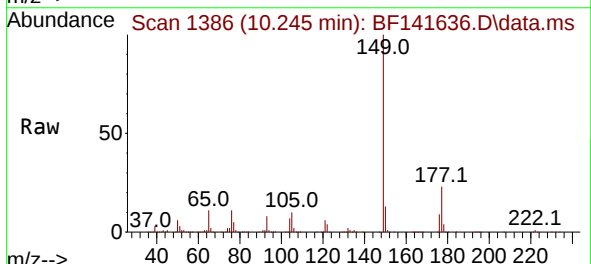
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion:232 Resp: 143768
Ion Ratio Lower Upper
232 100
131 46.5 39.2 58.8
130 2.5 2.1 3.1
166 30.3 25.1 37.7



#60
Diethylphthalate
Concen: 44.254 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:149 Resp: 557799
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.8 10.1 15.1

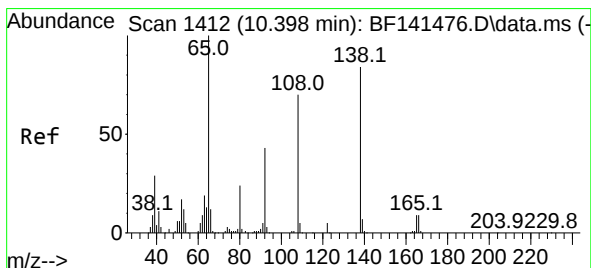
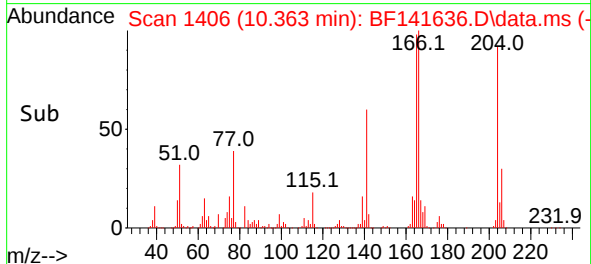
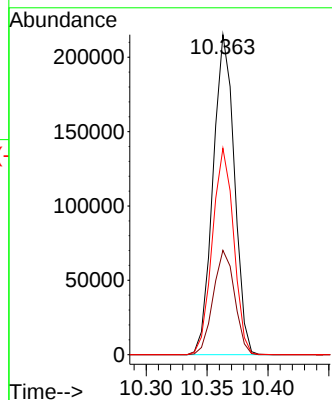
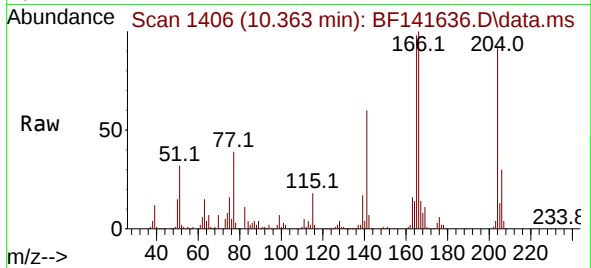




#61
4-Chlorophenyl-phenylether
Concen: 44.392 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

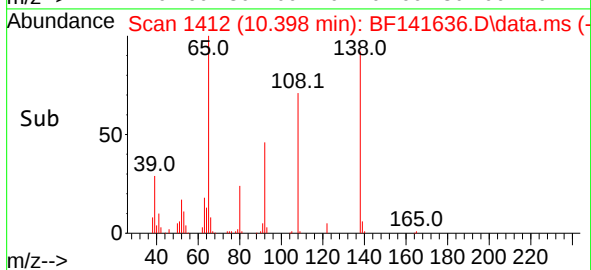
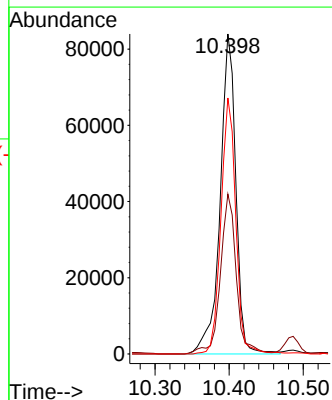
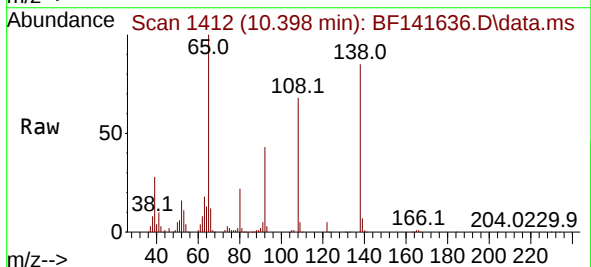
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

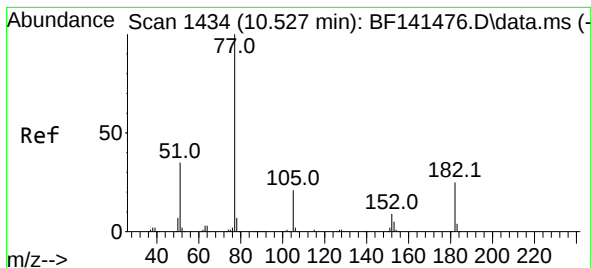
Tgt Ion:204 Resp: 262210
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 64.5 51.9 77.9



#62
4-Nitroaniline
Concen: 40.505 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:138 Resp: 123974
Ion Ratio Lower Upper
138 100
92 49.9 31.3 71.3
108 80.0 63.7 103.7

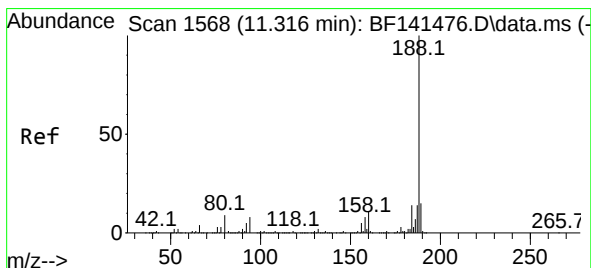
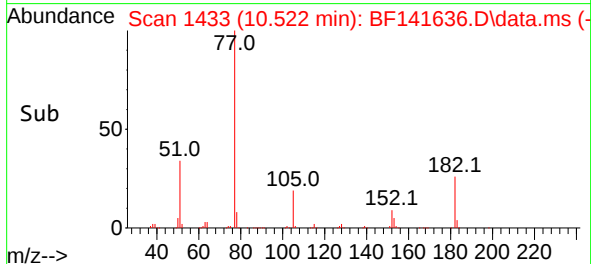
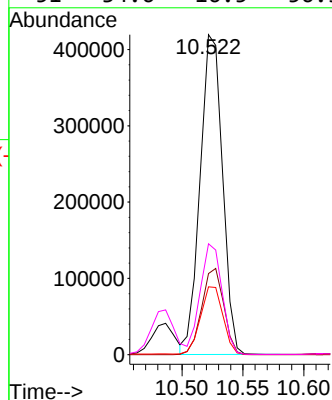
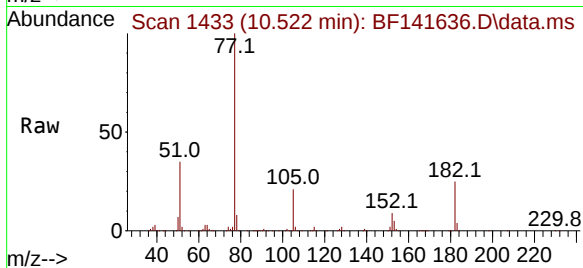




#63
Azobenzene
Concen: 42.854 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

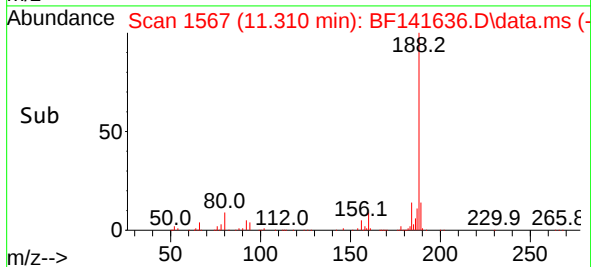
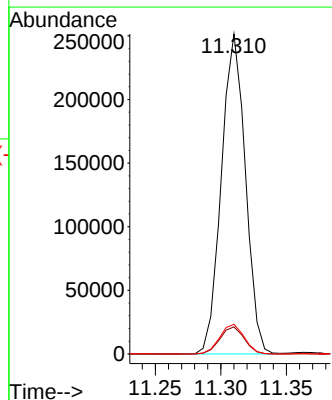
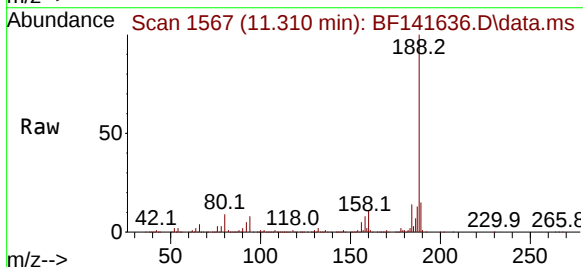
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion:	77	Resp:	536984
Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.7	44.7
105	21.2	0.4	40.4
51	34.6	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: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:	188	Resp:	320276
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.3	7.3	10.9

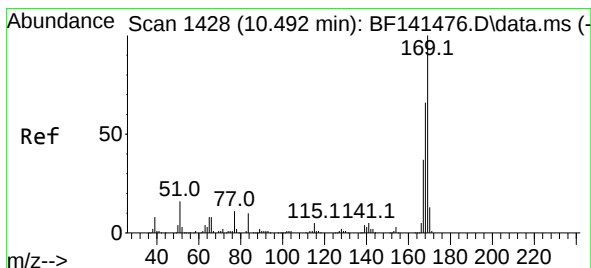
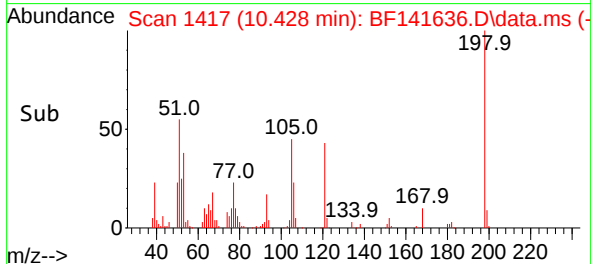
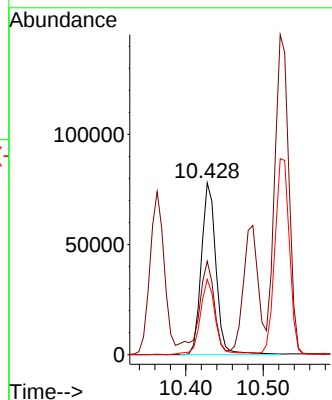
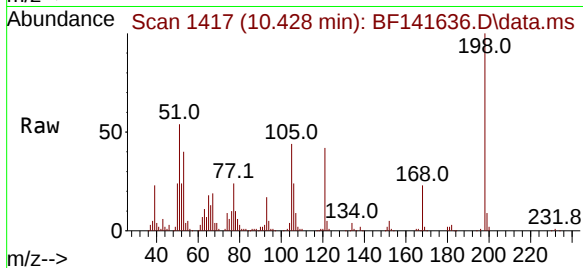




#65
4,6-Dinitro-2-methylphenol
Concen: 46.096 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

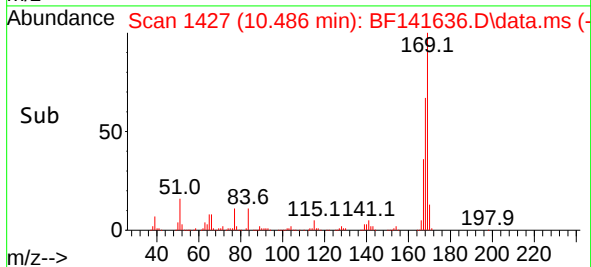
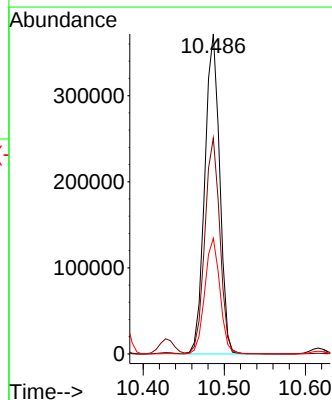
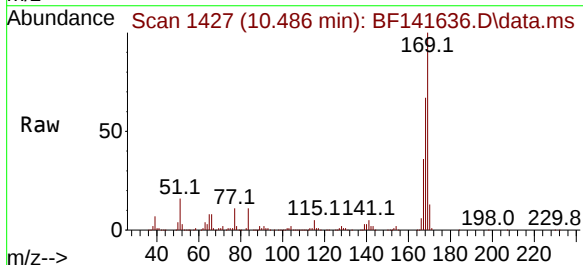
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

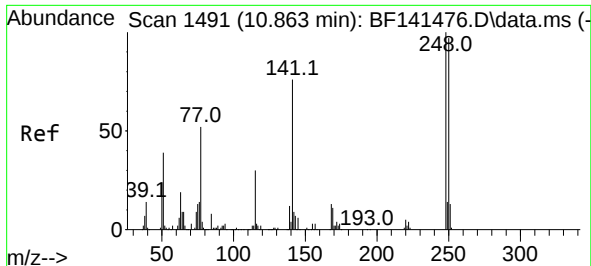
Tgt Ion:198 Resp: 102555
Ion Ratio Lower Upper
198 100
51 54.4 37.4 77.4
105 43.8 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 46.072 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:169 Resp: 472341
Ion Ratio Lower Upper
169 100
168 67.5 53.3 79.9
167 36.1 29.4 44.2

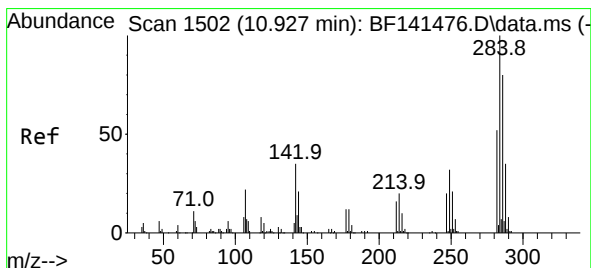
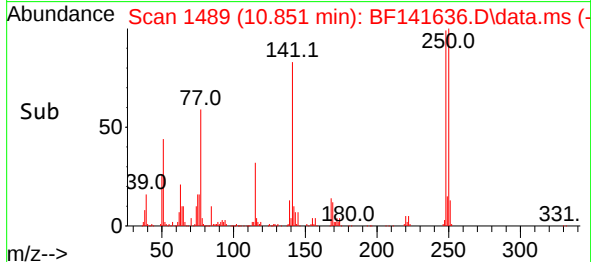
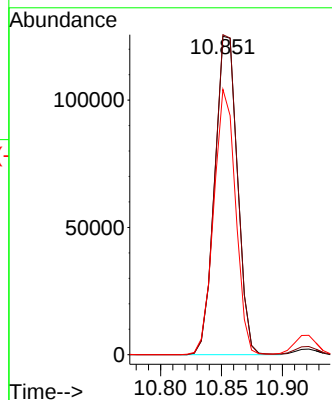
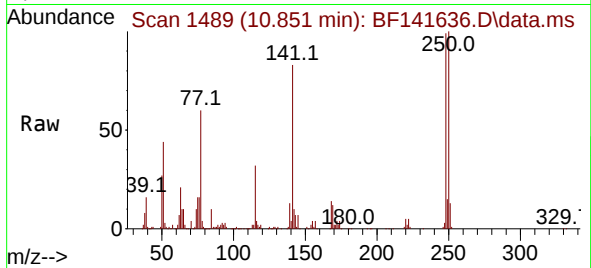




#67
4-Bromophenyl-phenylether
Concen: 45.402 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

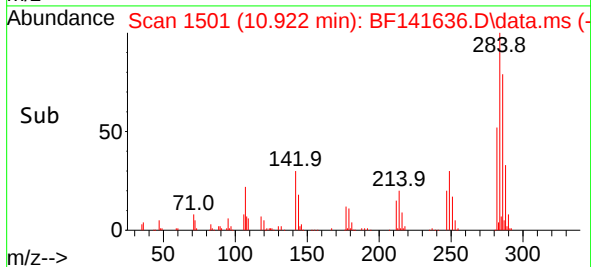
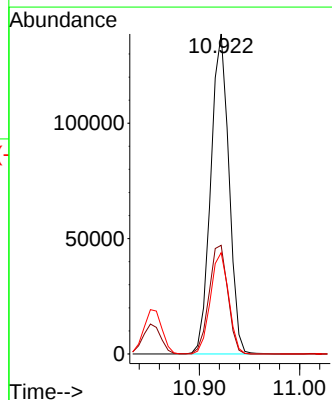
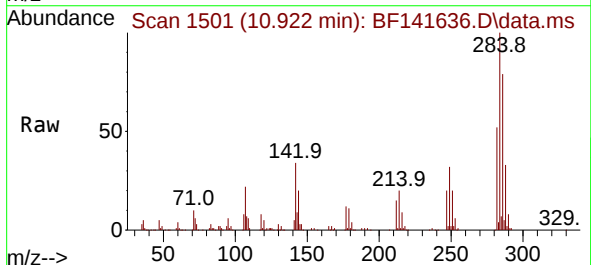
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

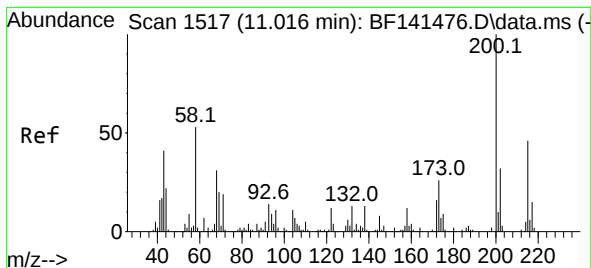
Tgt Ion:248 Resp: 162515
Ion Ratio Lower Upper
248 100
250 100.5 77.8 116.6
141 83.3 60.6 90.8



#68
Hexachlorobenzene
Concen: 47.365 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:284 Resp: 174584
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 53.702 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

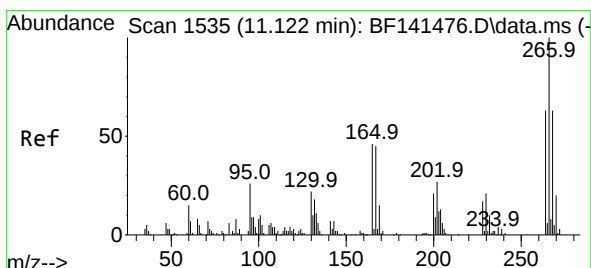
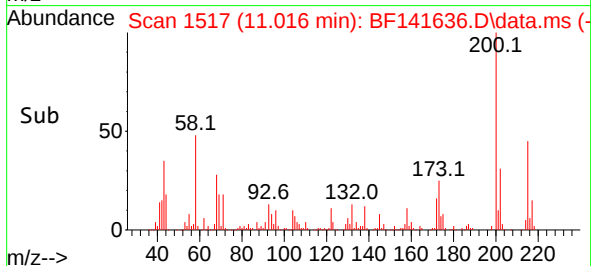
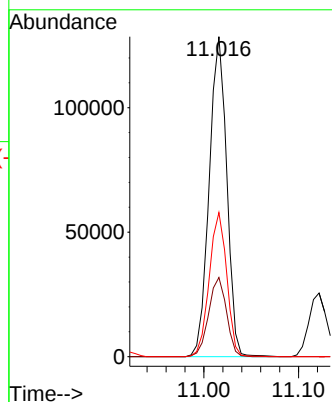
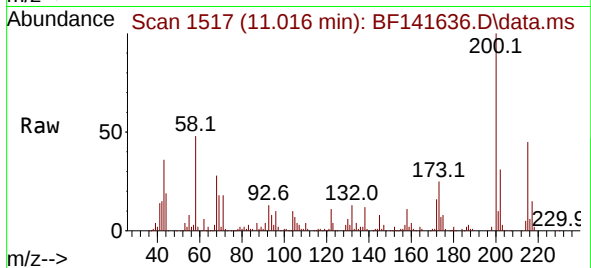
Tgt Ion:200 Resp: 165172

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

215 45.1 25.9 65.9



#70

Pentachlorophenol

Concen: 79.874 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

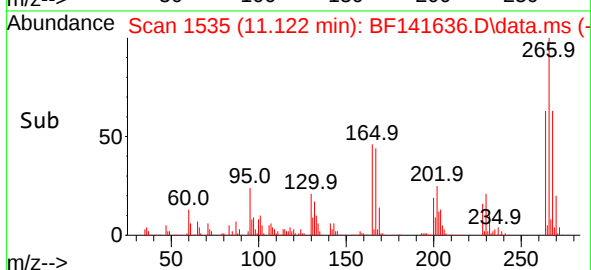
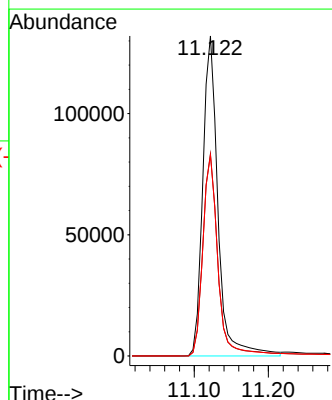
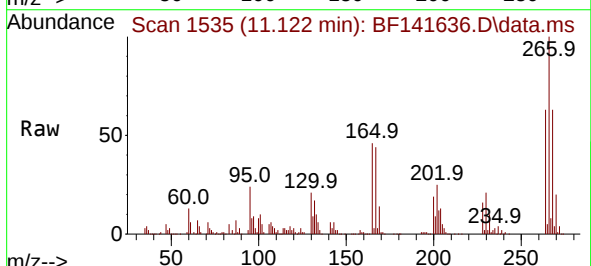
Tgt Ion:266 Resp: 188251

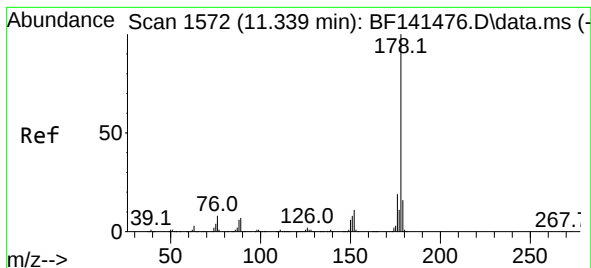
Ion Ratio Lower Upper

266 100

268 63.2 50.1 75.1

264 62.8 50.1 75.1





#71

Phenanthrene

Concen: 46.397 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

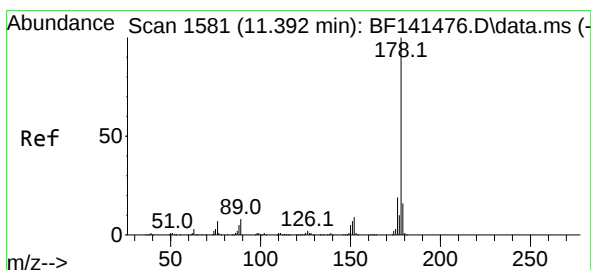
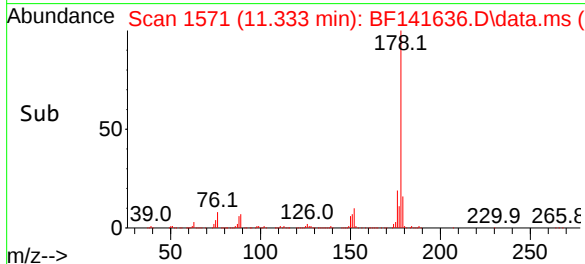
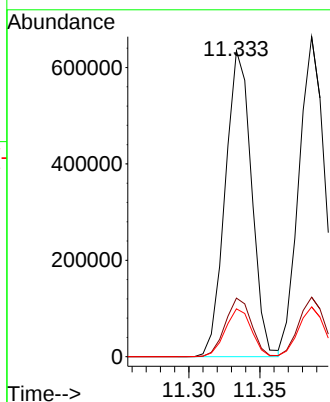
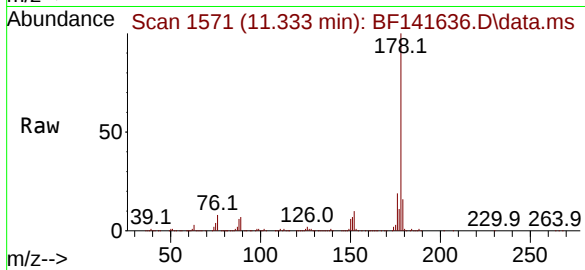
Tgt Ion:178 Resp: 817975

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.7 12.4 18.6



#72

Anthracene

Concen: 47.172 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

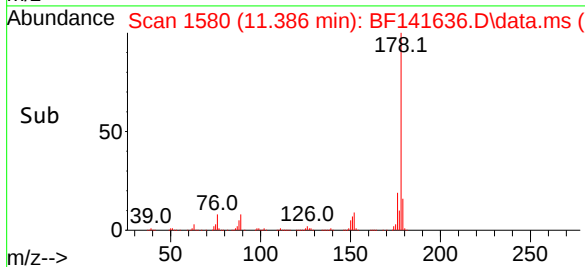
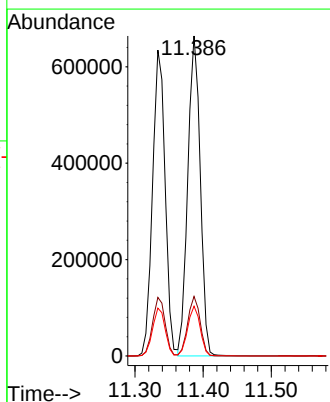
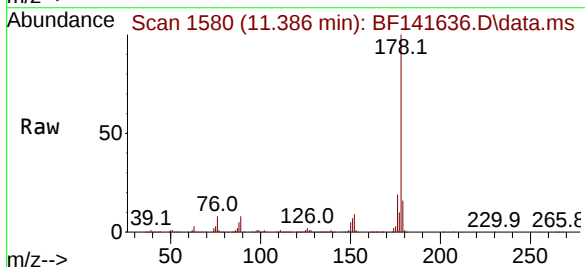
Tgt Ion:178 Resp: 835984

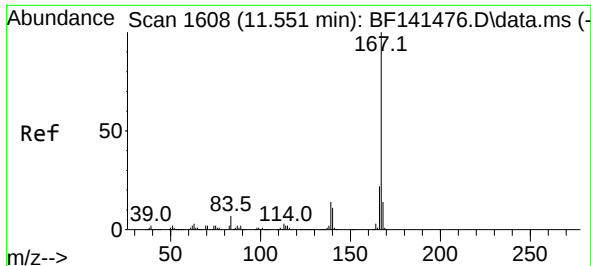
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.5 12.4 18.6

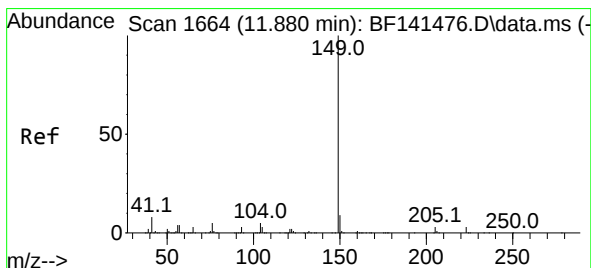
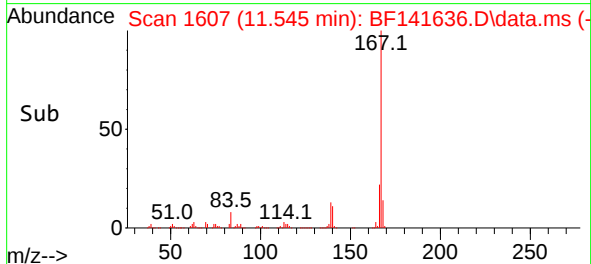
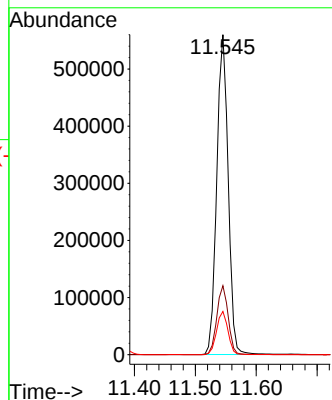
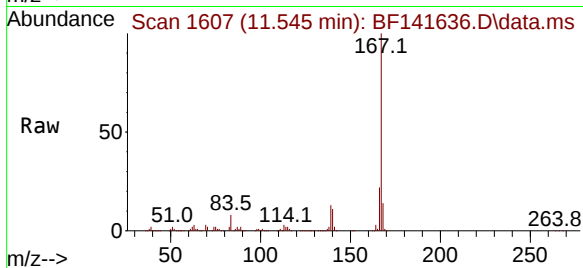




#73
Carbazole
Concen: 45.623 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

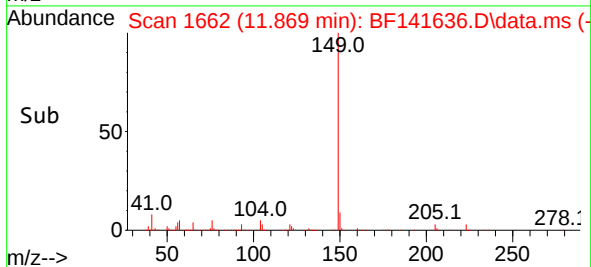
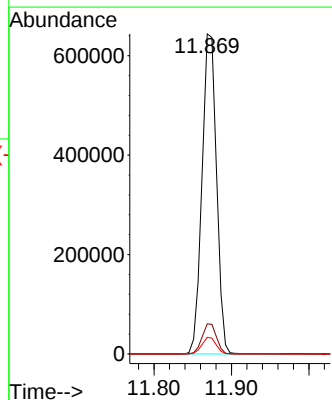
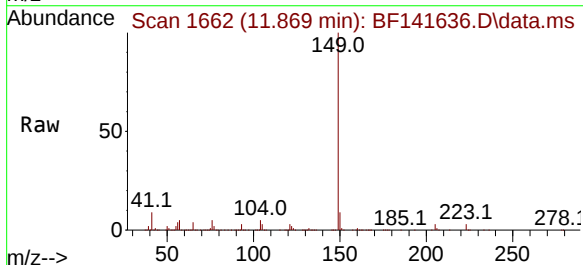
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

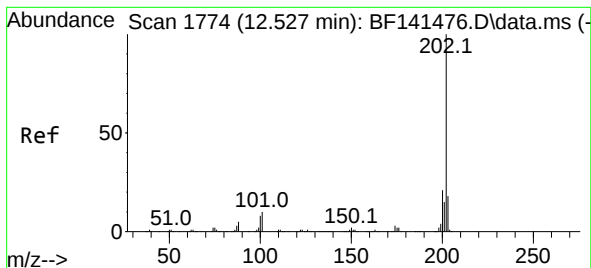
Tgt Ion:167 Resp: 727521
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.5 10.9 16.3



#74
Di-n-butylphthalate
Concen: 45.613 ng
RT: 11.869 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:149 Resp: 839845
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 43.888 ng

RT: 12.522 min Scan# 1774

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

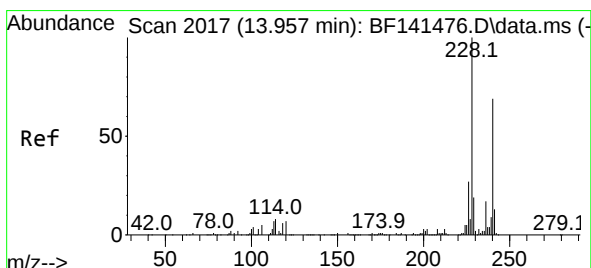
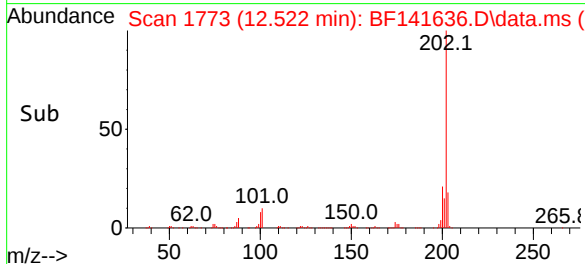
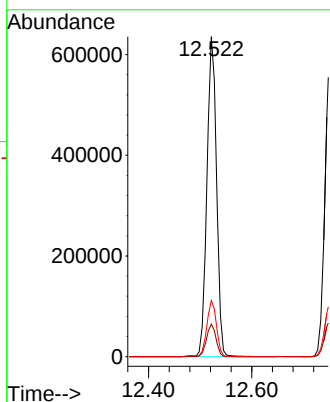
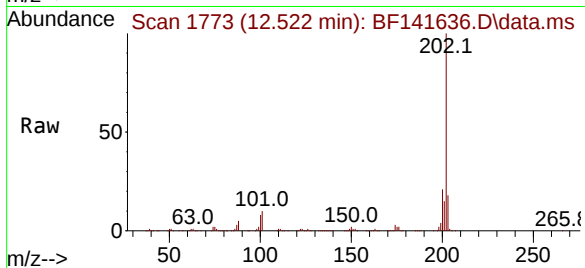
Tgt Ion:202 Resp: 820316

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.2

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

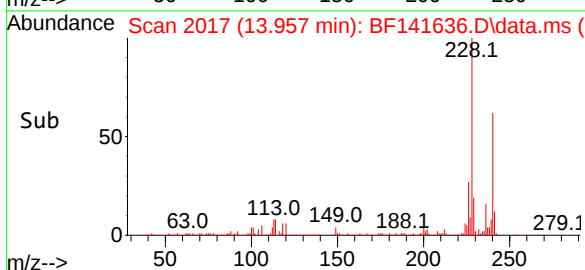
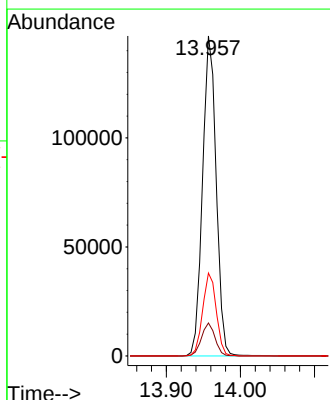
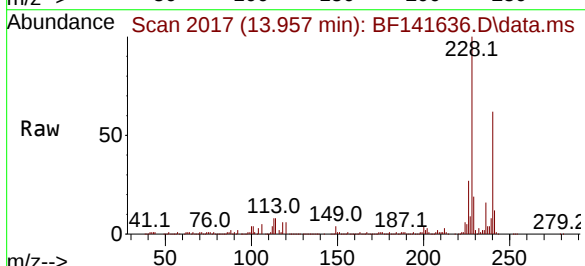
Tgt Ion:240 Resp: 187767

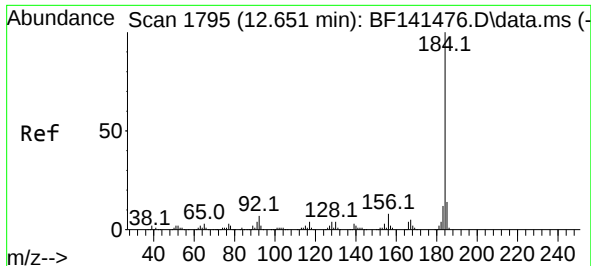
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

236 25.9 19.8 29.8

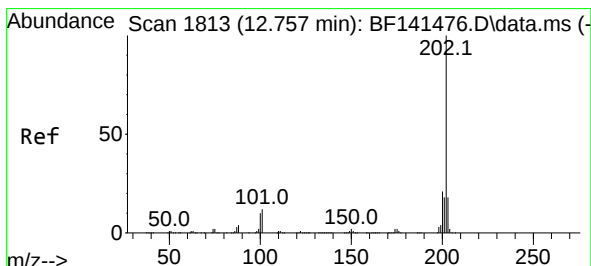
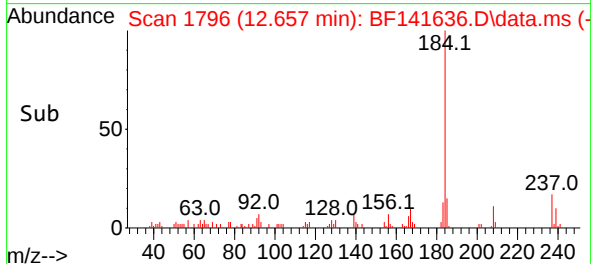
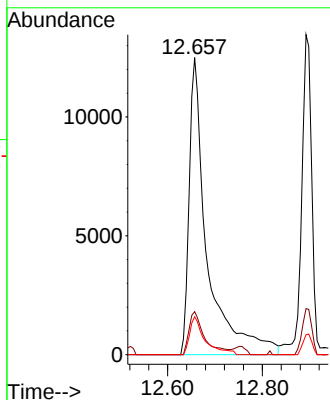
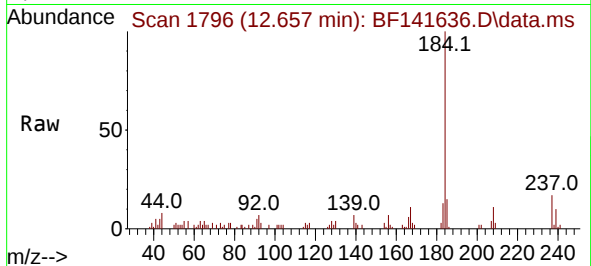




#77
Benzidine
Concen: 7.946 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

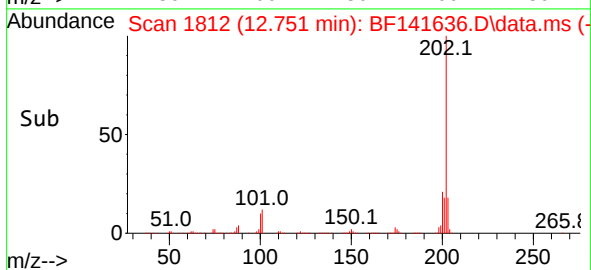
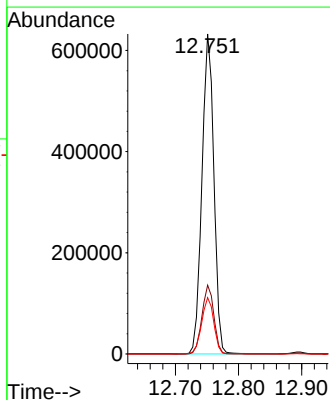
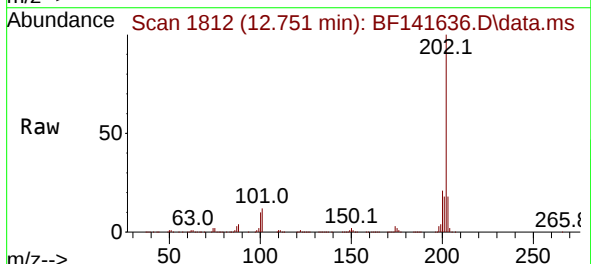
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

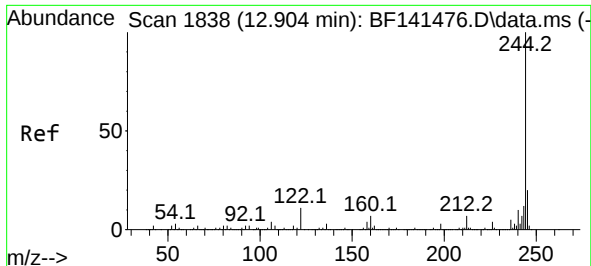
Tgt Ion:184 Resp: 32906
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 12.8 9.3 13.9



#78
Pyrene
Concen: 52.005 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

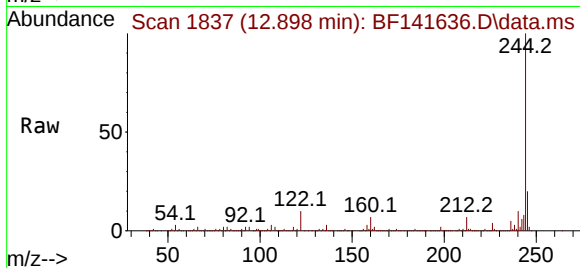
Tgt Ion:202 Resp: 831249
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.6 14.3 21.5



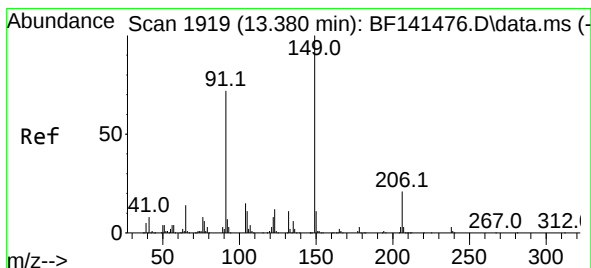
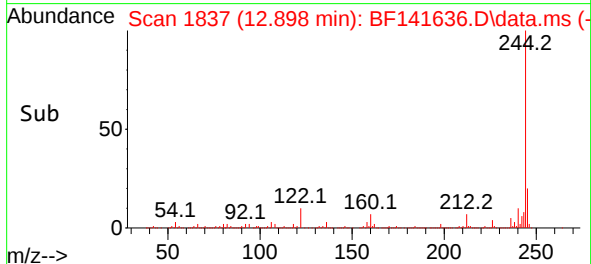
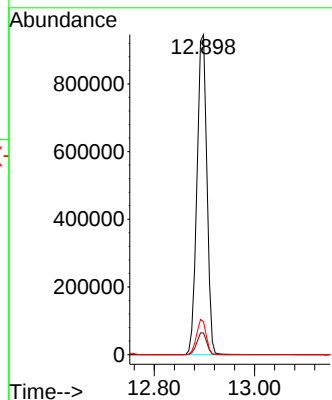


#79
Terphenyl-d14
Concen: 116.623 ng
RT: 12.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

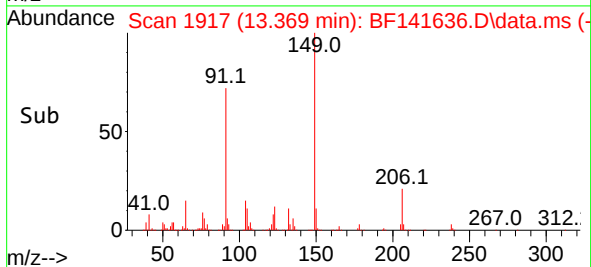
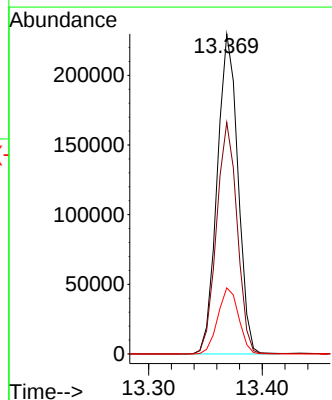
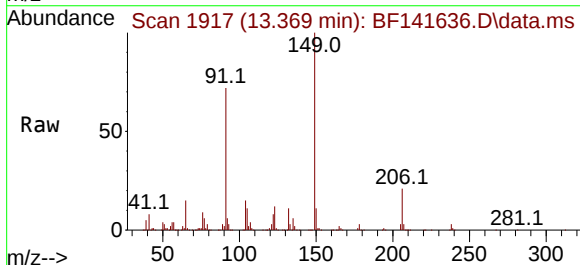


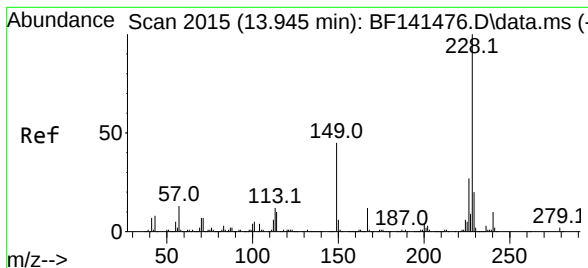
Tgt Ion:244 Resp: 1297134
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.2 8.4 12.6



#80
Butylbenzylphthalate
Concen: 52.645 ng
RT: 13.369 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:149 Resp: 291462
Ion Ratio Lower Upper
149 100
91 72.4 57.8 86.8
206 20.7 16.7 25.1

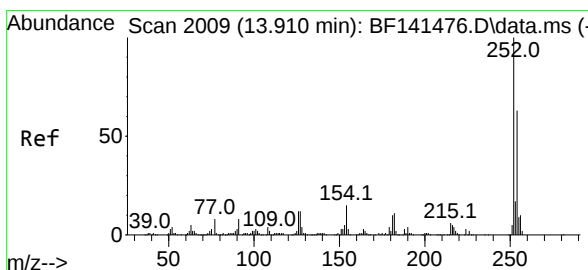
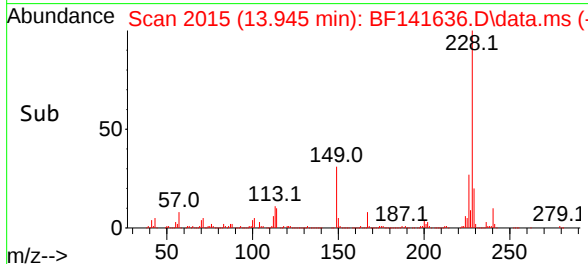
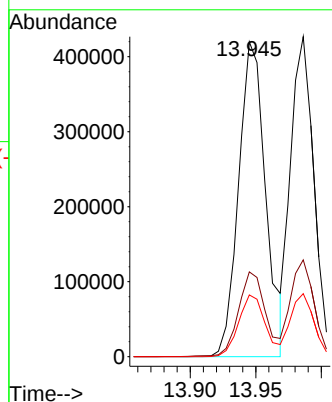
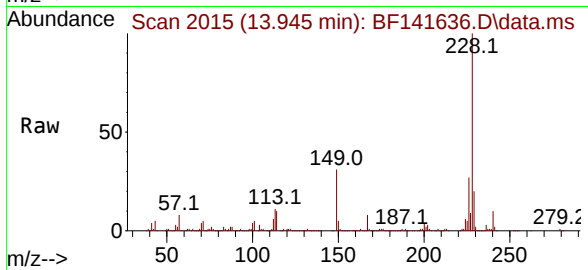




#81
Benzo(a)anthracene
Concen: 48.352 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

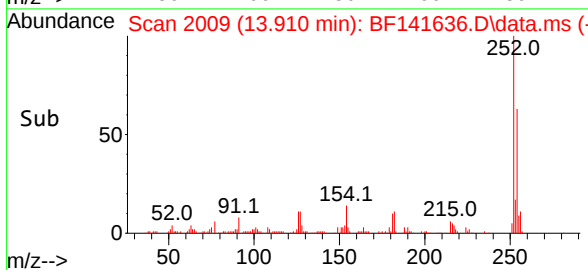
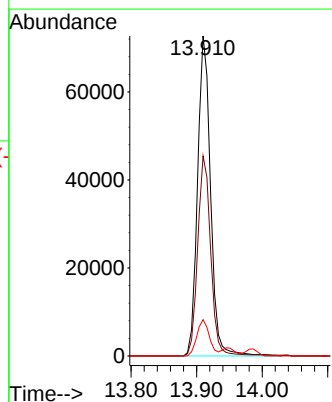
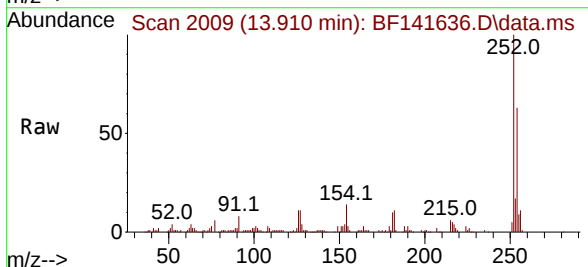
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

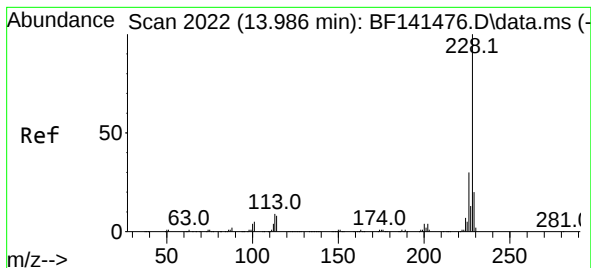
Tgt Ion:228 Resp: 603503
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 28.075 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:252 Resp: 100379
Ion Ratio Lower Upper
252 100
254 62.5 50.6 76.0
126 11.4 9.3 13.9





#83

Chrysene

Concen: 45.600 ng

RT: 13.986 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

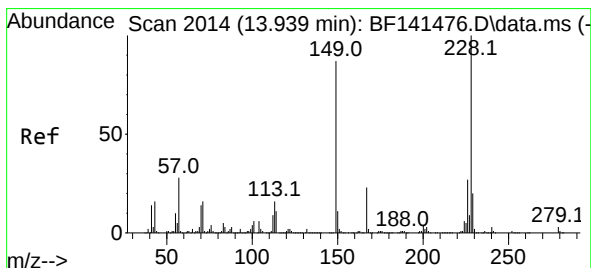
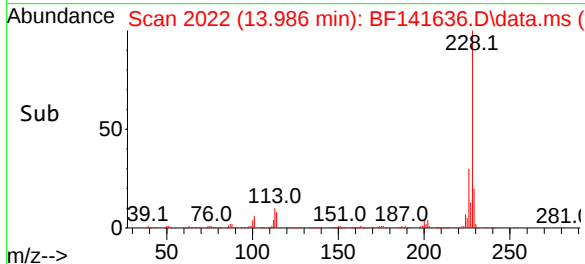
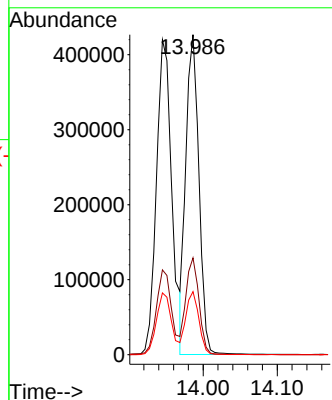
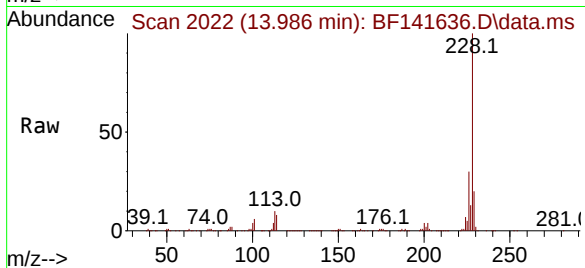
Tgt Ion:228 Resp: 525534

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.076 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

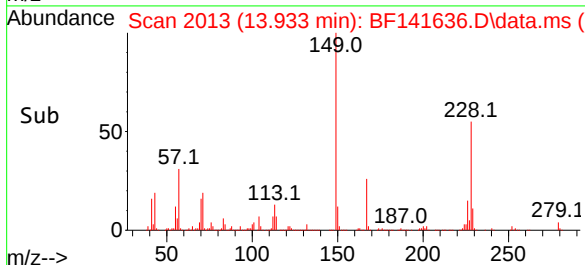
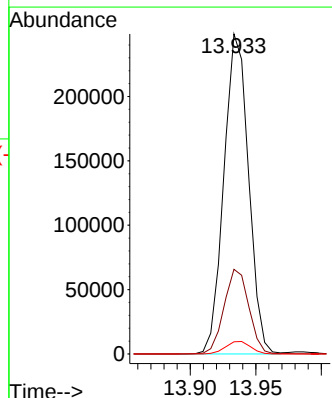
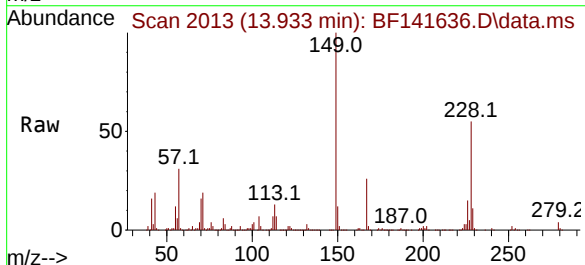
Tgt Ion:149 Resp: 325174

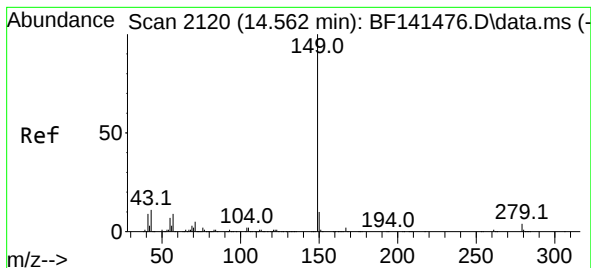
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 50.594 ng

RT: 14.574 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

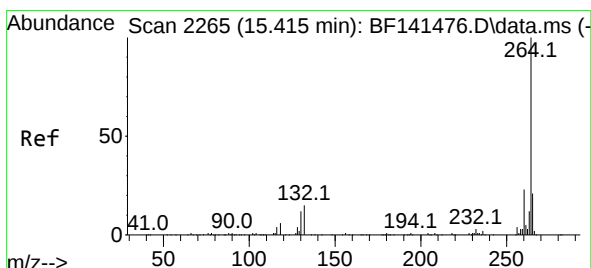
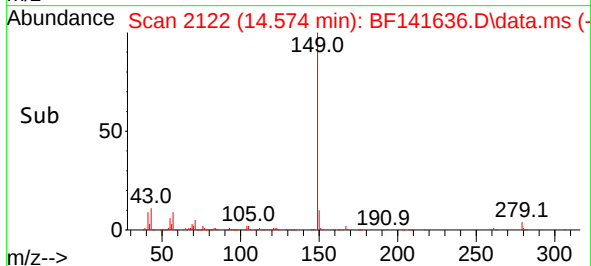
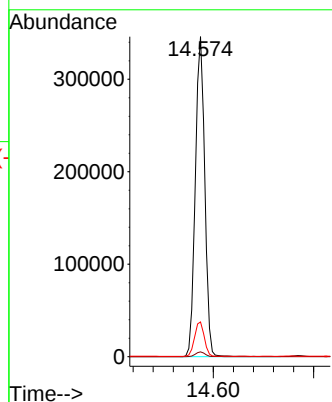
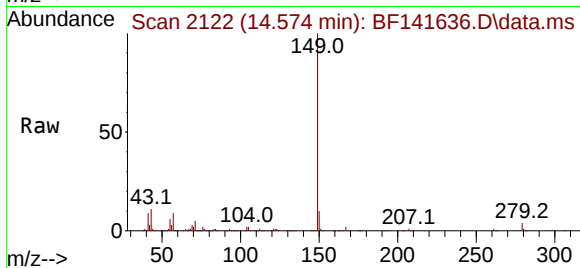
Tgt Ion:149 Resp: 450683

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.2 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. 0.018 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

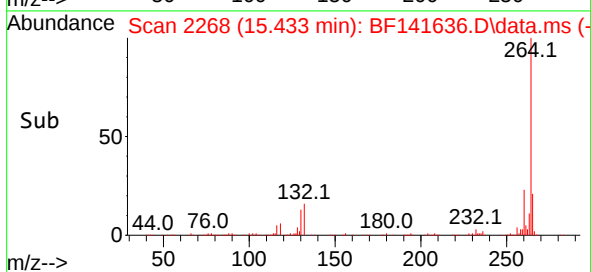
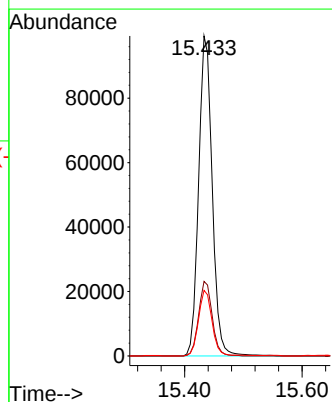
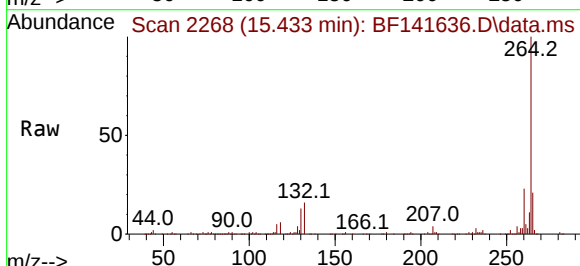
Tgt Ion:264 Resp: 159211

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 20.5 17.0 25.4

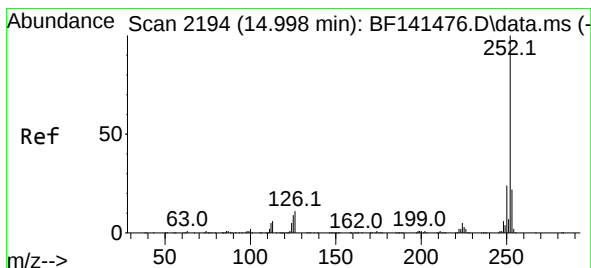
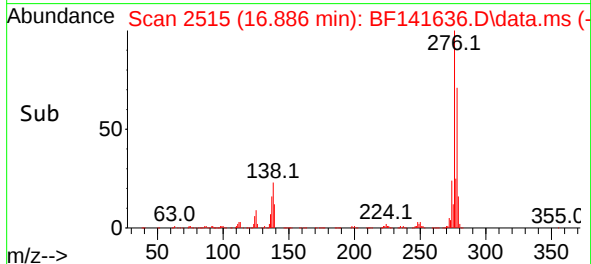
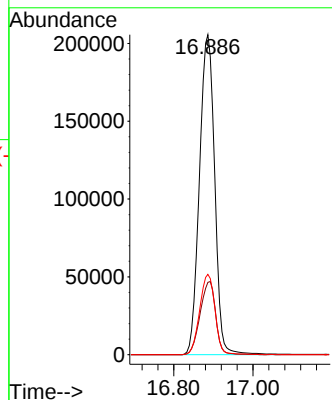
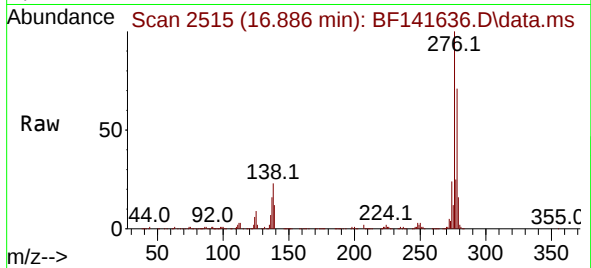




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.817 ng
 RT: 16.886 min Scan# 2197
 Delta R.T. 0.012 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37

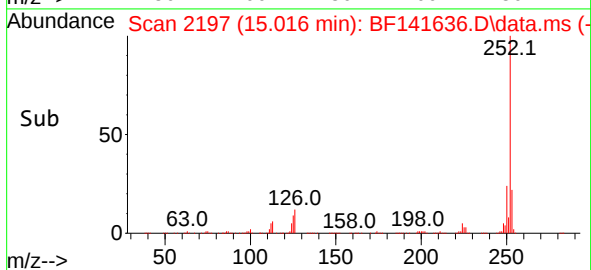
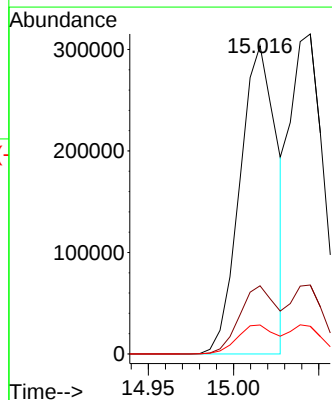
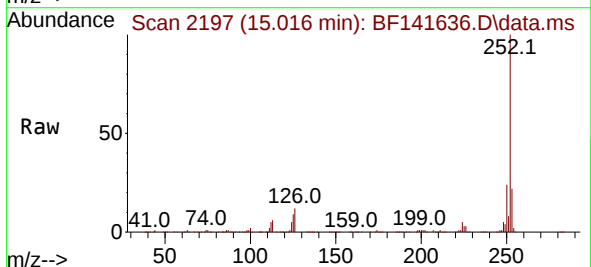
Instrument :
 BNA_F
 ClientSampleId :
 CARBON-WATERMSD

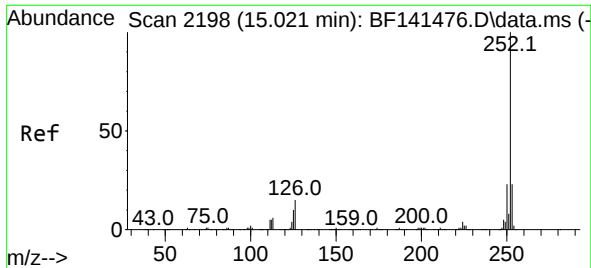
Tgt Ion:276 Resp: 549103
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.0 27.0
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 42.686 ng
 RT: 15.016 min Scan# 2197
 Delta R.T. 0.012 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37

Tgt Ion:252 Resp: 456328
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 9.4 7.0 10.6

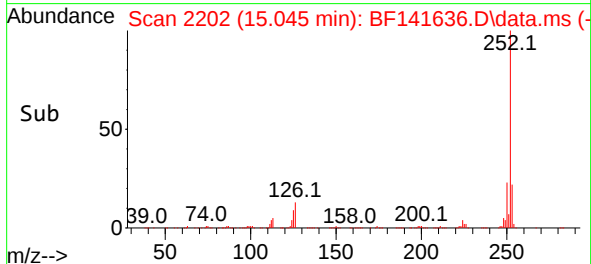
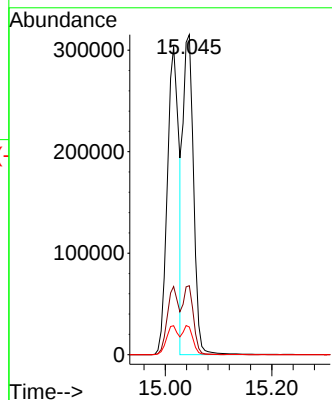
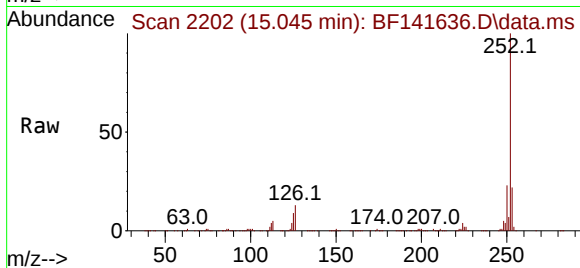




#89
Benzo(k)fluoranthene
Concen: 47.270 ng
RT: 15.045 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

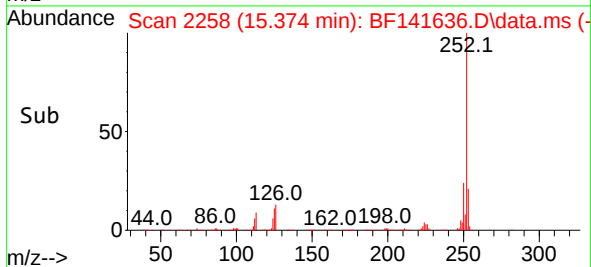
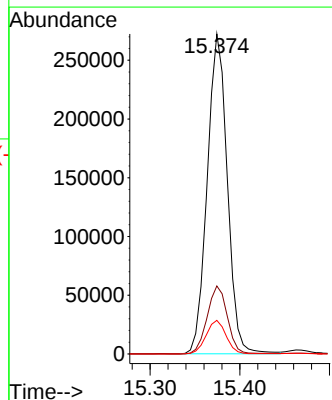
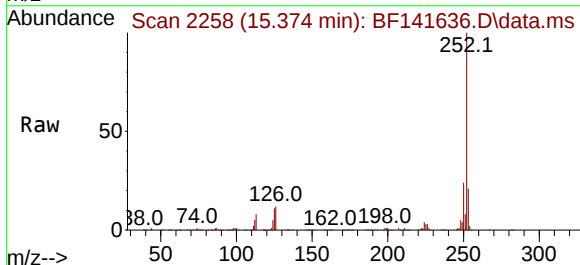
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion:252 Resp: 431507
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 8.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 48.964 ng
RT: 15.374 min Scan# 2258
Delta R.T. 0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:252 Resp: 423546
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 10.5 7.4 11.2

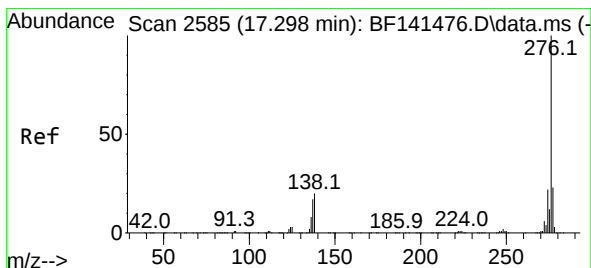
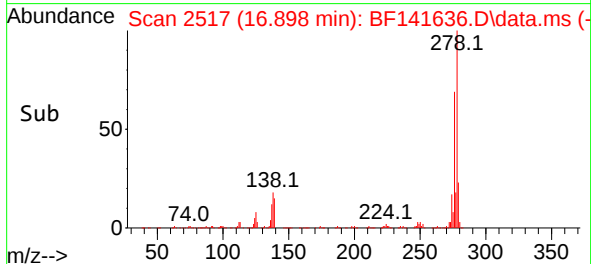
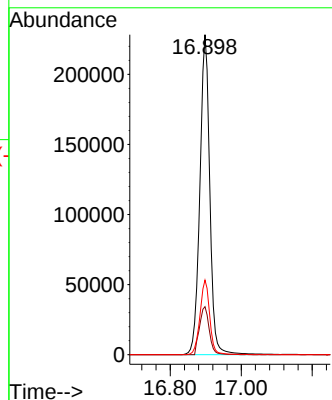
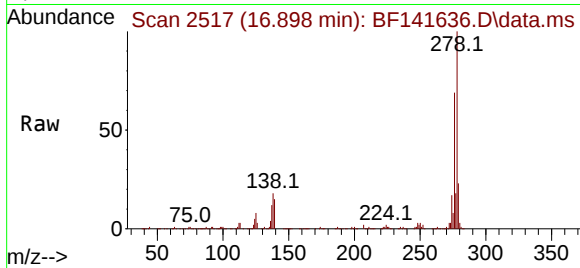




#91
Dibenzo(a,h)anthracene
Concen: 55.839 ng
RT: 16.898 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion:278 Resp: 445100
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.6
279 23.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 52.112 ng
RT: 17.315 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:276 Resp: 434697
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 19.9 15.9 23.9

