

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141668.D
 Acq On : 18 Feb 2025 18:29
 Operator : RC/JU
 Sample : Q1374-01MS 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025MS

Quant Time: Feb 19 00:13:18 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	6.781	152	70858	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	269095	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	116001	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	161875	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	155025	20.000	ng	-0.02
86) Perylene-d12	15.380	264	112862	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	105009	23.233	ng	-0.01
7) Phenol-d6	6.422	99	132166	23.136	ng	-0.02
23) Nitrobenzene-d5	7.339	82	81194	15.738	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	19844	17.029	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	141566	18.802	ng	-0.02
79) Terphenyl-d14	12.880	244	113627	12.374	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	15022	8.258	ng	98
3) Pyridine	3.210	79	32049	7.404	ng	95
4) n-Nitrosodimethylamine	3.140	42	20853	7.275	ng	# 95
6) Aniline	6.445	93	24920	4.650	ng	90
8) 2-Chlorophenol	6.569	128	42935	8.791	ng	99
9) Benzaldehyde	6.334	77	20096	6.620	ng	# 86
10) Phenol	6.434	94	51857	8.722	ng	85
11) bis(2-Chloroethyl)ether	6.510	93	38924	8.716	ng	99
12) 1,3-Dichlorobenzene	6.722	146	46412	9.002	ng	95
13) 1,4-Dichlorobenzene	6.798	146	46798	8.884	ng	98
14) 1,2-Dichlorobenzene	6.951	146	44009	9.001	ng	99
15) Benzyl Alcohol	6.928	79	30313	6.920	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	65919	8.623	ng	76
17) 2-Methylphenol	7.045	107	33331	8.721	ng	# 92
18) Hexachloroethane	7.292	117	22643	11.614	ng	99
19) n-Nitroso-di-n-propyla...	7.187	70	30001	8.780	ng	97
20) 3+4-Methylphenols	7.204	107	43028	8.859	ng	# 67
22) Acetophenone	7.187	105	82921	12.388	ng	# 89
24) Nitrobenzene	7.363	77	45030	8.951	ng	99
25) Isophorone	7.598	82	80080	9.735	ng	# 94
26) 2-Nitrophenol	7.681	139	21623	8.639	ng	94
27) 2,4-Dimethylphenol	7.722	122	32451	11.098	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	47634	9.037	ng	93
29) 2,4-Dichlorophenol	7.939	162	34876	8.828	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	37380	8.689	ng	99
31) Naphthalene	8.086	128	133758	9.549	ng	98
32) Benzoic acid	7.822	122	6813	2.243	ng	# 1
33) 4-Chloroaniline	8.145	127	14056	2.874	ng	# 89
34) Hexachlorobutadiene	8.198	225	23741	9.192	ng	96
35) Caprolactam	8.475	113	14620	12.154	ng	# 54
36) 4-Chloro-3-methylphenol	8.628	107	33502	7.655	ng	98
37) 2-Methylnaphthalene	8.775	142	82366	9.036	ng	97
38) 1-Methylnaphthalene	8.875	142	77871	8.821	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	37974	11.315	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	20172	9.300	ng	97
44) 2,4,5-Trichlorophenol	9.116	196	18306	7.787	ng	# 81

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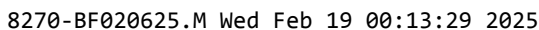
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.239	154	106130	11.801	ng	99
47) 2-Chloronaphthalene	9.263	162	66326	9.973	ng	99
48) 2-Nitroaniline	9.363	65	19221	8.612	ng	94
49) Acenaphthylene	9.675	152	95511	9.656	ng	98
50) Dimethylphthalate	9.533	163	76606	9.728	ng	99
51) 2,6-Dinitrotoluene	9.598	165	14573	8.465	ng	93
52) Acenaphthene	9.845	154	58139	8.743	ng	97
53) 3-Nitroaniline	9.775	138	9723	5.247	ng	# 98
55) Dibenzofuran	10.022	168	81552	8.355	ng	98
56) 4-Nitrophenol	9.975	139	11608	8.439	ng	# 90
57) 2,4-Dinitrotoluene	10.010	165	17389	7.588	ng	# 94
58) Fluorene	10.363	166	62958	8.342	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.145	232	12632	6.242	ng	# 77
60) Diethylphthalate	10.233	149	67329	8.690	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	31269	8.612	ng	99
62) 4-Nitroaniline	10.380	138	12782	6.794	ng	92
63) Azobenzene	10.516	77	60375	7.838	ng	91
65) 4,6-Dinitro-2-methylph...	10.422	198	3083	2.742	ng	# 12
66) n-Nitrosodiphenylamine	10.469	169	56767	10.955	ng	95
67) 4-Bromophenyl-phenylether	10.845	248	16238	8.975	ng	94
68) Hexachlorobenzene	10.910	284	15698	8.426	ng	94
69) Atrazine	10.998	200	17989	11.572	ng	98
70) Pentachlorophenol	11.116	266	10098	8.477	ng	96
71) Phenanthrene	11.322	178	89855	10.084	ng	100
72) Anthracene	11.375	178	83183	9.287	ng	99
73) Carbazole	11.533	167	70516	8.749	ng	98
74) Di-n-butylphthalate	11.863	149	80347	8.634	ng	99
75) Fluoranthene	12.510	202	103594	10.966	ng	99
77) Benzidine	12.645	184	30044	8.787	ng	97
78) Pyrene	12.739	202	111658	8.461	ng	99
80) Butylbenzylphthalate	13.357	149	37087	8.114	ng	97
81) Benzo(a)anthracene	13.927	228	100134	9.717	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	23072	7.816	ng	97
83) Chrysene	13.963	228	91168	9.581	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	50904	9.874	ng	97
85) Di-n-octyl phthalate	14.527	149	81490	11.080	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	54948	7.879	ng	94
88) Benzo(b)fluoranthene	14.963	252	80009	10.558	ng	98
89) Benzo(k)fluoranthene	14.992	252	58851	9.095	ng	99
90) Benzo(a)pyrene	15.321	252	59791	9.751	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	44714	7.913	ng	98
92) Benzo(g,h,i)perylene	17.239	276	43488	7.354	ng	100

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

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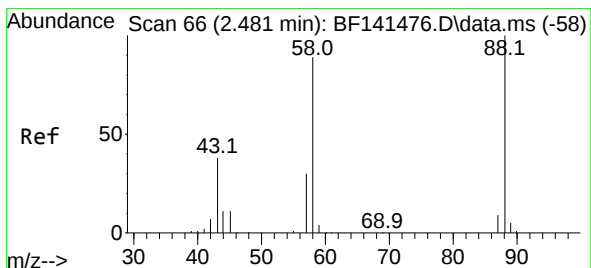
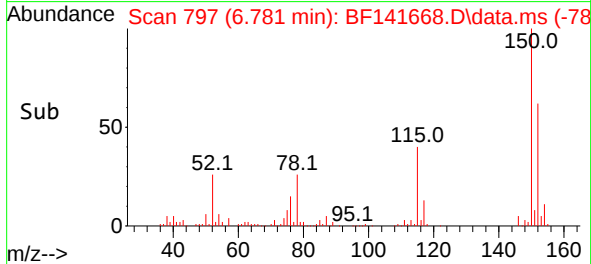
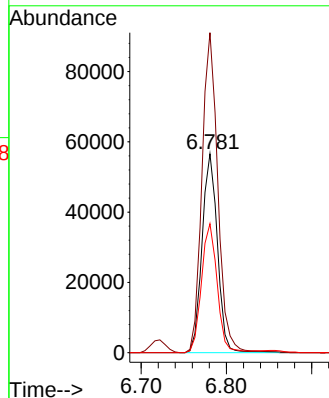
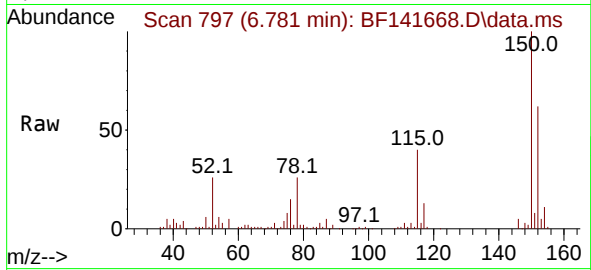




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141668.D
 Acq: 18 Feb 2025 18:29

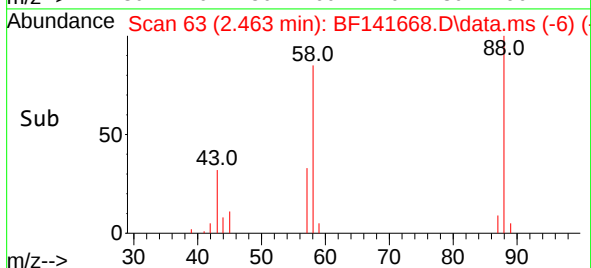
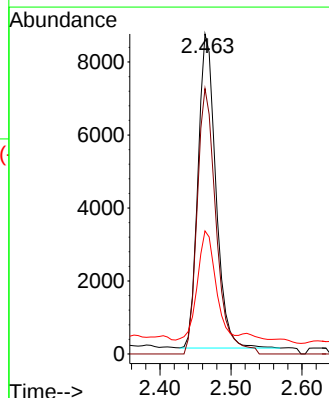
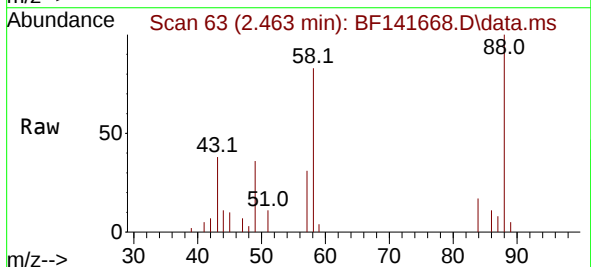
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 TR-05-02142025MS

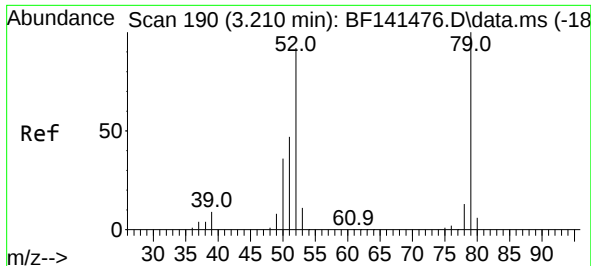
Tgt Ion:152 Resp: 70858
 Ion Ratio Lower Upper
 152 100
 150 161.0 125.0 187.4
 115 64.8 53.6 80.4



#2
 1,4-Dioxane
 Concen: 8.258 ng
 RT: 2.463 min Scan# 63
 Delta R.T. -0.018 min
 Lab File: BF141668.D
 Acq: 18 Feb 2025 18:29

Tgt Ion: 88 Resp: 15022
 Ion Ratio Lower Upper
 88 100
 58 89.9 71.1 106.7
 43 35.7 30.6 46.0





#3

Pyridine

Concen: 7.404 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

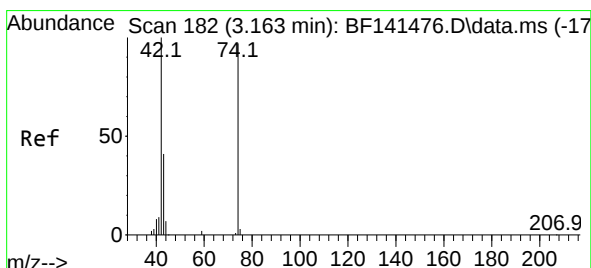
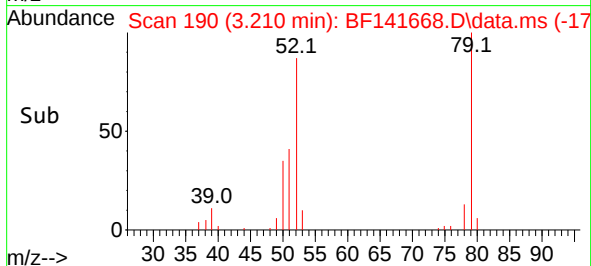
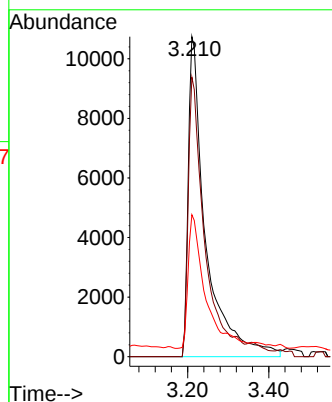
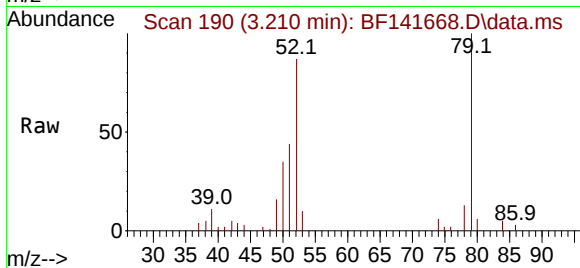
Tgt Ion: 79 Resp: 32049

Ion Ratio Lower Upper

79 100

52 87.4 73.7 110.5

51 44.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 7.275 ng

RT: 3.140 min Scan# 178

Delta R.T. -0.047 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

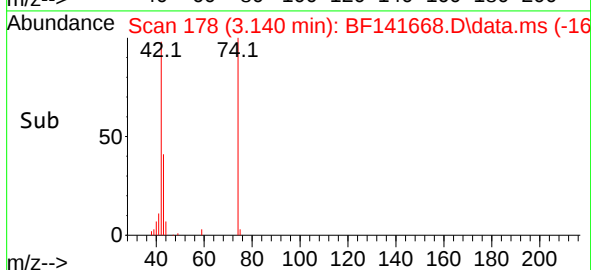
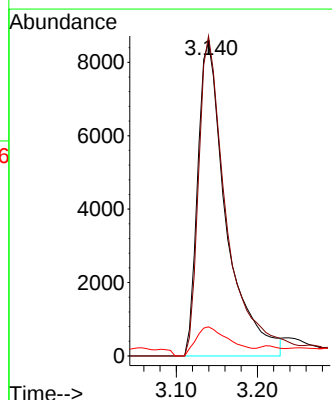
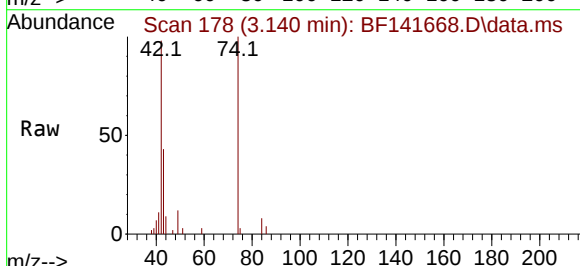
Tgt Ion: 42 Resp: 20853

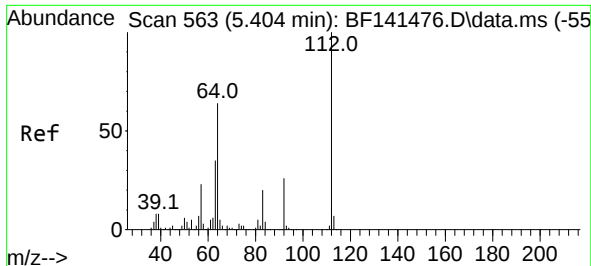
Ion Ratio Lower Upper

42 100

74 101.9 78.0 117.0

44 9.3 5.4 8.2

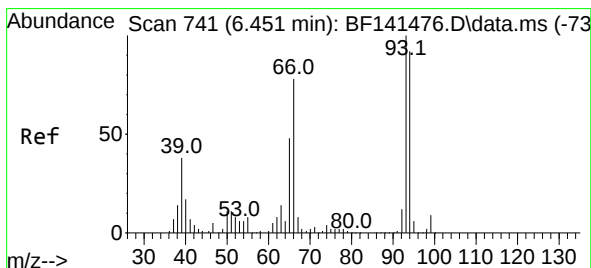
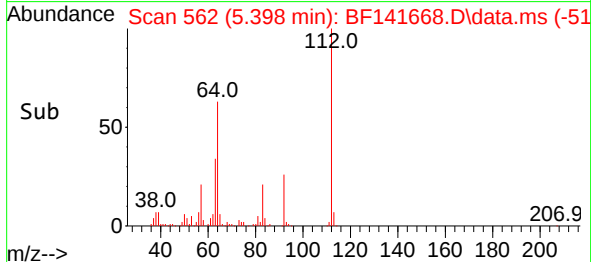
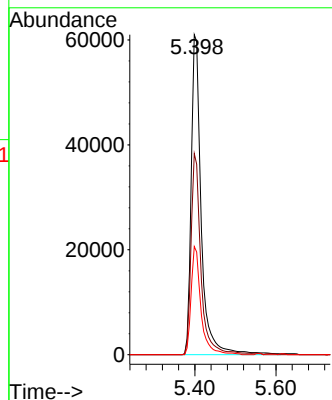
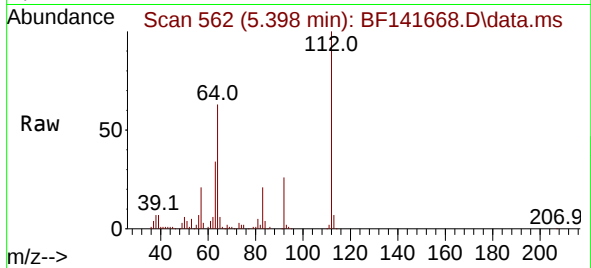




#5
2-Fluorophenol
Concen: 23.233 ng
RT: 5.398 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

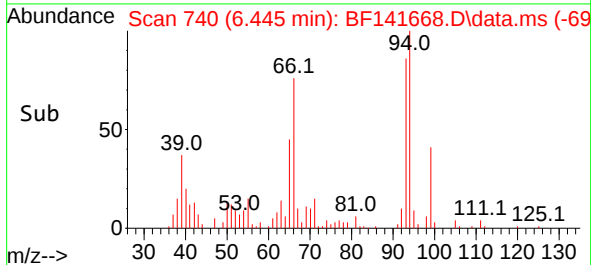
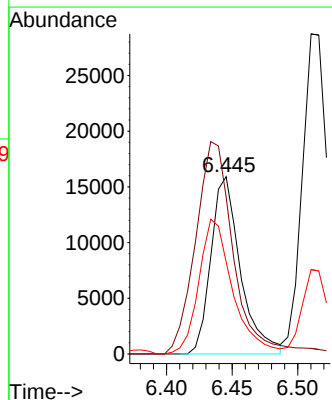
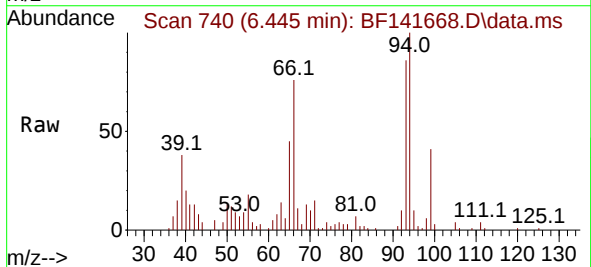
Instrument :
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Tgt Ion:112 Resp: 105009
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 33.8 28.4 42.6



#6
Aniline
Concen: 4.650 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion: 93 Resp: 24920
Ion Ratio Lower Upper
93 100
66 88.7 62.6 94.0
65 52.0 38.3 57.5





#7

Phenol-d6

Concen: 23.136 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

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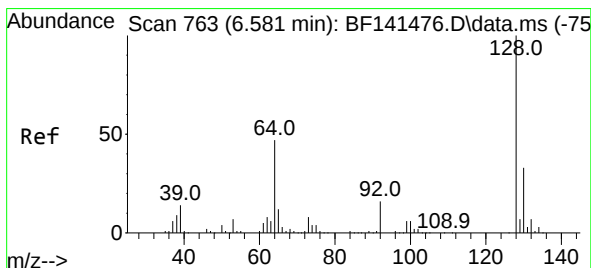
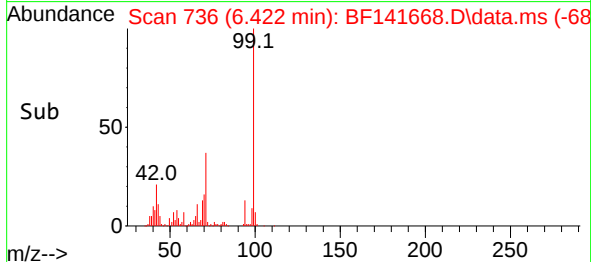
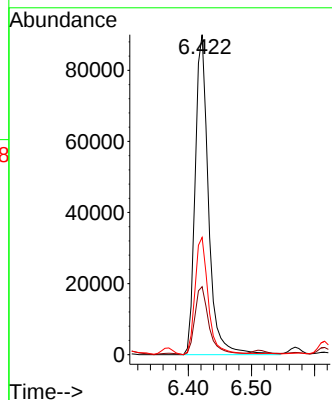
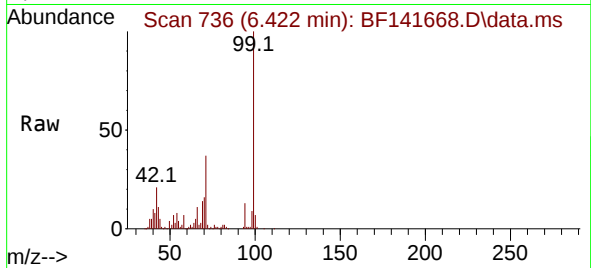
Tgt Ion: 99 Resp: 132166

Ion Ratio Lower Upper

99 100

42 21.3 19.1 28.7

71 36.7 31.1 46.7



#8

2-Chlorophenol

Concen: 8.791 ng

RT: 6.569 min Scan# 761

Delta R.T. -0.018 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

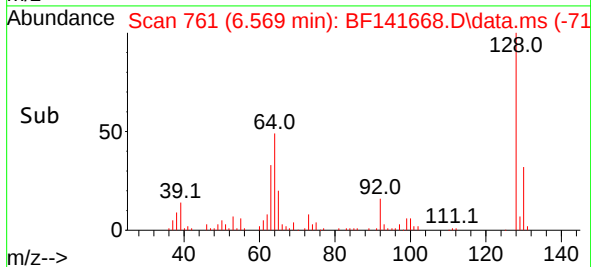
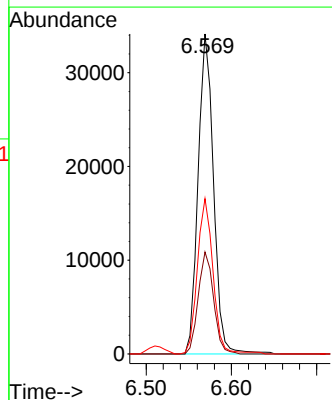
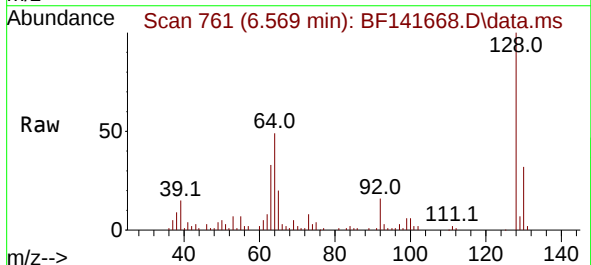
Tgt Ion: 128 Resp: 42935

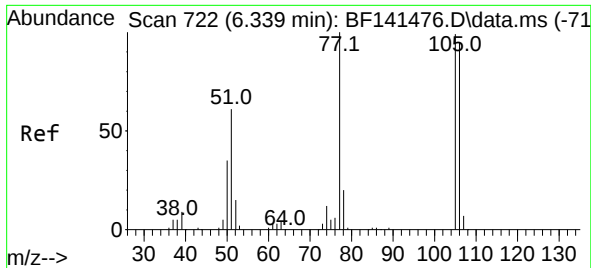
Ion Ratio Lower Upper

128 100

130 31.9 12.7 52.7

64 48.6 28.3 68.3





#9

Benzaldehyde

Concen: 6.620 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

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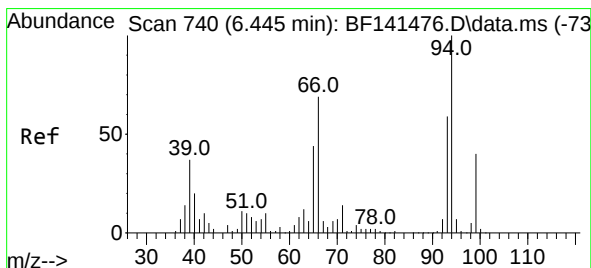
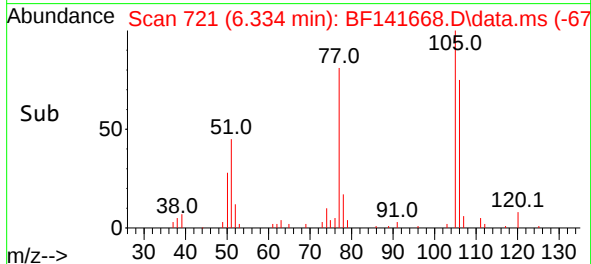
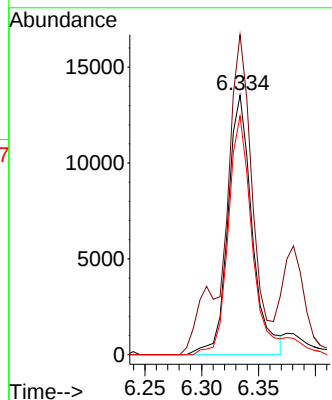
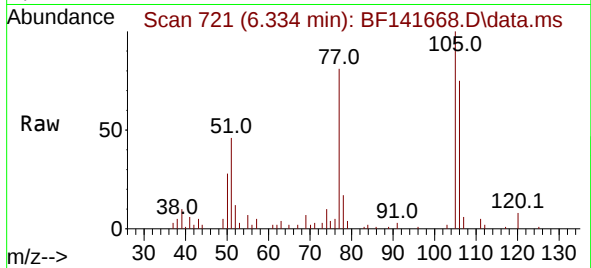
Tgt Ion: 77 Resp: 20096

Ion Ratio Lower Upper

77 100

105 123.3 79.4 119.4#

106 92.0 75.1 115.1



#10

Phenol

Concen: 8.722 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.023 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

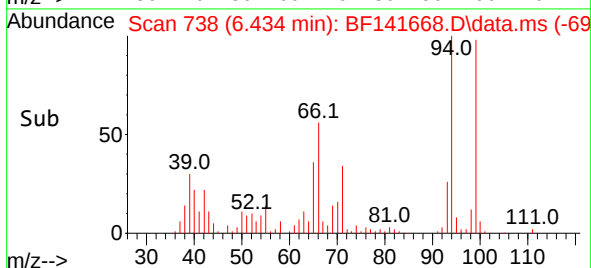
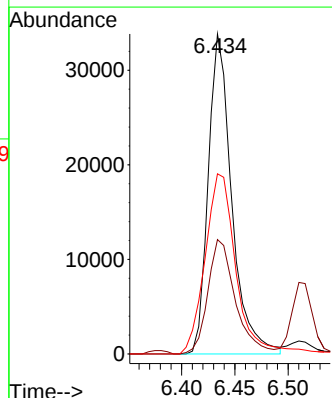
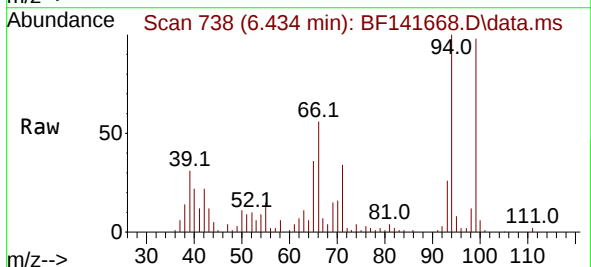
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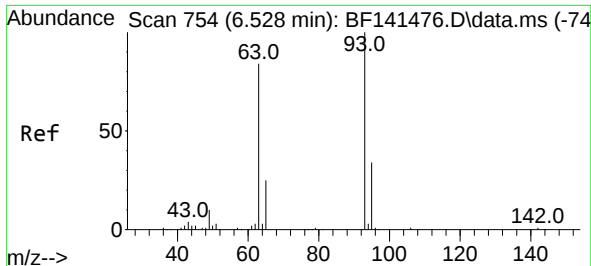
Ion Ratio Lower Upper

94 100

65 35.7 23.7 63.7

66 56.3 49.3 89.3

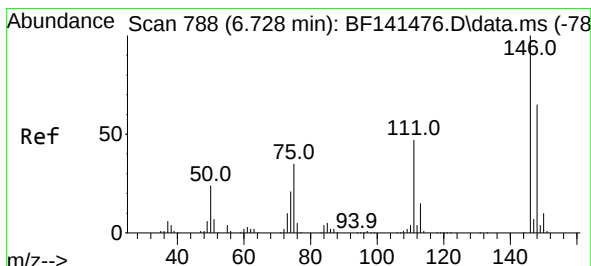
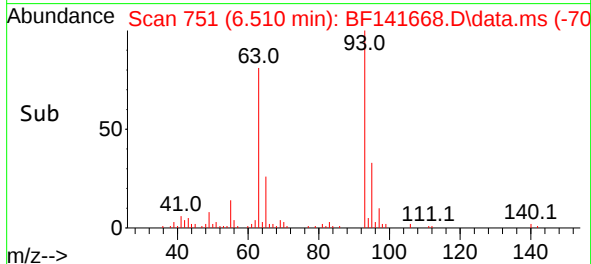
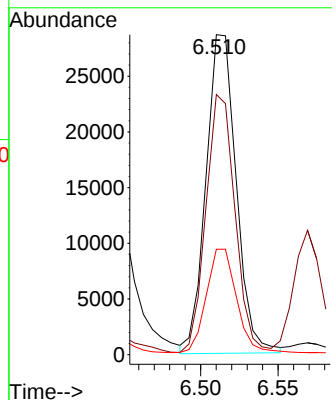
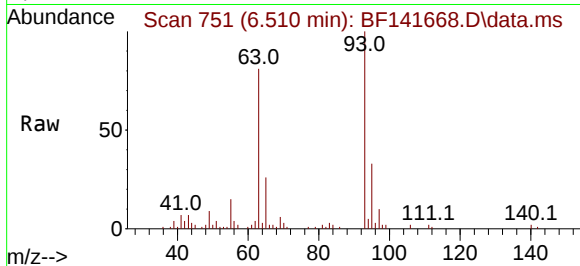




#11
bis(2-Chloroethyl)ether
Concen: 8.716 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

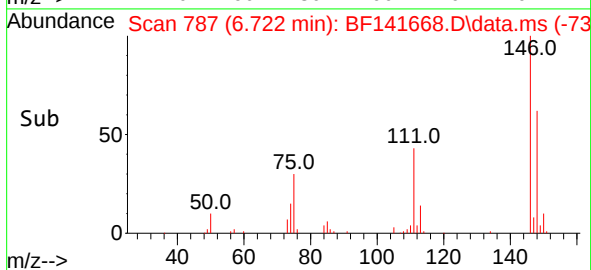
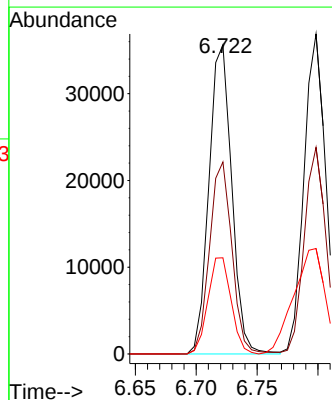
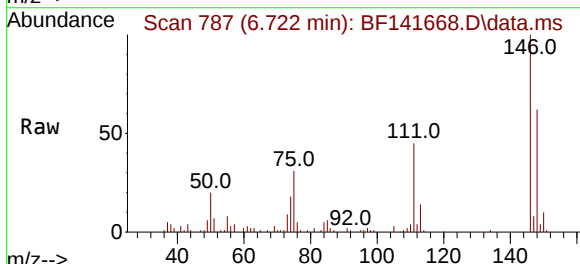
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

Tgt Ion:	93	Resp:	38924
Ion	Ratio	Lower	Upper
93	100		
63	81.3	62.0	102.0
95	33.0	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 9.002 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:	146	Resp:	46412
Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.9	77.9
75	31.1	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 8.884 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

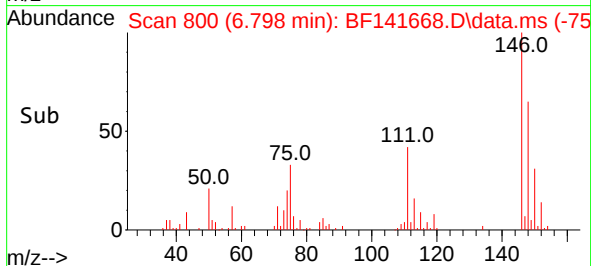
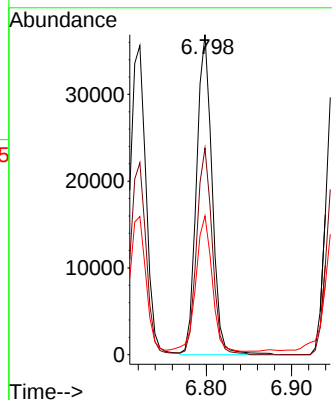
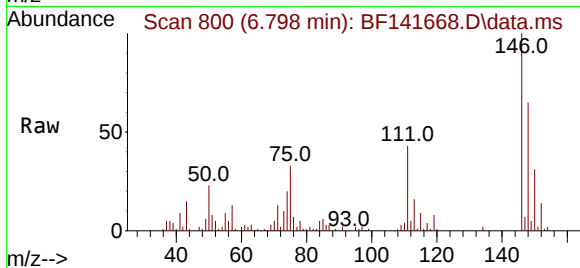
Tgt Ion:146 Resp: 46798

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

111 43.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 9.001 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

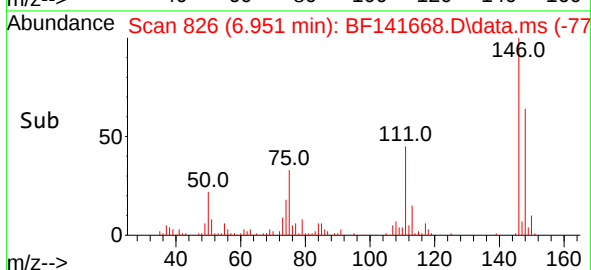
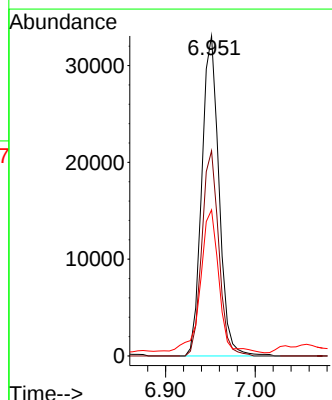
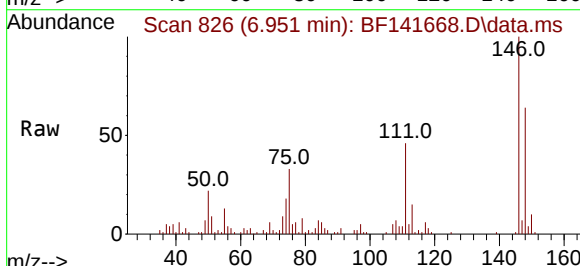
Tgt Ion:146 Resp: 44009

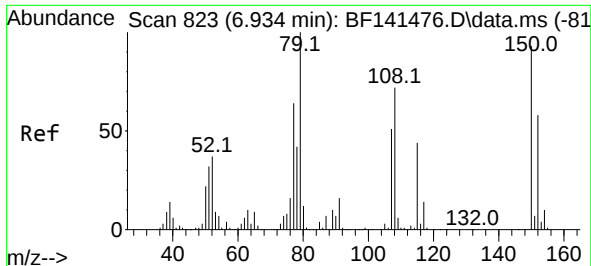
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 45.6 37.0 55.4

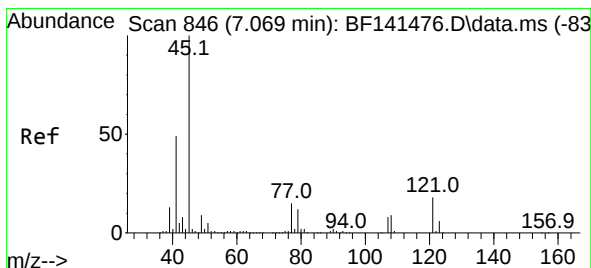
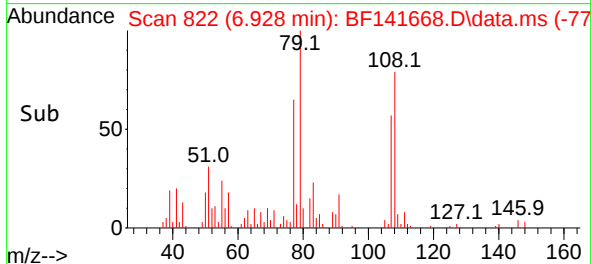
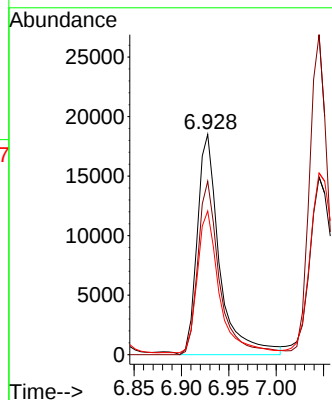
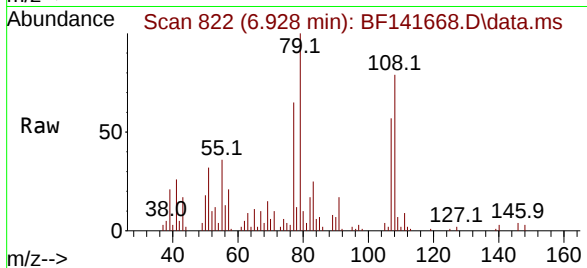




#15
Benzyl Alcohol
Concen: 6.920 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

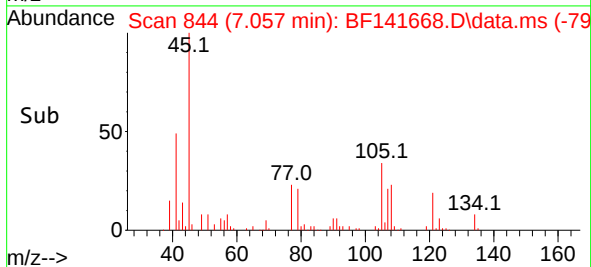
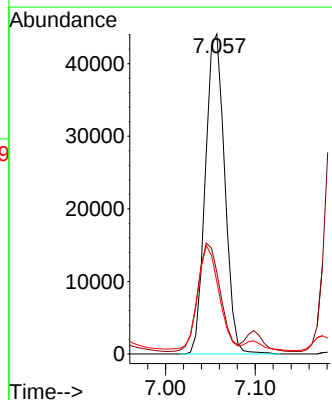
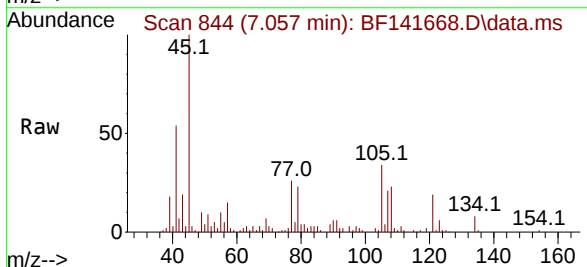
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

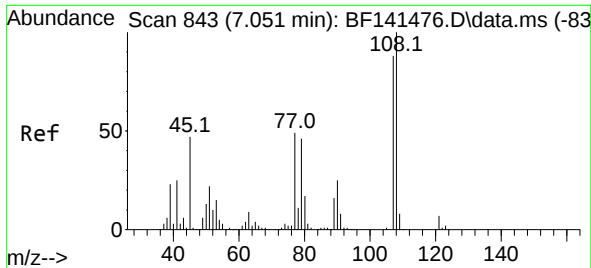
Tgt Ion: 79 Resp: 30313
Ion Ratio Lower Upper
79 100
108 78.7 57.4 86.2
77 65.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.623 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

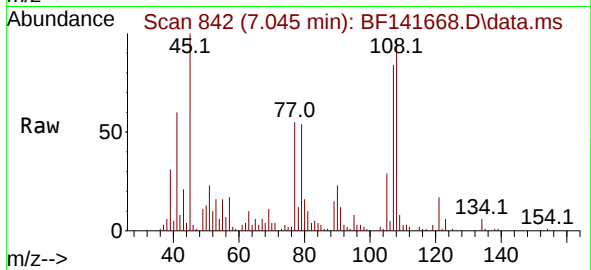
Tgt Ion: 45 Resp: 65919
Ion Ratio Lower Upper
45 100
77 25.5 0.0 35.8
79 22.6 0.0 32.7



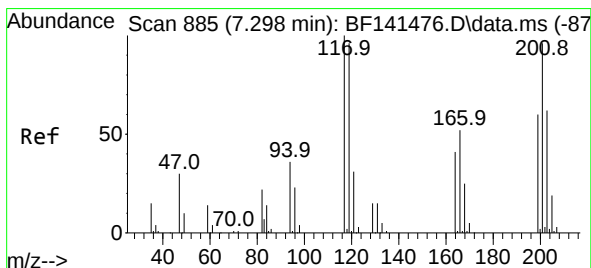
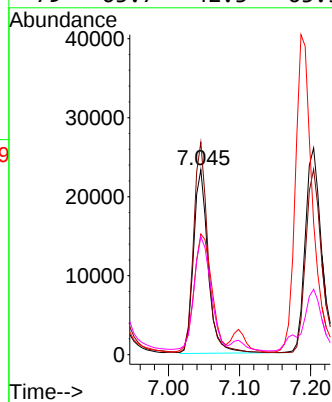
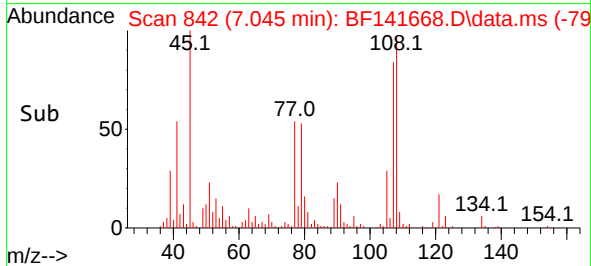


#17
2-Methylphenol
Concen: 8.721 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

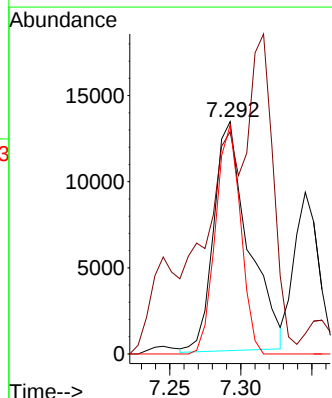
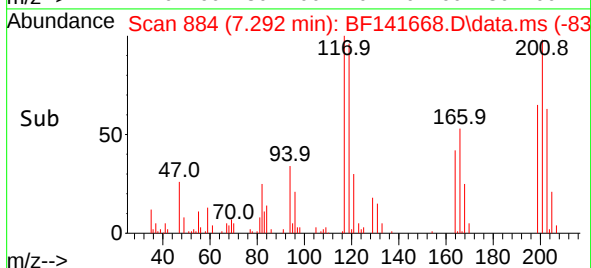
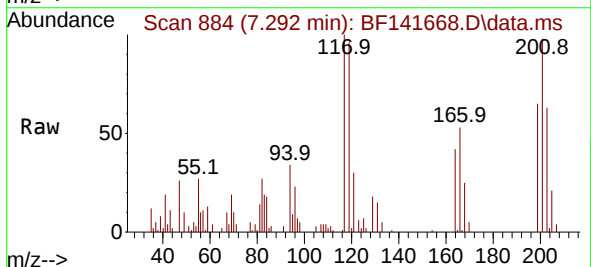


Tgt Ion:107 Resp: 33331
Ion Ratio Lower Upper
107 100
108 114.8 90.6 136.0
77 65.2 44.4 66.6
79 63.7 42.3 63.5#



#18
Hexachloroethane
Concen: 11.614 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:117 Resp: 22643
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 98.5 76.7 115.1



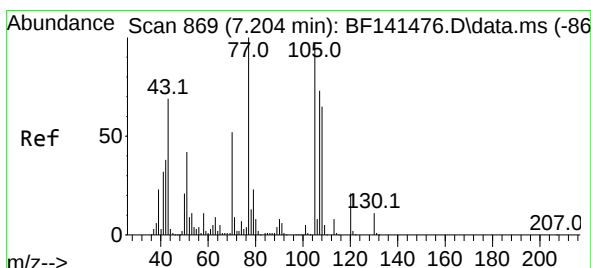
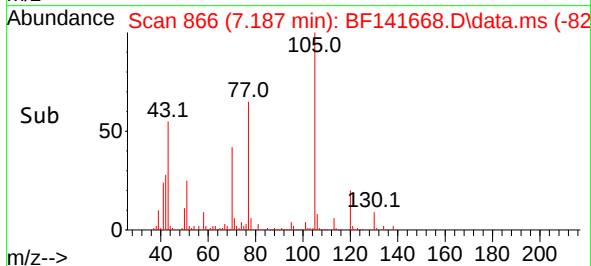
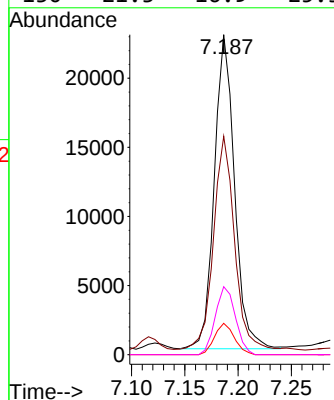
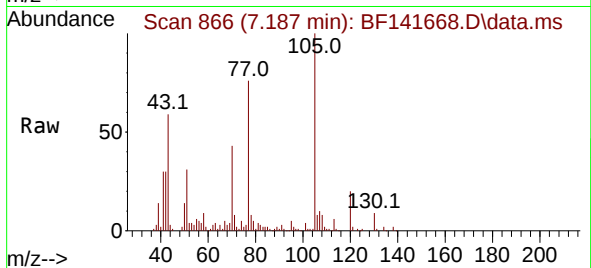


#19
n-Nitroso-di-n-propylamine
Concen: 8.780 ng
RT: 7.187 min Scan# 866
Delta R.T. -0.029 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

Tgt Ion: 70 Resp: 30001

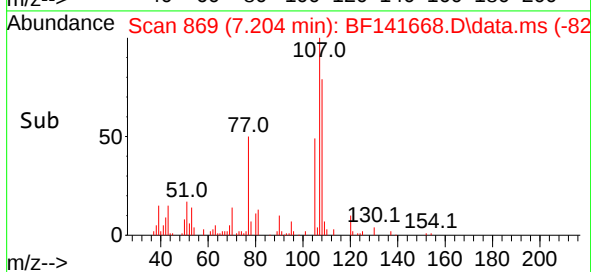
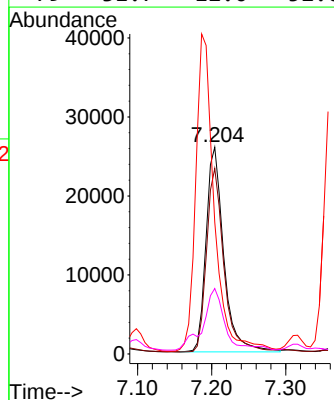
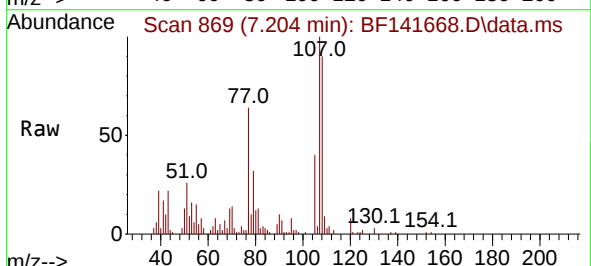
Ion	Ratio	Lower	Upper
70	100		
42	68.3	57.4	86.2
101	9.8	8.0	12.0
130	21.3	16.9	25.3

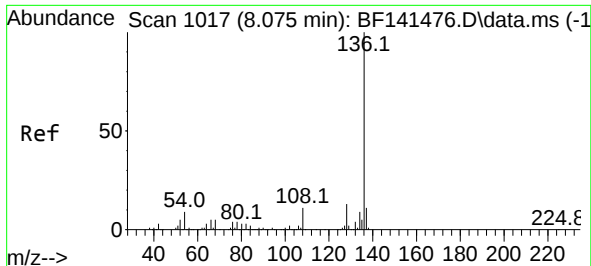


#20
3+4-Methylphenols
Concen: 8.859 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion: 107 Resp: 43028

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.5	108.5
77	63.8	116.5	156.5#
79	31.7	12.0	52.0

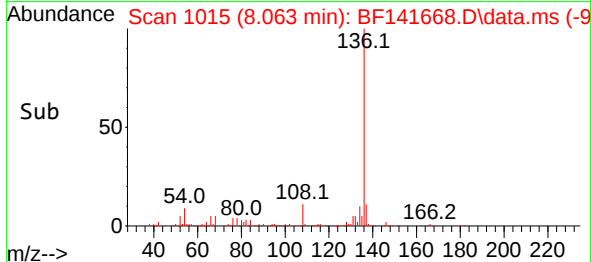
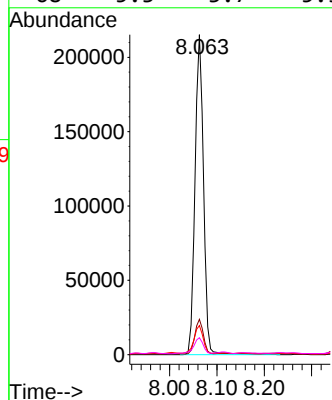
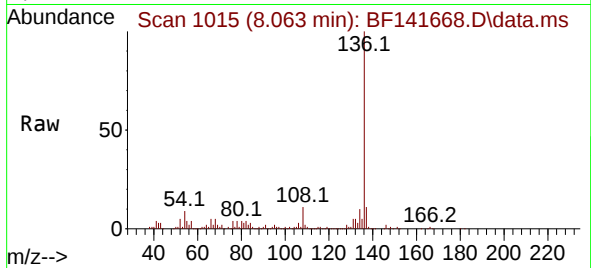




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

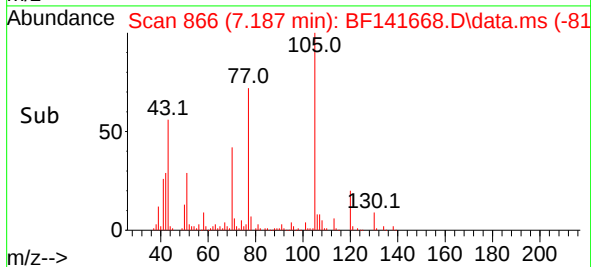
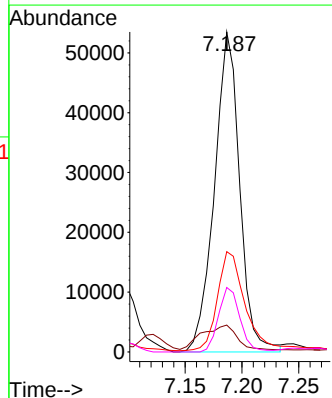
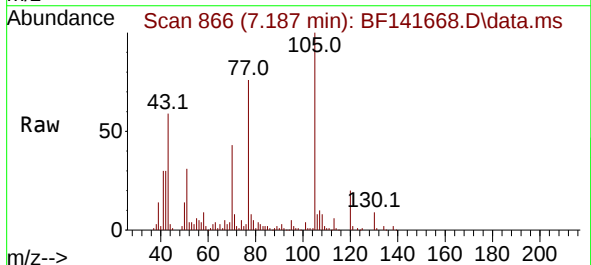
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

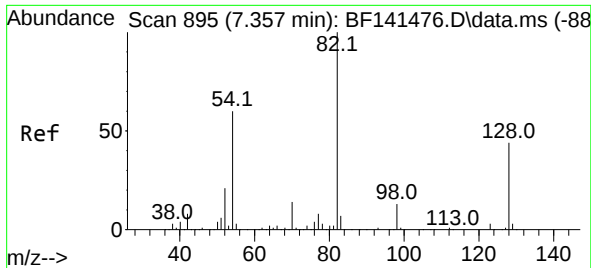
Tgt Ion:	136	Resp:	269095
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.1	7.2	10.8
68	5.3	3.7	5.5



#22
Acetophenone
Concen: 12.388 ng
RT: 7.187 min Scan# 866
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:	105	Resp:	82921
Ion Ratio	Lower	Upper	
105	100		
71	8.4	5.7	8.5
51	31.4	33.7	50.5
120	20.1	17.0	25.6

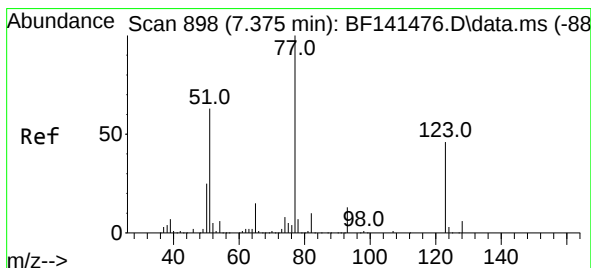
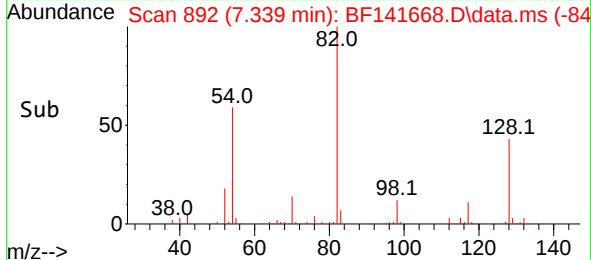
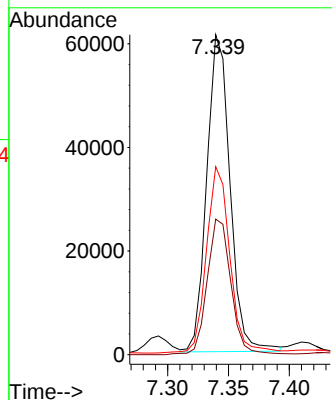
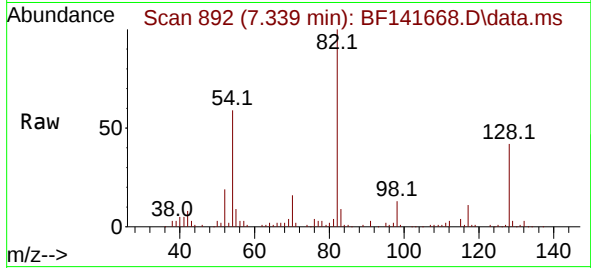




#23
Nitrobenzene-d5
Concen: 15.738 ng
RT: 7.339 min Scan# 891
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

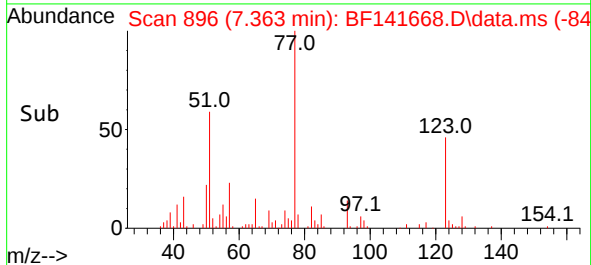
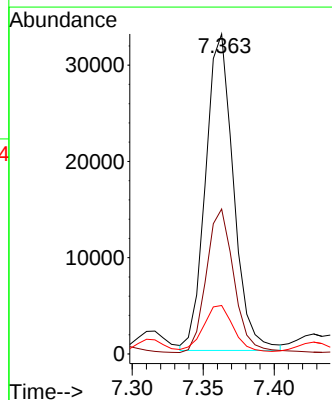
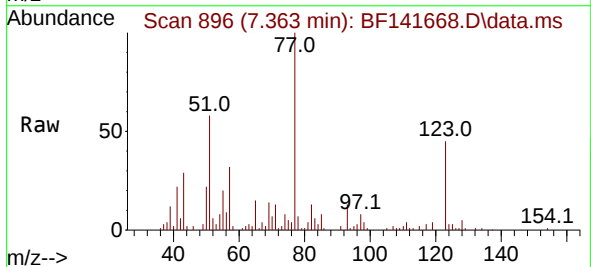
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

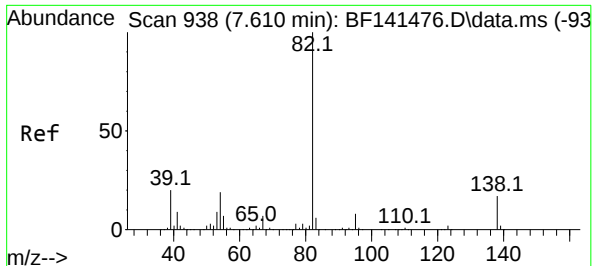
Tgt Ion: 82 Resp: 81194
Ion Ratio Lower Upper
82 100
128 42.4 34.8 52.2
54 58.8 48.2 72.4



#24
Nitrobenzene
Concen: 8.951 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion: 77 Resp: 45030
Ion Ratio Lower Upper
77 100
123 45.3 36.9 55.3
65 15.2 11.9 17.9

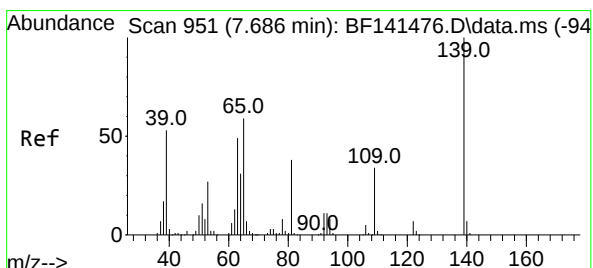
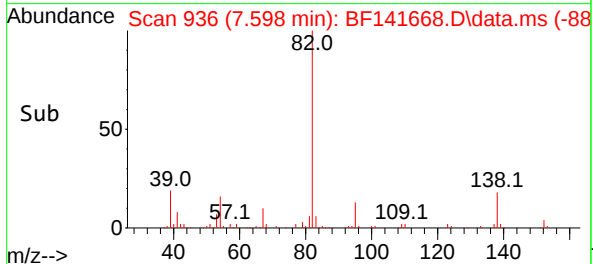
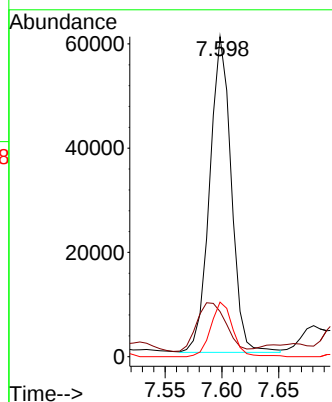
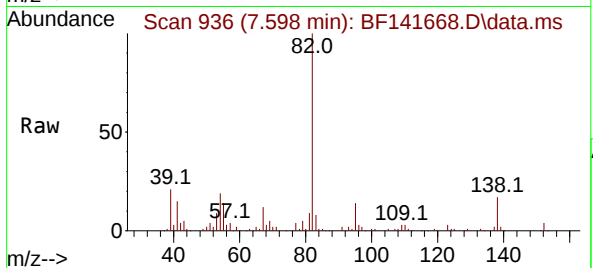




#25
Isophorone
Concen: 9.735 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

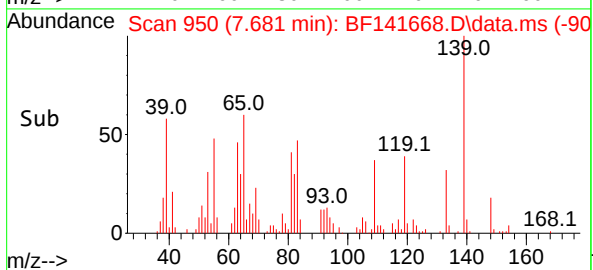
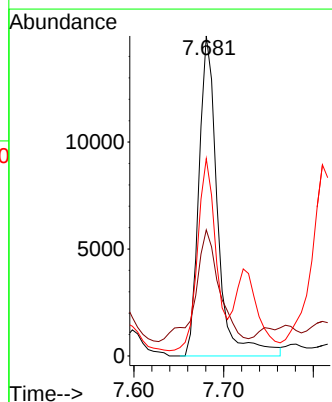
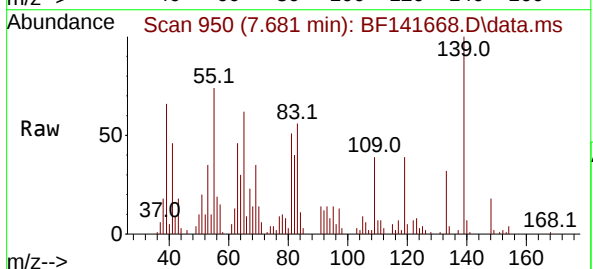
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

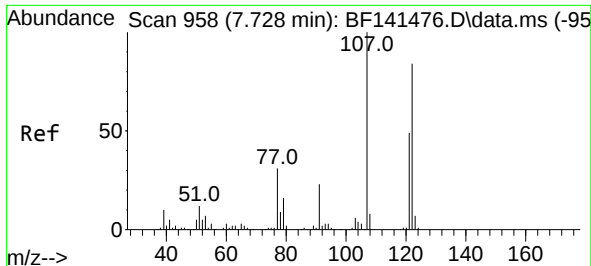
Tgt Ion: 82 Resp: 80080
Ion Ratio Lower Upper
82 100
95 14.1 6.4 9.6#
138 17.0 13.9 20.9



#26
2-Nitrophenol
Concen: 8.639 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:139 Resp: 21623
Ion Ratio Lower Upper
139 100
109 39.4 27.0 40.6
65 61.6 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 11.098 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

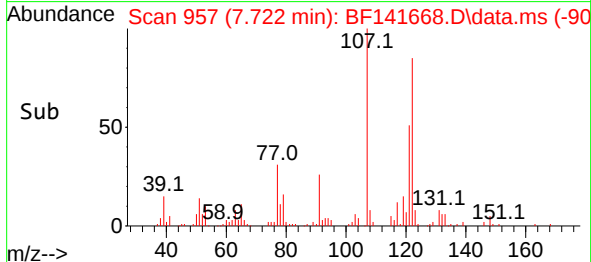
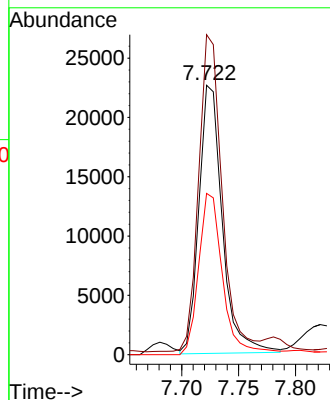
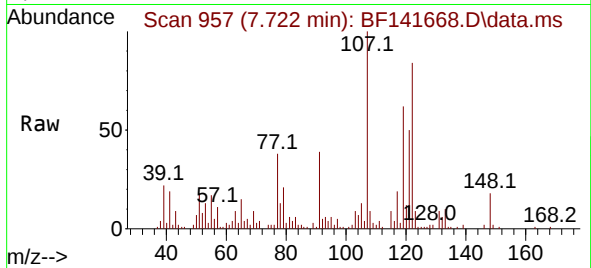
Tgt Ion:122 Resp: 32451

Ion Ratio Lower Upper

122 100

107 118.7 94.3 141.5

121 59.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 9.037 ng

RT: 7.810 min Scan# 972

Delta R.T. -0.018 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

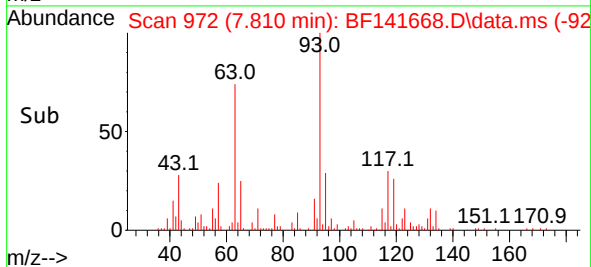
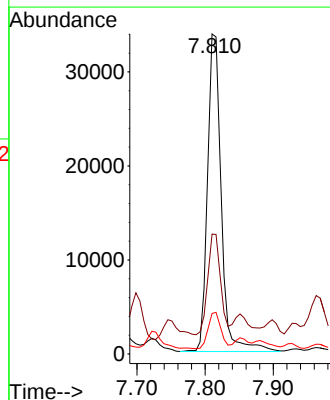
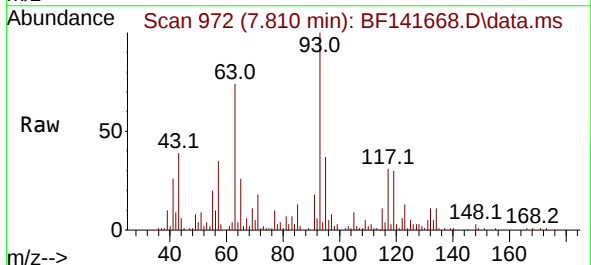
Tgt Ion: 93 Resp: 47634

Ion Ratio Lower Upper

93 100

95 37.5 26.1 39.1

123 12.7 9.5 14.3

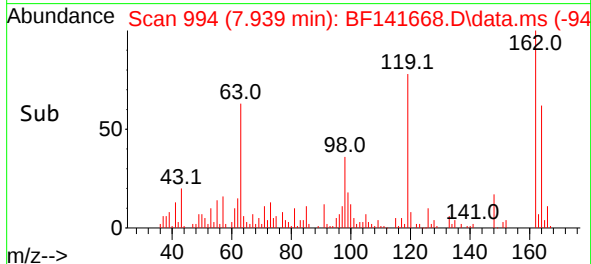
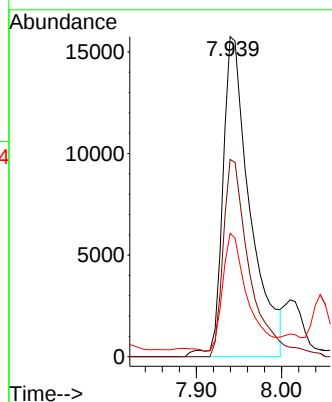
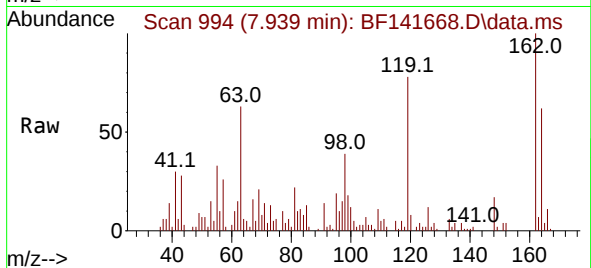




#29
2,4-Dichlorophenol
Concen: 8.828 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

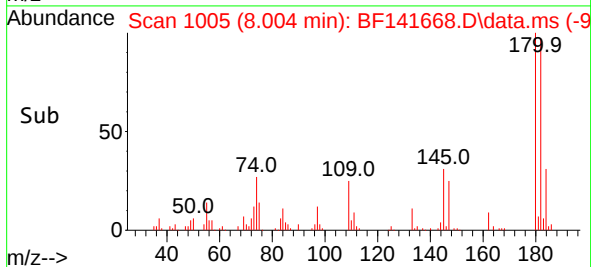
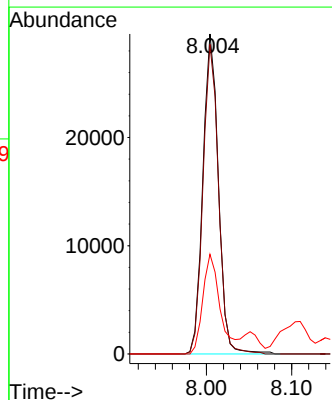
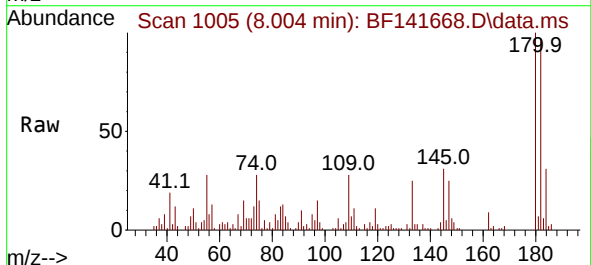
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

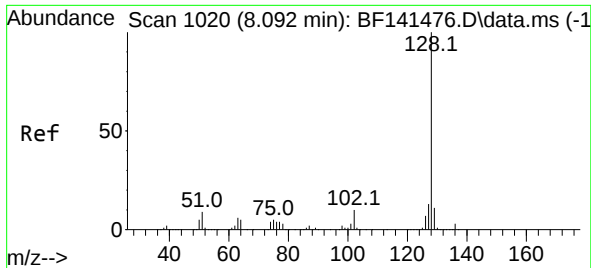
Tgt Ion:162	Resp:	34876
Ion Ratio	Lower	Upper
162	100	
164	61.7	44.6 84.6
98	38.5	17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 8.689 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:180	Resp:	37380
Ion Ratio	Lower	Upper
180	100	
182	96.8	76.8 115.2
145	31.1	24.2 36.4

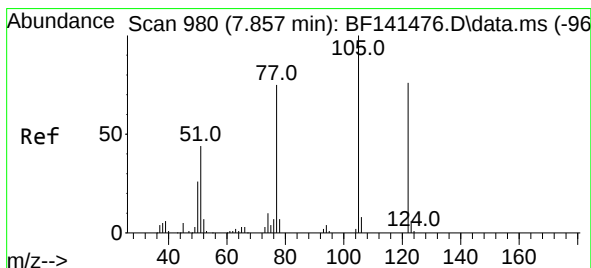
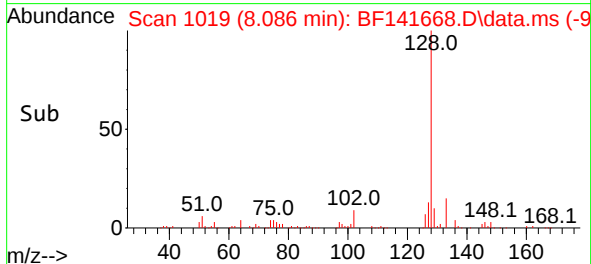
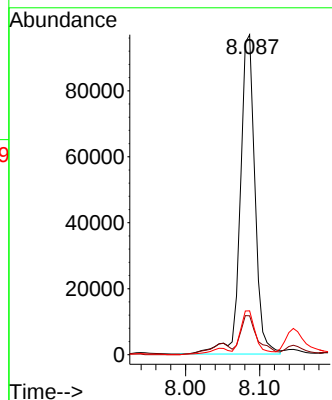
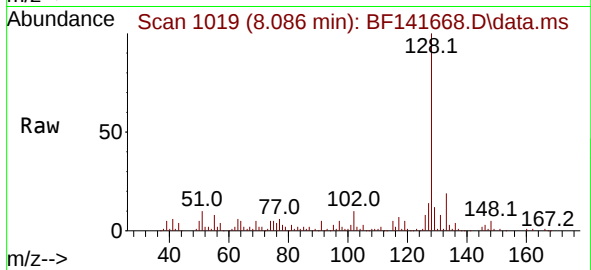




#31
Naphthalene
Concen: 9.549 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

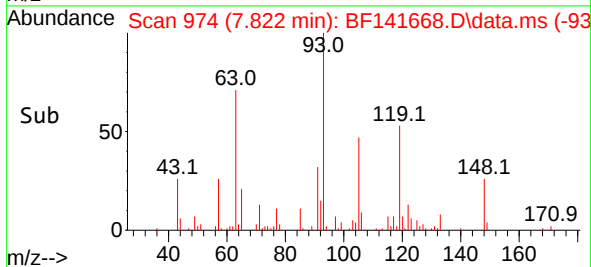
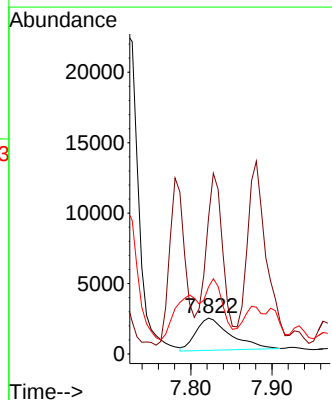
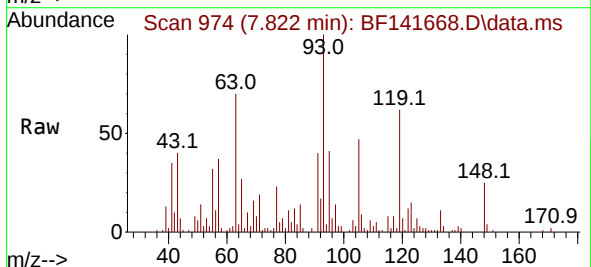
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

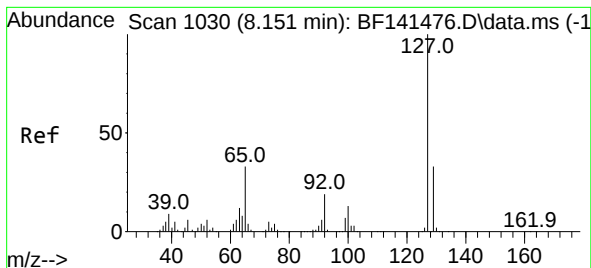
Tgt Ion:128 Resp: 133758
Ion Ratio Lower Upper
128 100
129 12.2 8.9 13.3
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 2.243 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.070 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:122 Resp: 6813
Ion Ratio Lower Upper
122 100
105 380.2 106.5 146.5#
77 186.9 76.3 116.3#





#33

4-Chloroaniline

Concen: 2.874 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

Tgt Ion:127 Resp: 14056

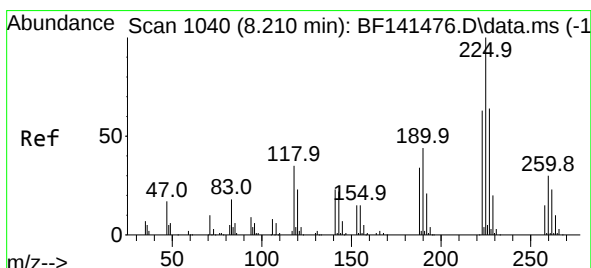
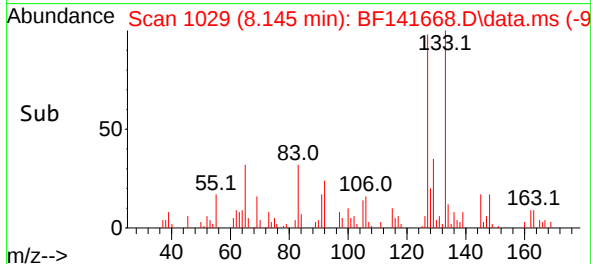
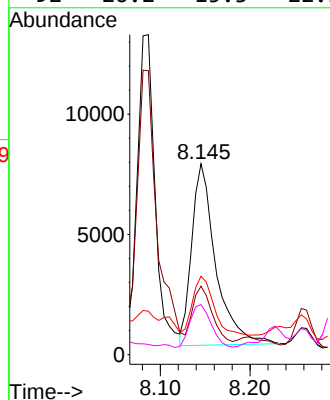
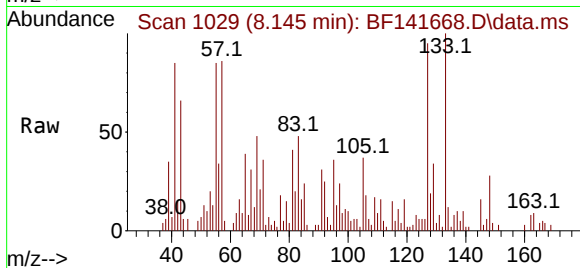
Ion Ratio Lower Upper

127 100

129 35.9 26.5 39.7

65 41.1 26.4 39.6#

92 26.2 15.3 22.9#



#34

Hexachlorobutadiene

Concen: 9.192 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.012 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

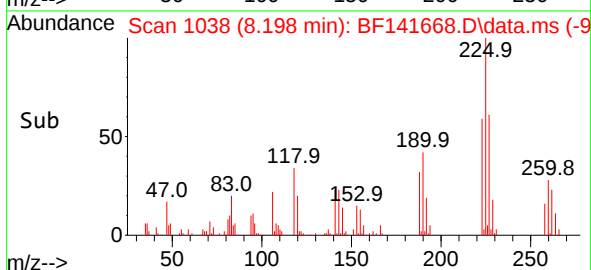
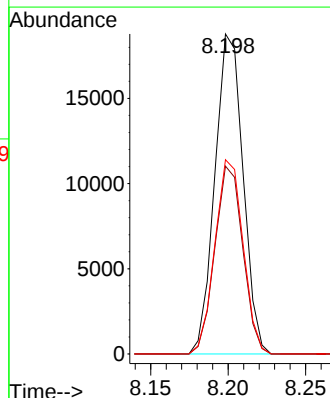
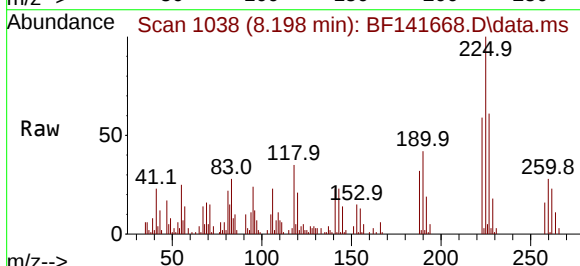
Tgt Ion:225 Resp: 23741

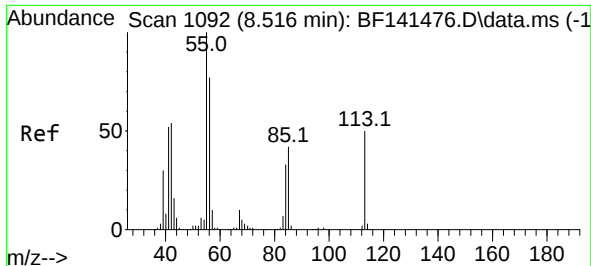
Ion Ratio Lower Upper

225 100

223 58.7 50.1 75.1

227 60.7 51.0 76.6

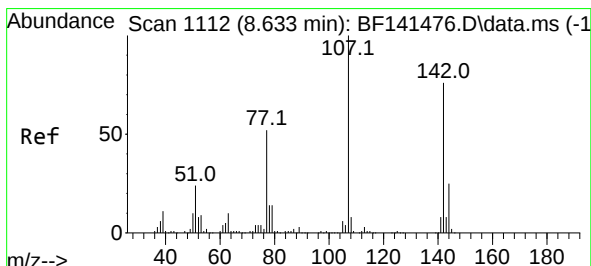
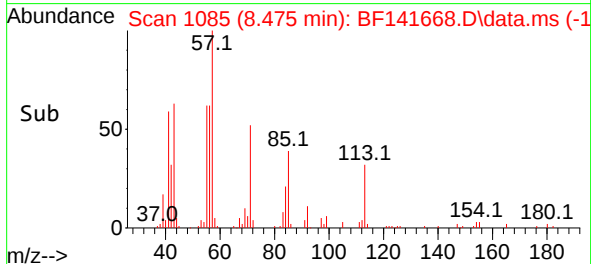
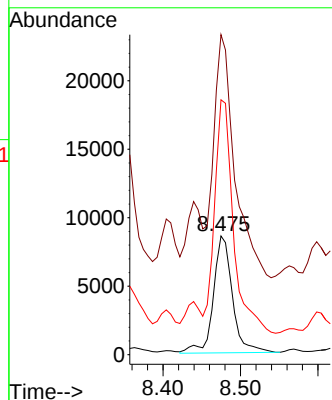
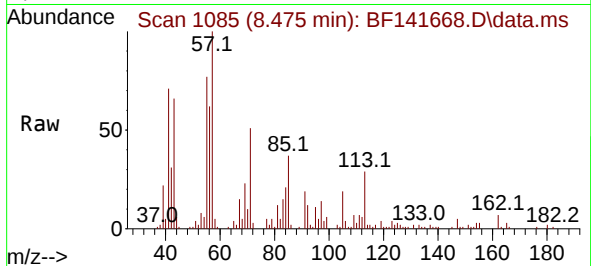




#35
 Caprolactam
 Concen: 12.154 ng
 RT: 8.475 min Scan# 1108
 Delta R.T. -0.070 min
 Lab File: BF141668.D
 Acq: 18 Feb 2025 18:29

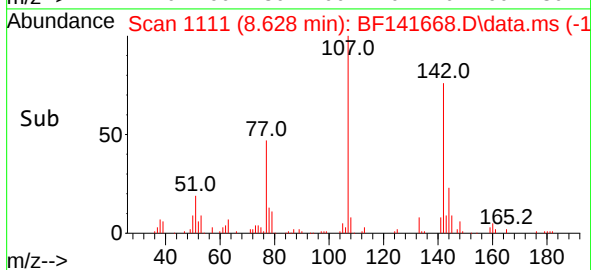
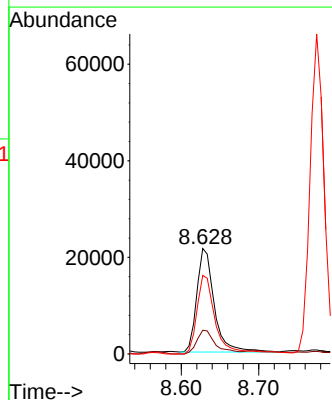
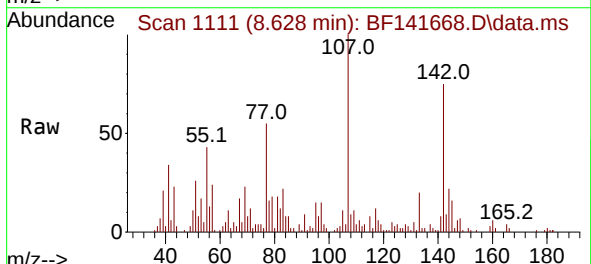
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025MS

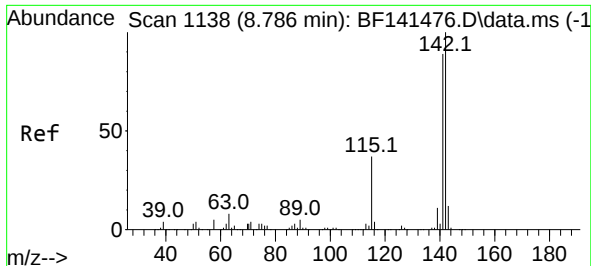
Tgt Ion:113 Resp: 14620
 Ion Ratio Lower Upper
 113 100
 55 269.4 180.8 220.8#
 56 214.6 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 7.655 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141668.D
 Acq: 18 Feb 2025 18:29

Tgt Ion:107 Resp: 33502
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.7 29.5
 142 74.6 60.8 91.2





#37

2-Methylnaphthalene

Concen: 9.036 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

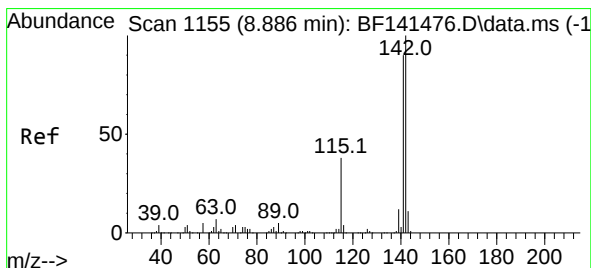
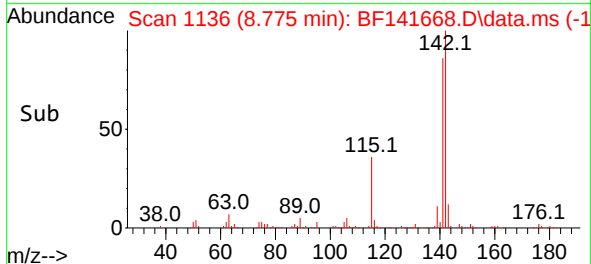
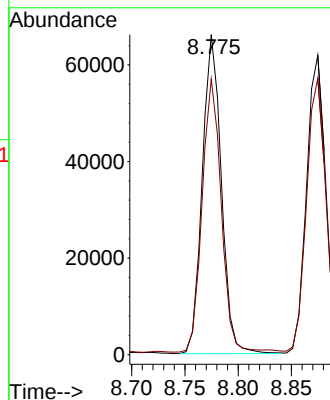
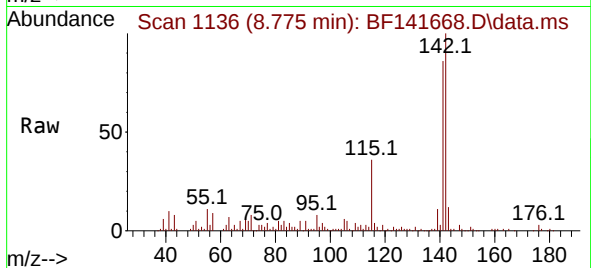
TR-05-02142025MS

Tgt Ion:142 Resp: 82366

Ion Ratio Lower Upper

142 100

141 86.2 71.2 106.8



#38

1-Methylnaphthalene

Concen: 8.821 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141668.D

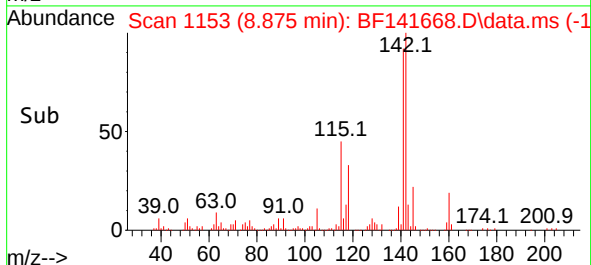
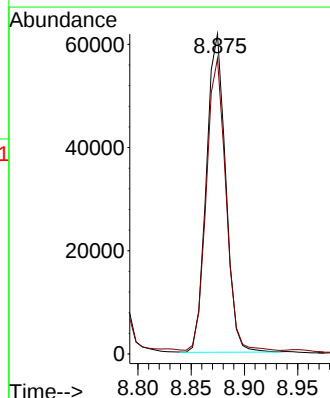
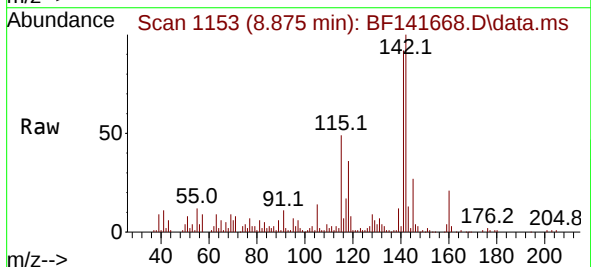
Acq: 18 Feb 2025 18:29

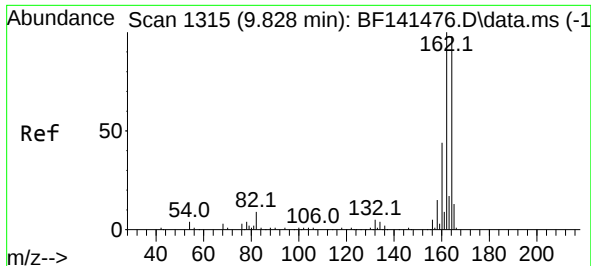
Tgt Ion:142 Resp: 77871

Ion Ratio Lower Upper

142 100

141 92.4 72.1 108.1

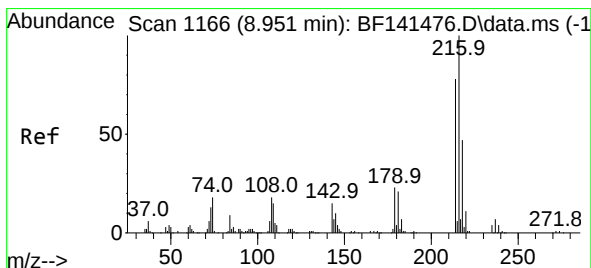
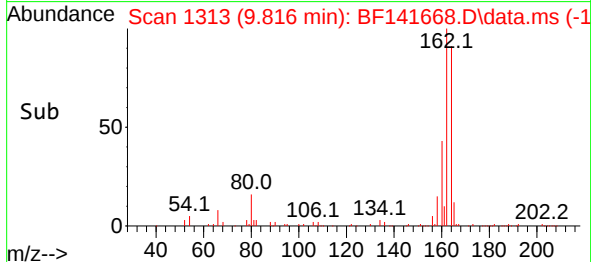
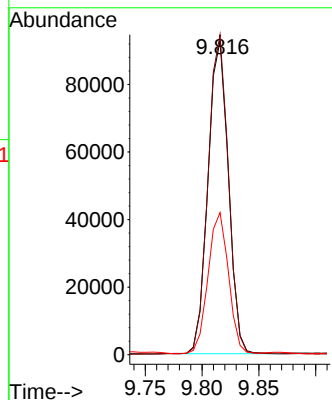
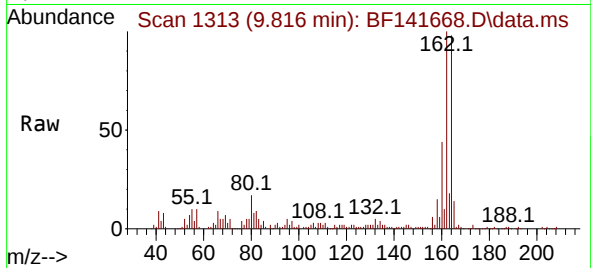




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1160
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

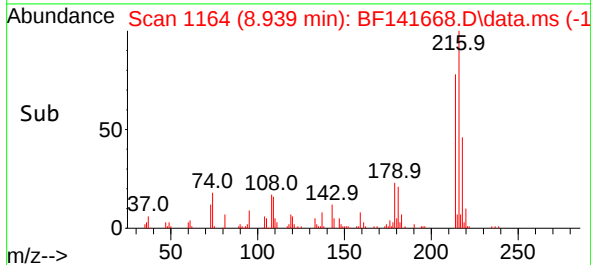
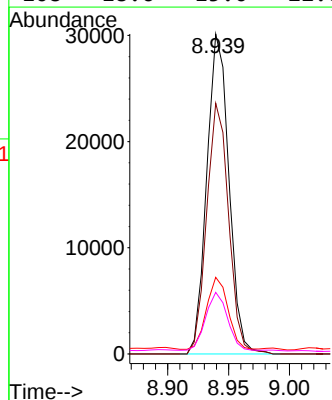
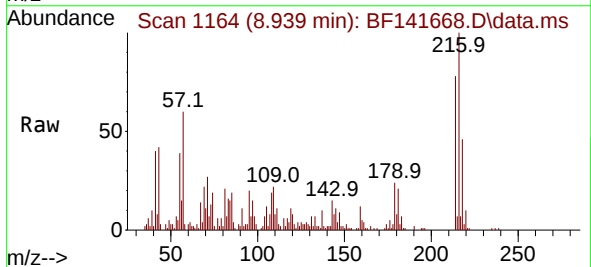
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

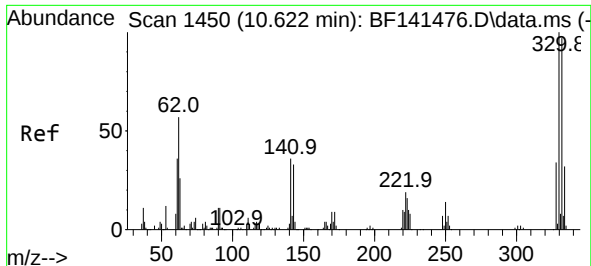
Tgt Ion:164 Resp: 116001
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 45.3 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.315 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:216 Resp: 37974
Ion Ratio Lower Upper
216 100
214 77.8 62.3 93.5
179 21.9 18.0 27.0
108 18.6 15.0 22.6





#42

2,4,6-Tribromophenol

Concen: 17.029 ng

RT: 10.604 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BF141668.D

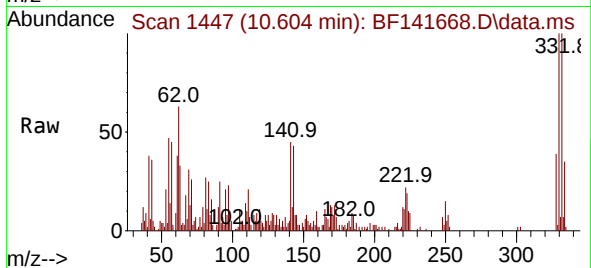
Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS



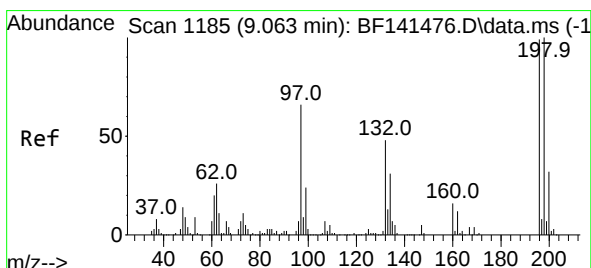
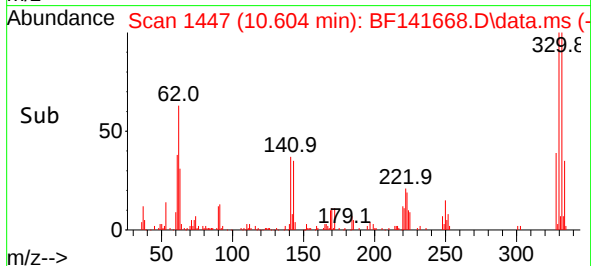
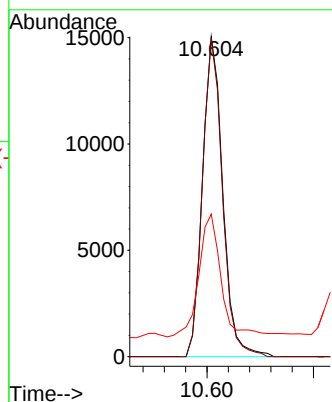
Tgt Ion:330 Resp: 19844

Ion Ratio Lower Upper

330 100

332 98.1 78.5 117.7

141 43.6 31.0 46.4



#43

2,4,6-Trichlorophenol

Concen: 9.300 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

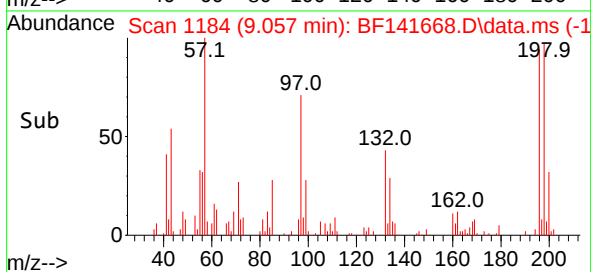
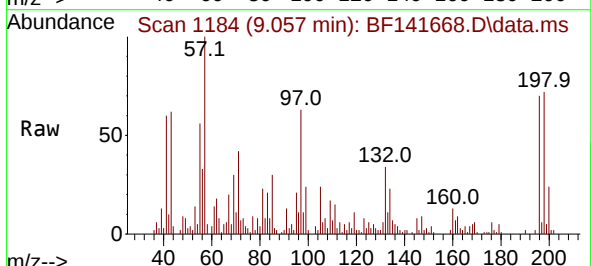
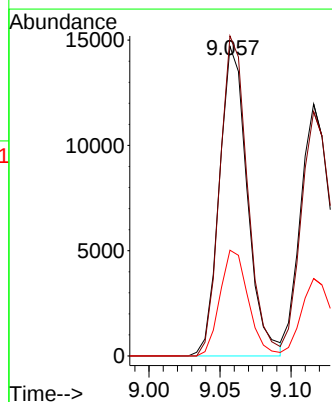
Tgt Ion:196 Resp: 20172

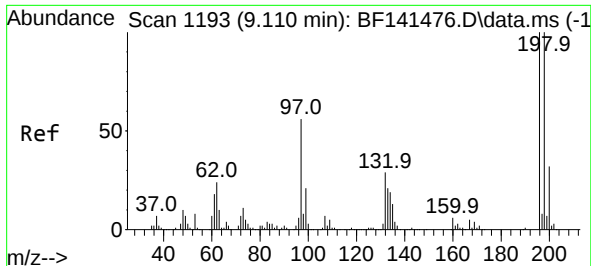
Ion Ratio Lower Upper

196 100

198 103.4 80.6 121.0

200 34.1 25.5 38.3





#44

2,4,5-Trichlorophenol

Concen: 7.787 ng

RT: 9.116 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF141668.D

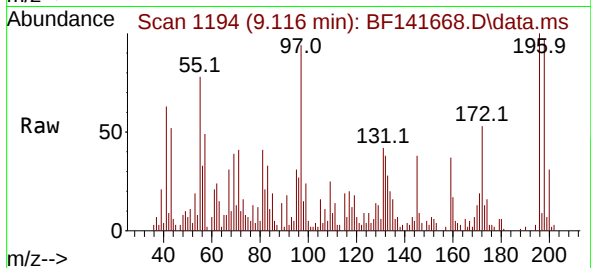
Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:196 Resp: 18306

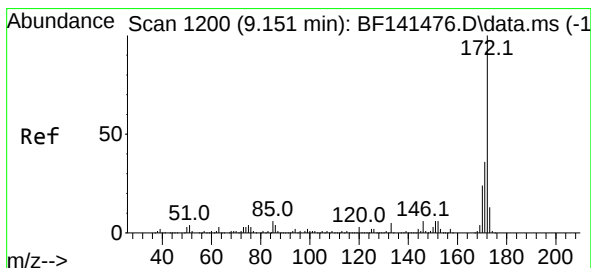
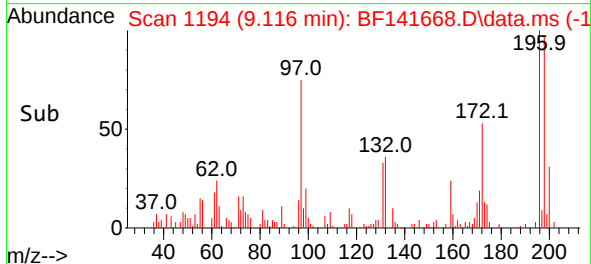
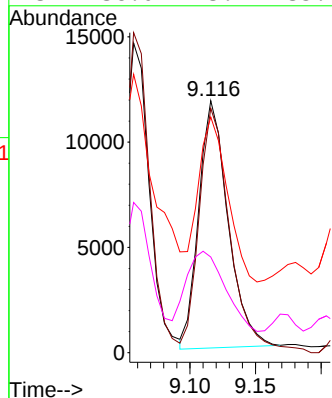
Ion Ratio Lower Upper

196 100

198 96.9 79.8 119.8

97 93.5 44.8 67.2#

132 38.0 23.9 35.9#



#45

2-Fluorobiphenyl

Concen: 18.802 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

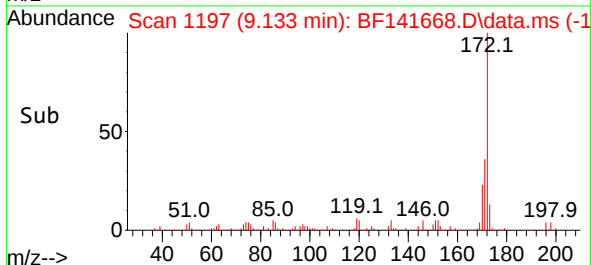
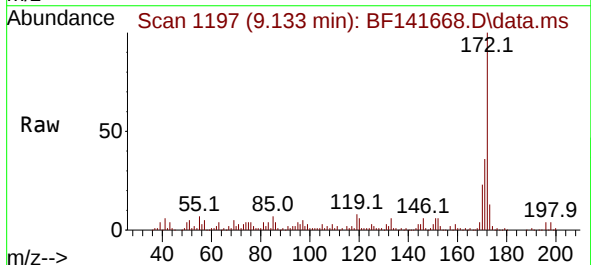
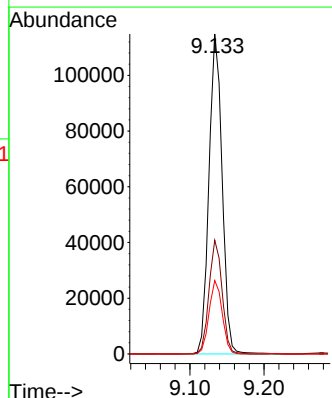
Tgt Ion:172 Resp: 141566

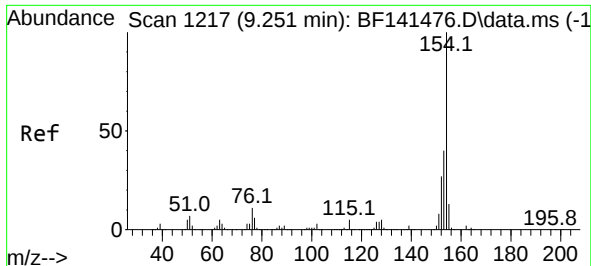
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.0 18.9 28.3

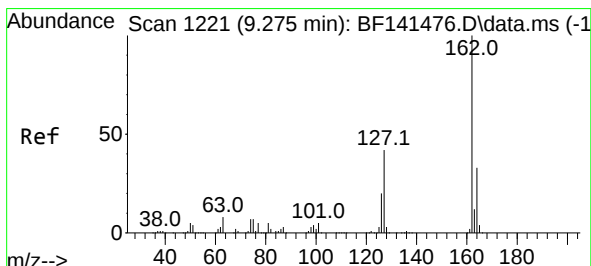
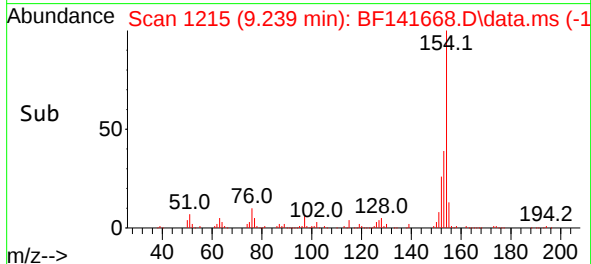
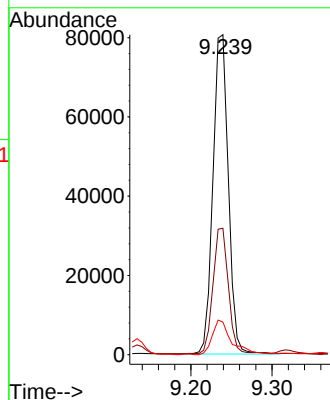
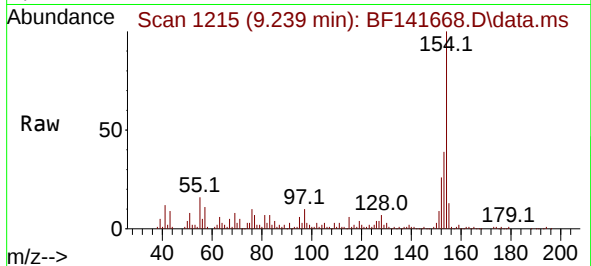




#46
1,1'-Biphenyl
Concen: 11.801 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

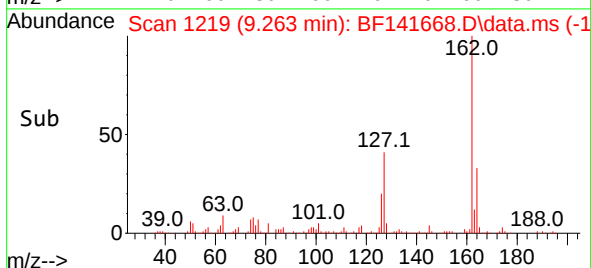
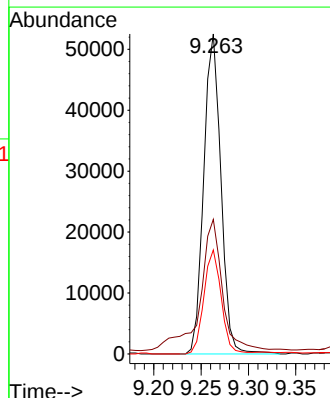
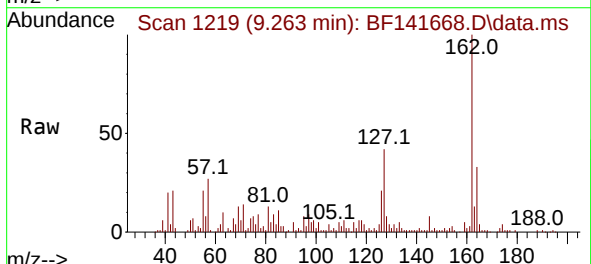
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

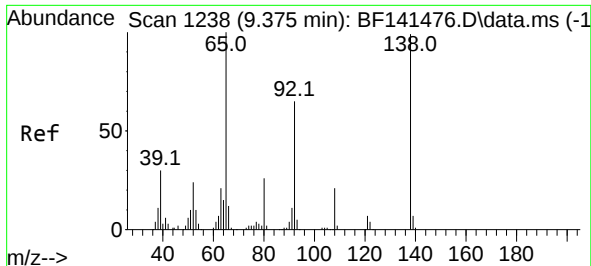
Tgt Ion:154 Resp: 106130
Ion Ratio Lower Upper
154 100
153 39.5 20.4 60.4
76 10.2 0.0 30.8



#47
2-Chloronaphthalene
Concen: 9.973 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:162 Resp: 66326
Ion Ratio Lower Upper
162 100
127 42.0 34.1 51.1
164 32.5 26.3 39.5





#48

2-Nitroaniline

Concen: 8.612 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

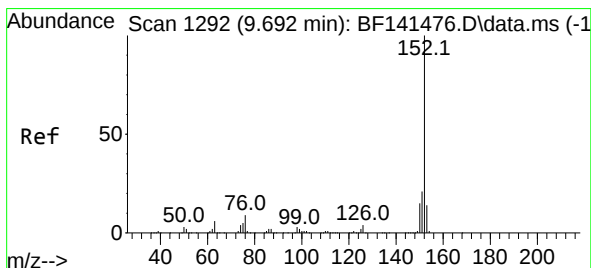
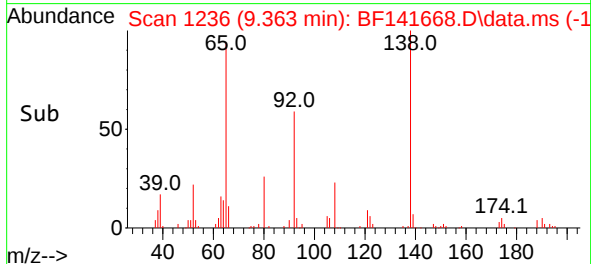
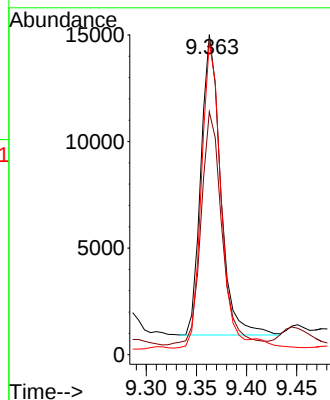
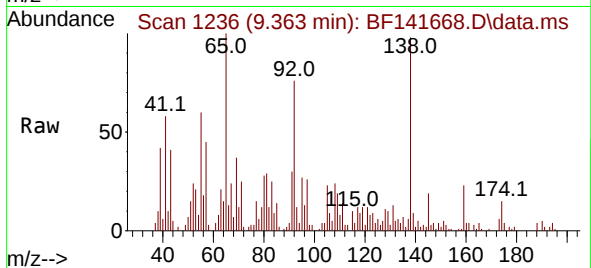
Tgt Ion: 65 Resp: 19221

Ion Ratio Lower Upper

65 100

92 75.9 52.2 78.2

138 97.8 79.5 119.3



#49

Acenaphthylene

Concen: 9.656 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.018 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

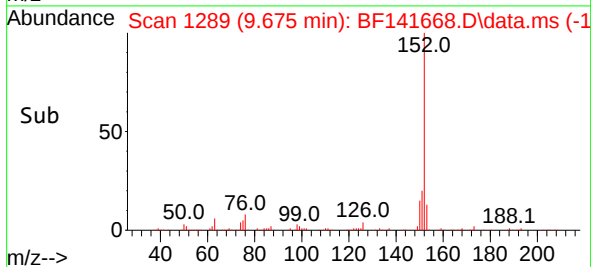
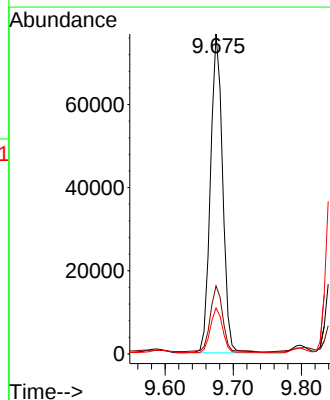
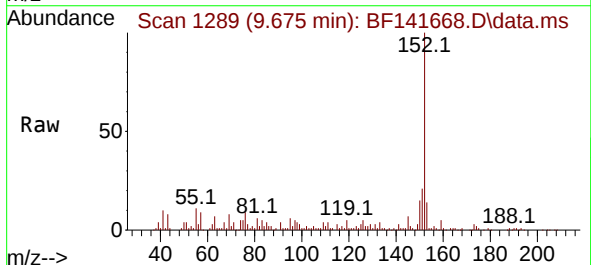
Tgt Ion:152 Resp: 95511

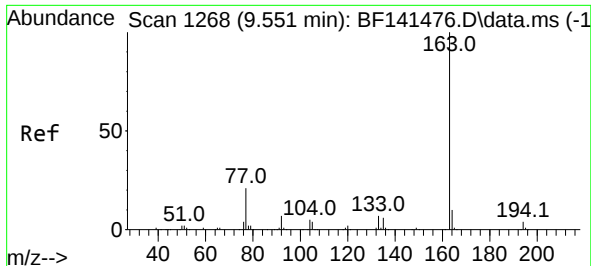
Ion Ratio Lower Upper

152 100

151 21.3 16.4 24.6

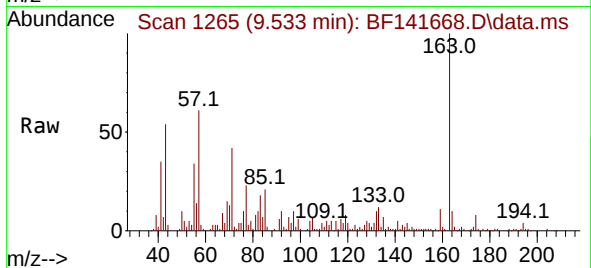
153 14.4 10.9 16.3



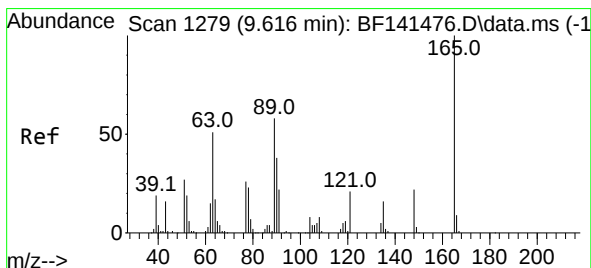
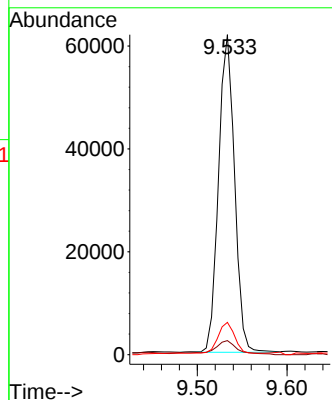
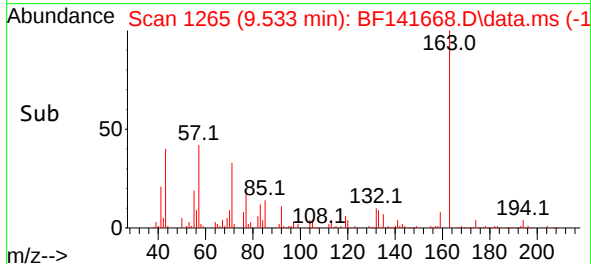


#50
Dimethylphthalate
Concen: 9.728 ng
RT: 9.533 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

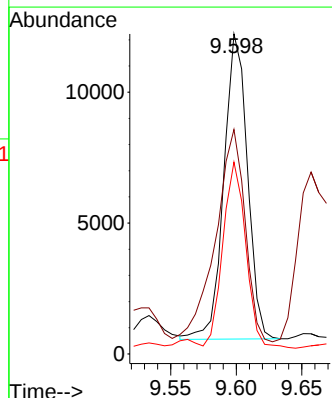
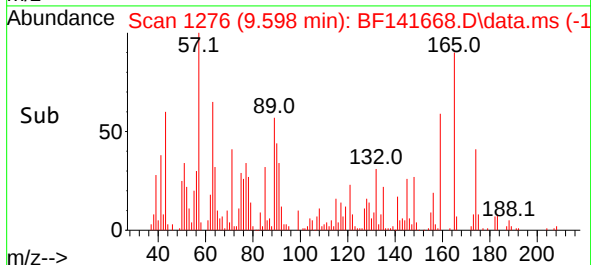
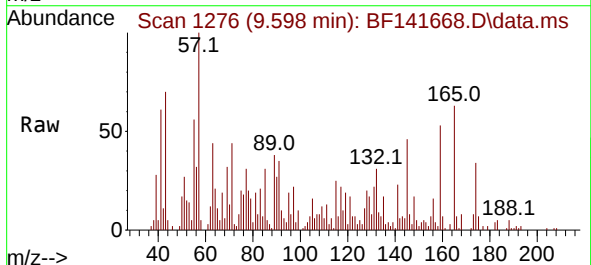


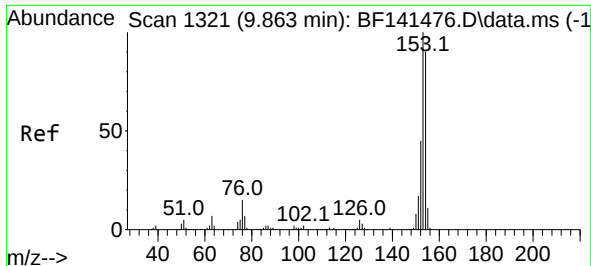
Tgt Ion:163 Resp: 76606
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 10.1 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 8.465 ng
RT: 9.598 min Scan# 1276
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:165 Resp: 14573
Ion Ratio Lower Upper
165 100
63 70.2 49.4 74.0
89 60.0 46.5 69.7

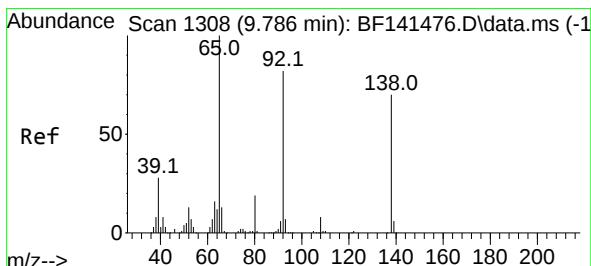
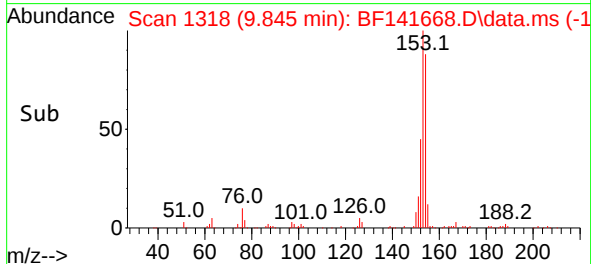
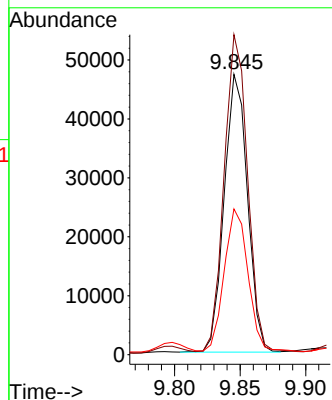
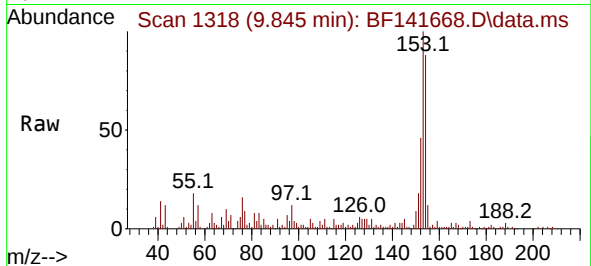




#52
Acenaphthene
Concen: 8.743 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

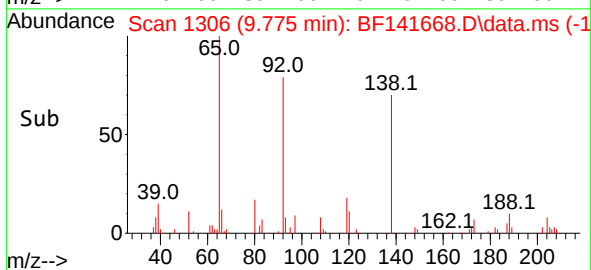
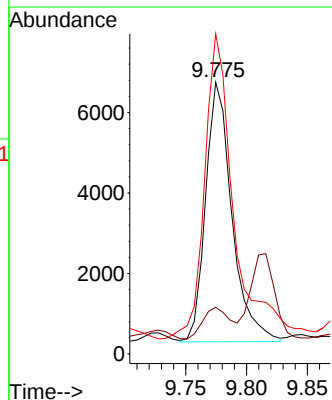
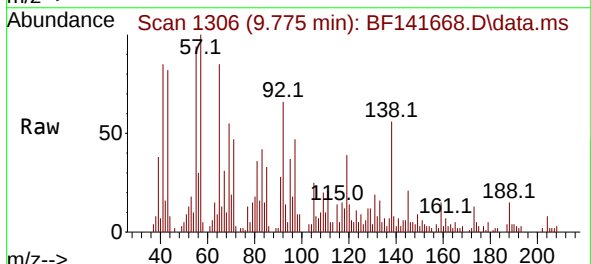
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

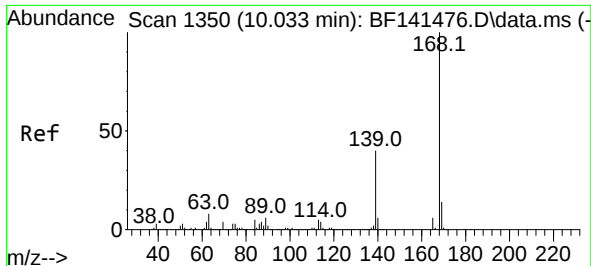
Tgt Ion:154 Resp: 58139
Ion Ratio Lower Upper
154 100
153 114.1 89.2 133.8
152 52.0 39.8 59.8



#53
3-Nitroaniline
Concen: 5.247 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:138 Resp: 9723
Ion Ratio Lower Upper
138 100
108 17.2 9.0 13.4#
92 117.8 93.7 140.5

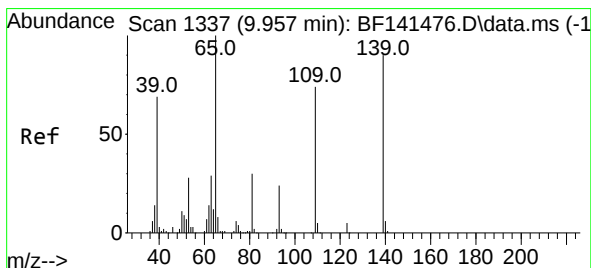
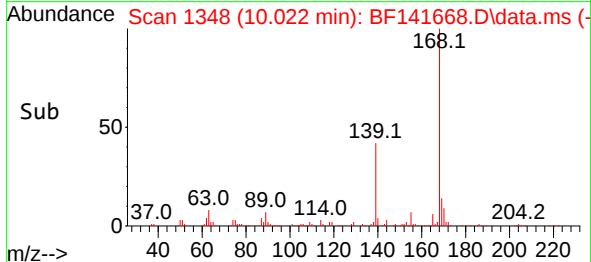
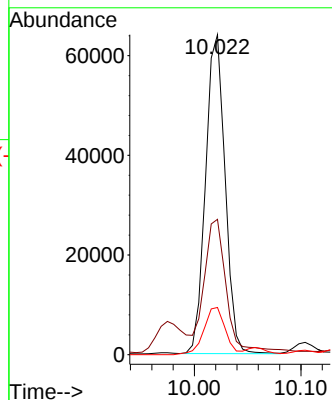
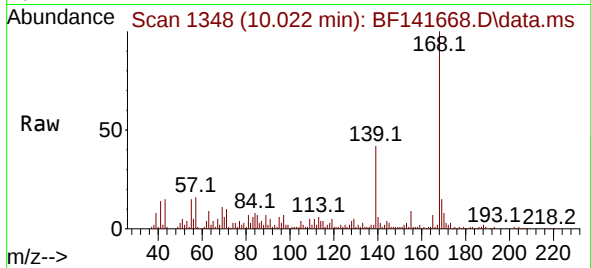




#55
Dibenzenofuran
Concen: 8.355 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

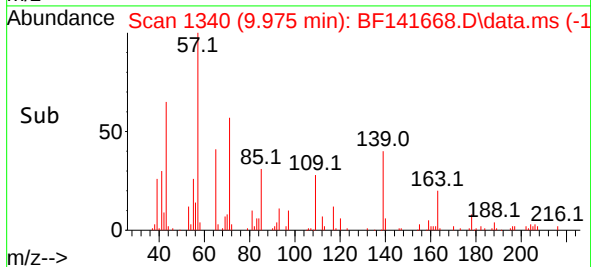
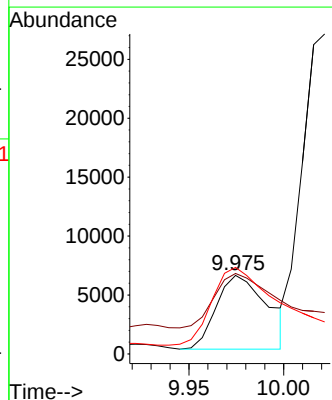
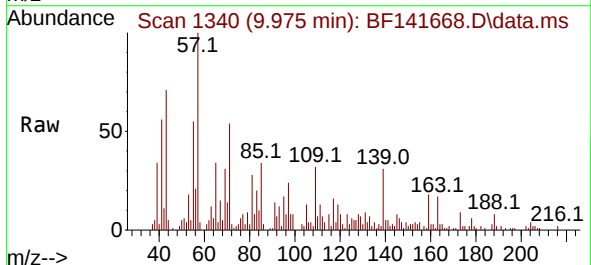
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

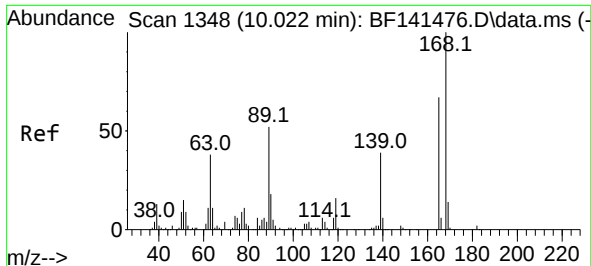
Tgt Ion:168 Resp: 81552
Ion Ratio Lower Upper
168 100
139 42.3 32.7 49.1
169 14.8 10.8 16.2



#56
4-Nitrophenol
Concen: 8.439 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:139 Resp: 11608
Ion Ratio Lower Upper
139 100
109 102.4 62.0 102.0#
65 110.1 91.2 131.2

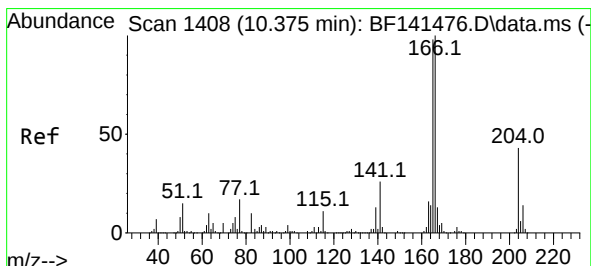
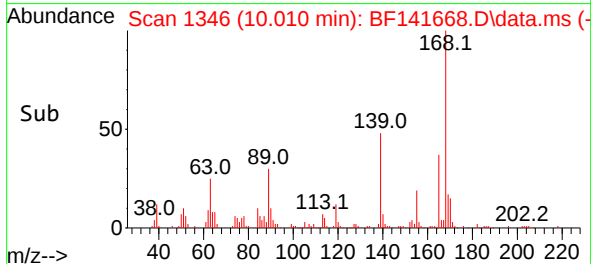
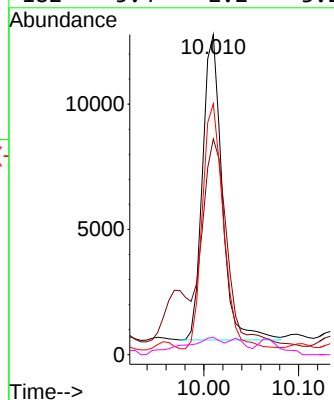
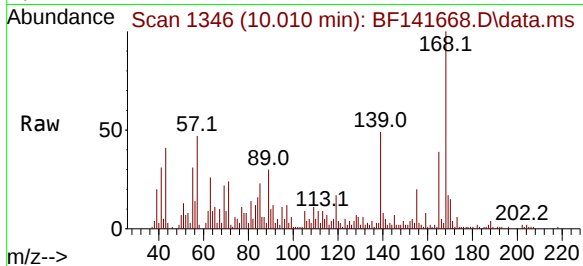




#57
2,4-Dinitrotoluene
Concen: 7.588 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

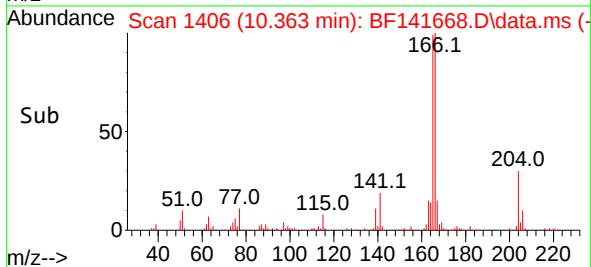
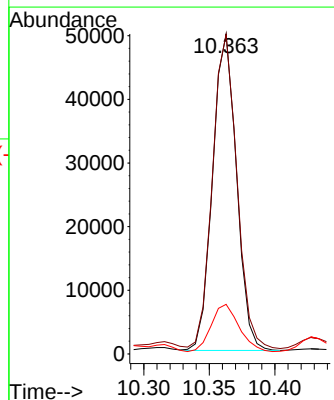
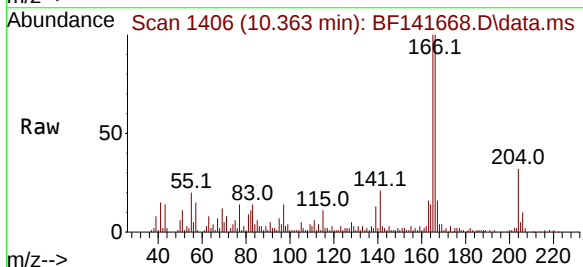
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

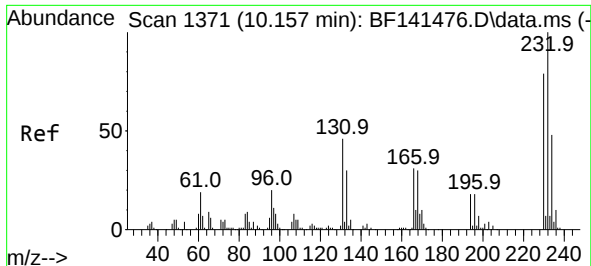
Tgt Ion:165 Resp: 17389
Ion Ratio Lower Upper
165 100
63 67.5 46.4 69.6
89 78.4 61.8 92.6
182 5.4 2.2 3.2#



#58
Fluorene
Concen: 8.342 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:166 Resp: 62958
Ion Ratio Lower Upper
166 100
165 99.8 78.2 117.2
167 15.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.242 ng

RT: 10.145 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

Tgt Ion:232 Resp: 12632

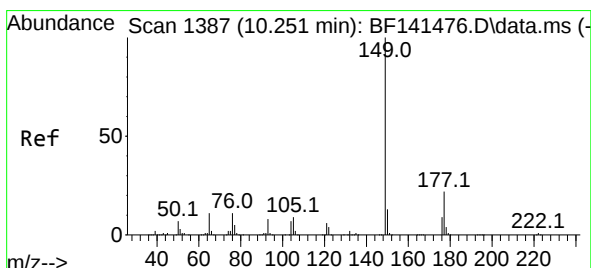
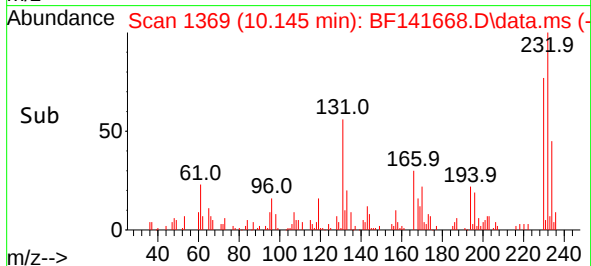
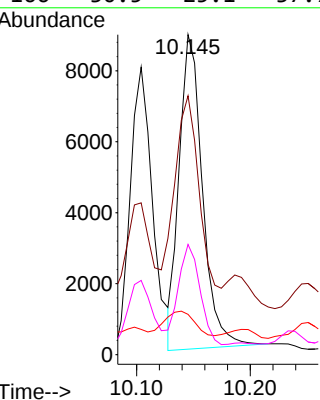
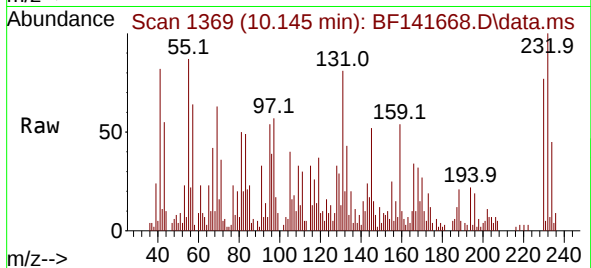
Ion Ratio Lower Upper

232 100

131 74.6 39.2 58.8#

130 9.8 2.1 3.1#

166 30.5 25.1 37.7



#60

Diethylphthalate

Concen: 8.690 ng

RT: 10.233 min Scan# 1384

Delta R.T. -0.023 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

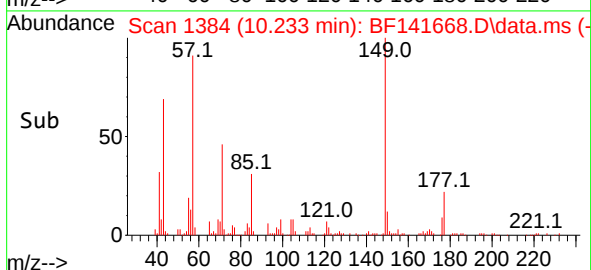
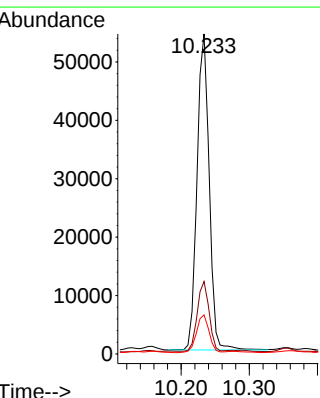
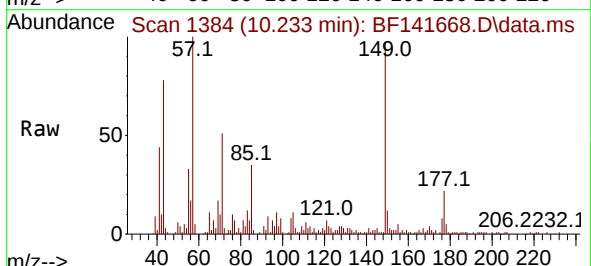
Tgt Ion:149 Resp: 67329

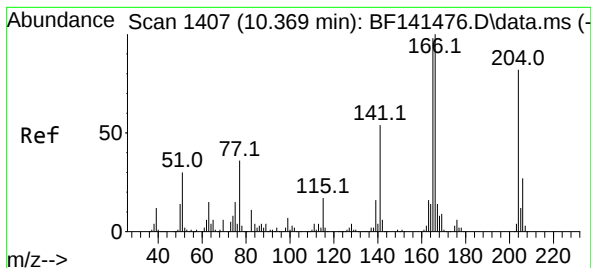
Ion Ratio Lower Upper

149 100

177 22.7 17.8 26.6

150 12.2 10.1 15.1

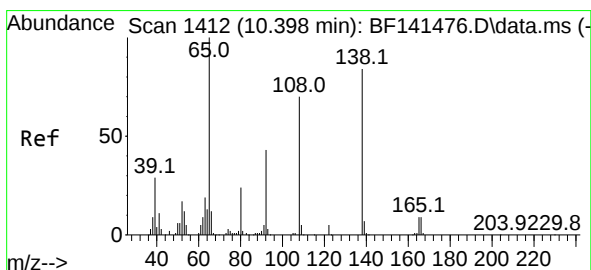
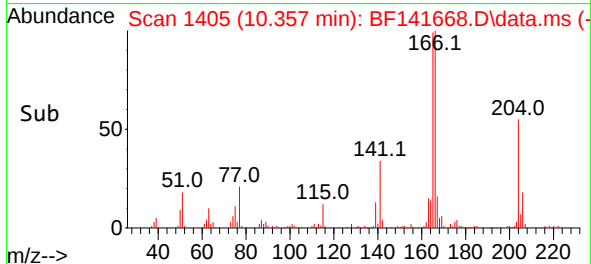
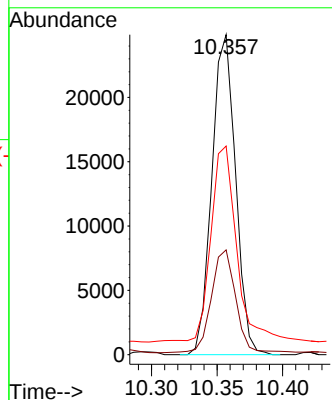
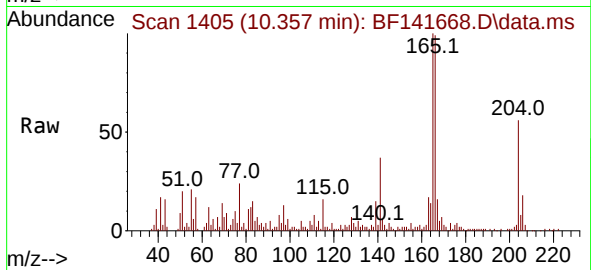




#61
4-Chlorophenyl-phenylether
Concen: 8.612 ng
RT: 10.357 min Scan# 1407
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

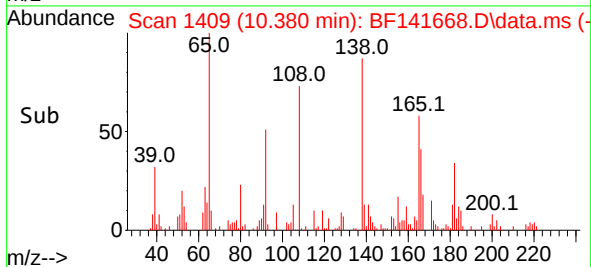
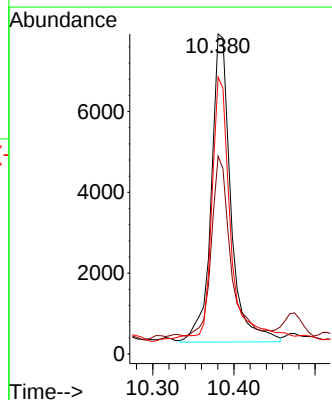
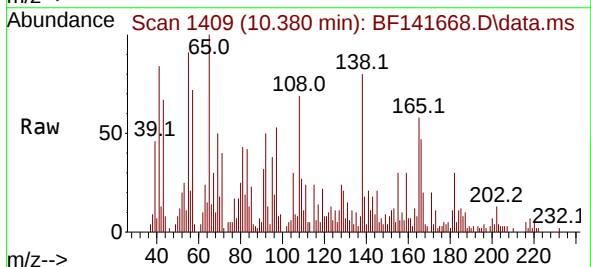
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

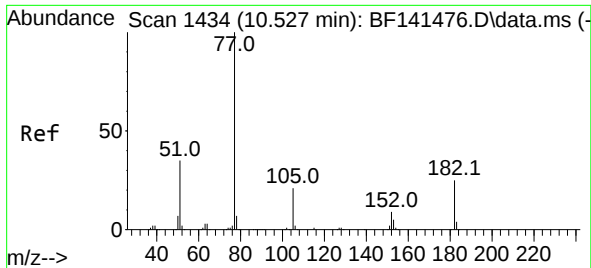
Tgt Ion:204 Resp: 31269
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 65.2 51.9 77.9



#62
4-Nitroaniline
Concen: 6.794 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.035 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:138 Resp: 12782
Ion Ratio Lower Upper
138 100
92 61.7 31.3 71.3
108 86.5 63.7 103.7

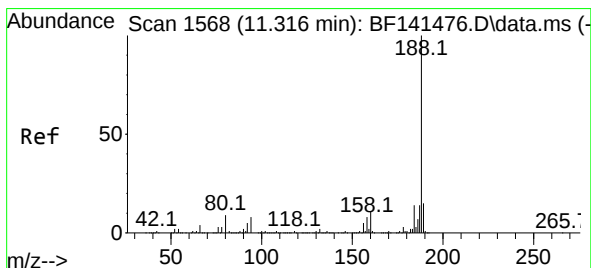
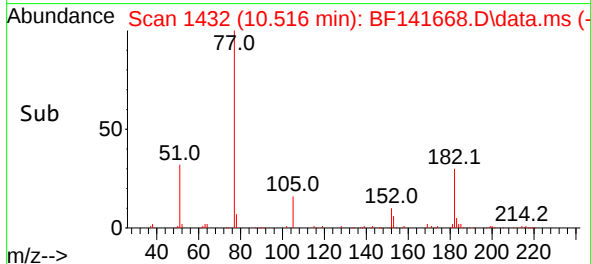
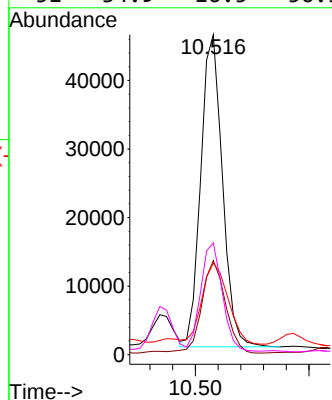
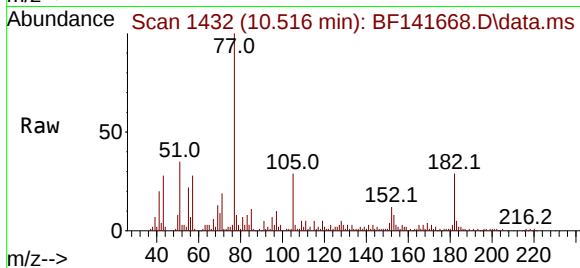




#63
Azobenzene
Concen: 7.838 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

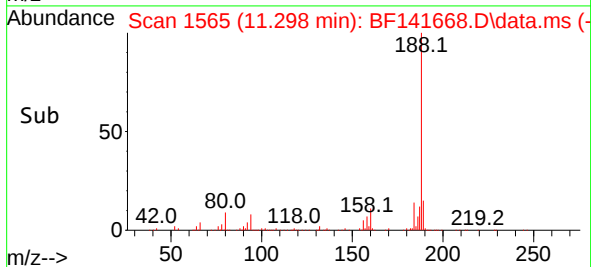
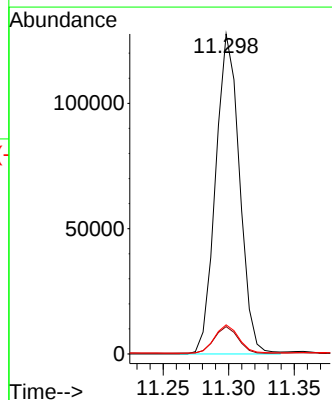
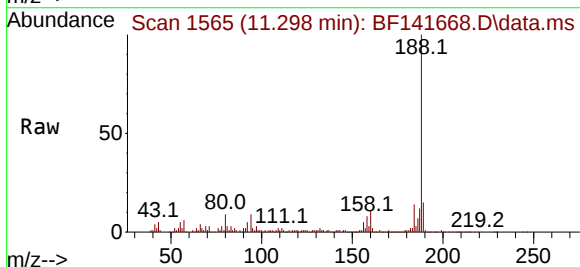
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

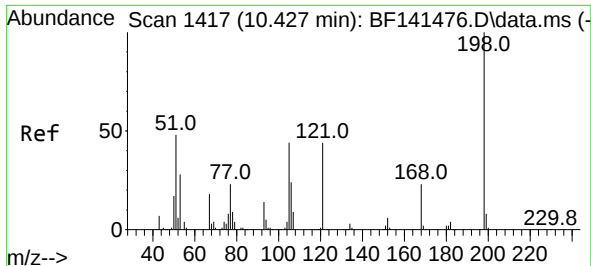
Tgt Ion: 77	Resp: 60375
Ion Ratio	Lower Upper
77 100	
182 29.4	4.7 44.7
105 28.7	0.4 40.4
51 34.9	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion: 188	Resp: 161875
Ion Ratio	Lower Upper
188 100	
94 8.6	6.6 10.0
80 9.1	7.3 10.9

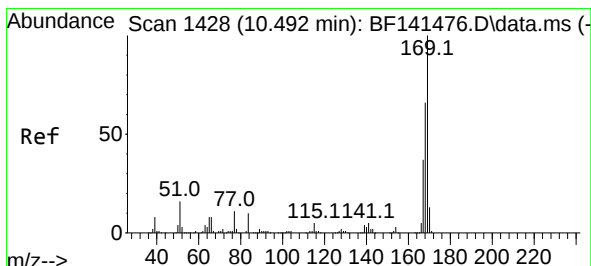
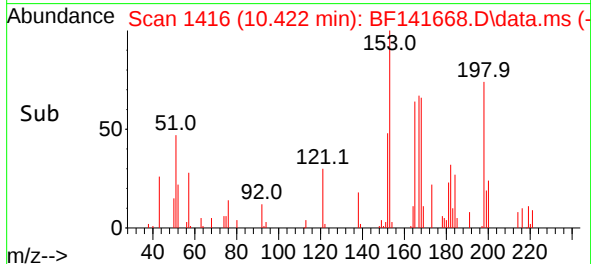
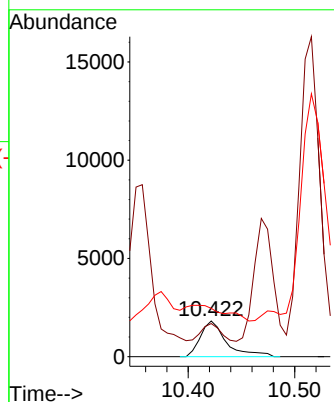
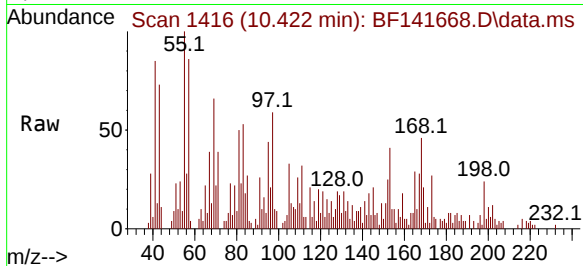




#65
4,6-Dinitro-2-methylphenol
Concen: 2.742 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

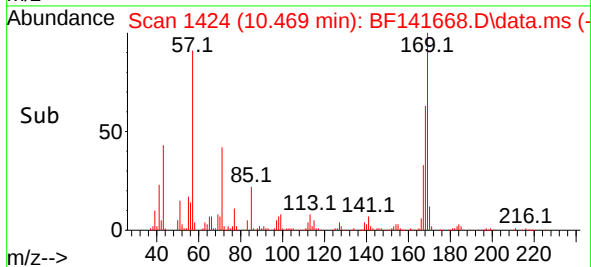
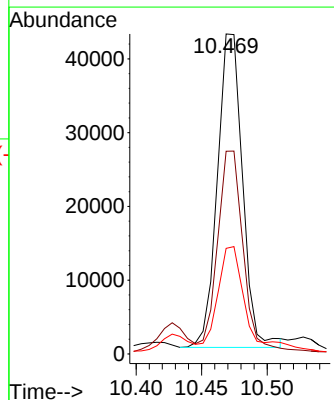
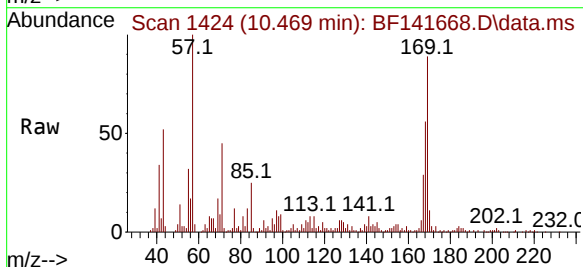
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

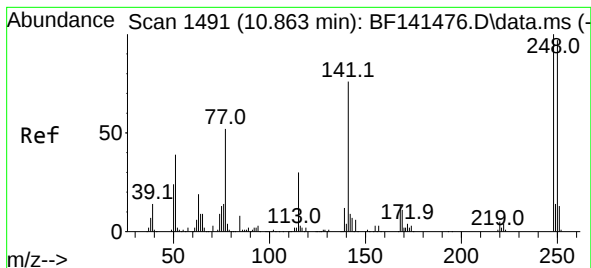
Tgt Ion:198 Resp: 3083
Ion Ratio Lower Upper
198 100
51 92.8 37.4 77.4#
105 135.6 25.2 65.2#



#66
n-Nitrosodiphenylamine
Concen: 10.955 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.029 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:169 Resp: 56767
Ion Ratio Lower Upper
169 100
168 63.3 53.3 79.9
167 33.0 29.4 44.2

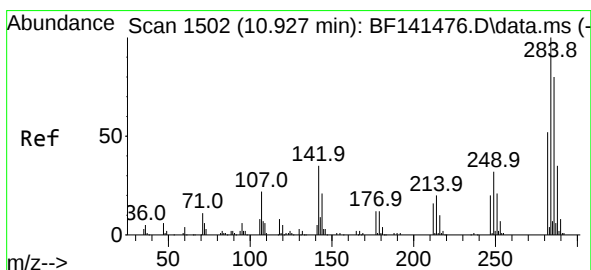
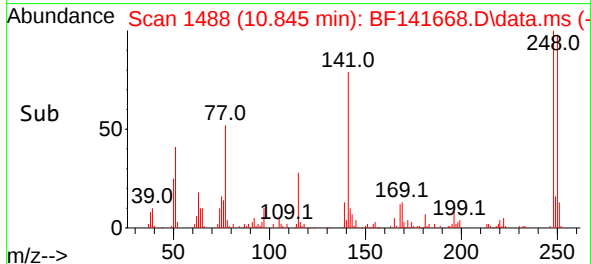
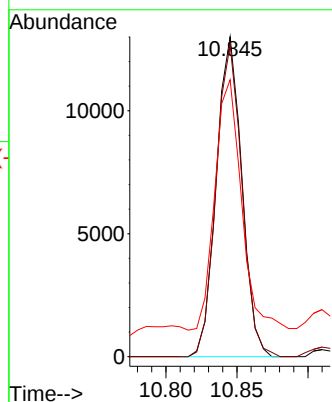
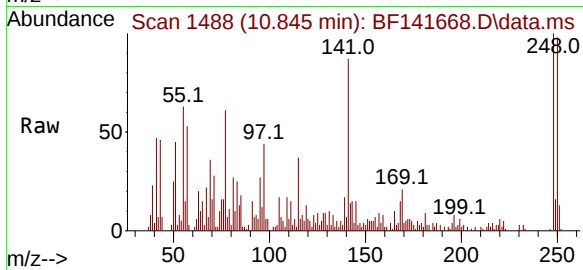




#67
4-Bromophenyl-phenylether
Concen: 8.975 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

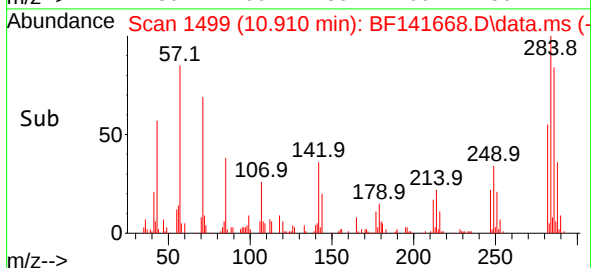
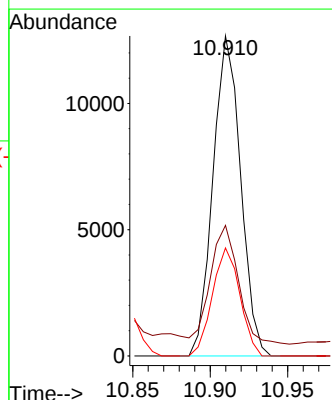
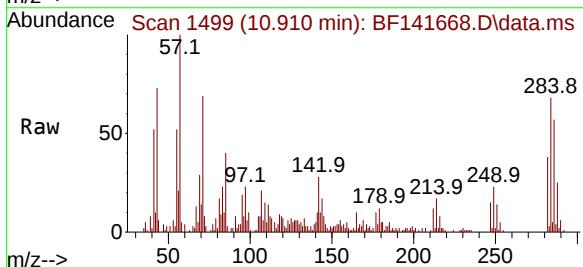
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

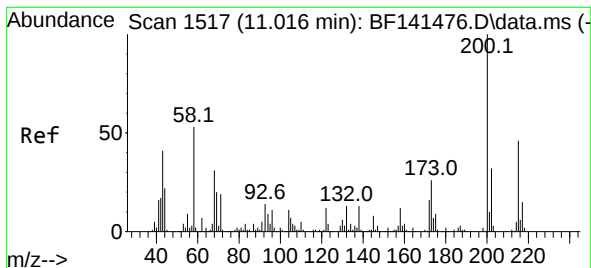
Tgt Ion:248 Resp: 16238
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 86.6 60.6 90.8



#68
Hexachlorobenzene
Concen: 8.426 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:284 Resp: 15698
Ion Ratio Lower Upper
284 100
142 40.8 28.0 42.0
249 33.7 25.8 38.8





#69

Atrazine

Concen: 11.572 ng

RT: 10.998 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

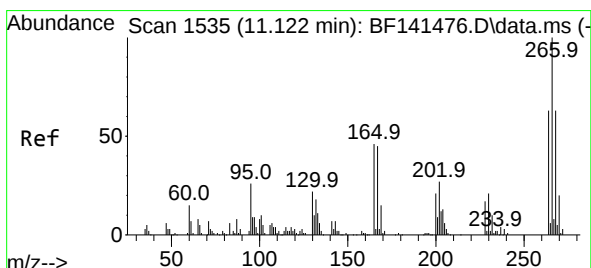
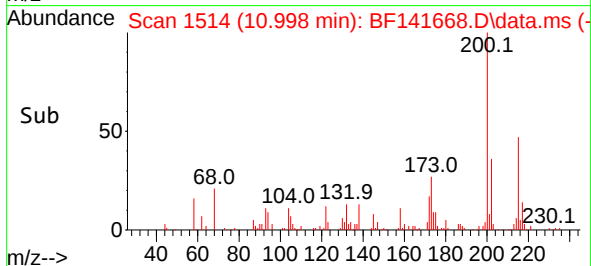
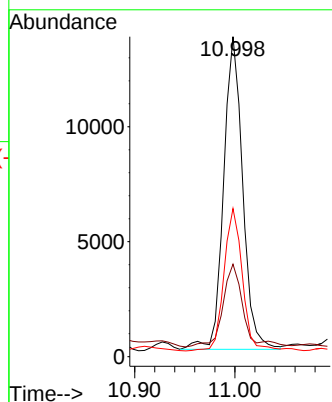
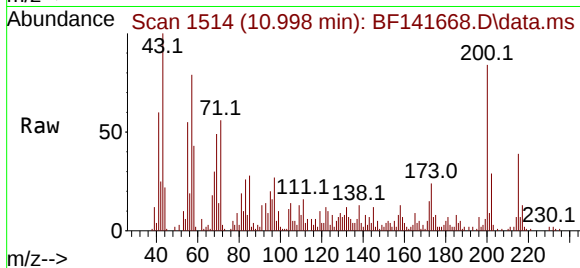
Tgt Ion:200 Resp: 17989

Ion Ratio Lower Upper

200 100

173 28.9 5.9 45.9

215 46.3 25.9 65.9



#70

Pentachlorophenol

Concen: 8.477 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

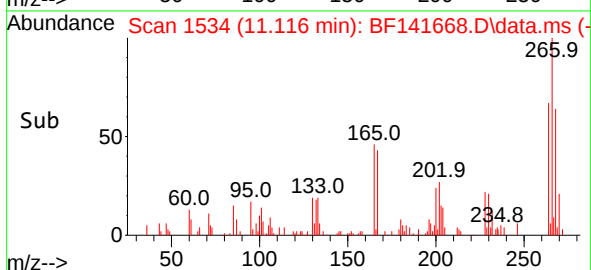
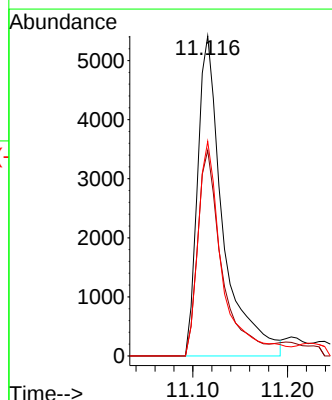
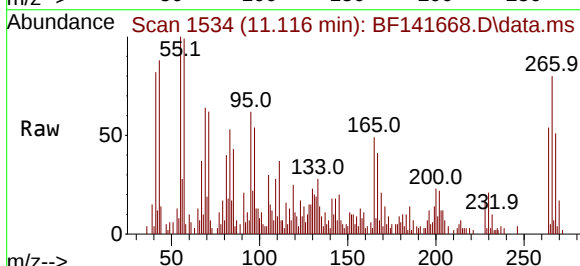
Tgt Ion:266 Resp: 10098

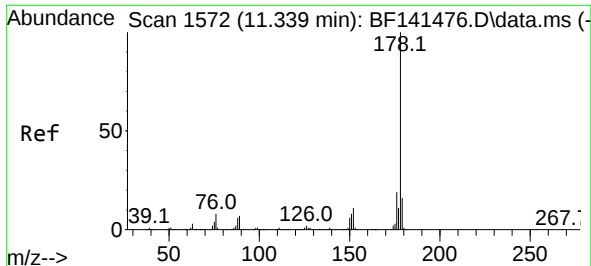
Ion Ratio Lower Upper

266 100

268 64.3 50.1 75.1

264 67.1 50.1 75.1

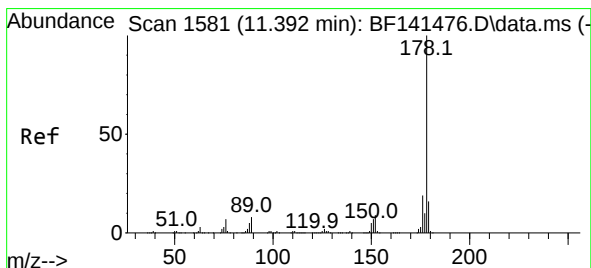
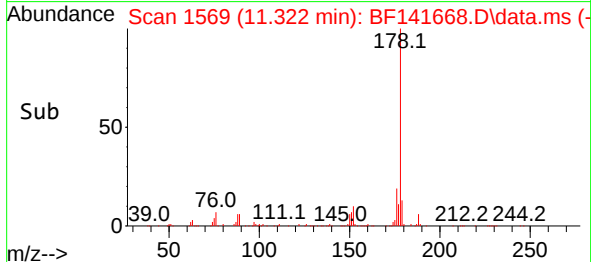
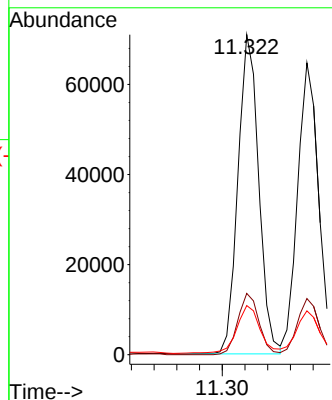
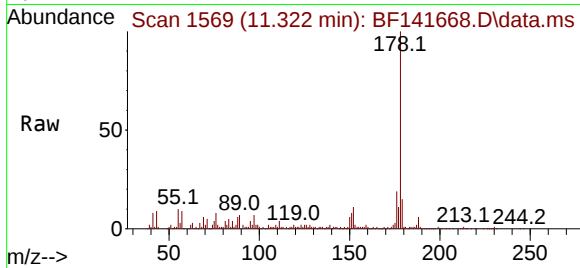




#71
Phenanthrene
Concen: 10.084 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

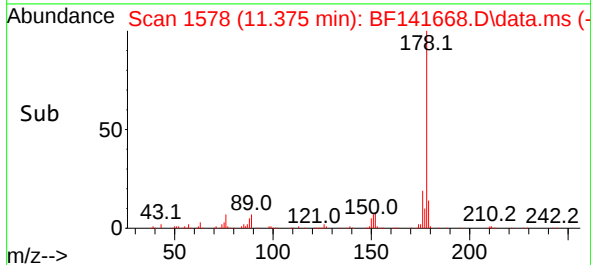
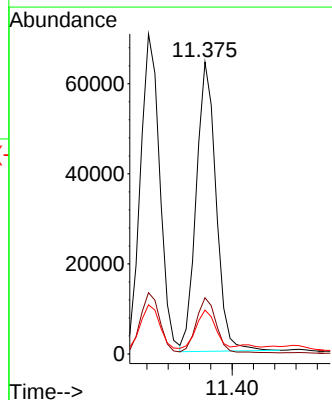
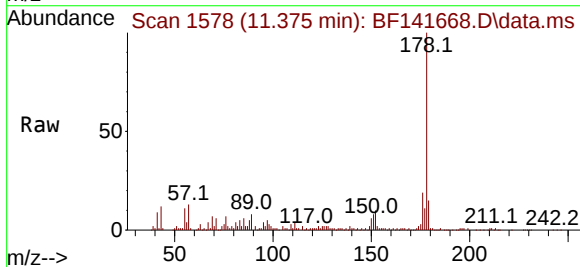
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

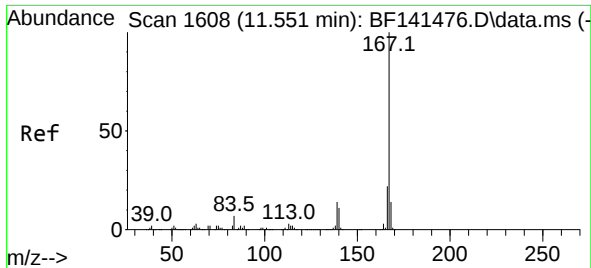
Tgt Ion:178 Resp: 89855
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 9.287 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:178 Resp: 83183
Ion Ratio Lower Upper
178 100
176 19.3 14.8 22.2
179 15.0 12.4 18.6

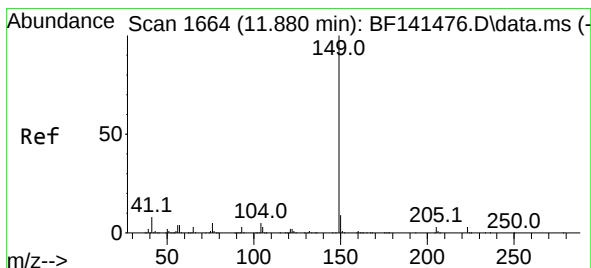
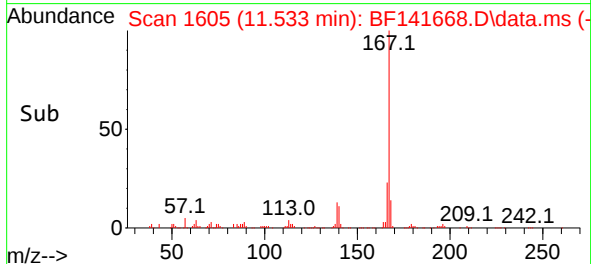
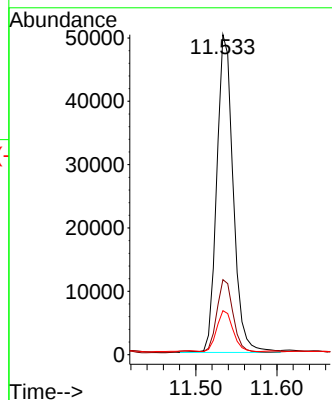
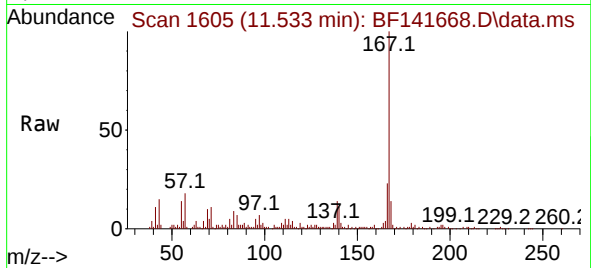




#73
 Carbazole
 Concen: 8.749 ng
 RT: 11.533 min Scan# 1605
 Delta R.T. -0.018 min
 Lab File: BF141668.D
 Acq: 18 Feb 2025 18:29

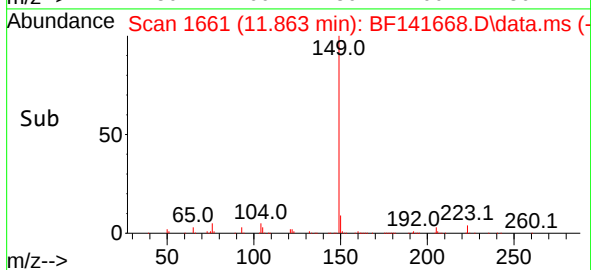
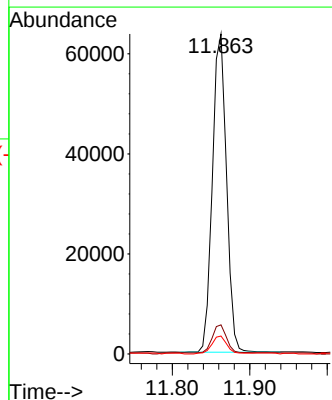
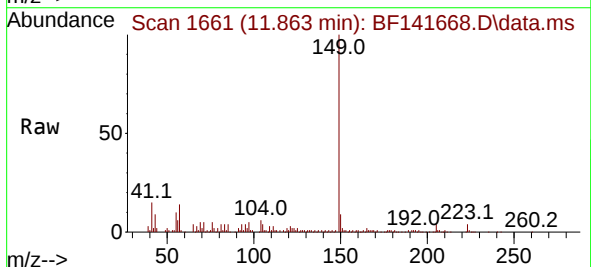
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025MS

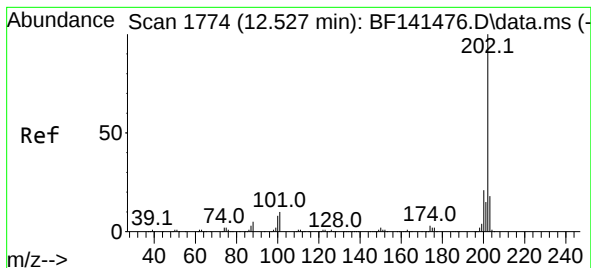
Tgt Ion:167	Resp:	70516
Ion Ratio	Lower	Upper
167	100	
166	23.5	17.4 26.2
139	13.8	10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 8.634 ng
 RT: 11.863 min Scan# 1661
 Delta R.T. -0.018 min
 Lab File: BF141668.D
 Acq: 18 Feb 2025 18:29

Tgt Ion:149	Resp:	80347
Ion Ratio	Lower	Upper
149	100	
150	9.1	7.4 11.0
104	5.6	4.2 6.2





#75

Fluoranthene

Concen: 10.966 ng

RT: 12.510 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

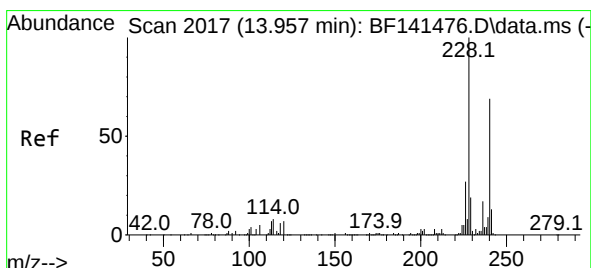
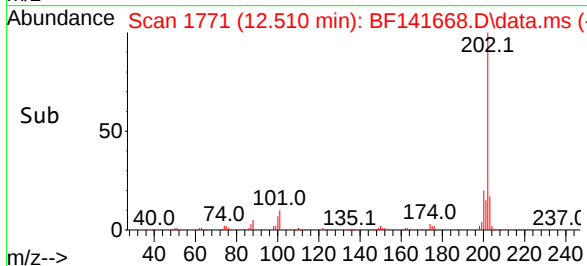
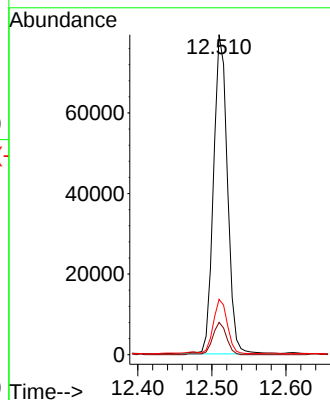
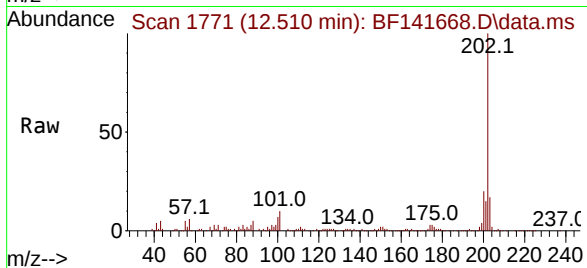
Tgt Ion:202 Resp: 103594

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.2

203 17.3 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

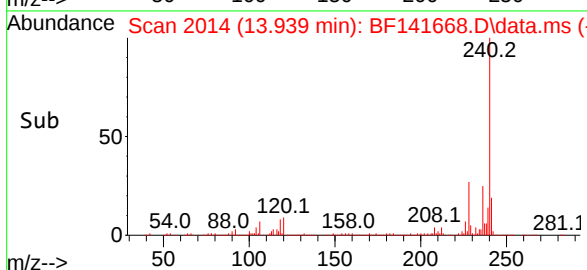
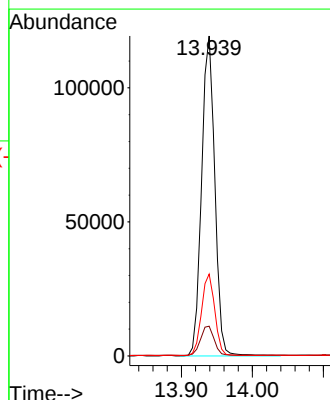
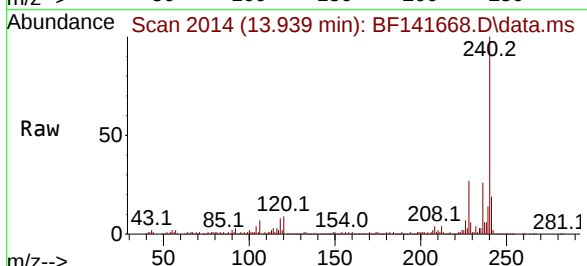
Tgt Ion:240 Resp: 155025

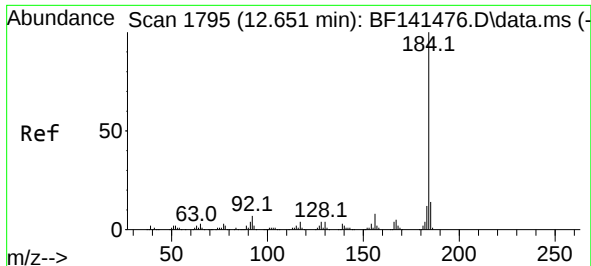
Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

236 25.6 19.8 29.8

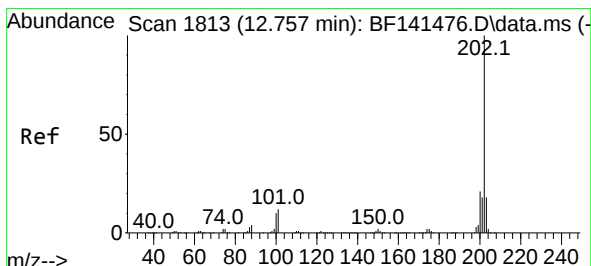
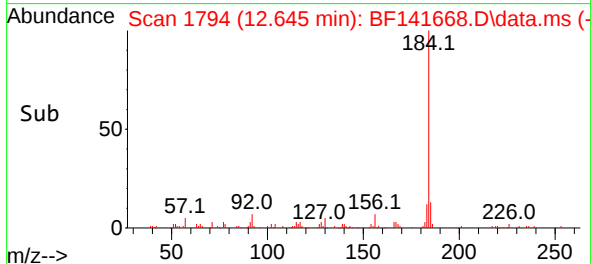
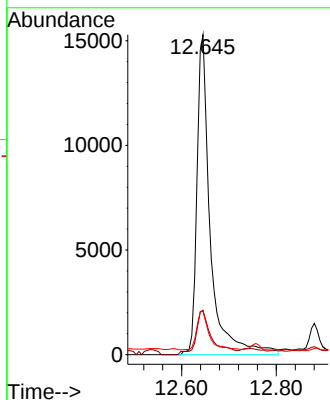
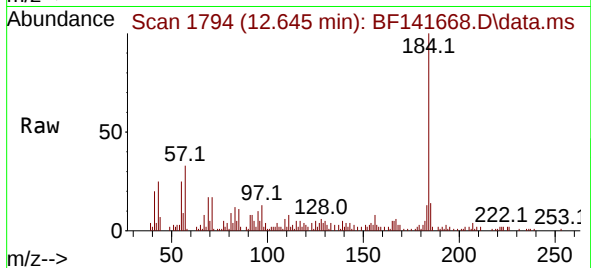




#77
Benzidine
Concen: 8.787 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.012 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

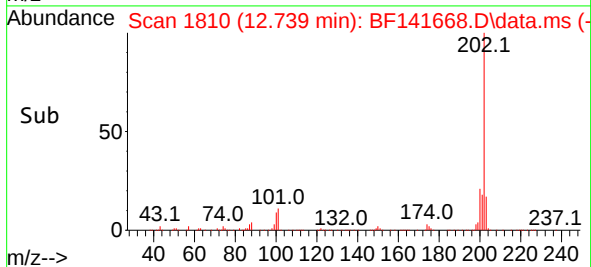
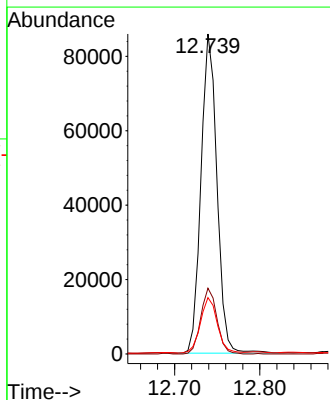
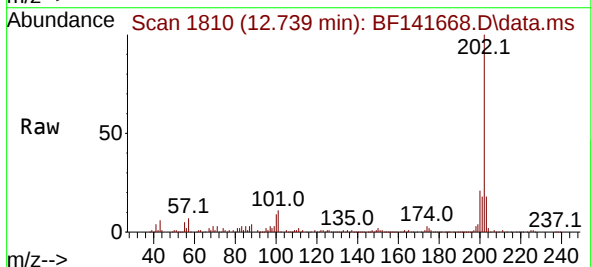
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

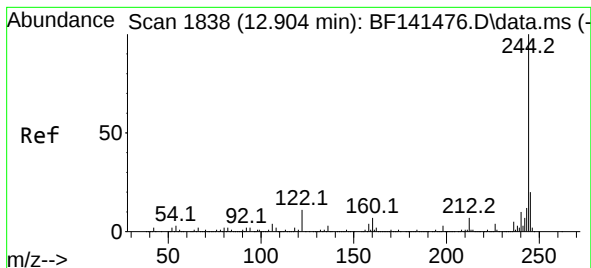
Tgt Ion:184 Resp: 30044
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 13.5 9.3 13.9



#78
Pyrene
Concen: 8.461 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:202 Resp: 111658
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 12.374 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

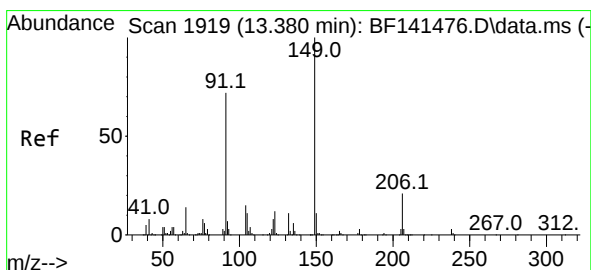
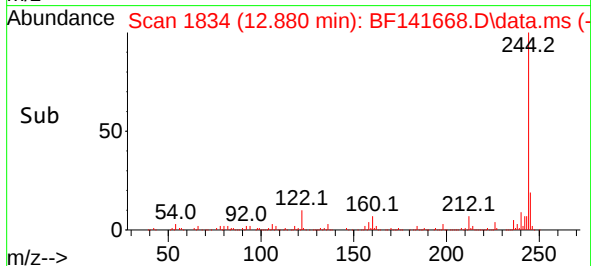
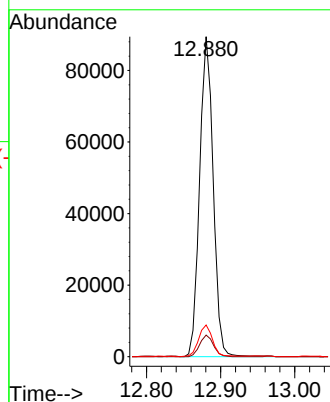
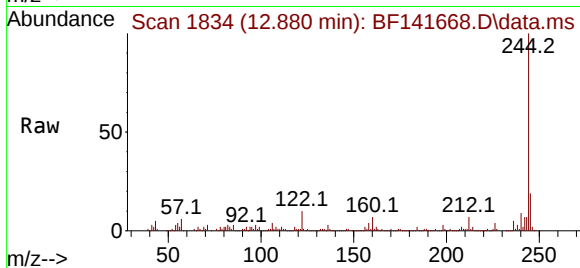
Tgt Ion:244 Resp: 113627

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.9 8.4 12.6



#80

Butylbenzylphthalate

Concen: 8.114 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

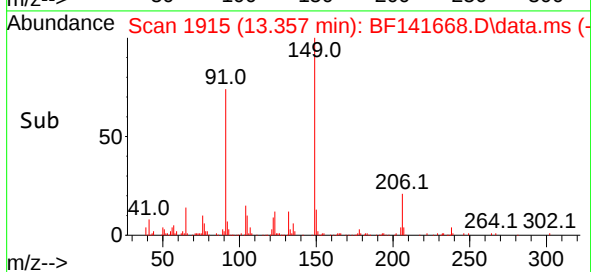
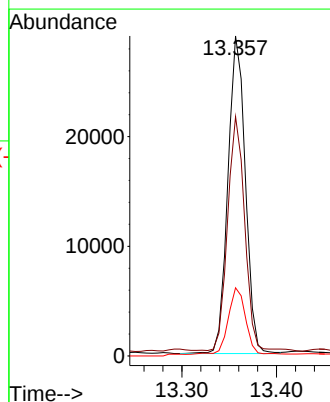
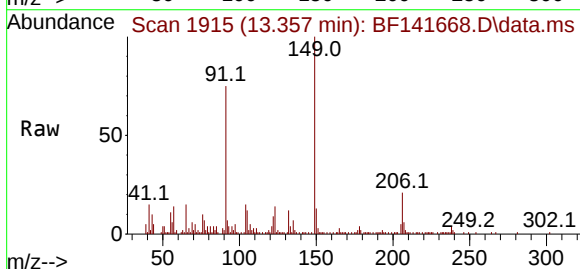
Tgt Ion:149 Resp: 37087

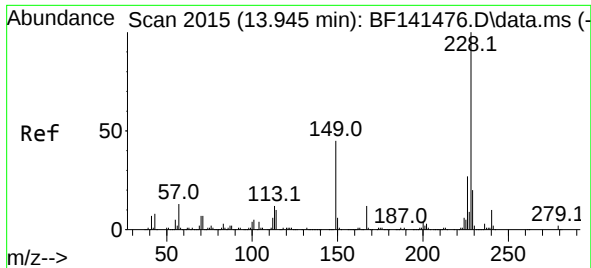
Ion Ratio Lower Upper

149 100

91 74.8 57.8 86.8

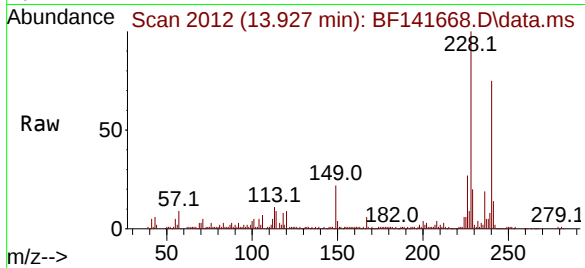
206 21.3 16.7 25.1



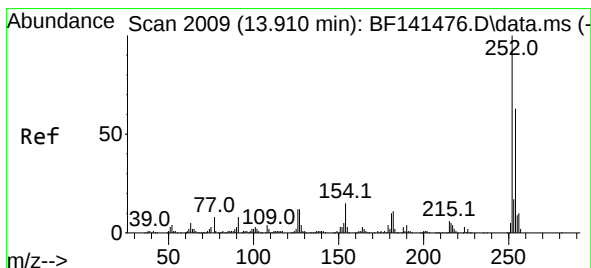
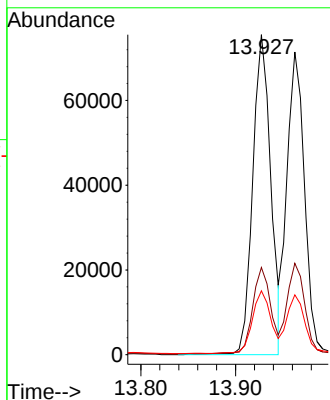
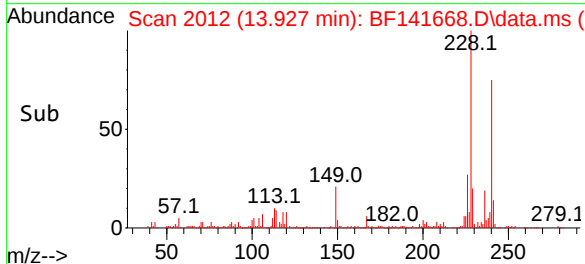


#81
Benzo(a)anthracene
Concen: 9.717 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

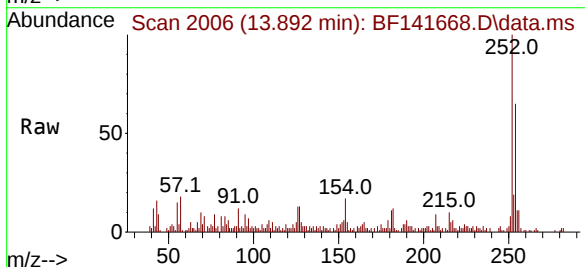
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS



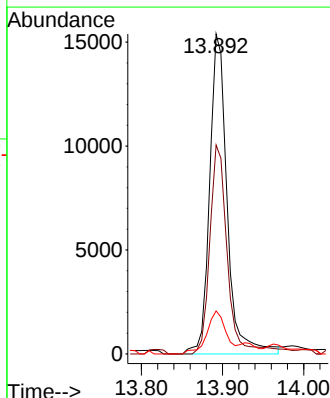
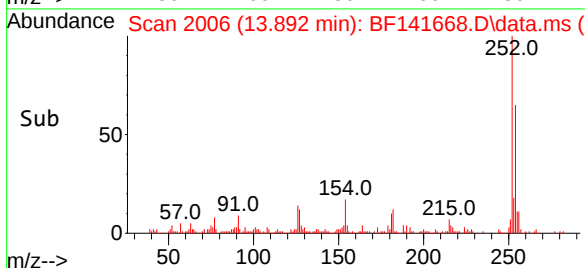
Tgt Ion:228 Resp: 100134
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.8 23.6

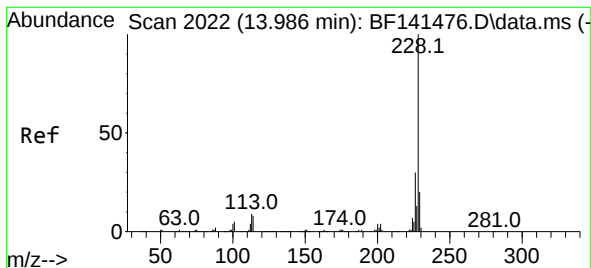


#82
3,3'-Dichlorobenzidine
Concen: 7.816 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29



Tgt Ion:252 Resp: 23072
Ion Ratio Lower Upper
252 100
254 65.3 50.6 76.0
126 13.4 9.3 13.9





#83

Chrysene

Concen: 9.581 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

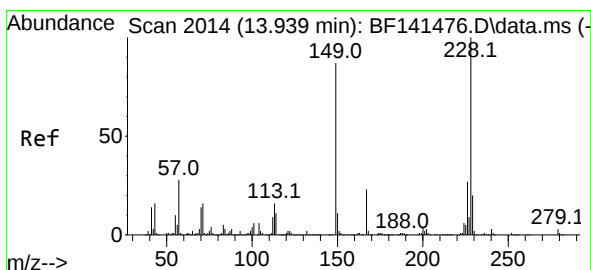
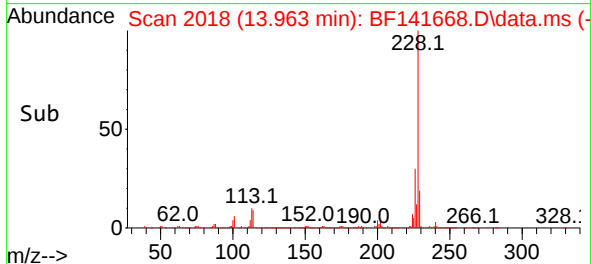
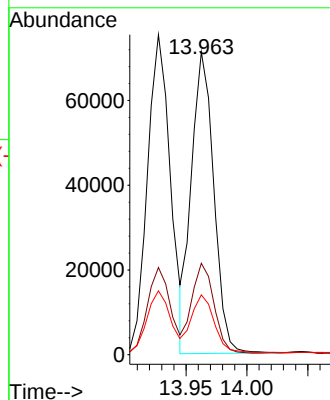
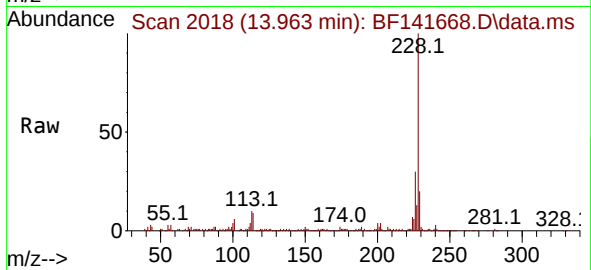
Tgt Ion:228 Resp: 91168

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.874 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

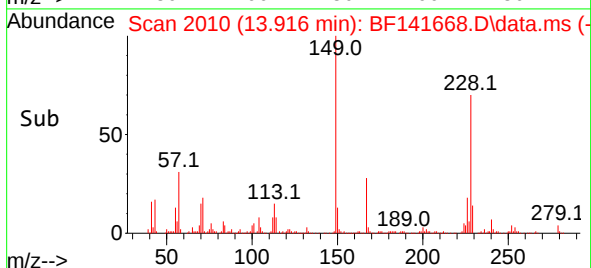
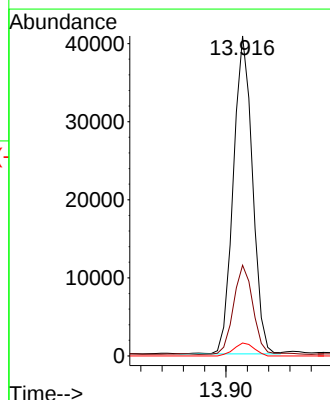
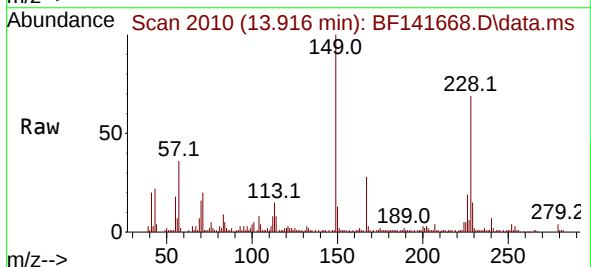
Tgt Ion:149 Resp: 50904

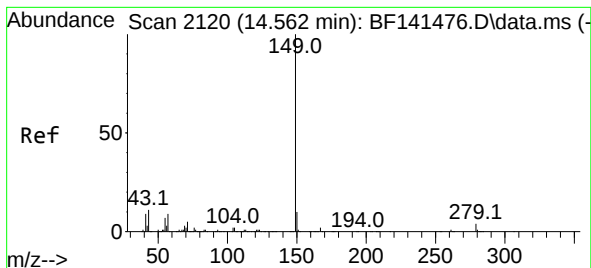
Ion Ratio Lower Upper

149 100

167 28.3 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 11.080 ng

RT: 14.527 min Scan# 2114

Delta R.T. -0.035 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

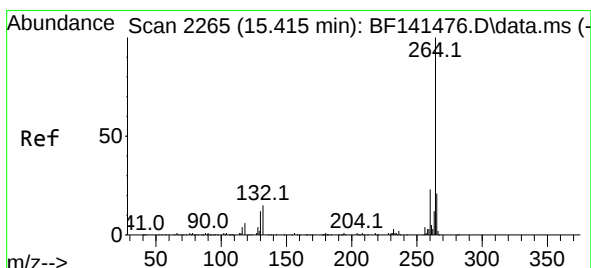
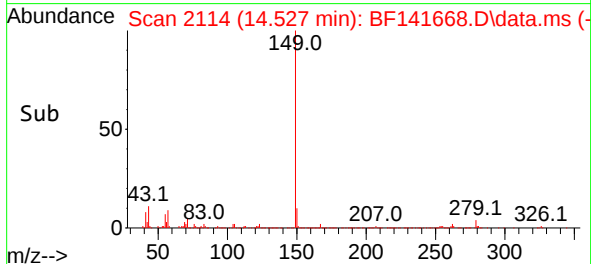
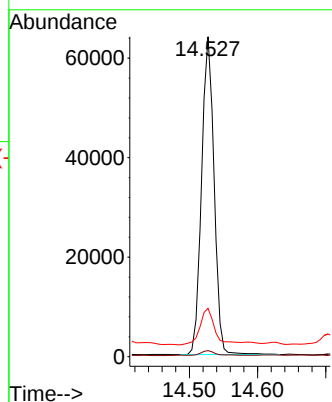
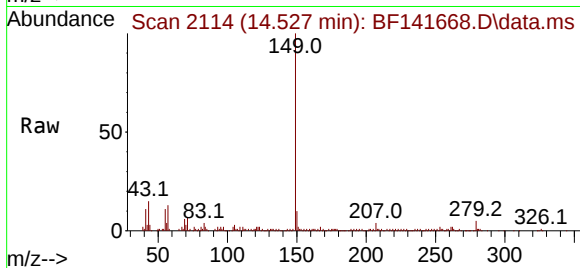
Tgt Ion:149 Resp: 81490

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.4 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

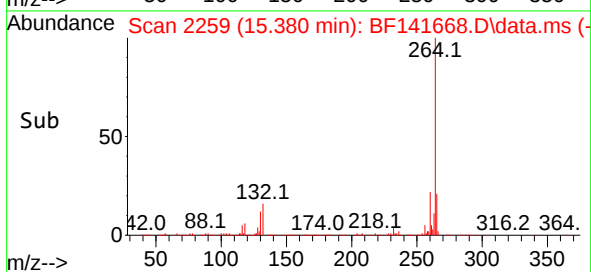
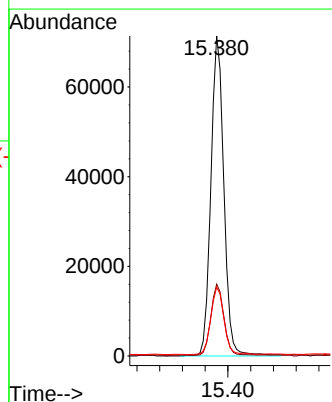
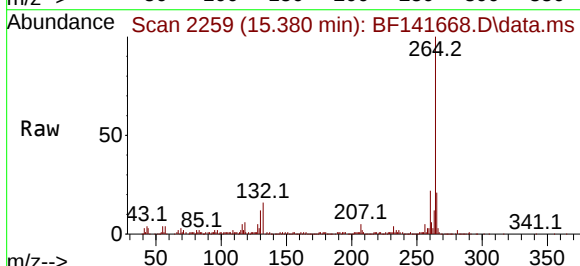
Tgt Ion:264 Resp: 112862

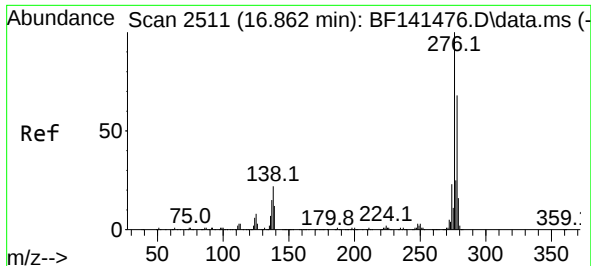
Ion Ratio Lower Upper

264 100

260 22.4 18.6 28.0

265 21.4 17.0 25.4

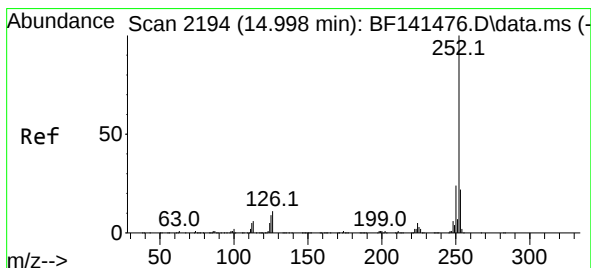
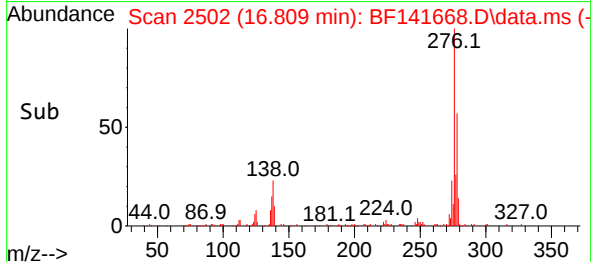
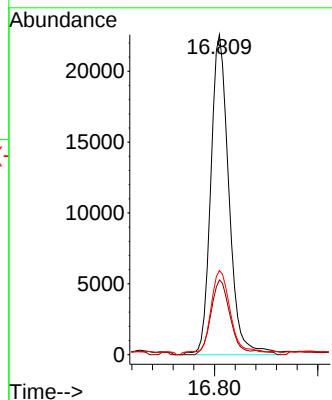
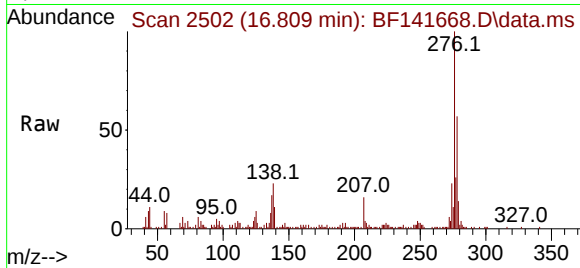




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.879 ng
 RT: 16.809 min Scan# 211
 Delta R.T. -0.065 min
 Lab File: BF141668.D
 Acq: 18 Feb 2025 18:29

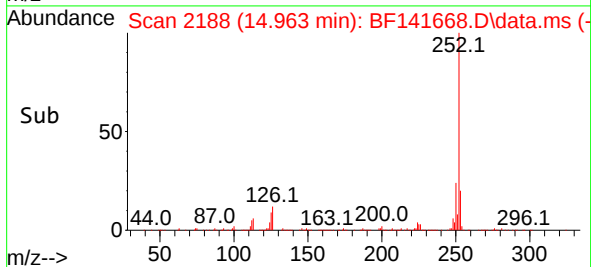
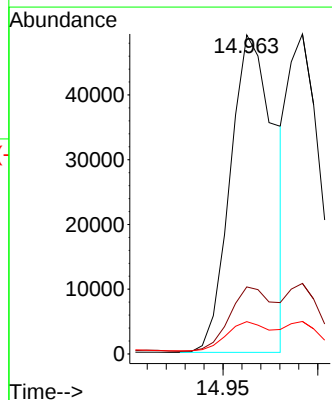
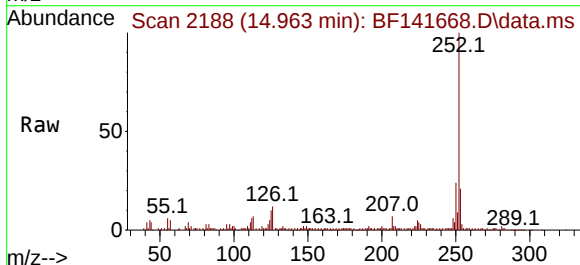
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025MS

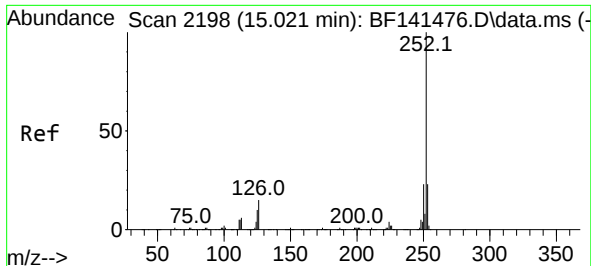
Tgt Ion:276 Resp: 54948
 Ion Ratio Lower Upper
 276 100
 138 24.5 18.0 27.0
 277 29.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 10.558 ng
 RT: 14.963 min Scan# 2188
 Delta R.T. -0.041 min
 Lab File: BF141668.D
 Acq: 18 Feb 2025 18:29

Tgt Ion:252 Resp: 80009
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.5 26.3
 125 10.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 9.095 ng

RT: 14.992 min Scan# 2198

Delta R.T. -0.041 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MS

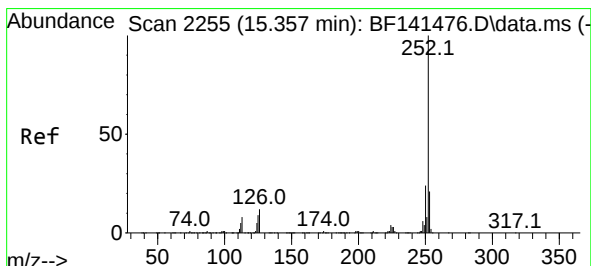
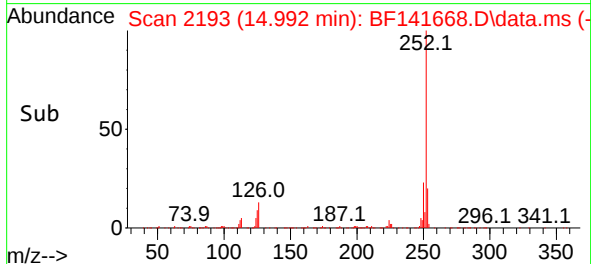
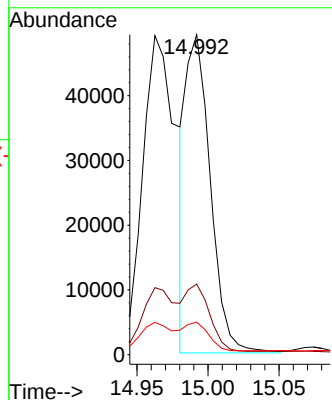
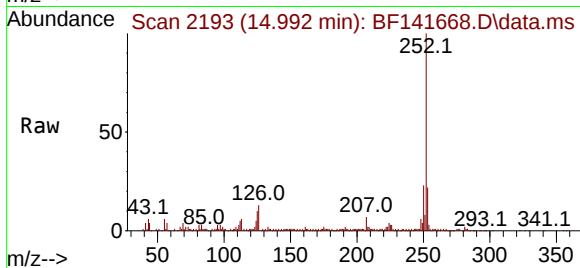
Tgt Ion:252 Resp: 58851

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 10.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 9.751 ng

RT: 15.321 min Scan# 2249

Delta R.T. -0.041 min

Lab File: BF141668.D

Acq: 18 Feb 2025 18:29

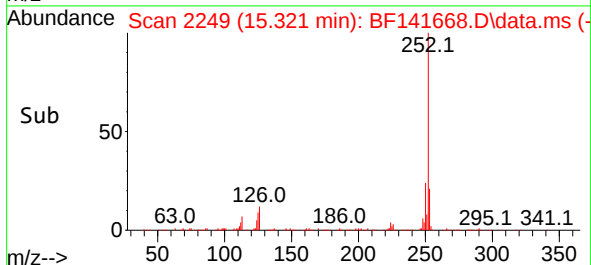
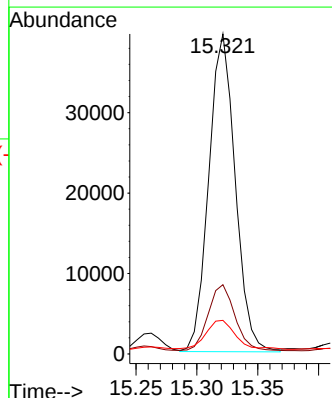
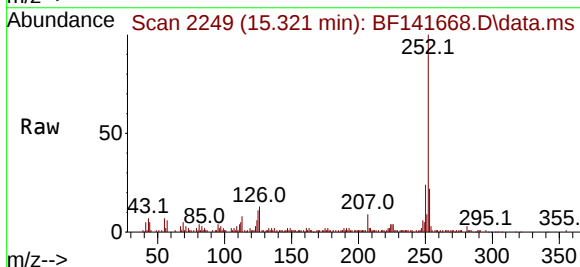
Tgt Ion:252 Resp: 59791

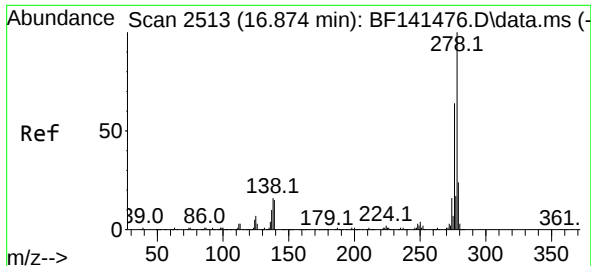
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 10.5 7.4 11.2

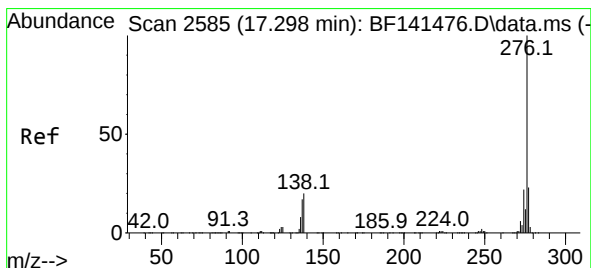
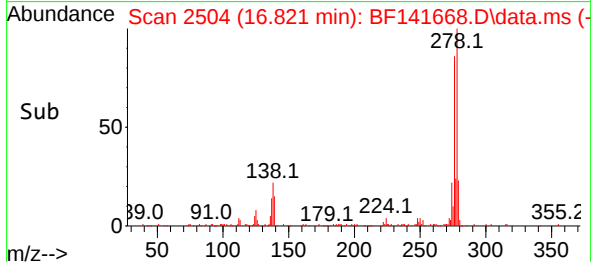
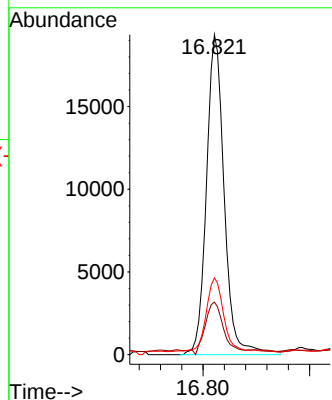
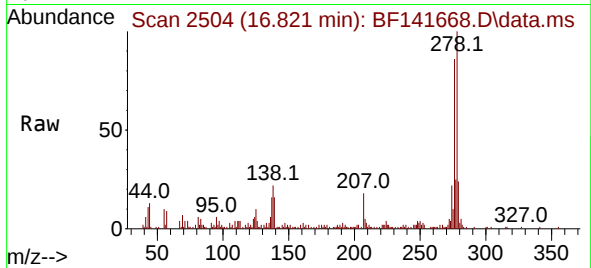




#91
Dibenzo(a,h)anthracene
Concen: 7.913 ng
RT: 16.821 min Scan# 21
Delta R.T. -0.070 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MS

Tgt Ion:278 Resp: 44714
Ion Ratio Lower Upper
278 100
139 16.5 11.8 17.6
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 7.354 ng
RT: 17.239 min Scan# 2575
Delta R.T. -0.076 min
Lab File: BF141668.D
Acq: 18 Feb 2025 18:29

Tgt Ion:276 Resp: 43488
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 19.6 15.9 23.9

