

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141691.D
 Acq On : 19 Feb 2025 23:06
 Operator : RC/JU
 Sample : Q1383-09MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-15-021725MS

Quant Time: Feb 20 00:16:30 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	91383	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	356803	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	191594	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	315237	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	173447	20.000	ng	-0.02
86) Perylene-d12	15.380	264	184904	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	490441	84.139	ng	0.00
7) Phenol-d6	6.422	99	609238	82.695	ng	-0.02
23) Nitrobenzene-d5	7.345	82	390191	57.039	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	165124	85.794	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	753926	60.625	ng	-0.02
79) Terphenyl-d14	12.880	244	737462	71.778	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	101123	43.104	ng	98
3) Pyridine	3.287	79	227652	40.779	ng	92
4) n-Nitrosodimethylamine	3.240	42	138761	37.538	ng	89
6) Aniline	6.445	93	198915	28.783	ng	87
8) 2-Chlorophenol	6.569	128	270716	42.982	ng	99
9) Benzaldehyde	6.328	77	115667	29.545	ng	98
10) Phenol	6.440	94	326566	42.588	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	248163	43.088	ng	99
12) 1,3-Dichlorobenzene	6.722	146	283509	42.637	ng	97
13) 1,4-Dichlorobenzene	6.798	146	286870	42.226	ng	98
14) 1,2-Dichlorobenzene	6.951	146	272588	43.231	ng	99
15) Benzyl Alcohol	6.928	79	222989	39.470	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	387829	39.337	ng	80
17) 2-Methylphenol	7.045	107	208590	42.320	ng	97
18) Hexachloroethane	7.287	117	106931	42.530	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	182558	41.426	ng	95
20) 3+4-Methylphenols	7.198	107	271902	43.408	ng	94
22) Acetophenone	7.192	105	405595	45.697	ng	95
24) Nitrobenzene	7.363	77	276454	41.444	ng	100
25) Isophorone	7.604	82	490001	44.924	ng	99
26) 2-Nitrophenol	7.681	139	143090	43.116	ng	96
27) 2,4-Dimethylphenol	7.722	122	210930	54.405	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	299943	42.915	ng	99
29) 2,4-Dichlorophenol	7.928	162	222545	42.483	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	241030	42.253	ng	100
31) Naphthalene	8.087	128	775721	41.766	ng	100
32) Benzoic acid	7.863	122	135395	33.621	ng	96
33) 4-Chloroaniline	8.145	127	50619	7.806	ng	98
34) Hexachlorobutadiene	8.198	225	149026	43.516	ng	99
35) Caprolactam	8.551	113	23178	14.532	ng	92
36) 4-Chloro-3-methylphenol	8.634	107	236342	40.730	ng	98
37) 2-Methylnaphthalene	8.775	142	488399	40.410	ng	99
38) 1-Methylnaphthalene	8.875	142	472328	40.350	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	264867	47.784	ng	98
41) Hexachlorocyclopentadiene	8.928	237	233821	126.824	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	152206	42.485	ng	99

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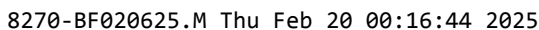
Instrument :
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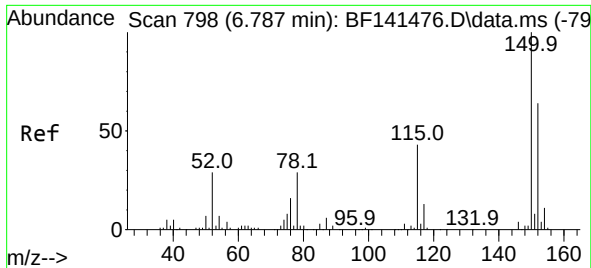
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	161058	41.481	ng	98
46) 1,1'-Biphenyl	9.239	154	695306	46.810	ng	99
47) 2-Chloronaphthalene	9.263	162	477930	43.511	ng	99
48) 2-Nitroaniline	9.363	65	150715	40.886	ng	96
49) Acenaphthylene	9.681	152	733342	44.887	ng	100
50) Dimethylphthalate	9.539	163	560273	43.075	ng	100
51) 2,6-Dinitrotoluene	9.604	165	123670	43.494	ng	98
52) Acenaphthene	9.851	154	456548	41.567	ng	99
53) 3-Nitroaniline	9.775	138	65848	21.517	ng	99
54) 2,4-Dinitrophenol	9.892	184	111818	66.168	ng	89
55) Dibenzofuran	10.022	168	665170	41.259	ng	99
56) 4-Nitrophenol	9.957	139	171082	75.307	ng	92
57) 2,4-Dinitrotoluene	10.010	165	165008	43.593	ng	100
58) Fluorene	10.363	166	528335	42.384	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	135703	40.597	ng	94
60) Diethylphthalate	10.239	149	537334	41.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	258751	43.147	ng	98
62) 4-Nitroaniline	10.392	138	119535	38.467	ng	95
63) Azobenzene	10.516	77	542497	42.642	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	78982	36.068	ng	94
66) n-Nitrosodiphenylamine	10.475	169	456846	45.272	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	156576	44.442	ng	98
68) Hexachlorobenzene	10.910	284	164848	45.439	ng	98
69) Atrazine	11.004	200	169018	55.831	ng	99
70) Pentachlorophenol	11.110	266	152558	65.764	ng	100
71) Phenanthrene	11.328	178	758154	43.692	ng	100
72) Anthracene	11.380	178	771214	44.212	ng	100
73) Carbazole	11.533	167	648043	41.289	ng	100
74) Di-n-butylphthalate	11.863	149	792615	43.736	ng	100
75) Fluoranthene	12.510	202	703158	38.222	ng	100
77) Benzidine	12.639	184	232481	60.775	ng	99
78) Pyrene	12.739	202	696703	47.186	ng	100
80) Butylbenzylphthalate	13.357	149	261679	51.167	ng	99
81) Benzo(a)anthracene	13.927	228	493567	42.809	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	102649	31.080	ng	99
83) Chrysene	13.963	228	466344	43.805	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	329913	57.197	ng	100
85) Di-n-octyl phthalate	14.527	149	479672	58.294	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	574071	50.247	ng	99
88) Benzo(b)fluoranthene	14.963	252	446800	35.988	ng	99
89) Benzo(k)fluoranthene	14.992	252	389100	36.702	ng	98
90) Benzo(a)pyrene	15.321	252	448618	44.656	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	465267	50.258	ng	99
92) Benzo(g,h,i)perylene	17.245	276	455897	47.060	ng	99

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

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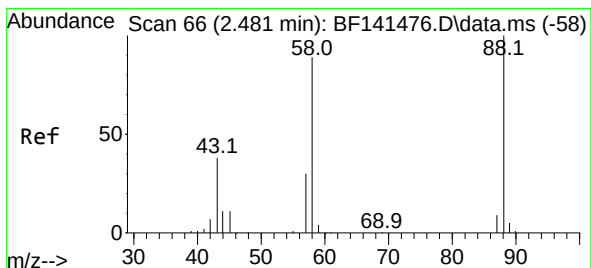
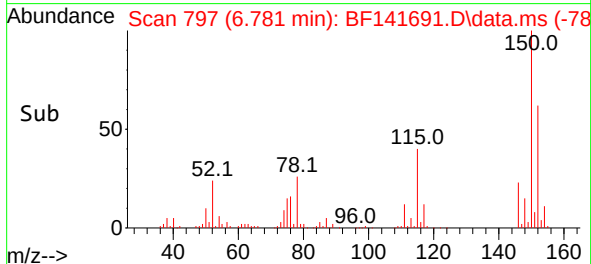
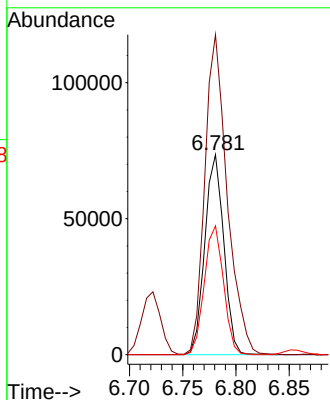
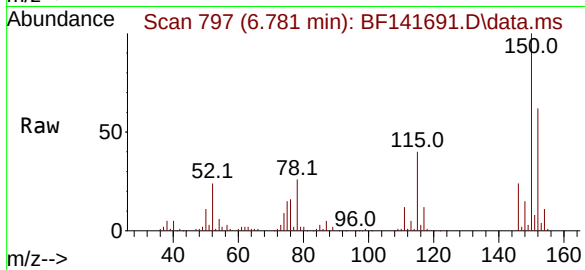




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

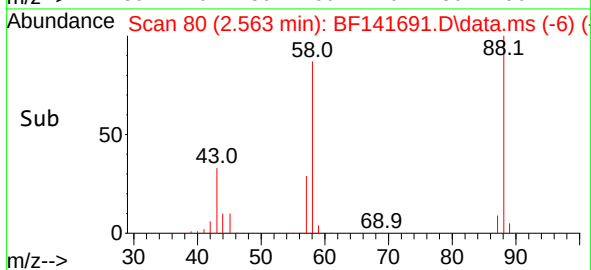
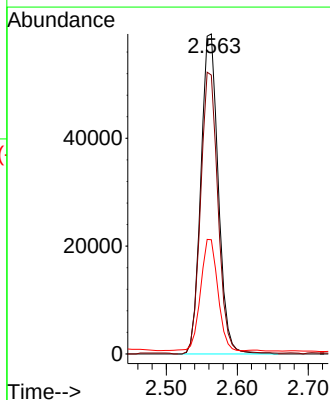
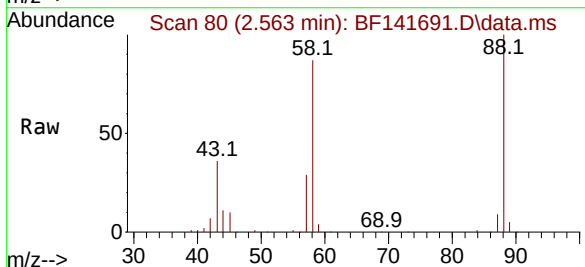
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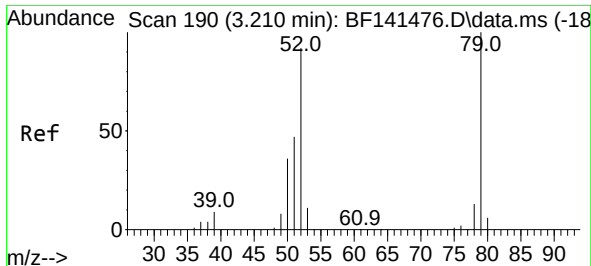
Tgt Ion:152 Resp: 91383
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.0 187.4
 115 64.5 53.6 80.4



#2
 1,4-Dioxane
 Concen: 43.104 ng
 RT: 2.563 min Scan# 80
 Delta R.T. 0.083 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

Tgt Ion: 88 Resp: 101123
 Ion Ratio Lower Upper
 88 100
 58 88.4 71.1 106.7
 43 34.3 30.6 46.0

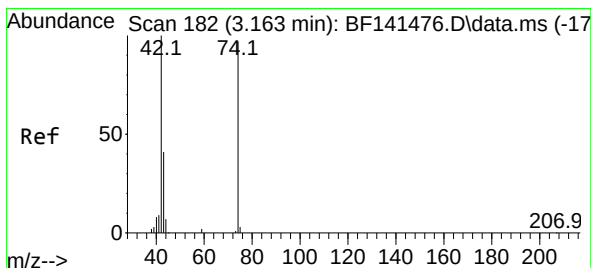
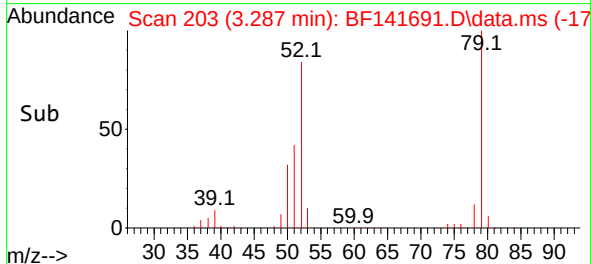
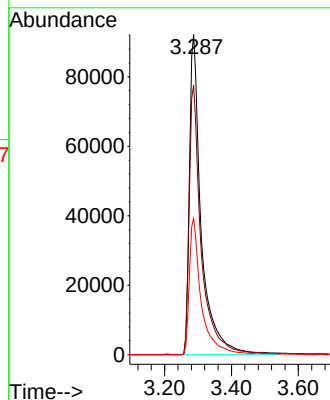
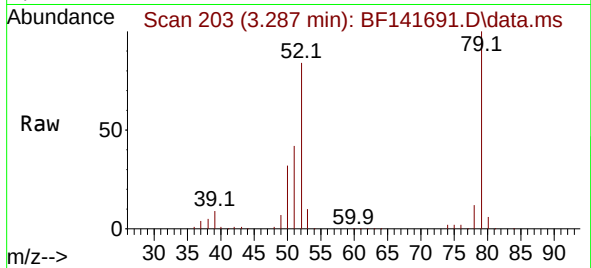




#3
Pyridine
Concen: 40.779 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

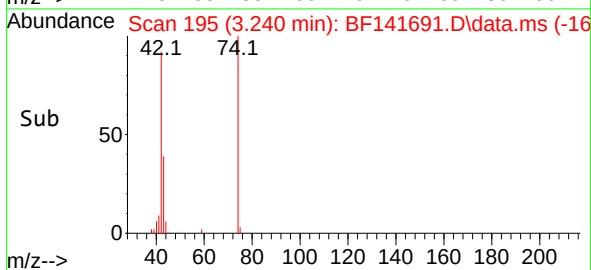
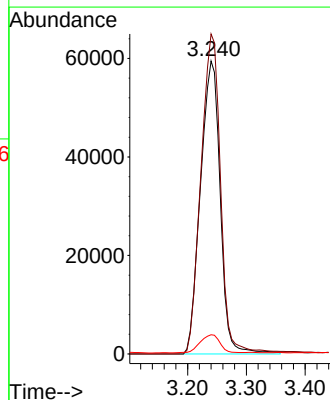
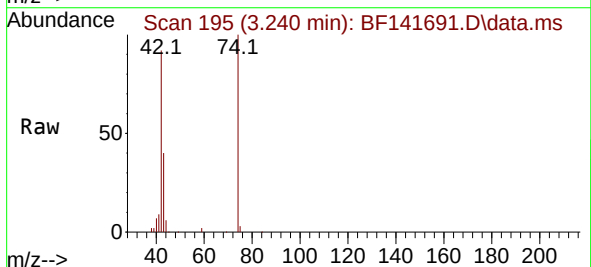
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

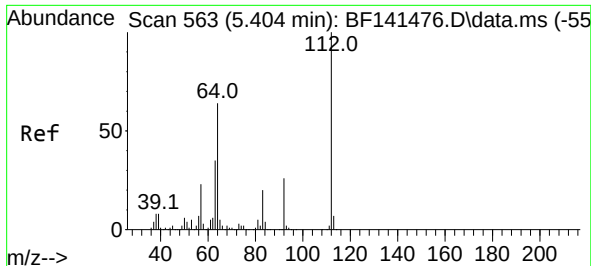
Tgt Ion: 79 Resp: 227652
Ion Ratio Lower Upper
79 100
52 84.2 73.7 110.5
51 42.5 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 37.538 ng
RT: 3.240 min Scan# 195
Delta R.T. 0.053 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion: 42 Resp: 138761
Ion Ratio Lower Upper
42 100
74 109.2 78.0 117.0
44 6.6 5.4 8.2

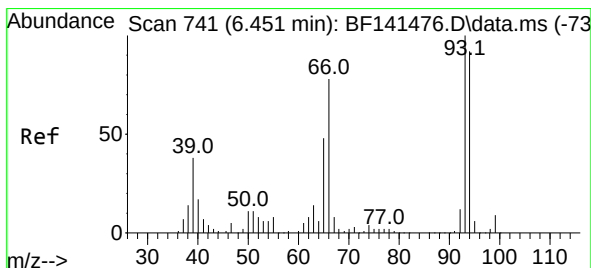
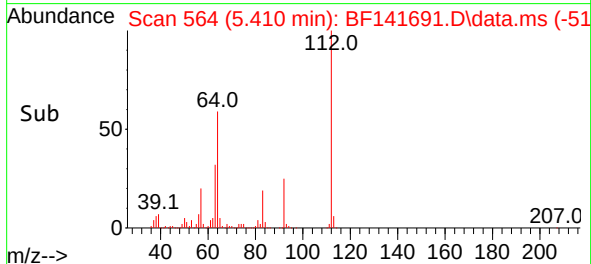
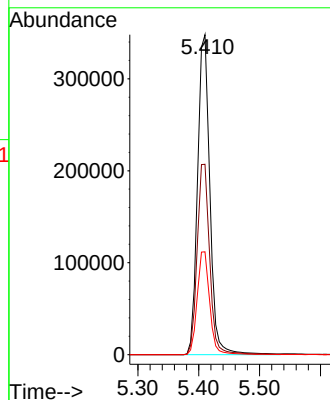
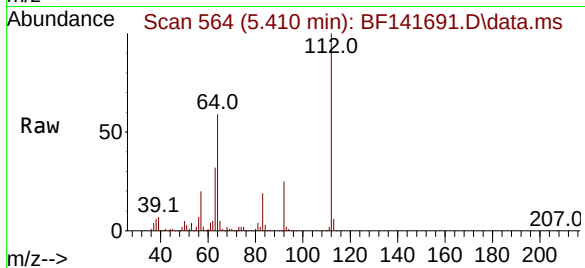




#5
2-Fluorophenol
Concen: 84.139 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

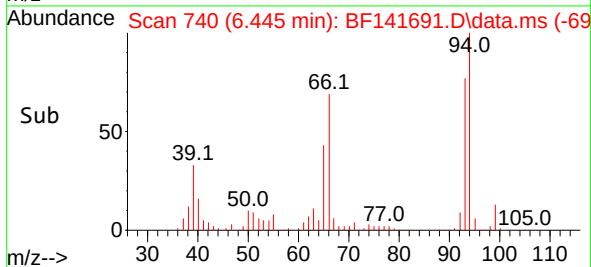
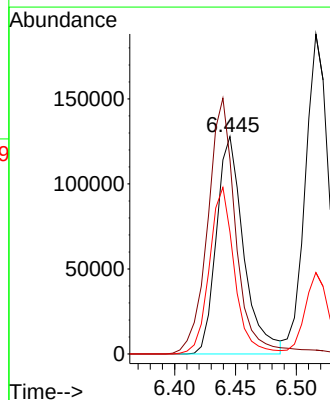
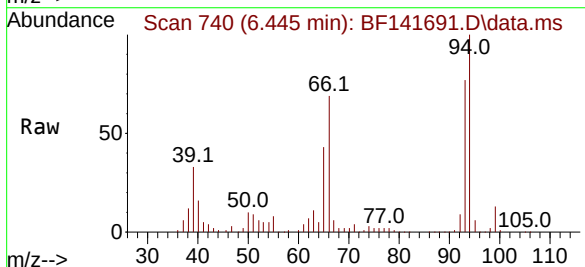
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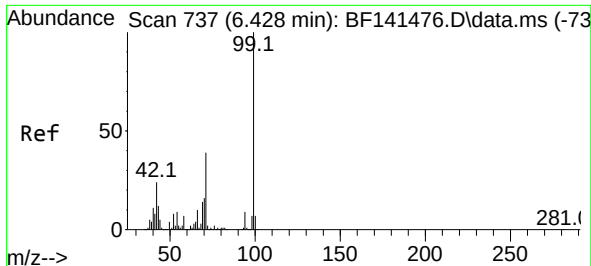
Tgt Ion:112 Resp: 490441
Ion Ratio Lower Upper
112 100
64 59.5 51.1 76.7
63 32.1 28.4 42.6



#6
Aniline
Concen: 28.783 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion: 93 Resp: 198915
Ion Ratio Lower Upper
93 100
66 89.5 62.6 94.0
65 56.1 38.3 57.5

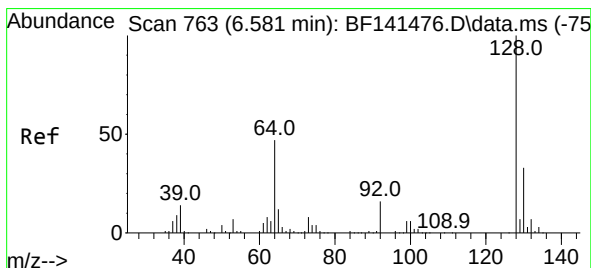
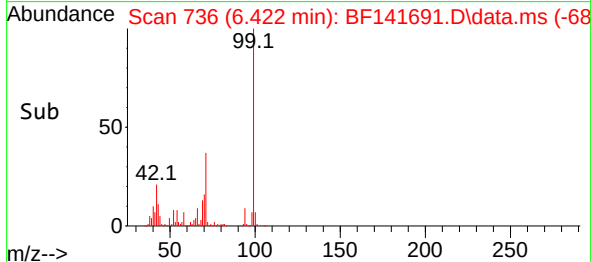
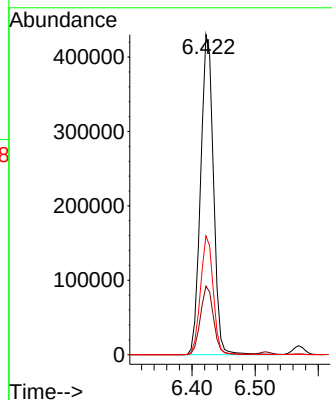
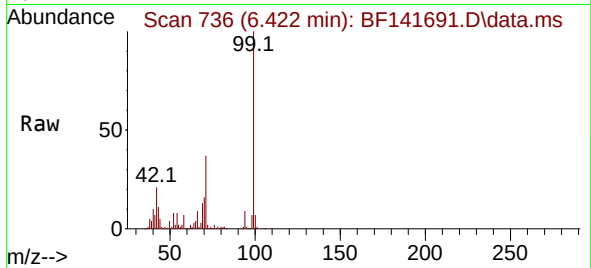




#7
Phenol-d6
Concen: 82.695 ng
RT: 6.422 min Scan# 714
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

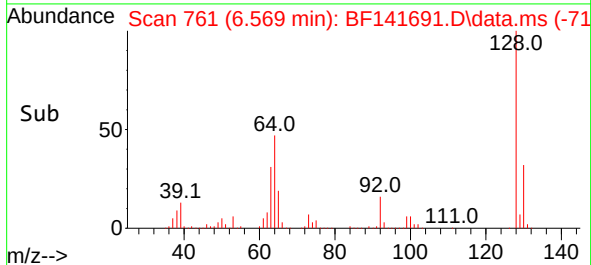
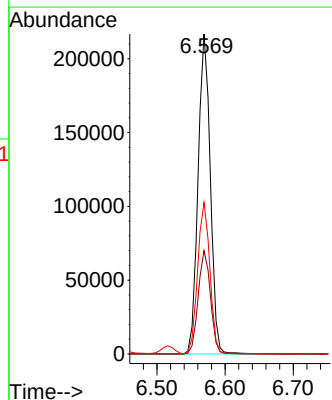
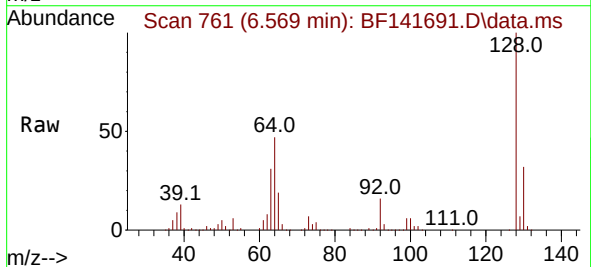
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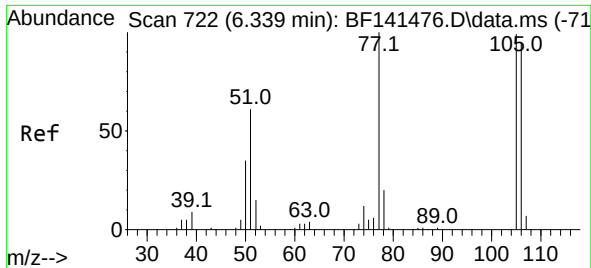
Tgt Ion: 99 Resp: 609238
Ion Ratio Lower Upper
99 100
42 21.4 19.1 28.7
71 37.1 31.1 46.7



#8
2-Chlorophenol
Concen: 42.982 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion: 128 Resp: 270716
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 47.4 28.3 68.3

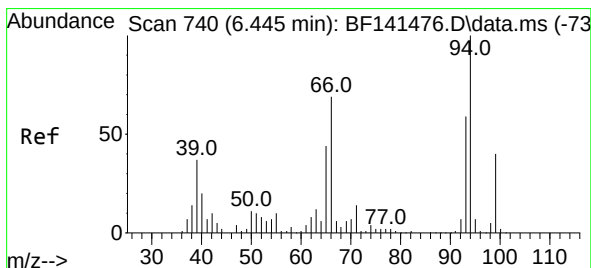
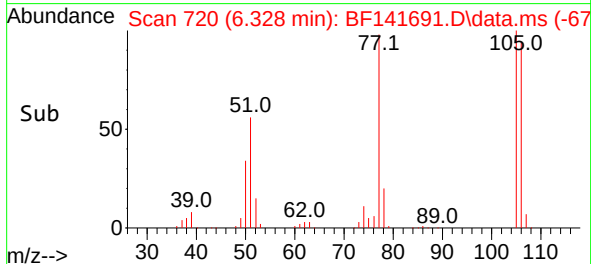
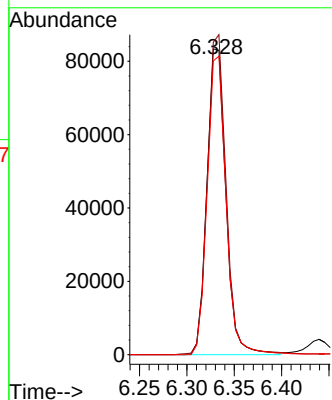
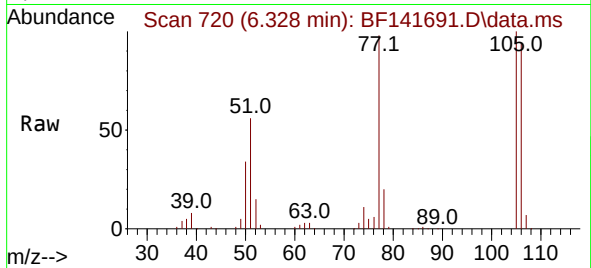




#9
Benzaldehyde
Concen: 29.545 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

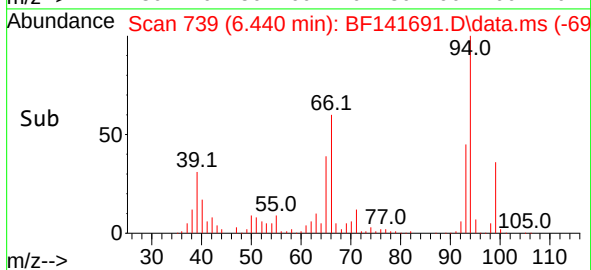
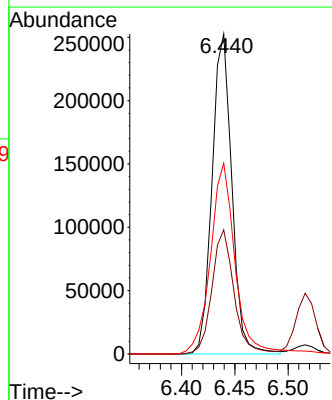
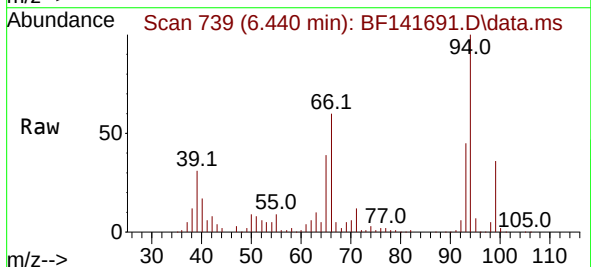
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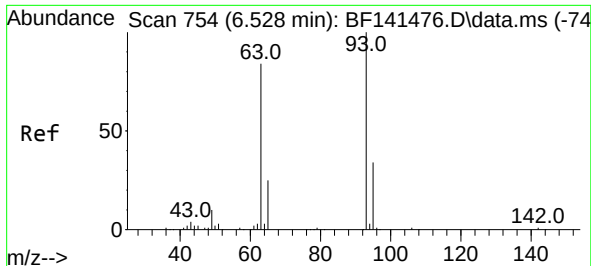
Tgt Ion: 77 Resp: 115667
Ion Ratio Lower Upper
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105 102.2 79.4 119.4
106 96.1 75.1 115.1



#10
Phenol
Concen: 42.588 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

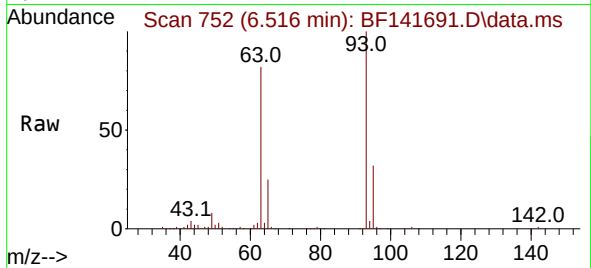
Tgt Ion: 94 Resp: 326566
Ion Ratio Lower Upper
94 100
65 38.8 23.7 63.7
66 59.6 49.3 89.3



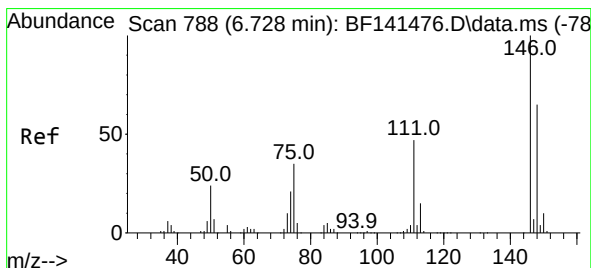
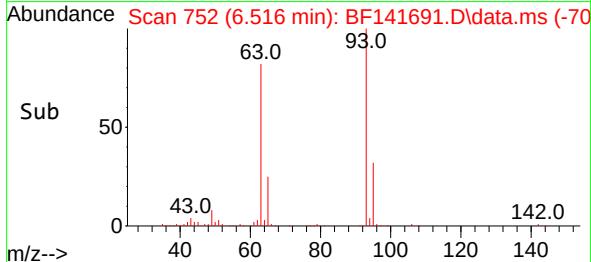
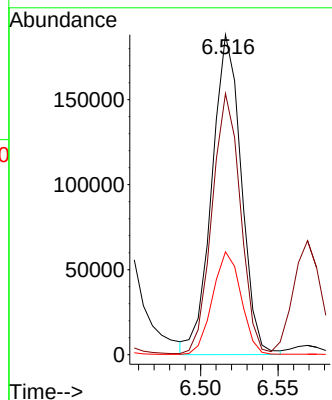


#11
bis(2-Chloroethyl)ether
Concen: 43.088 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

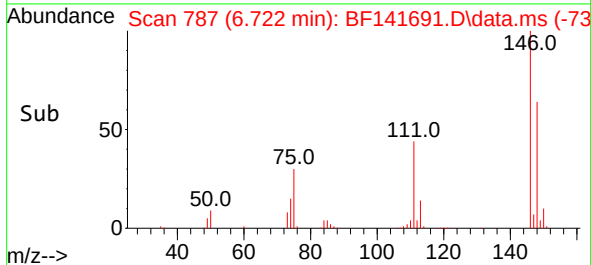
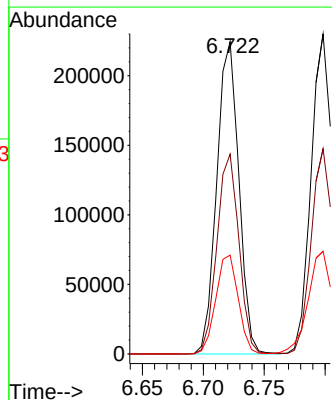
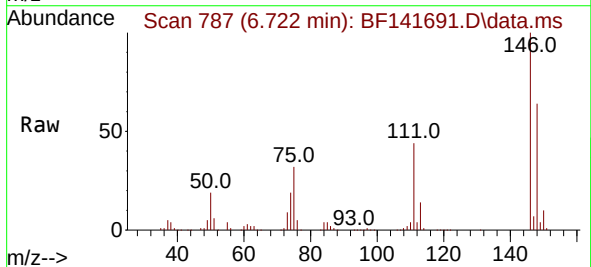


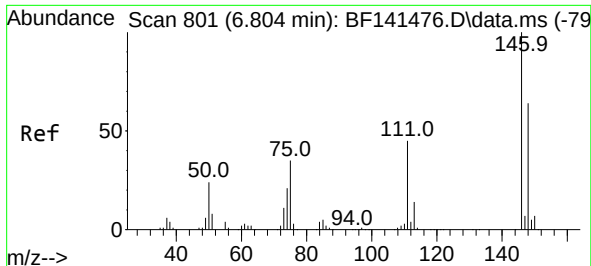
Tgt Ion: 93 Resp: 248163
Ion Ratio Lower Upper
93 100
63 81.6 62.0 102.0
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.637 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:146 Resp: 283509
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 31.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.226 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141691.D

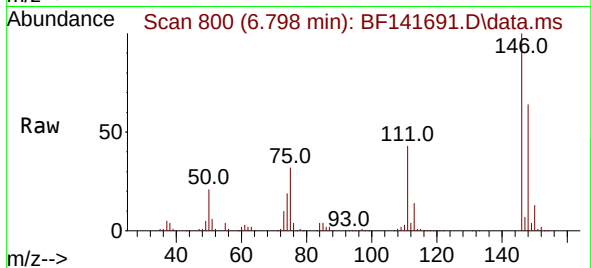
Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS



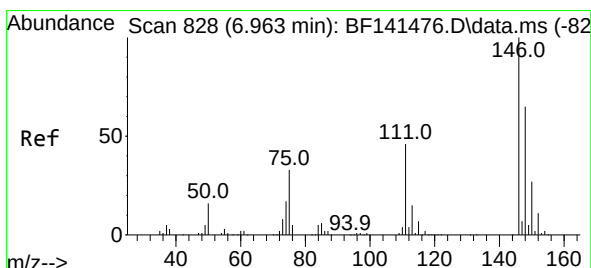
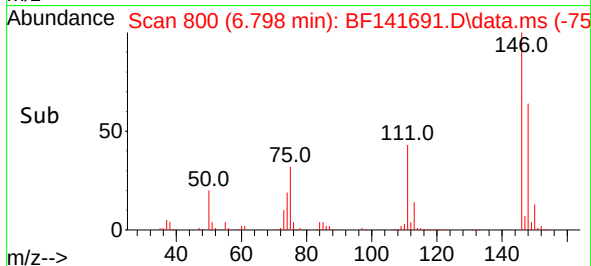
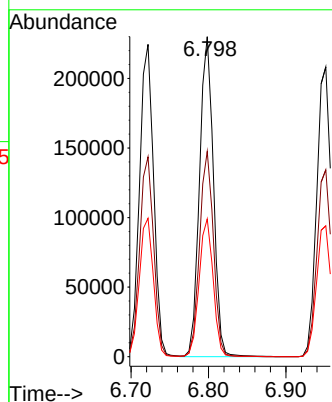
Tgt Ion:146 Resp: 286870

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

111 43.1 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 43.231 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

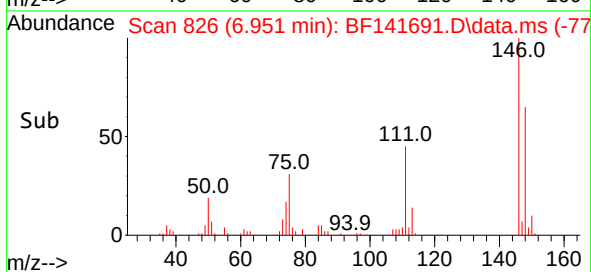
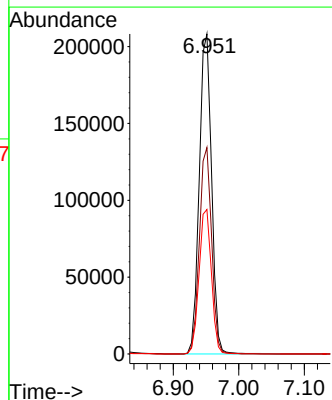
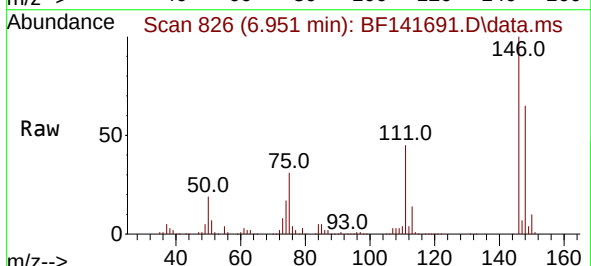
Tgt Ion:146 Resp: 272588

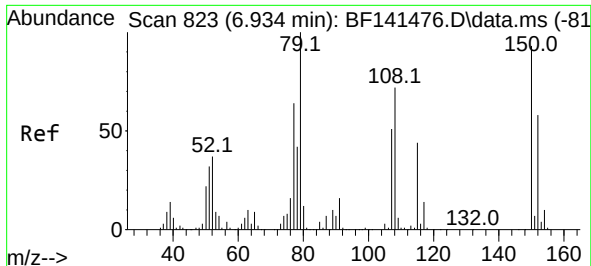
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

111 45.2 37.0 55.4

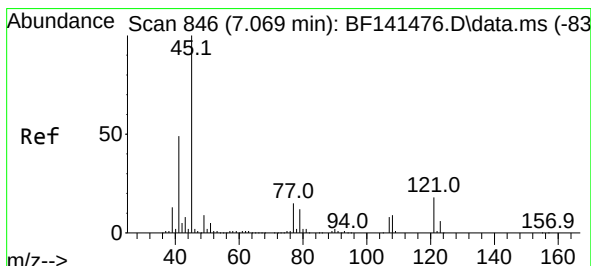
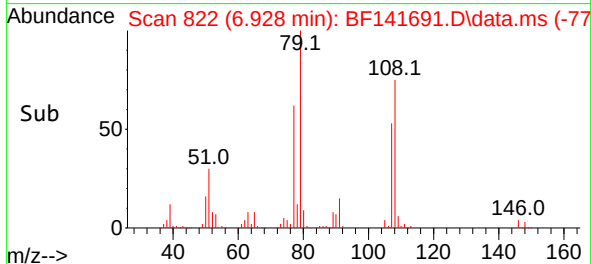
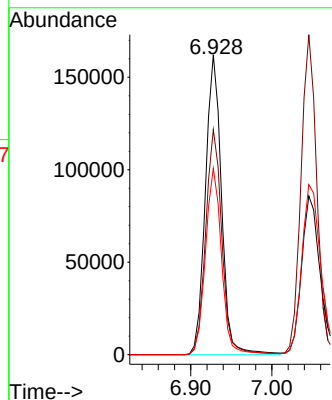
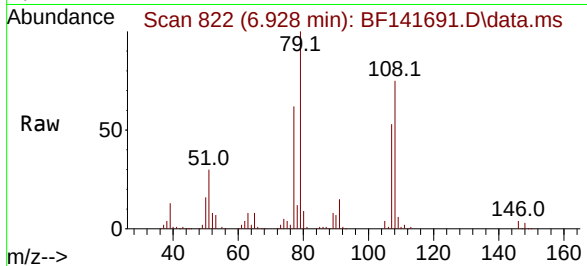




#15
Benzyl Alcohol
Concen: 39.470 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

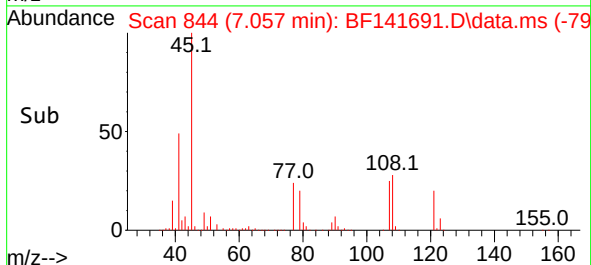
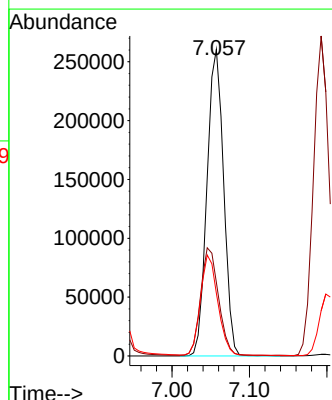
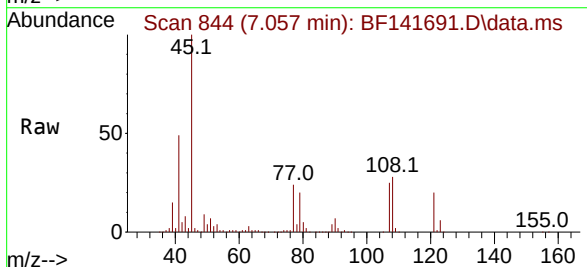
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

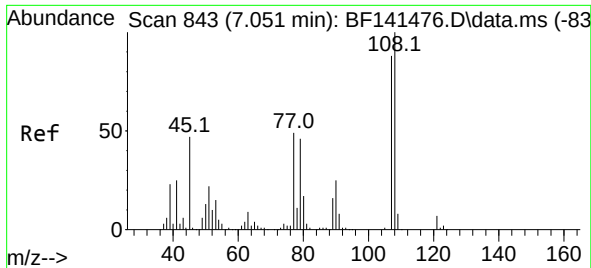
Tgt Ion: 79 Resp: 222989
Ion Ratio Lower Upper
79 100
108 75.1 57.4 86.2
77 62.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

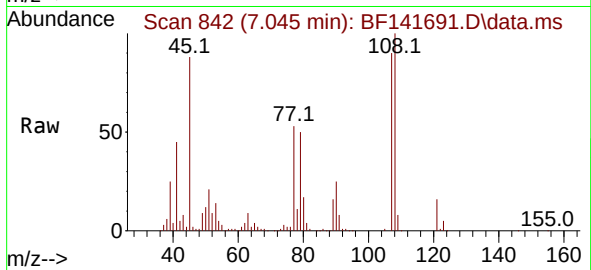
Tgt Ion: 45 Resp: 387829
Ion Ratio Lower Upper
45 100
77 24.0 0.0 35.8
79 20.5 0.0 32.7



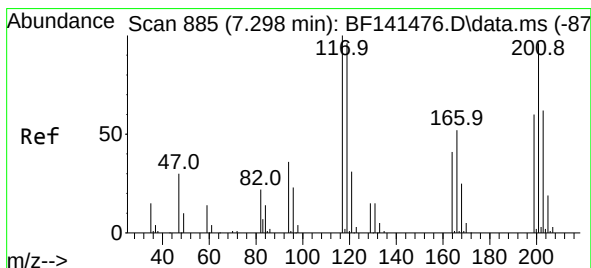
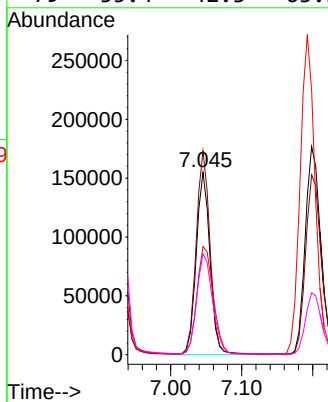
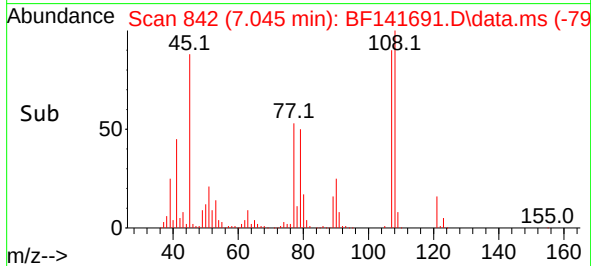


#17
2-Methylphenol
Concen: 42.320 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

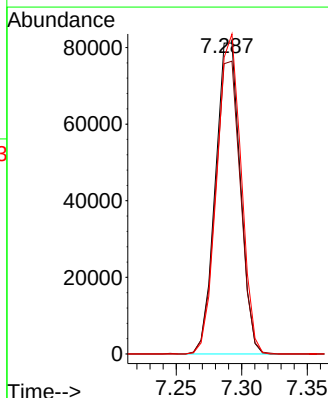
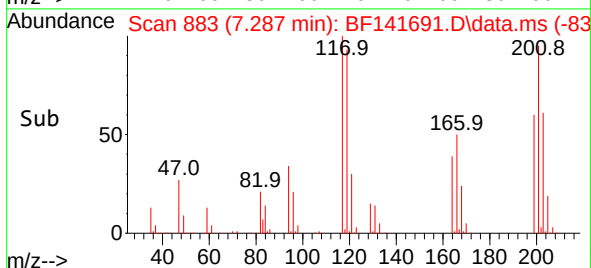
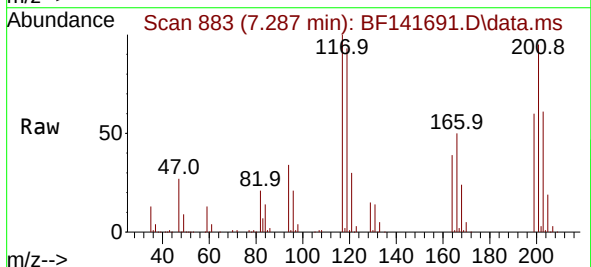


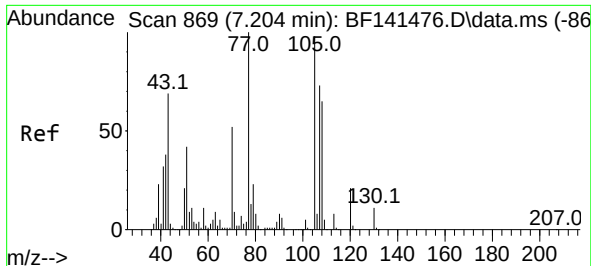
Tgt Ion:	107	Resp:	208590
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.6	136.0
77	59.3	44.4	66.6
79	55.4	42.3	63.5



#18
Hexachloroethane
Concen: 42.530 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:	117	Resp:	106931
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.5	114.7
201	95.3	76.7	115.1



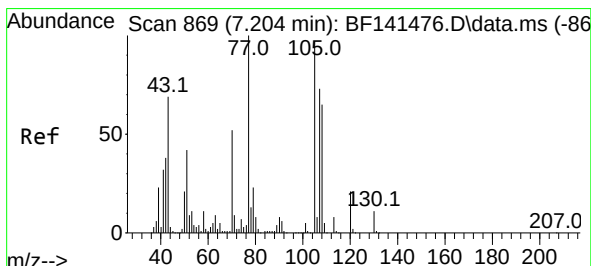
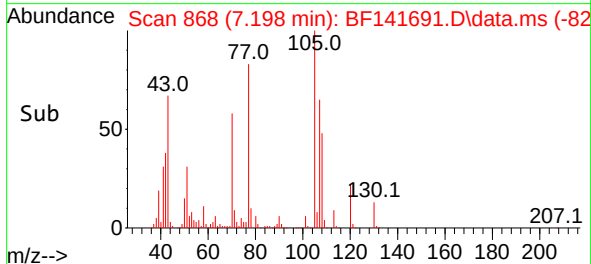
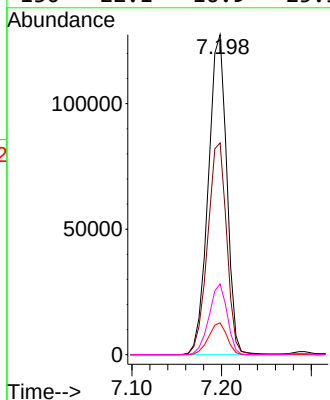
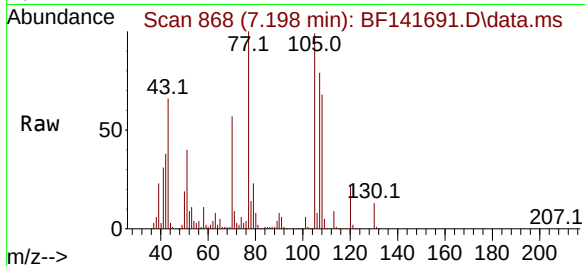


#19
n-Nitroso-di-n-propylamine
Concen: 41.426 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

Tgt Ion: 70 Resp: 182558

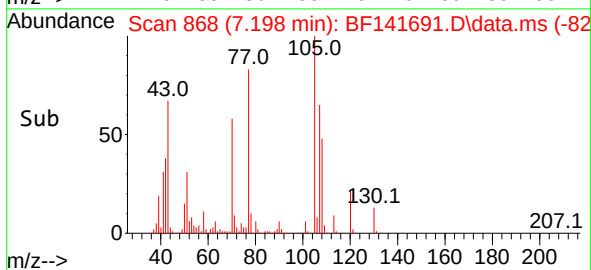
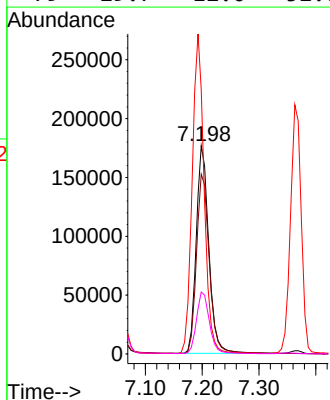
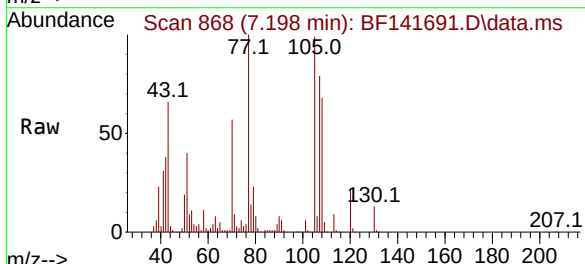
Ion	Ratio	Lower	Upper
70	100		
42	66.2	57.4	86.2
101	9.9	8.0	12.0
130	22.1	16.9	25.3

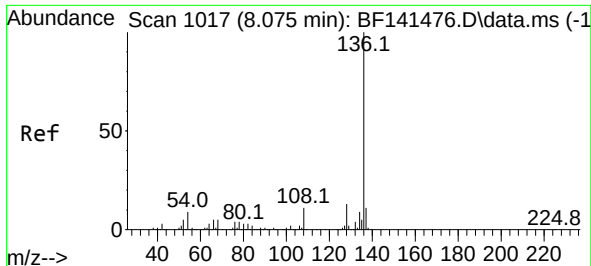


#20
3+4-Methylphenols
Concen: 43.408 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion: 107 Resp: 271902

Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.5	108.5
77	126.8	116.5	156.5
79	29.7	12.0	52.0

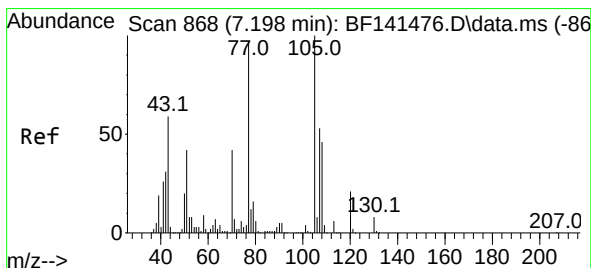
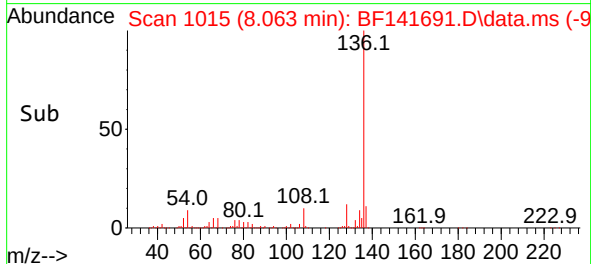
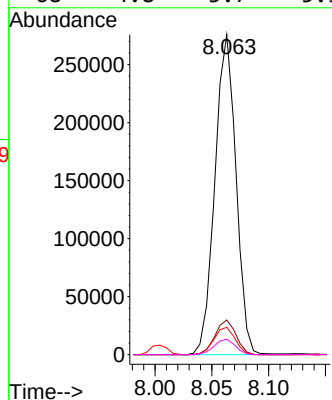
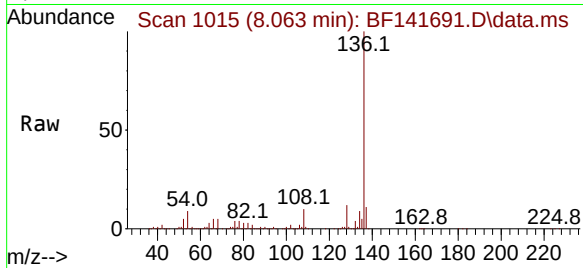




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

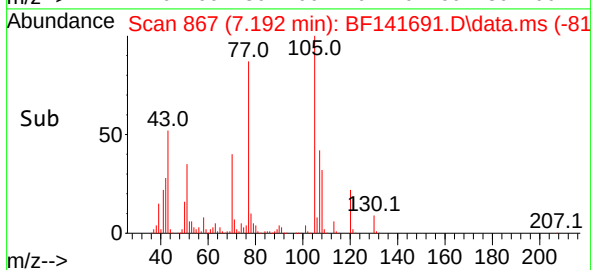
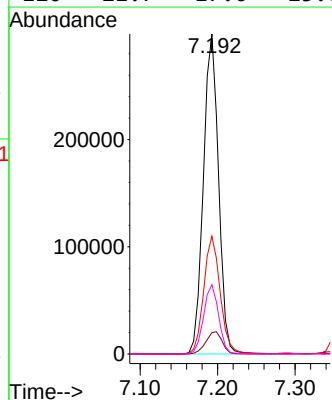
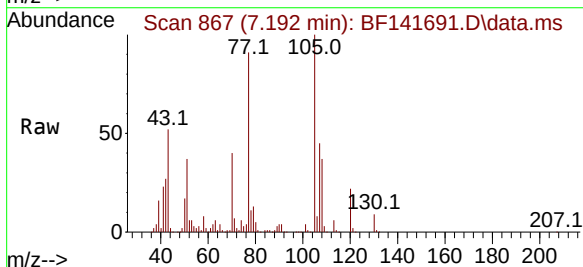
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

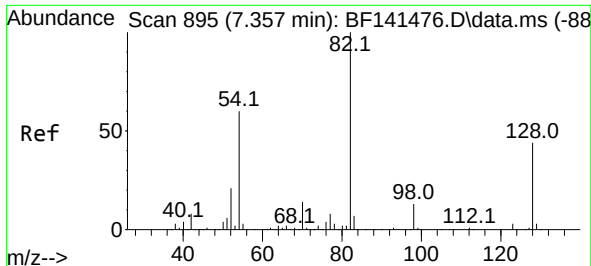
Tgt Ion:136 Resp: 356803
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.2 10.8
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 45.697 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:105 Resp: 405595
Ion Ratio Lower Upper
105 100
71 6.7 5.7 8.5
51 36.8 33.7 50.5
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 57.039 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

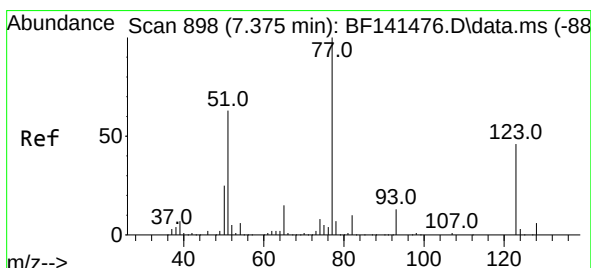
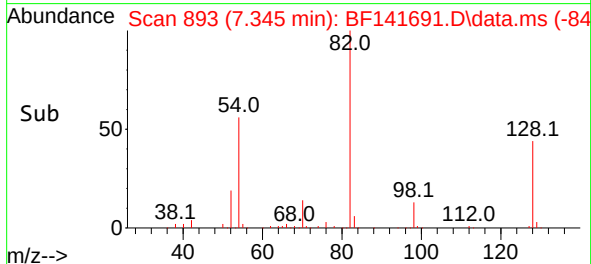
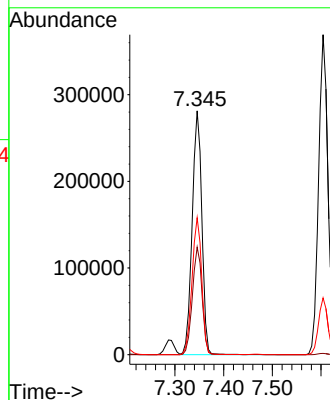
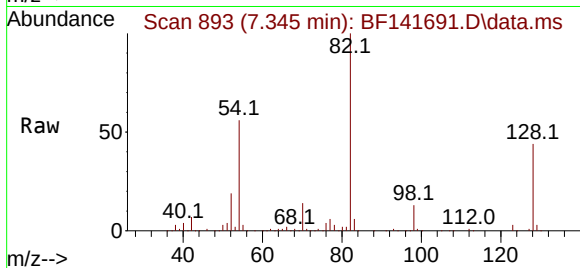
Tgt Ion: 82 Resp: 390191

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

54 56.2 48.2 72.4



#24

Nitrobenzene

Concen: 41.444 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

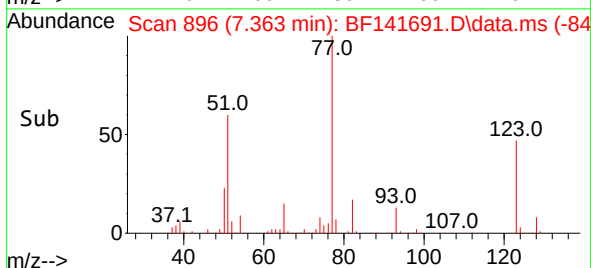
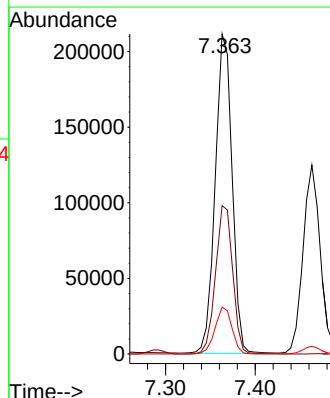
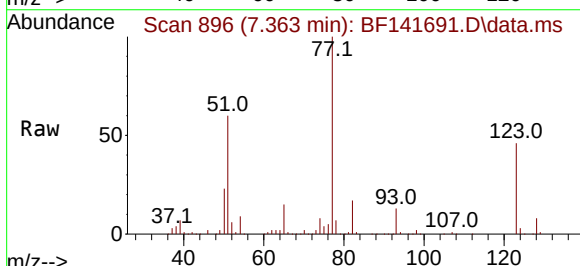
Tgt Ion: 77 Resp: 276454

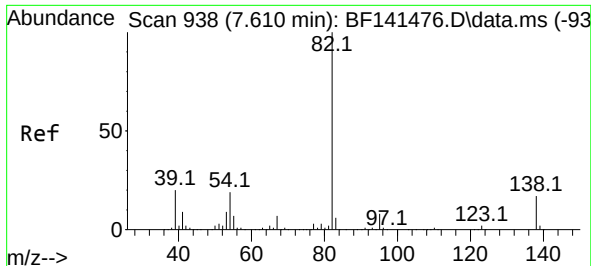
Ion Ratio Lower Upper

77 100

123 46.4 36.9 55.3

65 14.6 11.9 17.9

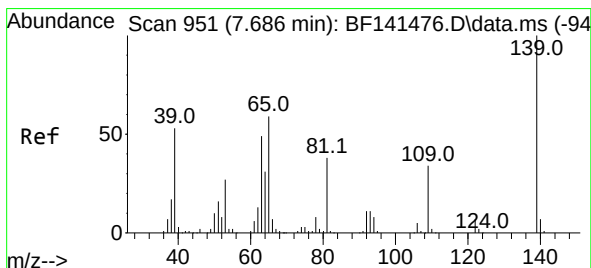
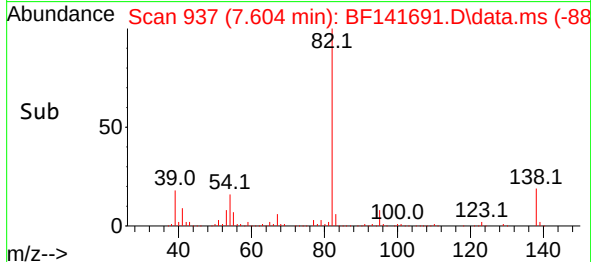
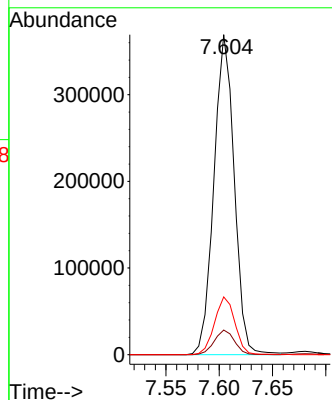
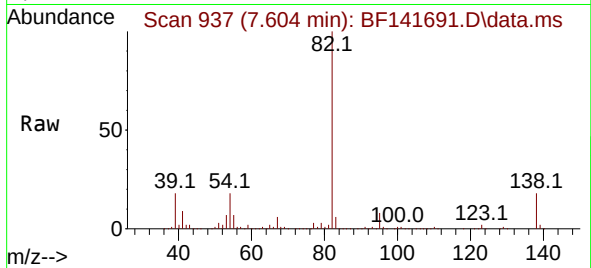




#25
Isophorone
Concen: 44.924 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

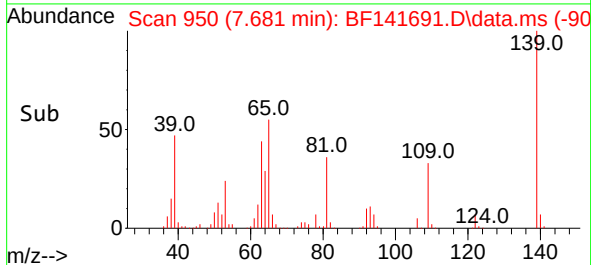
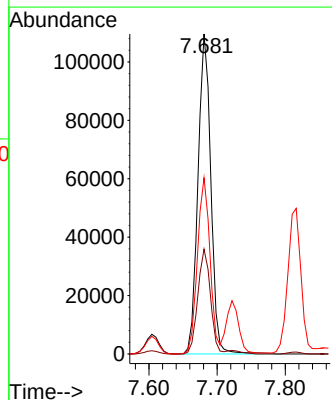
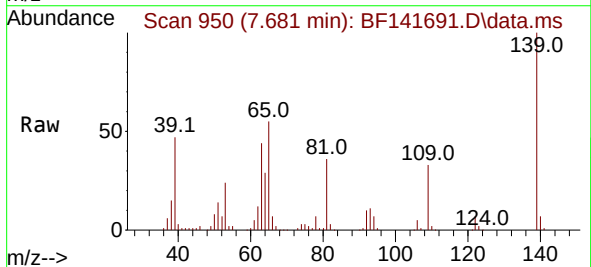
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

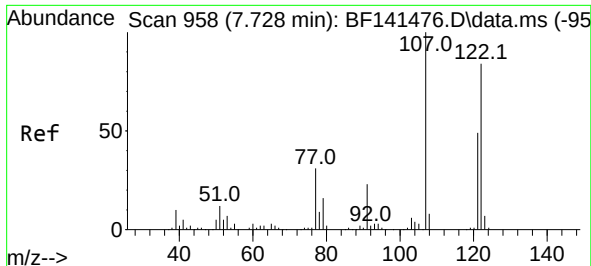
Tgt Ion: 82 Resp: 490001
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 43.116 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:139 Resp: 143090
Ion Ratio Lower Upper
139 100
109 32.7 27.0 40.6
65 55.1 47.1 70.7

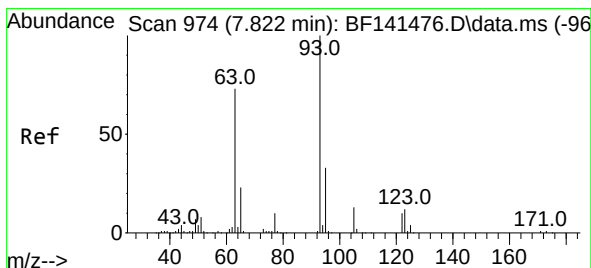
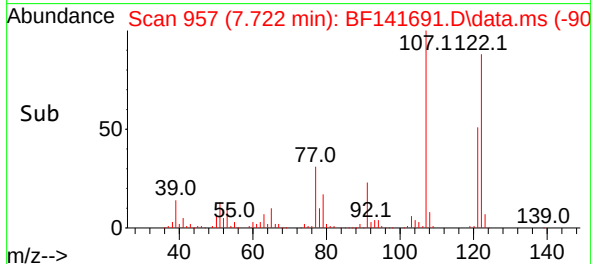
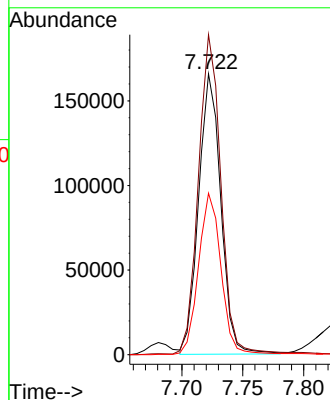
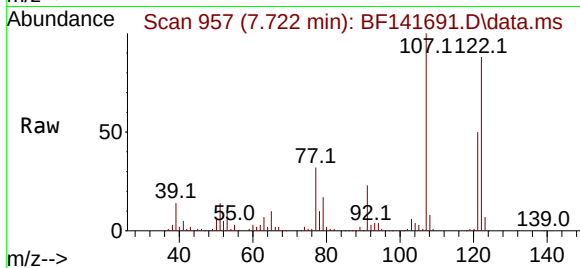




#27
2,4-Dimethylphenol
Concen: 54.405 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

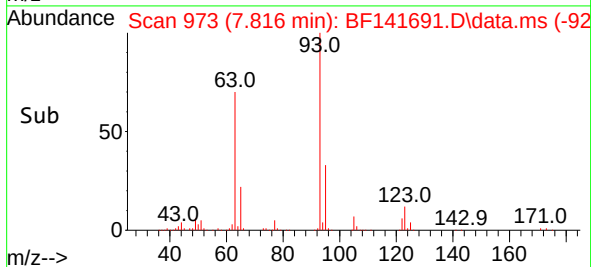
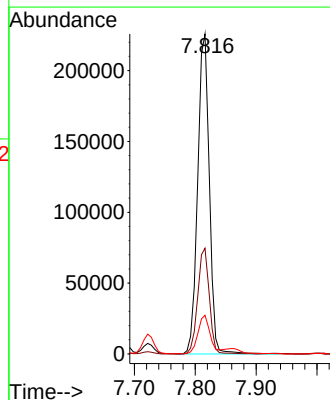
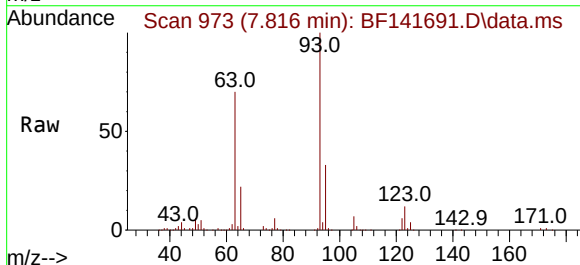
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

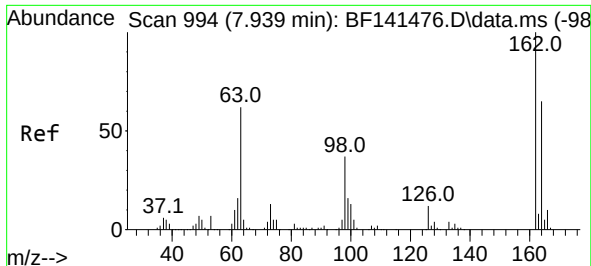
Tgt Ion:122 Resp: 210930
Ion Ratio Lower Upper
122 100
107 114.0 94.3 141.5
121 57.5 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.915 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion: 93 Resp: 299943
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.483 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141691.D

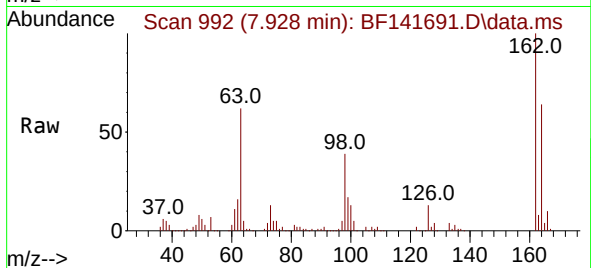
Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS



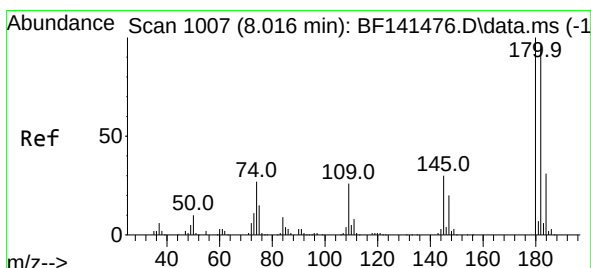
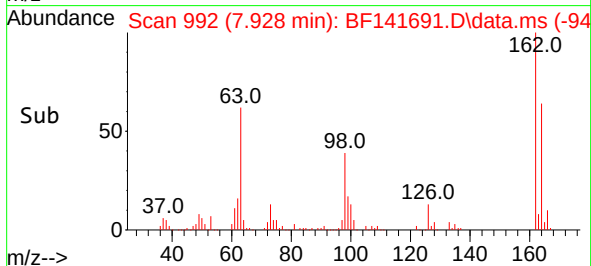
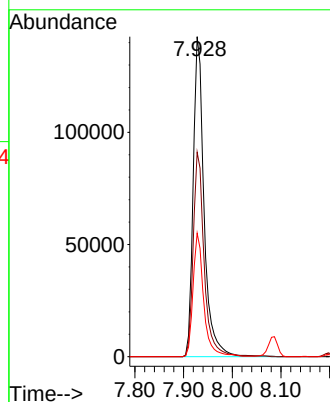
Tgt Ion:162 Resp: 222545

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

98 38.6 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 42.253 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

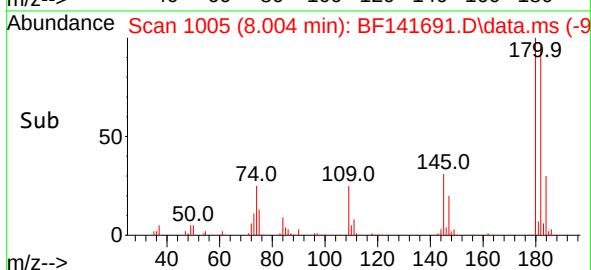
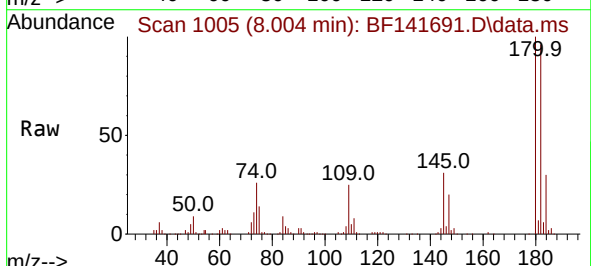
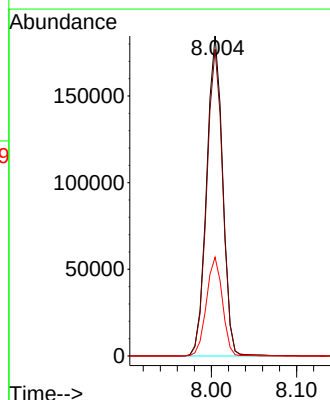
Tgt Ion:180 Resp: 241030

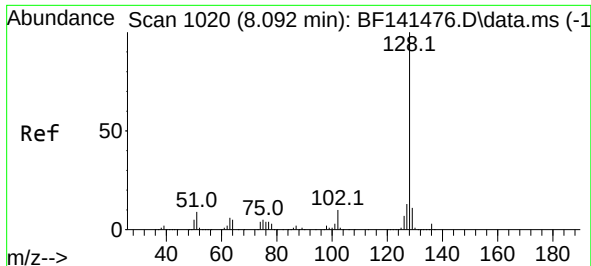
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 30.9 24.2 36.4

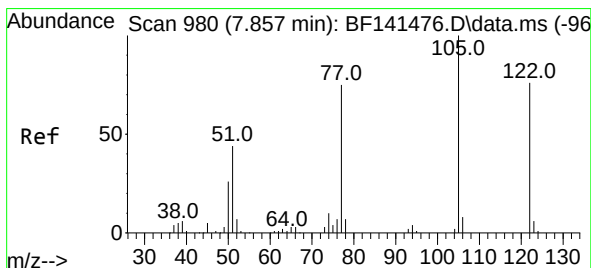
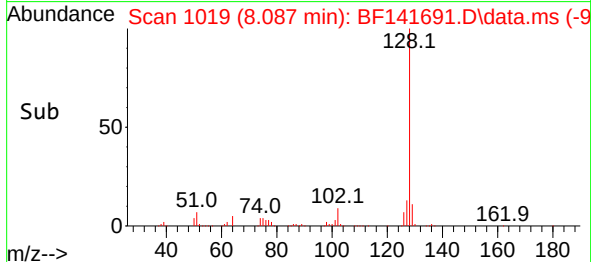
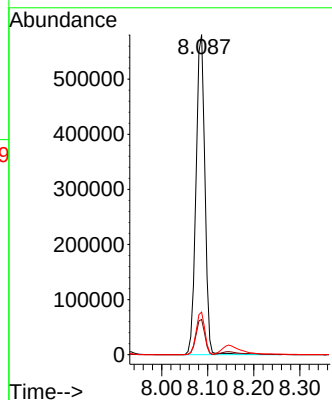
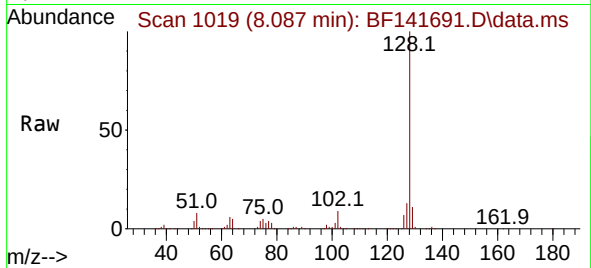




#31
Naphthalene
Concen: 41.766 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

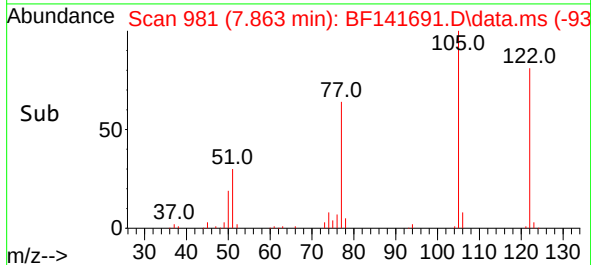
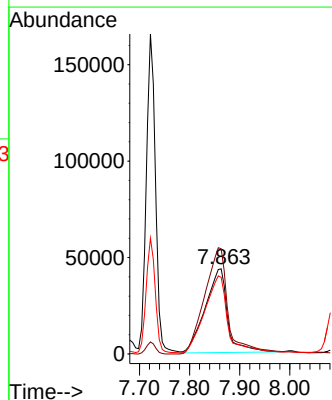
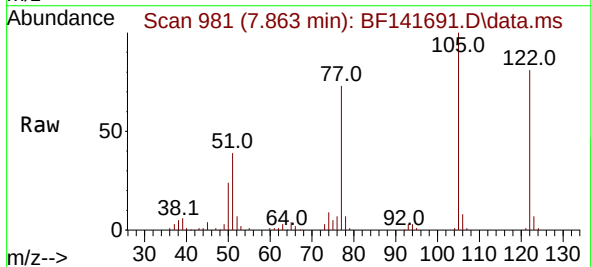
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

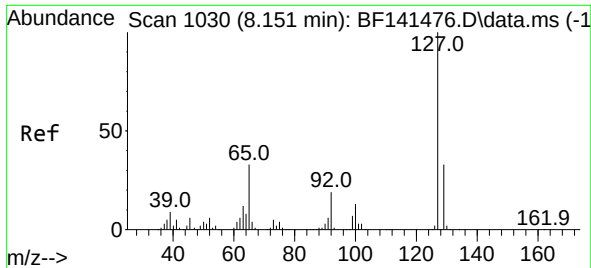
Tgt Ion:128 Resp: 775721
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 33.621 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:122 Resp: 135395
Ion Ratio Lower Upper
122 100
105 123.6 106.5 146.5
77 90.1 76.3 116.3

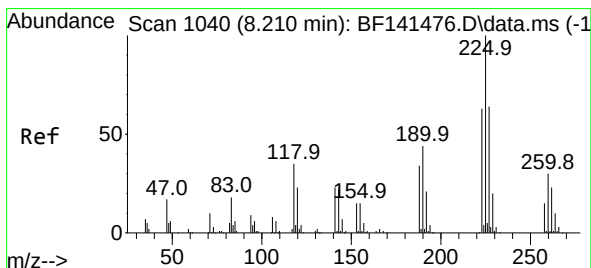
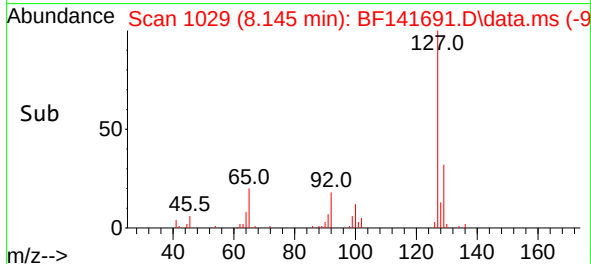
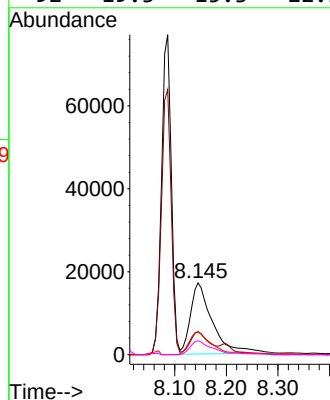
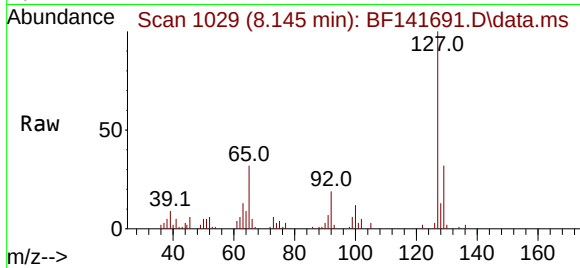




#33
4-Chloroaniline
Concen: 7.806 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

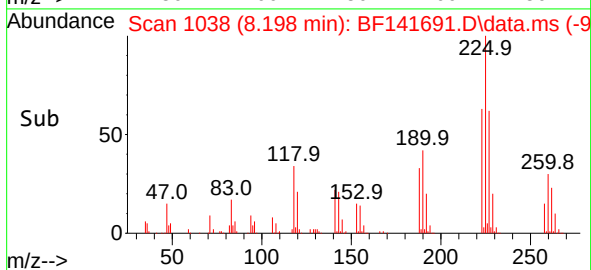
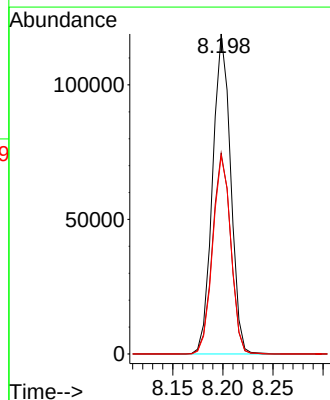
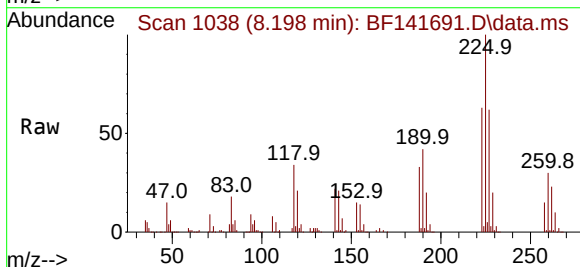
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

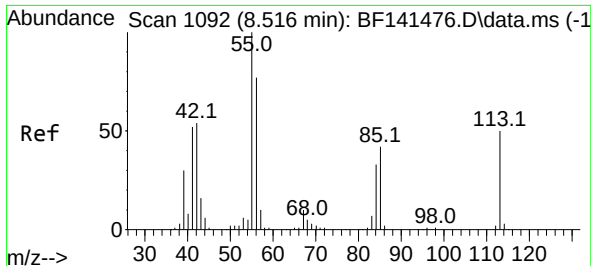
Tgt Ion:127	Resp:	50619
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.5 39.7
65	31.7	26.4 39.6
92	19.3	15.3 22.9



#34
Hexachlorobutadiene
Concen: 43.516 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:225	Resp:	149026
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.1 75.1
227	62.0	51.0 76.6

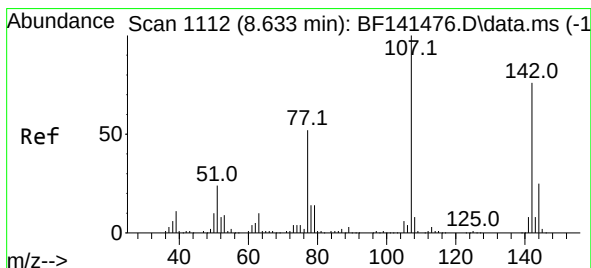
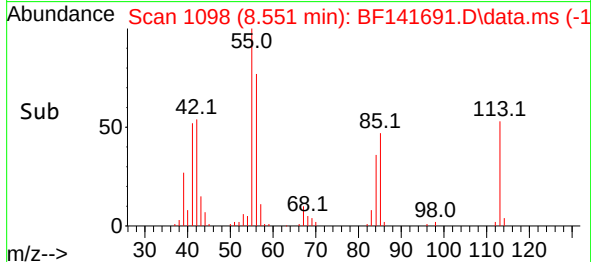
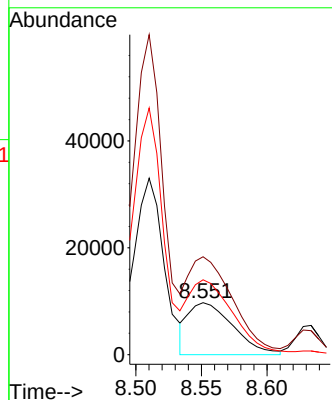
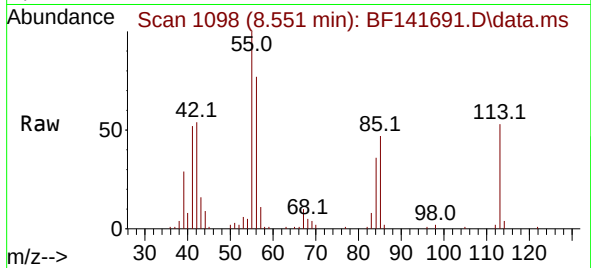




#35
 Caprolactam
 Concen: 14.532 ng
 RT: 8.551 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

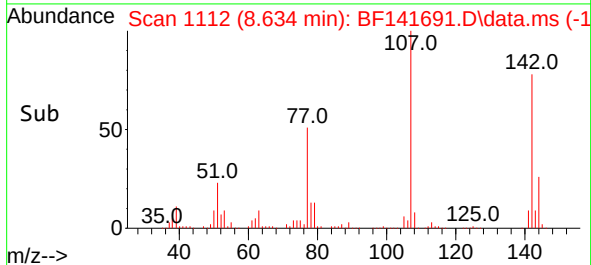
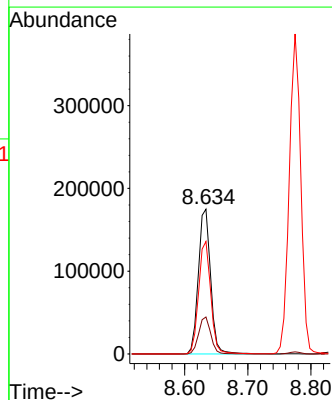
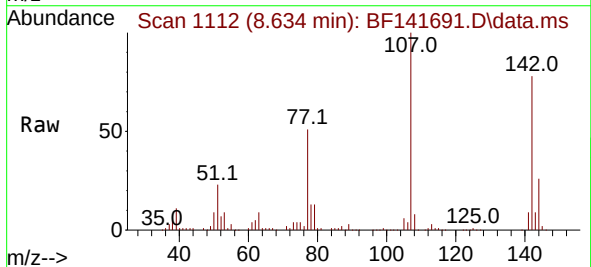
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-15-021725MS

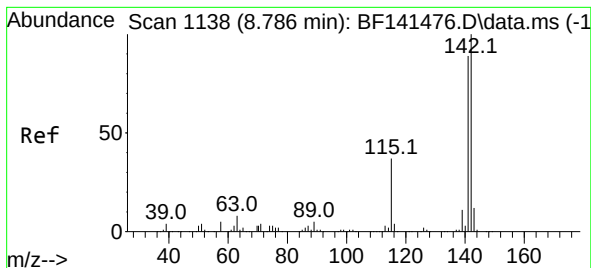
Tgt Ion:113 Resp: 23178
 Ion Ratio Lower Upper
 113 100
 55 188.2 180.8 220.8
 56 144.0 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.730 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

Tgt Ion:107 Resp: 236342
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.7 29.5
 142 77.7 60.8 91.2





#37

2-Methylnaphthalene

Concen: 40.410 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

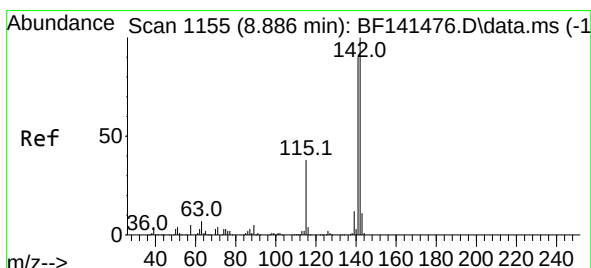
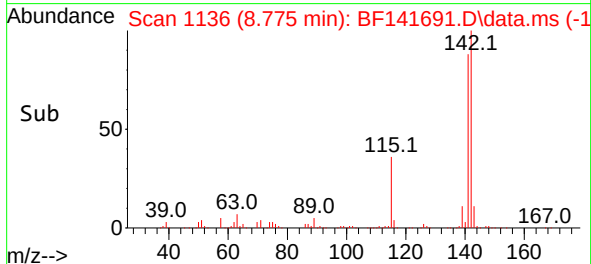
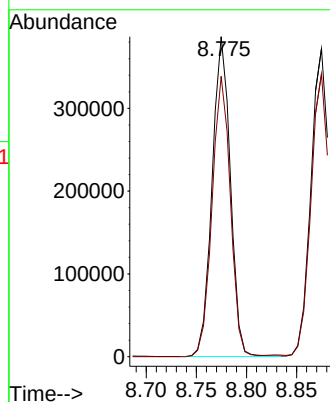
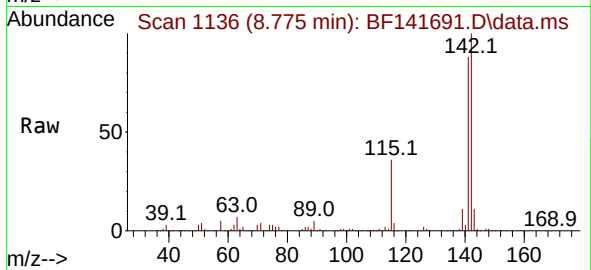
OU4-PCS-TC-15-021725MS

Tgt Ion:142 Resp: 488399

Ion Ratio Lower Upper

142 100

141 87.6 71.2 106.8



#38

1-Methylnaphthalene

Concen: 40.350 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141691.D

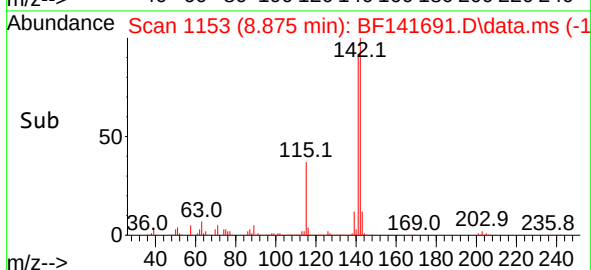
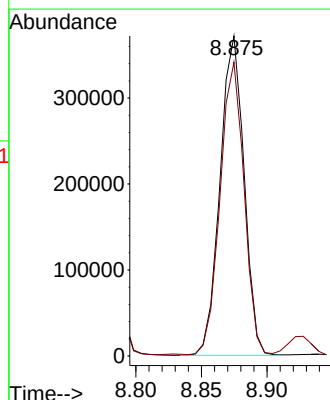
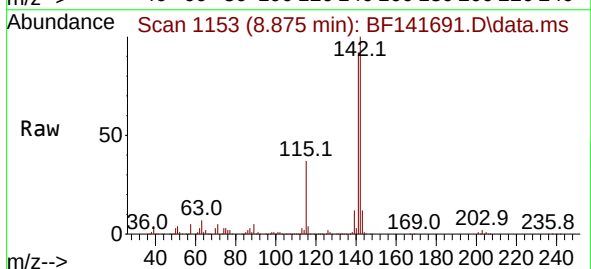
Acq: 19 Feb 2025 23:06

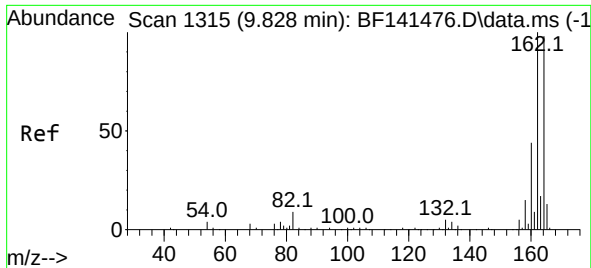
Tgt Ion:142 Resp: 472328

Ion Ratio Lower Upper

142 100

141 91.8 72.1 108.1

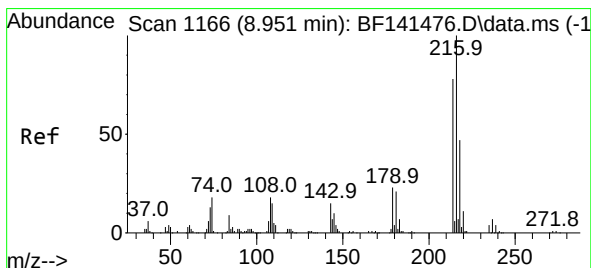
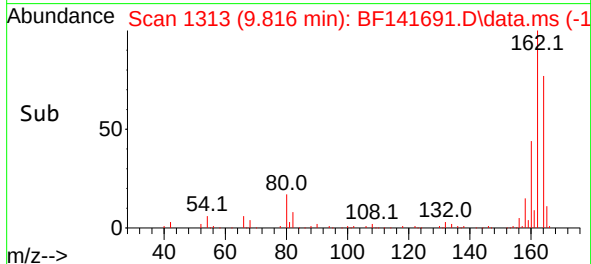
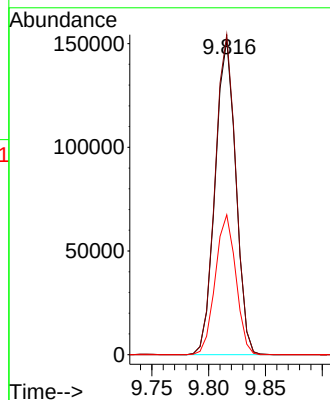
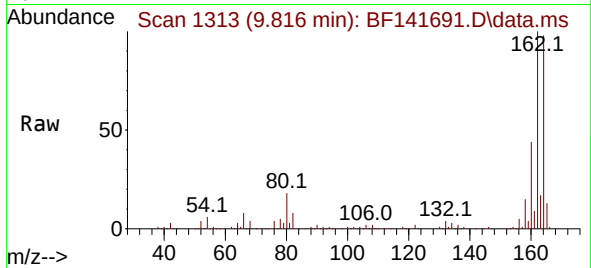




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

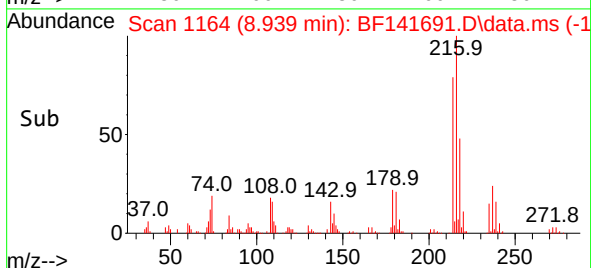
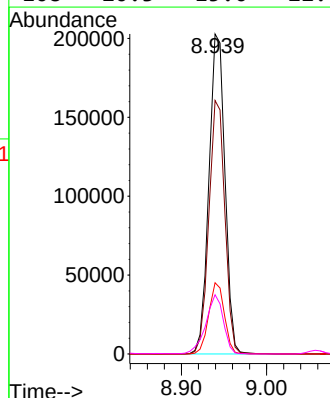
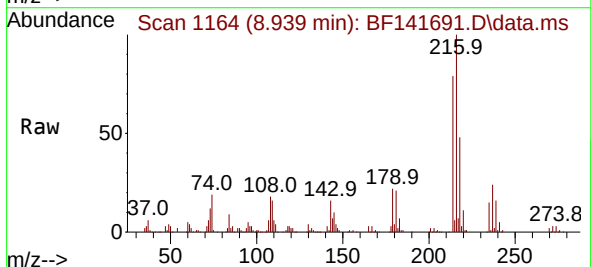
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

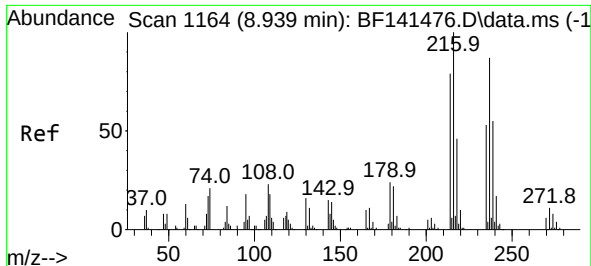
Tgt Ion:164 Resp: 191594
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 44.4 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.784 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

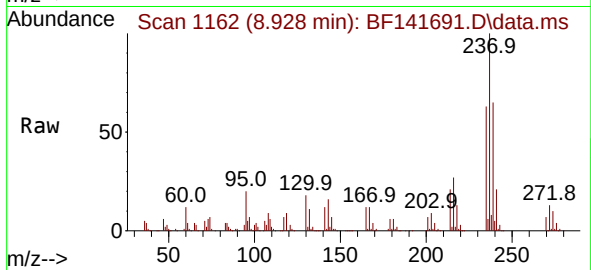
Tgt Ion:216 Resp: 264867
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 21.7 18.0 27.0
108 20.3 15.0 22.6



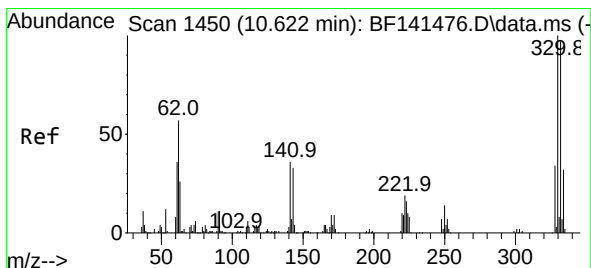
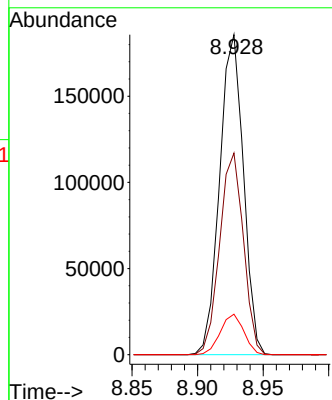
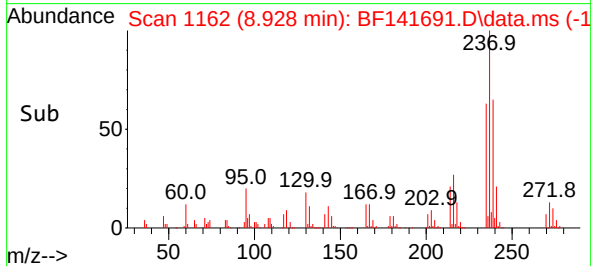


#41
Hexachlorocyclopentadiene
Concen: 126.824 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

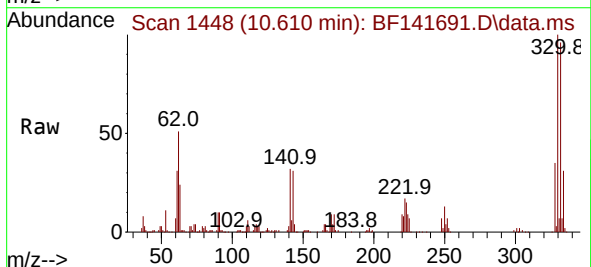
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



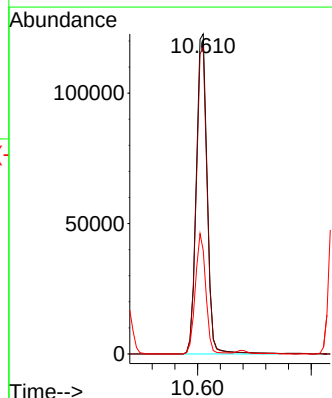
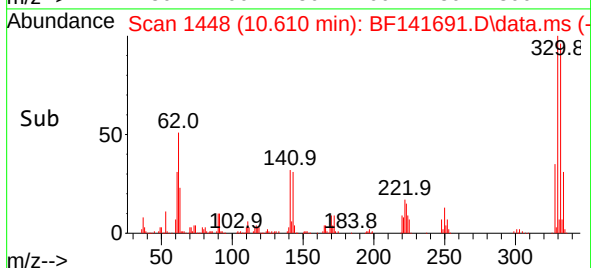
Tgt Ion:237 Resp: 233821
Ion Ratio Lower Upper
237 100
235 63.0 41.4 81.4
272 12.7 0.0 32.4

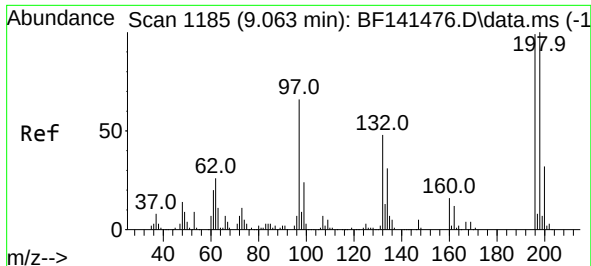


#42
2,4,6-Tribromophenol
Concen: 85.794 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



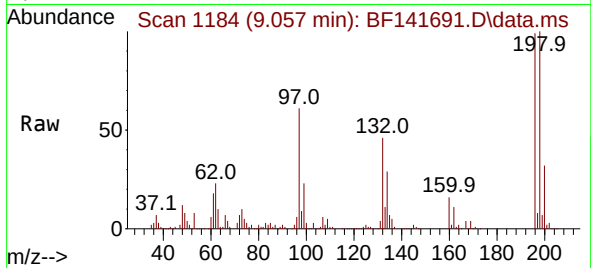
Tgt Ion:330 Resp: 165124
Ion Ratio Lower Upper
330 100
332 95.7 78.5 117.7
141 36.0 31.0 46.4



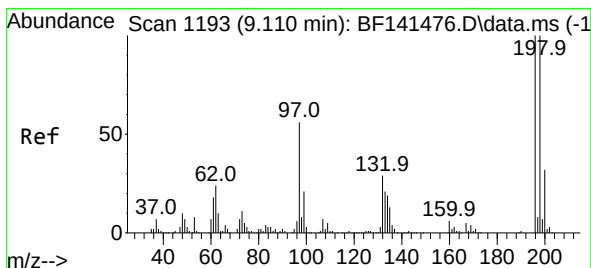
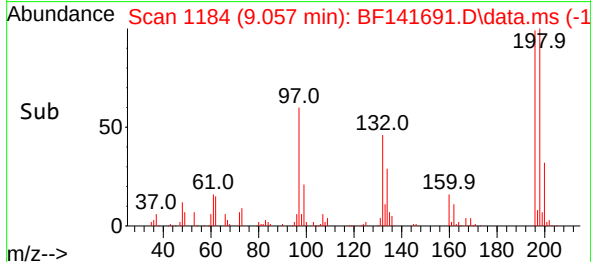
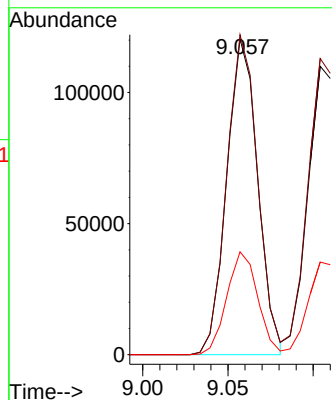


#43
2,4,6-Trichlorophenol
Concen: 42.485 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

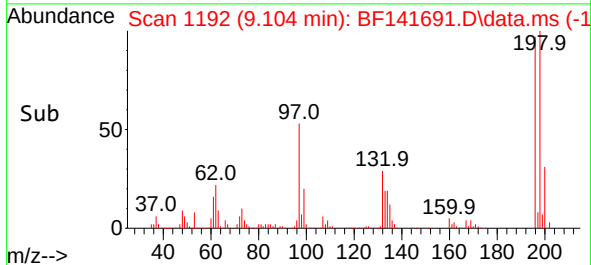
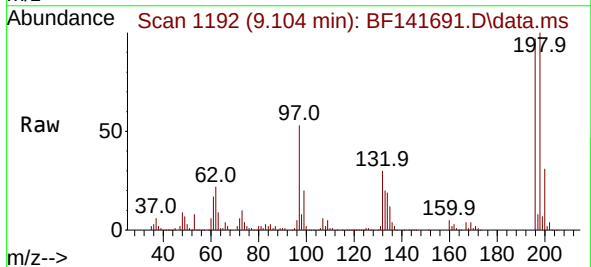
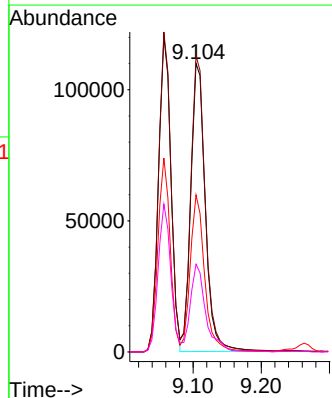


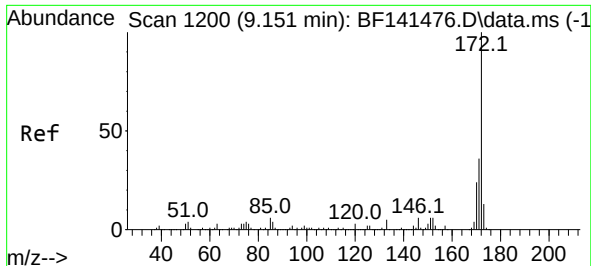
Tgt Ion:196 Resp: 152206
Ion Ratio Lower Upper
196 100
198 101.4 80.6 121.0
200 32.6 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 41.481 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:196 Resp: 161058
Ion Ratio Lower Upper
196 100
198 102.7 79.8 119.8
97 54.4 44.8 67.2
132 30.4 23.9 35.9

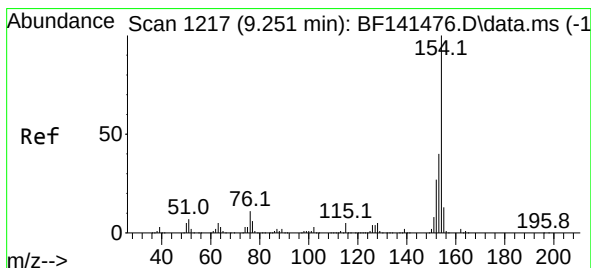
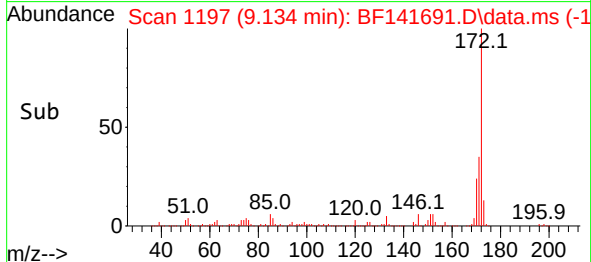
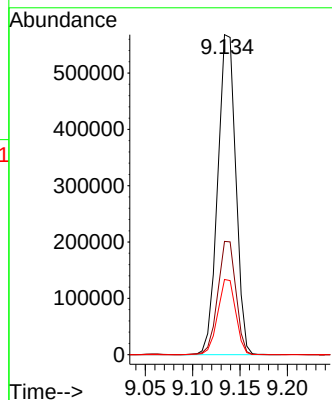
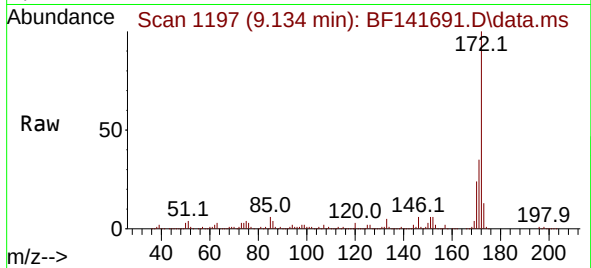




#45
2-Fluorobiphenyl
Concen: 60.625 ng
RT: 9.134 min Scan# 1117
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

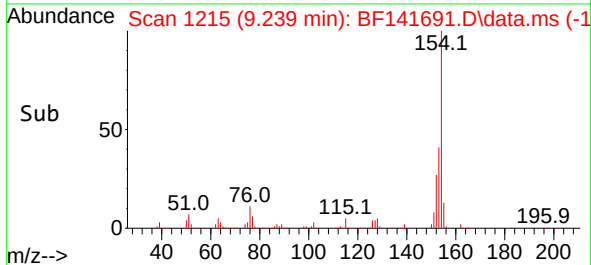
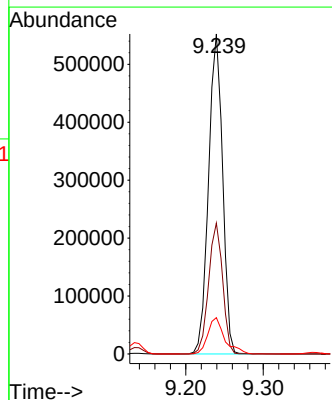
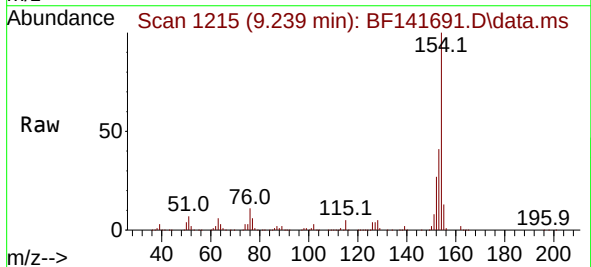
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

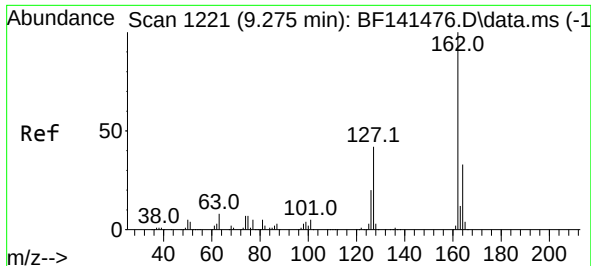
Tgt Ion:172 Resp: 753926
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.810 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:154 Resp: 695306
Ion Ratio Lower Upper
154 100
153 40.9 20.4 60.4
76 11.4 0.0 30.8

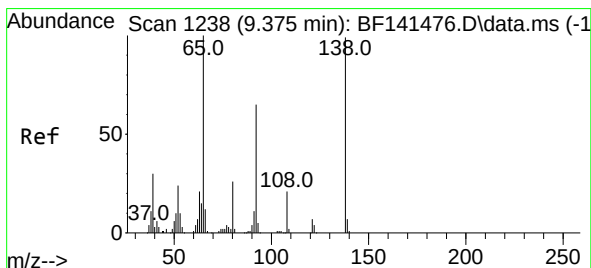
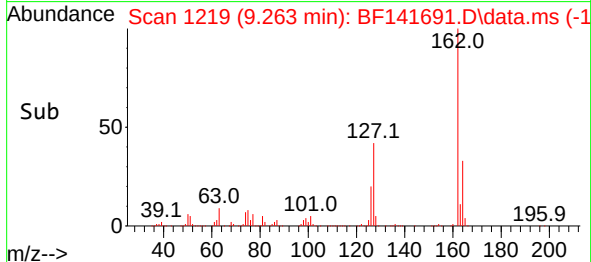
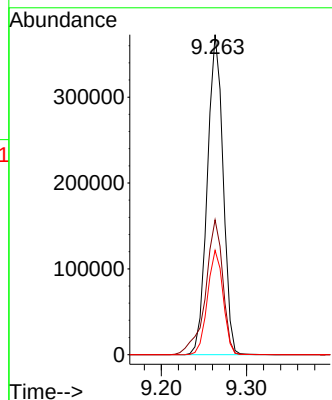
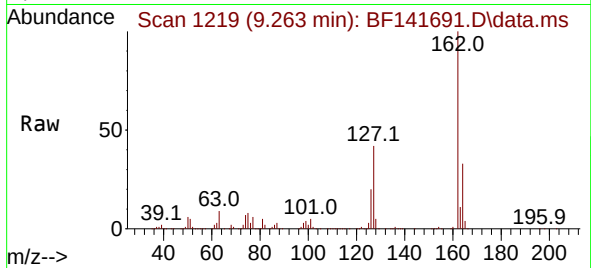




#47
2-Chloronaphthalene
Concen: 43.511 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

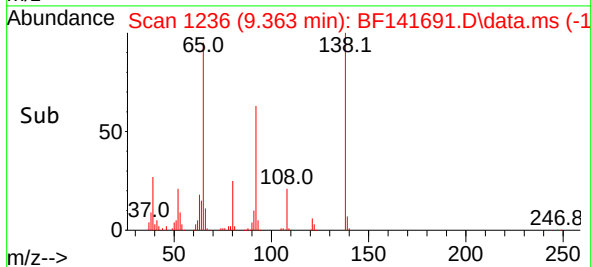
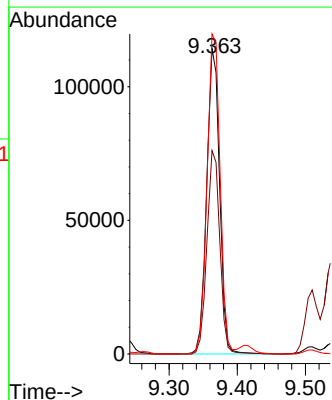
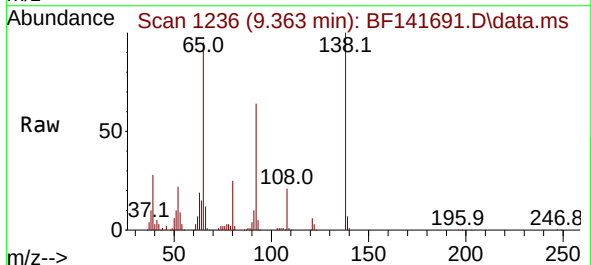
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

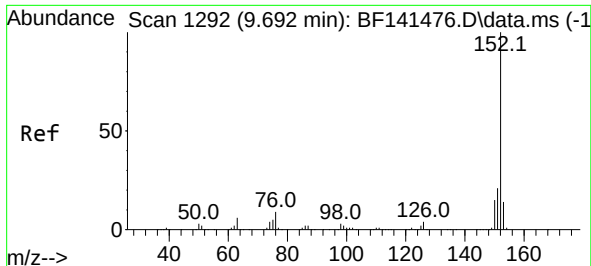
Tgt Ion:162 Resp: 477930
Ion Ratio Lower Upper
162 100
127 42.1 34.1 51.1
164 32.6 26.3 39.5



#48
2-Nitroaniline
Concen: 40.886 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion: 65 Resp: 150715
Ion Ratio Lower Upper
65 100
92 66.6 52.2 78.2
138 104.8 79.5 119.3

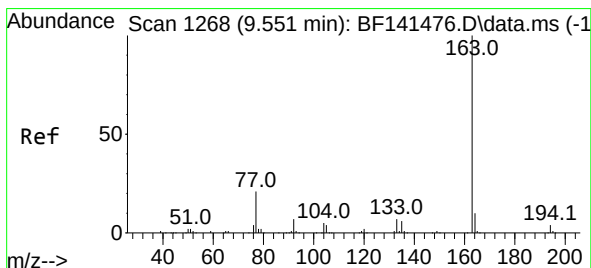
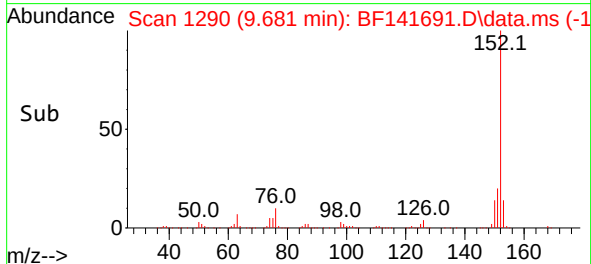
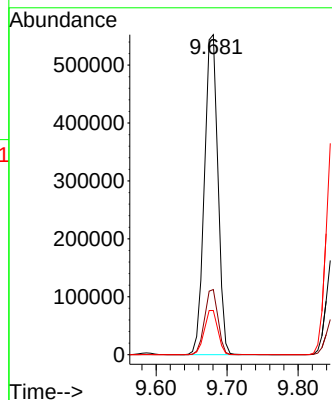
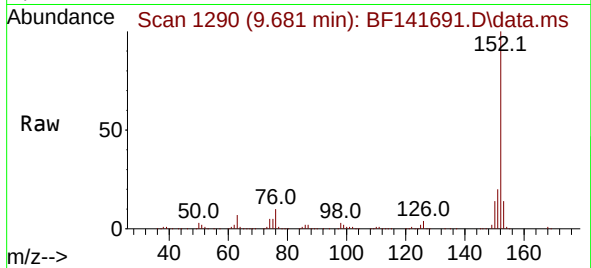




#49
Acenaphthylene
Concen: 44.887 ng
RT: 9.681 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

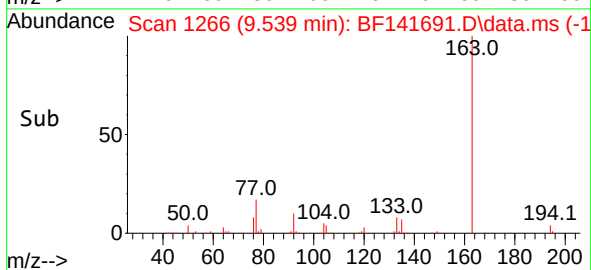
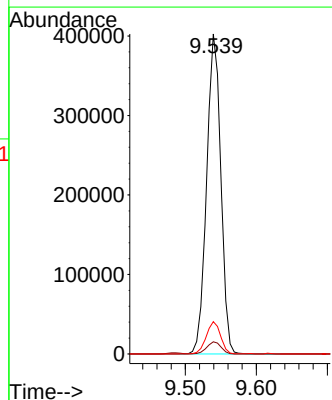
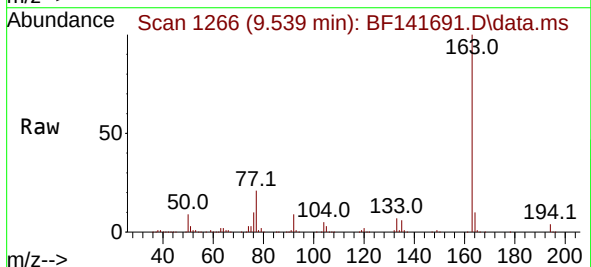
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

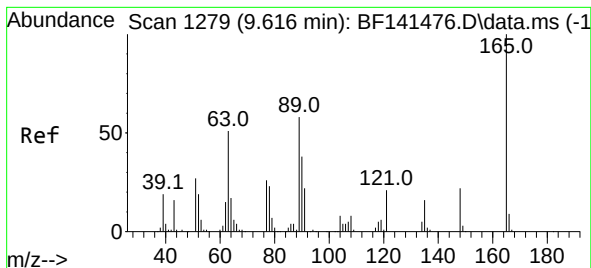
Tgt Ion:152 Resp: 733342
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.8 10.9 16.3



#50
Dimethylphthalate
Concen: 43.075 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:163 Resp: 560273
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 7.9 11.9

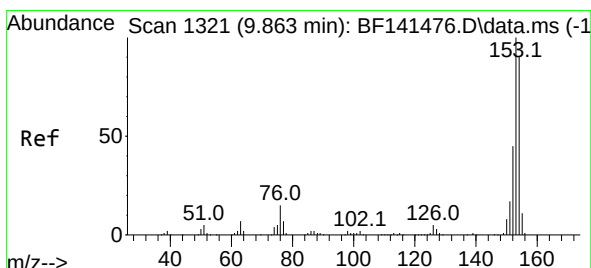
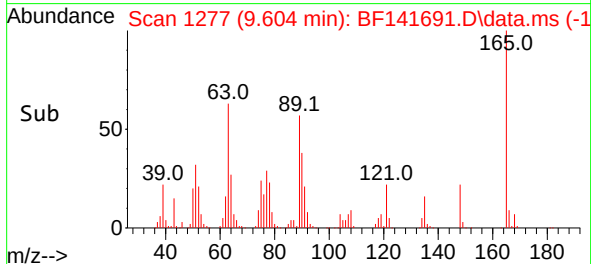
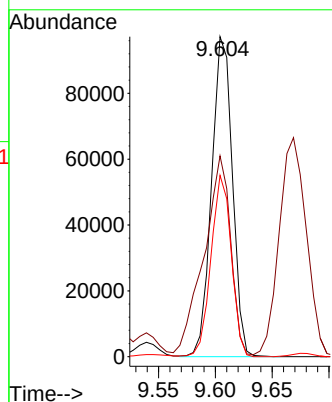
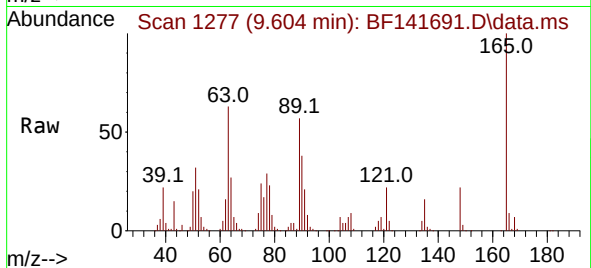




#51
2,6-Dinitrotoluene
Concen: 43.494 ng
RT: 9.604 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

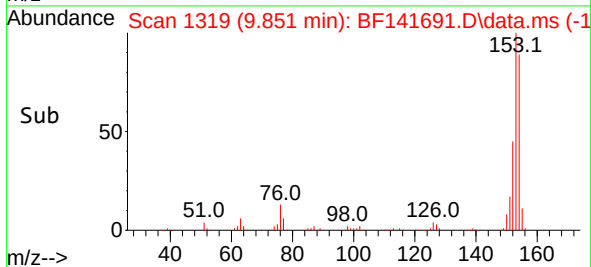
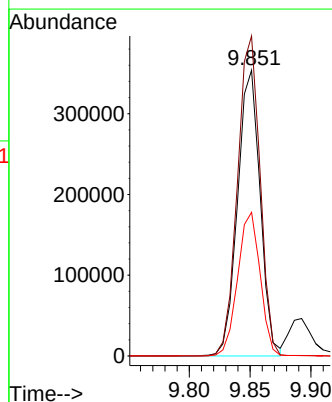
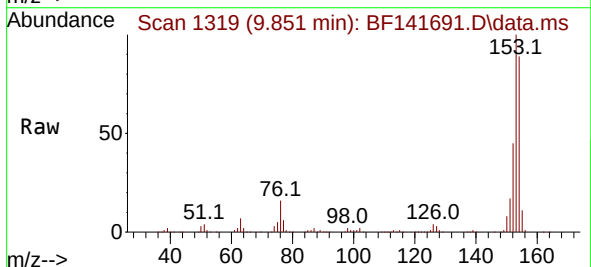
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

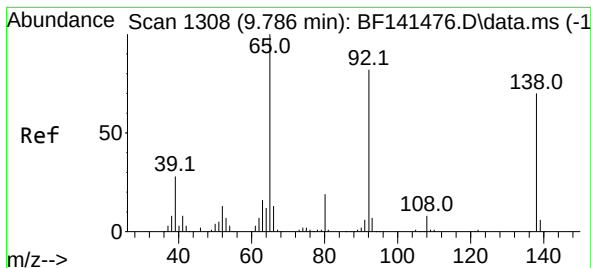
Tgt Ion:165 Resp: 123670
Ion Ratio Lower Upper
165 100
63 62.7 49.4 74.0
89 56.6 46.5 69.7



#52
Acenaphthene
Concen: 41.567 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:154 Resp: 456548
Ion Ratio Lower Upper
154 100
153 112.0 89.2 133.8
152 50.3 39.8 59.8





#53

3-Nitroaniline

Concen: 21.517 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

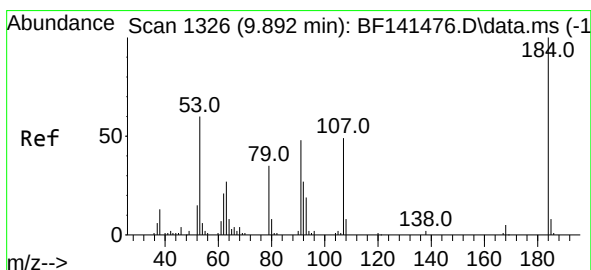
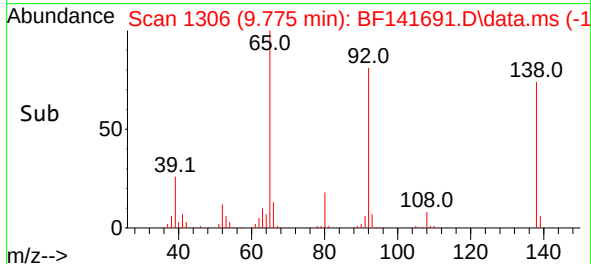
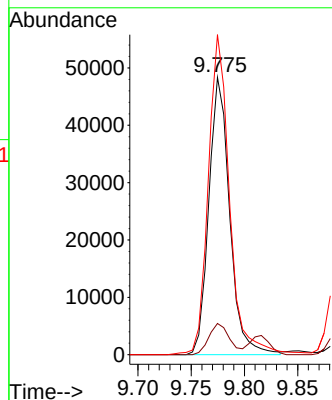
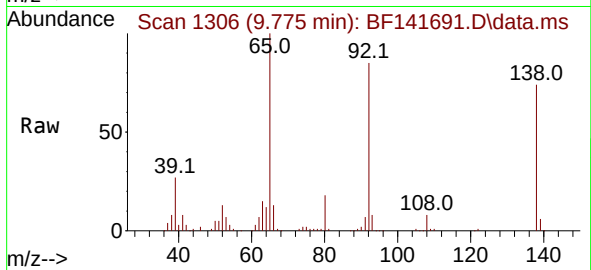
Tgt Ion:138 Resp: 65848

Ion Ratio Lower Upper

138 100

108 11.3 9.0 13.4

92 115.4 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 66.168 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

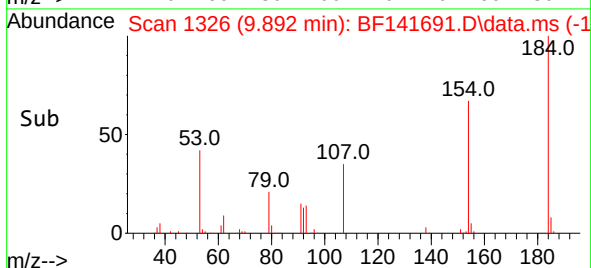
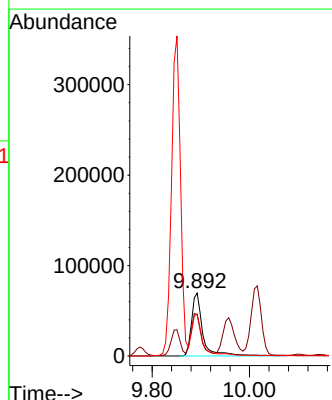
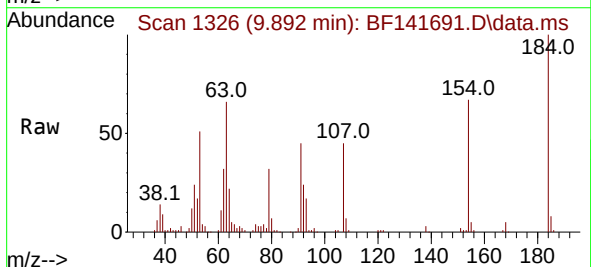
Tgt Ion:184 Resp: 111818

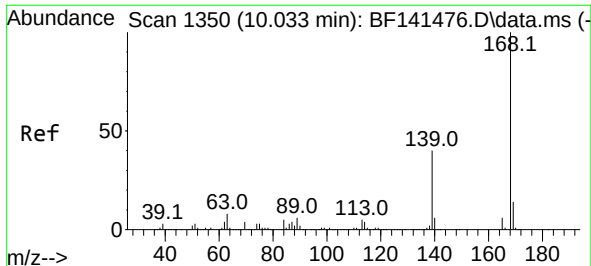
Ion Ratio Lower Upper

184 100

63 65.8 61.0 91.6

154 66.6 59.9 89.9

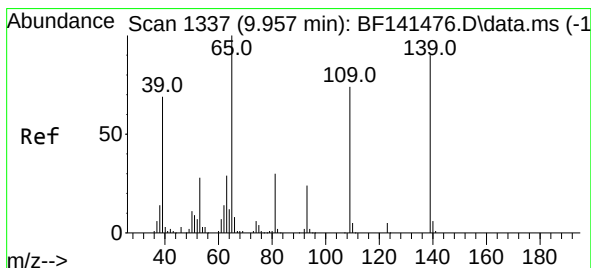
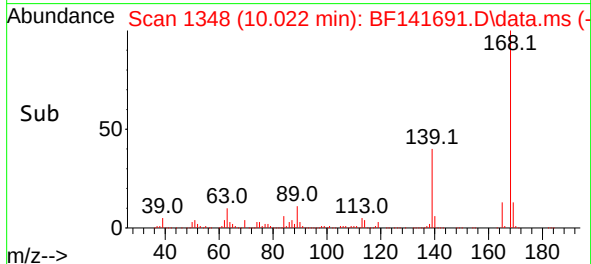
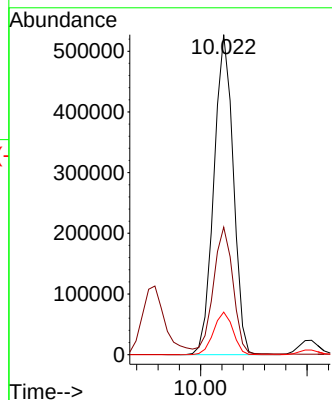
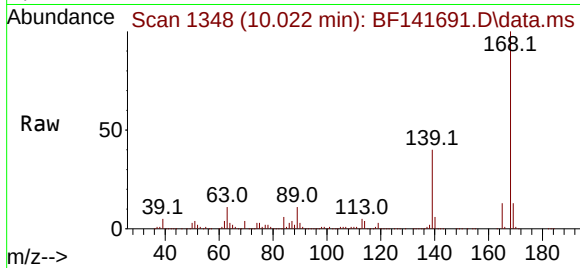




#55
Dibenzenofuran
Concen: 41.259 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

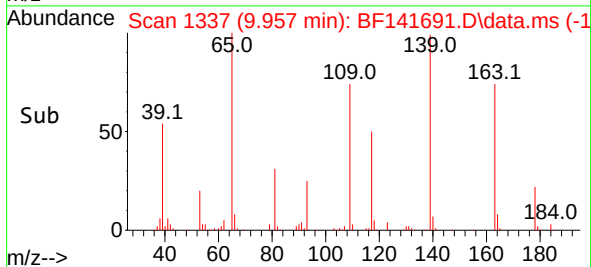
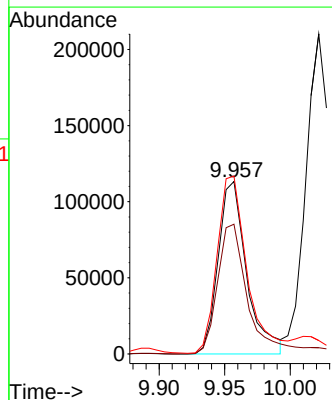
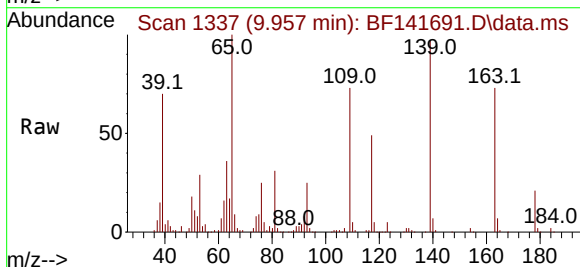
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

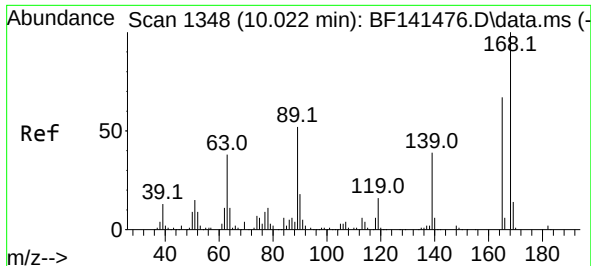
Tgt Ion:168 Resp: 665170
Ion Ratio Lower Upper
168 100
139 39.9 32.7 49.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 75.307 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:139 Resp: 171082
Ion Ratio Lower Upper
139 100
109 75.2 62.0 102.0
65 103.2 91.2 131.2

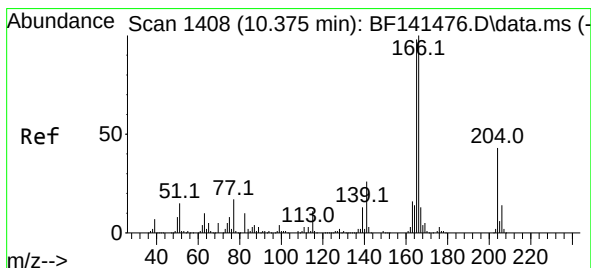
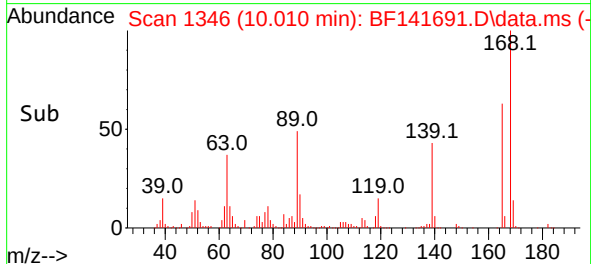
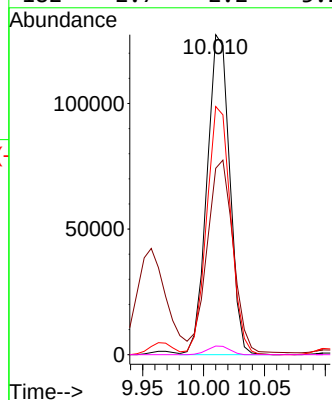
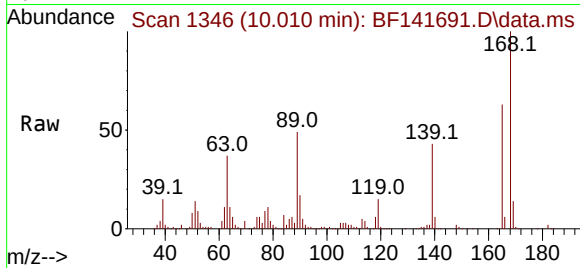




#57
2,4-Dinitrotoluene
Concen: 43.593 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

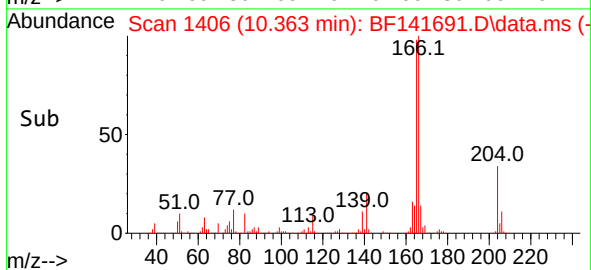
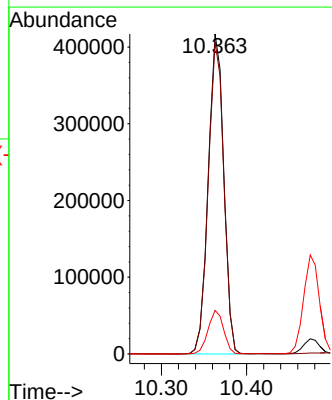
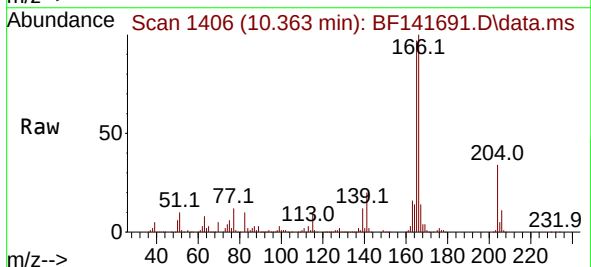
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

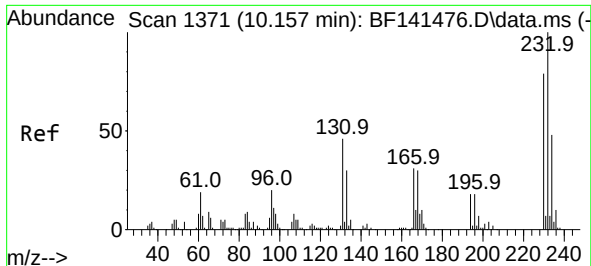
Tgt Ion:165 Resp: 165008
Ion Ratio Lower Upper
165 100
63 58.3 46.4 69.6
89 77.5 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.384 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:166 Resp: 528335
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.6 10.7 16.1

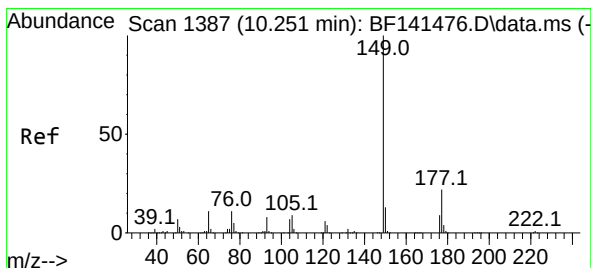
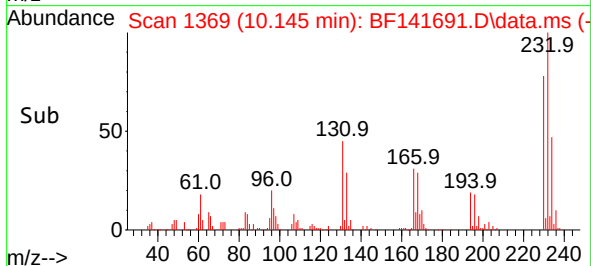
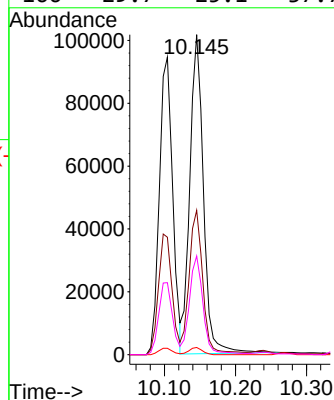
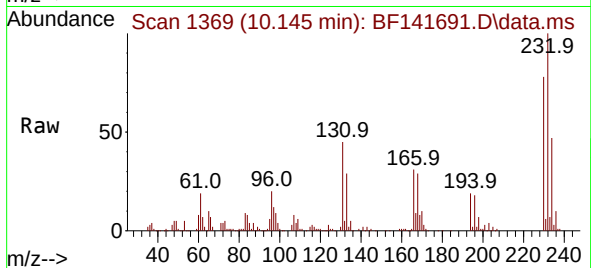




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.597 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

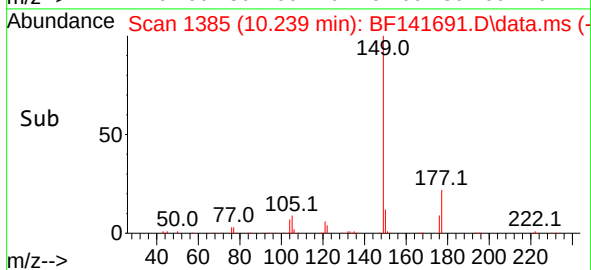
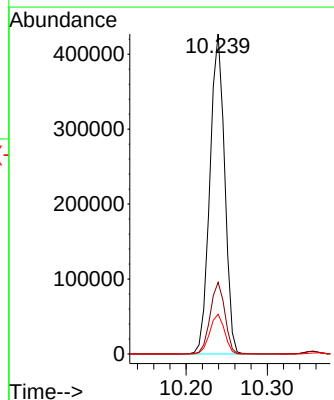
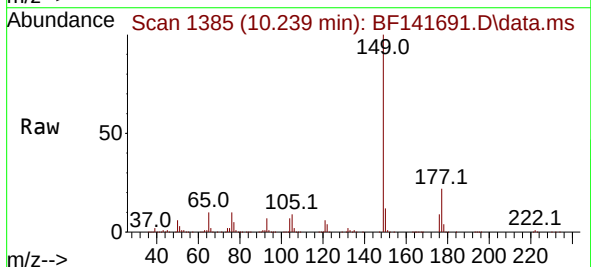
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

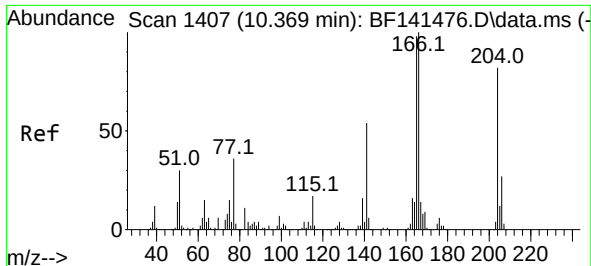
Tgt Ion:232 Resp: 135703
Ion Ratio Lower Upper
232 100
131 43.8 39.2 58.8
130 2.2 2.1 3.1
166 29.7 25.1 37.7



#60
Diethylphthalate
Concen: 41.988 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:149 Resp: 537334
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.4 10.1 15.1

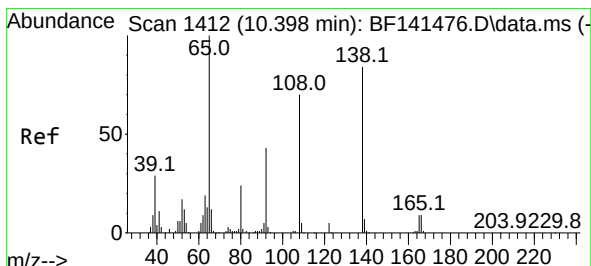
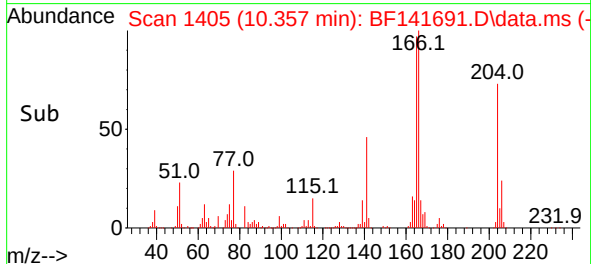
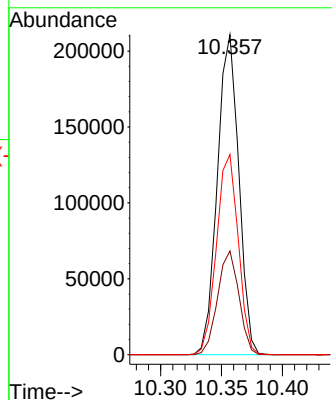
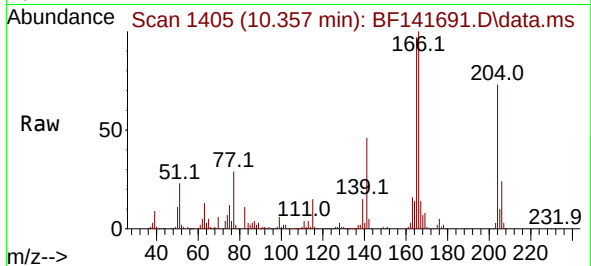




#61
4-Chlorophenyl-phenylether
Concen: 43.147 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

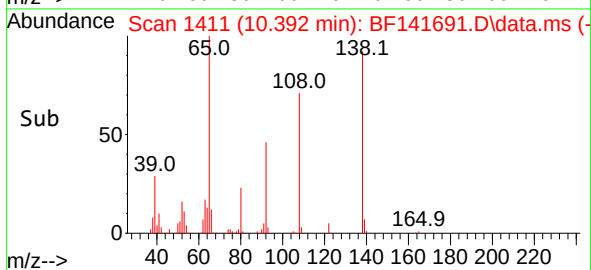
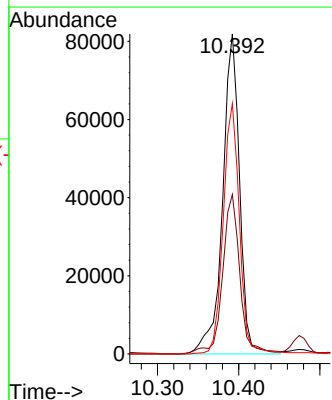
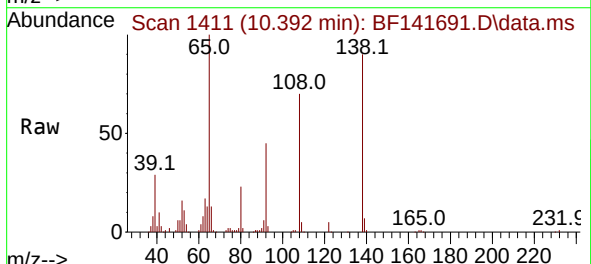
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

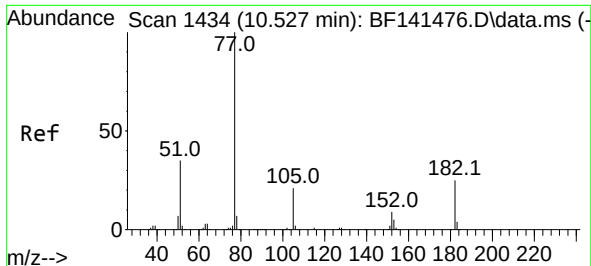
Tgt Ion:204 Resp: 258751
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.6 51.9 77.9



#62
4-Nitroaniline
Concen: 38.467 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:138 Resp: 119535
Ion Ratio Lower Upper
138 100
92 49.8 31.3 71.3
108 78.3 63.7 103.7

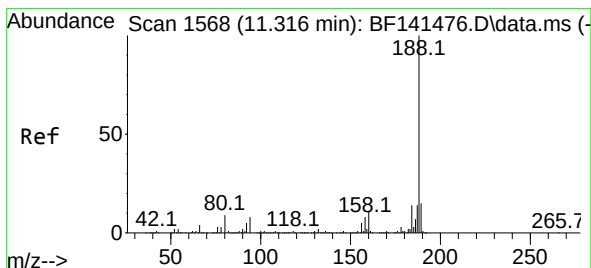
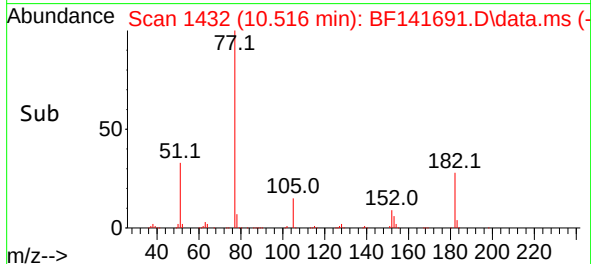
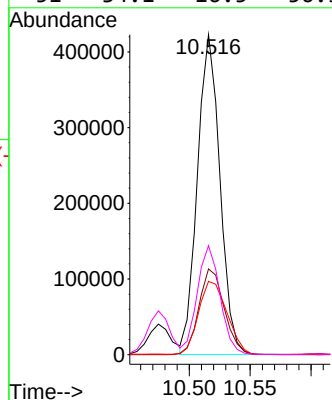
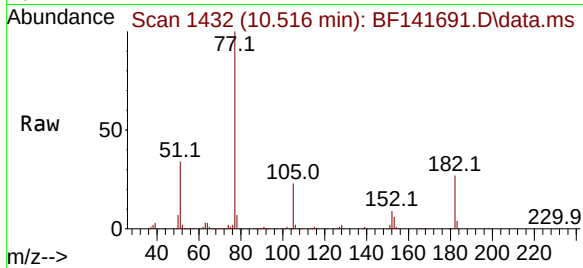




#63
Azobenzene
Concen: 42.642 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

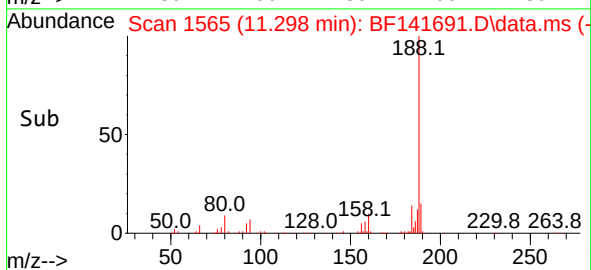
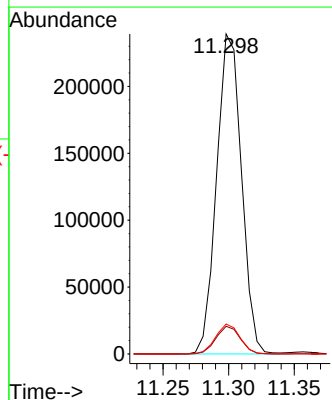
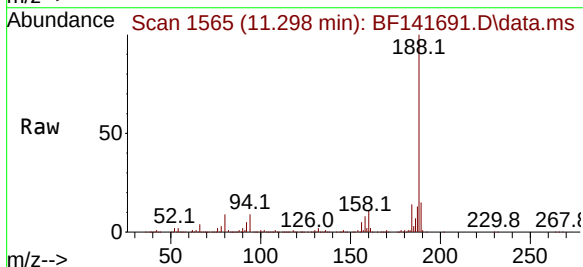
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

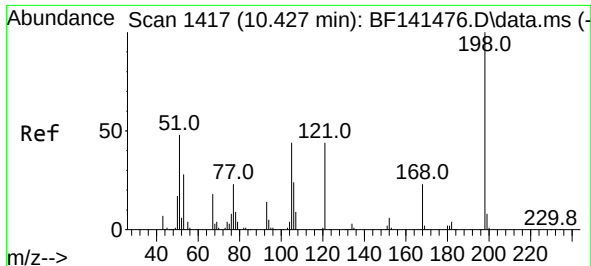
Tgt Ion:	77	Resp:	542497
Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.7	44.7
105	22.9	0.4	40.4
51	34.1	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:	188	Resp:	315237
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.4	7.3	10.9





#65

4,6-Dinitro-2-methylphenol

Concen: 36.068 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

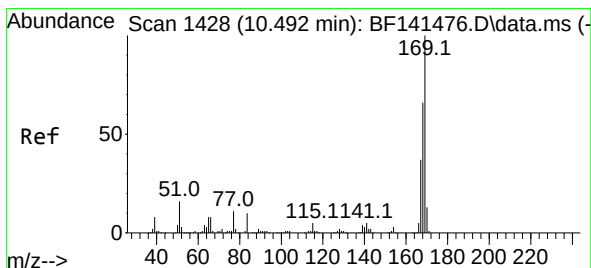
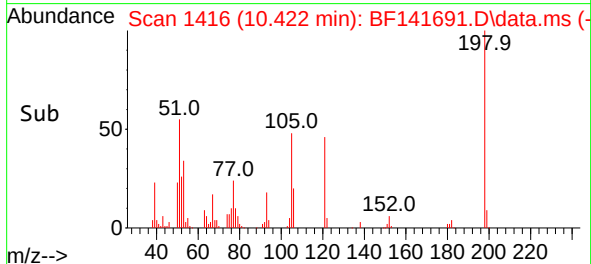
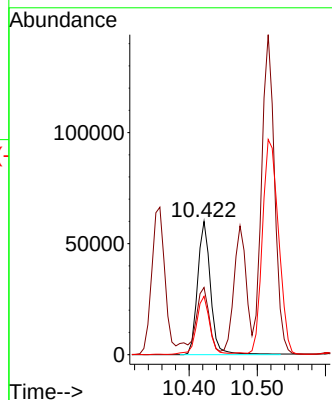
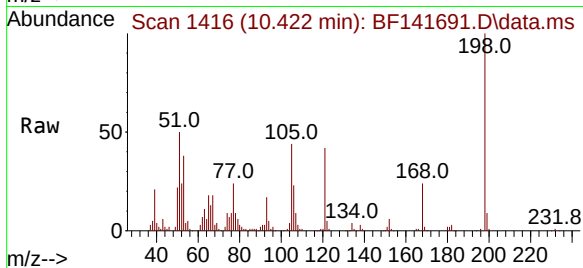
Tgt Ion:198 Resp: 78982

Ion Ratio Lower Upper

198 100

51 50.5 37.4 77.4

105 43.8 25.2 65.2



#66

n-Nitrosodiphenylamine

Concen: 45.272 ng

RT: 10.475 min Scan# 1425

Delta R.T. -0.023 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

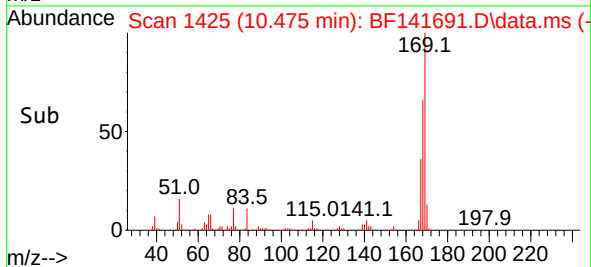
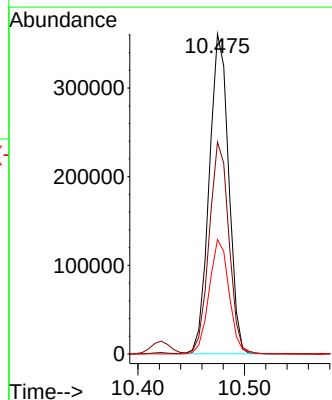
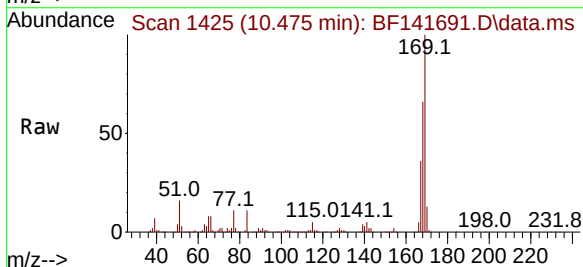
Tgt Ion:169 Resp: 456846

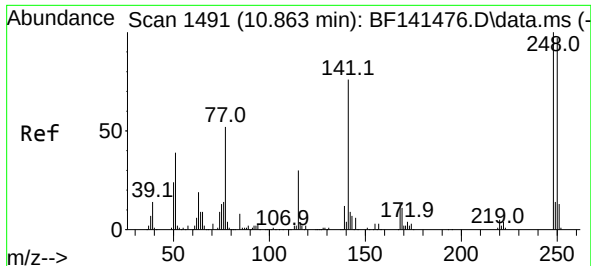
Ion Ratio Lower Upper

169 100

168 66.2 53.3 79.9

167 35.8 29.4 44.2

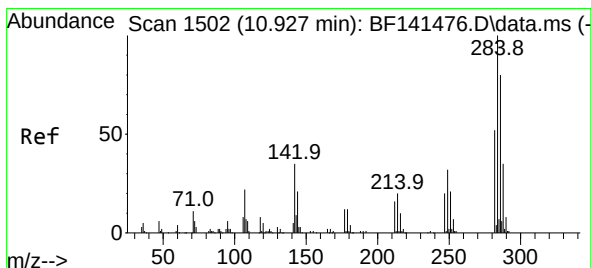
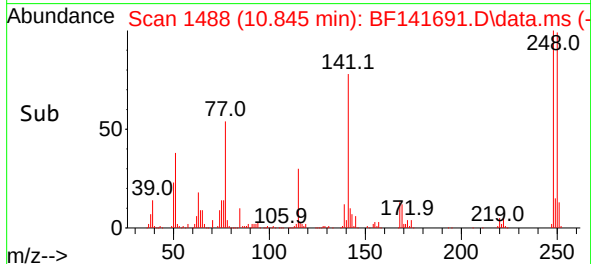
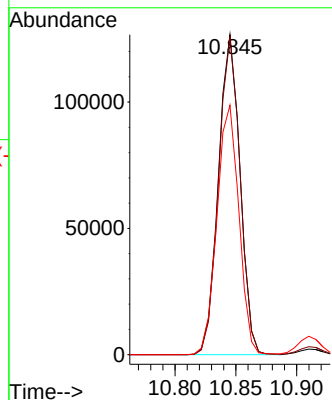
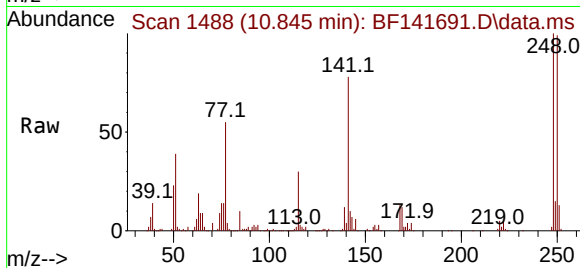




#67
4-Bromophenyl-phenylether
Concen: 44.442 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

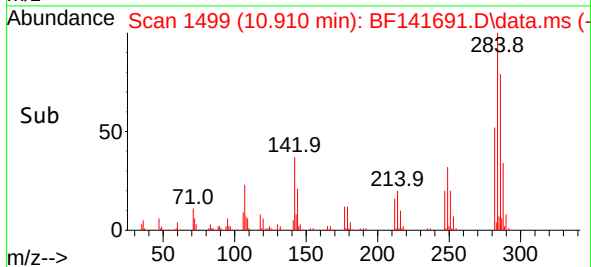
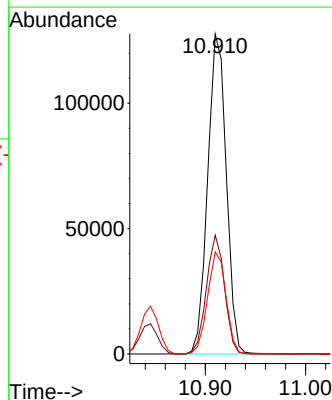
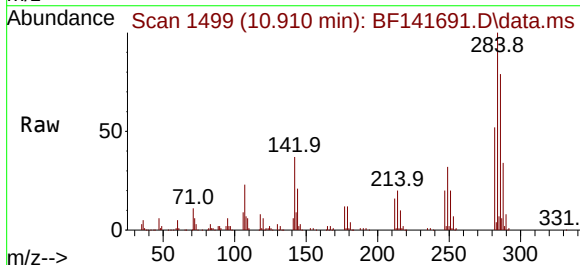
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

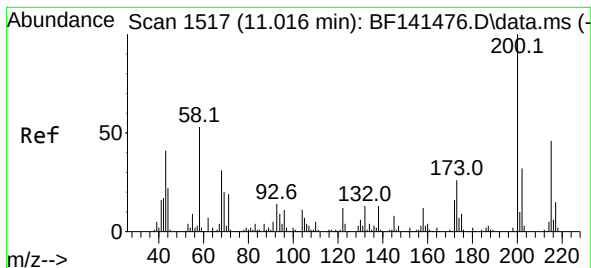
Tgt Ion:248 Resp: 156576
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 78.0 60.6 90.8



#68
Hexachlorobenzene
Concen: 45.439 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:284 Resp: 164848
Ion Ratio Lower Upper
284 100
142 37.1 28.0 42.0
249 31.9 25.8 38.8





#69

Atrazine

Concen: 55.831 ng

RT: 11.004 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

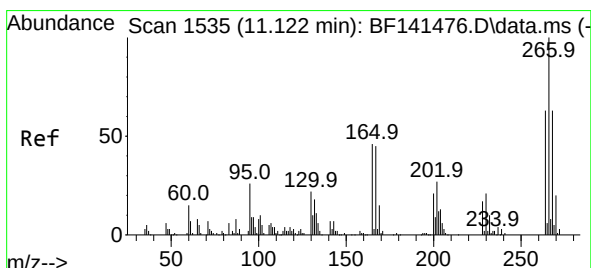
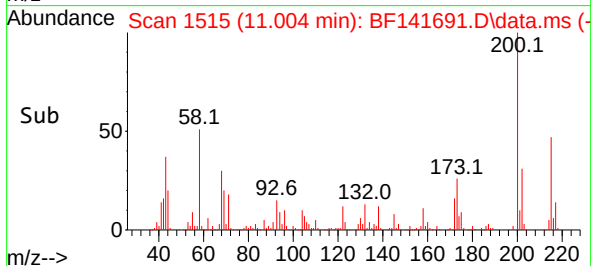
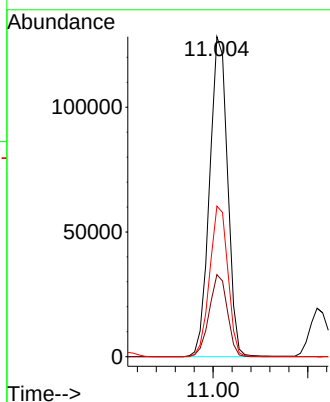
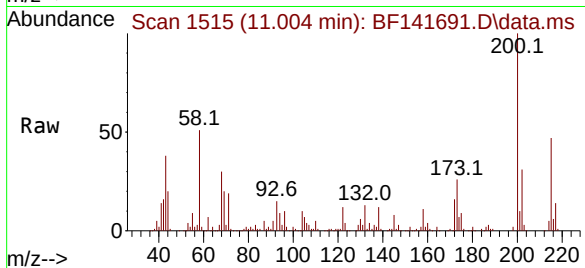
Tgt Ion:200 Resp: 169018

Ion Ratio Lower Upper

200 100

173 25.6 5.9 45.9

215 47.1 25.9 65.9



#70

Pentachlorophenol

Concen: 65.764 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

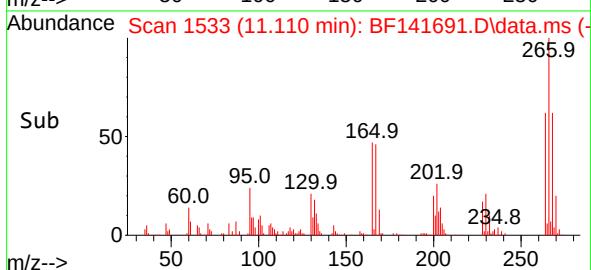
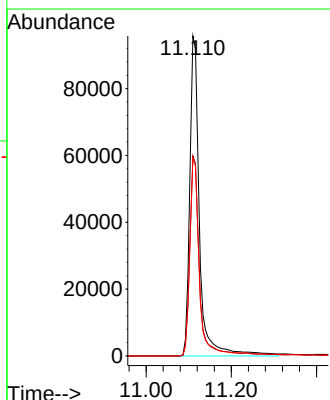
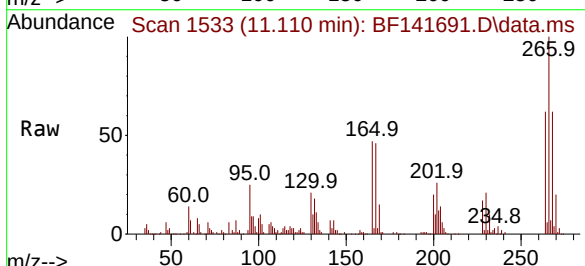
Tgt Ion:266 Resp: 152558

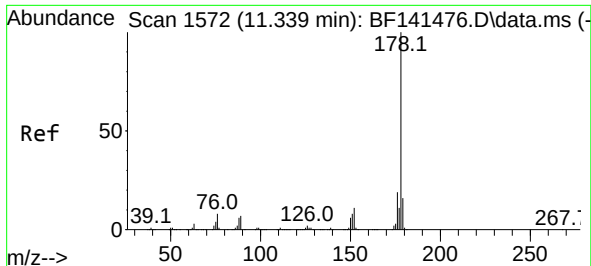
Ion Ratio Lower Upper

266 100

268 62.5 50.1 75.1

264 62.0 50.1 75.1

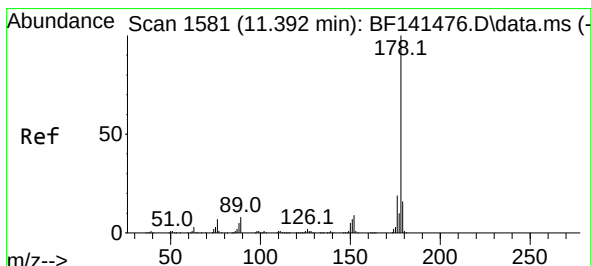
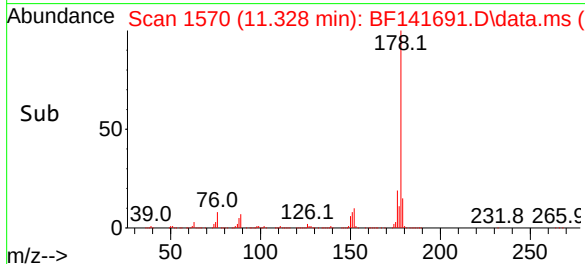
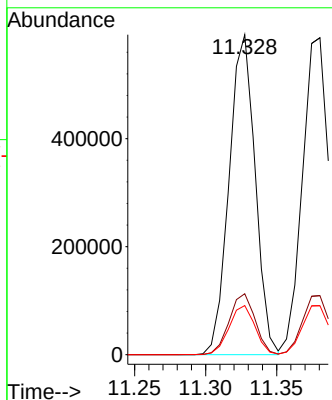
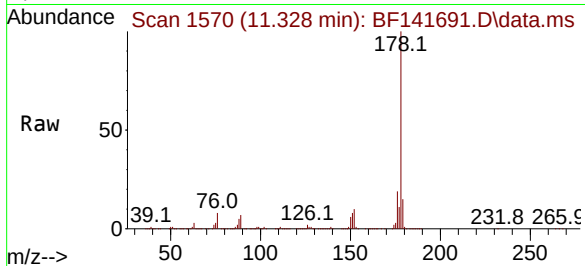




#71
Phenanthrene
Concen: 43.692 ng
RT: 11.328 min Scan# 1572
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

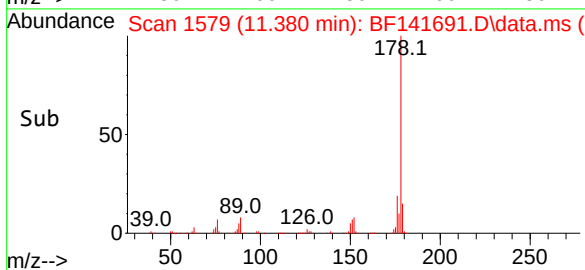
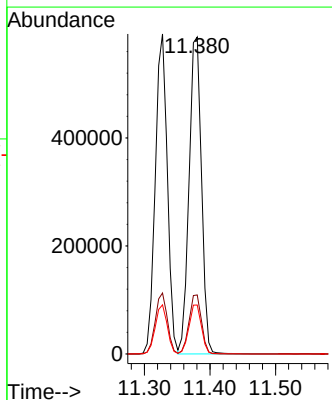
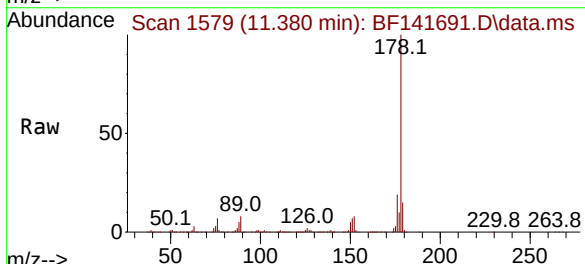
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

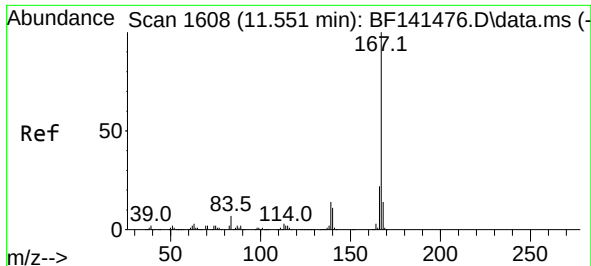
Tgt Ion:178 Resp: 758154
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 44.212 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:178 Resp: 771214
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.5 12.4 18.6

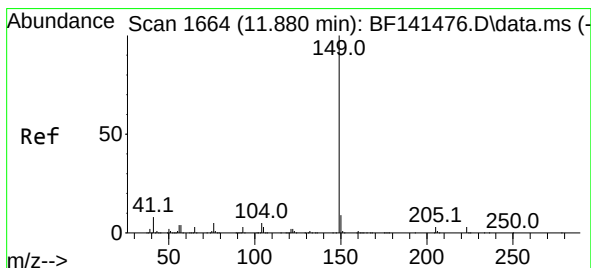
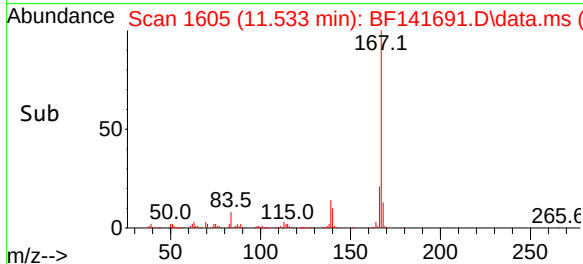
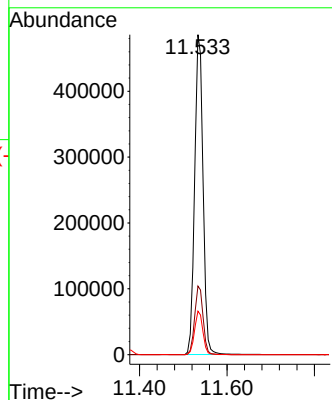
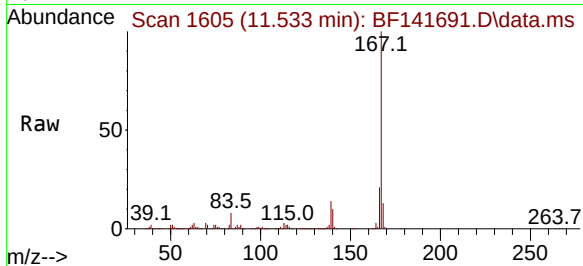




#73
Carbazole
Concen: 41.289 ng
RT: 11.533 min Scan# 1605
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

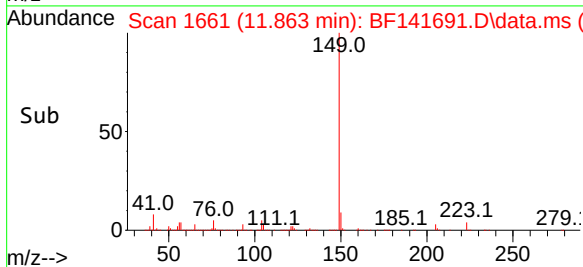
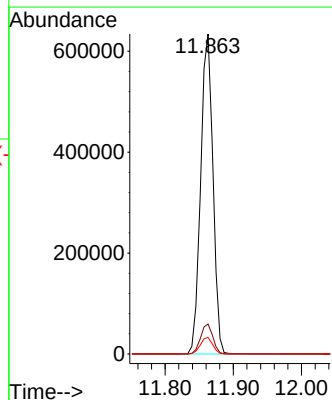
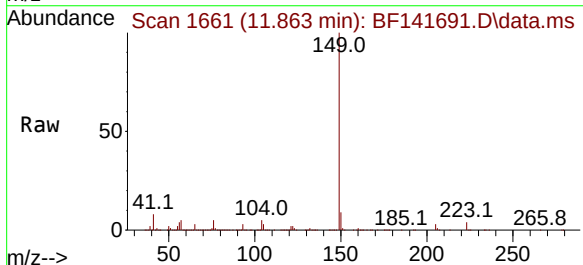
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

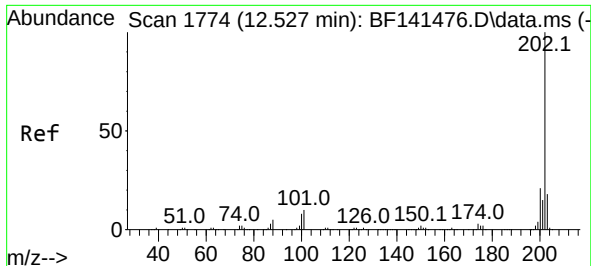
Tgt Ion:167 Resp: 648043
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.2
139 13.6 10.9 16.3



#74
Di-n-butylphthalate
Concen: 43.736 ng
RT: 11.863 min Scan# 1661
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:149 Resp: 792615
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.2 4.2 6.2

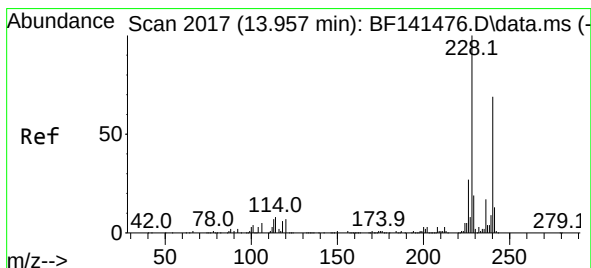
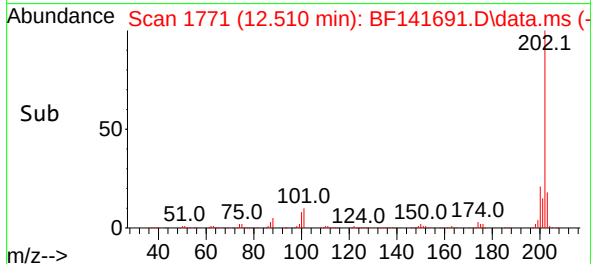
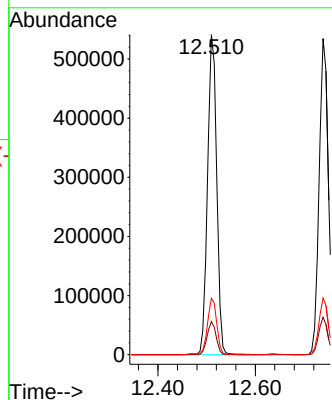
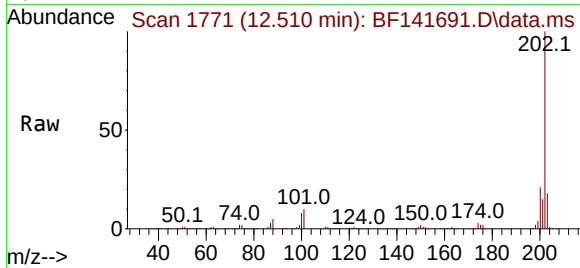




#75
Fluoranthene
Concen: 38.222 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

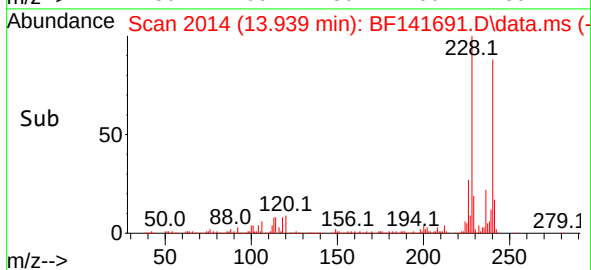
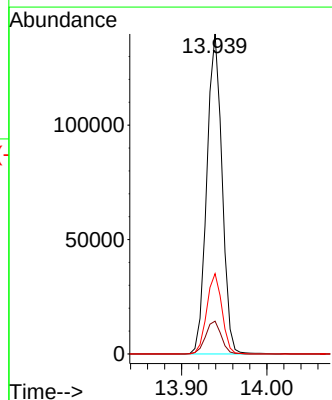
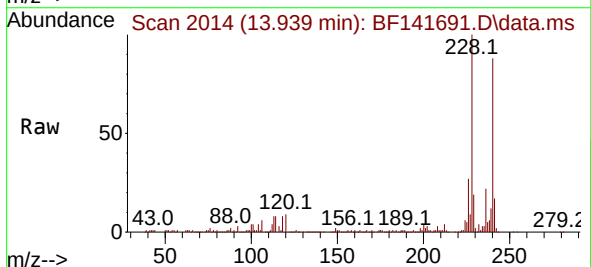
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

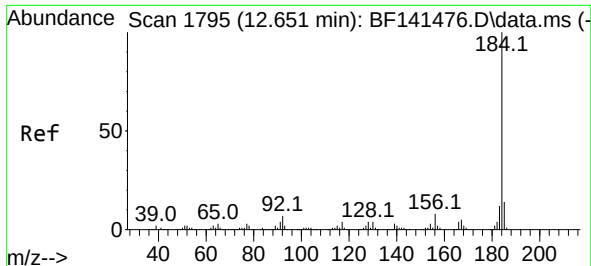
Tgt Ion:202 Resp: 703158
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:240 Resp: 173447
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.1 19.8 29.8

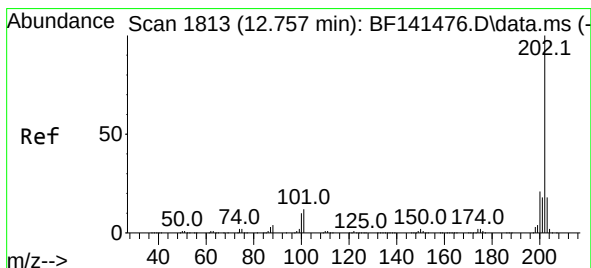
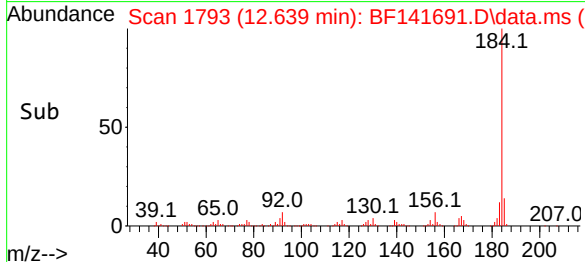
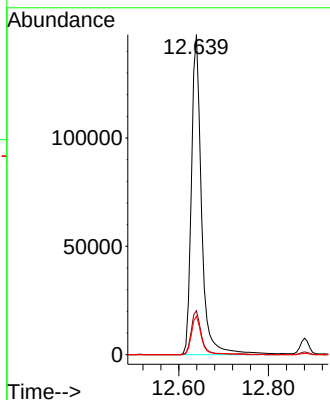
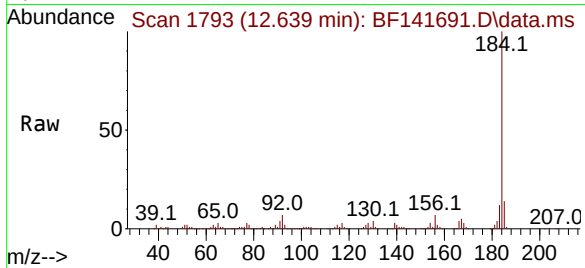




#77
Benzidine
Concen: 60.775 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

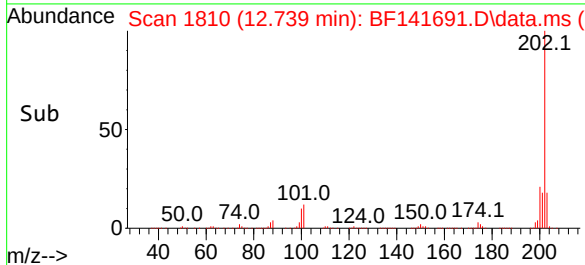
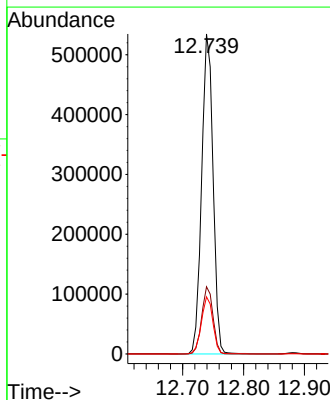
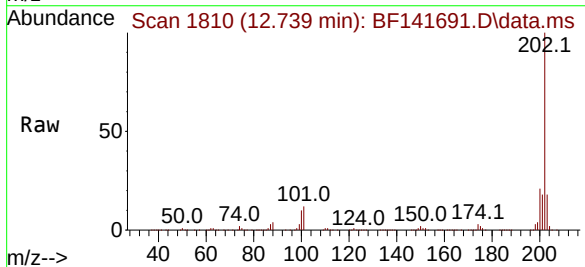
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

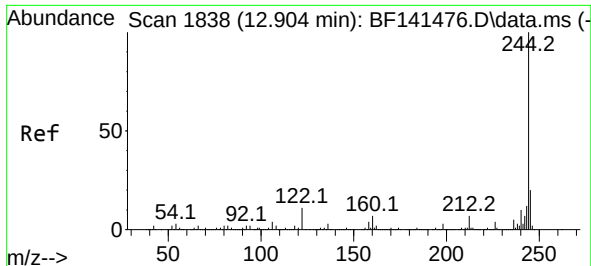
Tgt Ion:184 Resp: 232481
Ion Ratio Lower Upper
184 100
185 13.8 11.3 16.9
183 12.1 9.3 13.9



#78
Pyrene
Concen: 47.186 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

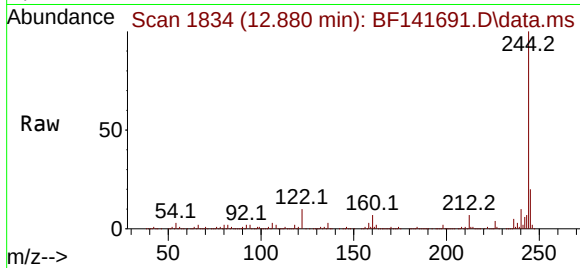
Tgt Ion:202 Resp: 696703
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.9 14.3 21.5



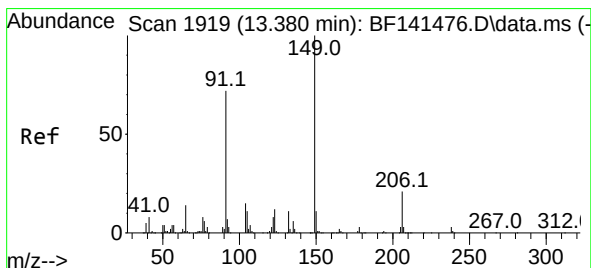
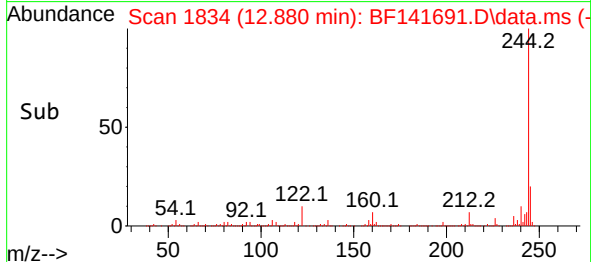
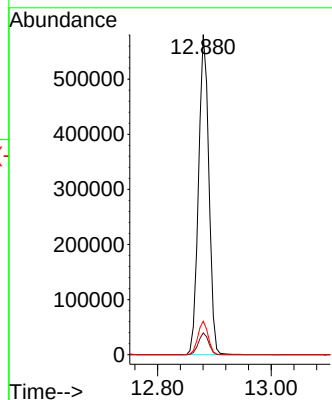


#79
 Terphenyl-d14
 Concen: 71.778 ng
 RT: 12.880 min Scan# 1834
 Delta R.T. -0.023 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-15-021725MS

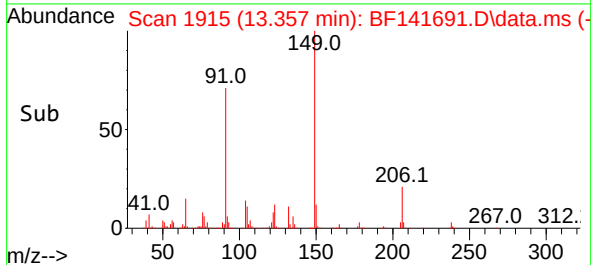
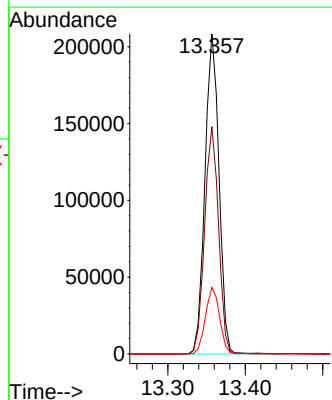
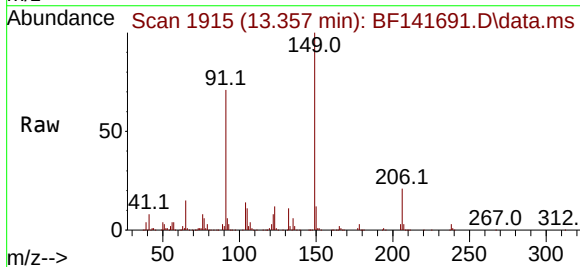


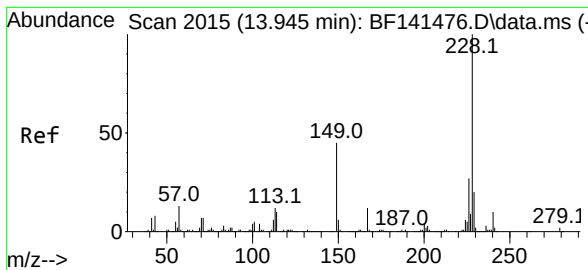
Tgt Ion:244 Resp: 737462
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.5 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 51.167 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

Tgt Ion:149 Resp: 261679
 Ion Ratio Lower Upper
 149 100
 91 71.1 57.8 86.8
 206 20.7 16.7 25.1

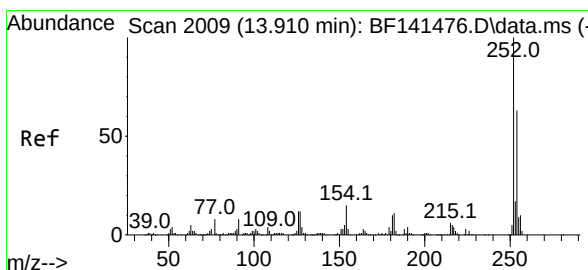
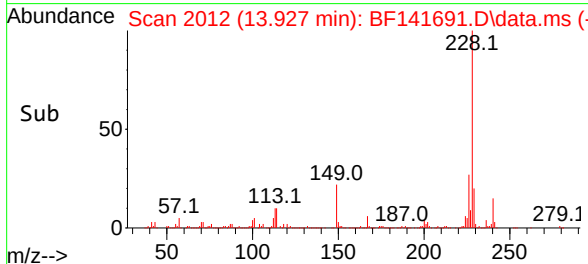
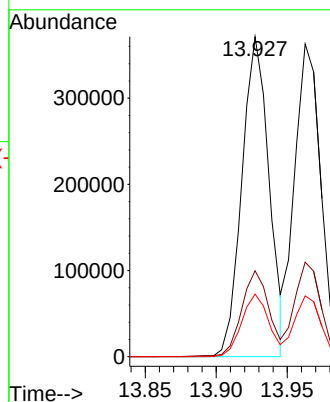
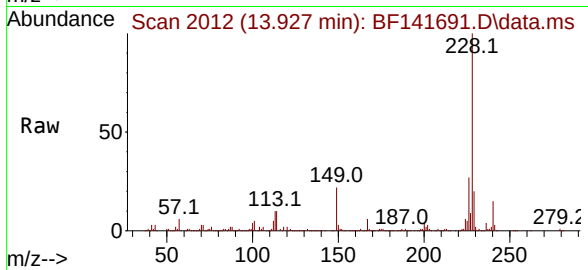




#81
Benzo(a)anthracene
Concen: 42.809 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

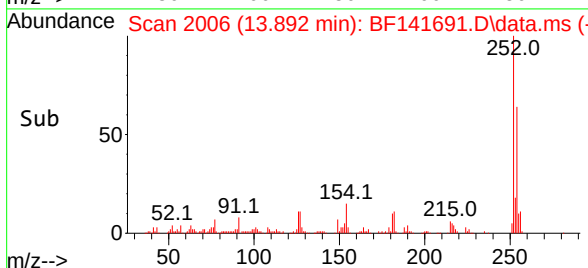
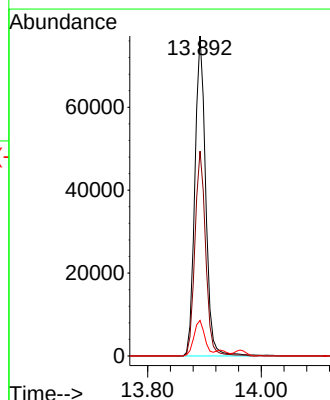
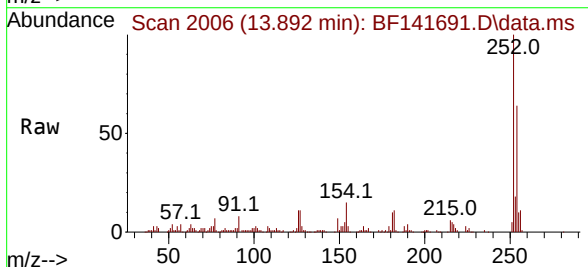
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

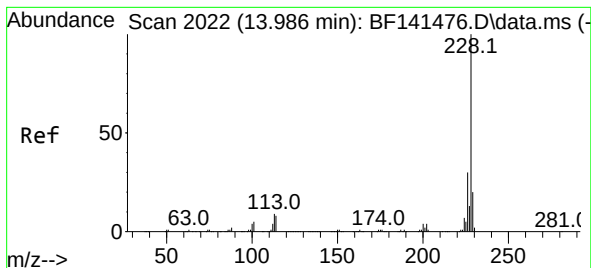
Tgt Ion:	228	Resp:	493567
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.8	32.8
229	19.6	15.8	23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.080 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:	252	Resp:	102649
Ion Ratio	Lower	Upper	
252	100		
254	64.0	50.6	76.0
126	11.1	9.3	13.9





#83

Chrysene

Concen: 43.805 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

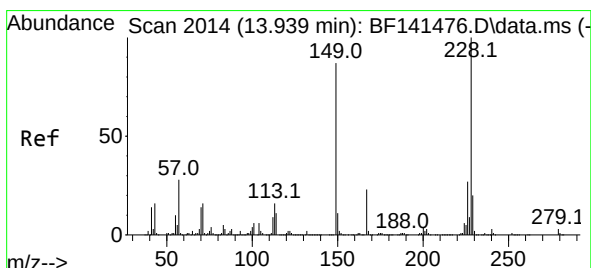
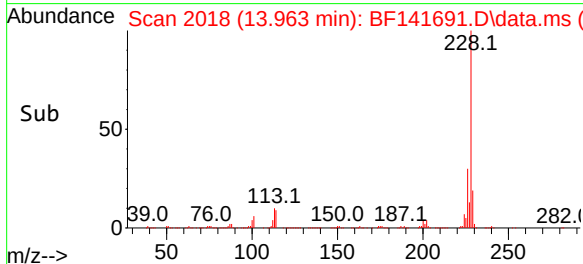
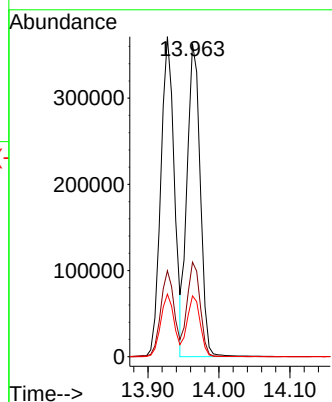
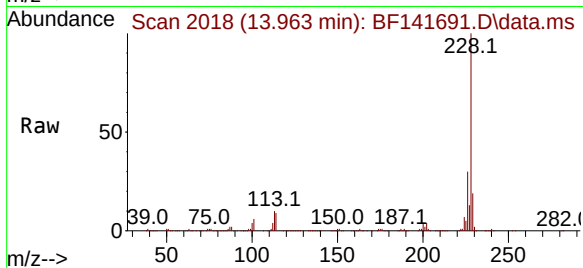
Tgt Ion:228 Resp: 466344

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.197 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

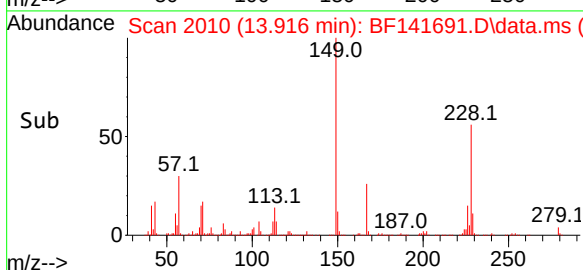
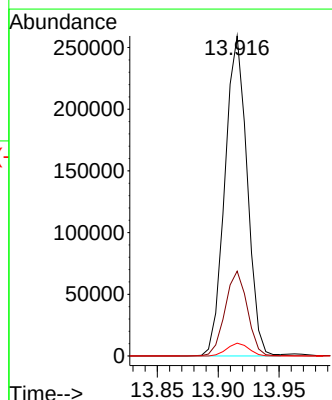
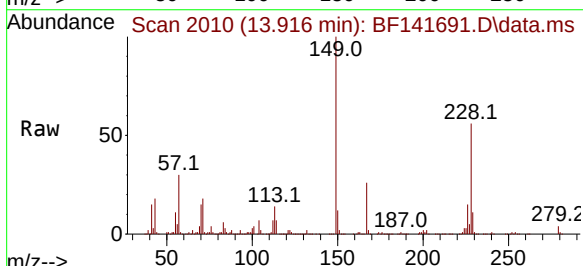
Tgt Ion:149 Resp: 329913

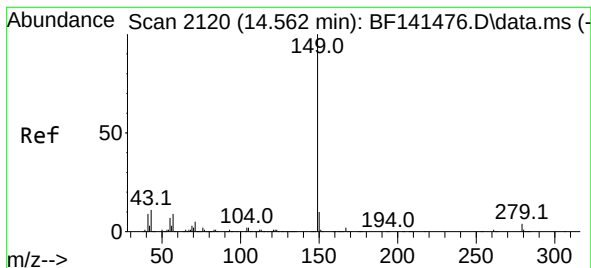
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 58.294 ng

RT: 14.527 min Scan# 2114

Delta R.T. -0.035 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

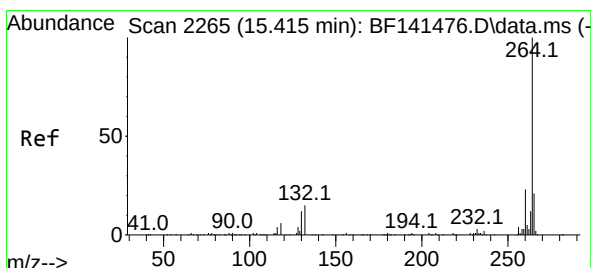
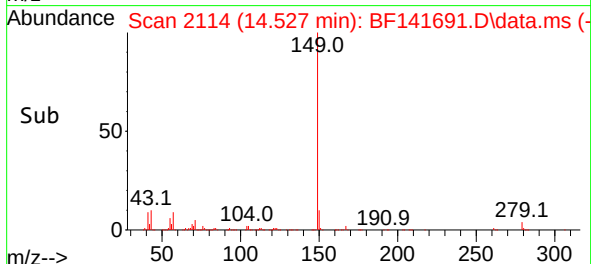
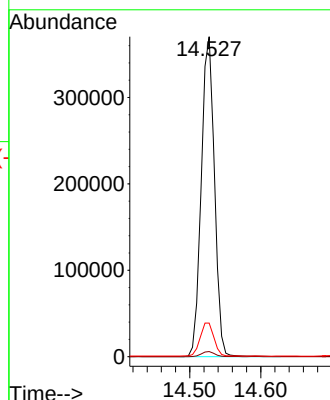
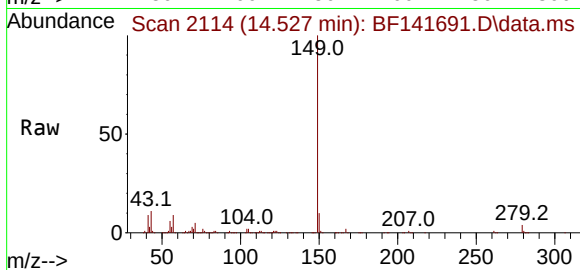
Tgt Ion:149 Resp: 479672

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.8 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: BF141691.D

Acq: 19 Feb 2025 23:06

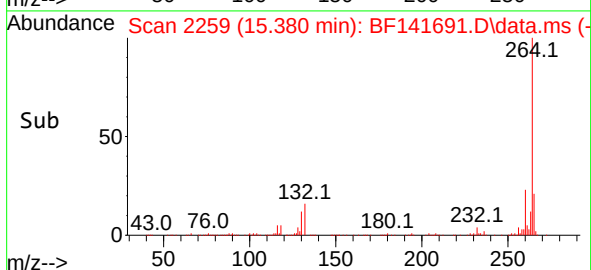
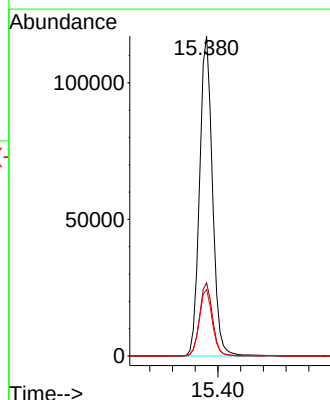
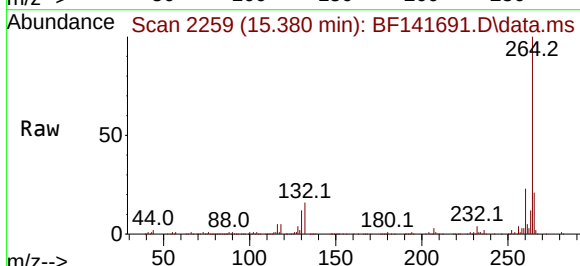
Tgt Ion:264 Resp: 184904

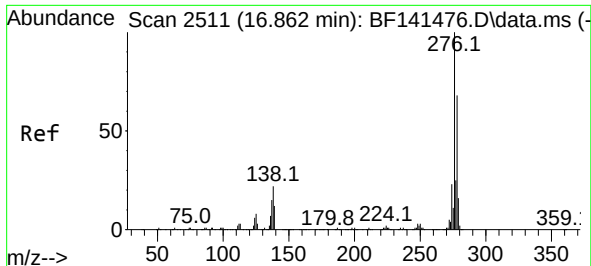
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 20.8 17.0 25.4

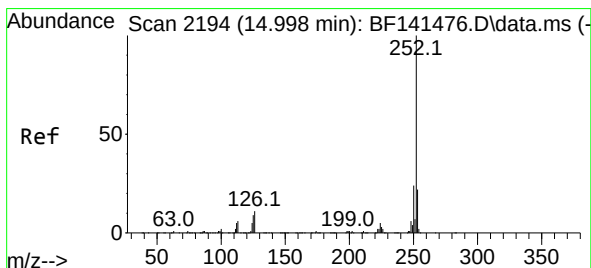
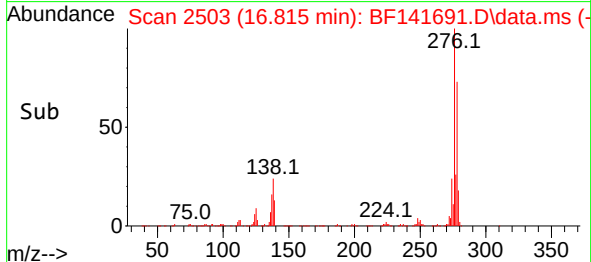
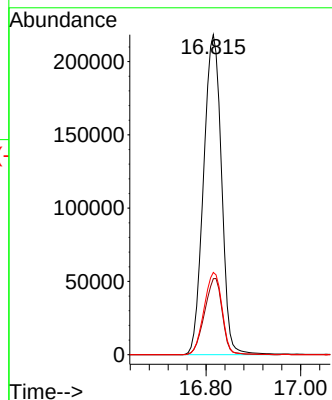
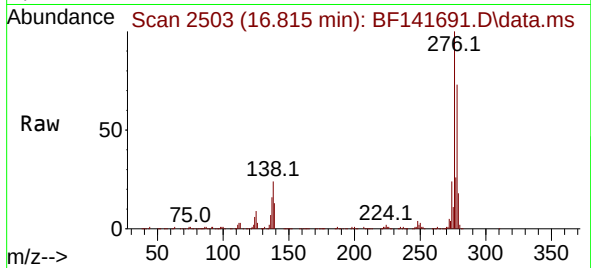




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.247 ng
RT: 16.815 min Scan# 2188
Delta R.T. -0.059 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

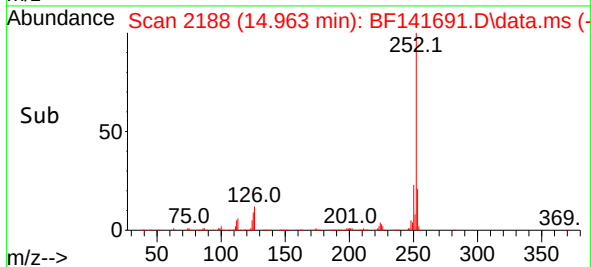
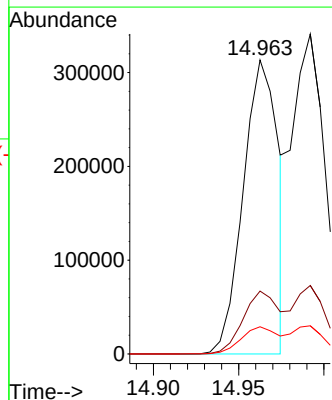
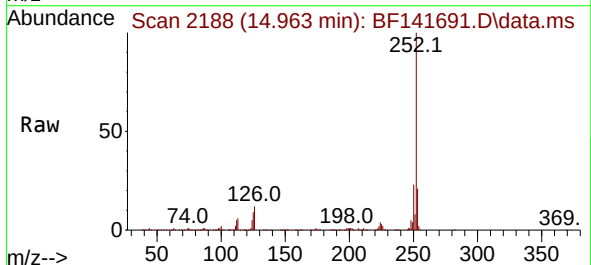
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

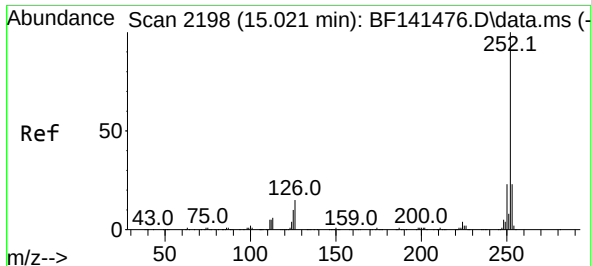
Tgt Ion:276 Resp: 574071
Ion Ratio Lower Upper
276 100
138 23.6 18.0 27.0
277 25.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 35.988 ng
RT: 14.963 min Scan# 2188
Delta R.T. -0.041 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:252 Resp: 446800
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.3 7.0 10.6

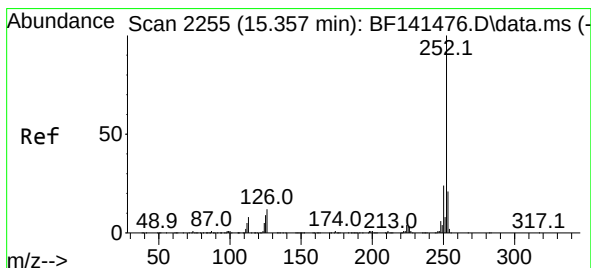
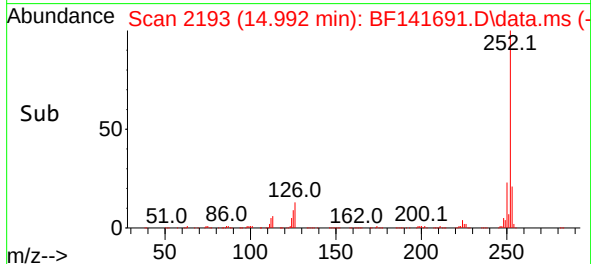
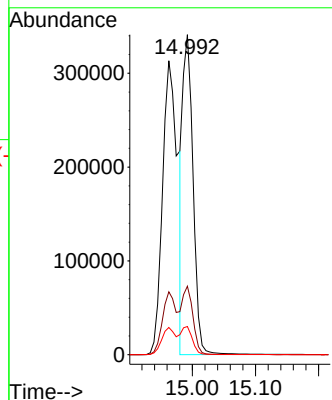
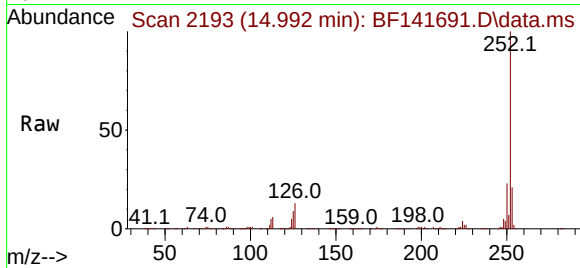




#89
Benzo(k)fluoranthene
Concen: 36.702 ng
RT: 14.992 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

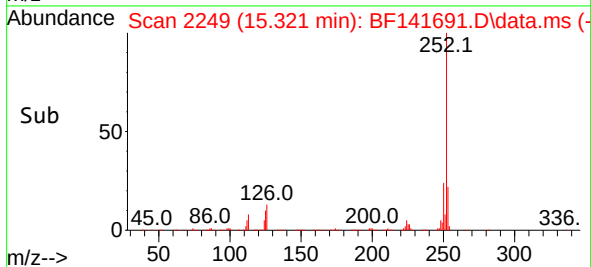
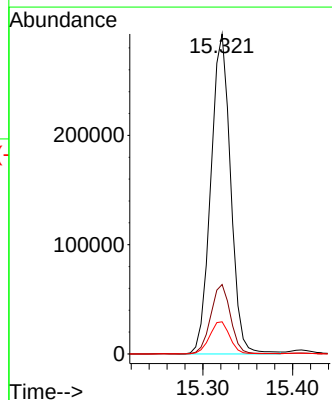
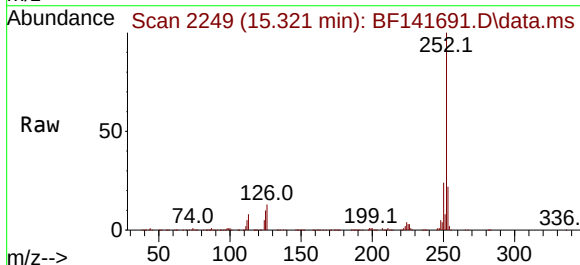
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

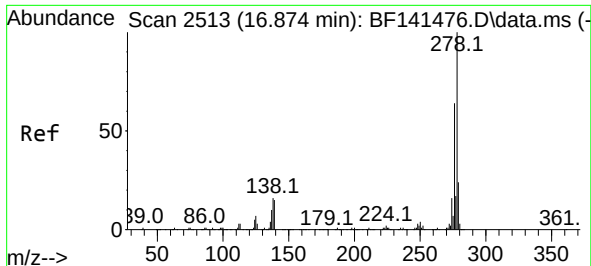
Tgt Ion:252 Resp: 389100
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 8.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 44.656 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:252 Resp: 448618
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.0 7.4 11.2

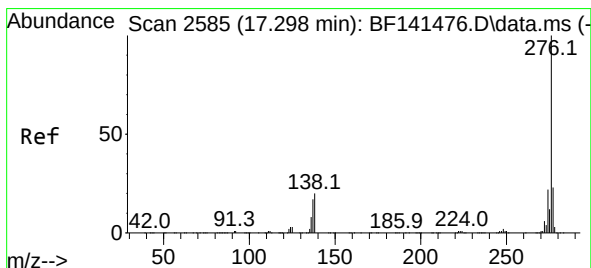
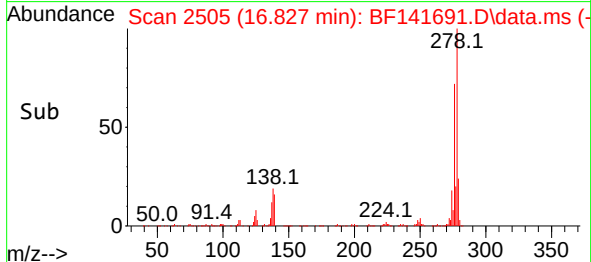
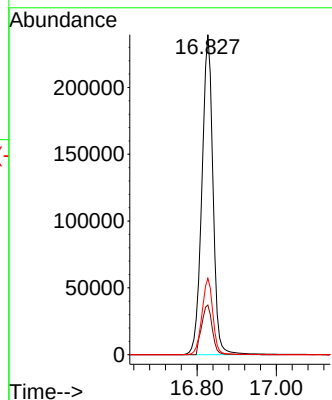
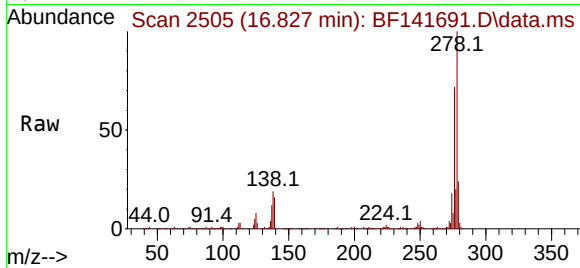




#91
Dibenzo(a,h)anthracene
Concen: 50.258 ng
RT: 16.827 min Scan# 21
Delta R.T. -0.065 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

Tgt Ion:278 Resp: 465267
Ion Ratio Lower Upper
278 100
139 15.5 11.8 17.6
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.060 ng
RT: 17.245 min Scan# 2576
Delta R.T. -0.070 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:276 Resp: 455897
Ion Ratio Lower Upper
276 100
277 22.9 18.6 28.0
138 19.4 15.9 23.9

