

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141697.D
 Acq On : 20 Feb 2025 12:03
 Operator : RC/JU
 Sample : PB166772BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166772BS

Quant Time: Feb 20 12:28:16 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	89471	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	339861	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	175998	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	274767	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	175579	20.000	ng	-0.02
86) Perylene-d12	15.380	264	179789	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	738692	129.436	ng	0.00
7) Phenol-d6	6.428	99	894484	124.007	ng	-0.01
23) Nitrobenzene-d5	7.345	82	582257	89.359	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	228600	129.300	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1080350	94.571	ng	-0.01
79) Terphenyl-d14	12.880	244	1017222	97.805	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	96087	41.833	ng	97
3) Pyridine	3.310	79	215535	39.433	ng	94
4) n-Nitrosodimethylamine	3.257	42	138675	38.317	ng	88
6) Aniline	6.445	93	229522	33.921	ng	87
8) 2-Chlorophenol	6.569	128	267441	43.369	ng	99
9) Benzaldehyde	6.334	77	119356	31.138	ng	97
10) Phenol	6.439	94	314270	41.861	ng	94
11) bis(2-Chloroethyl)ether	6.516	93	252326	44.747	ng	99
12) 1,3-Dichlorobenzene	6.722	146	284537	43.706	ng	96
13) 1,4-Dichlorobenzene	6.798	146	287310	43.194	ng	99
14) 1,2-Dichlorobenzene	6.951	146	272279	44.105	ng	98
15) Benzyl Alcohol	6.928	79	221988	40.132	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	386626	40.053	ng	80
17) 2-Methylphenol	7.045	107	206293	42.748	ng	96
18) Hexachloroethane	7.286	117	105464	42.842	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	181025	41.956	ng	94
20) 3+4-Methylphenols	7.198	107	265647	43.316	ng	94
22) Acetophenone	7.192	105	404534	47.850	ng	94
24) Nitrobenzene	7.363	77	274673	43.229	ng	99
25) Isophorone	7.604	82	483767	46.563	ng	98
26) 2-Nitrophenol	7.681	139	143699	45.458	ng	93
27) 2,4-Dimethylphenol	7.722	122	208216	56.382	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	297186	44.640	ng	99
29) 2,4-Dichlorophenol	7.928	162	221917	44.475	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	236353	43.498	ng	99
31) Naphthalene	8.086	128	756122	42.740	ng	100
32) Benzoic acid	7.863	122	138804	36.186	ng	98
33) 4-Chloroaniline	8.139	127	77839	12.602	ng	98
34) Hexachlorobutadiene	8.198	225	145970	44.749	ng	100
35) Caprolactam	8.545	113	23146	15.236	ng	90
36) 4-Chloro-3-methylphenol	8.628	107	233838	42.307	ng	100
37) 2-Methylnaphthalene	8.775	142	475194	41.278	ng	99
38) 1-Methylnaphthalene	8.875	142	465525	41.752	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	258543	50.776	ng	99
41) Hexachlorocyclopentadiene	8.928	237	236093	139.404	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	146744	44.590	ng	99

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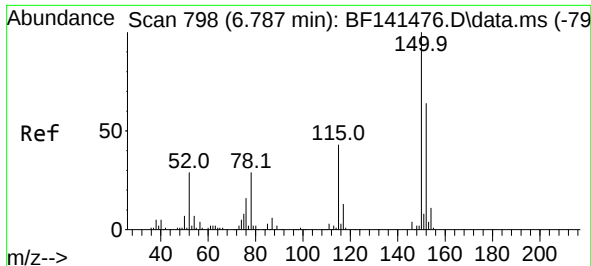
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	157526	44.167	ng	98
46) 1,1'-Biphenyl	9.239	154	678732	49.743	ng	99
47) 2-Chloronaphthalene	9.263	162	465210	46.106	ng	99
48) 2-Nitroaniline	9.363	65	146756	43.340	ng	98
49) Acenaphthylene	9.675	152	697830	46.498	ng	99
50) Dimethylphthalate	9.539	163	543725	45.507	ng	100
51) 2,6-Dinitrotoluene	9.604	165	117961	45.162	ng	98
52) Acenaphthene	9.851	154	442627	43.870	ng	100
53) 3-Nitroaniline	9.775	138	66082	23.507	ng	99
54) 2,4-Dinitrophenol	9.892	184	102131	65.792	ng	89
55) Dibenzofuran	10.022	168	627906	42.399	ng	99
56) 4-Nitrophenol	9.951	139	159906	76.625	ng	94
57) 2,4-Dinitrotoluene	10.010	165	153202	44.060	ng	99
58) Fluorene	10.363	166	499308	43.605	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	128933	41.989	ng	95
60) Diethylphthalate	10.239	149	507969	43.211	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	245262	44.522	ng	97
62) 4-Nitroaniline	10.392	138	108793	38.112	ng	97
63) Azobenzene	10.516	77	480413	41.109	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	75181	39.389	ng	91
66) n-Nitrosodiphenylamine	10.475	169	431732	49.085	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	147626	48.073	ng	100
68) Hexachlorobenzene	10.910	284	155070	49.039	ng	99
69) Atrazine	11.004	200	154838	58.680	ng	99
70) Pentachlorophenol	11.110	266	142913	70.680	ng	99
71) Phenanthrene	11.327	178	693309	45.839	ng	100
72) Anthracene	11.374	178	710171	46.710	ng	100
73) Carbazole	11.533	167	593490	43.383	ng	99
74) Di-n-butylphthalate	11.863	149	715228	45.278	ng	99
75) Fluoranthene	12.510	202	661644	41.262	ng	99
77) Benzidine	12.639	184	153500	39.641	ng	99
78) Pyrene	12.739	202	667462	44.657	ng	100
80) Butylbenzylphthalate	13.357	149	244952	47.315	ng	97
81) Benzo(a)anthracene	13.927	228	536374	45.957	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	125294	37.476	ng	99
83) Chrysene	13.963	228	497870	46.199	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	314261	53.822	ng	99
85) Di-n-octyl phthalate	14.527	149	505295	60.662	ng	97
87) Indeno(1,2,3-cd)pyrene	16.815	276	548805	49.402	ng	99
88) Benzo(b)fluoranthene	14.962	252	489904	40.582	ng	99
89) Benzo(k)fluoranthene	14.992	252	412603	40.026	ng	99
90) Benzo(a)pyrene	15.321	252	473681	48.492	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	442018	49.105	ng	99
92) Benzo(g,h,i)perylene	17.245	276	420897	44.683	ng	99

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

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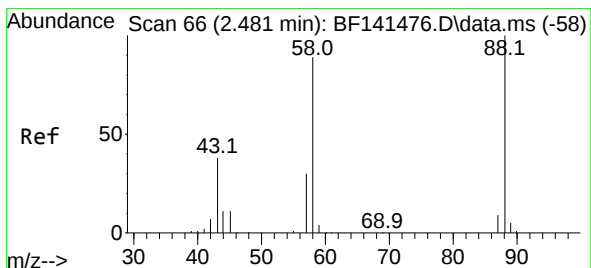
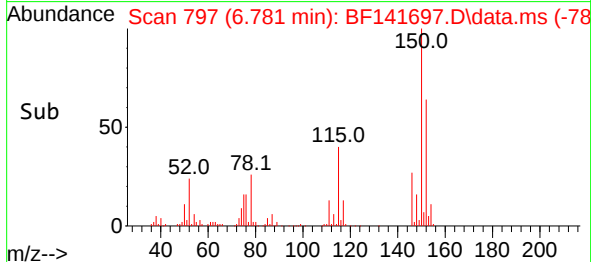
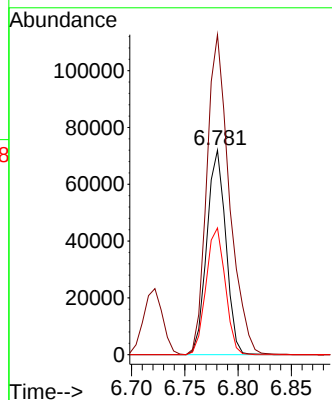
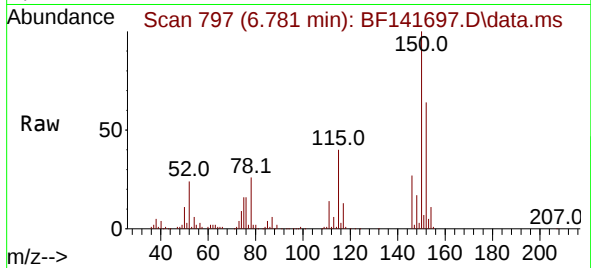




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

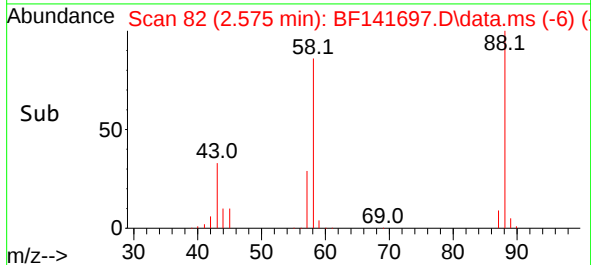
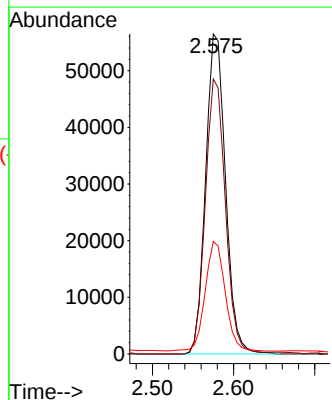
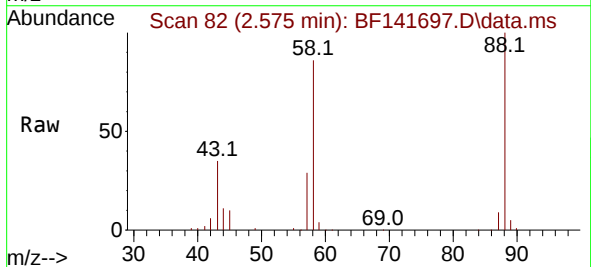
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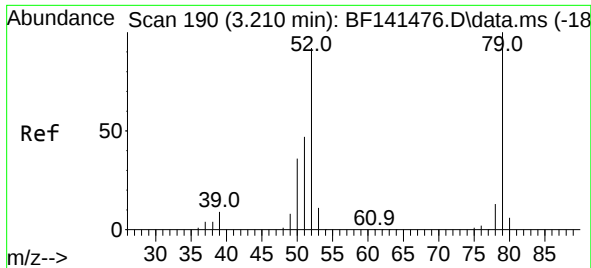
Tgt Ion:152 Resp: 89471
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.0 187.4
 115 61.9 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.833 ng
 RT: 2.575 min Scan# 82
 Delta R.T. 0.094 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

Tgt Ion: 88 Resp: 96087
 Ion Ratio Lower Upper
 88 100
 58 87.0 71.1 106.7
 43 34.5 30.6 46.0





#3

Pyridine

Concen: 39.433 ng

RT: 3.310 min Scan# 20

Delta R.T. 0.094 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

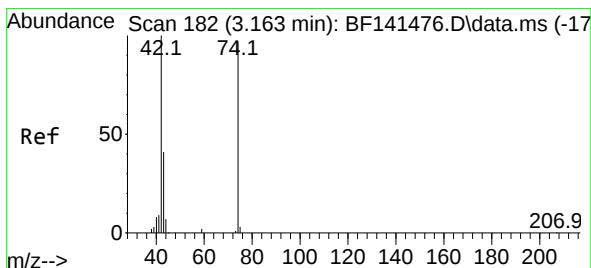
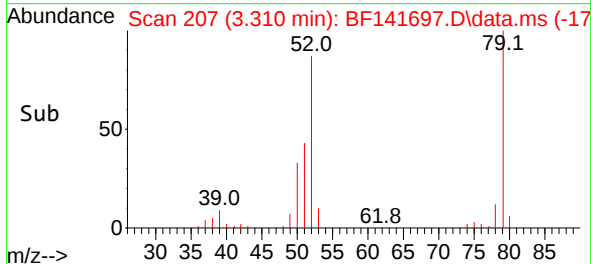
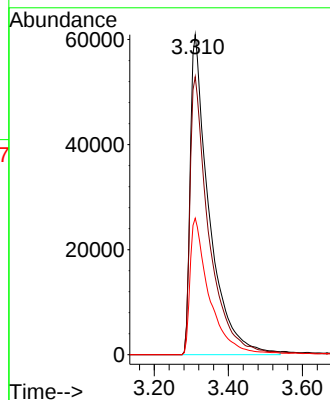
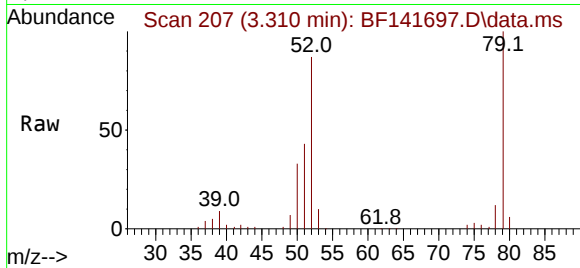
Tgt Ion: 79 Resp: 215535

Ion Ratio Lower Upper

79 100

52 86.9 73.7 110.5

51 42.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.317 ng

RT: 3.257 min Scan# 198

Delta R.T. 0.071 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

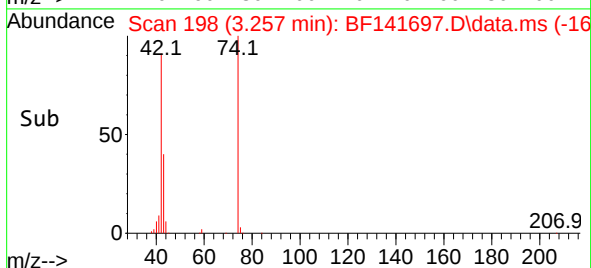
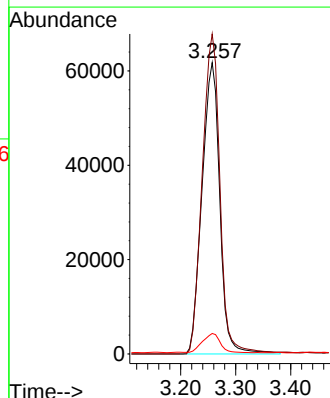
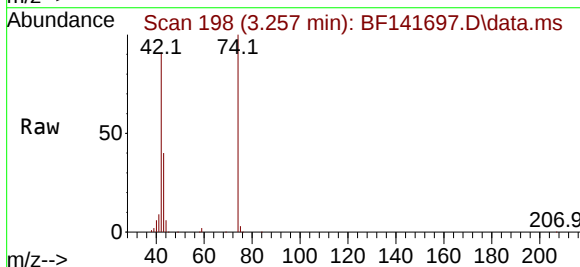
Tgt Ion: 42 Resp: 138675

Ion Ratio Lower Upper

42 100

74 109.8 78.0 117.0

44 7.0 5.4 8.2

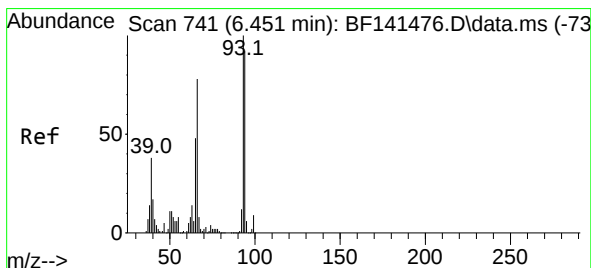
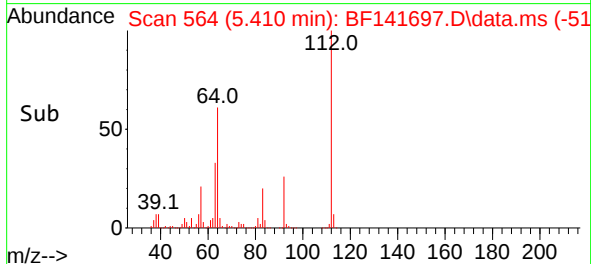
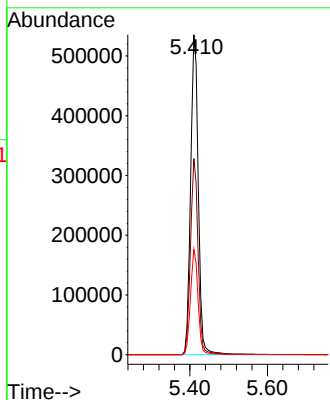
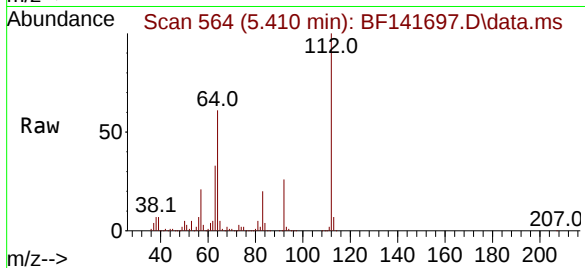




#5
2-Fluorophenol
Concen: 129.436 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

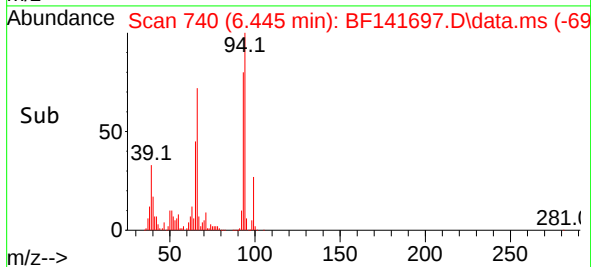
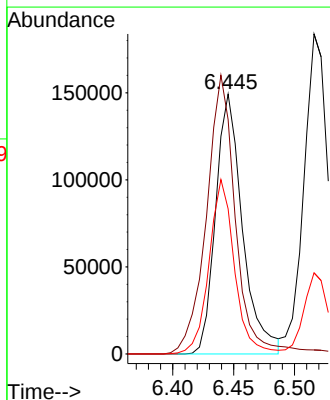
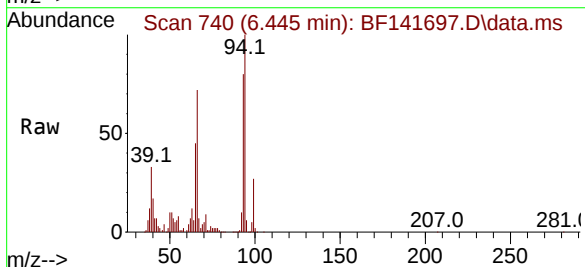
Instrument :
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Tgt Ion:112 Resp: 738692
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 32.9 28.4 42.6



#6
Aniline
Concen: 33.921 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion: 93 Resp: 229522
Ion Ratio Lower Upper
93 100
66 90.2 62.6 94.0
65 55.9 38.3 57.5

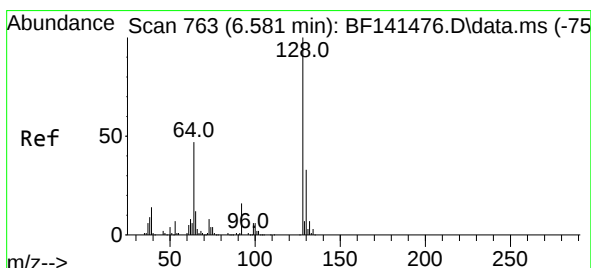
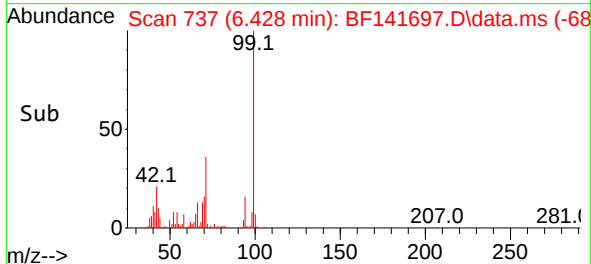
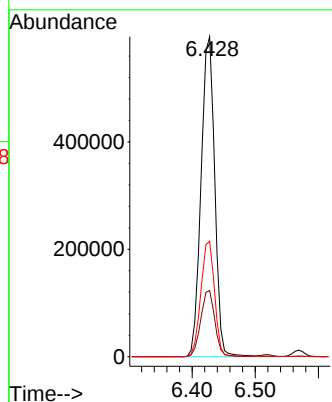
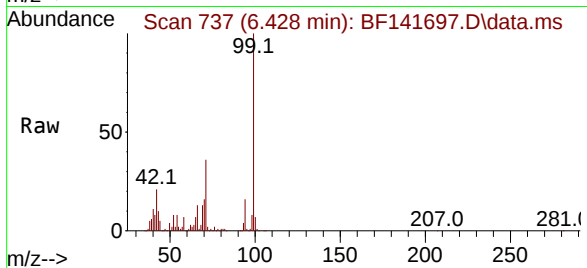




#7
Phenol-d6
Concen: 124.007 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

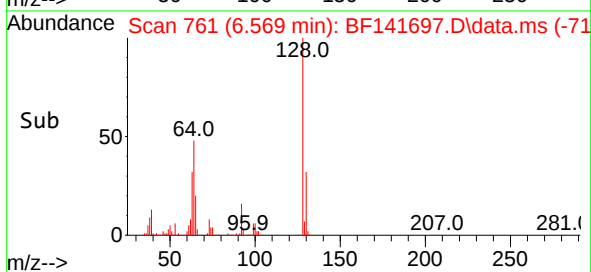
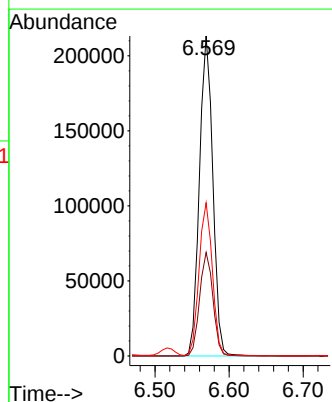
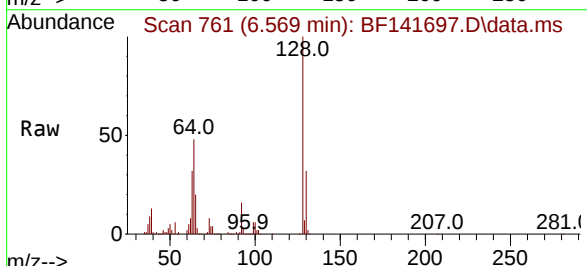
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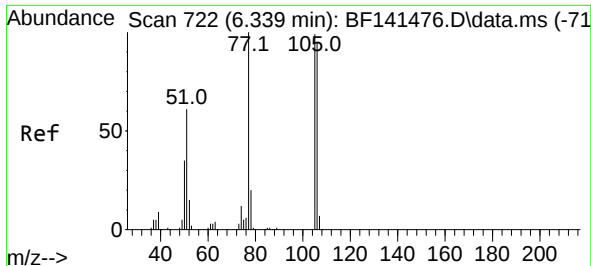
Tgt Ion: 99 Resp: 894484
Ion Ratio Lower Upper
99 100
42 20.6 19.1 28.7
71 36.1 31.1 46.7



#8
2-Chlorophenol
Concen: 43.369 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:128 Resp: 267441
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 47.8 28.3 68.3

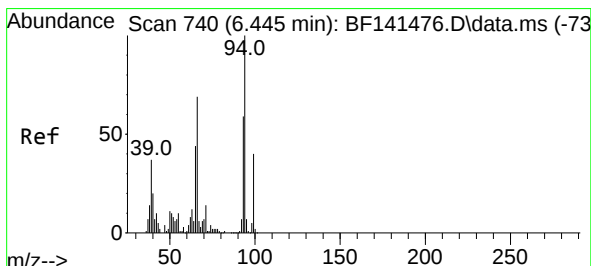
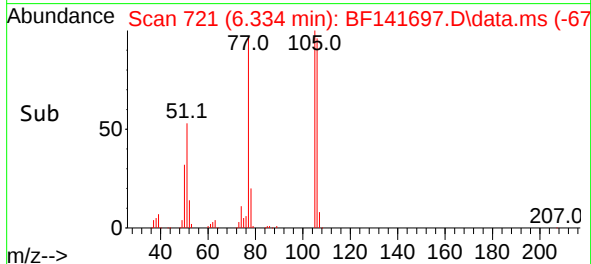
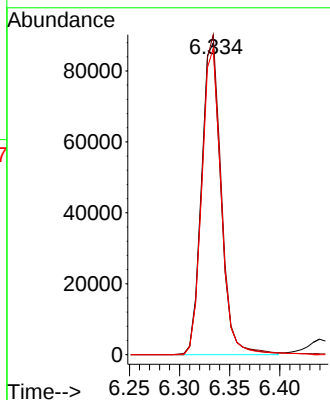
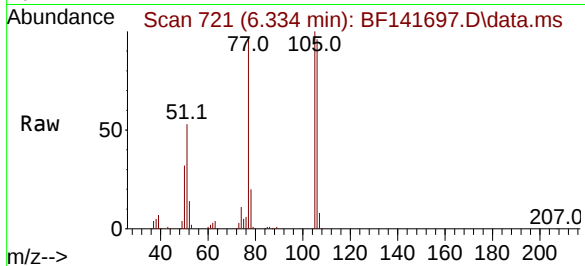




#9
Benzaldehyde
Concen: 31.138 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

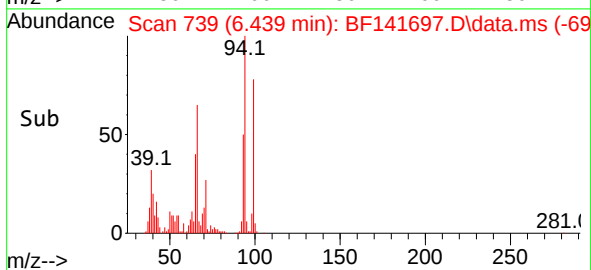
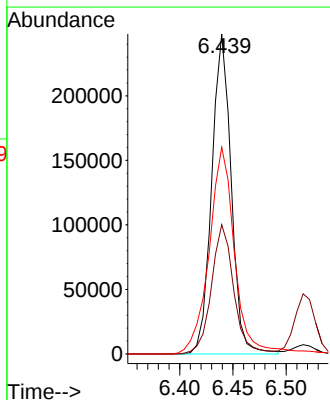
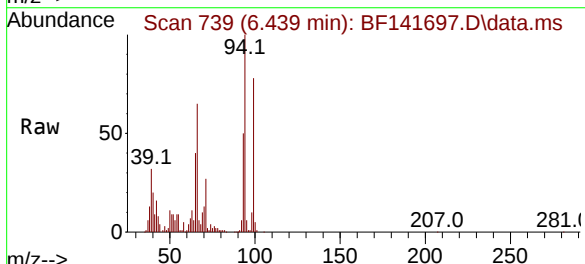
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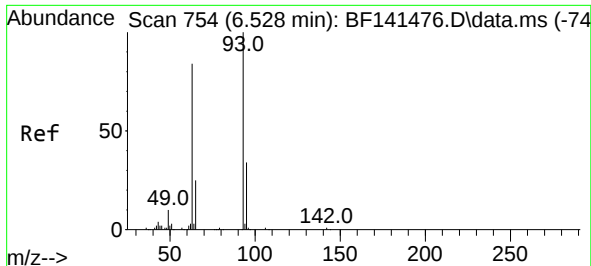
Tgt Ion: 77 Resp: 119356
Ion Ratio Lower Upper
77 100
105 102.7 79.4 119.4
106 98.2 75.1 115.1



#10
Phenol
Concen: 41.861 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion: 94 Resp: 314270
Ion Ratio Lower Upper
94 100
65 40.4 23.7 63.7
66 64.6 49.3 89.3

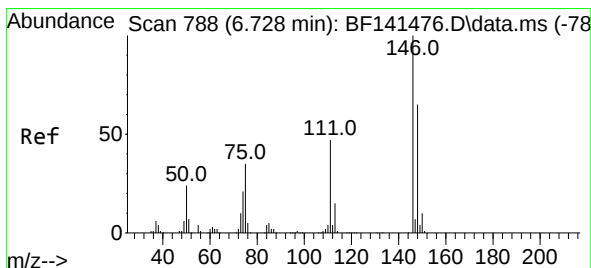
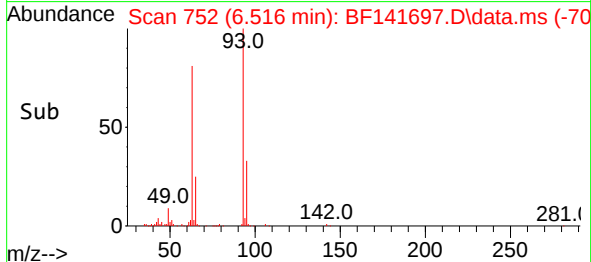
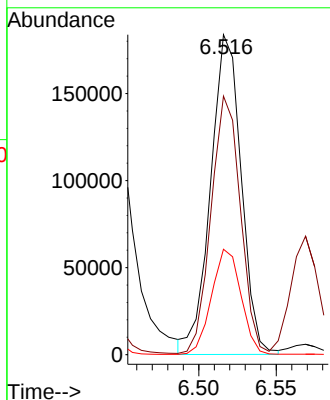
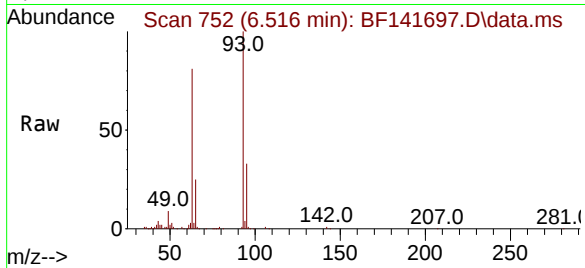




#11
bis(2-Chloroethyl)ether
Concen: 44.747 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

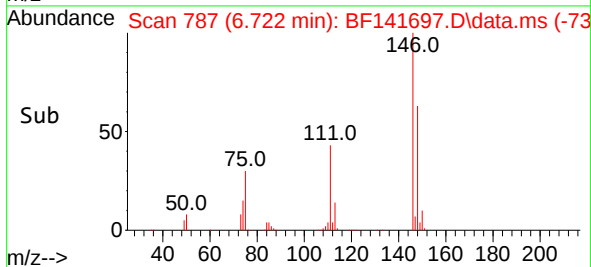
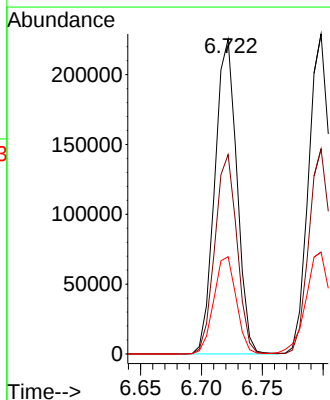
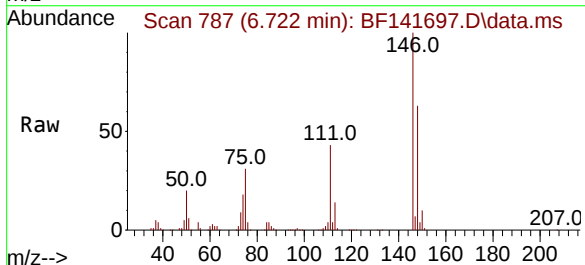
Instrument :
BNA_F
ClientSampleId :
PB166772BS

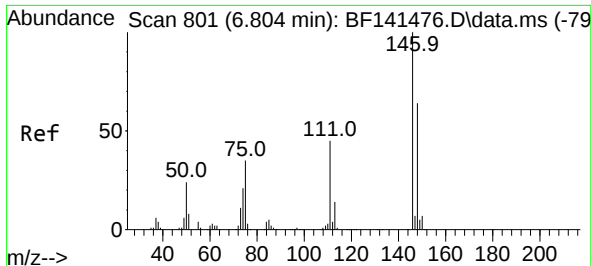
Tgt Ion: 93 Resp: 252326
Ion Ratio Lower Upper
93 100
63 80.8 62.0 102.0
95 33.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.706 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:146 Resp: 284537
Ion Ratio Lower Upper
146 100
148 63.4 51.9 77.9
75 30.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.194 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

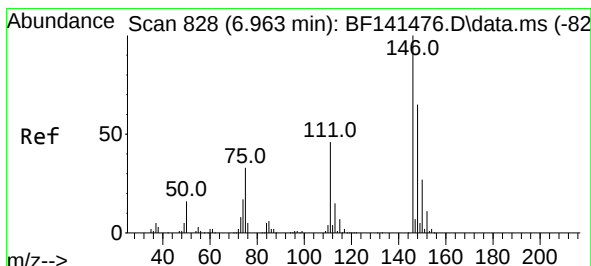
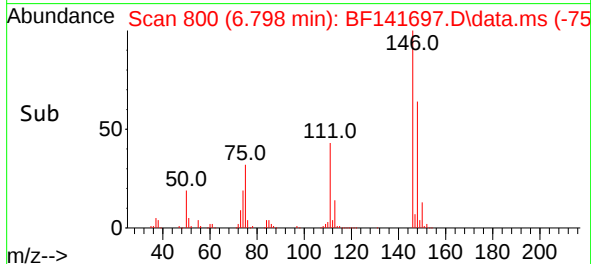
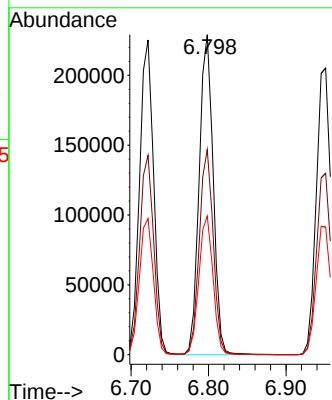
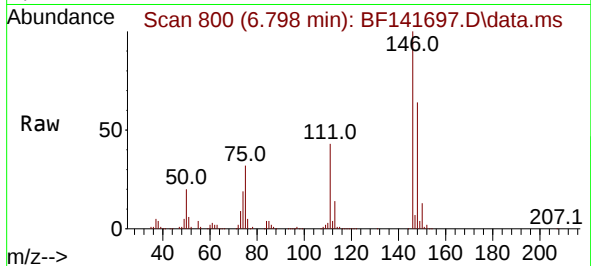
Tgt Ion:146 Resp: 287310

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 43.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.105 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

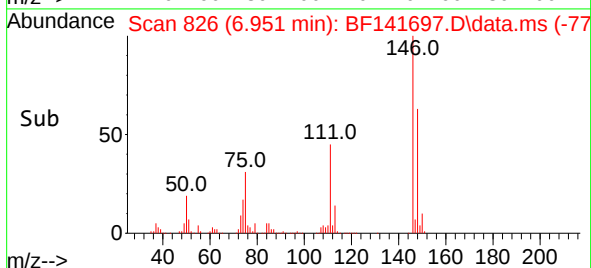
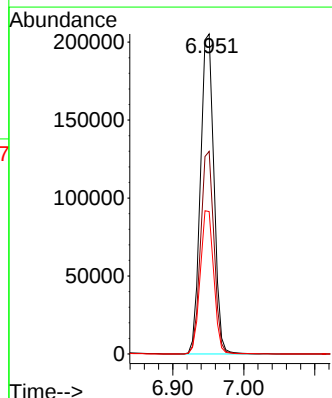
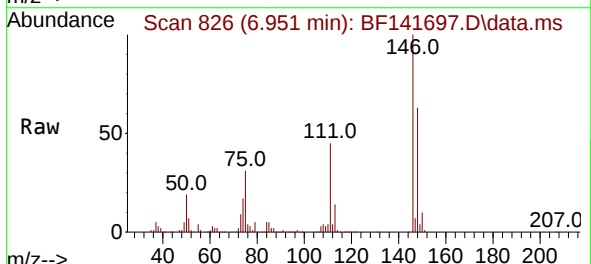
Tgt Ion:146 Resp: 272279

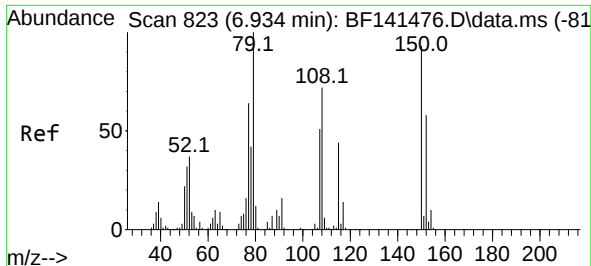
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

111 44.5 37.0 55.4

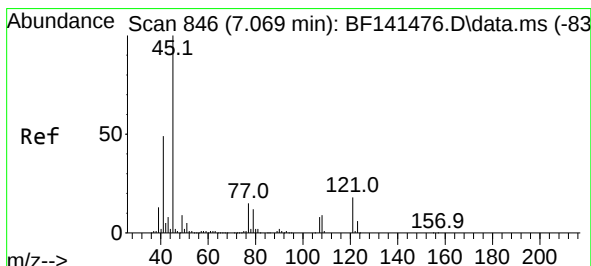
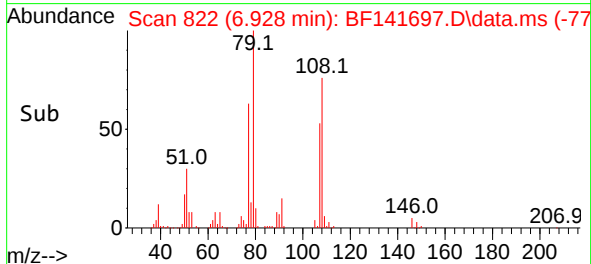
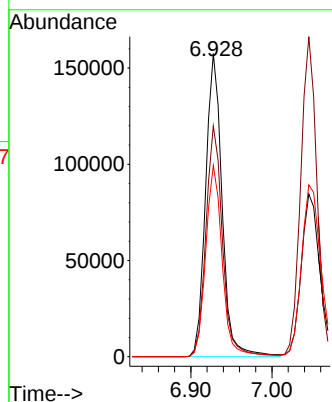
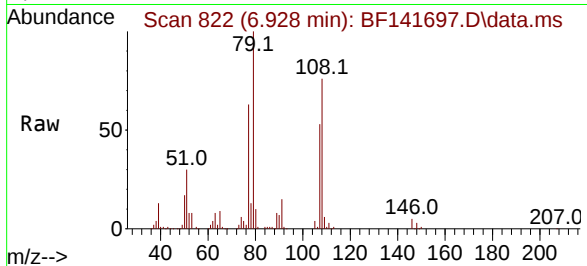




#15
Benzyl Alcohol
Concen: 40.132 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

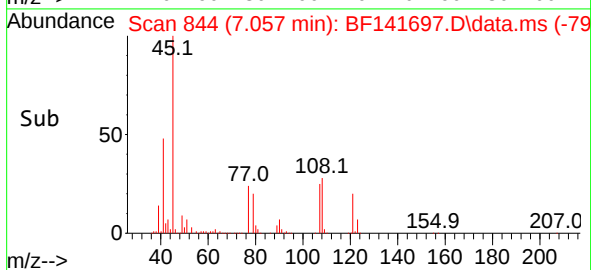
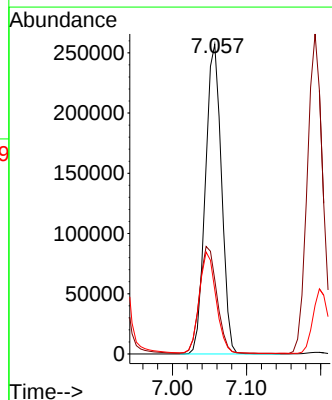
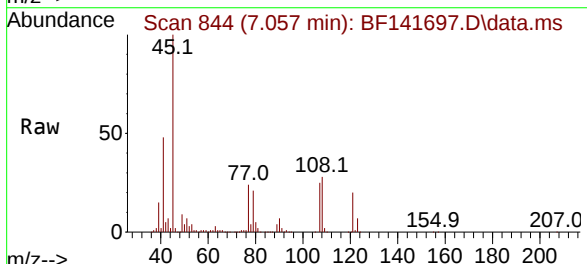
Instrument :
BNA_F
ClientSampleId :
PB166772BS

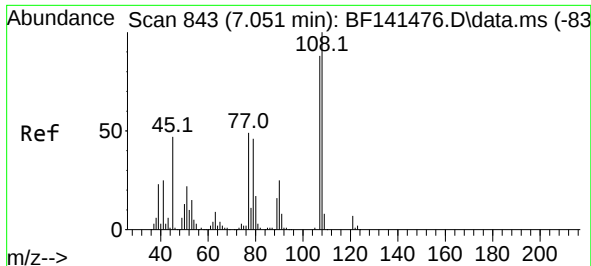
Tgt Ion: 79 Resp: 221988
Ion Ratio Lower Upper
79 100
108 76.2 57.4 86.2
77 63.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.053 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

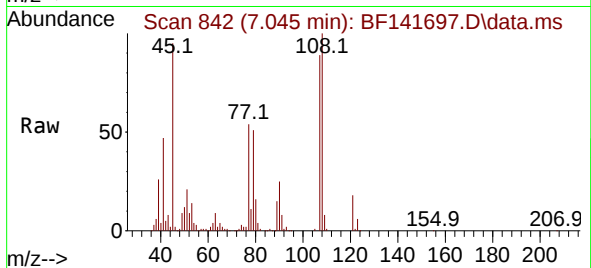
Tgt Ion: 45 Resp: 386626
Ion Ratio Lower Upper
45 100
77 24.0 0.0 35.8
79 20.8 0.0 32.7



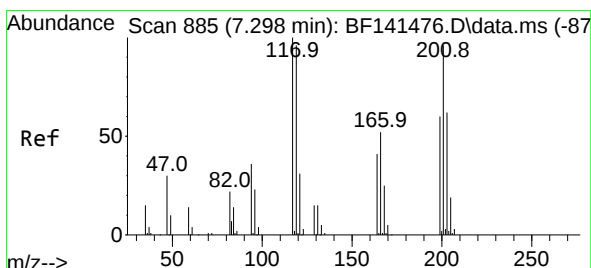
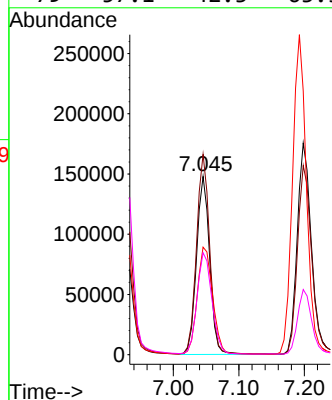
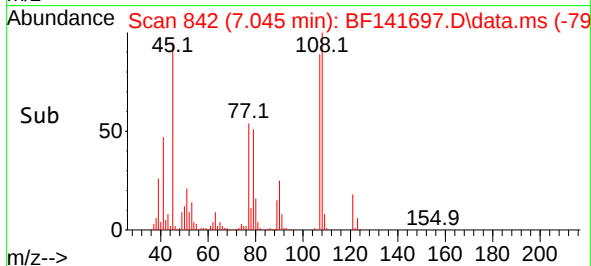


#17
2-Methylphenol
Concen: 42.748 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :
BNA_F
ClientSampleId :
PB166772BS

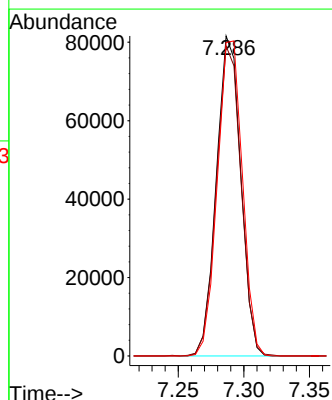
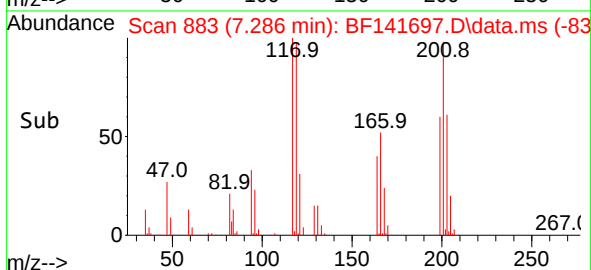
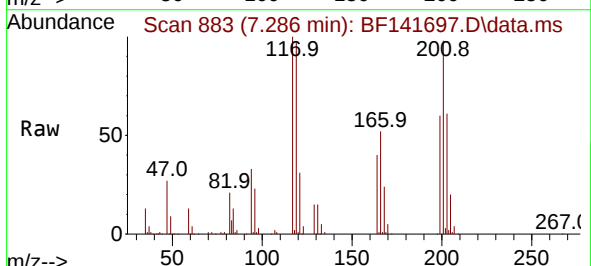


Tgt Ion:	107	Resp:	206293
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.6	136.0
77	60.3	44.4	66.6
79	57.1	42.3	63.5



#18
Hexachloroethane
Concen: 42.842 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:	117	Resp:	105464
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.5	114.7
201	98.0	76.7	115.1



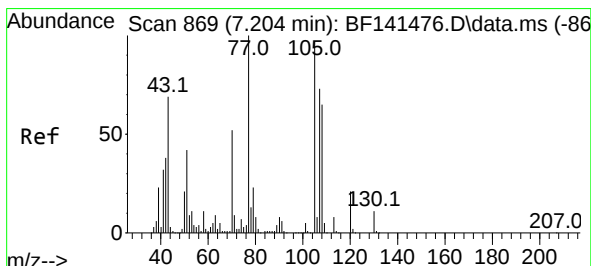
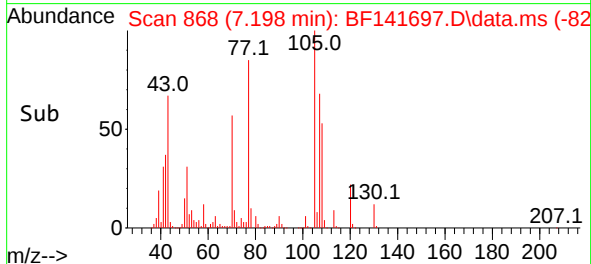
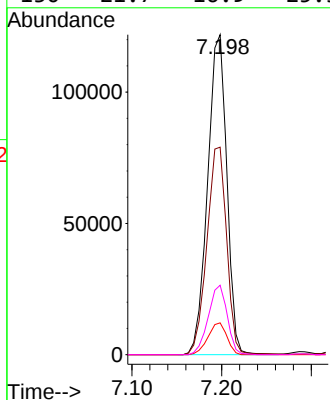
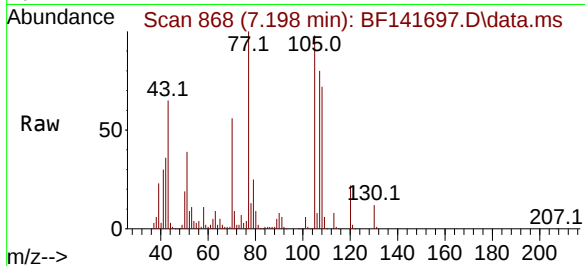


#19
n-Nitroso-di-n-propylamine
Concen: 41.956 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :
BNA_F
ClientSampleId :
PB166772BS

Tgt Ion: 70 Resp: 181025

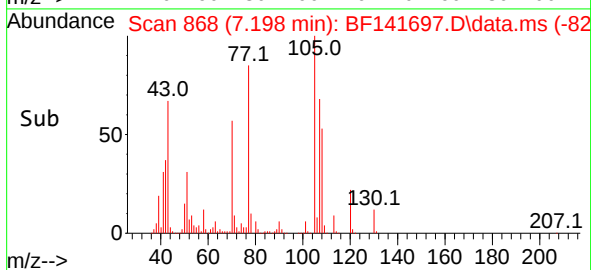
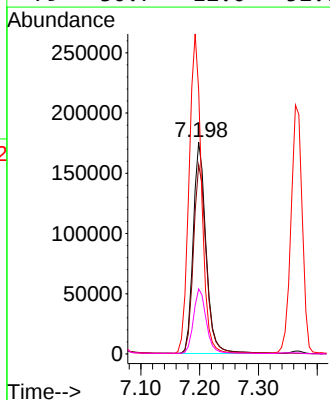
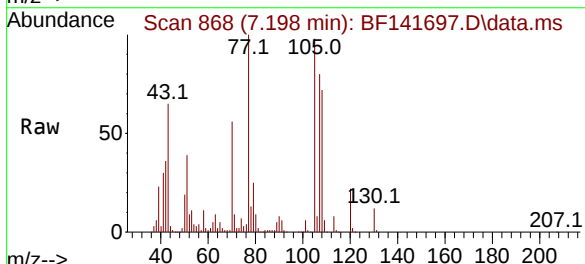
Ion	Ratio	Lower	Upper
70	100		
42	64.8	57.4	86.2
101	9.9	8.0	12.0
130	21.7	16.9	25.3

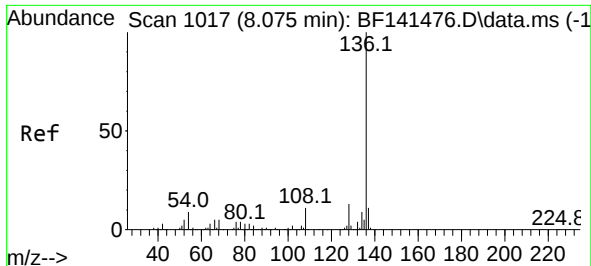


#20
3+4-Methylphenols
Concen: 43.316 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion: 107 Resp: 265647

Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.5	108.5
77	124.5	116.5	156.5
79	30.7	12.0	52.0

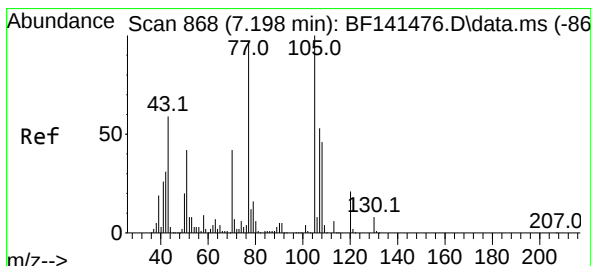
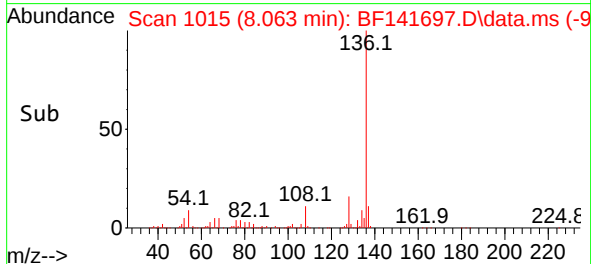
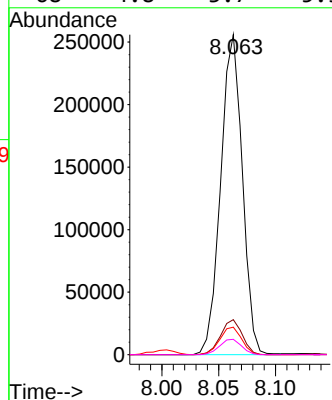
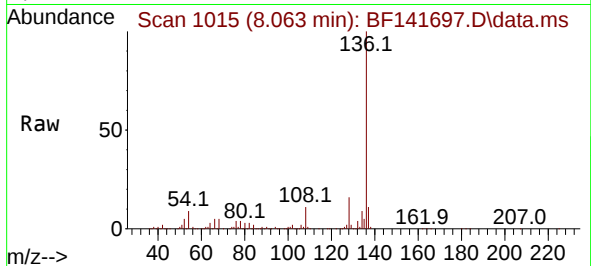




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

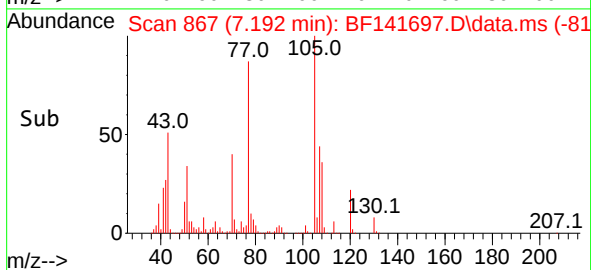
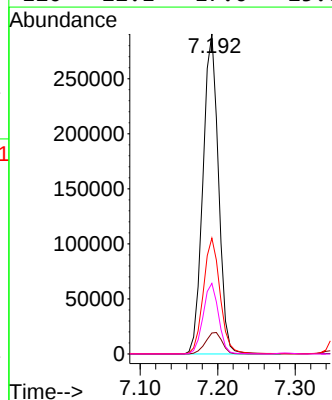
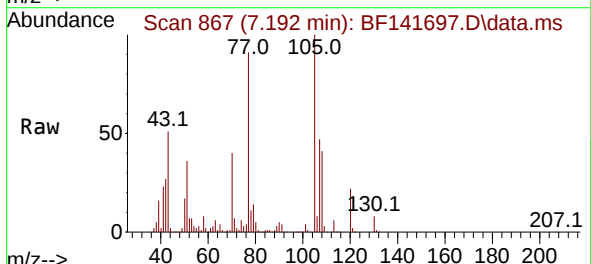
Instrument :
BNA_F
ClientSampleId :
PB166772BS

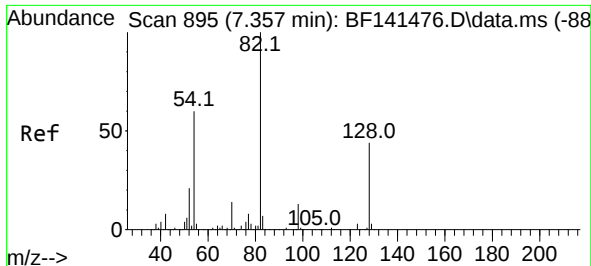
Tgt Ion:136 Resp: 339861
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.2 10.8
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 47.850 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:105 Resp: 404534
Ion Ratio Lower Upper
105 100
71 6.5 5.7 8.5
51 36.2 33.7 50.5
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.359 ng

RT: 7.345 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

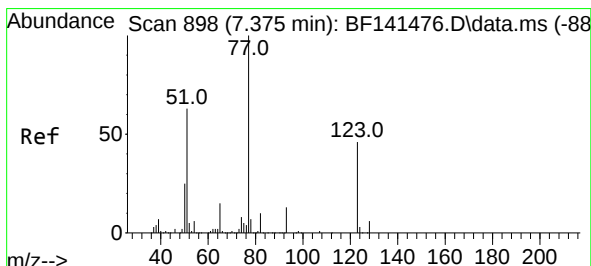
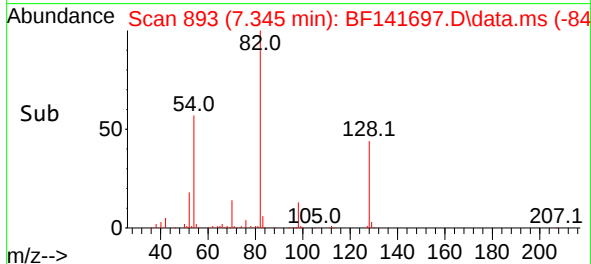
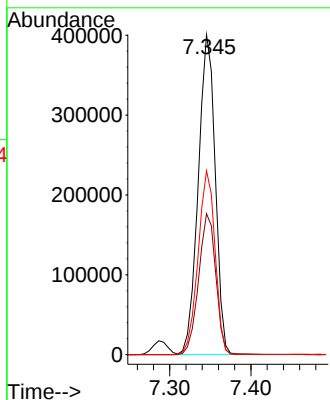
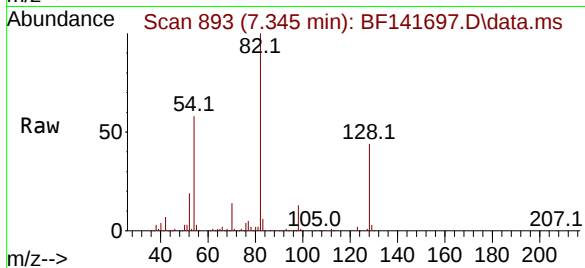
Tgt Ion: 82 Resp: 582257

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

54 57.5 48.2 72.4



#24

Nitrobenzene

Concen: 43.229 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

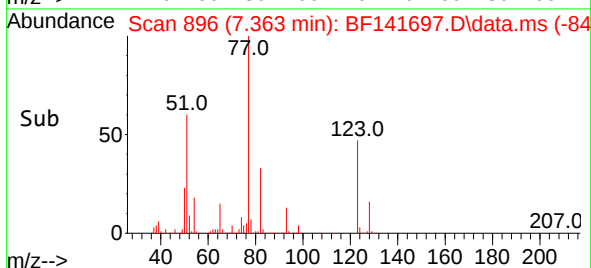
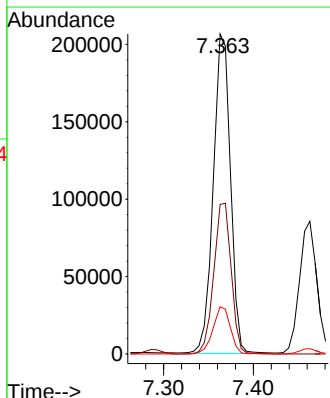
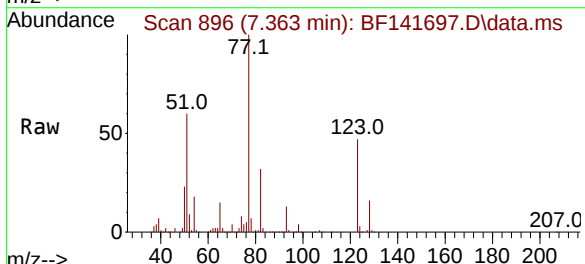
Tgt Ion: 77 Resp: 274673

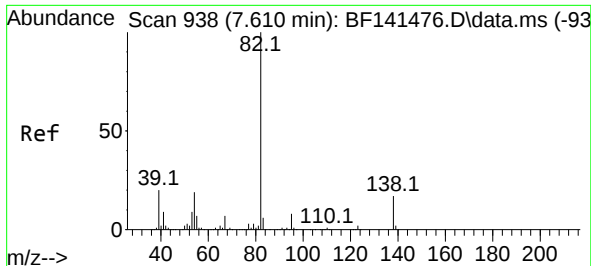
Ion Ratio Lower Upper

77 100

123 46.7 36.9 55.3

65 14.8 11.9 17.9

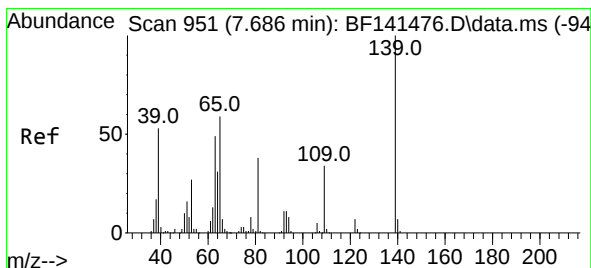
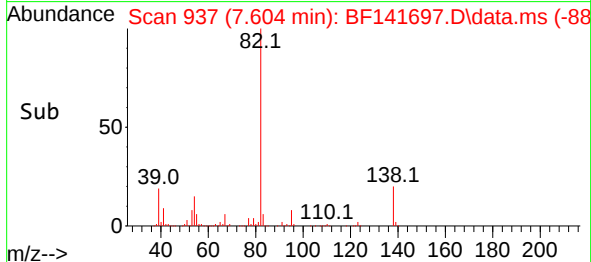
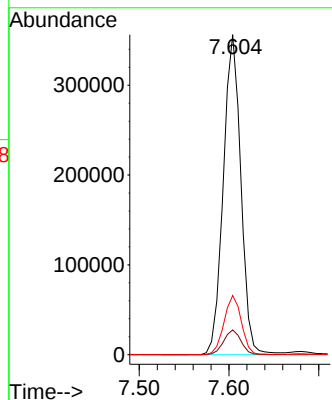
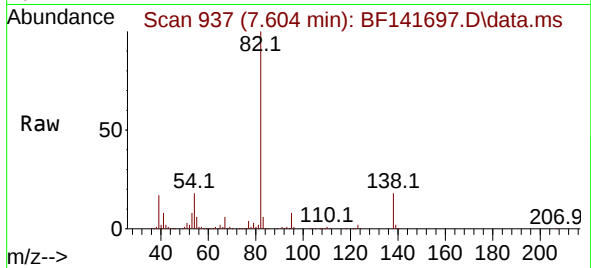




#25
Isophorone
Concen: 46.563 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

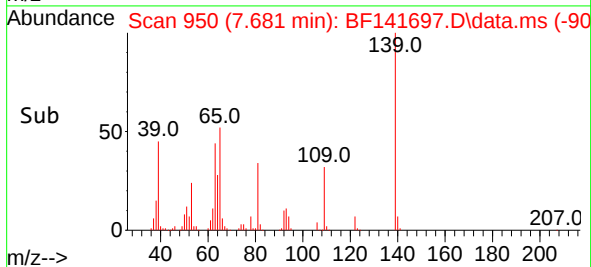
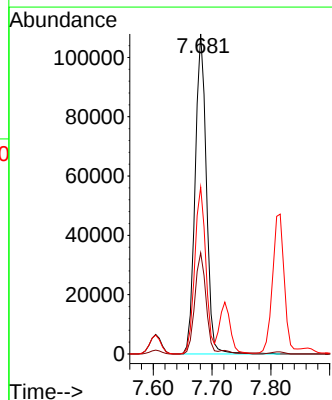
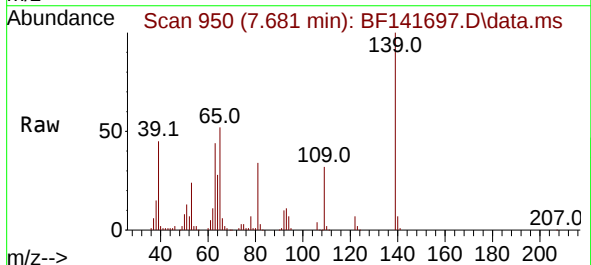
Instrument :
BNA_F
ClientSampleId :
PB166772BS

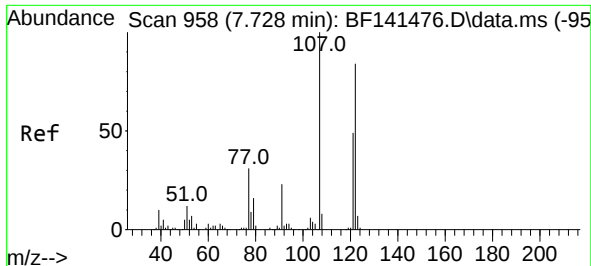
Tgt Ion: 82 Resp: 483767
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.5 13.9 20.9



#26
2-Nitrophenol
Concen: 45.458 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion: 139 Resp: 143699
Ion Ratio Lower Upper
139 100
109 31.6 27.0 40.6
65 52.1 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 56.382 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

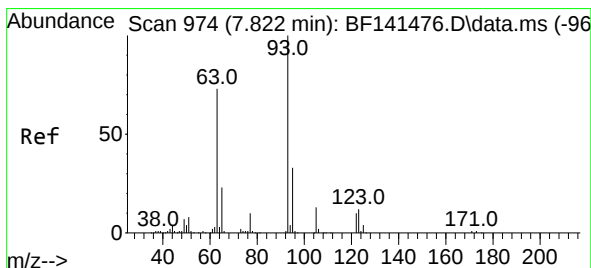
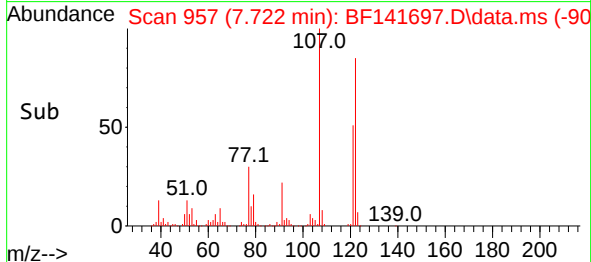
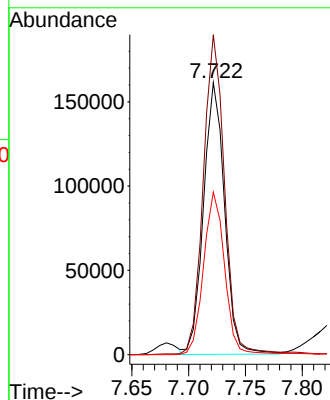
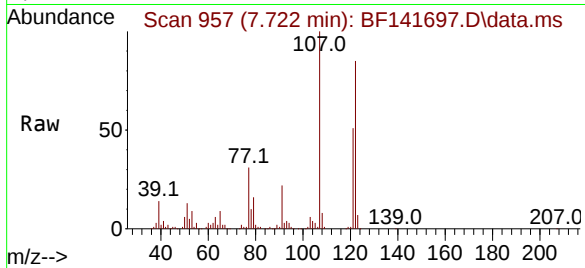
Tgt Ion:122 Resp: 208216

Ion Ratio Lower Upper

122 100

107 117.6 94.3 141.5

121 59.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.640 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

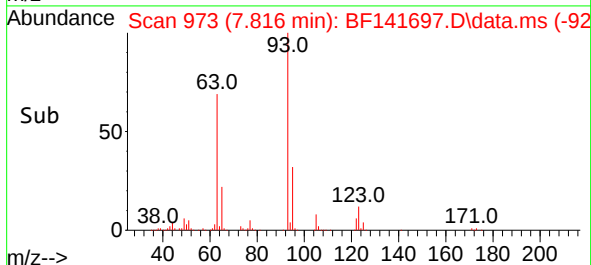
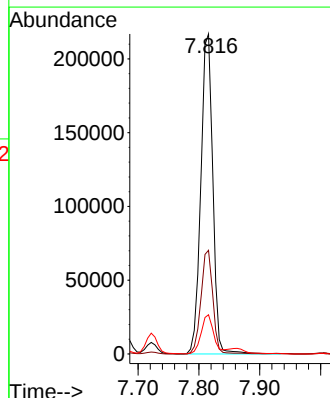
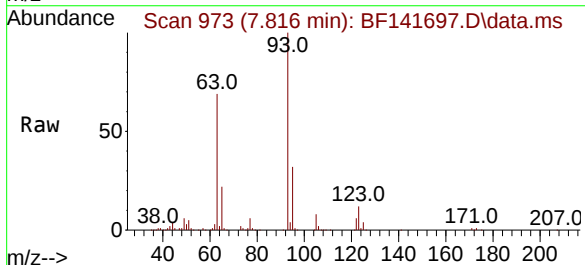
Tgt Ion: 93 Resp: 297186

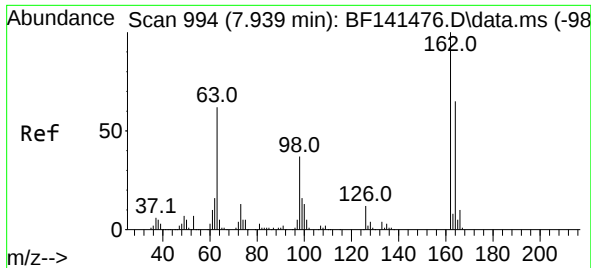
Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 12.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.475 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

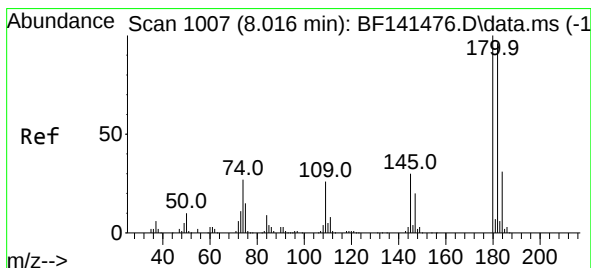
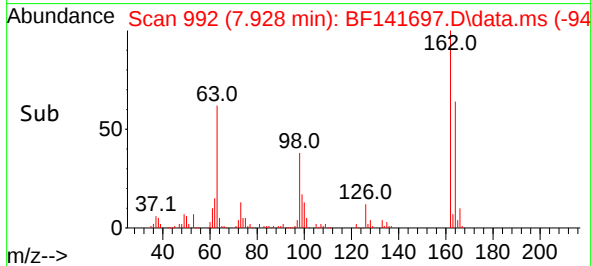
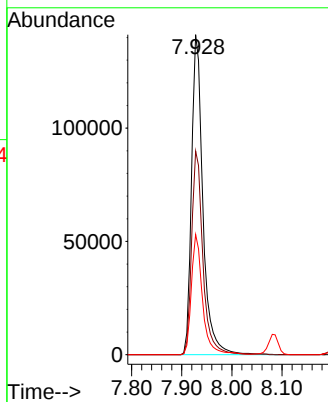
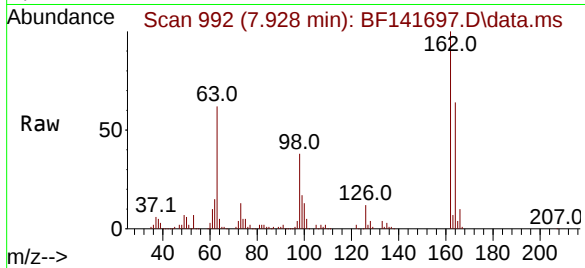
Tgt Ion:162 Resp: 221917

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

98 37.5 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 43.498 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

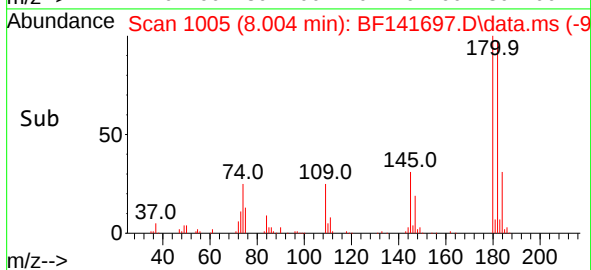
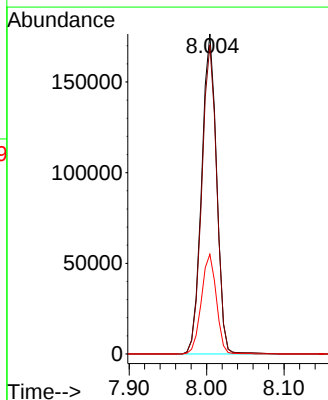
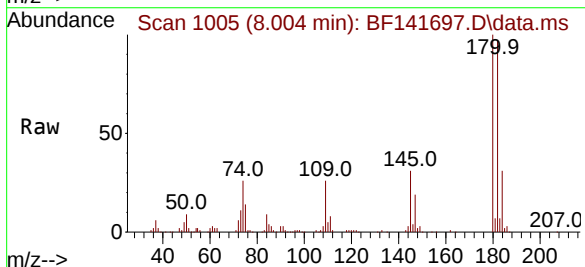
Tgt Ion:180 Resp: 236353

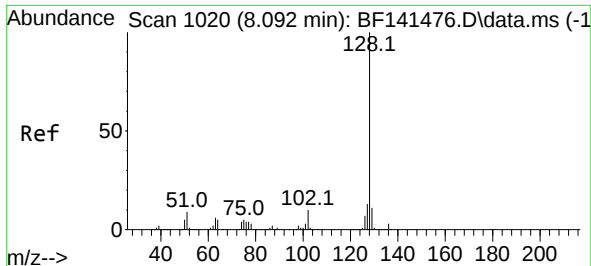
Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

145 31.2 24.2 36.4

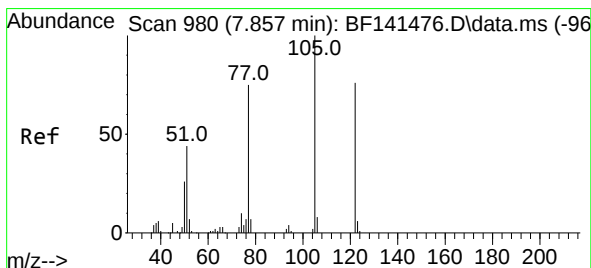
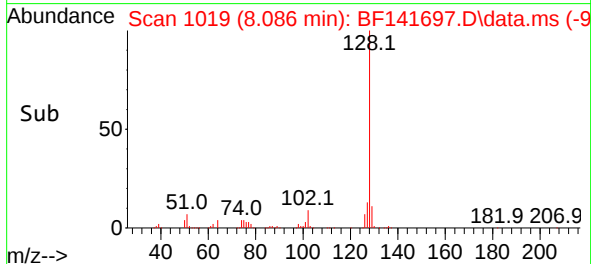
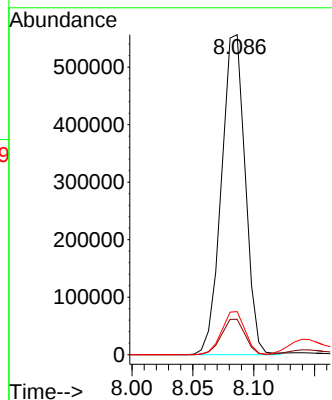
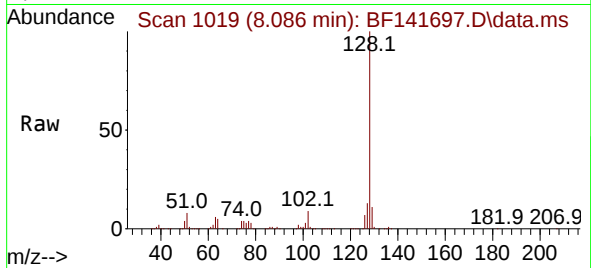




#31
Naphthalene
Concen: 42.740 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

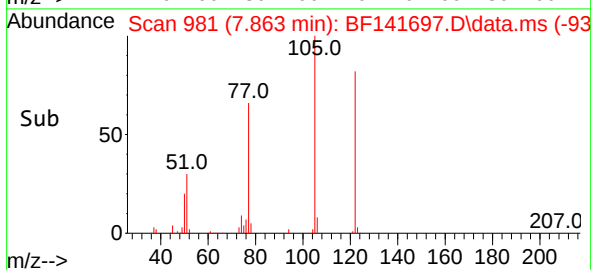
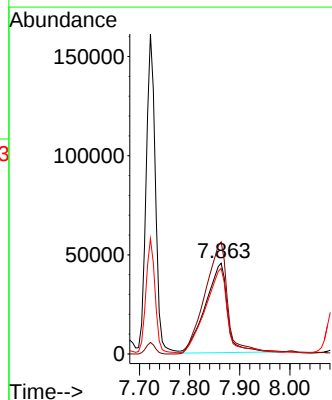
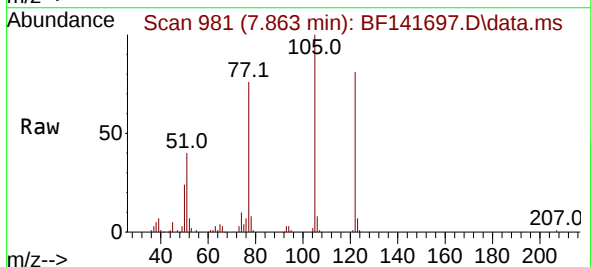
Instrument :
BNA_F
ClientSampleId :
PB166772BS

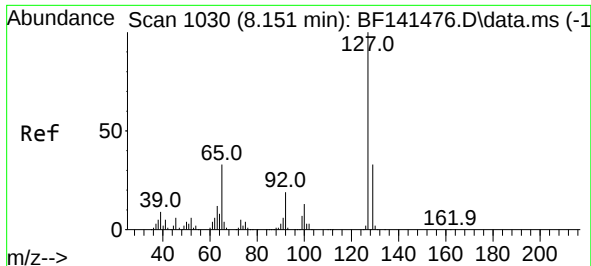
Tgt Ion:128 Resp: 756122
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 36.186 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:122 Resp: 138804
Ion Ratio Lower Upper
122 100
105 123.5 106.5 146.5
77 94.4 76.3 116.3

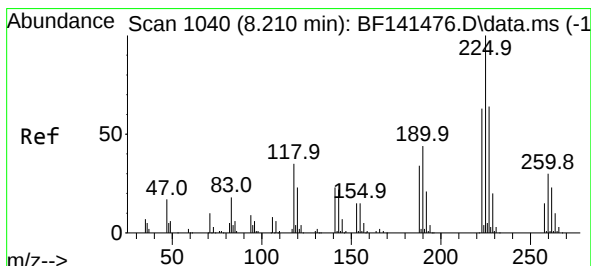
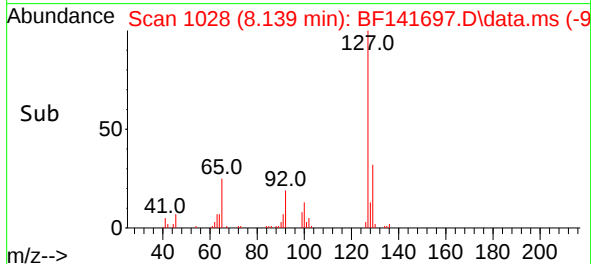
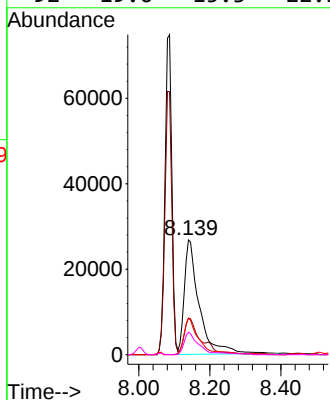
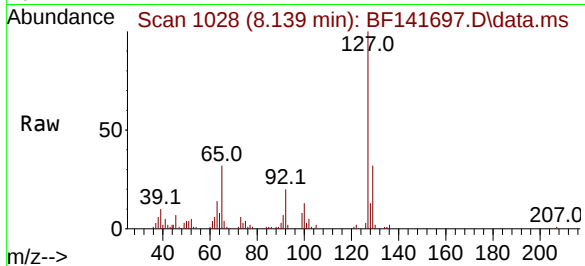




#33
4-Chloroaniline
Concen: 12.602 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

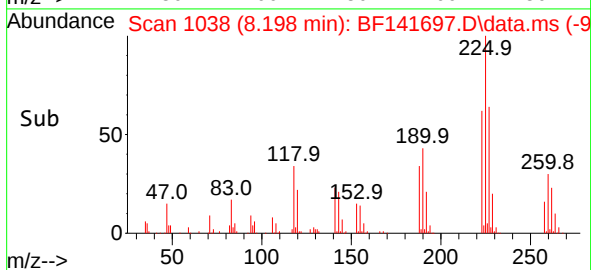
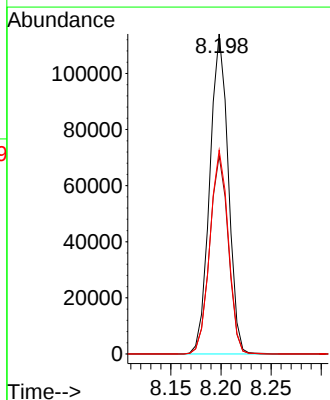
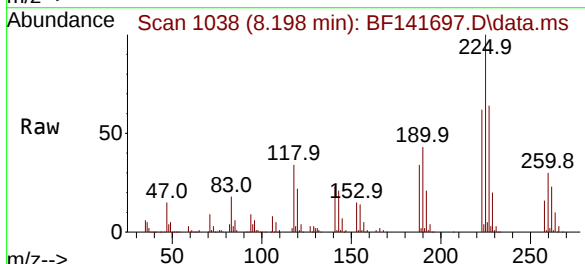
Instrument :
BNA_F
ClientSampleId :
PB166772BS

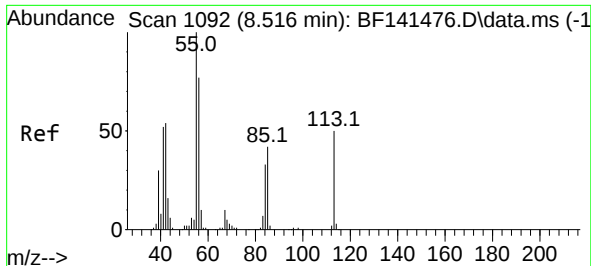
Tgt Ion:	127	Resp:	77839
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.5	39.7
65	31.9	26.4	39.6
92	19.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 44.749 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:	225	Resp:	145970
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	63.7	51.0	76.6

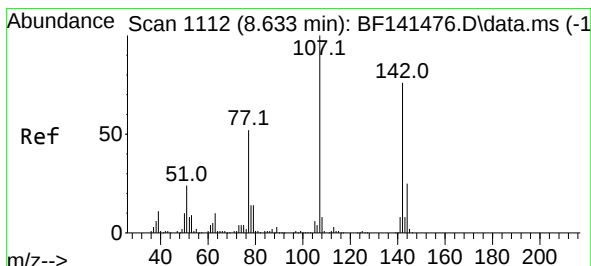
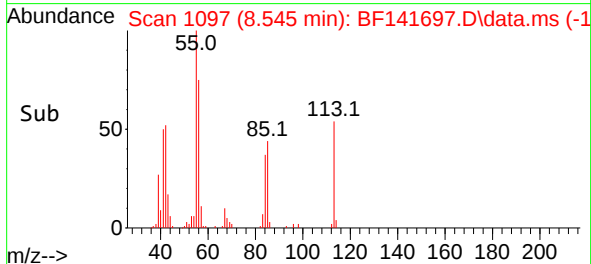
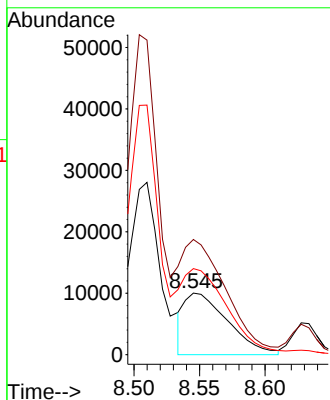
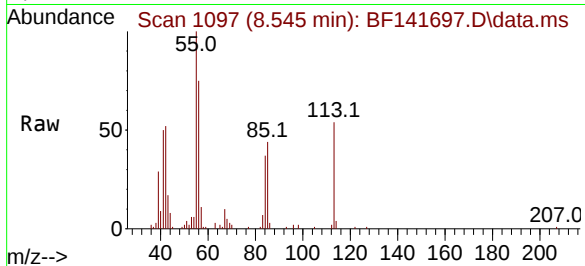




#35
 Caprolactam
 Concen: 15.236 ng
 RT: 8.545 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

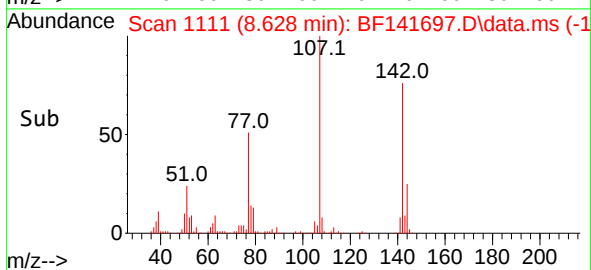
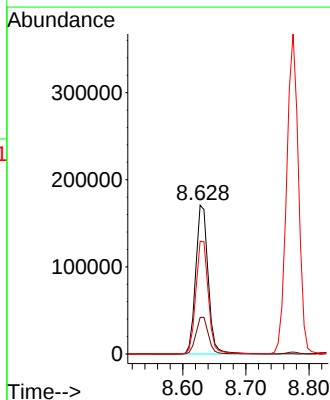
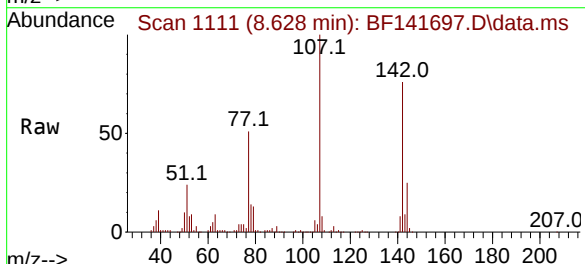
Instrument :
 BNA_F
 ClientSampleId :
 PB166772BS

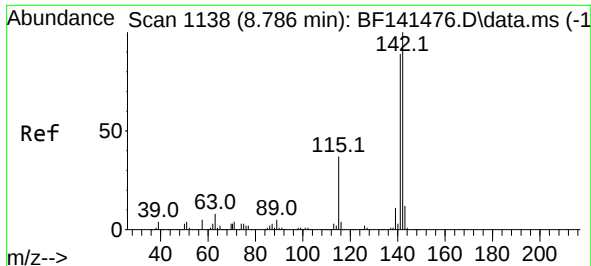
Tgt Ion:113 Resp: 23146
 Ion Ratio Lower Upper
 113 100
 55 186.7 180.8 220.8
 56 139.5 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.307 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

Tgt Ion:107 Resp: 233838
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.7 29.5
 142 75.8 60.8 91.2





#37

2-Methylnaphthalene

Concen: 41.278 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

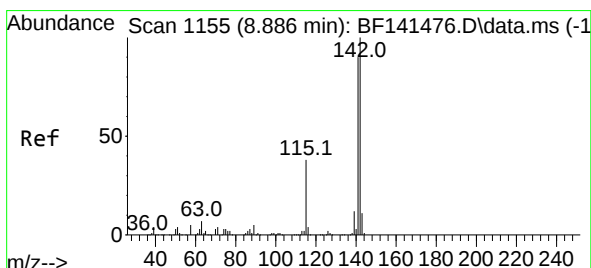
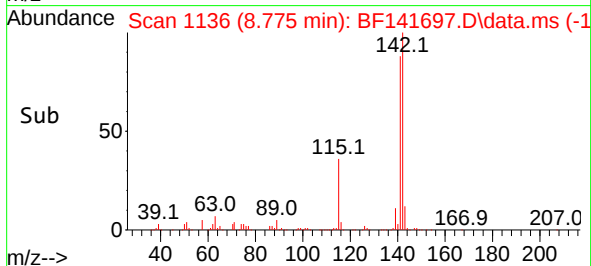
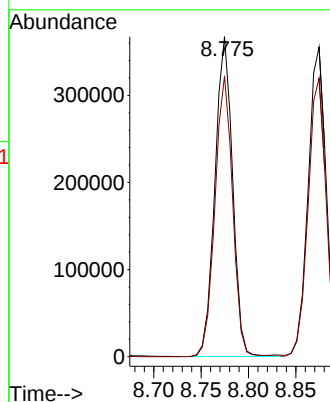
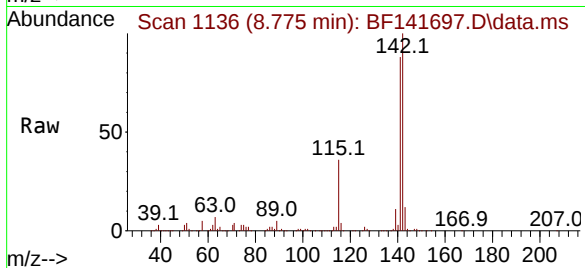
PB166772BS

Tgt Ion:142 Resp: 475194

Ion Ratio Lower Upper

142 100

141 87.8 71.2 106.8



#38

1-Methylnaphthalene

Concen: 41.752 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141697.D

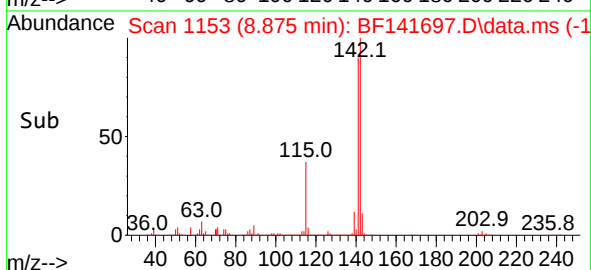
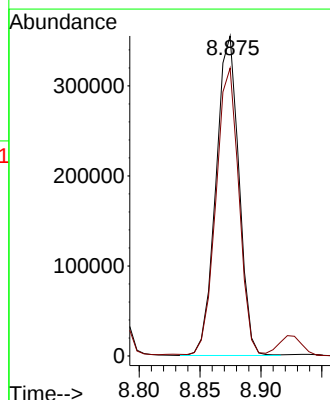
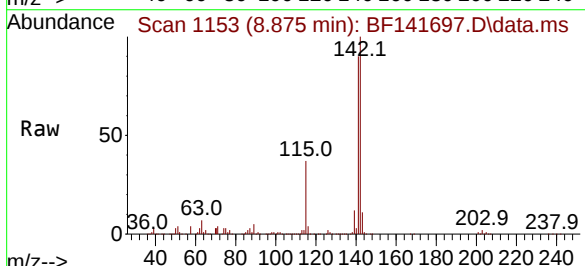
Acq: 20 Feb 2025 12:03

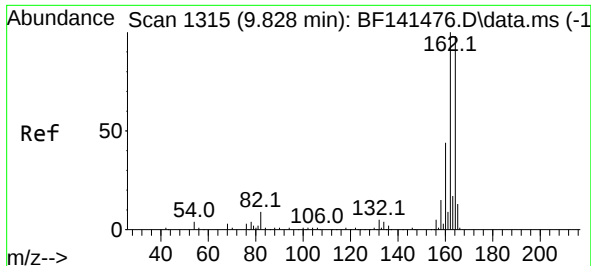
Tgt Ion:142 Resp: 465525

Ion Ratio Lower Upper

142 100

141 90.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1164

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

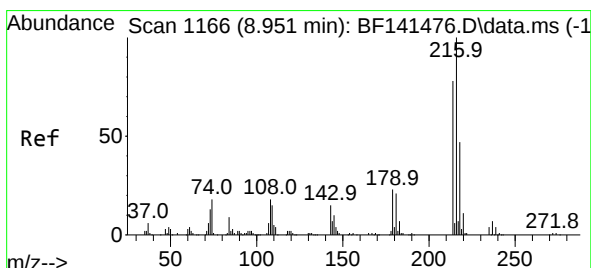
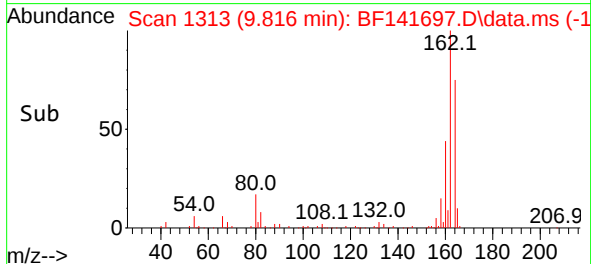
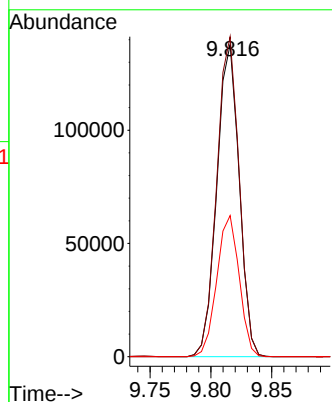
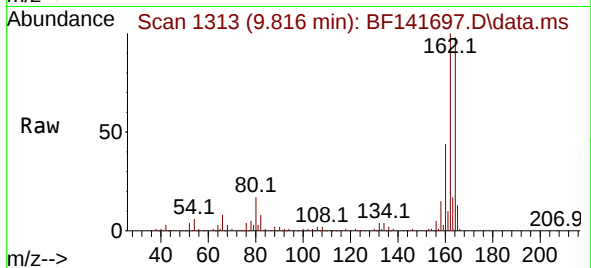
Tgt Ion:164 Resp: 175998

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 45.2 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.776 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Tgt Ion:216 Resp: 258543

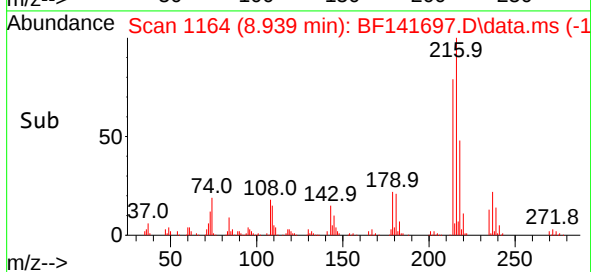
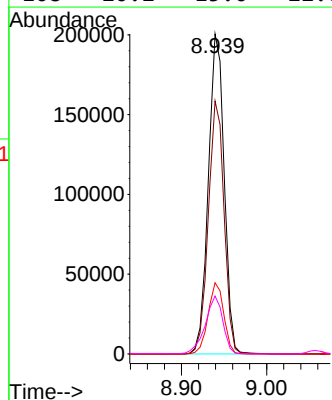
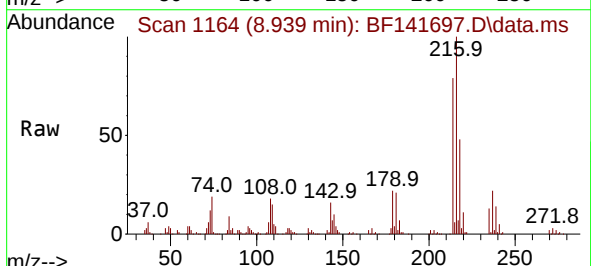
Ion Ratio Lower Upper

216 100

214 78.8 62.3 93.5

179 22.1 18.0 27.0

108 20.2 15.0 22.6

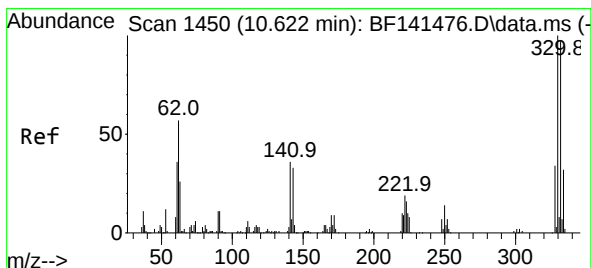
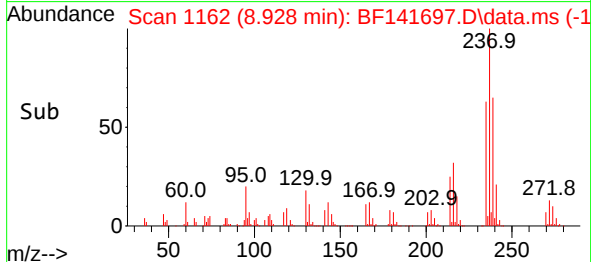
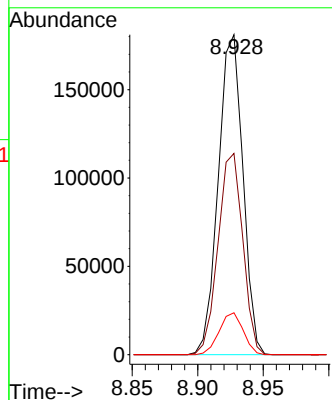
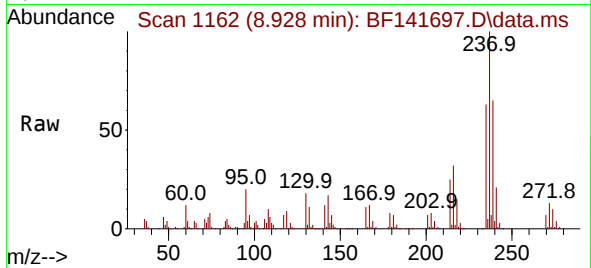




#41
Hexachlorocyclopentadiene
Concen: 139.404 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

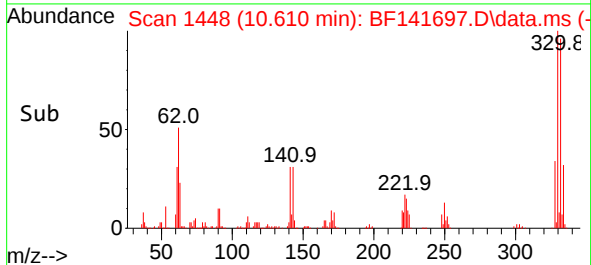
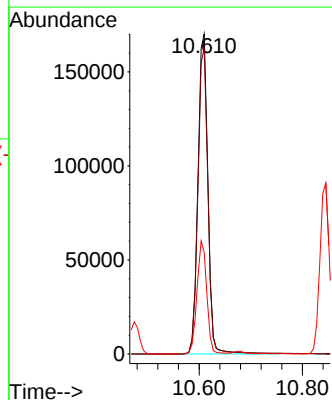
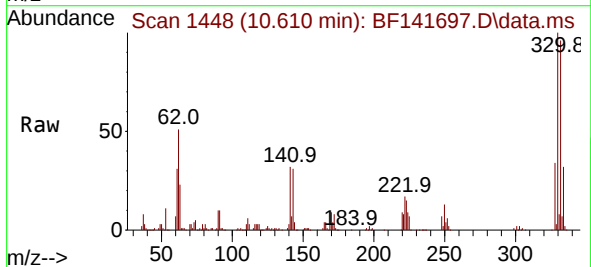
Instrument :
BNA_F
ClientSampleId :
PB166772BS

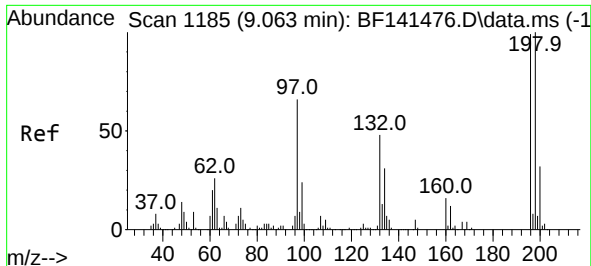
Tgt Ion:237 Resp: 236093
Ion Ratio Lower Upper
237 100
235 62.9 41.4 81.4
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 129.300 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

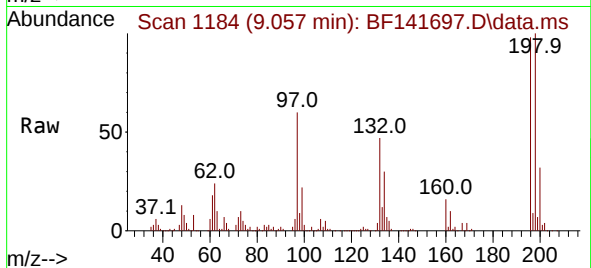
Tgt Ion:330 Resp: 228600
Ion Ratio Lower Upper
330 100
332 95.6 78.5 117.7
141 34.6 31.0 46.4



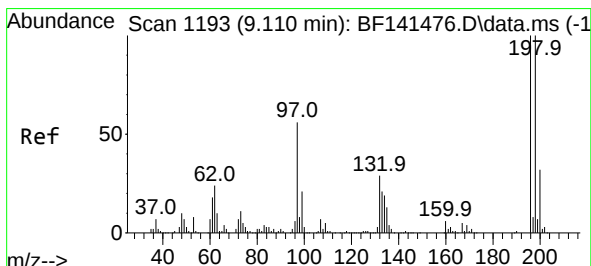
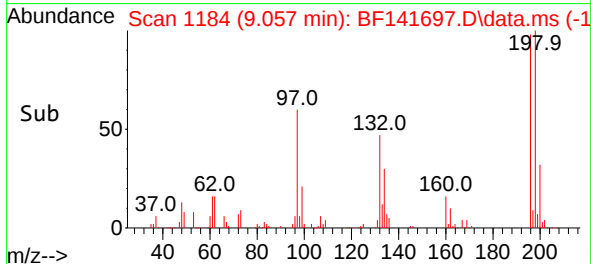
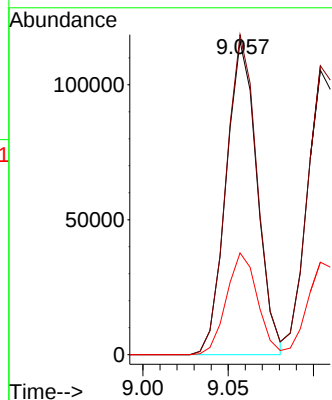


#43
2,4,6-Trichlorophenol
Concen: 44.590 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :
BNA_F
ClientSampleId :
PB166772BS

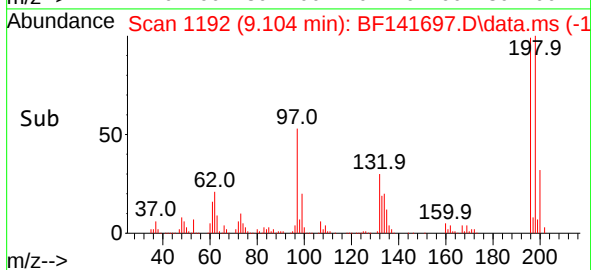
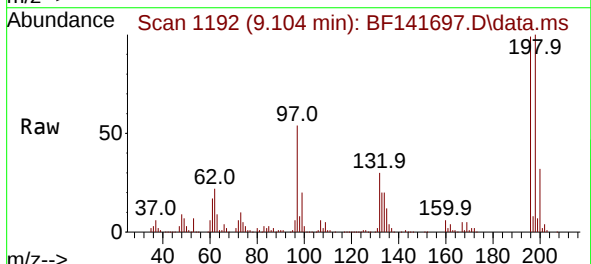
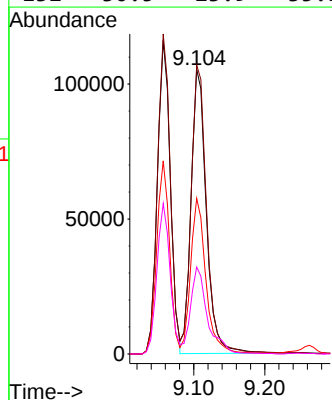


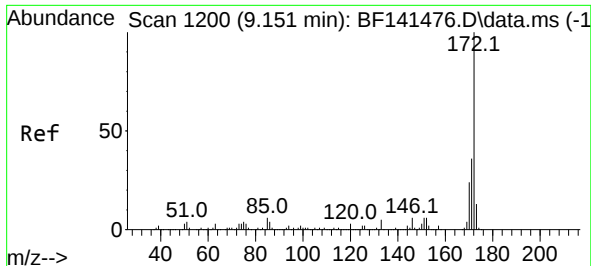
Tgt Ion:196 Resp: 146744
Ion Ratio Lower Upper
196 100
198 102.1 80.6 121.0
200 32.5 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 44.167 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:196 Resp: 157526
Ion Ratio Lower Upper
196 100
198 101.5 79.8 119.8
97 54.7 44.8 67.2
132 30.5 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 94.571 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

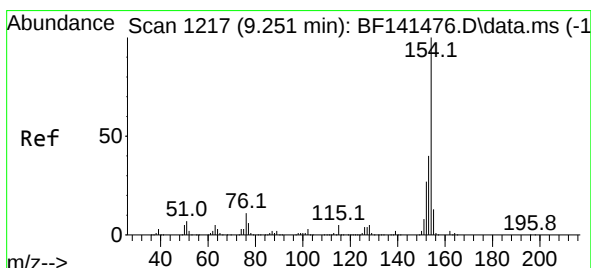
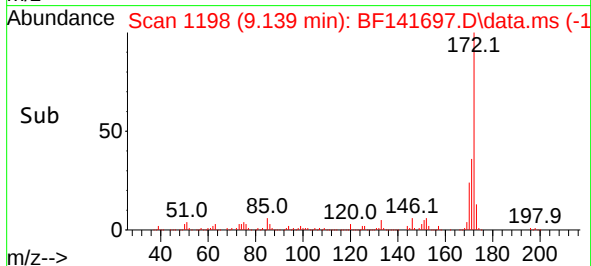
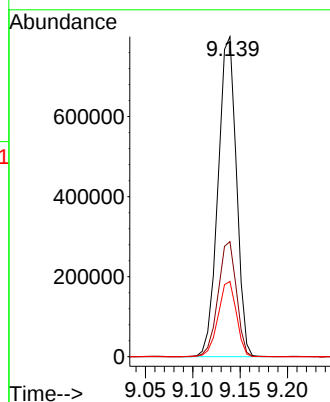
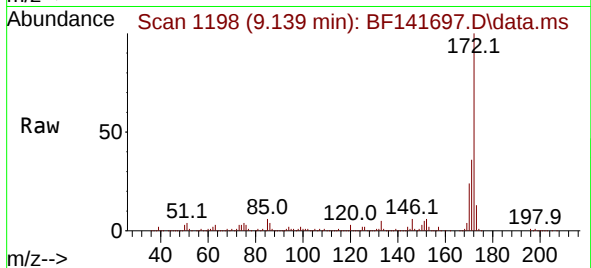
Tgt Ion:172 Resp: 1080350

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.743 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

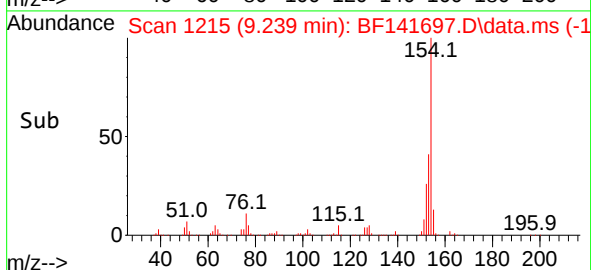
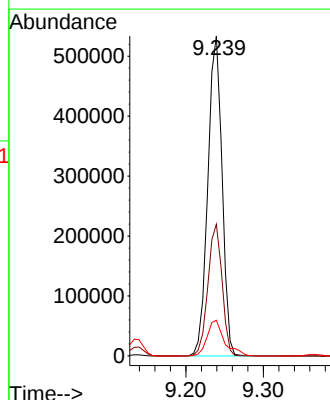
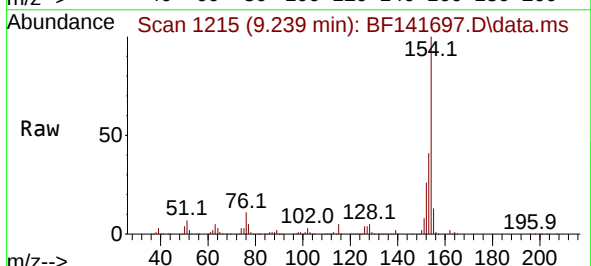
Tgt Ion:154 Resp: 678732

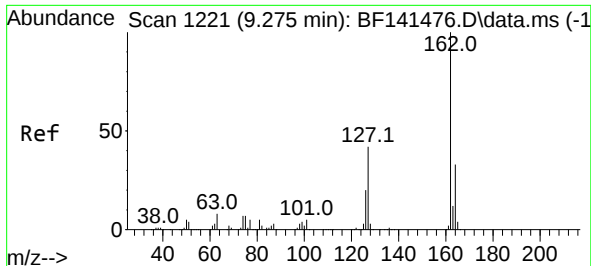
Ion Ratio Lower Upper

154 100

153 41.2 20.4 60.4

76 11.1 0.0 30.8

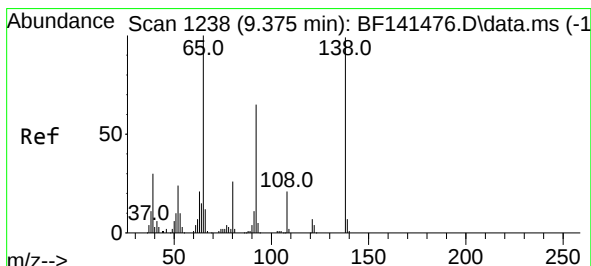
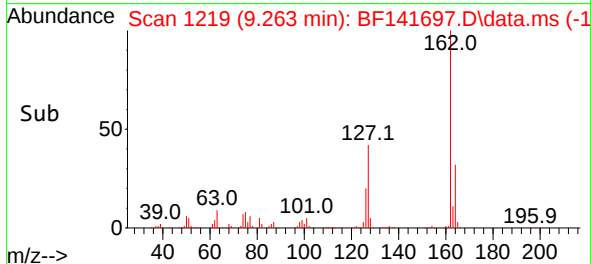
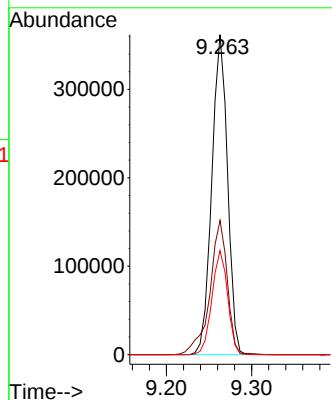
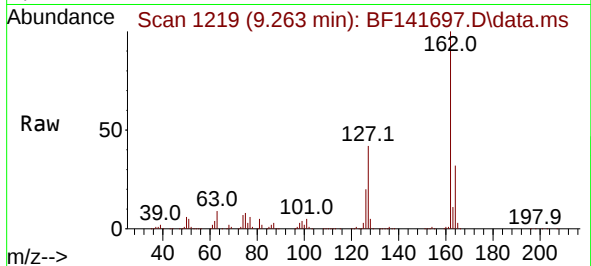




#47
2-Chloronaphthalene
Concen: 46.106 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

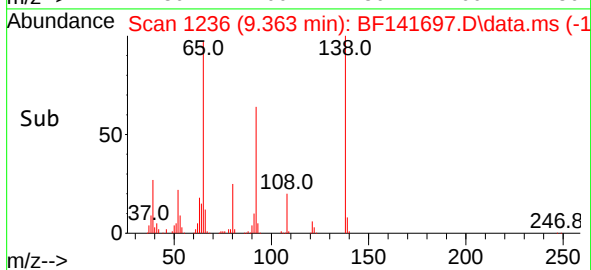
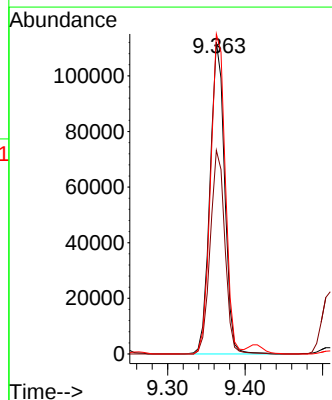
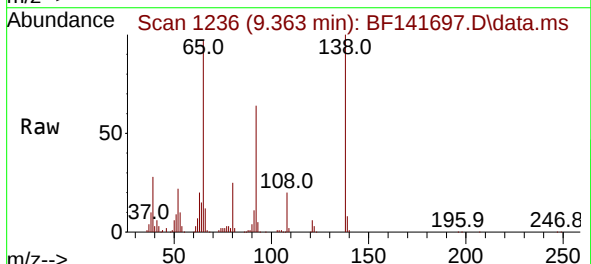
Instrument :
BNA_F
ClientSampleId :
PB166772BS

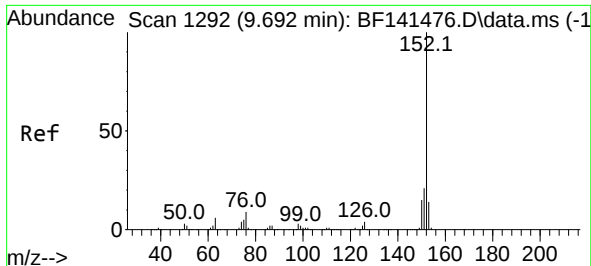
Tgt Ion:162 Resp: 465210
Ion Ratio Lower Upper
162 100
127 41.9 34.1 51.1
164 32.5 26.3 39.5



#48
2-Nitroaniline
Concen: 43.340 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion: 65 Resp: 146756
Ion Ratio Lower Upper
65 100
92 65.3 52.2 78.2
138 102.6 79.5 119.3





#49

Acenaphthylene

Concen: 46.498 ng

RT: 9.675 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

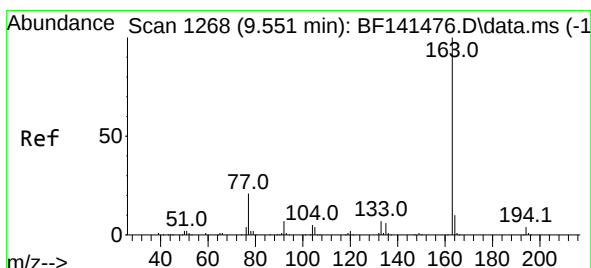
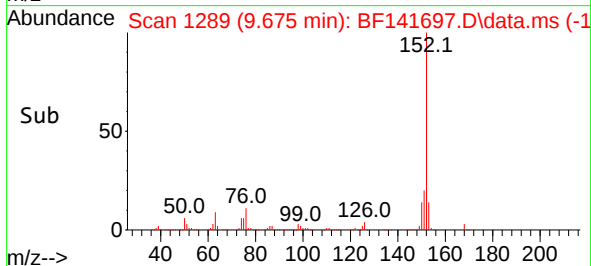
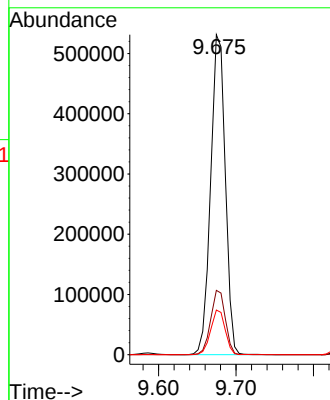
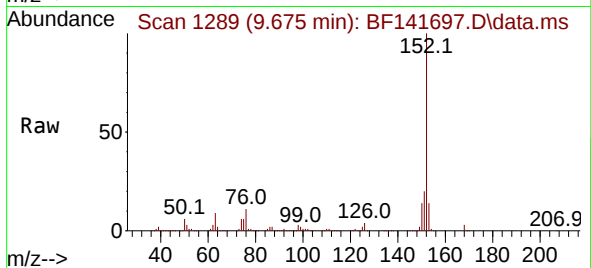
Tgt Ion:152 Resp: 697830

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 45.507 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

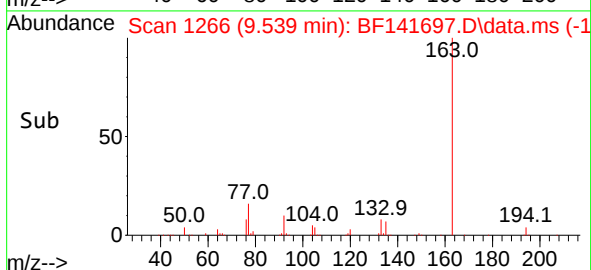
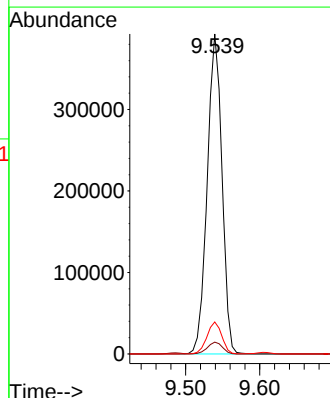
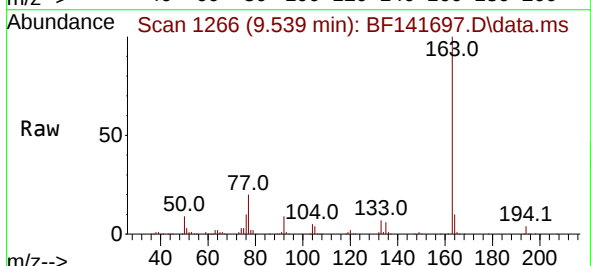
Tgt Ion:163 Resp: 543725

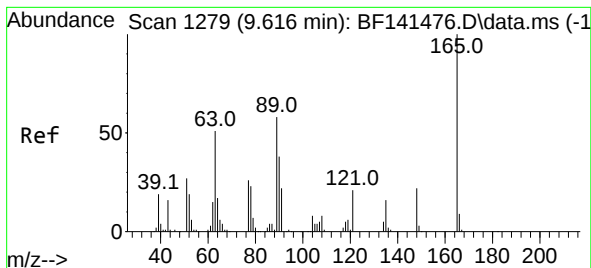
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.0 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 45.162 ng

RT: 9.604 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

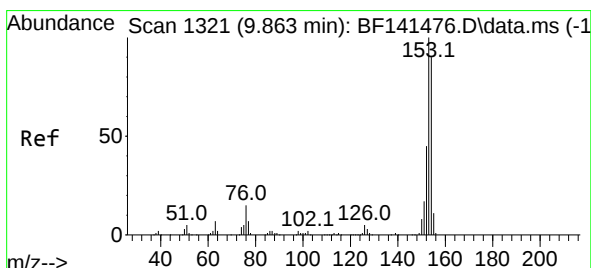
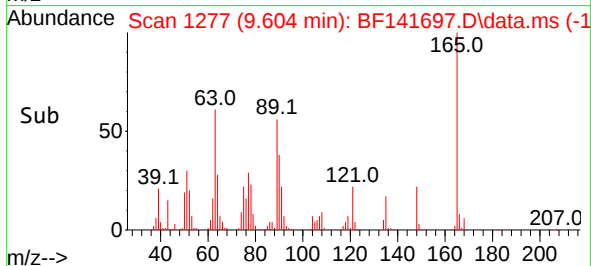
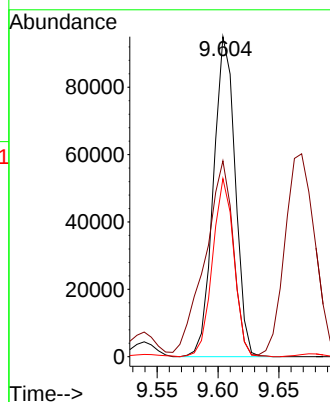
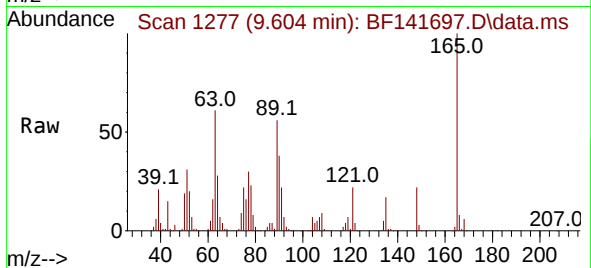
Tgt Ion:165 Resp: 117961

Ion Ratio Lower Upper

165 100

63 61.2 49.4 74.0

89 55.7 46.5 69.7



#52

Acenaphthene

Concen: 43.870 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

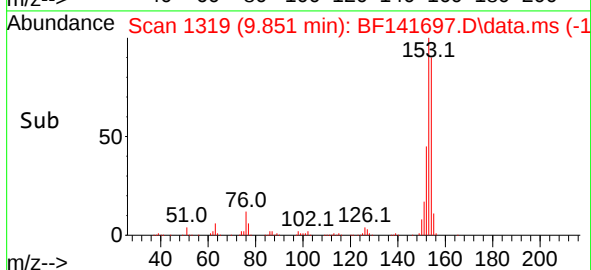
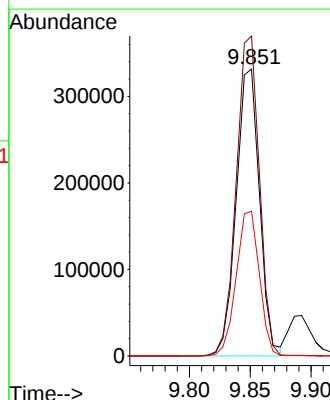
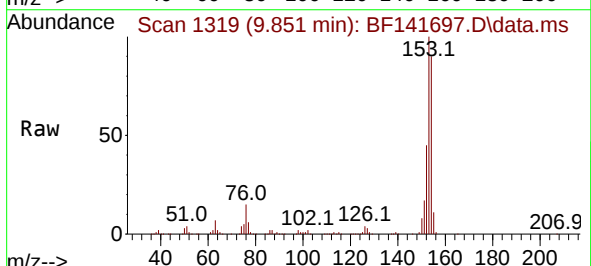
Tgt Ion:154 Resp: 442627

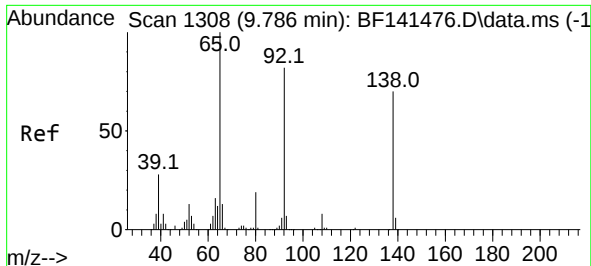
Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

152 50.5 39.8 59.8

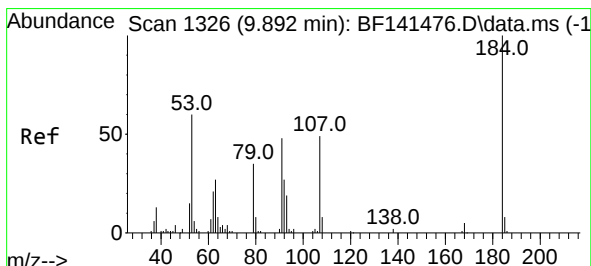
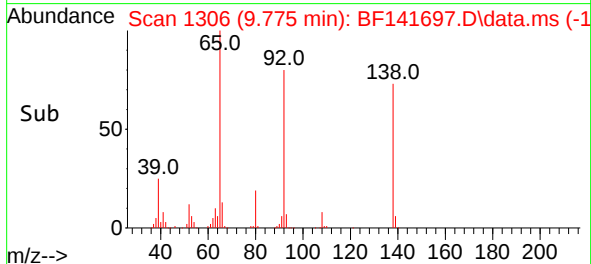
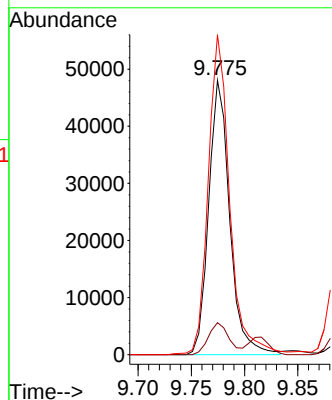
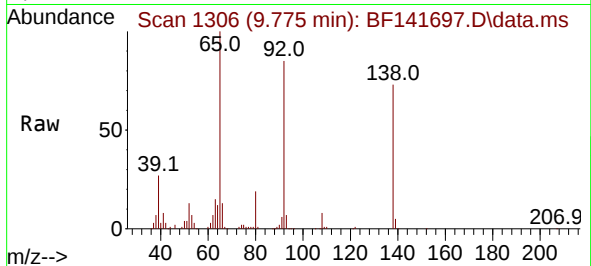




#53
3-Nitroaniline
Concen: 23.507 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

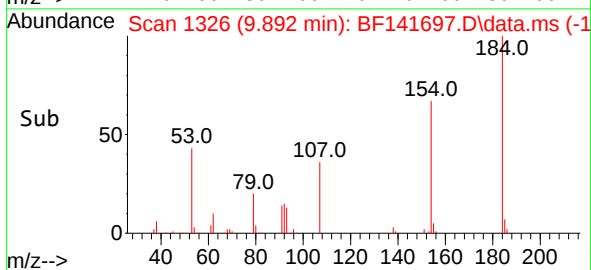
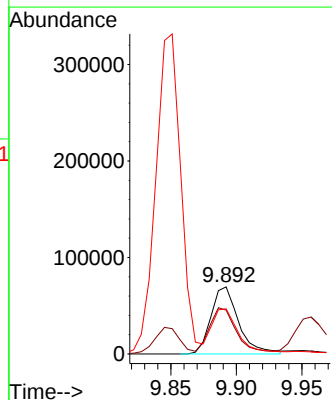
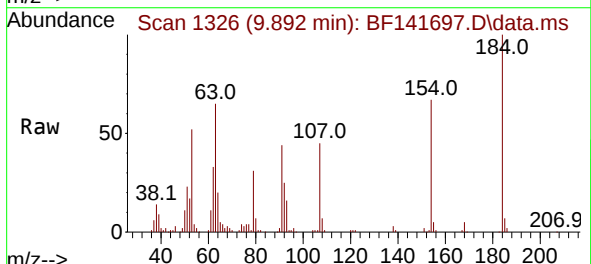
Instrument :
BNA_F
ClientSampleId :
PB166772BS

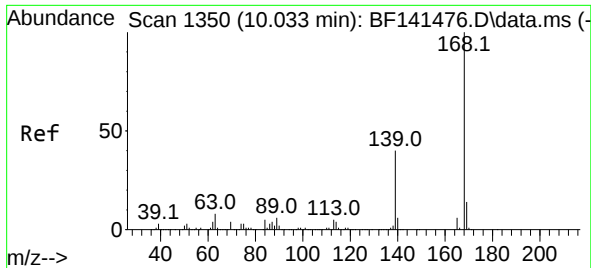
Tgt Ion:138 Resp: 66082
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 116.6 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 65.792 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:184 Resp: 102131
Ion Ratio Lower Upper
184 100
63 65.4 61.0 91.6
154 67.3 59.9 89.9

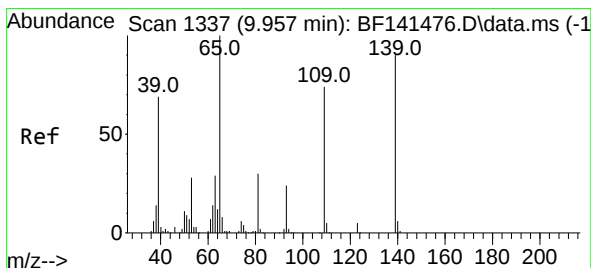
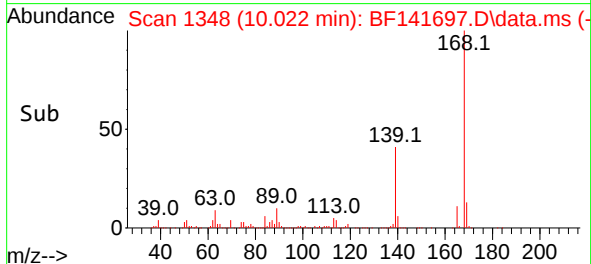
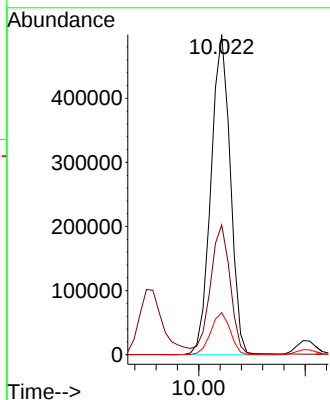
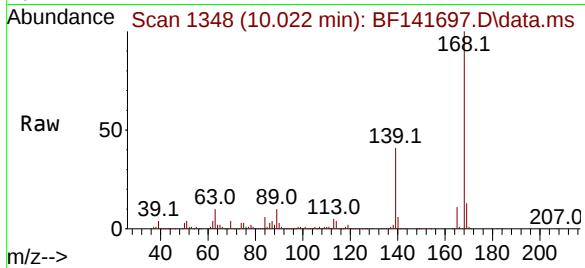




#55
Dibenzenofuran
Concen: 42.399 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

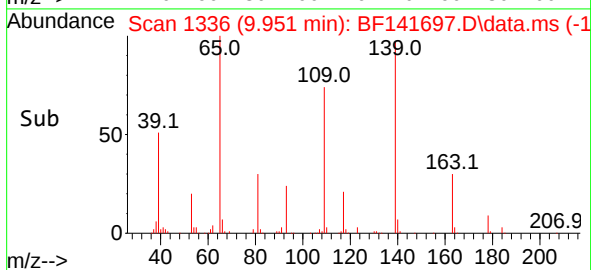
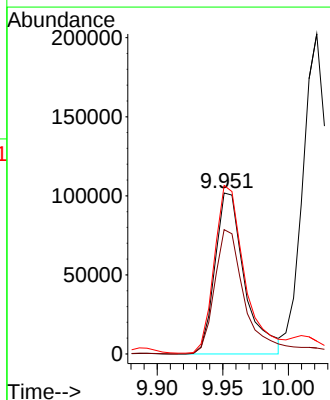
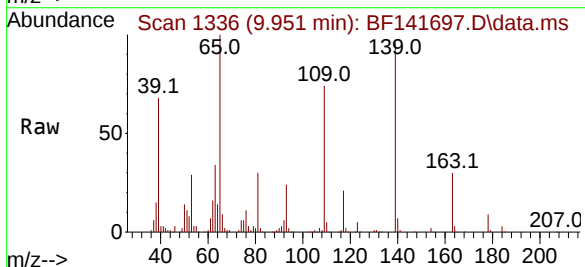
Instrument :
BNA_F
ClientSampleId :
PB166772BS

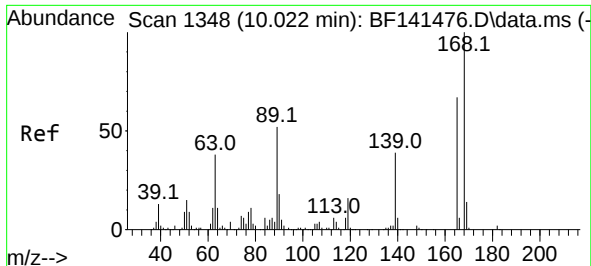
Tgt Ion:168 Resp: 627906
Ion Ratio Lower Upper
168 100
139 40.5 32.7 49.1
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 76.625 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:139 Resp: 159906
Ion Ratio Lower Upper
139 100
109 77.2 62.0 102.0
65 104.6 91.2 131.2

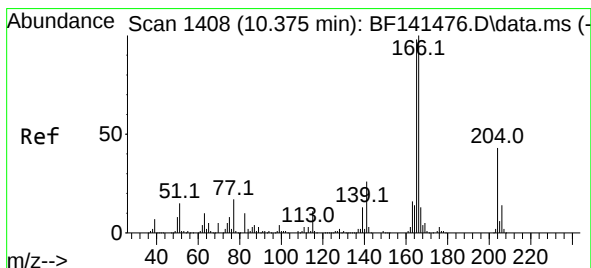
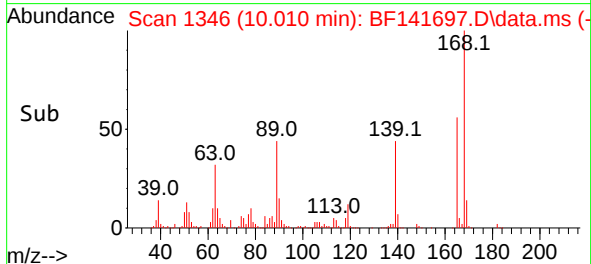
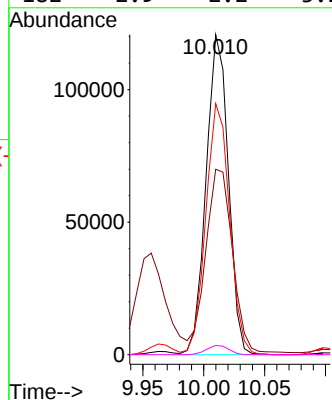
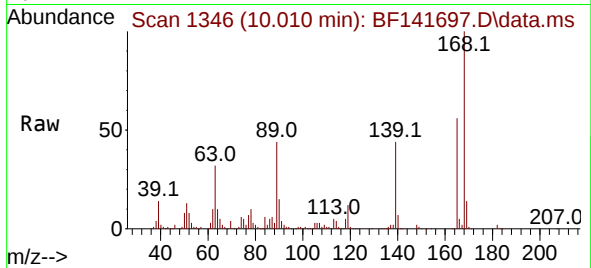




#57
2,4-Dinitrotoluene
Concen: 44.060 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

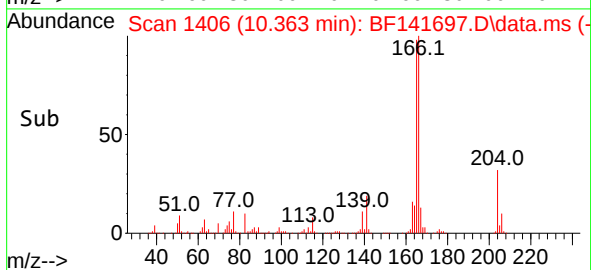
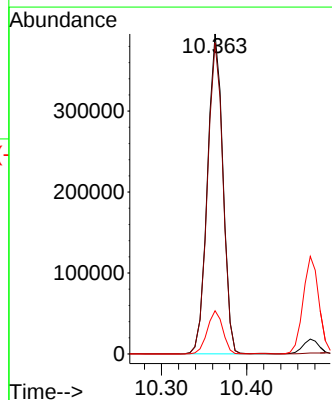
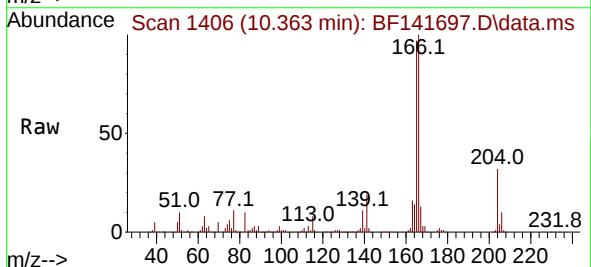
Instrument :
BNA_F
ClientSampleId :
PB166772BS

Tgt Ion:165 Resp: 153202
Ion Ratio Lower Upper
165 100
63 58.0 46.4 69.6
89 78.4 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 43.605 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:166 Resp: 499308
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.2
167 13.5 10.7 16.1

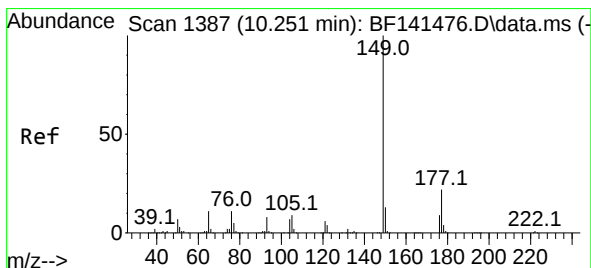
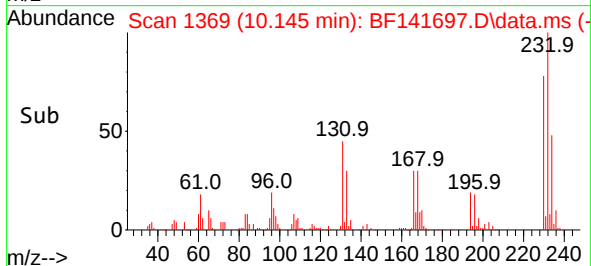
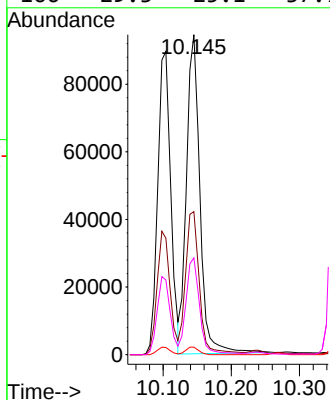
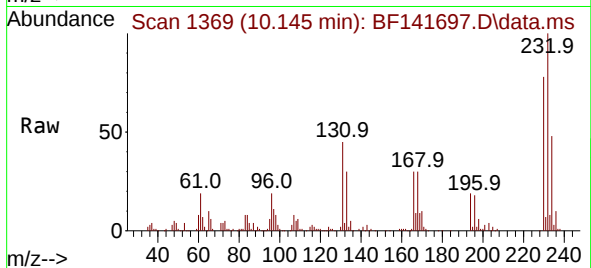




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.989 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

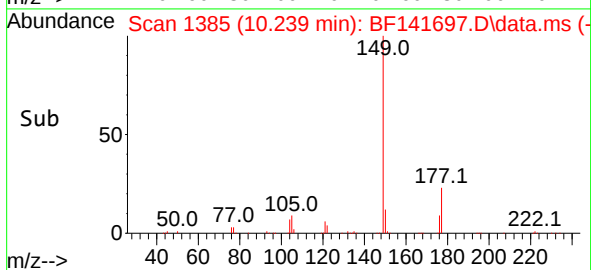
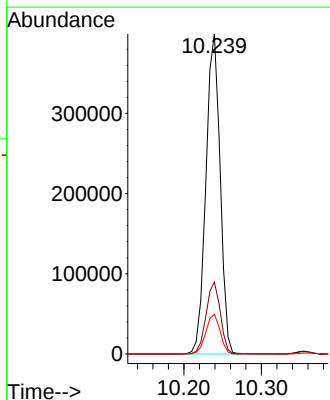
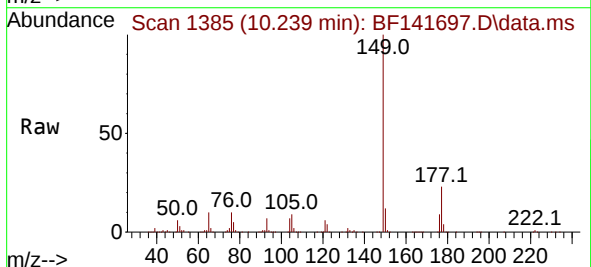
Instrument :
BNA_F
ClientSampleId :
PB166772BS

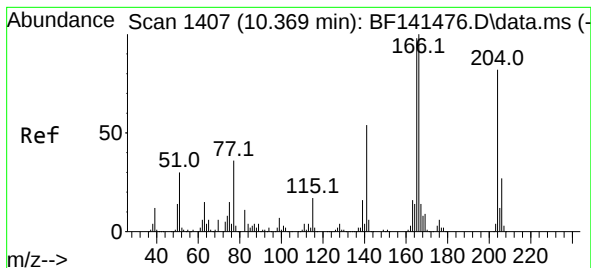
Tgt Ion:232 Resp: 128933
Ion Ratio Lower Upper
232 100
131 44.3 39.2 58.8
130 2.3 2.1 3.1
166 29.3 25.1 37.7



#60
Diethylphthalate
Concen: 43.211 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:149 Resp: 507969
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 12.4 10.1 15.1

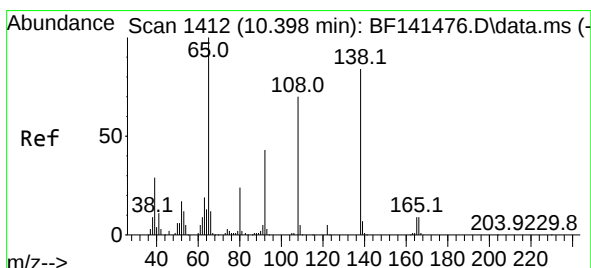
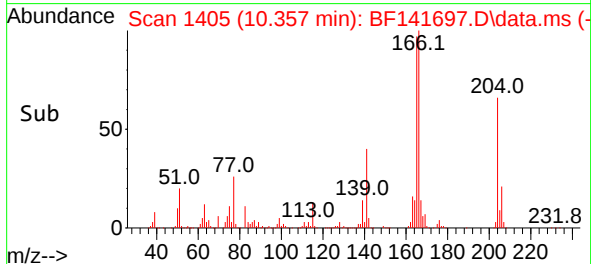
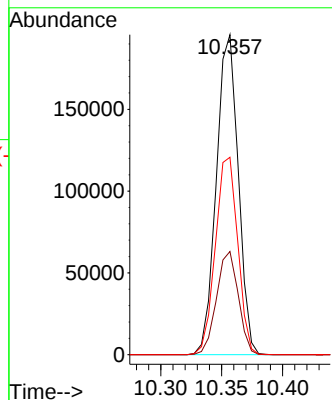
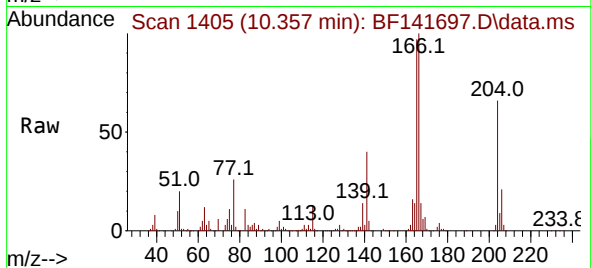




#61
4-Chlorophenyl-phenylether
Concen: 44.522 ng
RT: 10.357 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

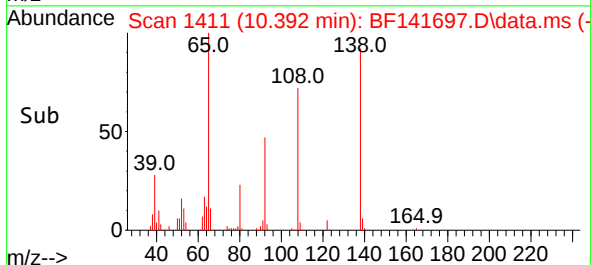
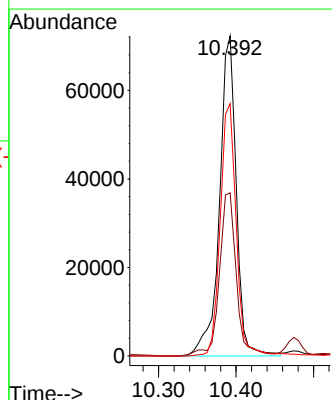
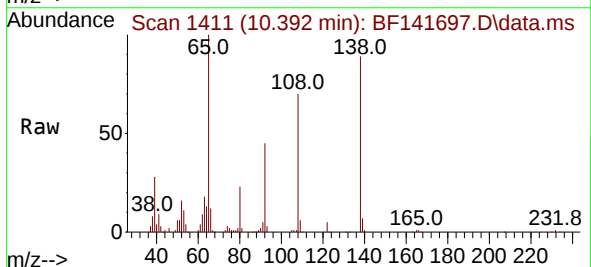
Instrument :
BNA_F
ClientSampleId :
PB166772BS

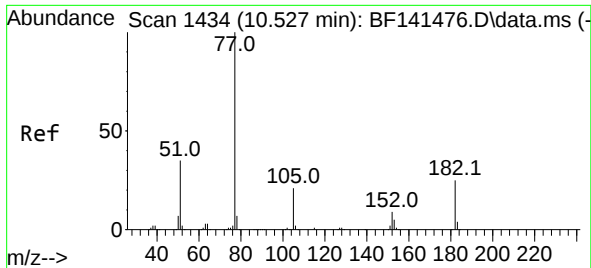
Tgt Ion:204 Resp: 245262
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 61.7 51.9 77.9



#62
4-Nitroaniline
Concen: 38.112 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:138 Resp: 108793
Ion Ratio Lower Upper
138 100
92 51.0 31.3 71.3
108 78.8 63.7 103.7

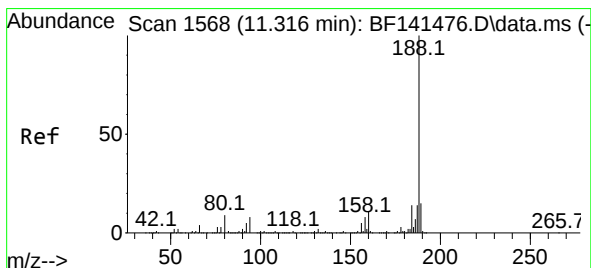
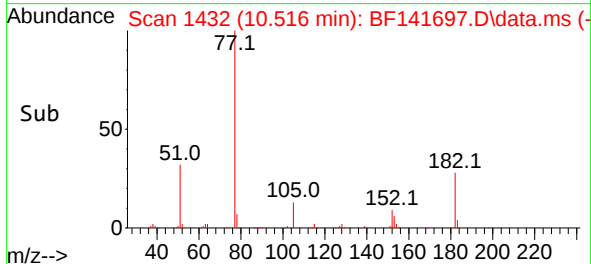
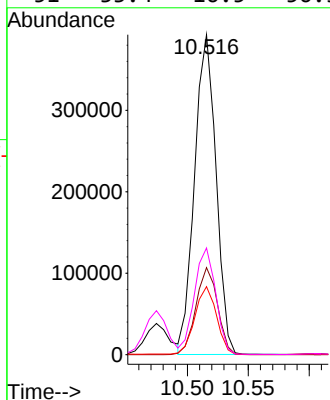
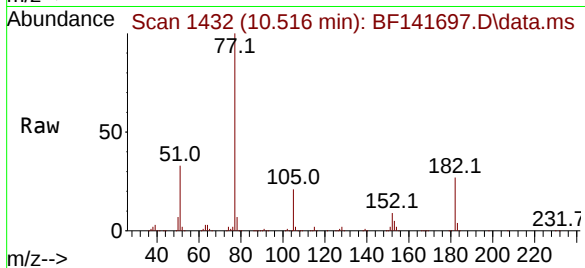




#63
Azobenzene
Concen: 41.109 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

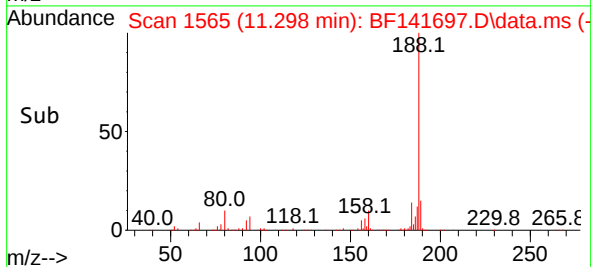
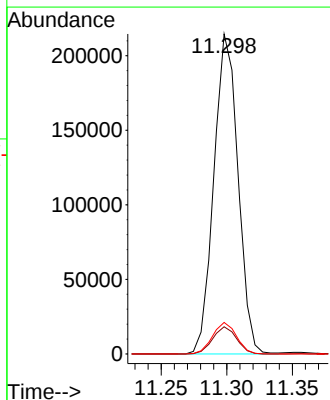
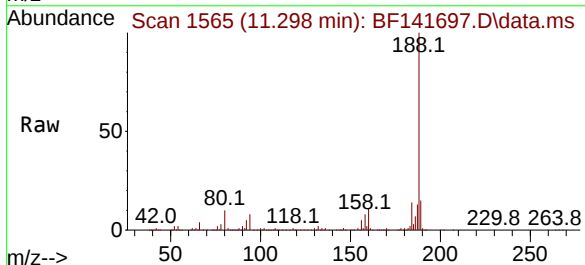
Instrument :
BNA_F
ClientSampleId :
PB166772BS

Tgt	Ion: 77	Resp: 480413	
	Ratio	Lower	Upper
77	100		
182	27.2	4.7	44.7
105	21.2	0.4	40.4
51	33.4	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:188	Resp: 274767
Ion Ratio	Lower Upper
188 100	
94 8.5	6.6 10.0
80 9.9	7.3 10.9

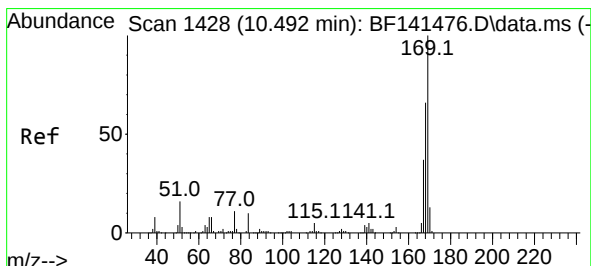
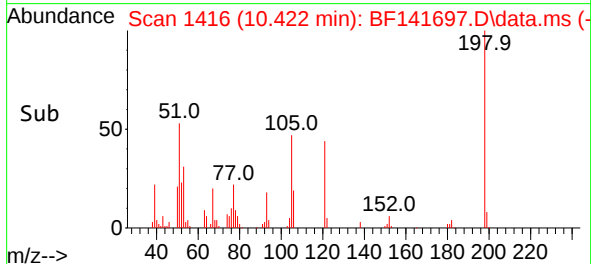
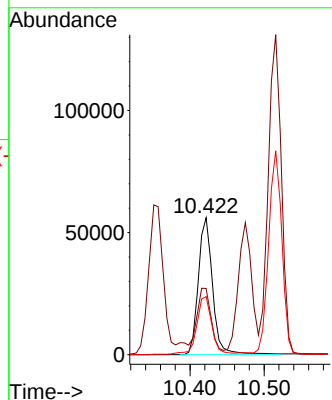
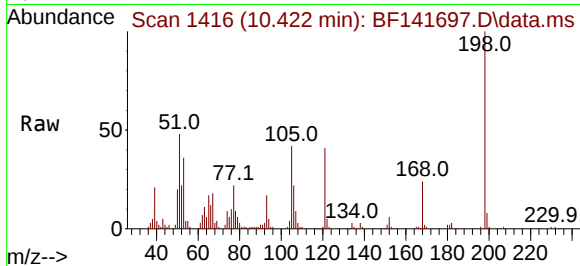




#65
4,6-Dinitro-2-methylphenol
Concen: 39.389 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

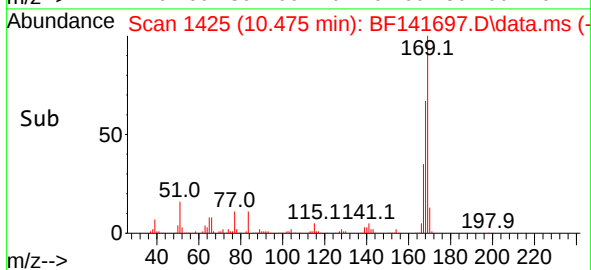
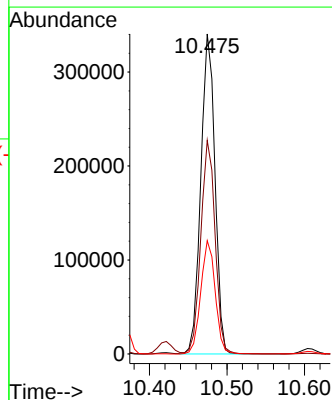
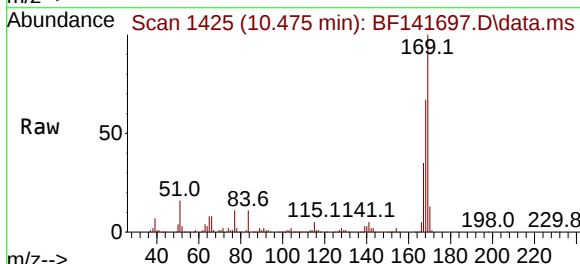
Instrument :
BNA_F
ClientSampleId :
PB166772BS

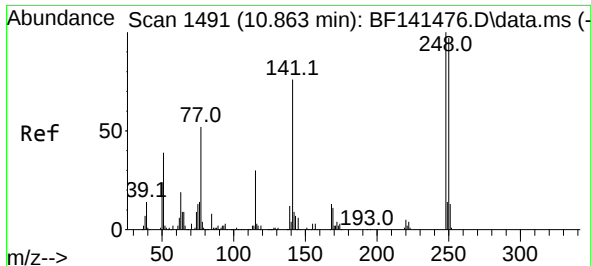
Tgt Ion:198 Resp: 75181
Ion Ratio Lower Upper
198 100
51 48.4 37.4 77.4
105 42.4 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 49.085 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:169 Resp: 431732
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 35.4 29.4 44.2

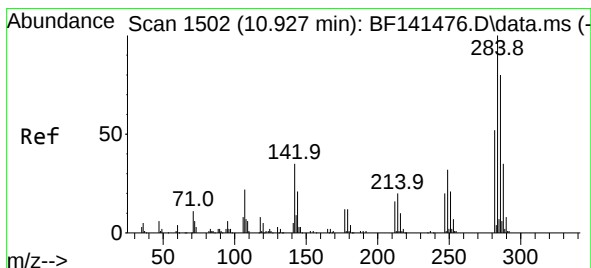
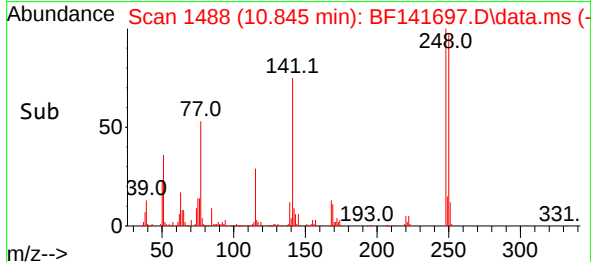
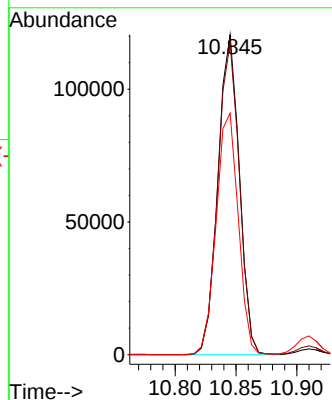
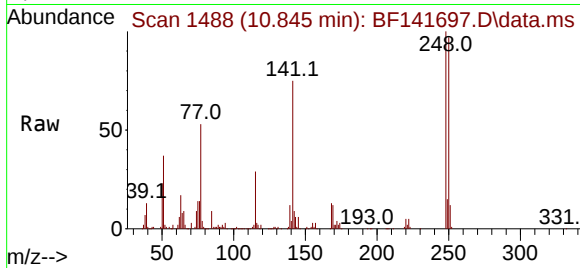




#67
4-Bromophenyl-phenylether
Concen: 48.073 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

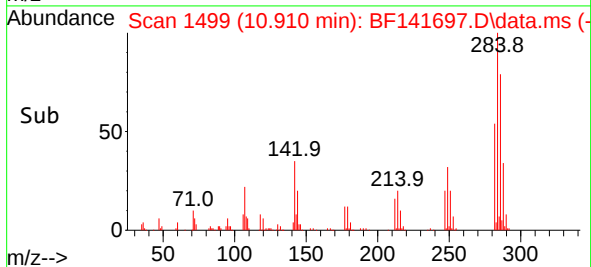
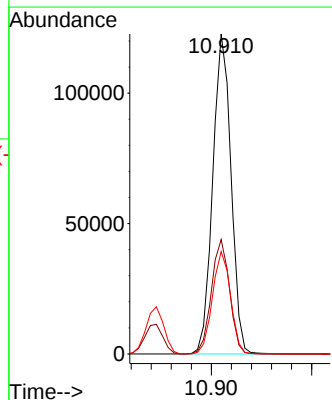
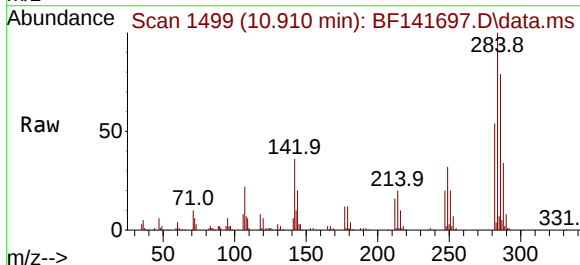
Instrument :
BNA_F
ClientSampleId :
PB166772BS

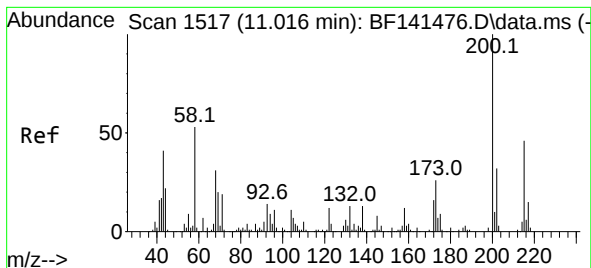
Tgt Ion:248 Resp: 147626
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 75.4 60.6 90.8



#68
Hexachlorobenzene
Concen: 49.039 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:284 Resp: 155070
Ion Ratio Lower Upper
284 100
142 35.8 28.0 42.0
249 32.0 25.8 38.8





#69

Atrazine

Concen: 58.680 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

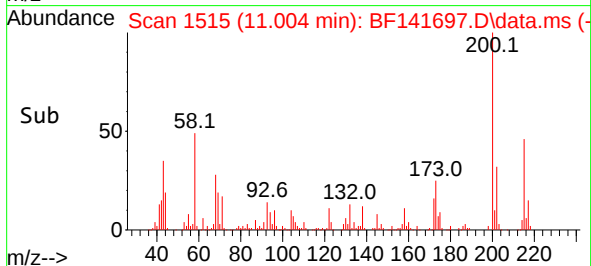
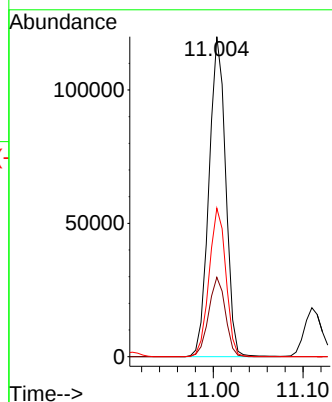
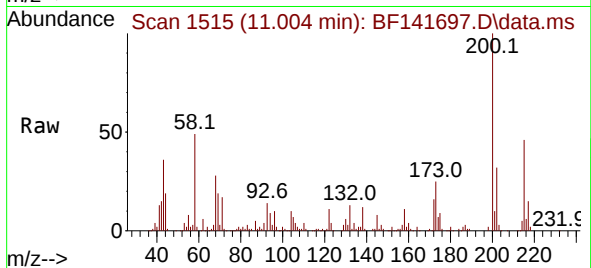
Tgt Ion:200 Resp: 154838

Ion Ratio Lower Upper

200 100

173 24.8 5.9 45.9

215 46.4 25.9 65.9



#70

Pentachlorophenol

Concen: 70.680 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

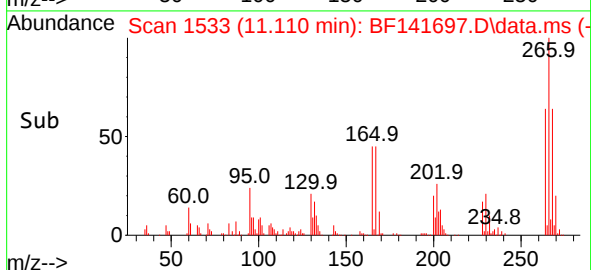
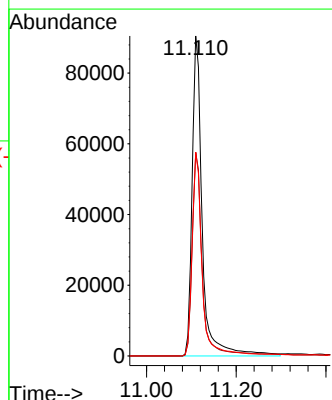
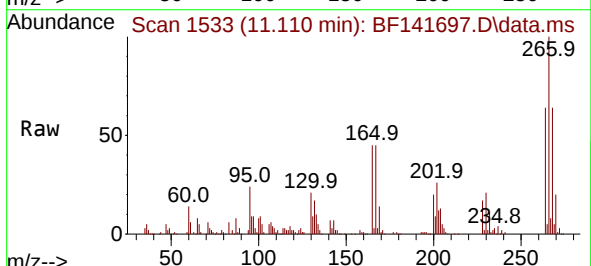
Tgt Ion:266 Resp: 142913

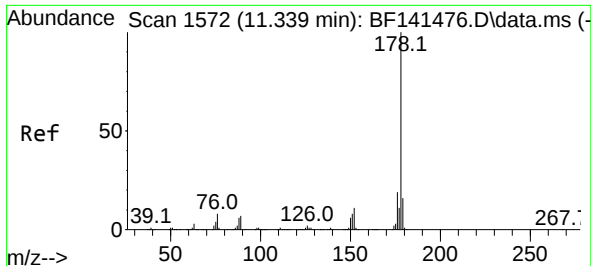
Ion Ratio Lower Upper

266 100

268 63.6 50.1 75.1

264 63.7 50.1 75.1

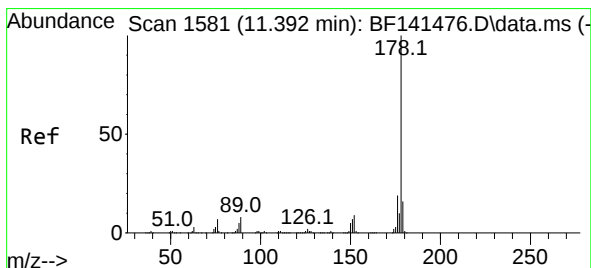
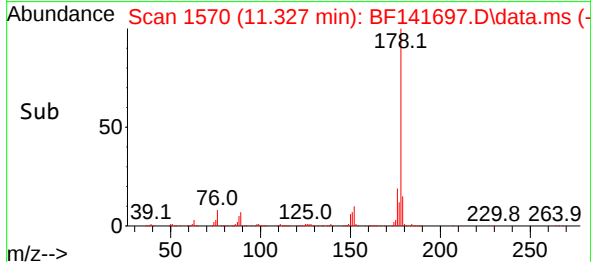
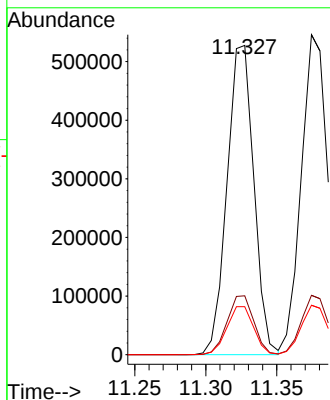
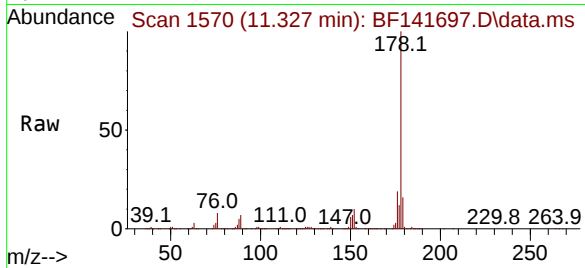




#71
Phenanthrene
Concen: 45.839 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

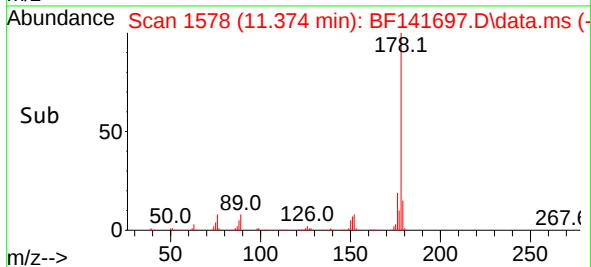
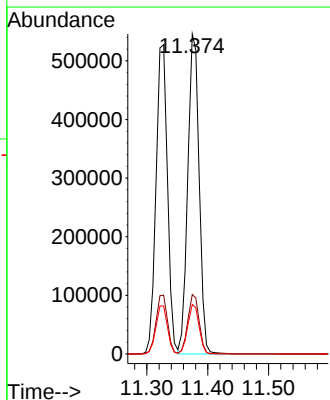
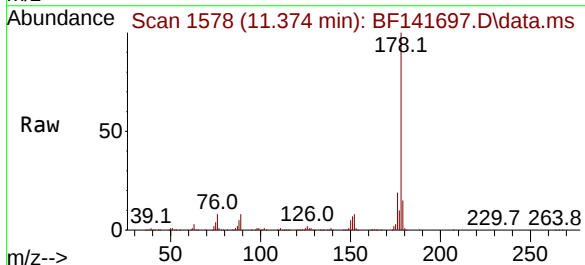
Instrument :
BNA_F
ClientSampleId :
PB166772BS

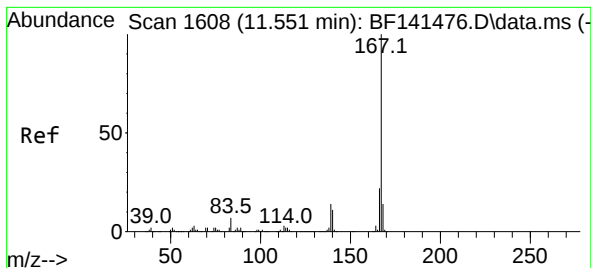
Tgt Ion:178 Resp: 693309
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 46.710 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:178 Resp: 710171
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.4 18.6





#73

Carbazole

Concen: 43.383 ng

RT: 11.533 min Scan# 1605

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

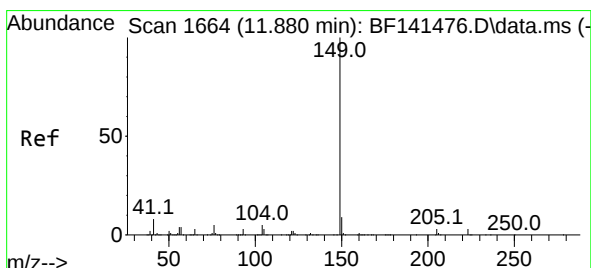
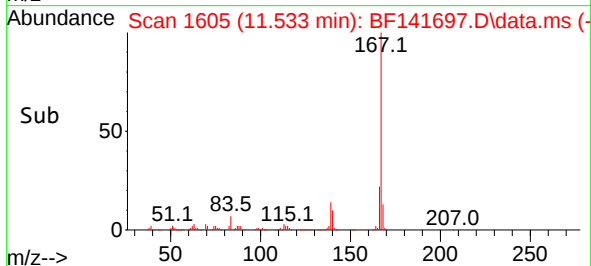
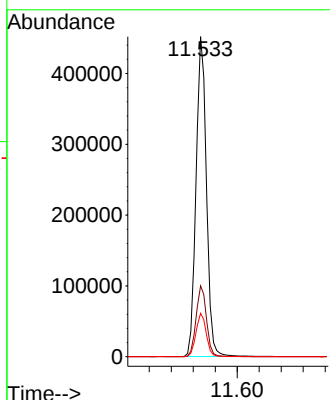
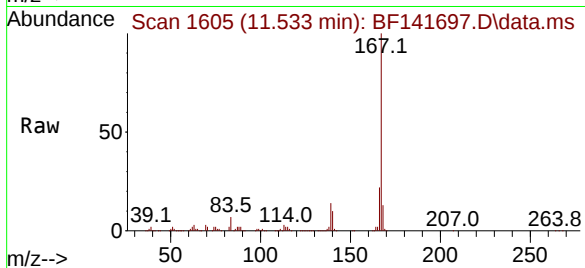
Tgt Ion:167 Resp: 593490

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 45.278 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

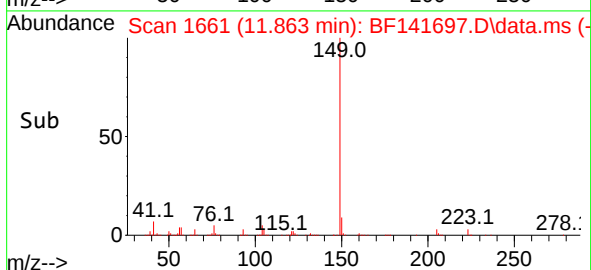
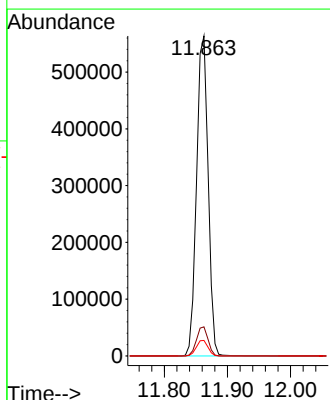
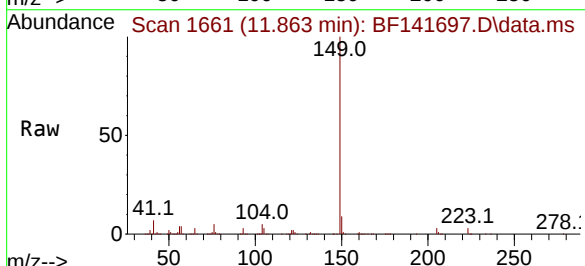
Tgt Ion:149 Resp: 715228

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

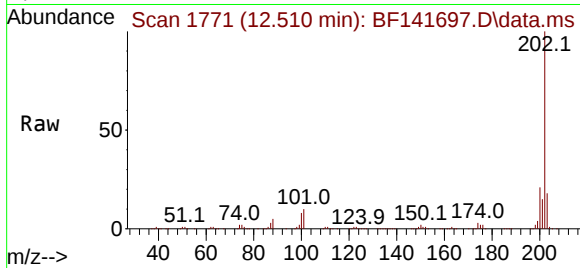
104 4.8 4.2 6.2



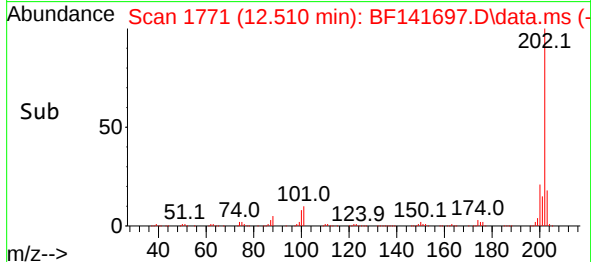
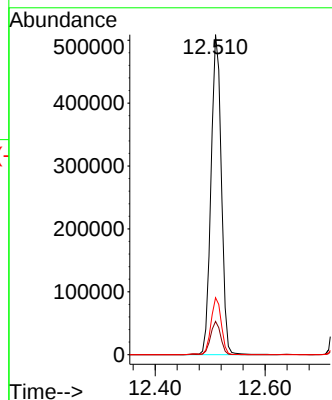


#75
Fluoranthene
Concen: 41.262 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :
BNA_F
ClientSampleId :
PB166772BS

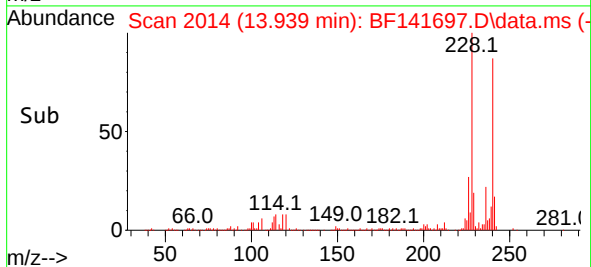
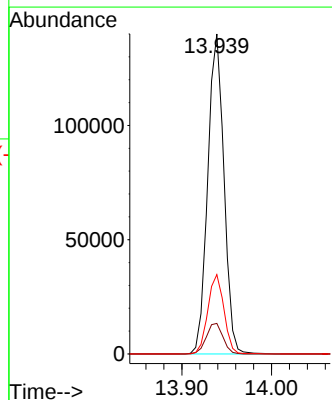
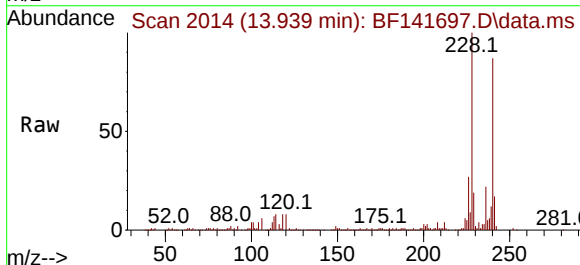


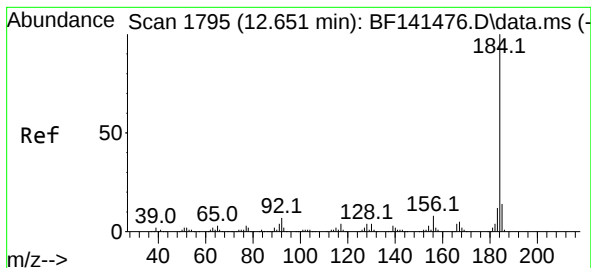
Tgt Ion:202 Resp: 661644
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:240 Resp: 175579
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 24.8 19.8 29.8





#77

Benzidine

Concen: 39.641 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

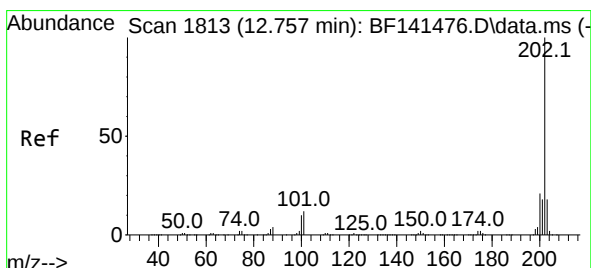
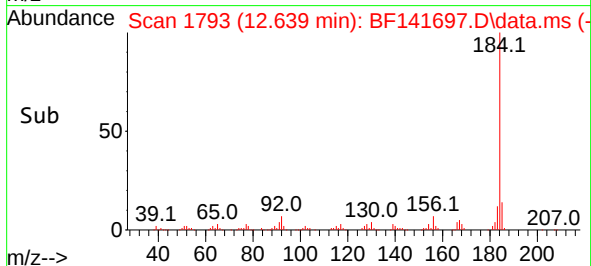
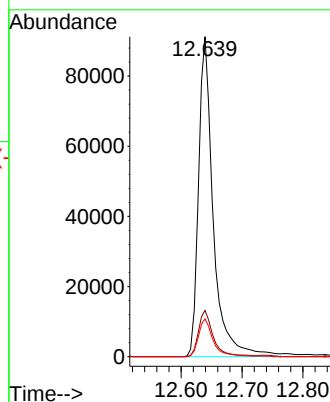
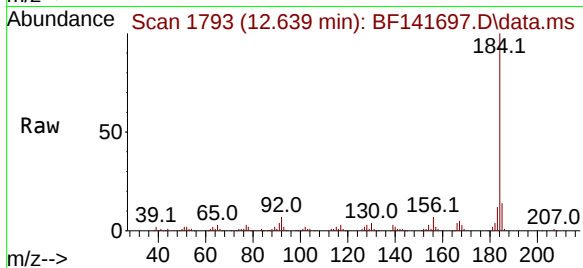
Tgt Ion:184 Resp: 153500

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

183 11.8 9.3 13.9



#78

Pyrene

Concen: 44.657 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.023 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

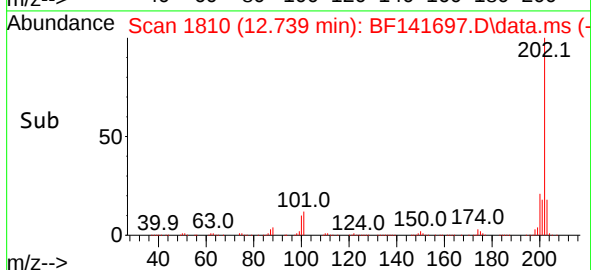
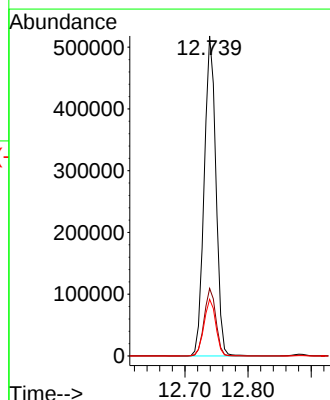
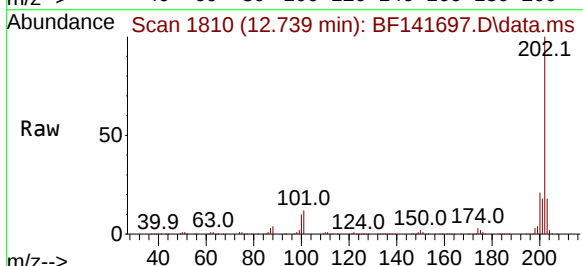
Tgt Ion:202 Resp: 667462

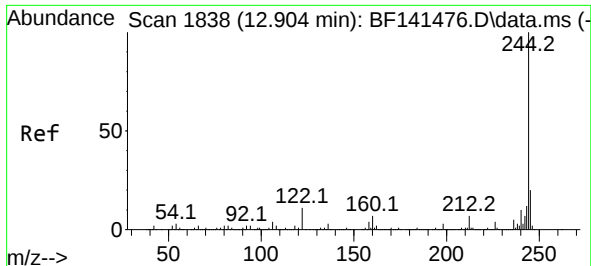
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.7 14.3 21.5

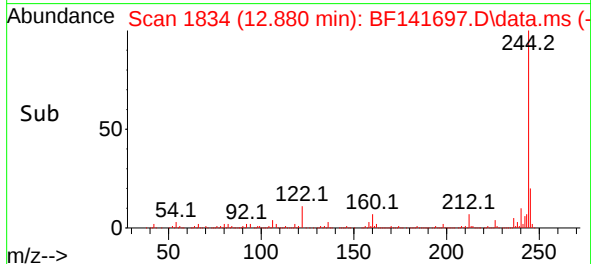
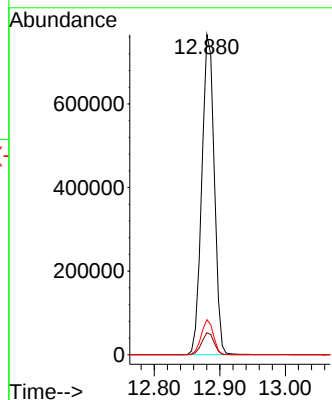
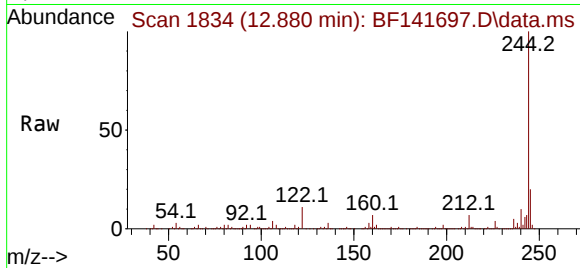




#79
 Terphenyl-d14
 Concen: 97.805 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

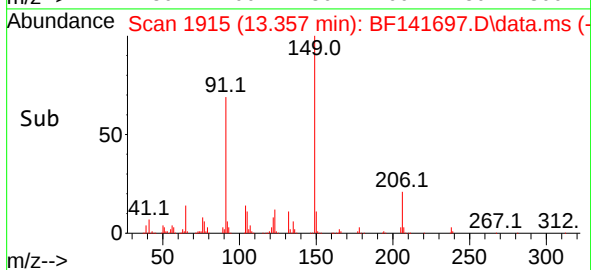
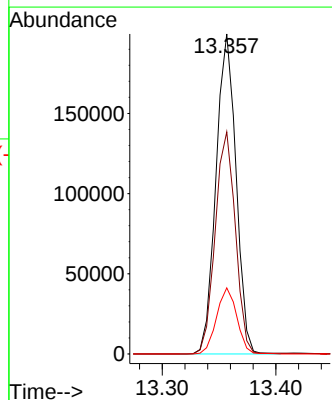
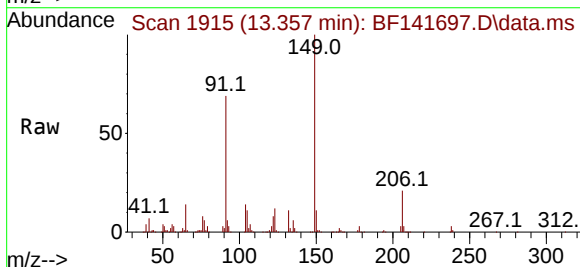
Instrument :
 BNA_F
 ClientSampleId :
 PB166772BS

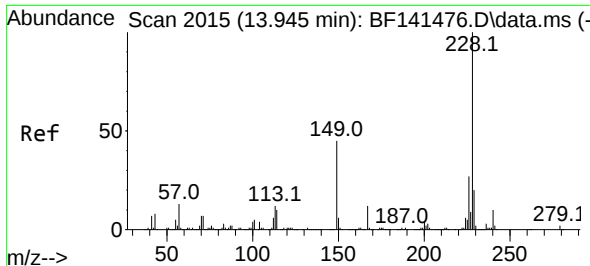
Tgt Ion:244 Resp: 1017222
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.9 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 47.315 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

Tgt Ion:149 Resp: 244952
 Ion Ratio Lower Upper
 149 100
 91 69.4 57.8 86.8
 206 20.6 16.7 25.1

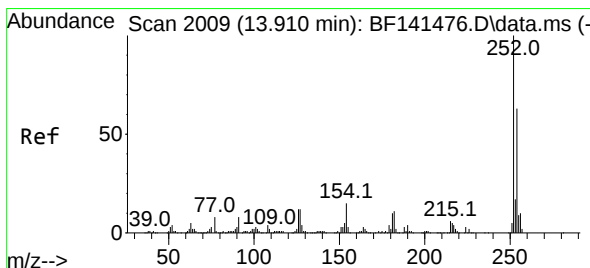
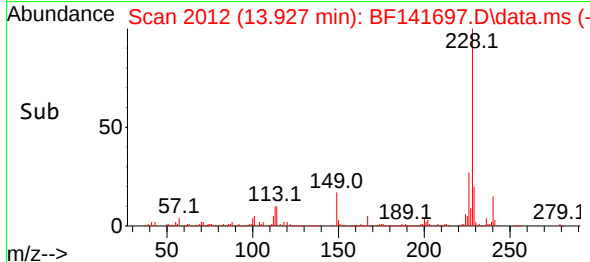
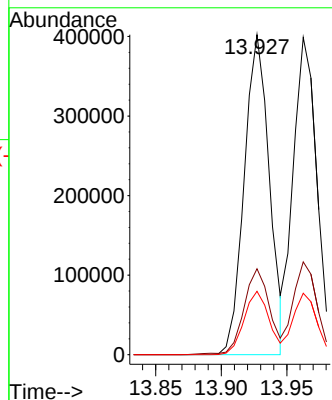
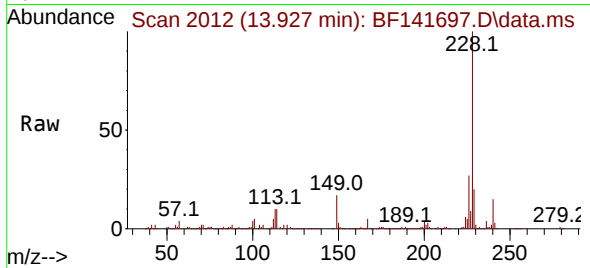




#81
Benzo(a)anthracene
Concen: 45.957 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

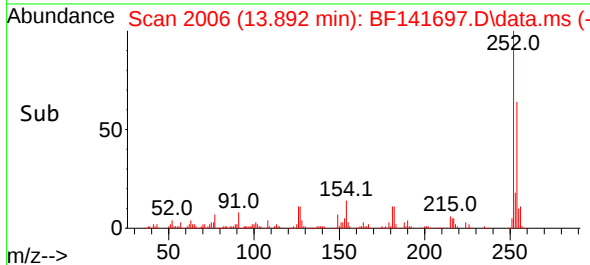
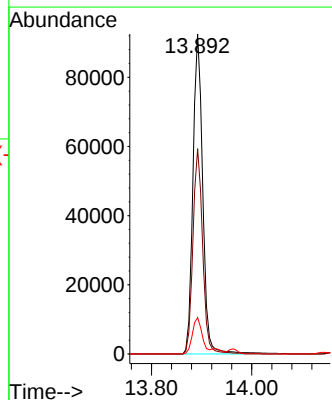
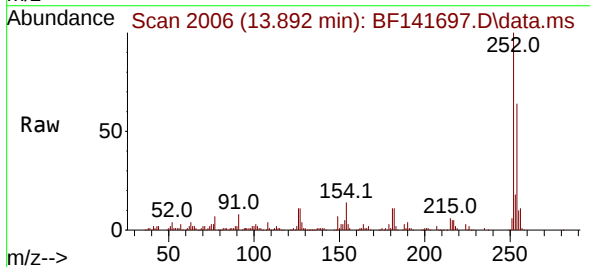
Instrument :
BNA_F
ClientSampleId :
PB166772BS

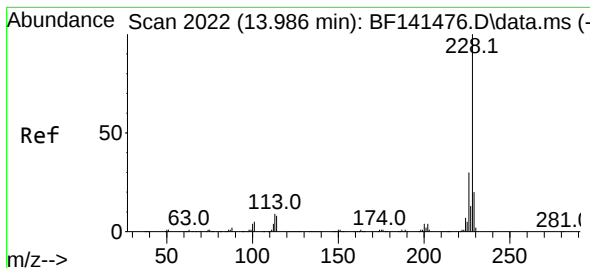
Tgt Ion:228 Resp: 536374
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 37.476 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:252 Resp: 125294
Ion Ratio Lower Upper
252 100
254 64.1 50.6 76.0
126 11.4 9.3 13.9





#83

Chrysene

Concen: 46.199 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

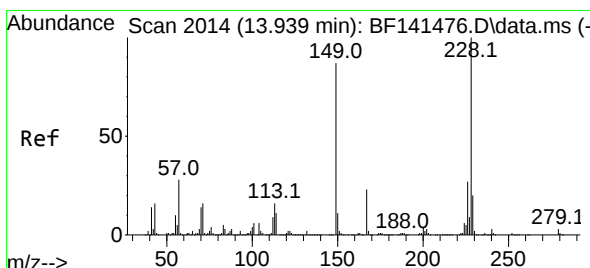
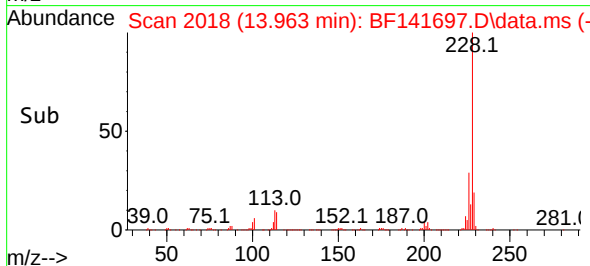
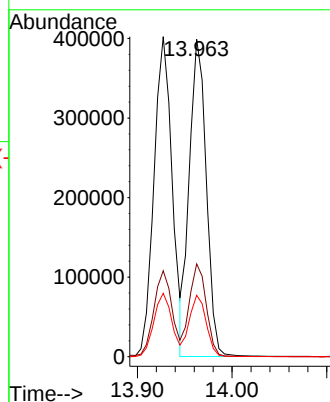
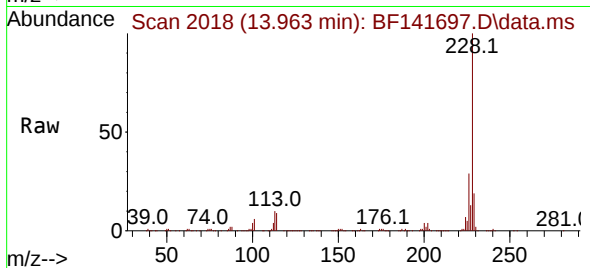
Tgt Ion:228 Resp: 497870

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.822 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

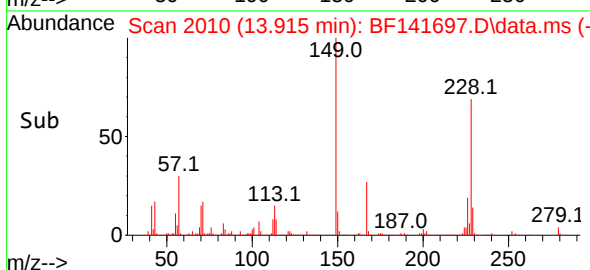
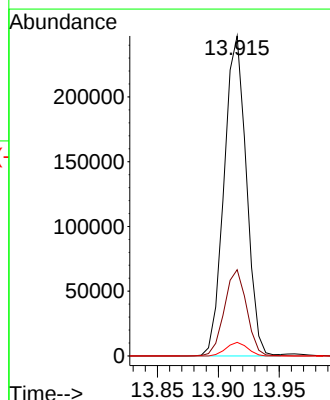
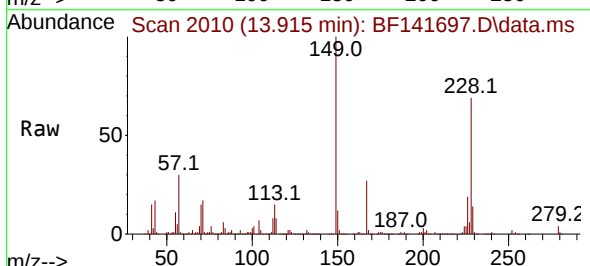
Tgt Ion:149 Resp: 314261

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 60.662 ng

RT: 14.527 min Scan# 2114

Delta R.T. -0.035 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

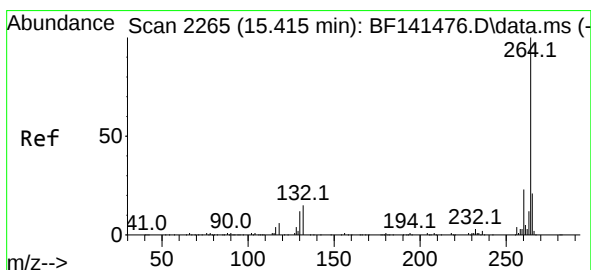
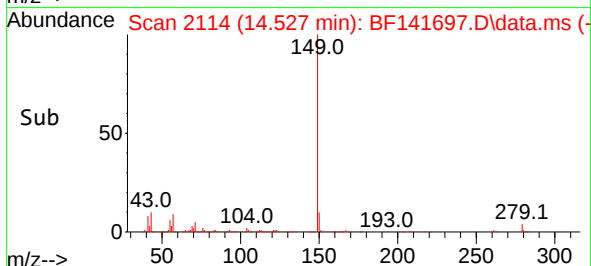
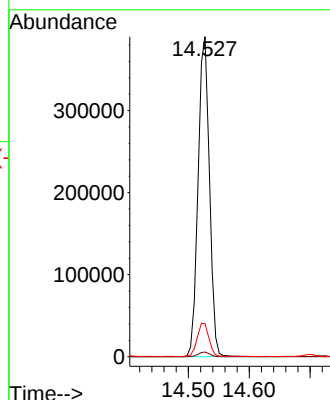
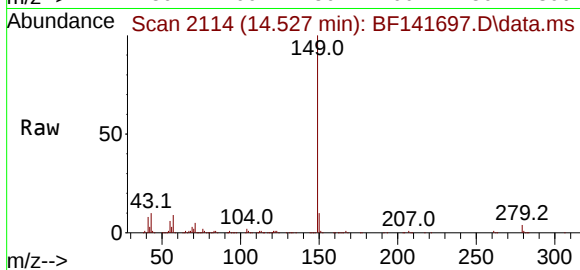
Tgt Ion:149 Resp: 505295

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.7 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: BF141697.D

Acq: 20 Feb 2025 12:03

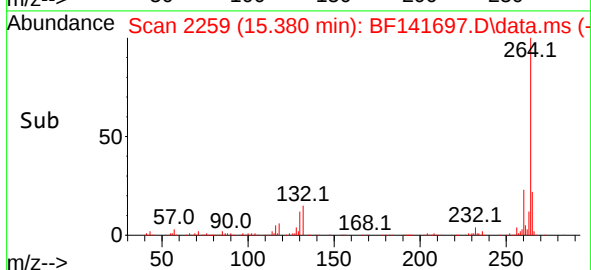
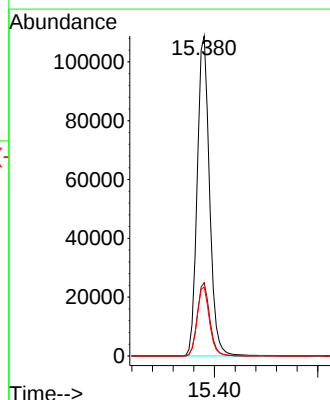
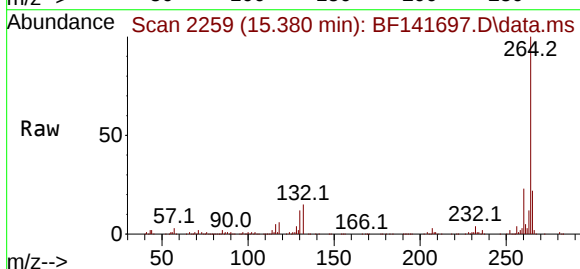
Tgt Ion:264 Resp: 179789

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.5 17.0 25.4

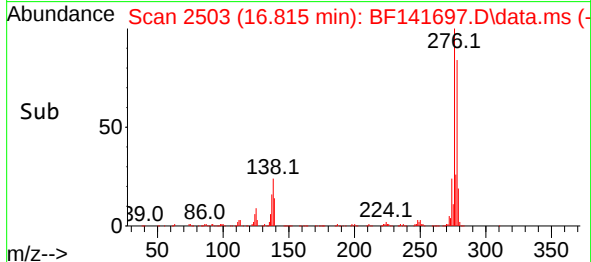
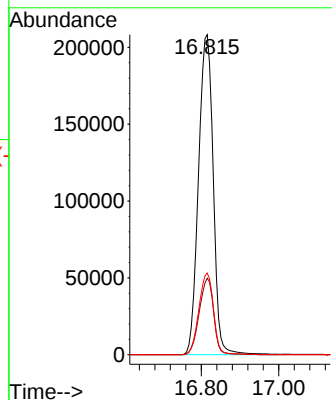
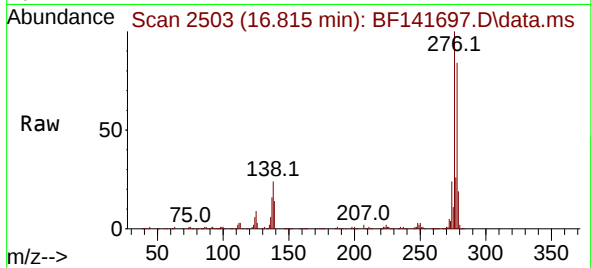




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.402 ng
 RT: 16.815 min Scan# 2188
 Delta R.T. -0.059 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

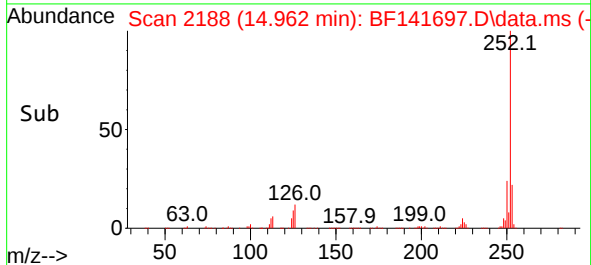
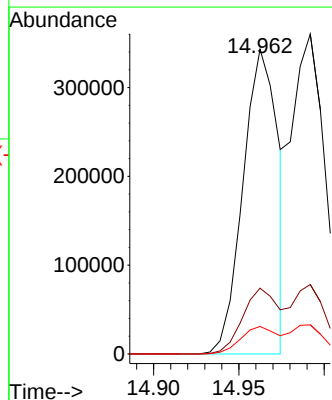
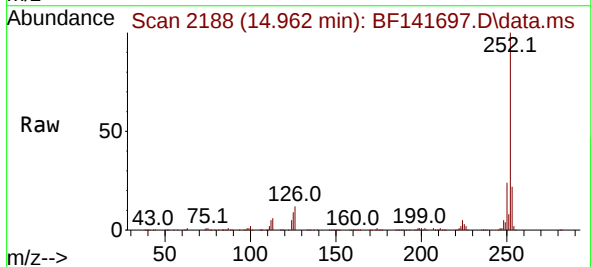
Instrument :
 BNA_F
 ClientSampleId :
 PB166772BS

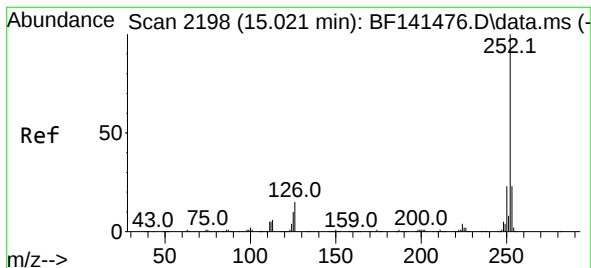
Tgt Ion:276 Resp: 548805
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.0 27.0
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 40.582 ng
 RT: 14.962 min Scan# 2188
 Delta R.T. -0.041 min
 Lab File: BF141697.D
 Acq: 20 Feb 2025 12:03

Tgt Ion:252 Resp: 489904
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 9.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 40.026 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166772BS

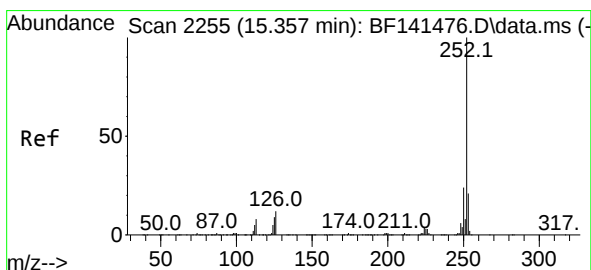
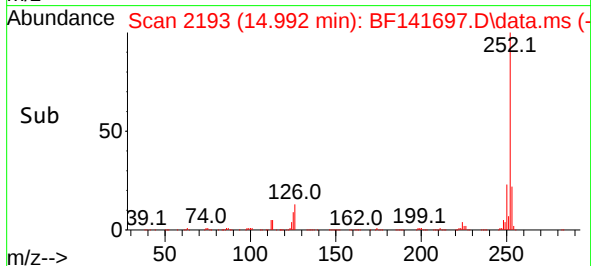
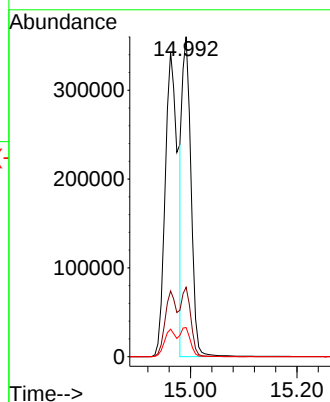
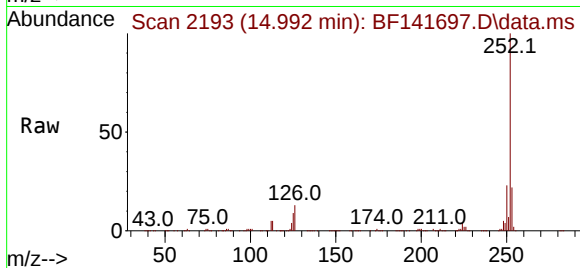
Tgt Ion:252 Resp: 412603

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 48.492 ng

RT: 15.321 min Scan# 2249

Delta R.T. -0.041 min

Lab File: BF141697.D

Acq: 20 Feb 2025 12:03

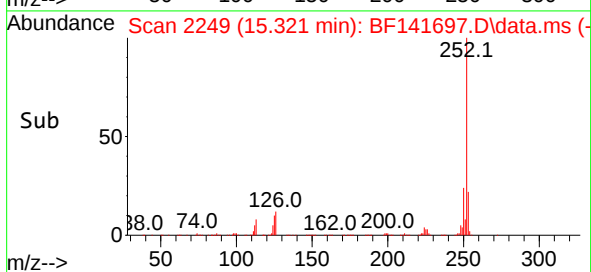
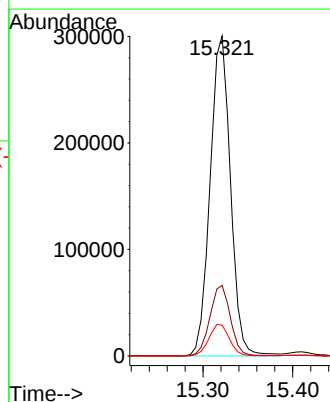
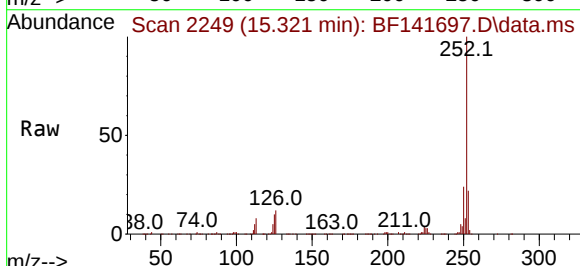
Tgt Ion:252 Resp: 473681

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 9.7 7.4 11.2

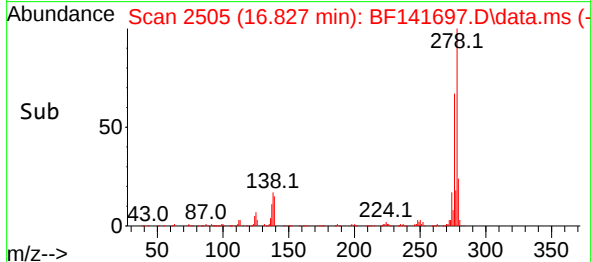
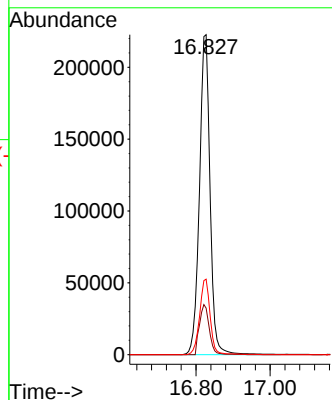
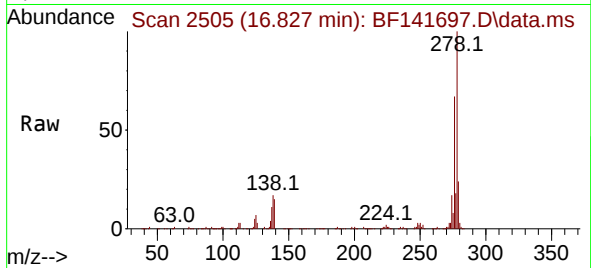




#91
Dibenzo(a,h)anthracene
Concen: 49.105 ng
RT: 16.827 min Scan# 21
Delta R.T. -0.065 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Instrument :
BNA_F
ClientSampleId :
PB166772BS

Tgt Ion:278 Resp: 442018
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.6
279 23.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.683 ng
RT: 17.245 min Scan# 2576
Delta R.T. -0.071 min
Lab File: BF141697.D
Acq: 20 Feb 2025 12:03

Tgt Ion:276 Resp: 420897
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 20.3 15.9 23.9

