

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141707.D
 Acq On : 20 Feb 2025 17:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 20 17:37:12 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	87869	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	346295	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	185494	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	301785	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	183935	20.000	ng	-0.02
86) Perylene-d12	15.380	264	180639	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	471409	84.108	ng	-0.01
7) Phenol-d6	6.422	99	575085	81.181	ng	-0.02
23) Nitrobenzene-d5	7.345	82	527762	79.490	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	147468	79.140	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	985125	81.821	ng	-0.01
79) Terphenyl-d14	12.880	244	906822	83.229	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	93278	41.350	ng	98
3) Pyridine	3.199	79	232077	43.234	ng	95
4) n-Nitrosodimethylamine	3.157	42	134182	37.751	ng	92
6) Aniline	6.446	93	262064	39.437	ng	95
8) 2-Chlorophenol	6.569	128	249942	41.270	ng	98
9) Benzaldehyde	6.334	77	148908	39.556	ng	100
10) Phenol	6.440	94	302192	40.986	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	227648	41.107	ng	98
12) 1,3-Dichlorobenzene	6.722	146	266673	41.709	ng	98
13) 1,4-Dichlorobenzene	6.798	146	273983	41.942	ng	98
14) 1,2-Dichlorobenzene	6.951	146	256300	42.273	ng	99
15) Benzyl Alcohol	6.928	79	213133	39.234	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	361962	38.182	ng	79
17) 2-Methylphenol	7.045	107	191673	40.443	ng	99
18) Hexachloroethane	7.293	117	100107	41.408	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	170070	40.136	ng	95
20) 3+4-Methylphenols	7.198	107	246595	40.942	ng	95
22) Acetophenone	7.193	105	347556	40.347	ng	95
24) Nitrobenzene	7.369	77	256961	39.690	ng	97
25) Isophorone	7.604	82	426628	40.300	ng	98
26) 2-Nitrophenol	7.681	139	135698	42.129	ng	94
27) 2,4-Dimethylphenol	7.722	122	156138	41.495	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	279268	41.169	ng	99
29) 2,4-Dichlorophenol	7.928	162	208070	40.925	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	229310	41.418	ng	98
31) Naphthalene	8.087	128	722374	40.074	ng	100
32) Benzoic acid	7.857	122	133290	34.103	ng	96
33) 4-Chloroaniline	8.140	127	253295	40.247	ng	98
34) Hexachlorobutadiene	8.198	225	136759	41.146	ng	99
35) Caprolactam	8.504	113	46387	29.966	ng	93
36) 4-Chloro-3-methylphenol	8.628	107	223621	39.707	ng	98
37) 2-Methylnaphthalene	8.775	142	468555	39.945	ng	100
38) 1-Methylnaphthalene	8.875	142	452107	39.795	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	222151	41.395	ng	99
41) Hexachlorocyclopentadiene	8.928	237	92852	52.019	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	141705	40.855	ng	99

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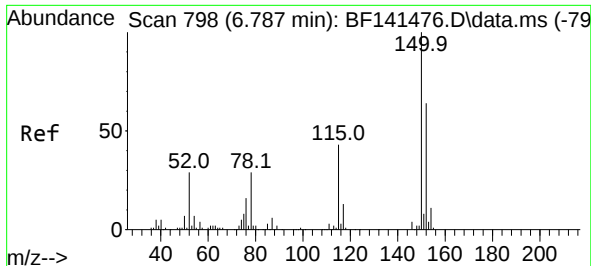
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	152182	40.484	ng	98
46) 1,1'-Biphenyl	9.239	154	589083	40.963	ng	100
47) 2-Chloronaphthalene	9.263	162	436372	41.034	ng	99
48) 2-Nitroaniline	9.363	65	140428	39.348	ng	98
49) Acenaphthylene	9.675	152	636570	40.245	ng	99
50) Dimethylphthalate	9.539	163	517733	41.114	ng	99
51) 2,6-Dinitrotoluene	9.604	165	113320	41.165	ng	99
52) Acenaphthene	9.851	154	418833	39.387	ng	99
53) 3-Nitroaniline	9.775	138	113925	38.451	ng	99
54) 2,4-Dinitrophenol	9.892	184	64268	39.281	ng	87
55) Dibenzofuran	10.022	168	619287	39.676	ng	99
56) 4-Nitrophenol	9.951	139	128362	58.361	ng	91
57) 2,4-Dinitrotoluene	10.010	165	148187	40.436	ng	100
58) Fluorene	10.363	166	479194	39.706	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	130431	40.303	ng	95
60) Diethylphthalate	10.239	149	498264	40.216	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	234915	40.461	ng	98
62) 4-Nitroaniline	10.392	138	110495	36.727	ng	94
63) Azobenzene	10.516	77	474593	38.532	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	82013	39.122	ng	92
66) n-Nitrosodiphenylamine	10.475	169	412415	42.691	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	141384	41.918	ng	99
68) Hexachlorobenzene	10.910	284	146904	42.297	ng	100
69) Atrazine	11.004	200	105755	36.491	ng	98
70) Pentachlorophenol	11.110	266	87169	39.252	ng	99
71) Phenanthrene	11.328	178	665850	40.083	ng	99
72) Anthracene	11.375	178	672708	40.284	ng	100
73) Carbazole	11.533	167	588101	39.140	ng	100
74) Di-n-butylphthalate	11.863	149	705215	40.647	ng	100
75) Fluoranthene	12.510	202	661652	37.569	ng	99
77) Benzidine	12.639	184	182580	45.009	ng	100
78) Pyrene	12.739	202	653830	41.757	ng	100
80) Butylbenzylphthalate	13.357	149	229665	42.347	ng	99
81) Benzo(a)anthracene	13.927	228	481502	39.381	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	146078	41.708	ng	99
83) Chrysene	13.963	228	466703	41.339	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	292300	47.787	ng	99
85) Di-n-octyl phthalate	14.527	149	457690	52.451	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	488391	43.757	ng	99
88) Benzo(b)fluoranthene	14.963	252	494368	40.759	ng	99
89) Benzo(k)fluoranthene	14.992	252	371796	35.898	ng	98
90) Benzo(a)pyrene	15.321	252	392343	39.976	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	396017	43.788	ng	99
92) Benzo(g,h,i)perylene	17.245	276	417878	44.154	ng	99

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

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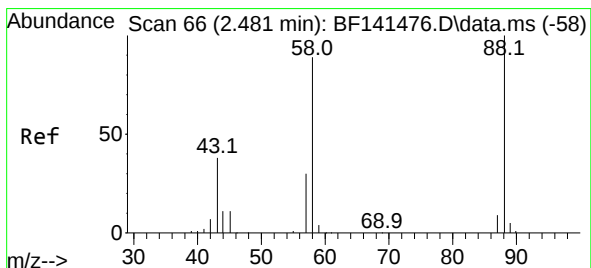
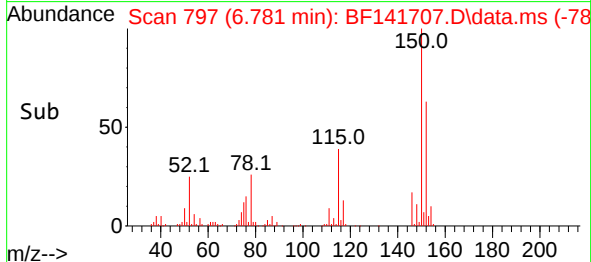
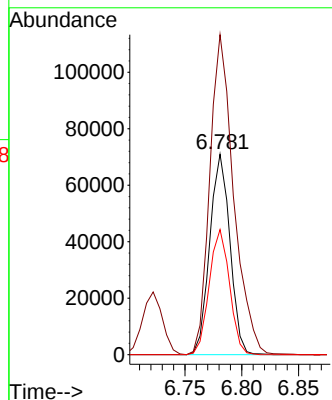
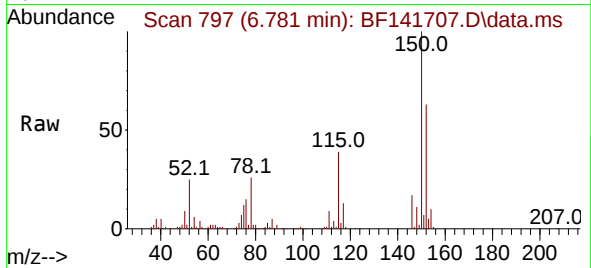




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141707.D
 Acq: 20 Feb 2025 17:09

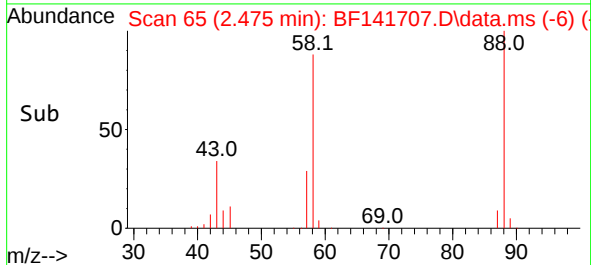
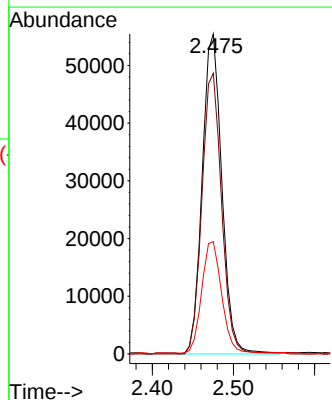
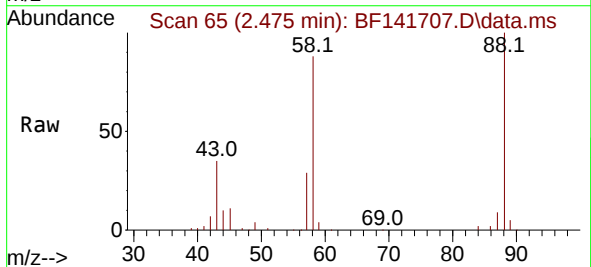
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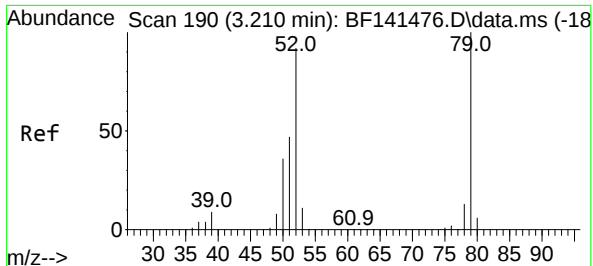
Tgt Ion:152 Resp: 87869
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.0 187.4
 115 62.4 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.350 ng
 RT: 2.475 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BF141707.D
 Acq: 20 Feb 2025 17:09

Tgt Ion: 88 Resp: 93278
 Ion Ratio Lower Upper
 88 100
 58 87.7 71.1 106.7
 43 35.2 30.6 46.0

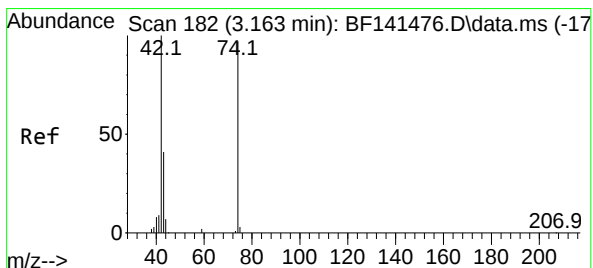
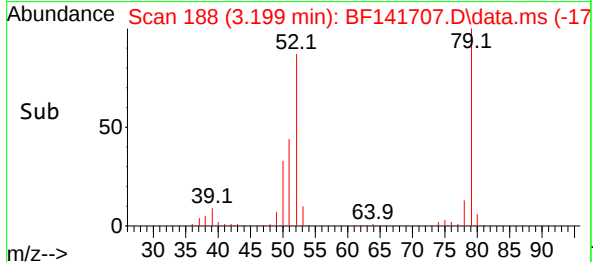
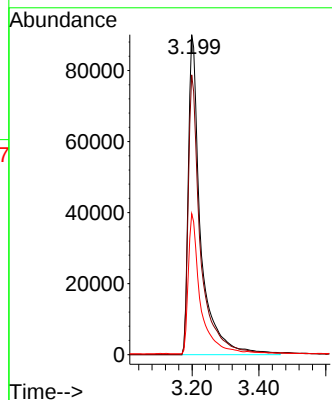
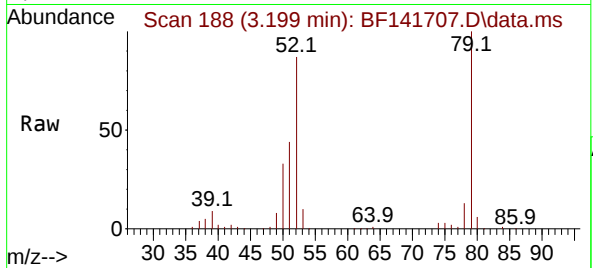




#3
Pyridine
Concen: 43.234 ng
RT: 3.199 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

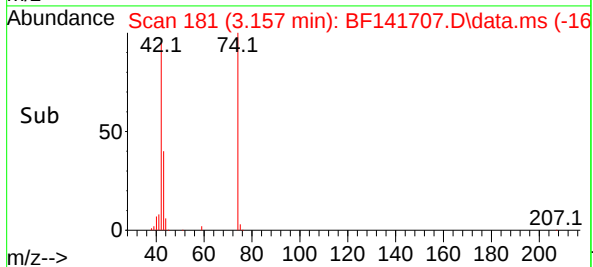
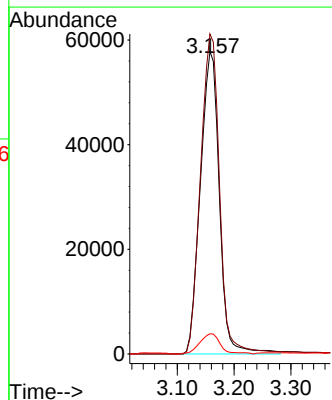
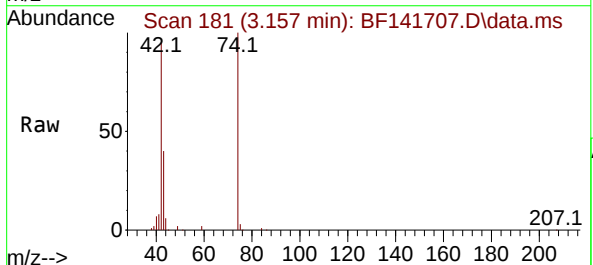
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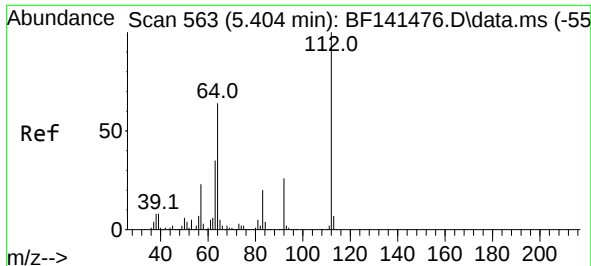
Tgt Ion: 79 Resp: 232077
Ion Ratio Lower Upper
79 100
52 87.4 73.7 110.5
51 44.0 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 37.751 ng
RT: 3.157 min Scan# 181
Delta R.T. -0.029 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion: 42 Resp: 134182
Ion Ratio Lower Upper
42 100
74 105.8 78.0 117.0
44 6.7 5.4 8.2

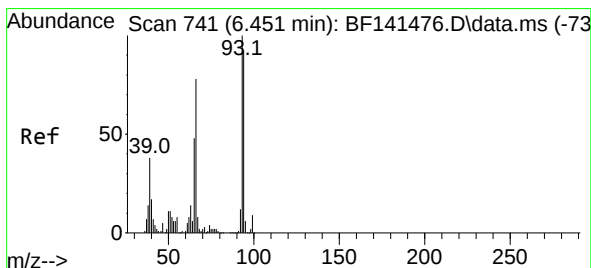
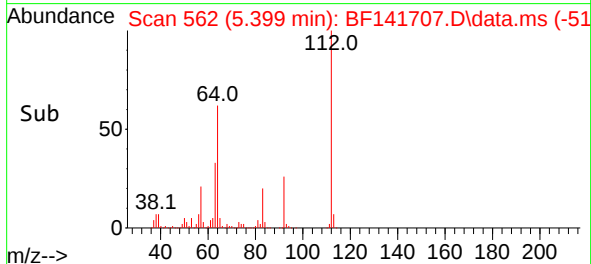
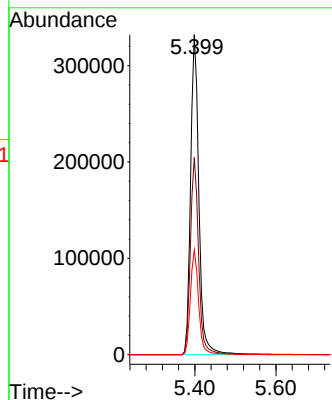
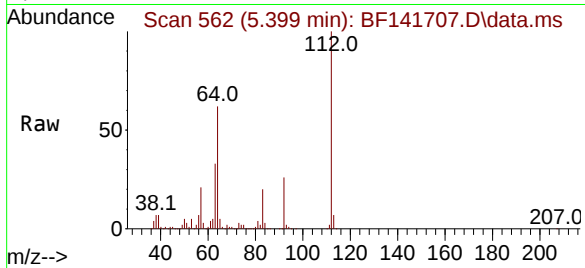




#5
2-Fluorophenol
Concen: 84.108 ng
RT: 5.399 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

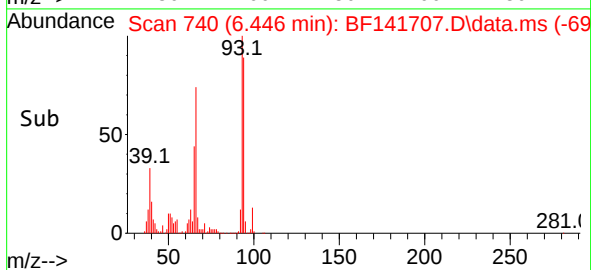
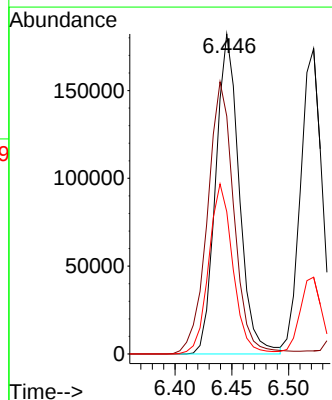
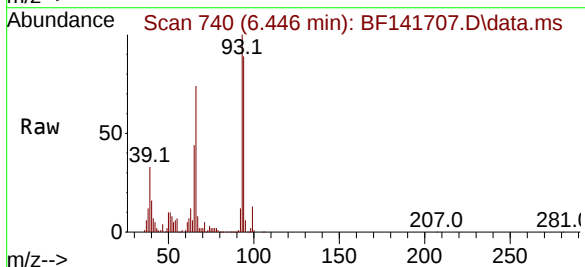
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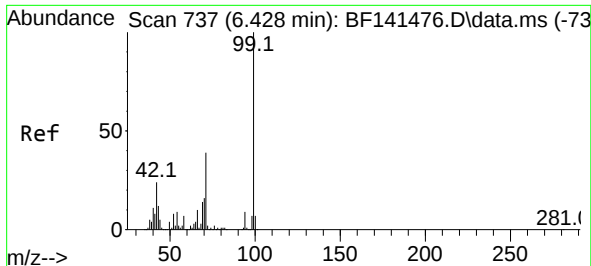
Tgt Ion:112 Resp: 471409
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 32.7 28.4 42.6



#6
Aniline
Concen: 39.437 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion: 93 Resp: 262064
Ion Ratio Lower Upper
93 100
66 74.3 62.6 94.0
65 44.4 38.3 57.5

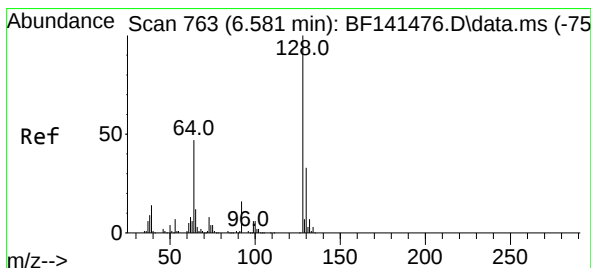
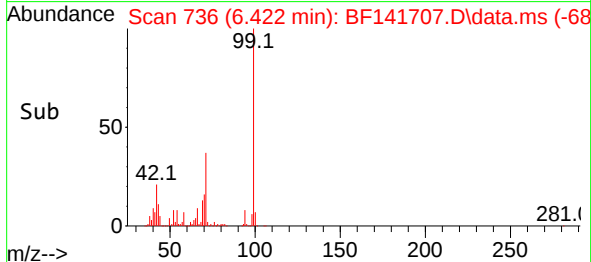
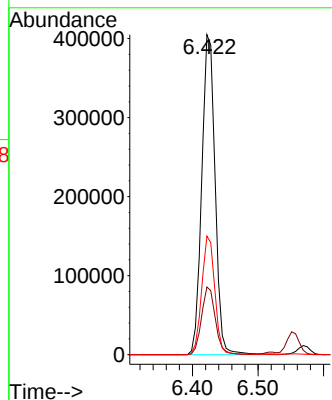
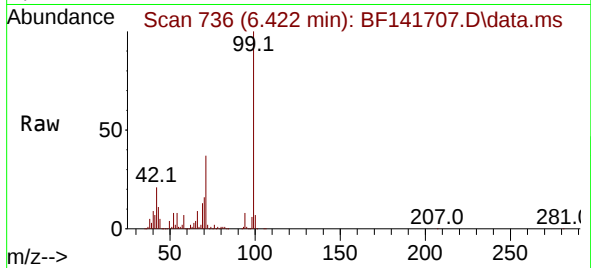




#7
Phenol-d6
Concen: 81.181 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

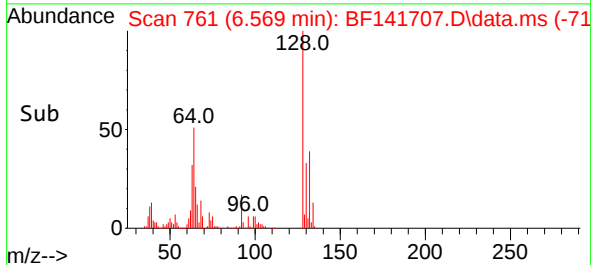
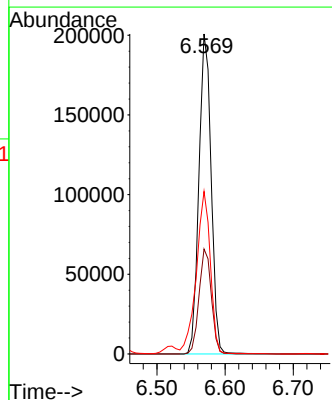
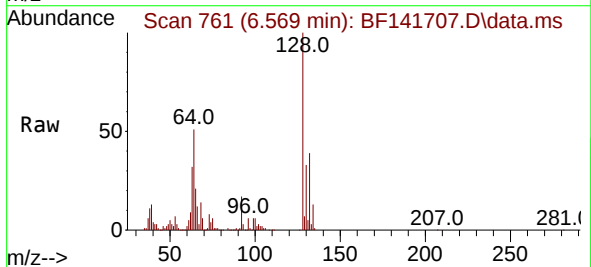
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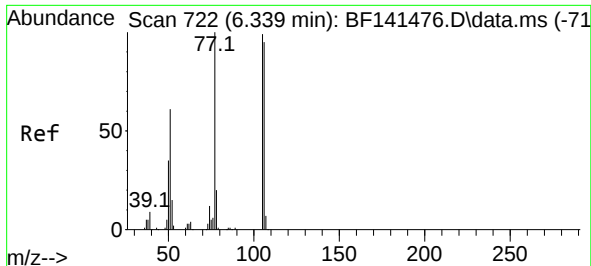
Tgt Ion: 99 Resp: 575085
Ion Ratio Lower Upper
99 100
42 21.2 19.1 28.7
71 37.0 31.1 46.7



#8
2-Chlorophenol
Concen: 41.270 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion: 128 Resp: 249942
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 50.8 28.3 68.3

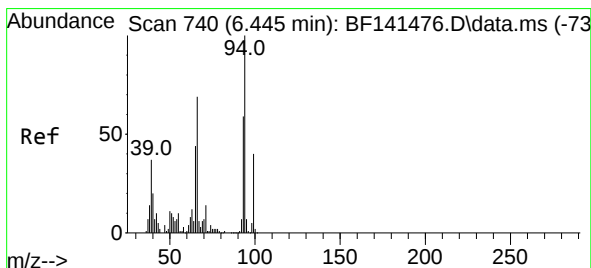
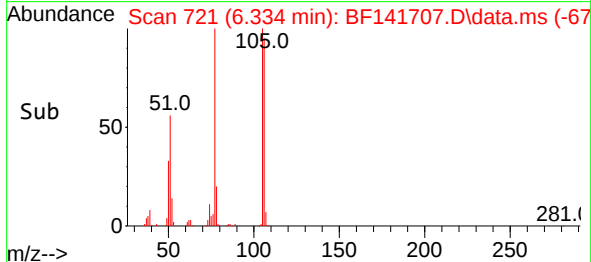
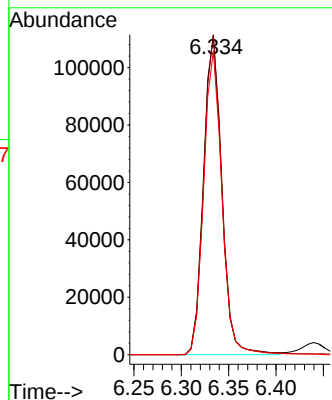
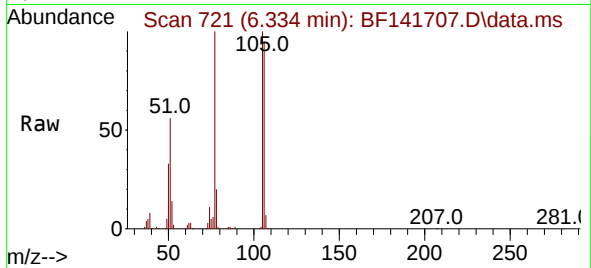




#9
Benzaldehyde
Concen: 39.556 ng
RT: 6.334 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

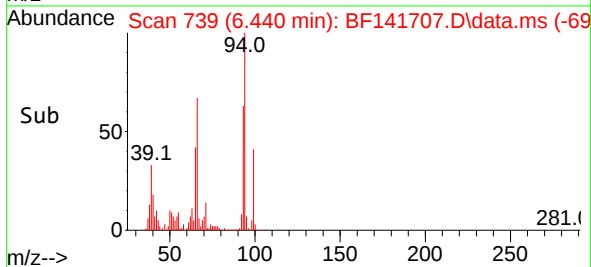
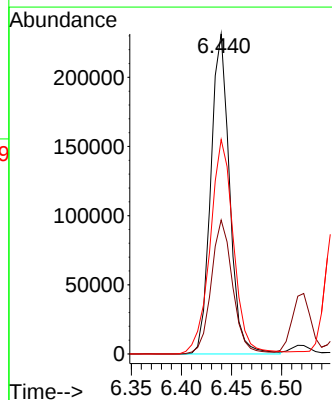
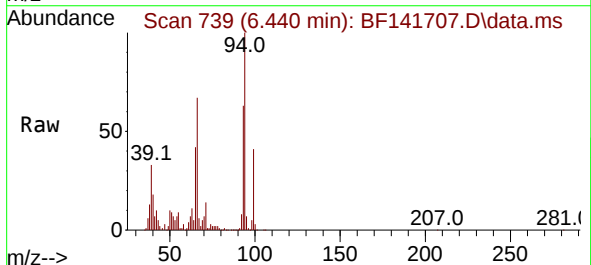
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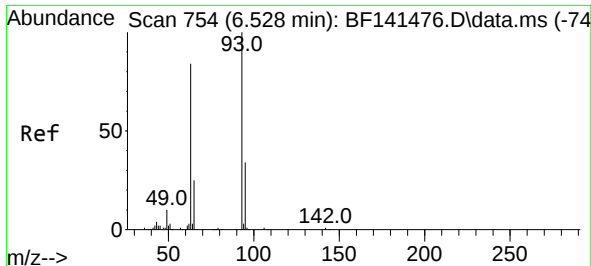
Tgt Ion: 77 Resp: 148908
Ion Ratio Lower Upper
77 100
105 100.3 79.4 119.4
106 95.1 75.1 115.1



#10
Phenol
Concen: 40.986 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion: 94 Resp: 302192
Ion Ratio Lower Upper
94 100
65 41.9 23.7 63.7
66 67.0 49.3 89.3

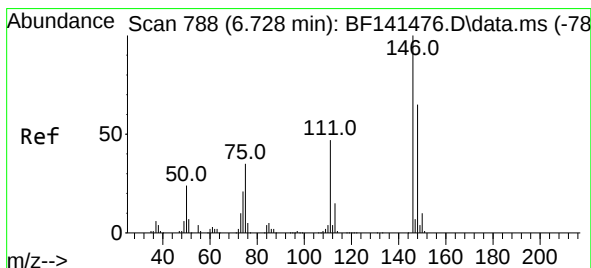
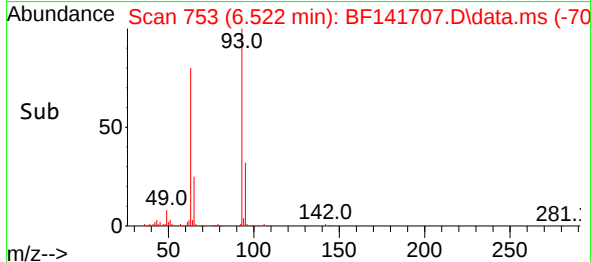
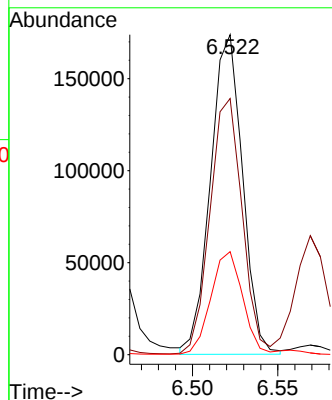
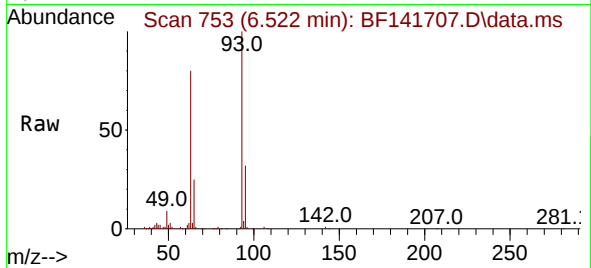




#11
bis(2-Chloroethyl)ether
Concen: 41.107 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

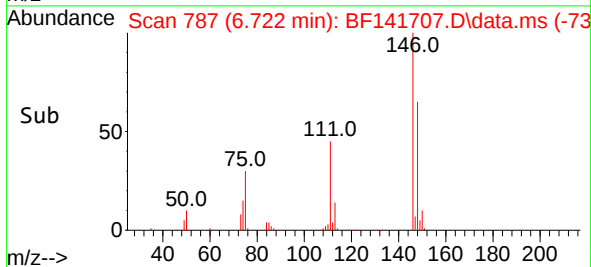
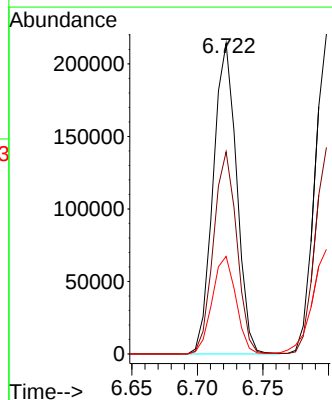
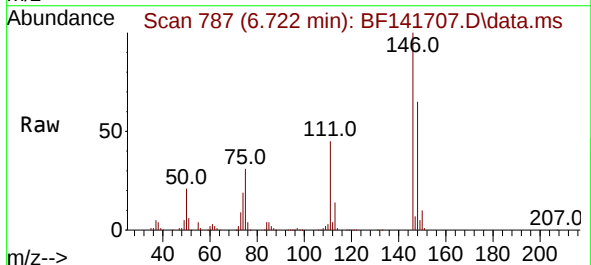
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

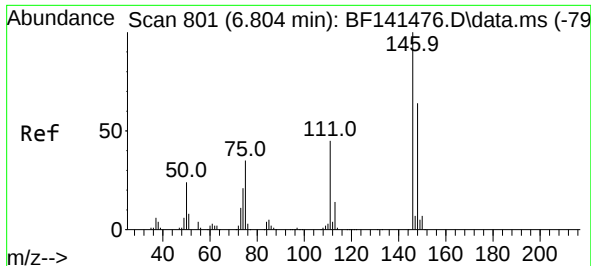
Tgt Ion: 93 Resp: 227648
Ion Ratio Lower Upper
93 100
63 80.1 62.0 102.0
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.709 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:146 Resp: 266673
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 31.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.942 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

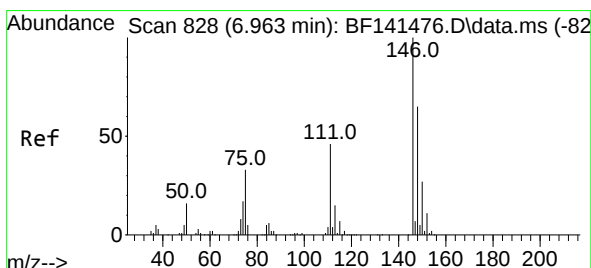
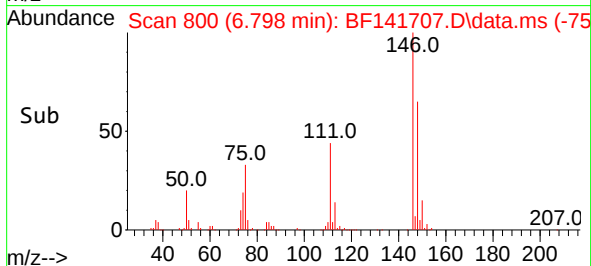
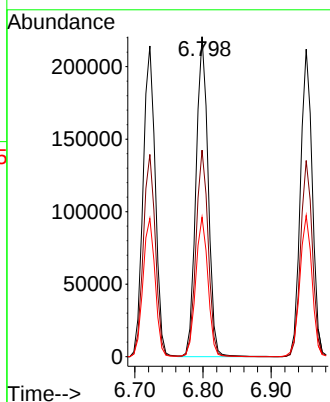
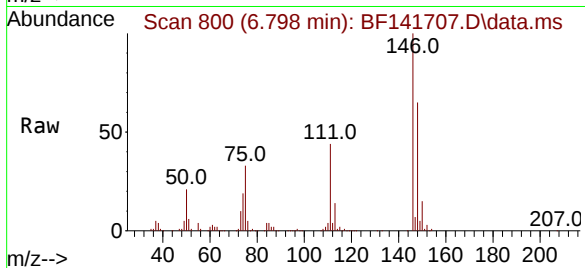
Tgt Ion:146 Resp: 273983

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

111 43.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 42.273 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

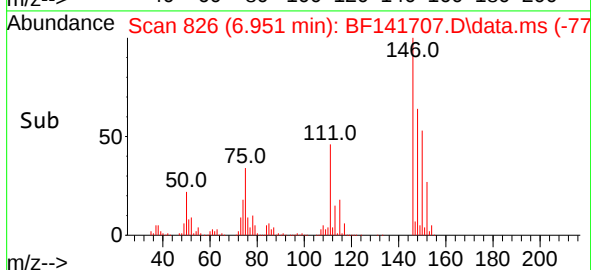
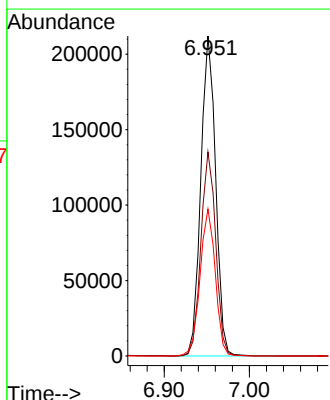
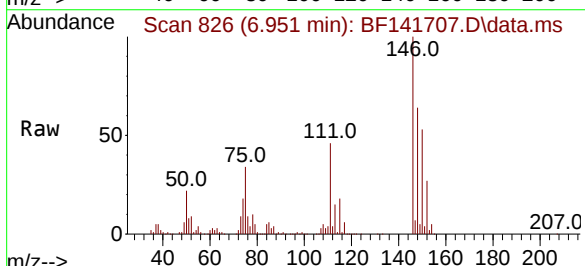
Tgt Ion:146 Resp: 256300

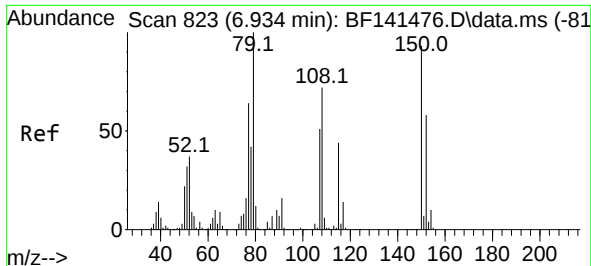
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

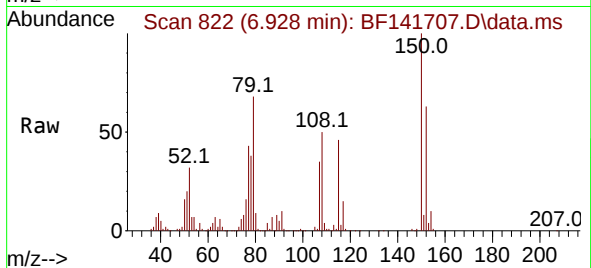
111 45.9 37.0 55.4



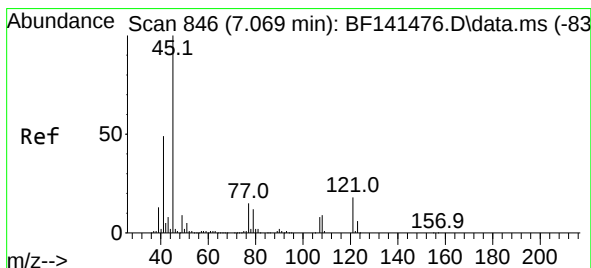
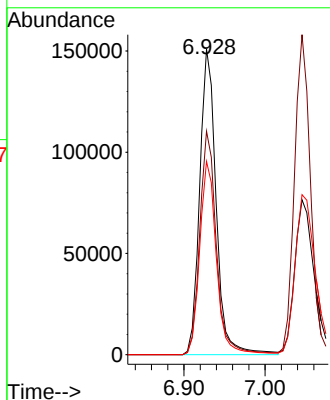
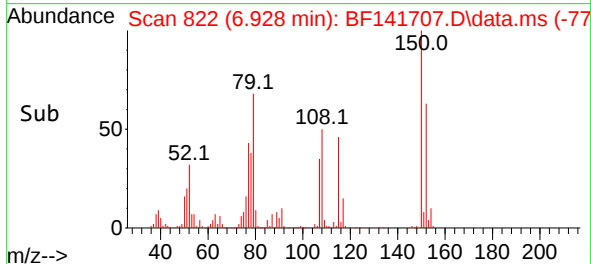


#15
Benzyl Alcohol
Concen: 39.234 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

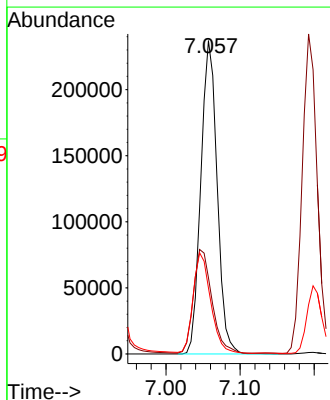
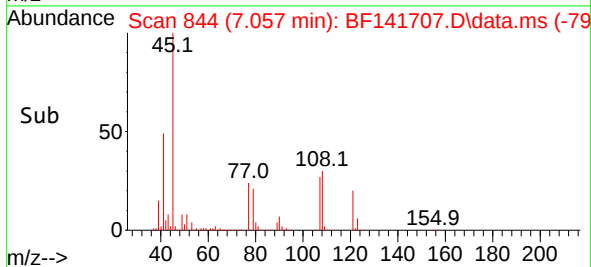
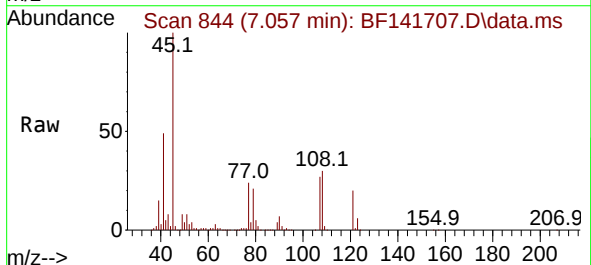


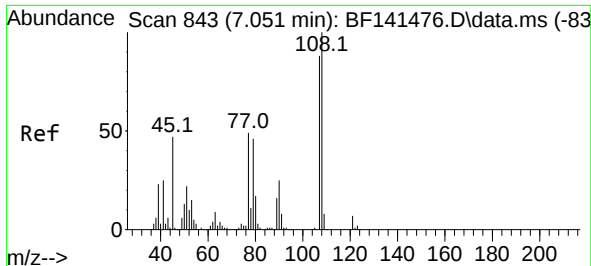
Tgt Ion: 79 Resp: 213133
Ion Ratio Lower Upper
79 100
108 73.1 57.4 86.2
77 63.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.182 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

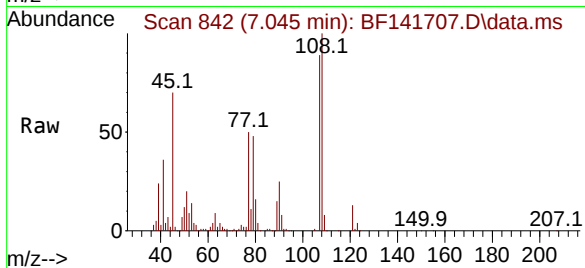
Tgt Ion: 45 Resp: 361962
Ion Ratio Lower Upper
45 100
77 24.4 0.0 35.8
79 21.1 0.0 32.7



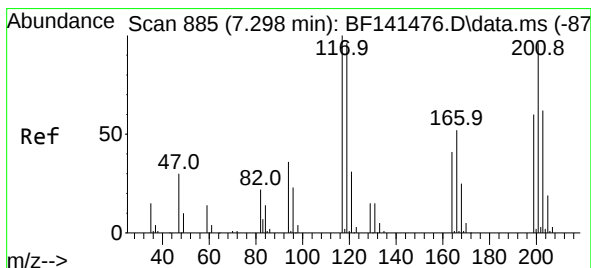
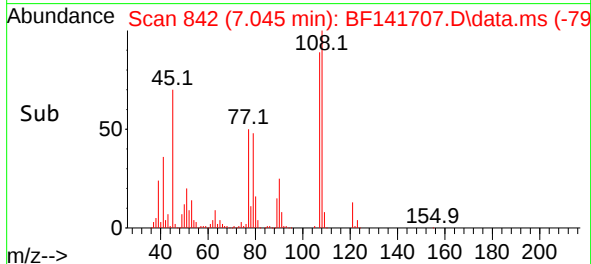
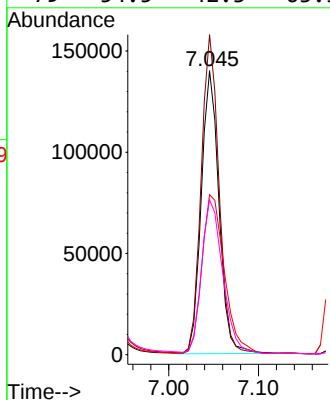


#17
2-Methylphenol
Concen: 40.443 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

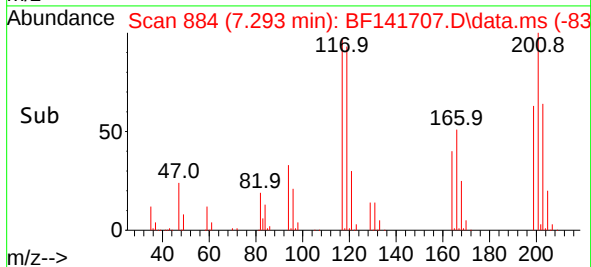
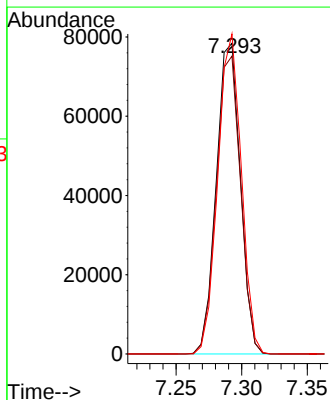
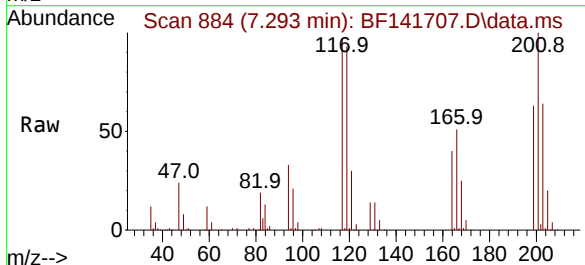


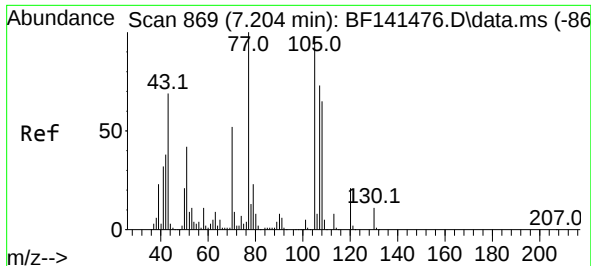
Tgt Ion:	107	Resp:	191673
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	136.0
77	56.4	44.4	66.6
79	54.5	42.3	63.5



#18
Hexachloroethane
Concen: 41.408 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:	117	Resp:	100107
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	103.0	76.7	115.1

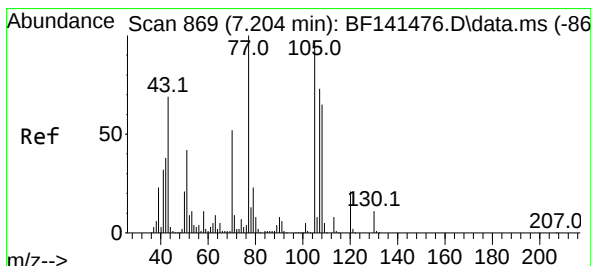
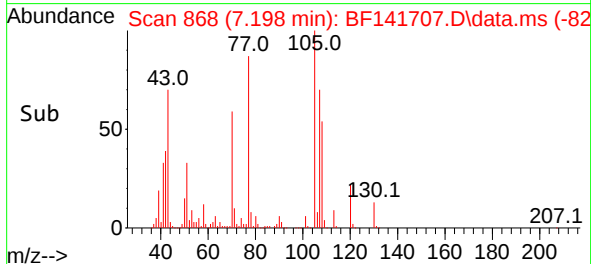
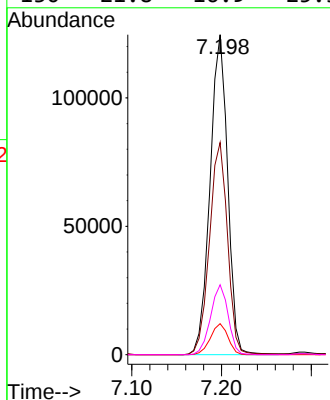
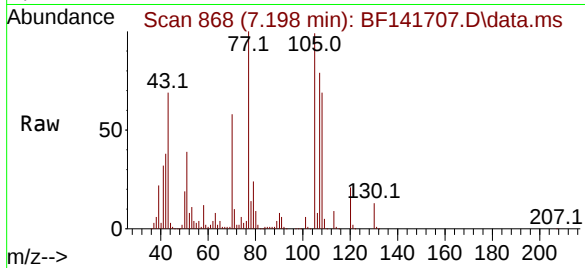




#19
n-Nitroso-di-n-propylamine
Concen: 40.136 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

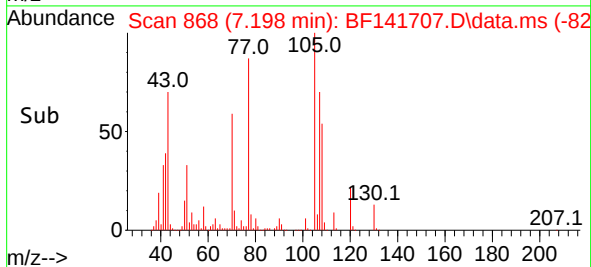
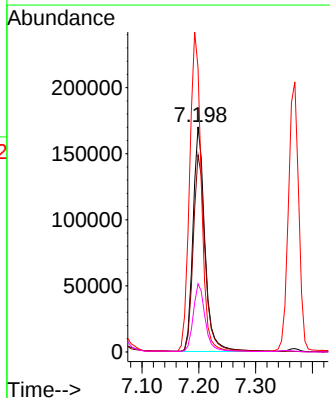
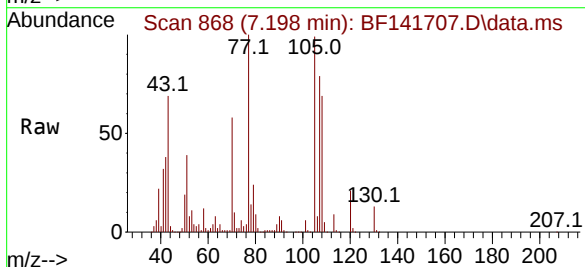
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

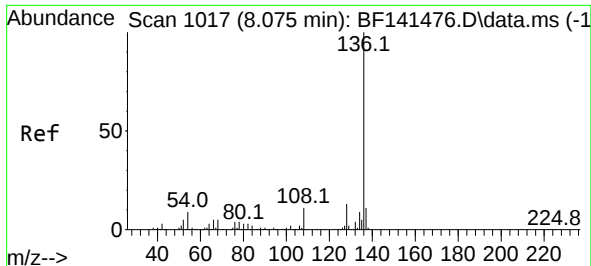
Tgt Ion: 70 Resp: 170070
Ion Ratio Lower Upper
70 100
42 66.3 57.4 86.2
101 9.7 8.0 12.0
130 21.8 16.9 25.3



#20
3+4-Methylphenols
Concen: 40.942 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion: 107 Resp: 246595
Ion Ratio Lower Upper
107 100
108 87.5 68.5 108.5
77 126.2 116.5 156.5
79 30.2 12.0 52.0

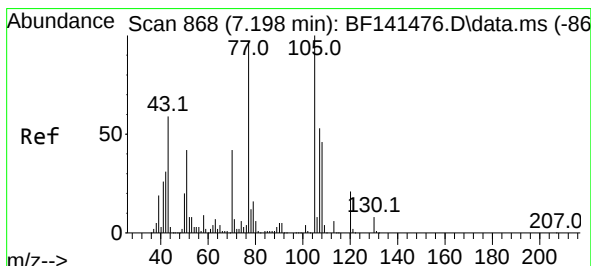
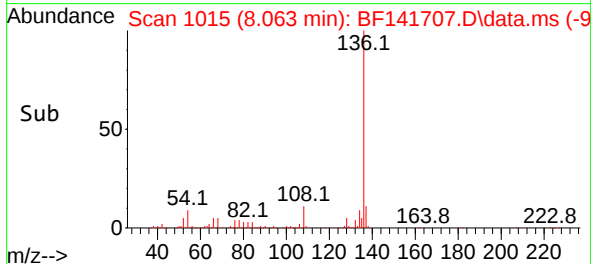
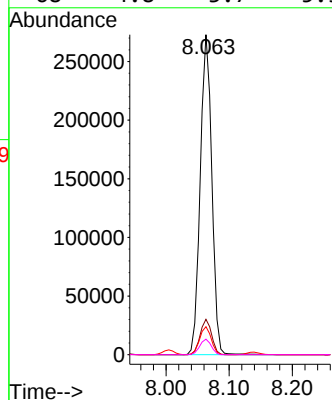
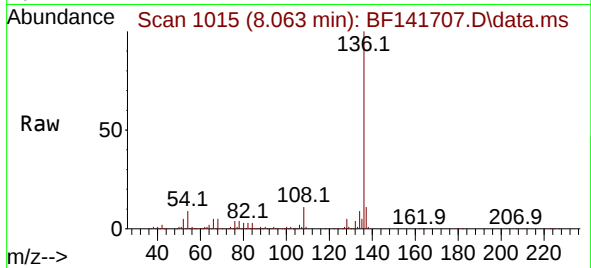




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

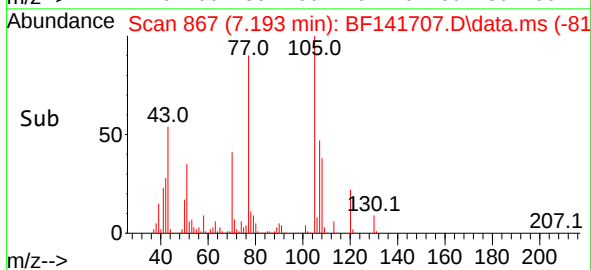
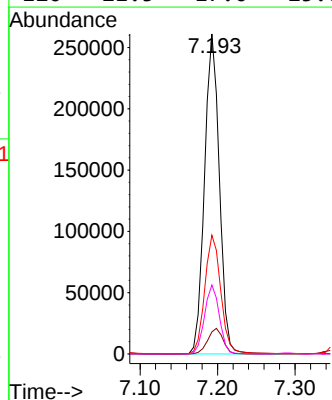
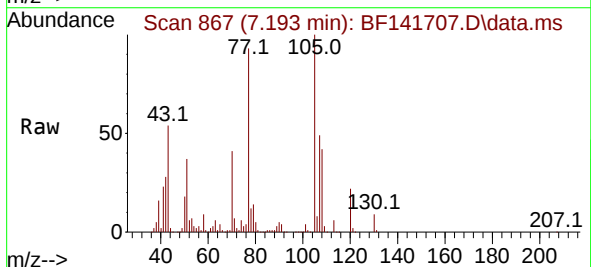
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

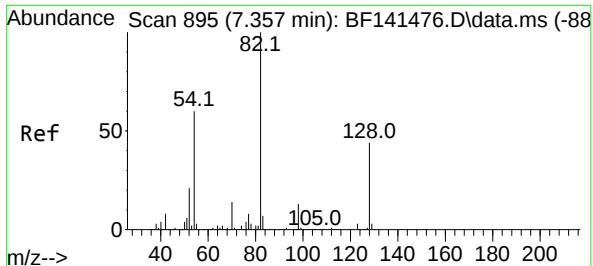
Tgt Ion:	136	Resp:	346295
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	8.8	7.2	10.8
68	4.8	3.7	5.5



#22
Acetophenone
Concen: 40.347 ng
RT: 7.193 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:	105	Resp:	347556
Ion Ratio	Lower	Upper	
105	100		
71	6.9	5.7	8.5
51	37.1	33.7	50.5
120	21.5	17.0	25.6





#23

Nitrobenzene-d5

Concen: 79.490 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

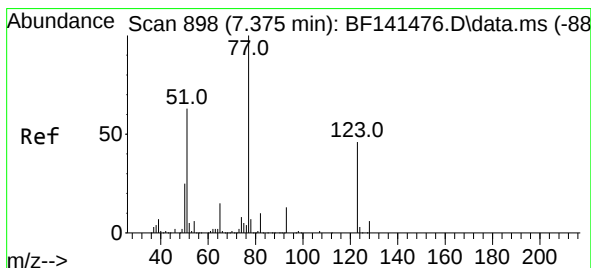
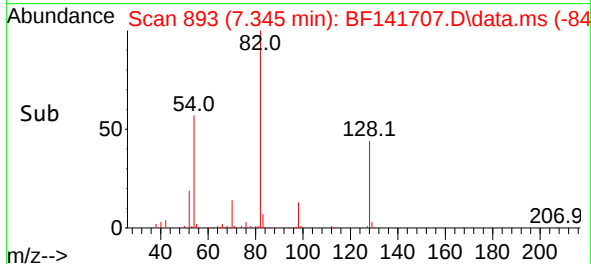
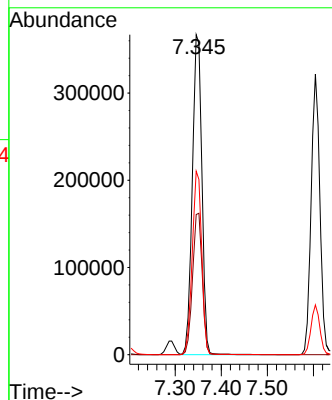
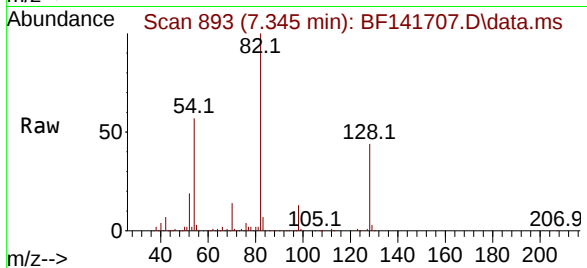
Tgt Ion: 82 Resp: 527762

Ion Ratio Lower Upper

82 100

128 43.8 34.8 52.2

54 57.3 48.2 72.4



#24

Nitrobenzene

Concen: 39.690 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

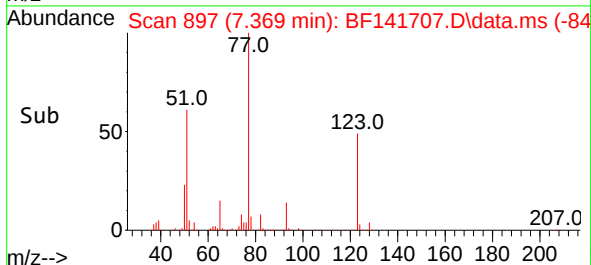
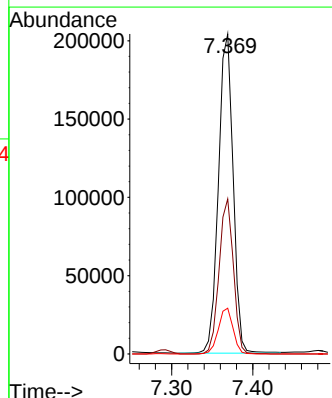
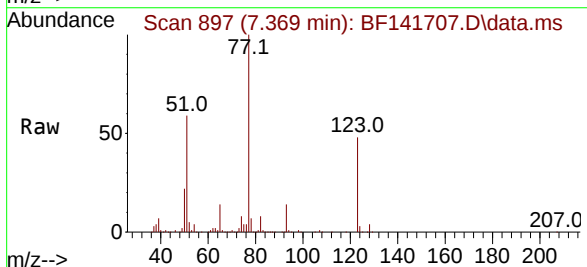
Tgt Ion: 77 Resp: 256961

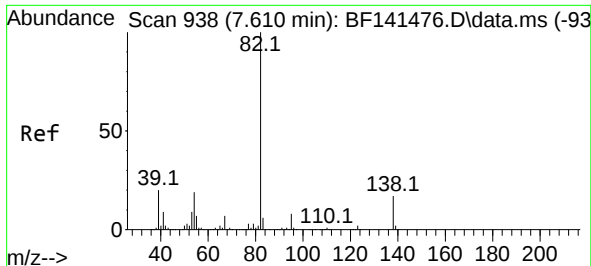
Ion Ratio Lower Upper

77 100

123 48.4 36.9 55.3

65 14.3 11.9 17.9

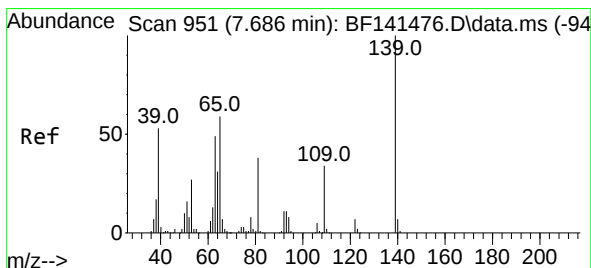
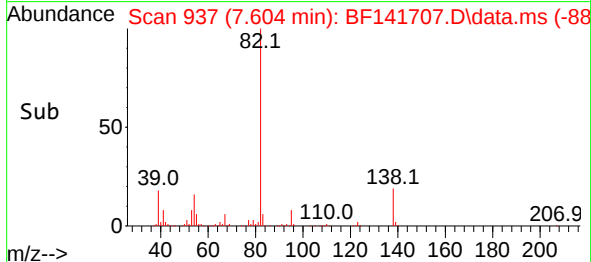
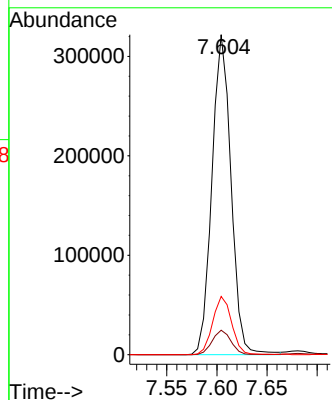
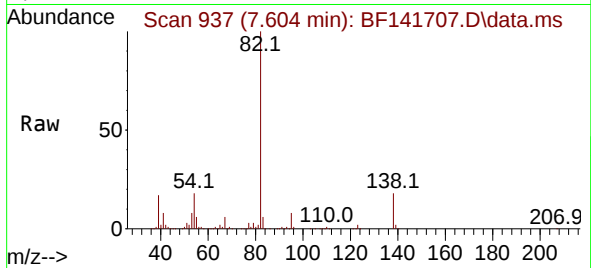




#25
Isophorone
Concen: 40.300 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

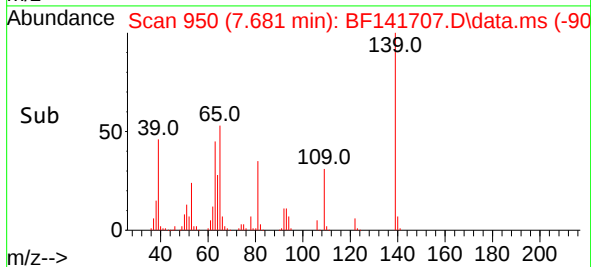
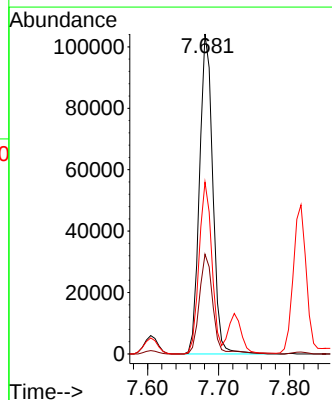
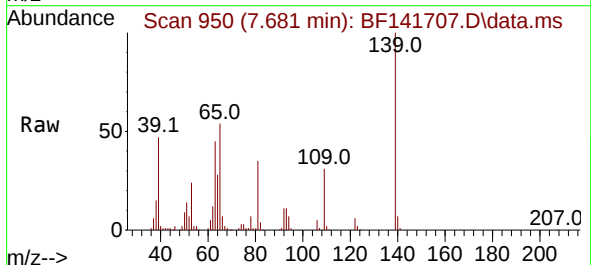
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

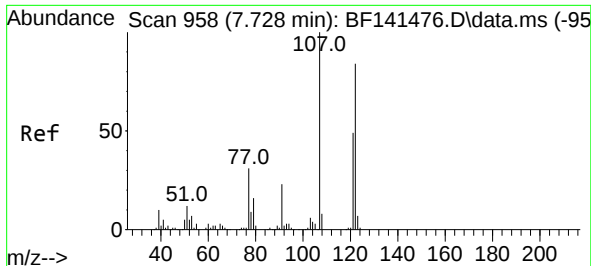
Tgt Ion: 82 Resp: 426628
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 42.129 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:139 Resp: 135698
Ion Ratio Lower Upper
139 100
109 31.1 27.0 40.6
65 53.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 41.495 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

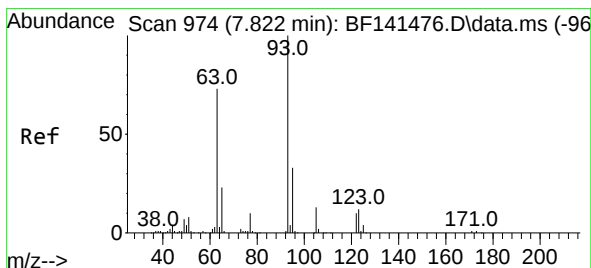
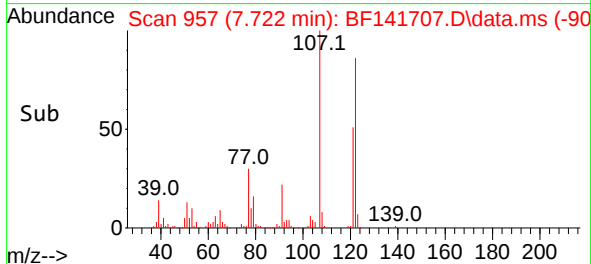
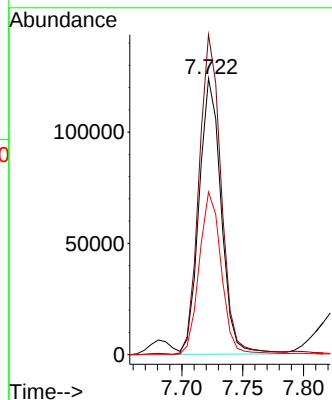
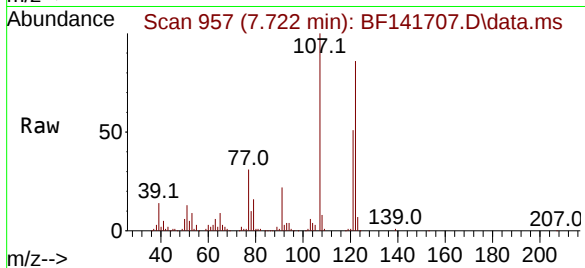
Tgt Ion:122 Resp: 156138

Ion Ratio Lower Upper

122 100

107 115.8 94.3 141.5

121 58.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.169 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

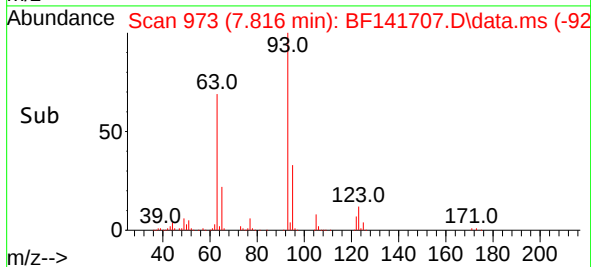
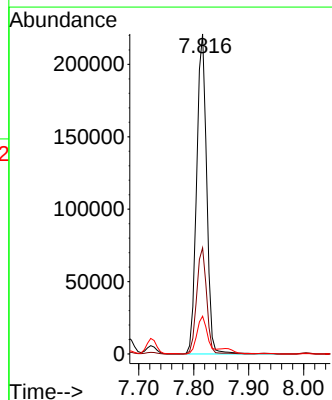
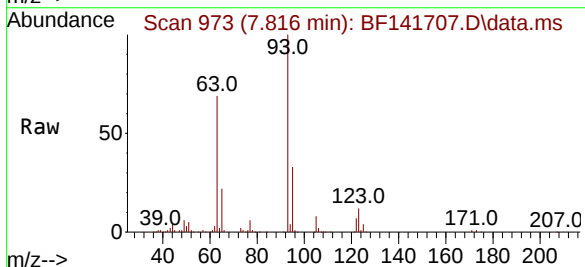
Tgt Ion: 93 Resp: 279268

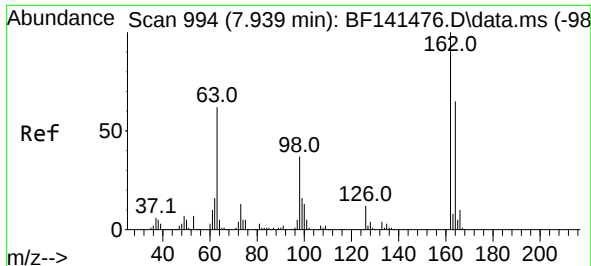
Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.925 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

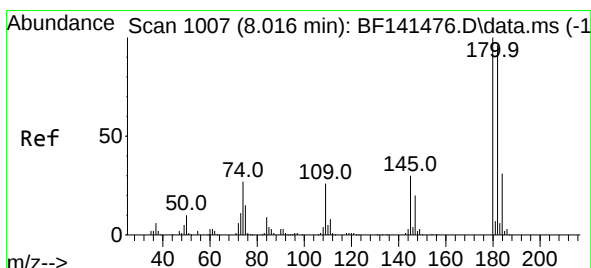
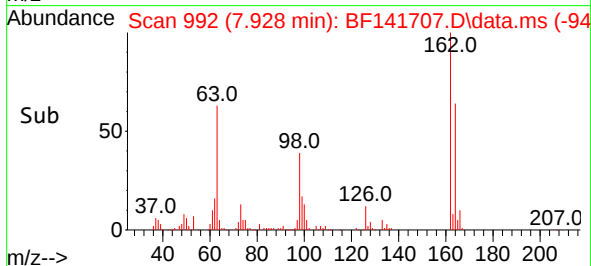
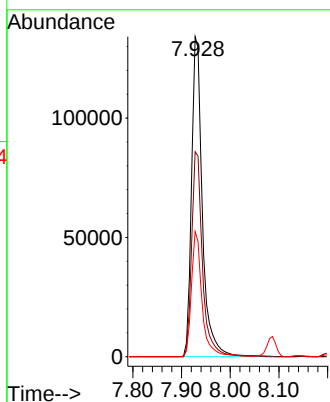
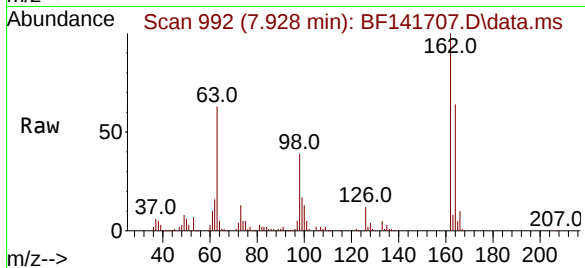
Tgt Ion:162 Resp: 208070

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

98 39.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 41.418 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

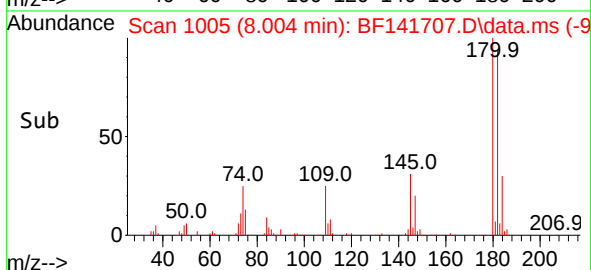
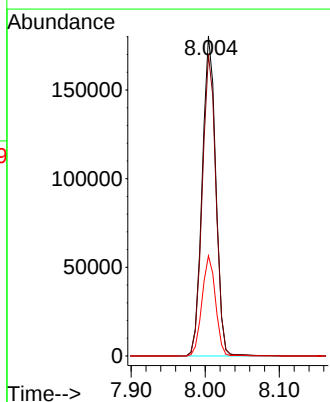
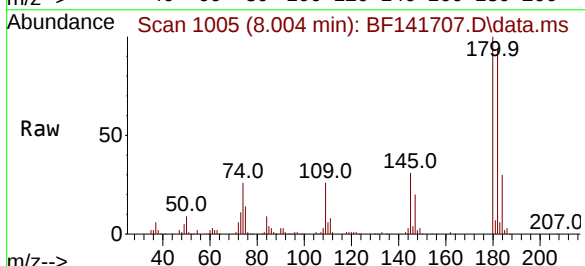
Tgt Ion:180 Resp: 229310

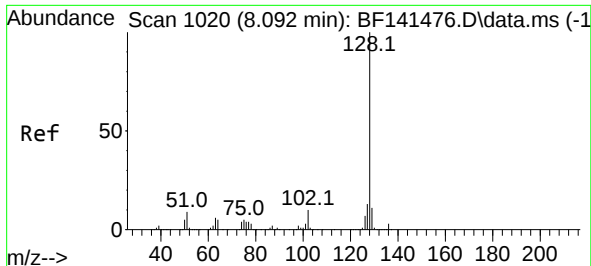
Ion Ratio Lower Upper

180 100

182 94.2 76.8 115.2

145 31.3 24.2 36.4

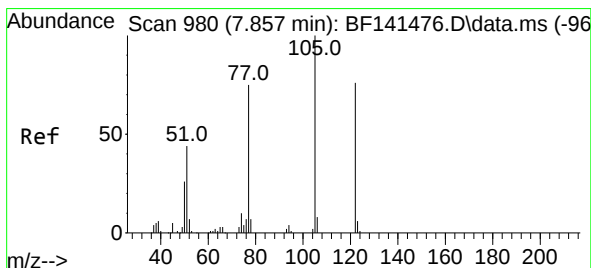
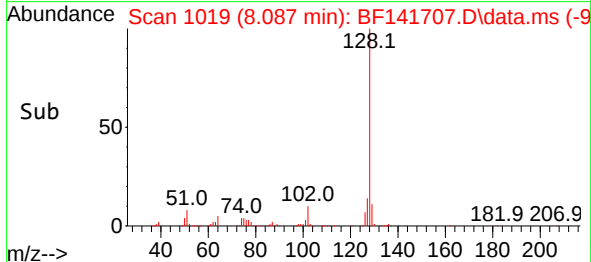
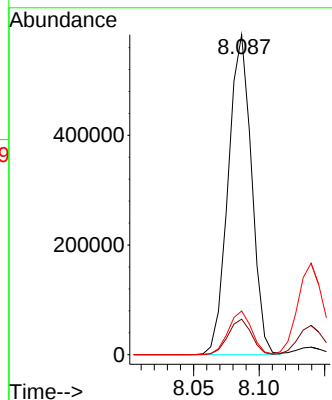
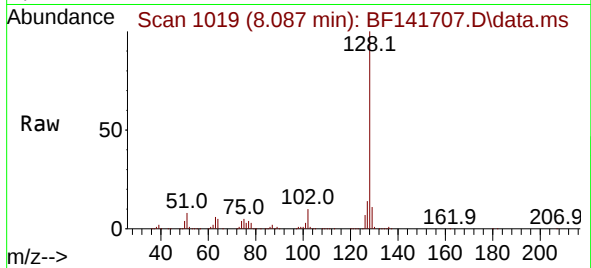




#31
Naphthalene
Concen: 40.074 ng
RT: 8.087 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

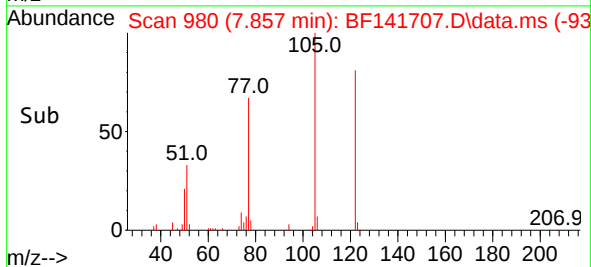
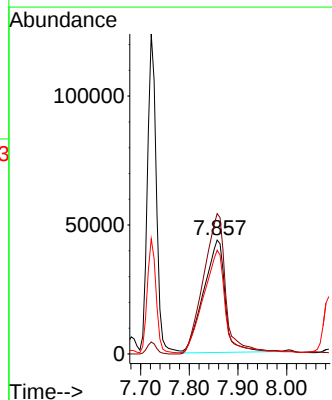
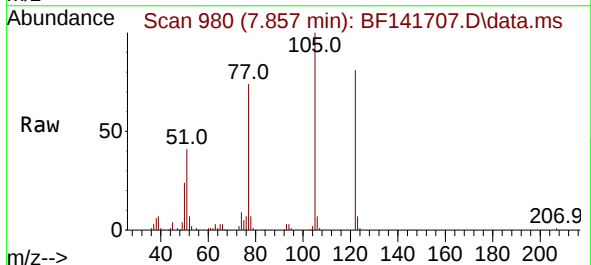
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

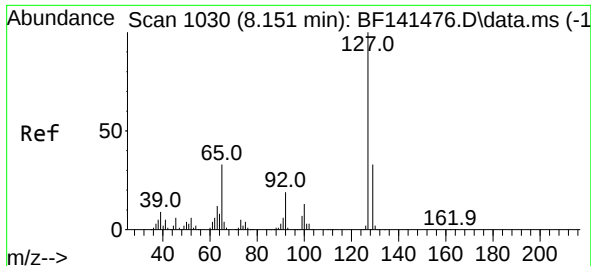
Tgt Ion:128 Resp: 722374
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 34.103 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:122 Resp: 133290
Ion Ratio Lower Upper
122 100
105 123.2 106.5 146.5
77 91.0 76.3 116.3

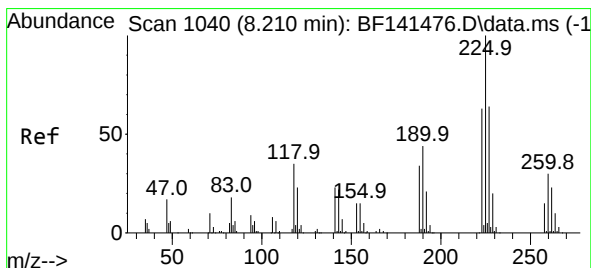
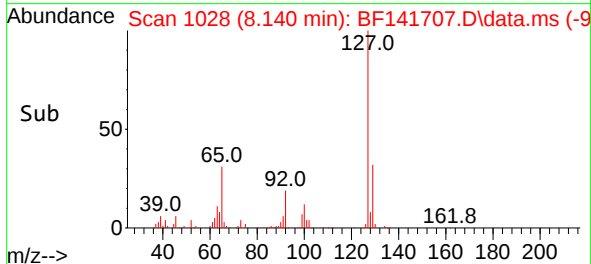
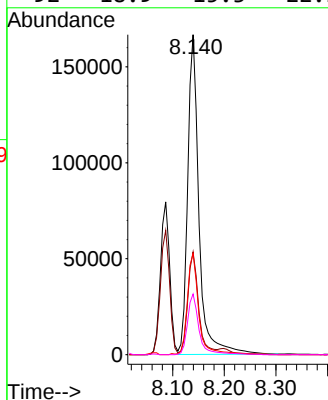
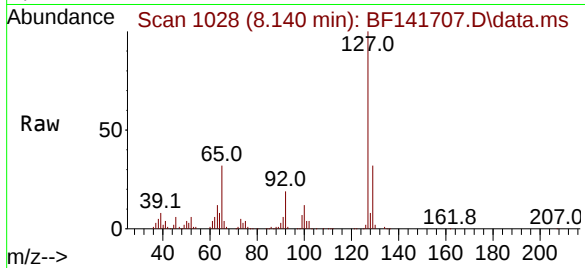




#33
4-Chloroaniline
Concen: 40.247 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

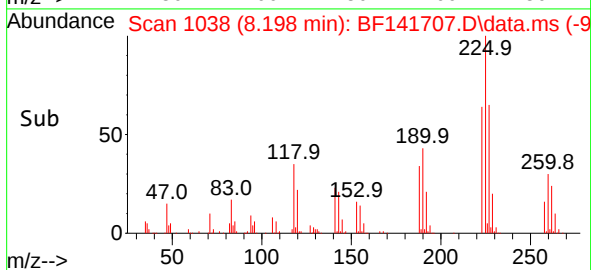
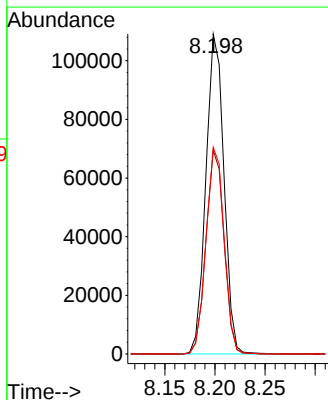
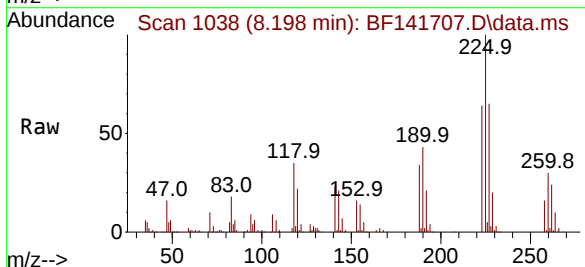
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

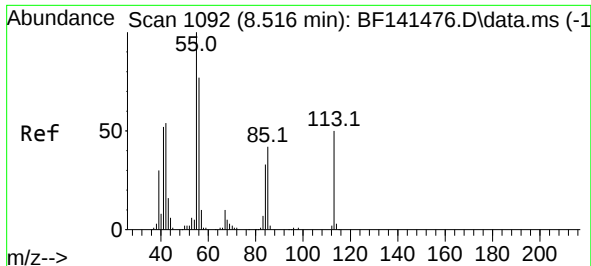
Tgt Ion:	127	Resp:	253295
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.5	39.7
65	31.7	26.4	39.6
92	18.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.146 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:	225	Resp:	136759
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.1	75.1
227	64.6	51.0	76.6

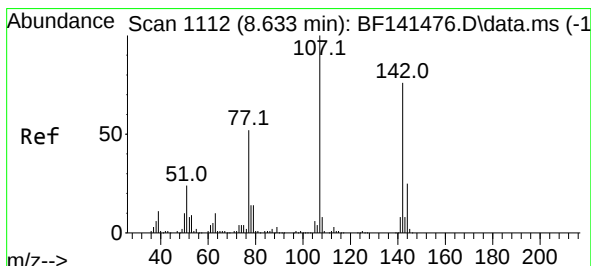
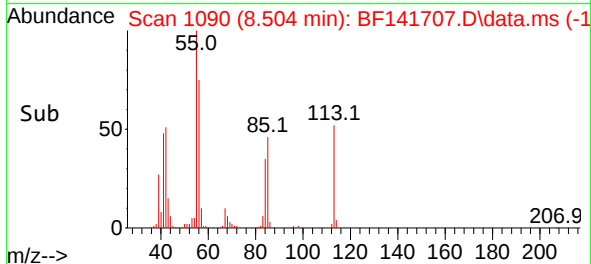
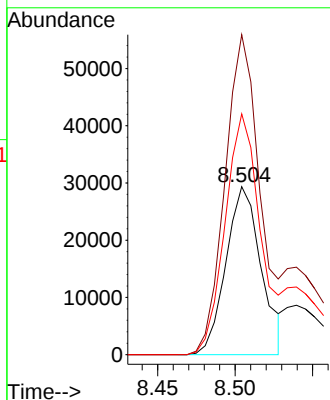
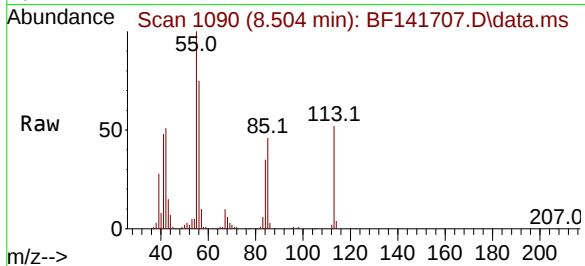




#35
 Caprolactam
 Concen: 29.966 ng
 RT: 8.504 min Scan# 1109
 Delta R.T. -0.041 min
 Lab File: BF141707.D
 Acq: 20 Feb 2025 17:09

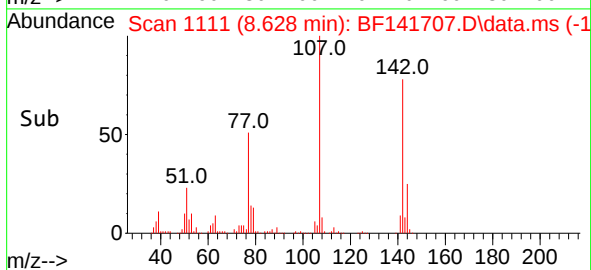
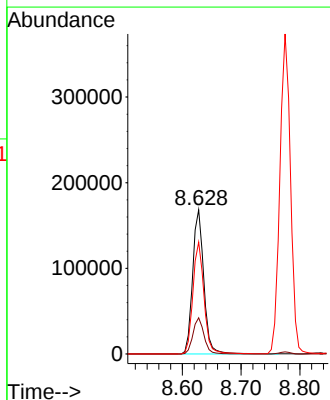
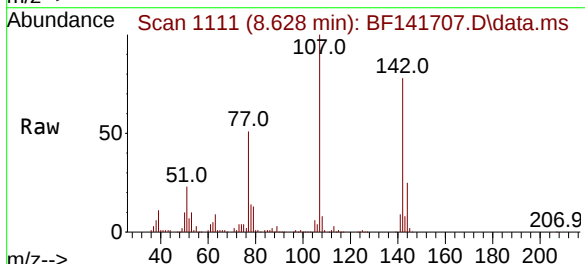
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

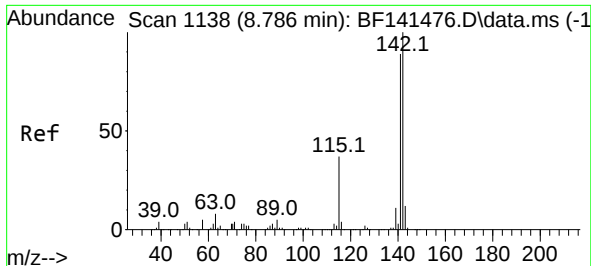
Tgt Ion:113 Resp: 46387
 Ion Ratio Lower Upper
 113 100
 55 190.5 180.8 220.8
 56 143.4 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.707 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141707.D
 Acq: 20 Feb 2025 17:09

Tgt Ion:107 Resp: 223621
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.7 29.5
 142 77.6 60.8 91.2





#37

2-Methylnaphthalene

Concen: 39.945 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

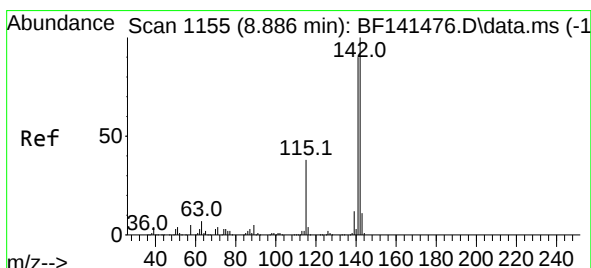
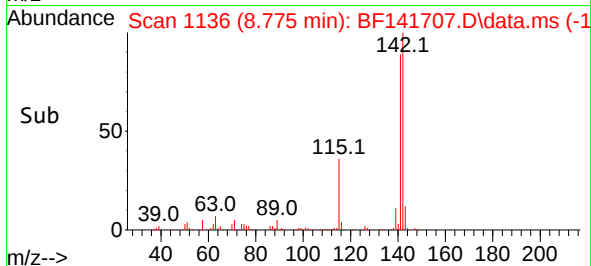
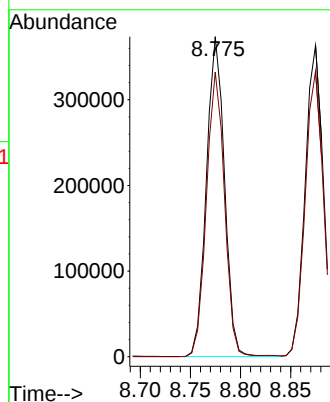
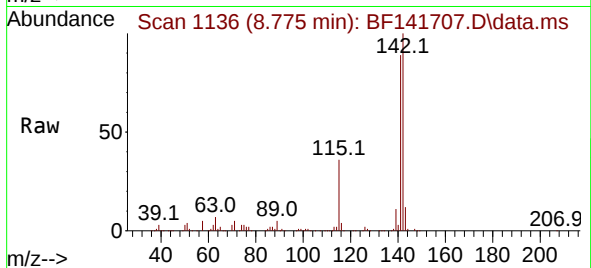
SSTDCCC040EC

Tgt Ion:142 Resp: 468555

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8



#38

1-Methylnaphthalene

Concen: 39.795 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141707.D

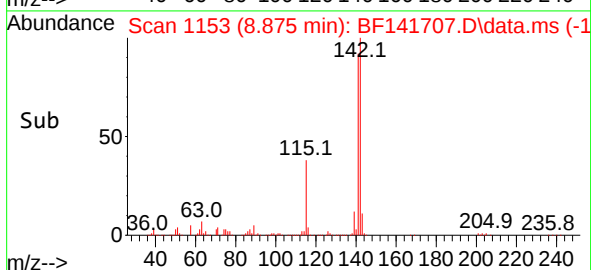
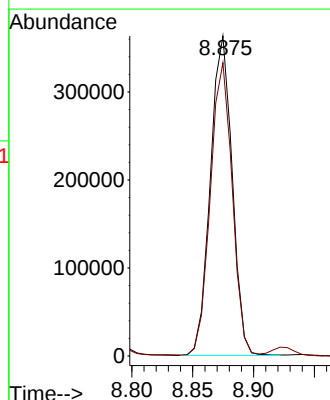
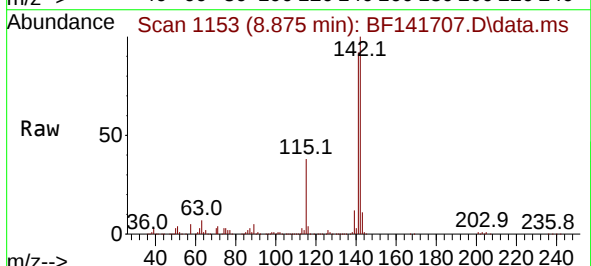
Acq: 20 Feb 2025 17:09

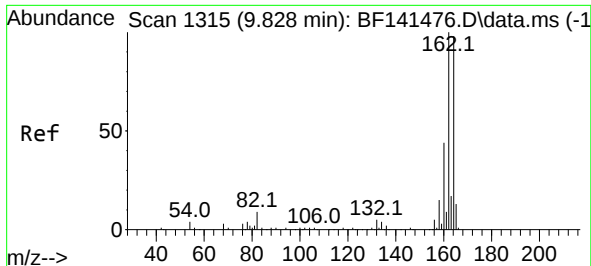
Tgt Ion:142 Resp: 452107

Ion Ratio Lower Upper

142 100

141 91.7 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: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

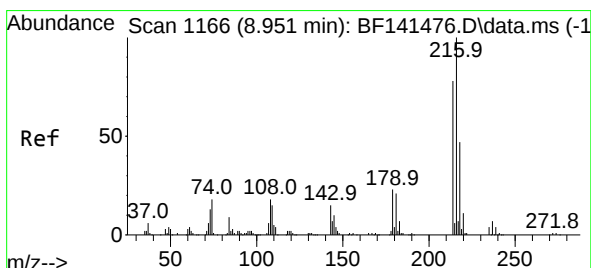
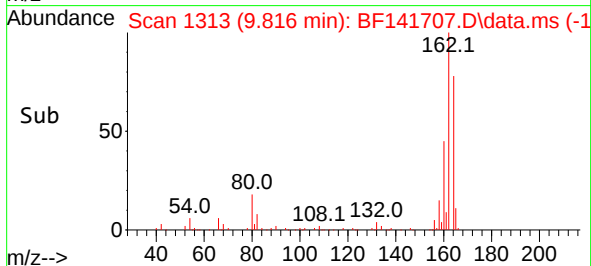
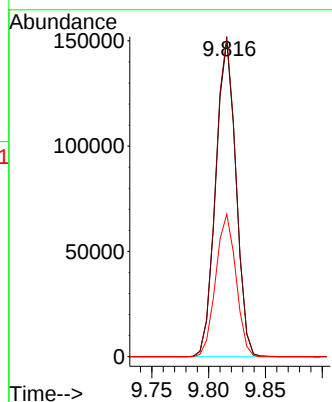
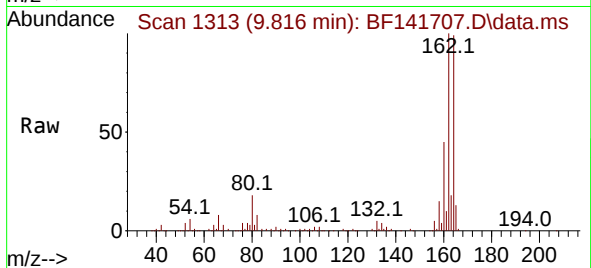
Tgt Ion:164 Resp: 185494

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 45.1 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.395 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Tgt Ion:216 Resp: 222151

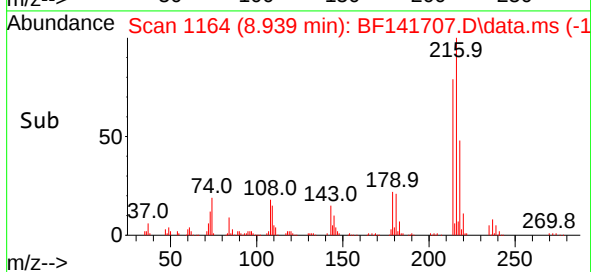
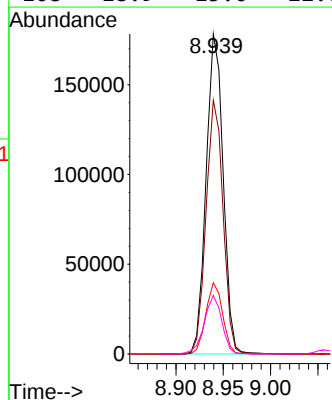
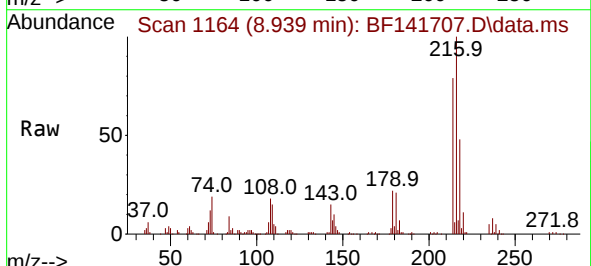
Ion Ratio Lower Upper

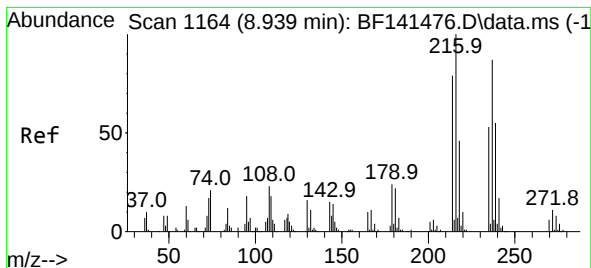
216 100

214 79.3 62.3 93.5

179 21.9 18.0 27.0

108 18.9 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 52.019 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

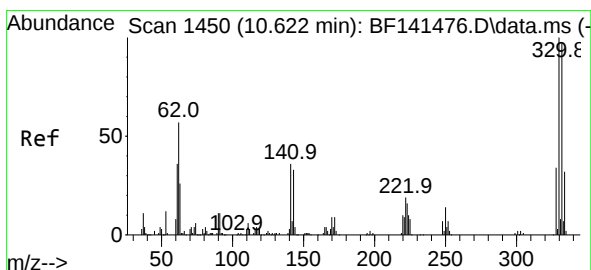
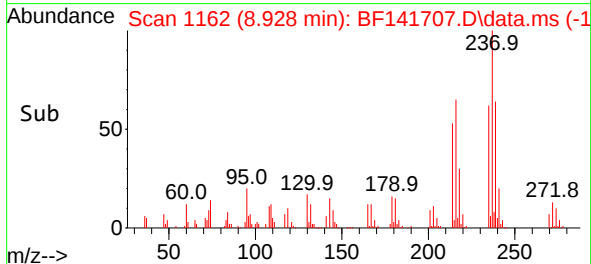
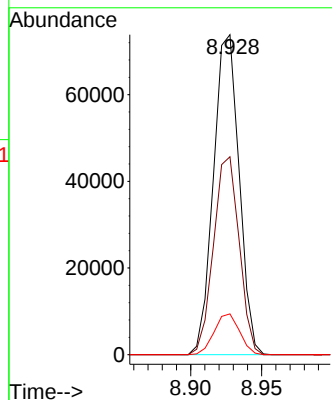
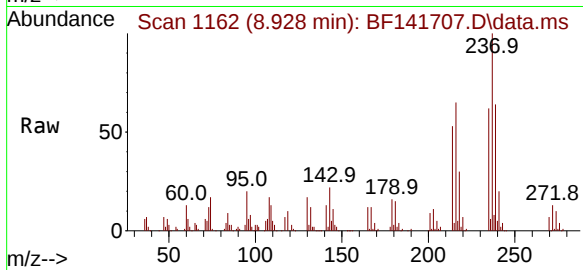
Tgt Ion:237 Resp: 92852

Ion Ratio Lower Upper

237 100

235 61.9 41.4 81.4

272 12.8 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 79.140 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

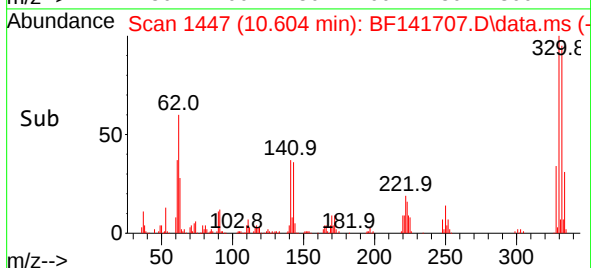
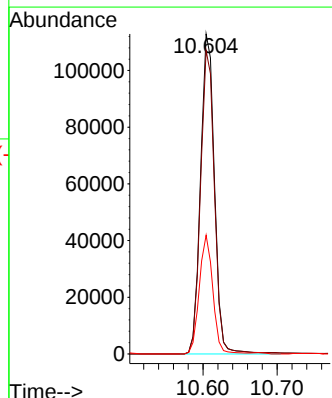
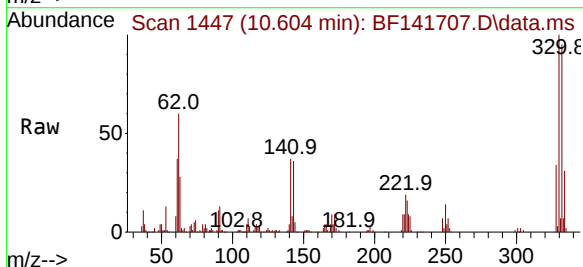
Tgt Ion:330 Resp: 147468

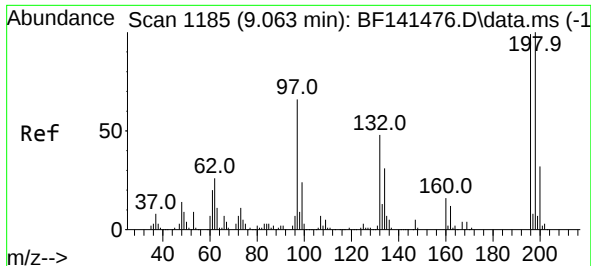
Ion Ratio Lower Upper

330 100

332 94.5 78.5 117.7

141 36.1 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 40.855 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

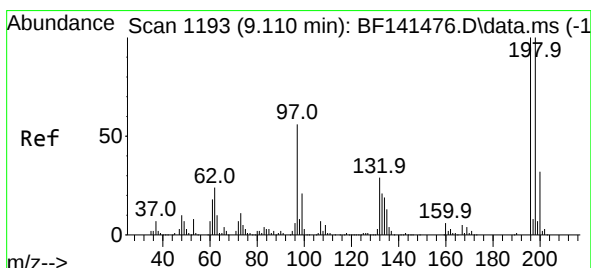
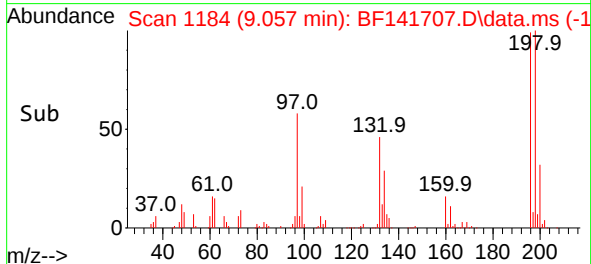
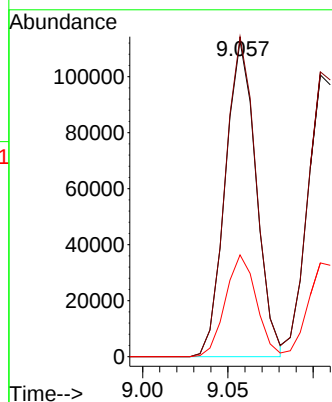
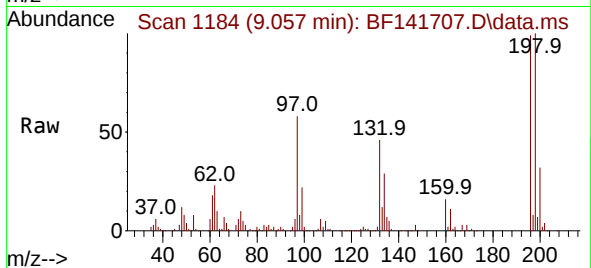
Tgt Ion:196 Resp: 141705

Ion Ratio Lower Upper

196 100

198 101.3 80.6 121.0

200 32.2 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 40.484 ng

RT: 9.104 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Tgt Ion:196 Resp: 152182

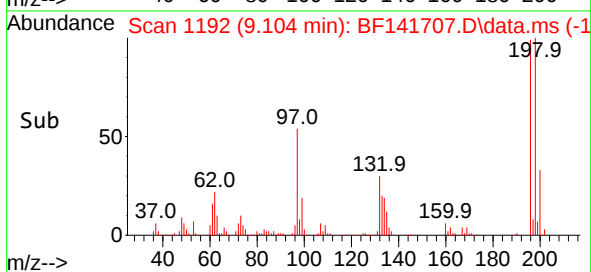
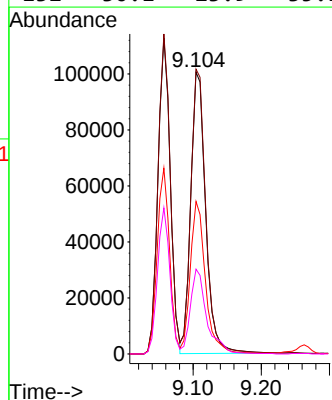
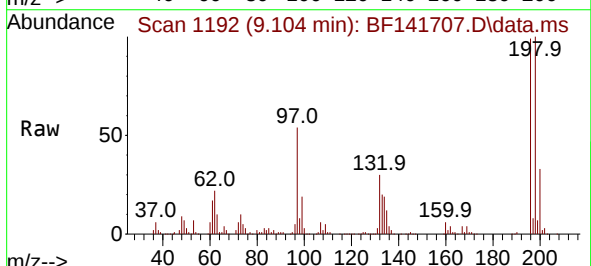
Ion Ratio Lower Upper

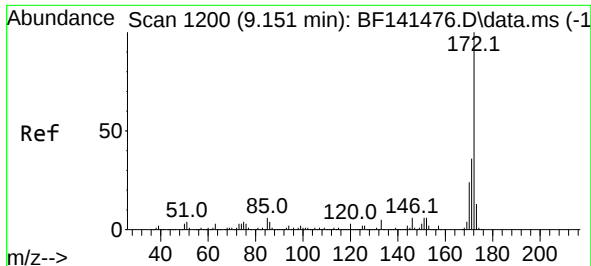
196 100

198 101.1 79.8 119.8

97 54.1 44.8 67.2

132 30.1 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 81.821 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

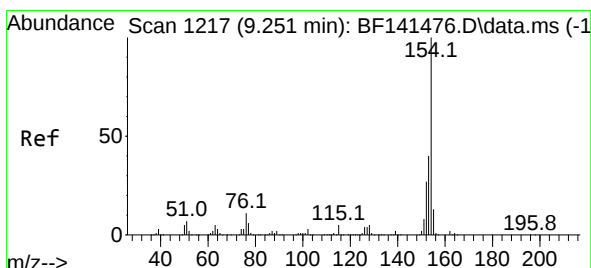
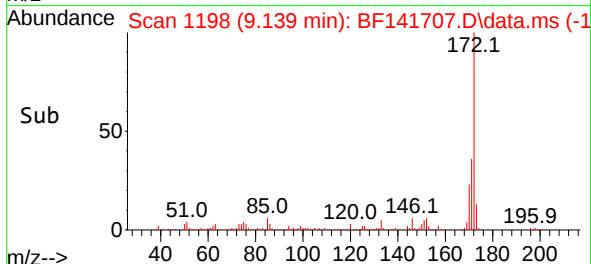
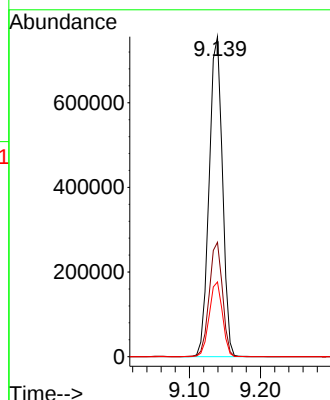
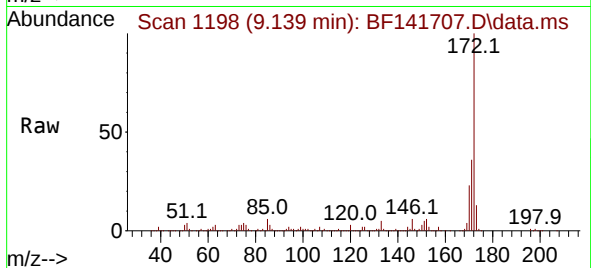
Tgt Ion:172 Resp: 985125

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 40.963 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

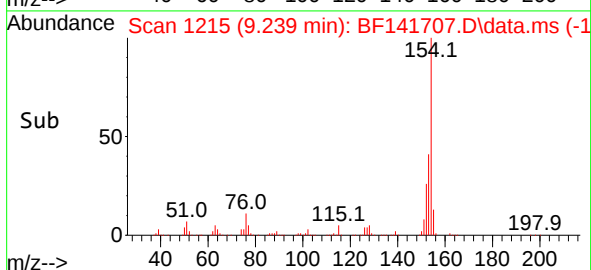
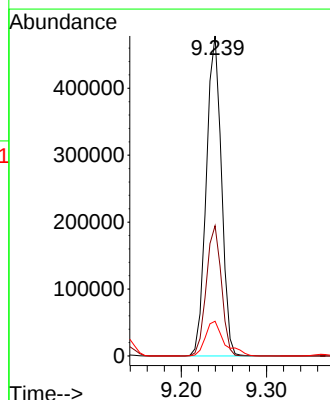
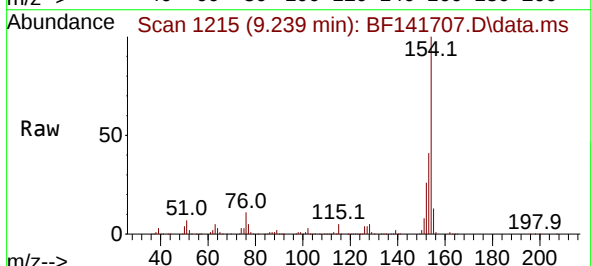
Tgt Ion:154 Resp: 589083

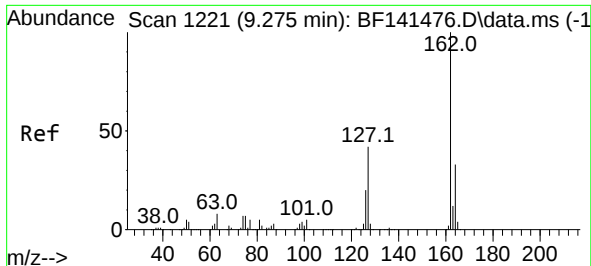
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 10.9 0.0 30.8

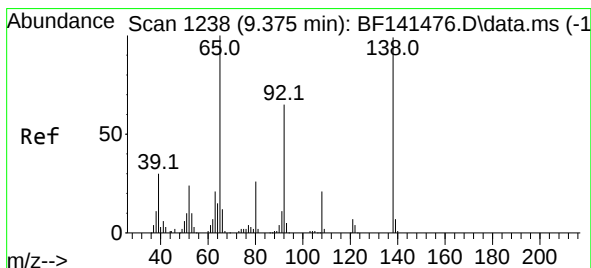
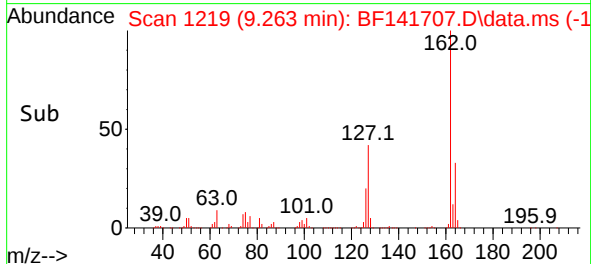
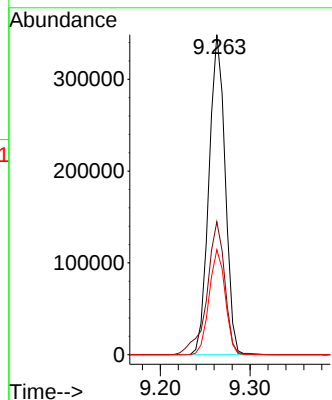
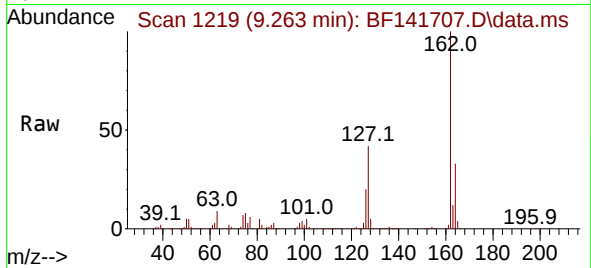




#47
2-Chloronaphthalene
Concen: 41.034 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

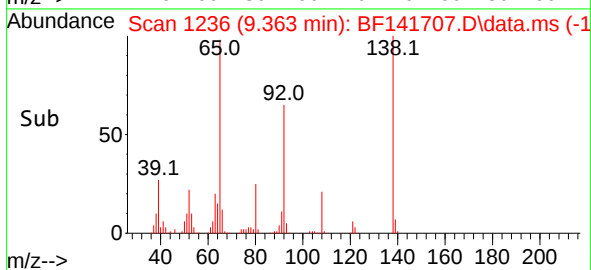
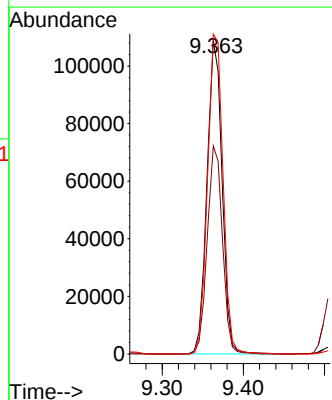
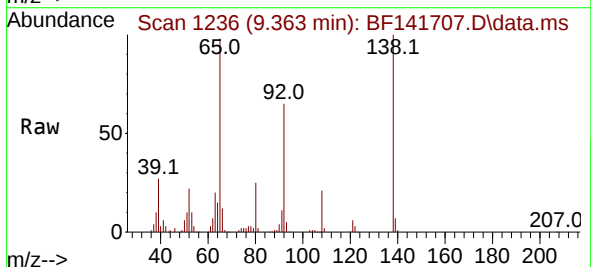
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

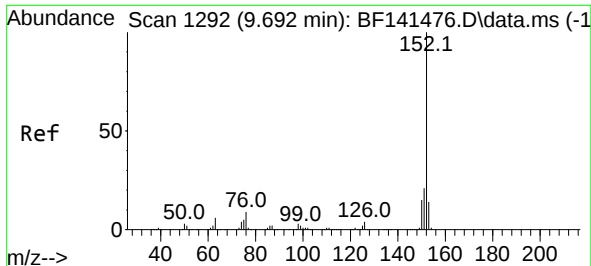
Tgt Ion:162 Resp: 436372
Ion Ratio Lower Upper
162 100
127 41.5 34.1 51.1
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 39.348 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion: 65 Resp: 140428
Ion Ratio Lower Upper
65 100
92 66.5 52.2 78.2
138 102.2 79.5 119.3





#49

Acenaphthylene

Concen: 40.245 ng

RT: 9.675 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

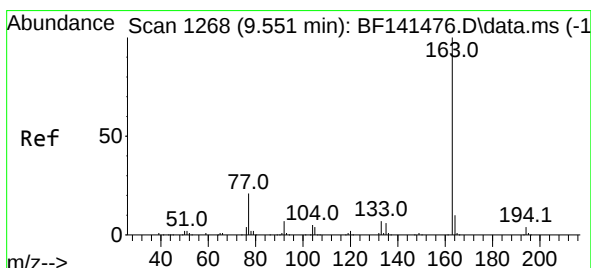
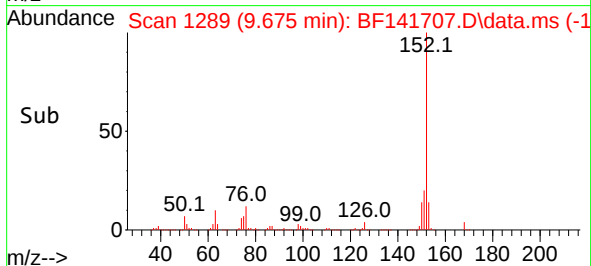
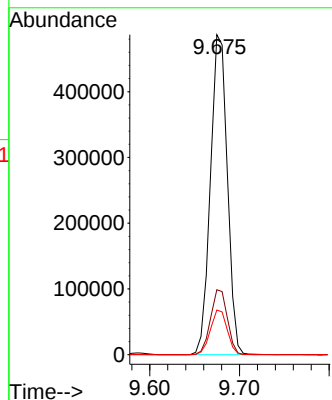
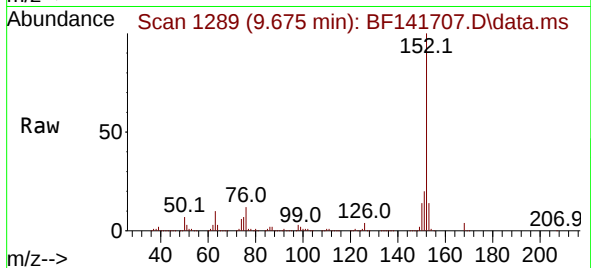
Tgt Ion:152 Resp: 636570

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.9 10.9 16.3



#50

Dimethylphthalate

Concen: 41.114 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

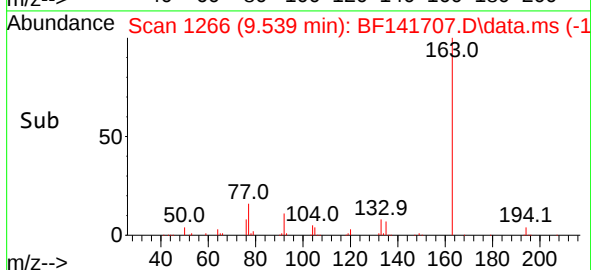
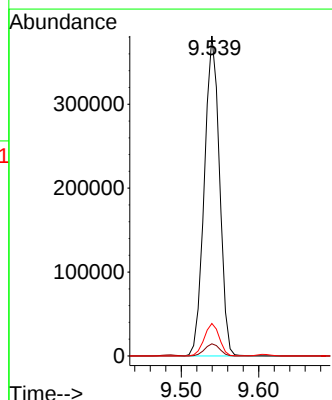
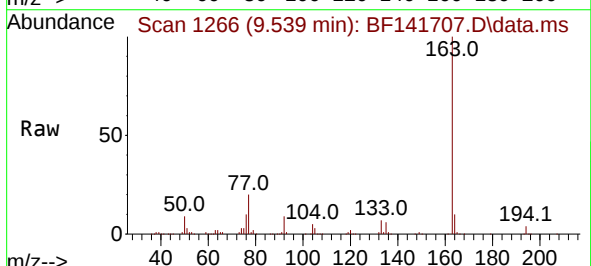
Tgt Ion:163 Resp: 517733

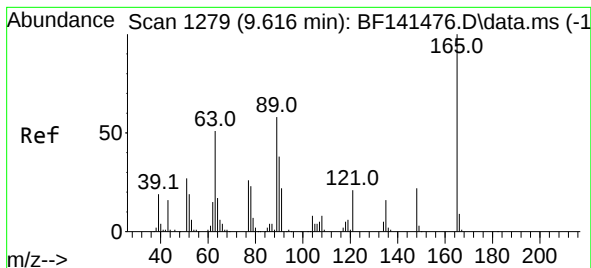
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 41.165 ng

RT: 9.604 min Scan# 1319

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

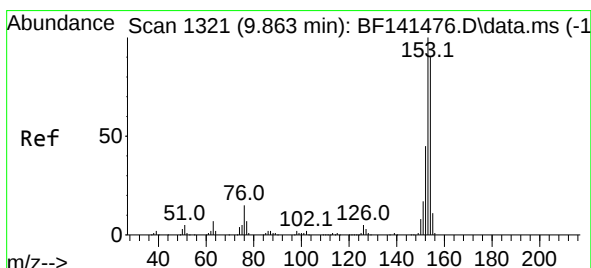
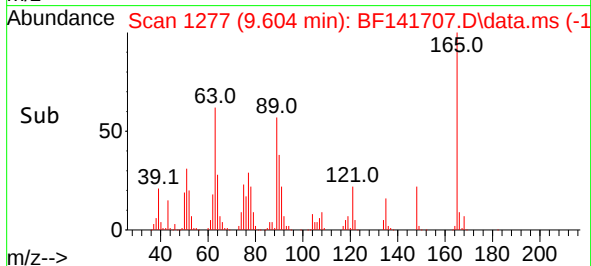
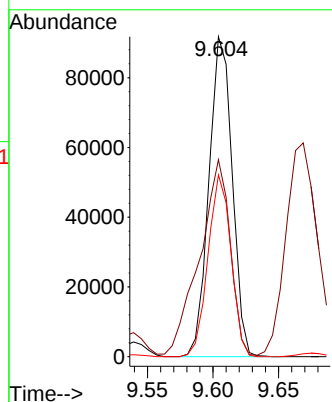
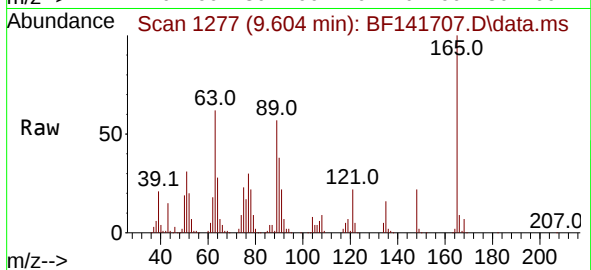
Tgt Ion:165 Resp: 113320

Ion Ratio Lower Upper

165 100

63 61.5 49.4 74.0

89 56.8 46.5 69.7



#52

Acenaphthene

Concen: 39.387 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

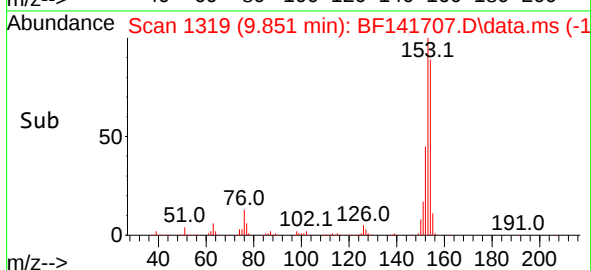
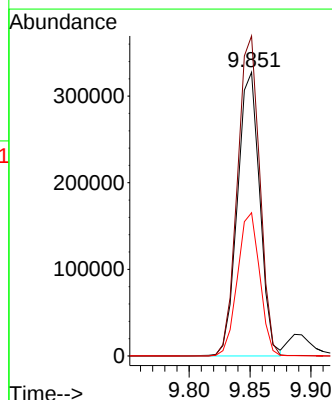
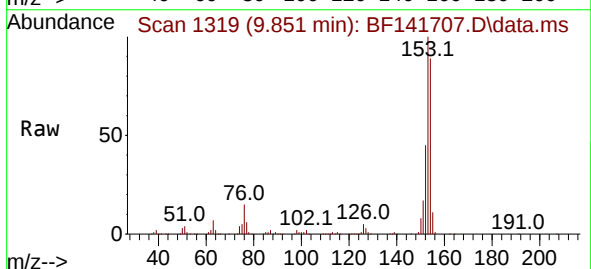
Tgt Ion:154 Resp: 418833

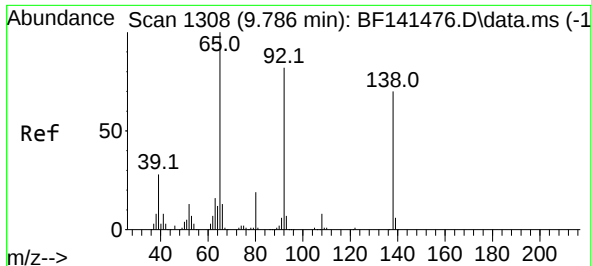
Ion Ratio Lower Upper

154 100

153 112.8 89.2 133.8

152 50.5 39.8 59.8

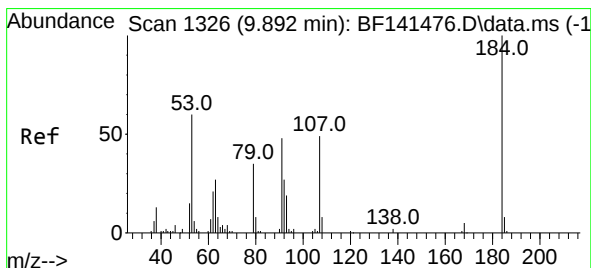
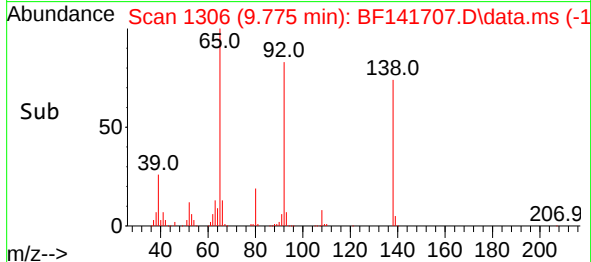
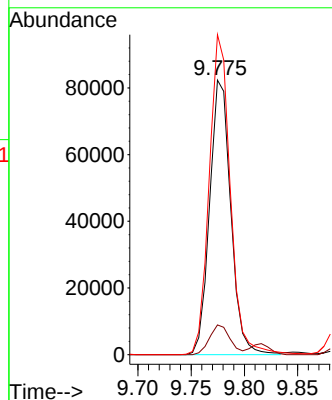
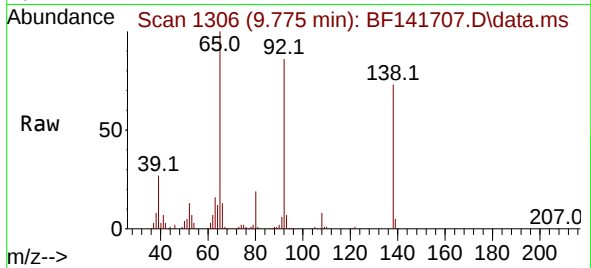




#53
3-Nitroaniline
Concen: 38.451 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

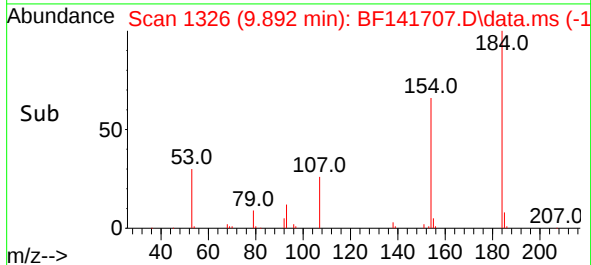
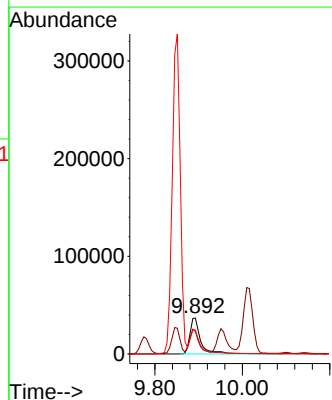
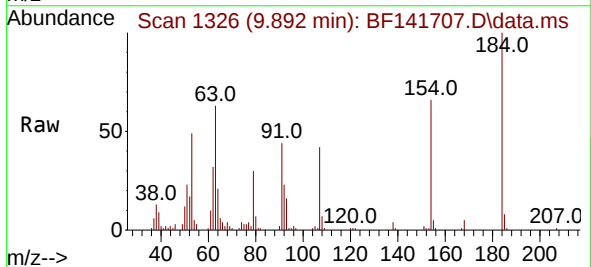
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

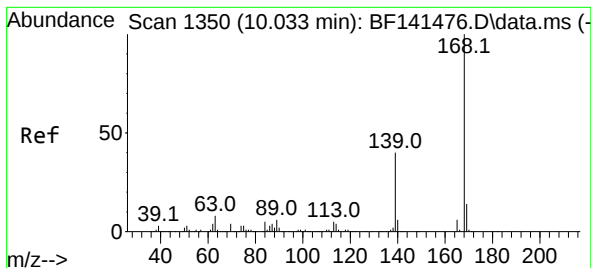
Tgt Ion:138 Resp: 113925
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 116.5 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 39.281 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:184 Resp: 64268
Ion Ratio Lower Upper
184 100
63 63.0 61.0 91.6
154 66.2 59.9 89.9

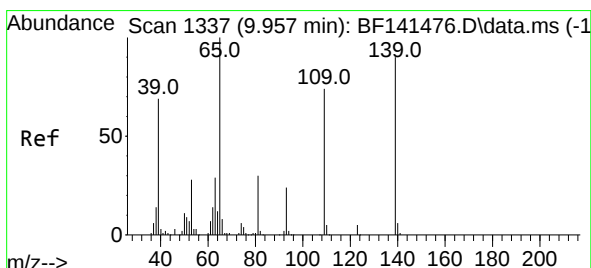
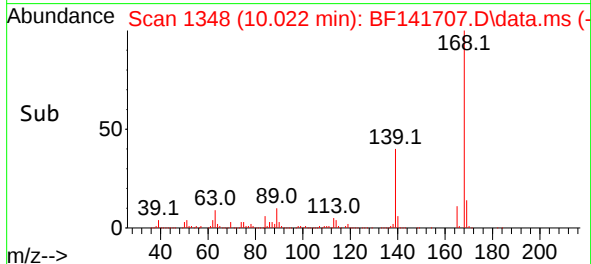
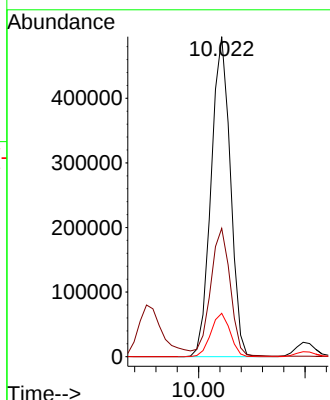
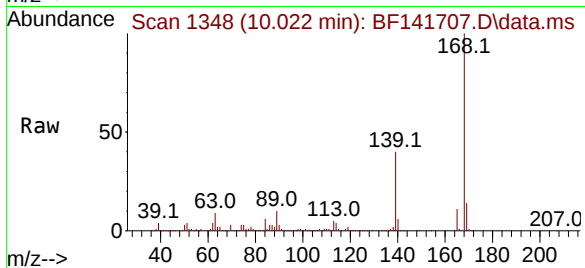




#55
Dibenzenofuran
Concen: 39.676 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

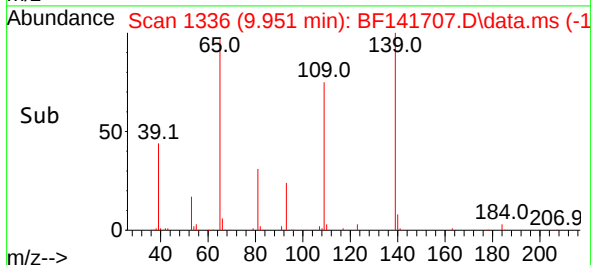
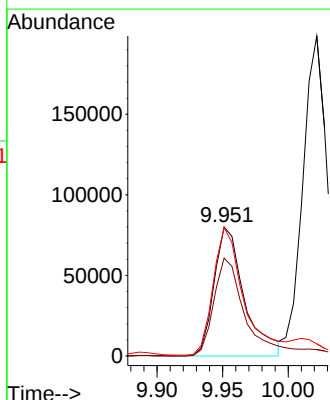
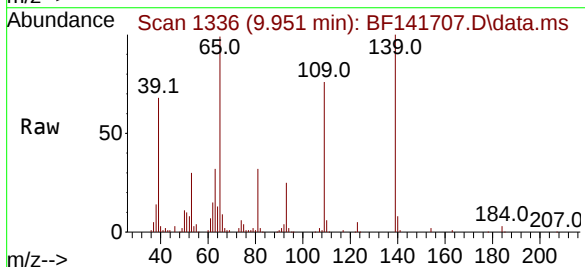
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

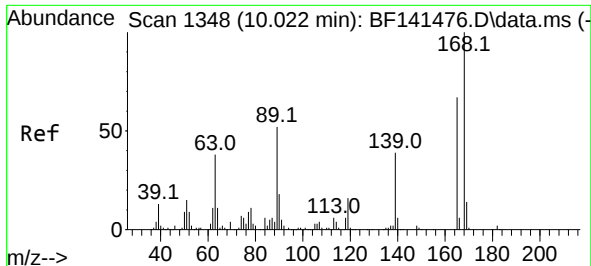
Tgt Ion:168 Resp: 619287
Ion Ratio Lower Upper
168 100
139 40.1 32.7 49.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 58.361 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:139 Resp: 128362
Ion Ratio Lower Upper
139 100
109 75.9 62.0 102.0
65 99.5 91.2 131.2

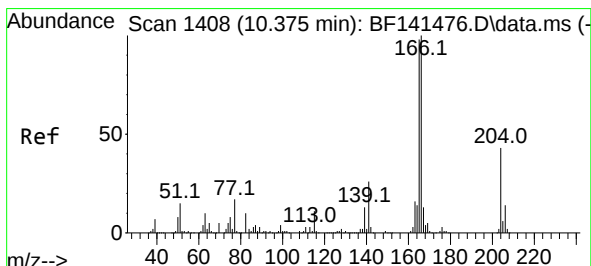
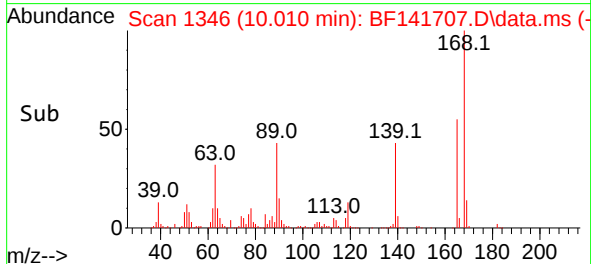
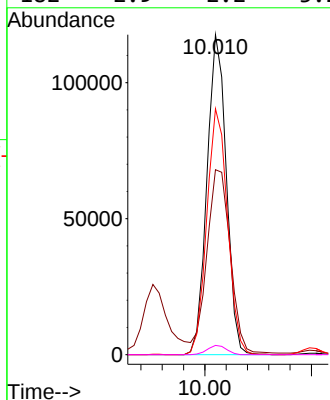
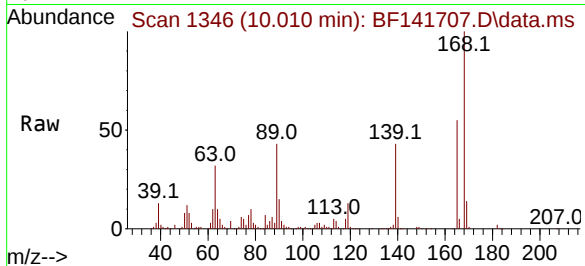




#57
2,4-Dinitrotoluene
Concen: 40.436 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

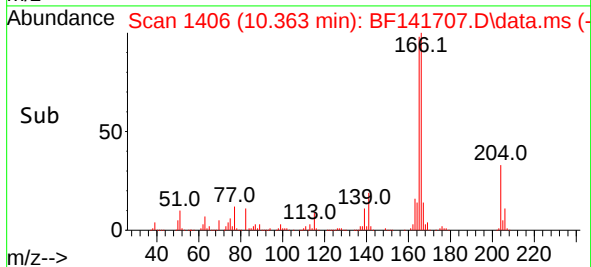
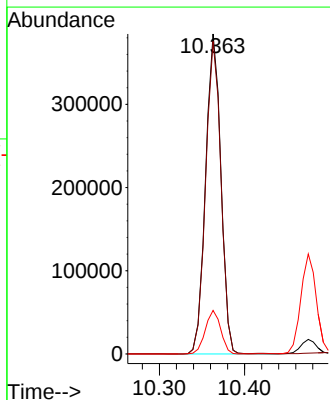
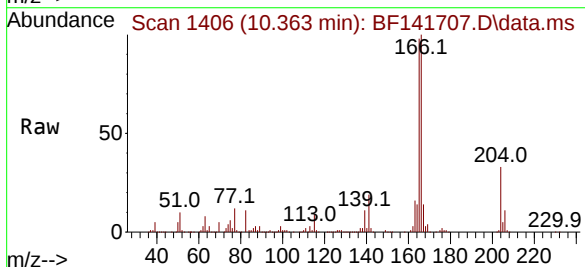
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

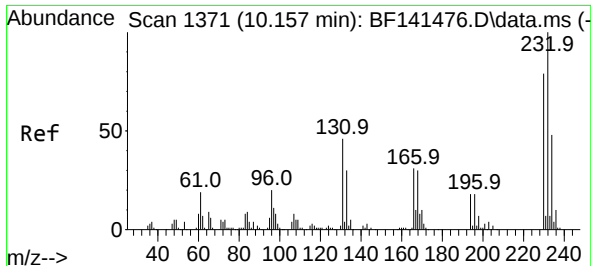
Tgt Ion:165 Resp: 148187
Ion Ratio Lower Upper
165 100
63 57.8 46.4 69.6
89 76.9 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 39.706 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:166 Resp: 479194
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.6 10.7 16.1

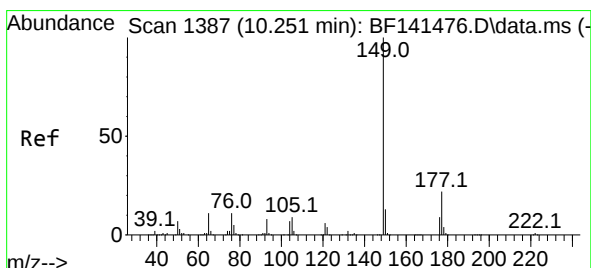
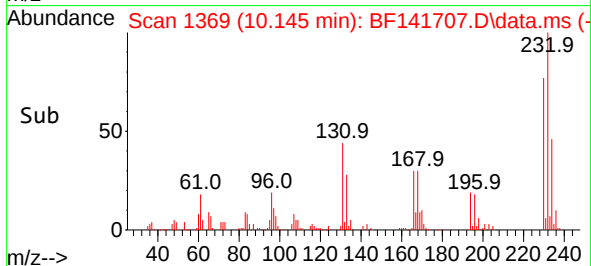
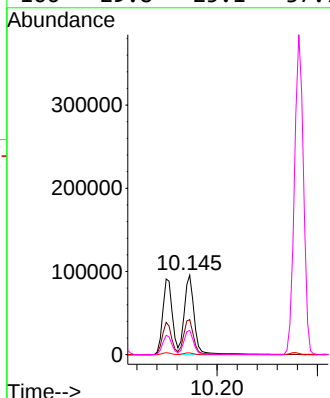
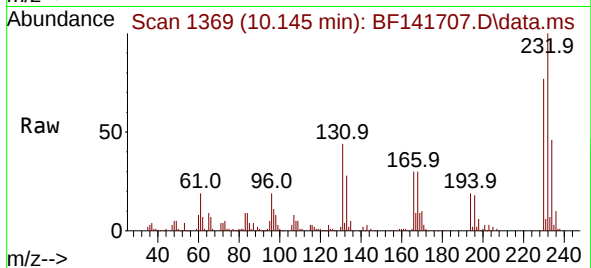




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.303 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

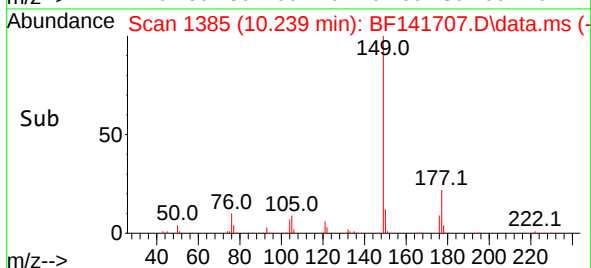
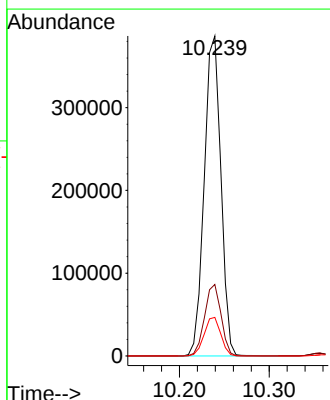
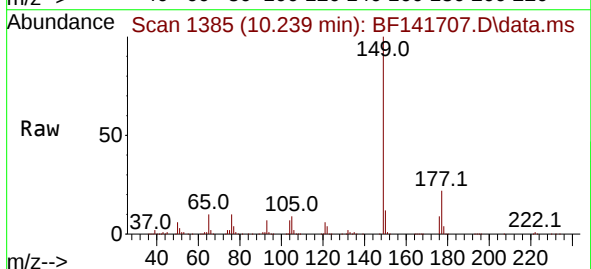
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

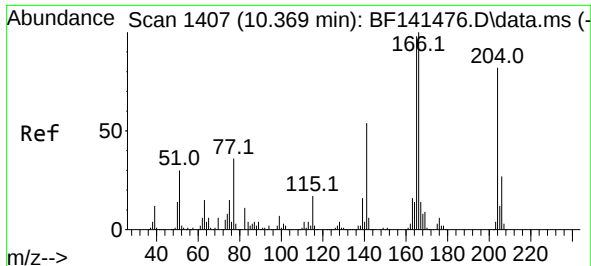
Tgt Ion:232 Resp: 130431
Ion Ratio Lower Upper
232 100
131 44.9 39.2 58.8
130 2.2 2.1 3.1
166 29.8 25.1 37.7



#60
Diethylphthalate
Concen: 40.216 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:149 Resp: 498264
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.0 10.1 15.1

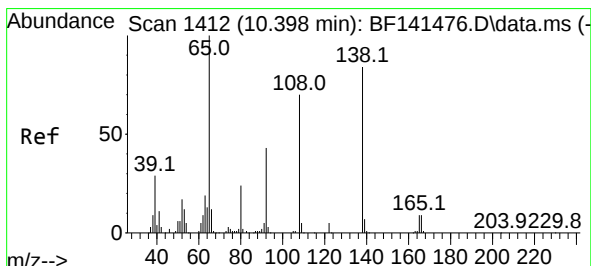
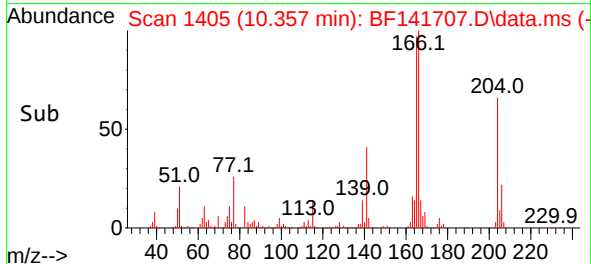
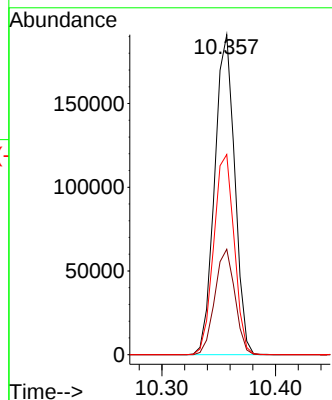
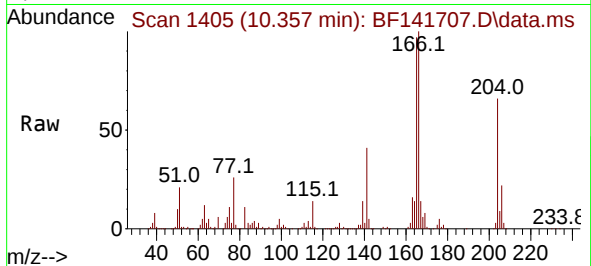




#61
4-Chlorophenyl-phenylether
Concen: 40.461 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

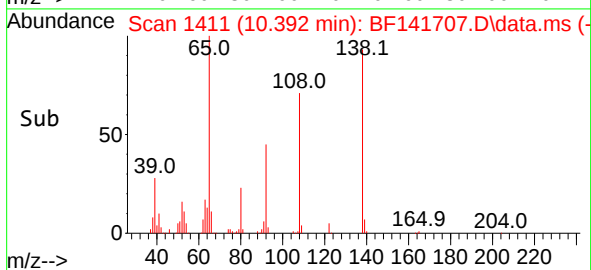
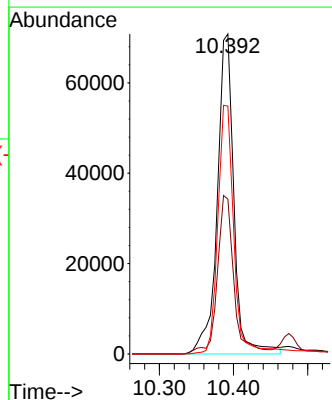
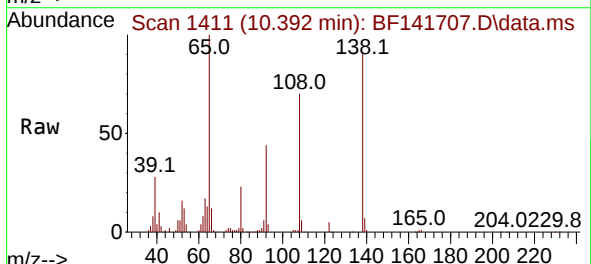
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

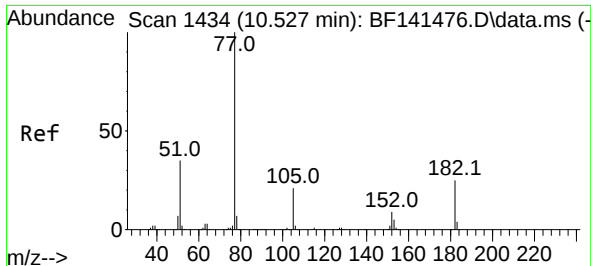
Tgt Ion:204 Resp: 234915
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 62.5 51.9 77.9



#62
4-Nitroaniline
Concen: 36.727 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:138 Resp: 110495
Ion Ratio Lower Upper
138 100
92 48.4 31.3 71.3
108 77.4 63.7 103.7

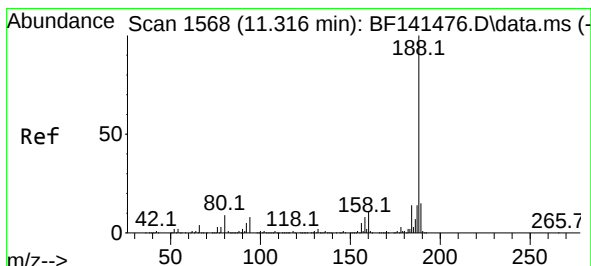
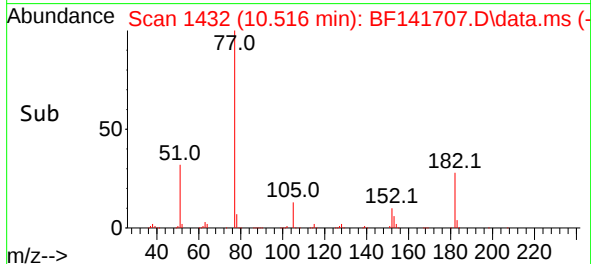
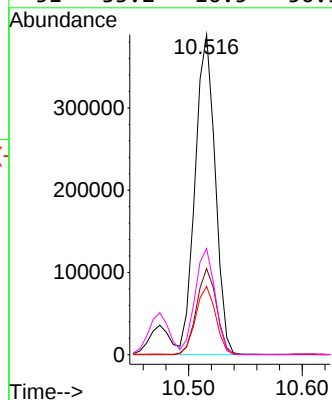
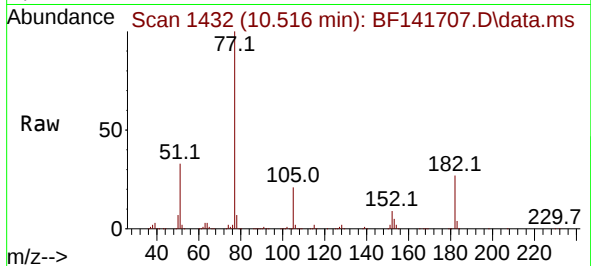




#63
Azobenzene
Concen: 38.532 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

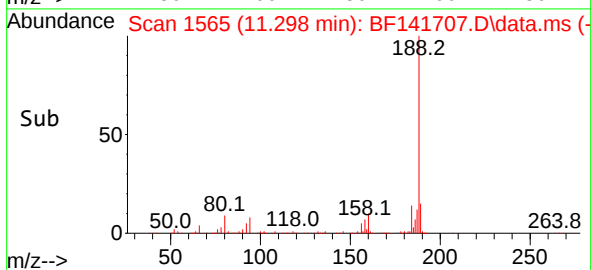
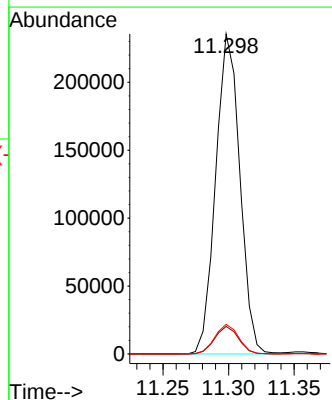
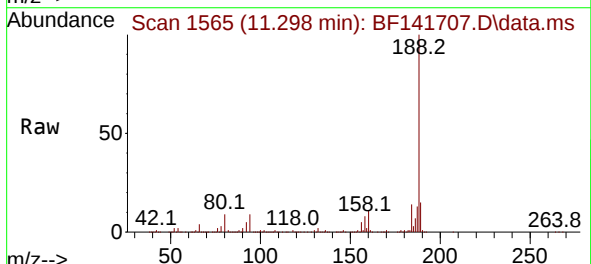
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

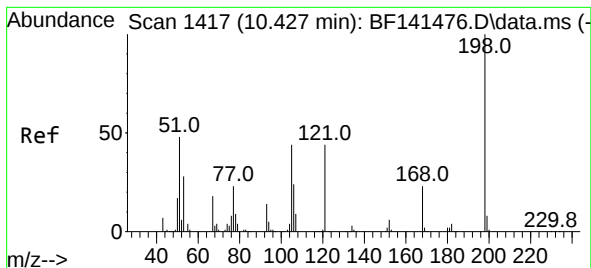
Tgt Ion:	77	Resp:	474593
Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.7	44.7
105	21.4	0.4	40.4
51	33.2	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:	188	Resp:	301785
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.6	10.0
80	9.2	7.3	10.9

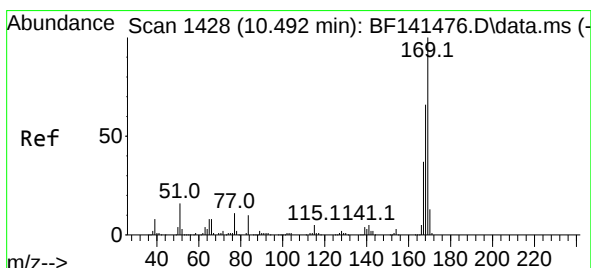
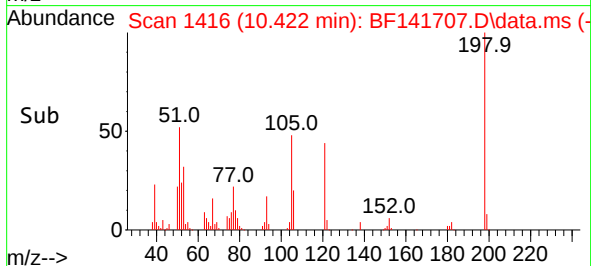
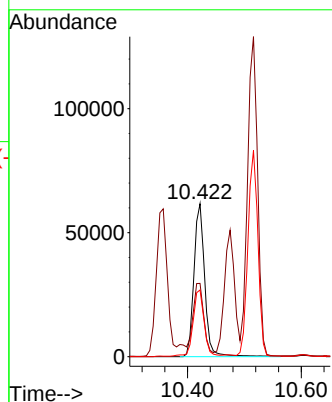
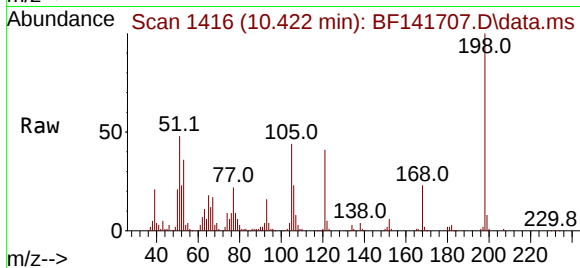




#65
4,6-Dinitro-2-methylphenol
Concen: 39.122 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

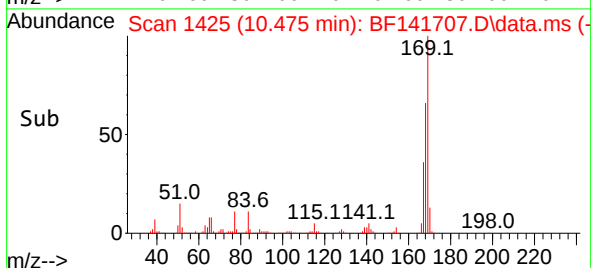
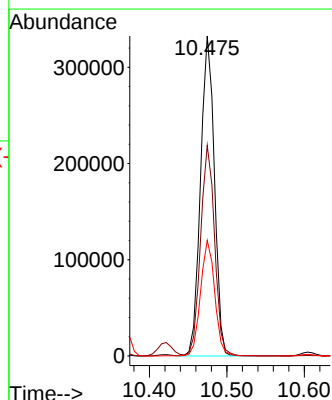
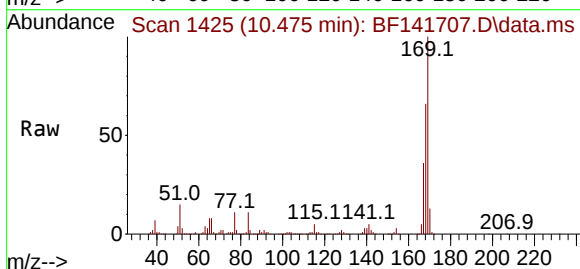
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

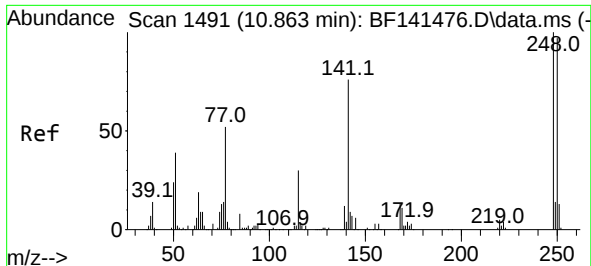
Tgt Ion:198 Resp: 82013
Ion Ratio Lower Upper
198 100
51 47.9 37.4 77.4
105 43.7 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 42.691 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:169 Resp: 412415
Ion Ratio Lower Upper
169 100
168 65.8 53.3 79.9
167 36.1 29.4 44.2

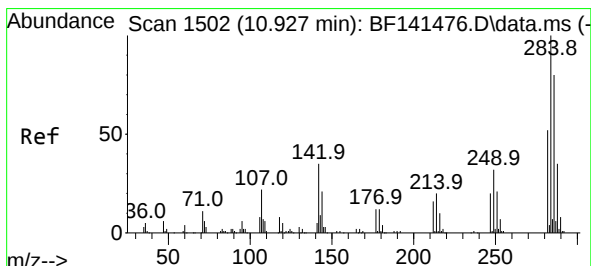
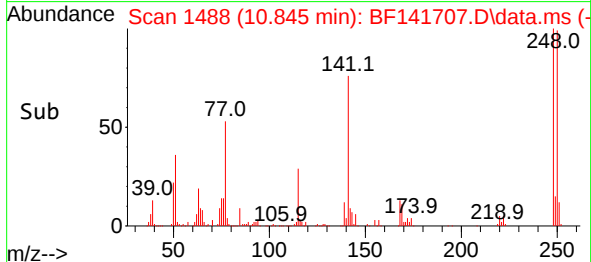
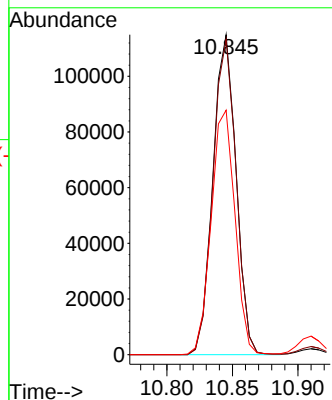
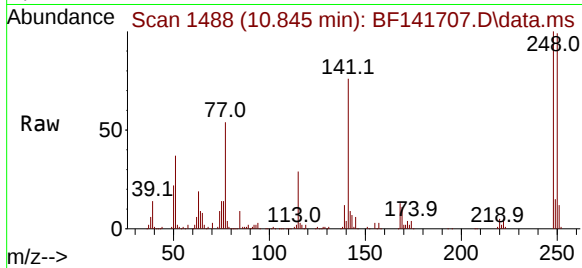




#67
4-Bromophenyl-phenylether
Concen: 41.918 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

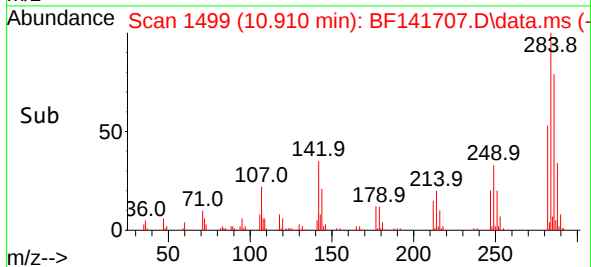
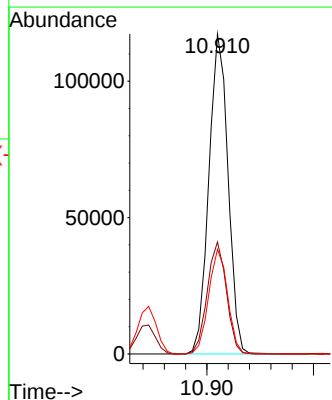
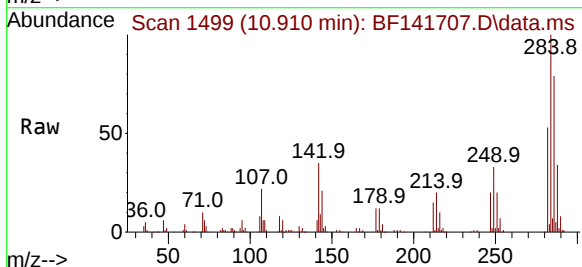
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

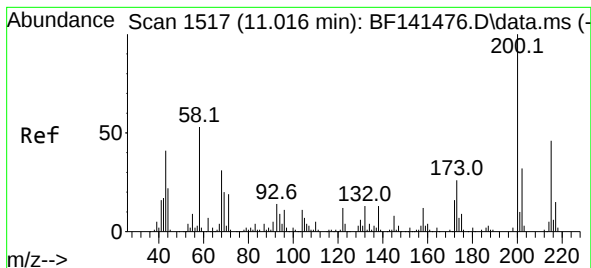
Tgt Ion:248 Resp: 141384
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.6
141 76.4 60.6 90.8



#68
Hexachlorobenzene
Concen: 42.297 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:284 Resp: 146904
Ion Ratio Lower Upper
284 100
142 35.0 28.0 42.0
249 32.7 25.8 38.8





#69

Atrazine

Concen: 36.491 ng

RT: 11.004 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

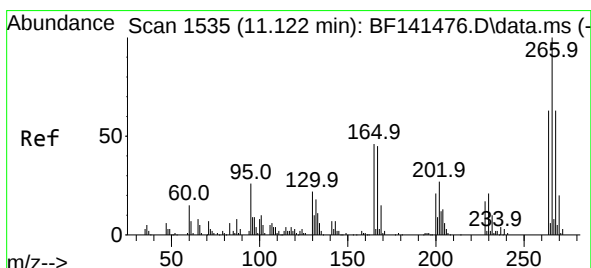
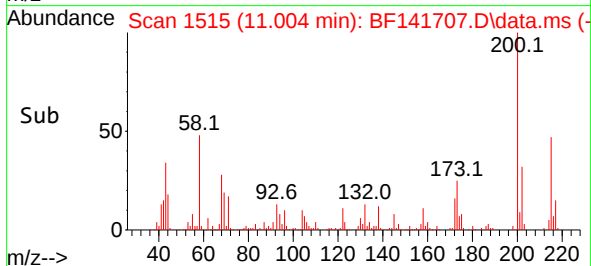
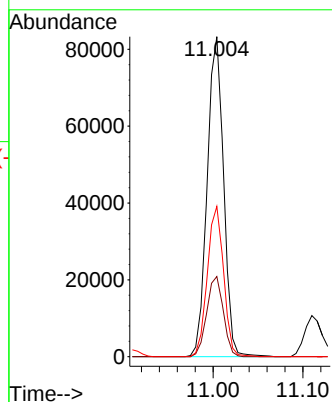
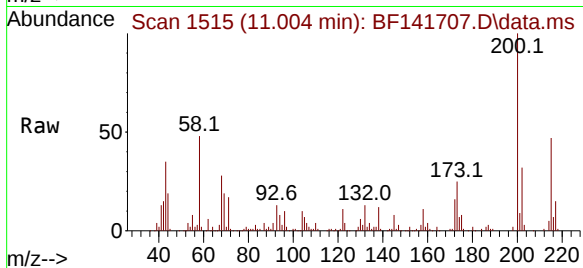
Tgt Ion:200 Resp: 105755

Ion Ratio Lower Upper

200 100

173 25.0 5.9 45.9

215 46.9 25.9 65.9



#70

Pentachlorophenol

Concen: 39.252 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.017 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

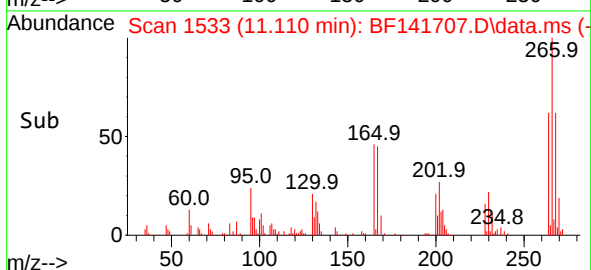
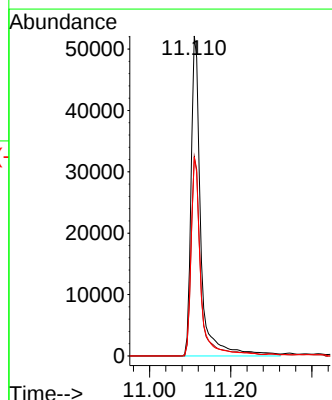
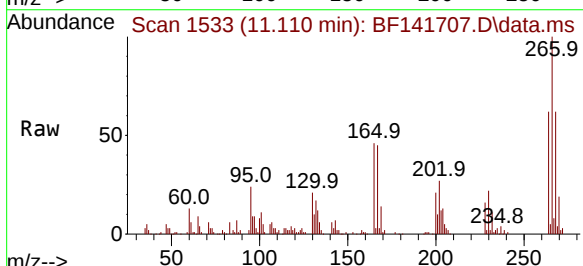
Tgt Ion:266 Resp: 87169

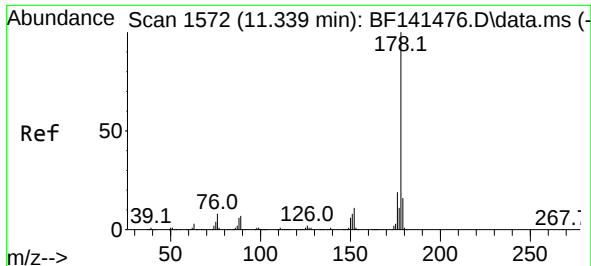
Ion Ratio Lower Upper

266 100

268 62.3 50.1 75.1

264 62.1 50.1 75.1

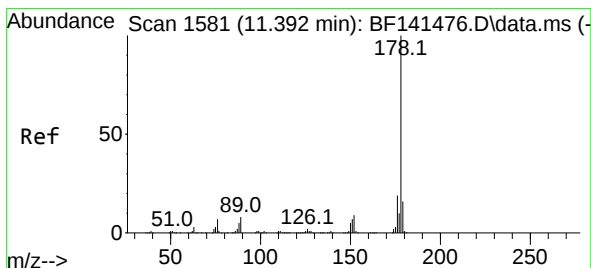
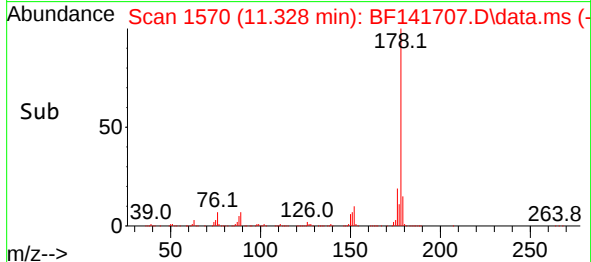
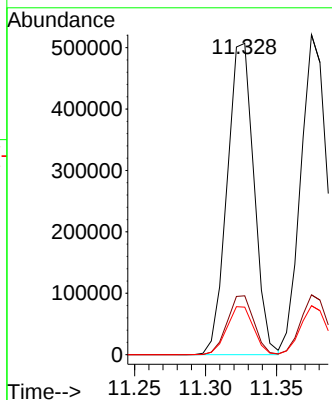
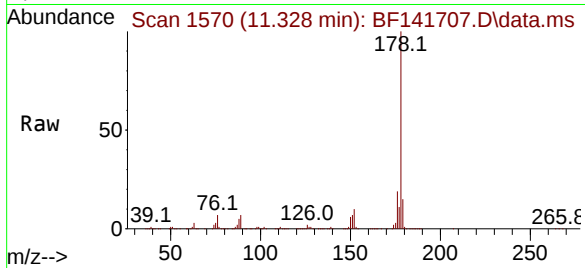




#71
Phenanthrene
Concen: 40.083 ng
RT: 11.328 min Scan# 1572
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

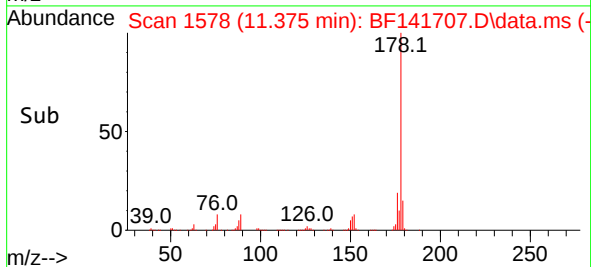
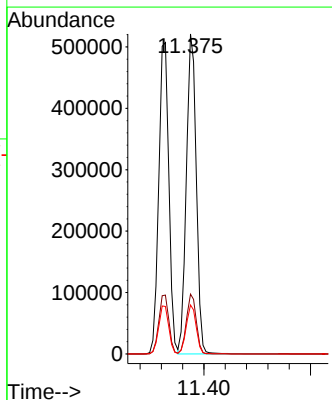
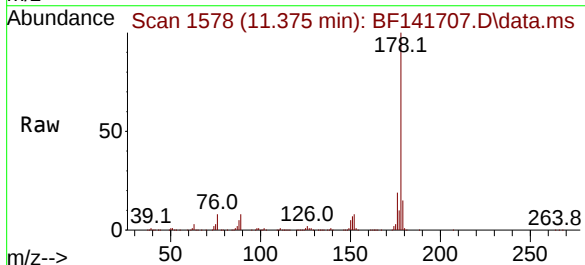
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

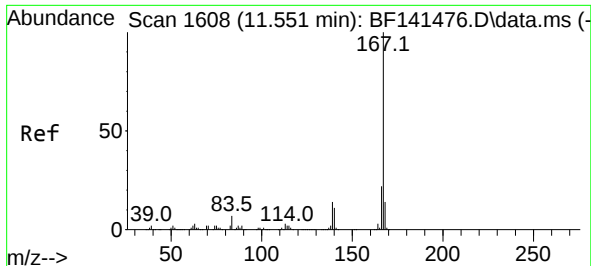
Tgt Ion:178 Resp: 665850
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 40.284 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:178 Resp: 672708
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.3 12.4 18.6

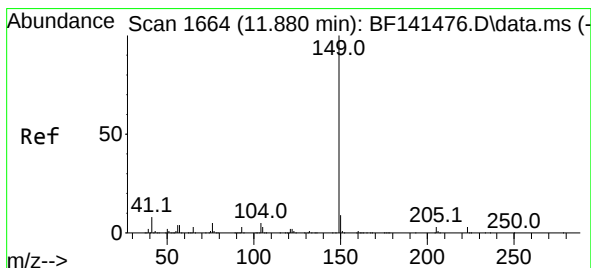
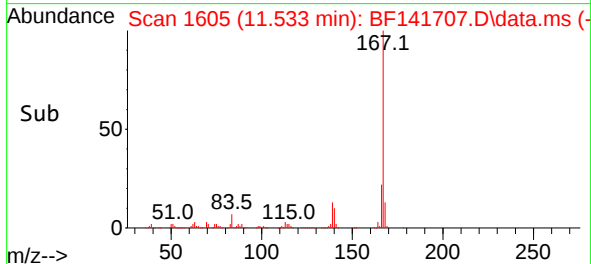
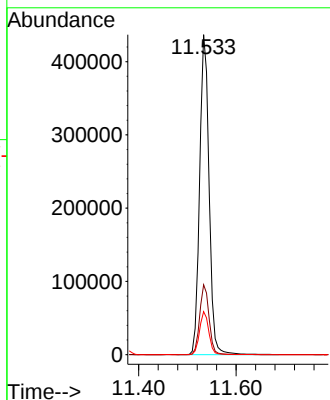
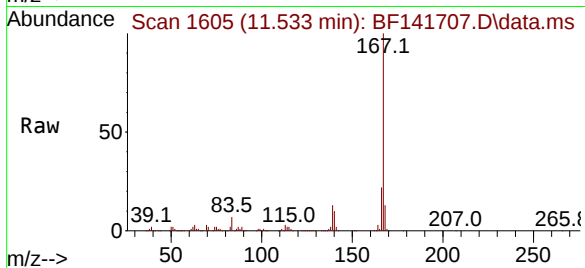




#73
Carbazole
Concen: 39.140 ng
RT: 11.533 min Scan# 1605
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

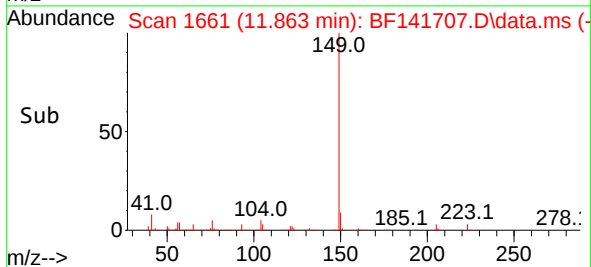
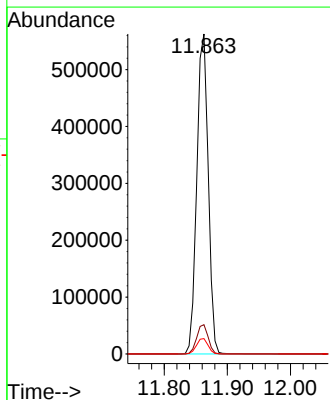
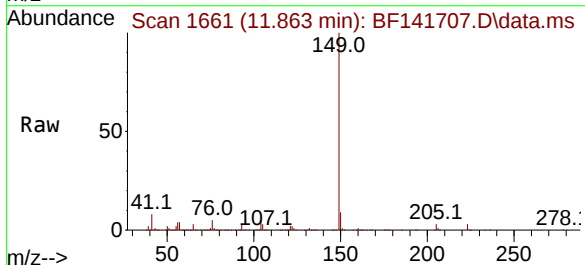
Instrument :
BNA_F
ClientSampleId :
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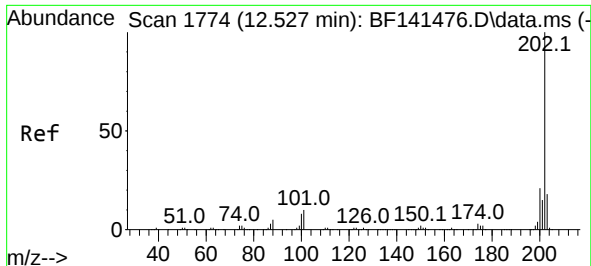
Tgt Ion:167 Resp: 588101
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.4 10.9 16.3



#74
Di-n-butylphthalate
Concen: 40.647 ng
RT: 11.863 min Scan# 1661
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:149 Resp: 705215
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.8 4.2 6.2

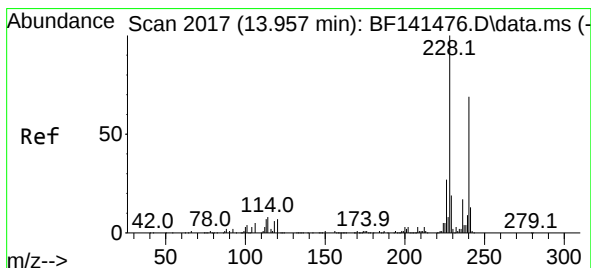
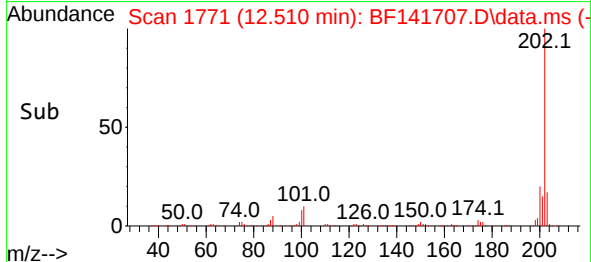
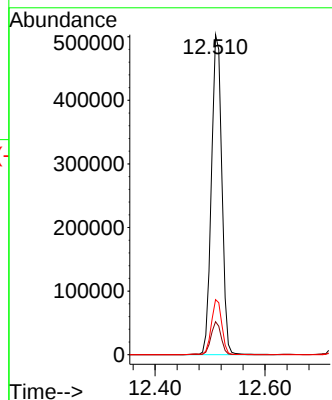
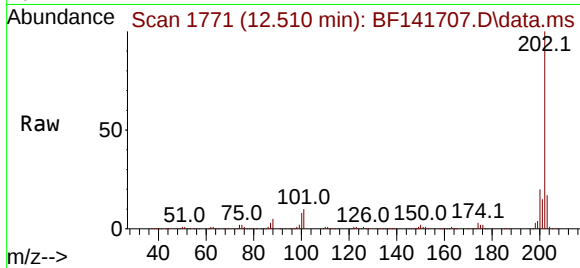




#75
Fluoranthene
Concen: 37.569 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

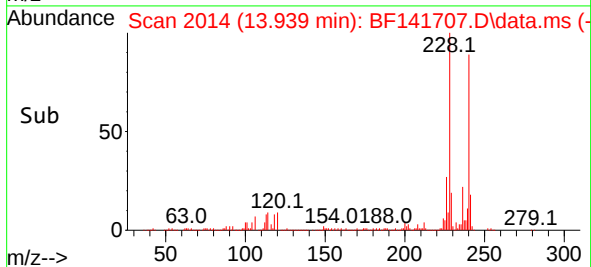
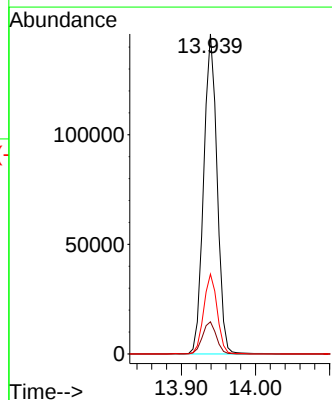
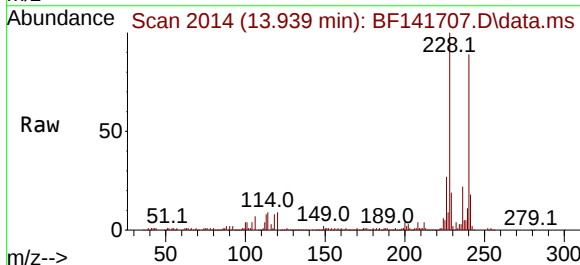
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

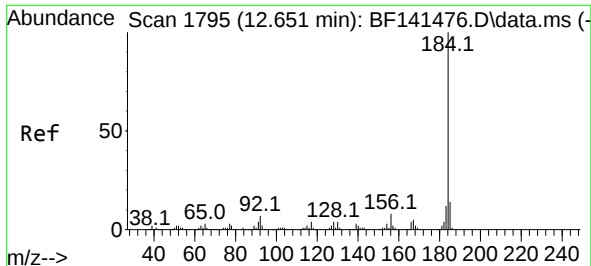
Tgt Ion:202 Resp: 661652
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.2 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:240 Resp: 183935
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 24.9 19.8 29.8

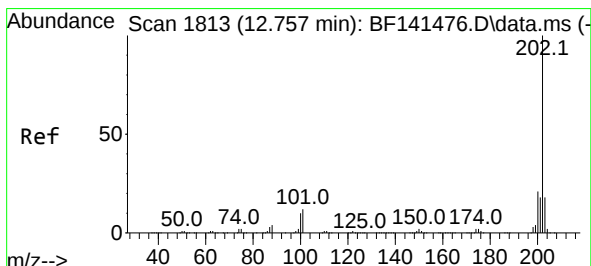
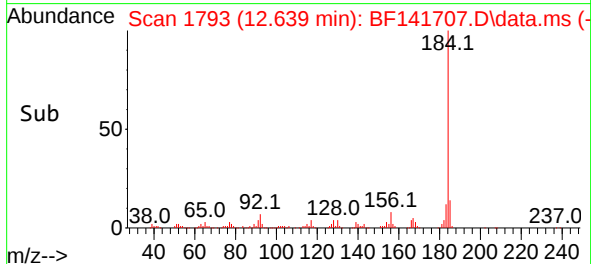
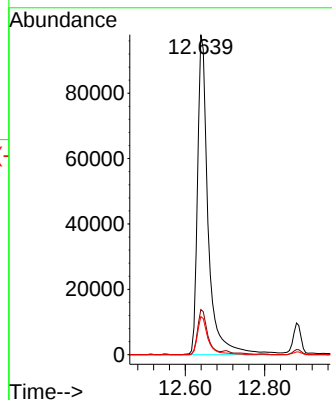
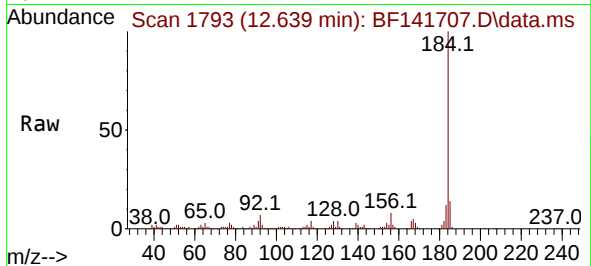




#77
Benzidine
Concen: 45.009 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

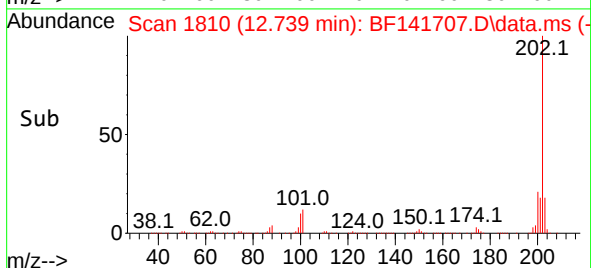
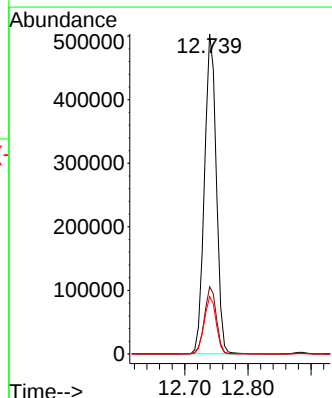
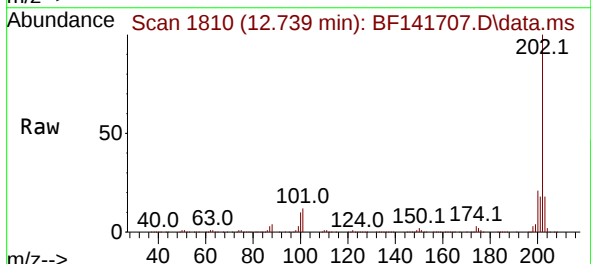
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

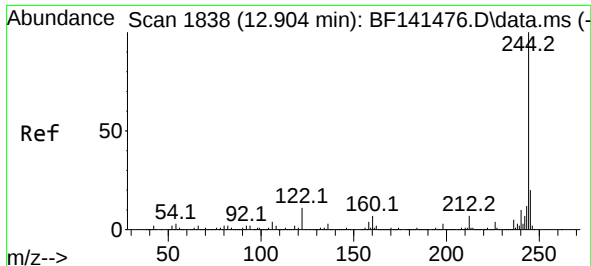
Tgt Ion:184 Resp: 182580
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.9 9.3 13.9



#78
Pyrene
Concen: 41.757 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

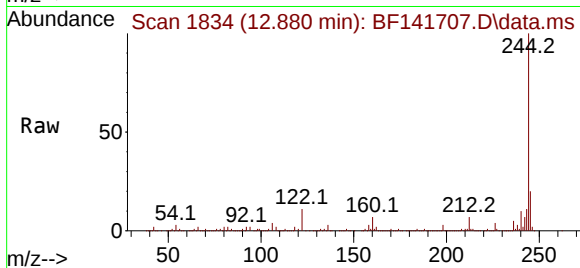
Tgt Ion:202 Resp: 653830
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.0 14.3 21.5



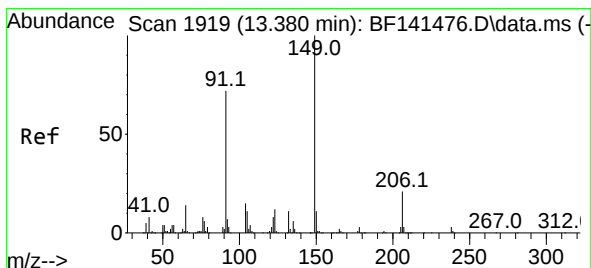
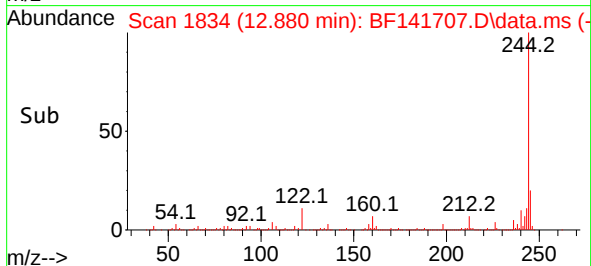
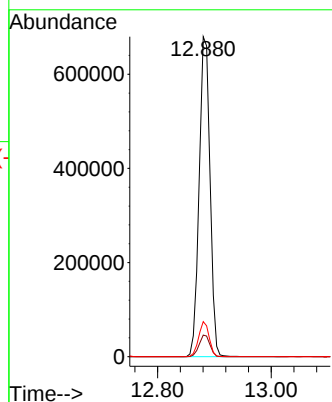


#79
Terphenyl-d14
Concen: 83.229 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

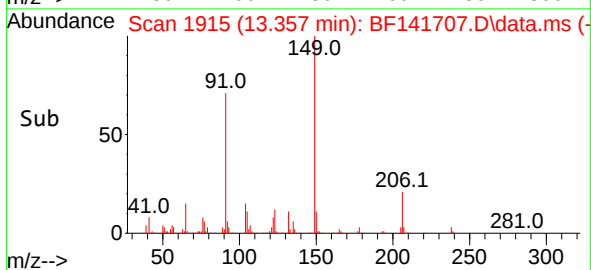
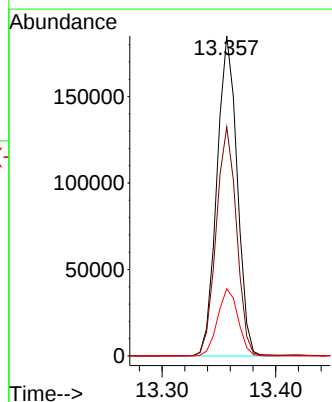
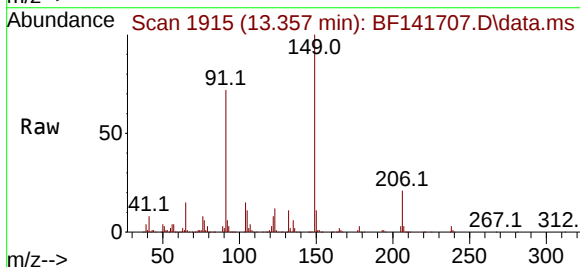


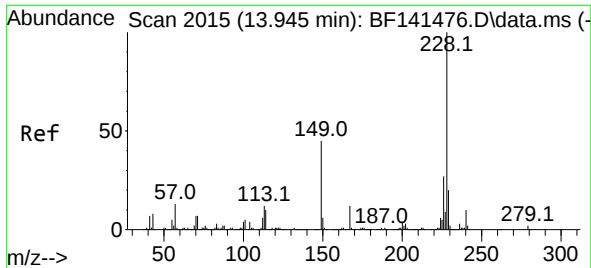
Tgt Ion:244 Resp: 906822
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.0 8.4 12.6



#80
Butylbenzylphthalate
Concen: 42.347 ng
RT: 13.357 min Scan# 1915
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:149 Resp: 229665
Ion Ratio Lower Upper
149 100
91 71.5 57.8 86.8
206 21.0 16.7 25.1

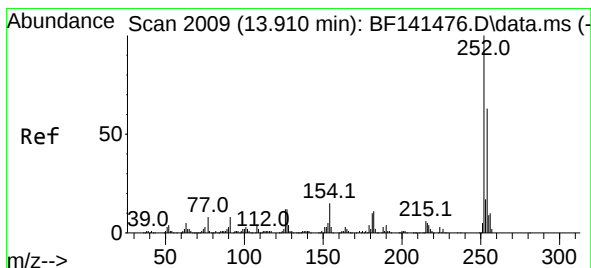
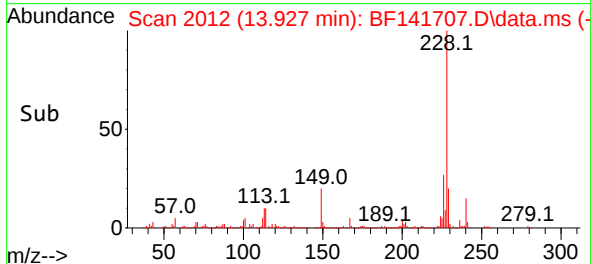
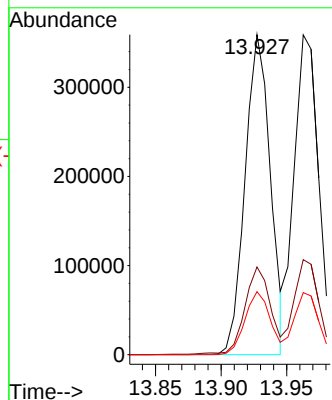
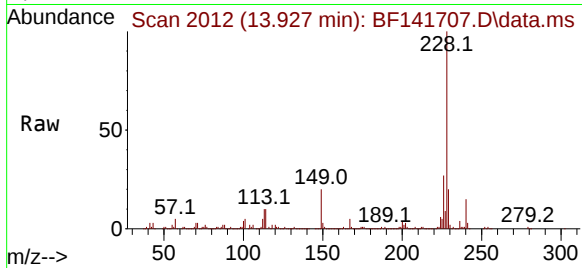




#81
Benzo(a)anthracene
Concen: 39.381 ng
RT: 13.927 min Scan# 2015
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

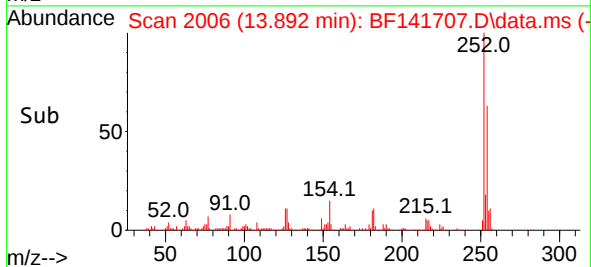
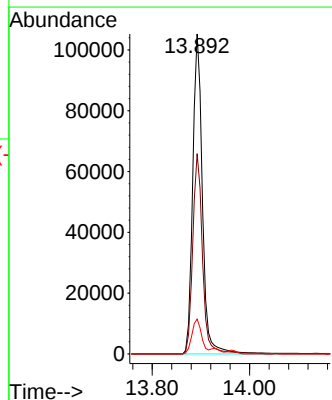
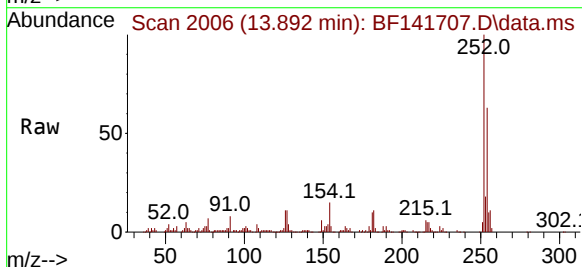
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

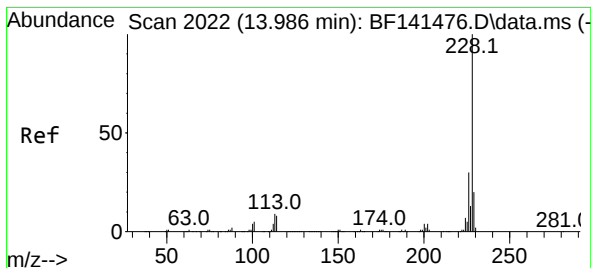
Tgt Ion:228 Resp: 481502
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 41.708 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:252 Resp: 146078
Ion Ratio Lower Upper
252 100
254 62.6 50.6 76.0
126 10.9 9.3 13.9





#83

Chrysene

Concen: 41.339 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.029 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

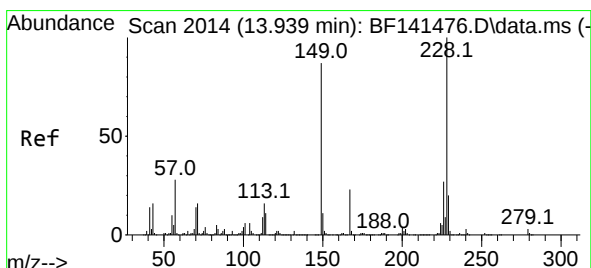
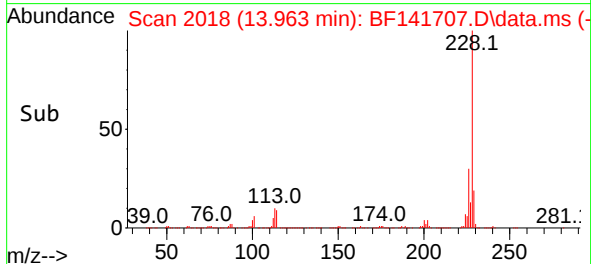
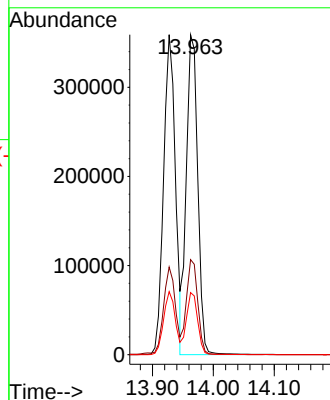
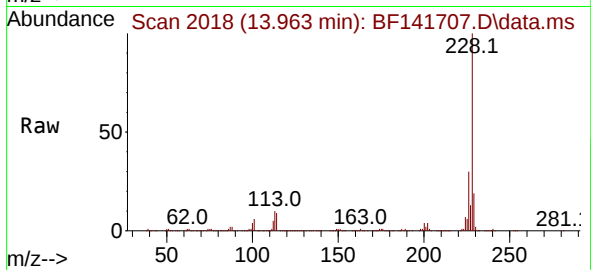
Tgt Ion:228 Resp: 466703

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.787 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

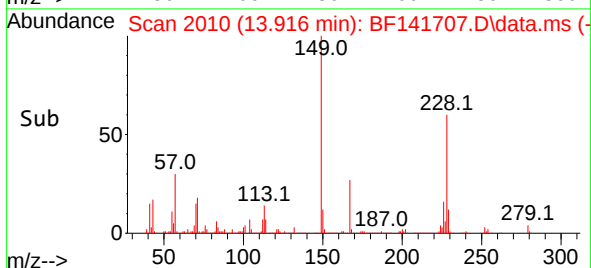
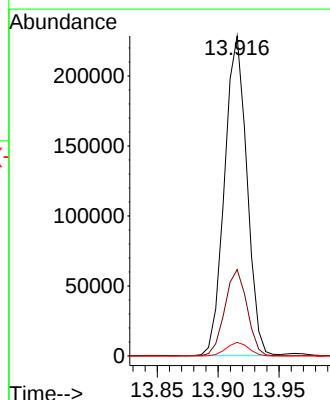
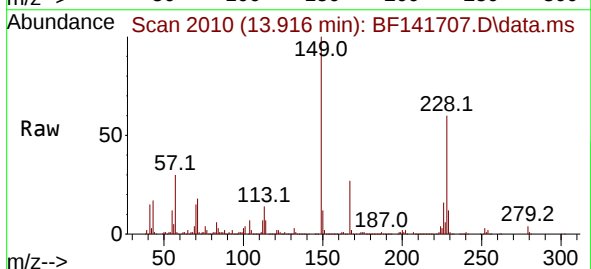
Tgt Ion:149 Resp: 292300

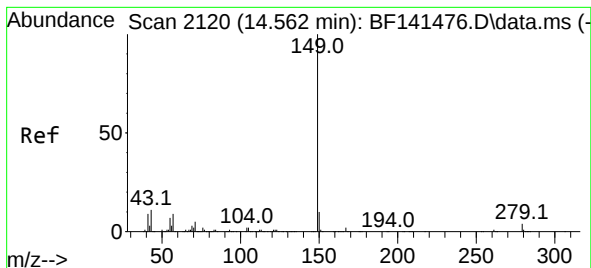
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 52.451 ng

RT: 14.527 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

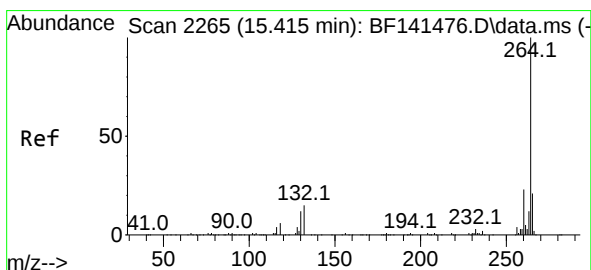
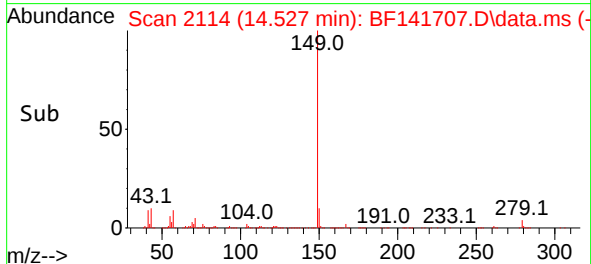
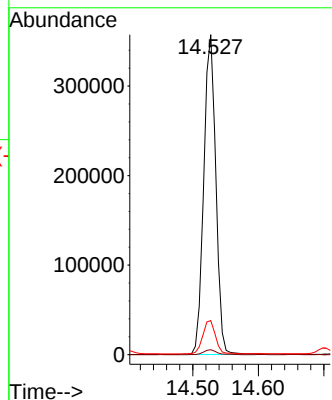
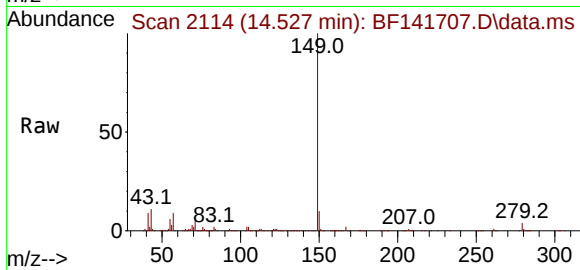
Tgt Ion:149 Resp: 457690

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.0 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: BF141707.D

Acq: 20 Feb 2025 17:09

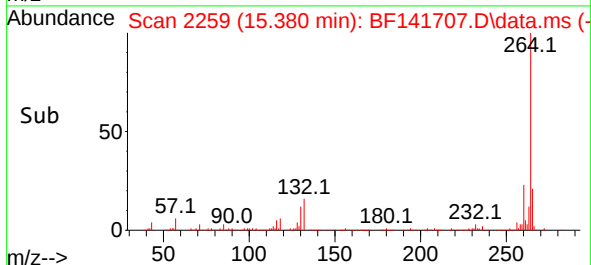
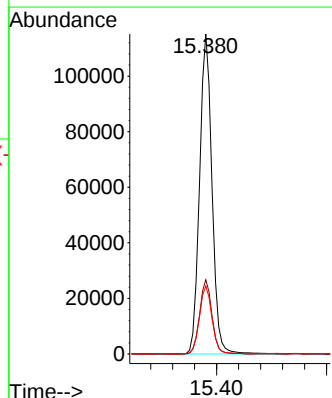
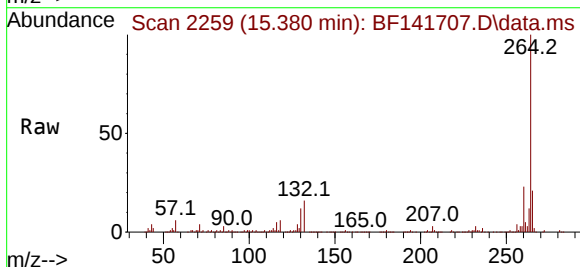
Tgt Ion:264 Resp: 180639

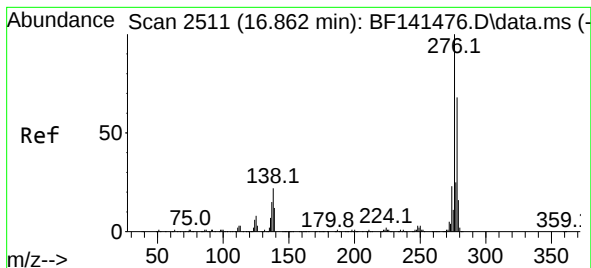
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.757 ng

RT: 16.815 min Scan# 2188

Delta R.T. -0.059 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

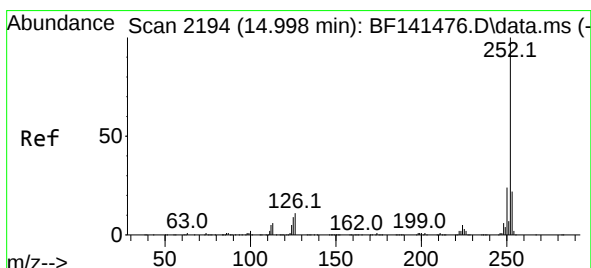
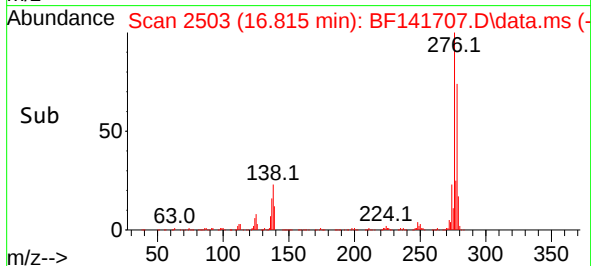
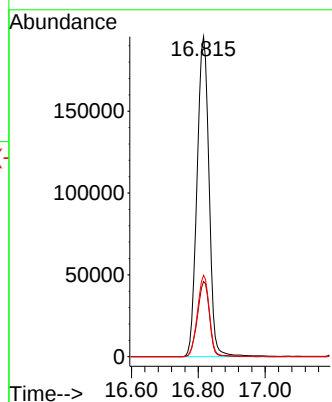
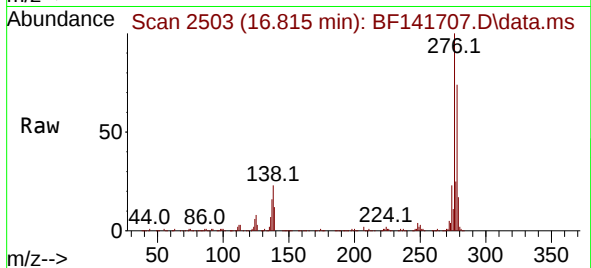
Tgt Ion:276 Resp: 488391

Ion Ratio Lower Upper

276 100

138 23.5 18.0 27.0

277 25.3 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 40.759 ng

RT: 14.963 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

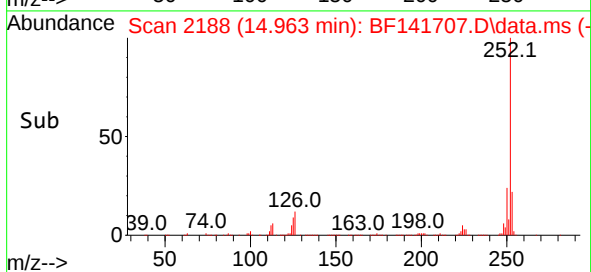
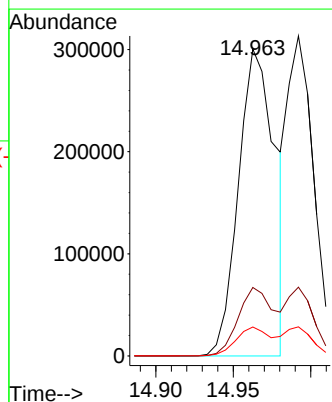
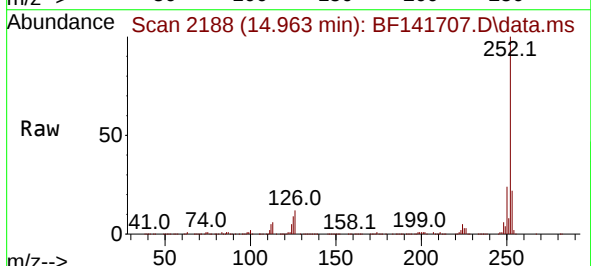
Tgt Ion:252 Resp: 494368

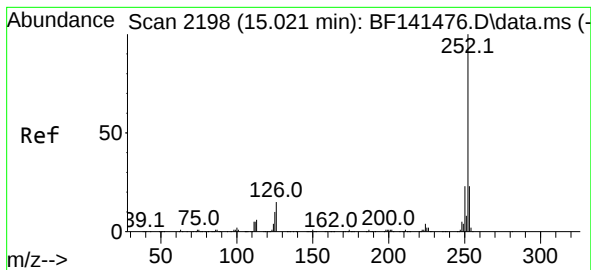
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 35.898 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

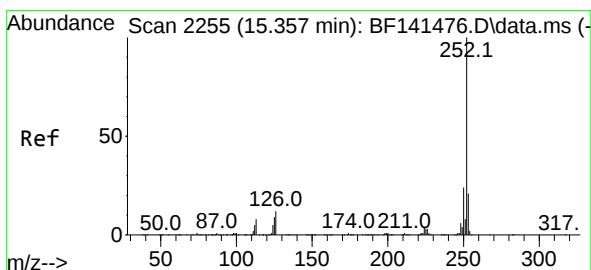
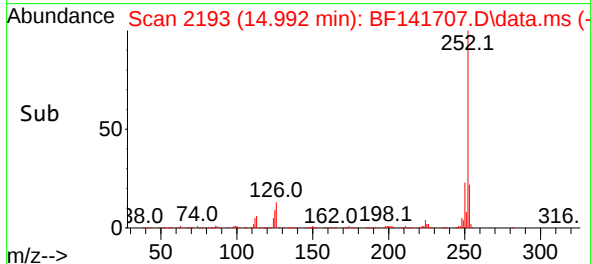
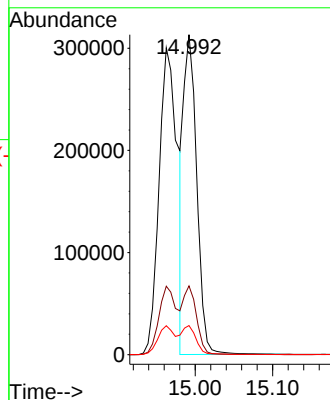
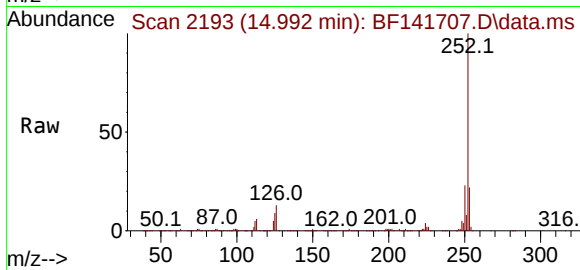
Tgt Ion:252 Resp: 371796

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.976 ng

RT: 15.321 min Scan# 2249

Delta R.T. -0.041 min

Lab File: BF141707.D

Acq: 20 Feb 2025 17:09

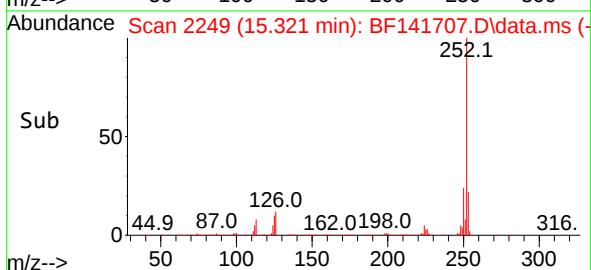
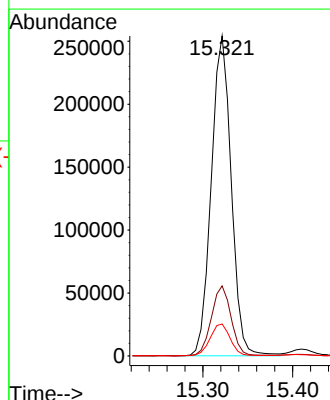
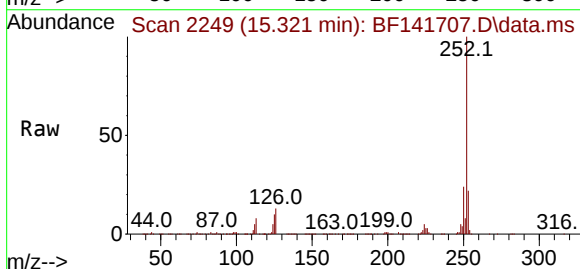
Tgt Ion:252 Resp: 392343

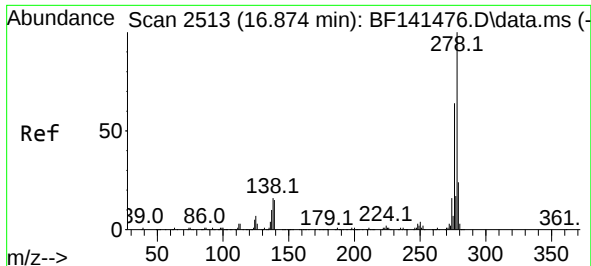
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 10.0 7.4 11.2

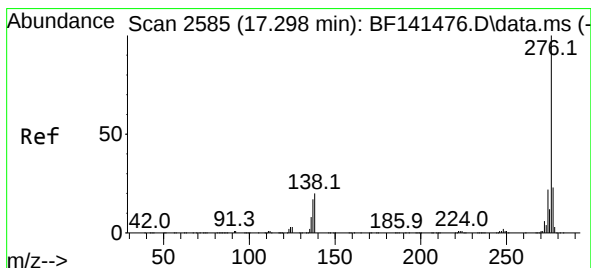
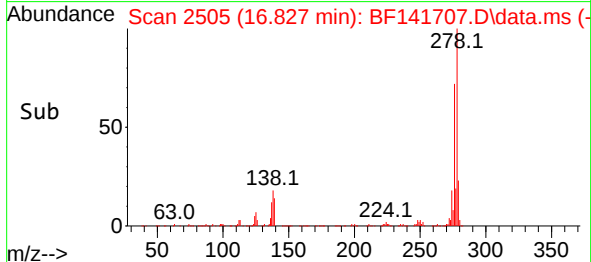
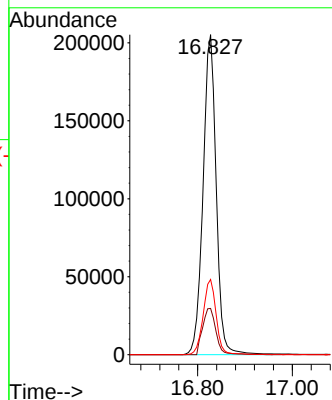
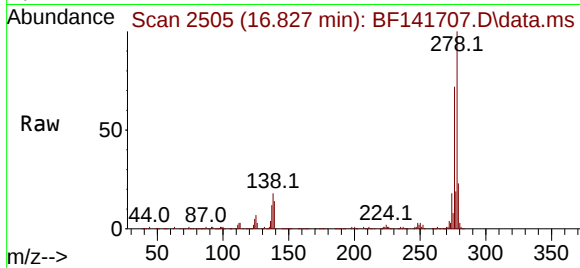




#91
Dibenzo(a,h)anthracene
Concen: 43.788 ng
RT: 16.827 min Scan# 2505
Delta R.T. -0.064 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 396017
Ion Ratio Lower Upper
278 100
139 14.5 11.8 17.6
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.154 ng
RT: 17.245 min Scan# 2576
Delta R.T. -0.070 min
Lab File: BF141707.D
Acq: 20 Feb 2025 17:09

Tgt Ion:276 Resp: 417878
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 19.9 15.9 23.9

