

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141657.D
 Acq On : 18 Feb 2025 11:20
 Operator : RC/JU
 Sample : PB166741BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166741BS

Quant Time: Feb 18 11:45:38 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	96361	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	384253	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	209117	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	354816	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	223389	20.000	ng	-0.02
86) Perylene-d12	15.386	264	181927	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	773569	125.856	ng	0.00
7) Phenol-d6	6.428	99	945772	121.742	ng	-0.01
23) Nitrobenzene-d5	7.351	82	633664	86.013	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	274164	130.512	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1181228	87.025	ng	-0.01
79) Terphenyl-d14	12.886	244	1339442	101.223	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	96806	39.132	ng	100
3) Pyridine	3.322	79	226856	38.537	ng	97
4) n-Nitrosodimethylamine	3.275	42	148600	38.123	ng	93
6) Aniline	6.445	93	238934	32.787	ng	# 67
8) 2-Chlorophenol	6.569	128	277353	41.761	ng	100
9) Benzaldehyde	6.334	77	123623	29.945	ng	99
10) Phenol	6.439	94	328071	40.574	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	268256	44.170	ng	99
12) 1,3-Dichlorobenzene	6.722	146	287917	41.063	ng	98
13) 1,4-Dichlorobenzene	6.798	146	296593	41.402	ng	99
14) 1,2-Dichlorobenzene	6.951	146	278885	41.945	ng	100
15) Benzyl Alcohol	6.928	79	234334	39.335	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	405909	39.044	ng	71
17) 2-Methylphenol	7.045	107	214096	41.193	ng	97
18) Hexachloroethane	7.292	117	109593	41.336	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	190757	41.050	ng	96
20) 3+4-Methylphenols	7.204	107	279217	42.273	ng	# 78
22) Acetophenone	7.192	105	429802	44.965	ng	# 94
24) Nitrobenzene	7.369	77	287257	39.987	ng	98
25) Isophorone	7.604	82	506884	43.152	ng	98
26) 2-Nitrophenol	7.681	139	148911	41.664	ng	95
27) 2,4-Dimethylphenol	7.728	122	219867	52.659	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	310226	41.215	ng	99
29) 2,4-Dichlorophenol	7.934	162	235933	41.822	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	250878	40.838	ng	99
31) Naphthalene	8.086	128	798303	39.912	ng	100
32) Benzoic acid	7.869	122	167497	38.621	ng	99
33) 4-Chloroaniline	8.151	127	58294	8.348	ng	97
34) Hexachlorobutadiene	8.198	225	152481	41.344	ng	99
35) Caprolactam	8.510	113	44336	25.812	ng	95
36) 4-Chloro-3-methylphenol	8.633	107	250442	40.077	ng	99
37) 2-Methylnaphthalene	8.775	142	508243	39.048	ng	99
38) 1-Methylnaphthalene	8.875	142	494765	39.248	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	272329	45.013	ng	97
41) Hexachlorocyclopentadiene	8.928	237	282560	140.418	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	164962	42.188	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	173660	40.979	ng	98
46) 1,1'-Biphenyl	9.239	154	738293	45.539	ng	99
47) 2-Chloronaphthalene	9.269	162	495954	41.369	ng	99
48) 2-Nitroaniline	9.369	65	162501	40.389	ng	96
49) Acenaphthylene	9.680	152	775638	43.498	ng	99
50) Dimethylphthalate	9.545	163	601454	42.367	ng	100
51) 2,6-Dinitrotoluene	9.610	165	129231	41.641	ng	98
52) Acenaphthene	9.851	154	484864	40.446	ng	100
53) 3-Nitroaniline	9.780	138	81377	24.363	ng	97
54) 2,4-Dinitrophenol	9.892	184	139999	75.903	ng	95
55) Dibenzofuran	10.027	168	701741	39.880	ng	99
56) 4-Nitrophenol	9.963	139	191776	77.343	ng	96
57) 2,4-Dinitrotoluene	10.016	165	175091	42.380	ng	98
58) Fluorene	10.369	166	556060	40.870	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	147196	40.345	ng	97
60) Diethylphthalate	10.245	149	577505	41.346	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	273204	41.740	ng	99
62) 4-Nitroaniline	10.398	138	130062	38.347	ng	97
63) Azobenzene	10.522	77	555386	39.997	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	95151	38.605	ng	93
66) n-Nitrosodiphenylamine	10.480	169	491117	43.240	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	172383	43.470	ng	98
68) Hexachlorobenzene	10.916	284	182238	44.629	ng	99
69) Atrazine	11.010	200	181424	53.244	ng	99
70) Pentachlorophenol	11.116	266	188338	72.132	ng	99
71) Phenanthrene	11.327	178	835841	42.795	ng	100
72) Anthracene	11.380	178	857767	43.689	ng	100
73) Carbazole	11.539	167	739768	41.875	ng	100
74) Di-n-butylphthalate	11.863	149	884696	43.371	ng	100
75) Fluoranthene	12.516	202	858807	41.475	ng	100
77) Benzidine	12.639	184	263647	53.514	ng	99
78) Pyrene	12.745	202	869851	45.742	ng	100
80) Butylbenzylphthalate	13.363	149	319199	48.461	ng	98
81) Benzo(a)anthracene	13.933	228	647648	43.614	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	124826	29.345	ng	98
83) Chrysene	13.968	228	583447	42.553	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	384895	51.811	ng	99
85) Di-n-octyl phthalate	14.533	149	534948	50.477	ng	98
87) Indeno(1,2,3-cd)pyrene	16.821	276	562758	50.063	ng	100
88) Benzo(b)fluoranthene	14.968	252	472329	38.666	ng	99
89) Benzo(k)fluoranthene	14.998	252	474260	45.467	ng	100
90) Benzo(a)pyrene	15.327	252	446728	45.195	ng	99
91) Dibenzo(a,h)anthracene	16.833	278	451071	49.522	ng	99
92) Benzo(g,h,i)perylene	17.251	276	445508	46.740	ng	100

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

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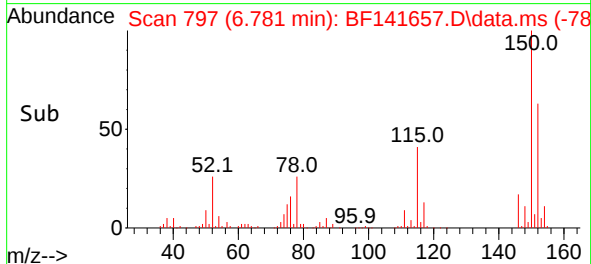
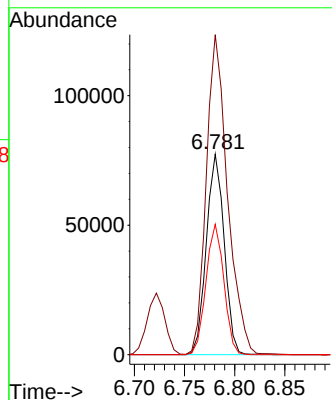
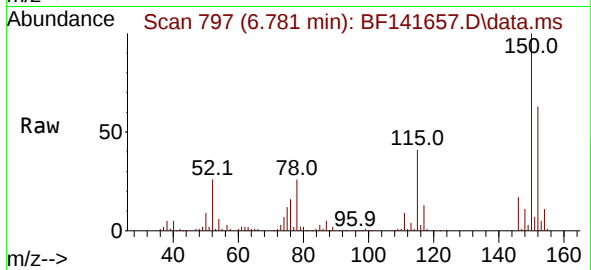




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141657.D
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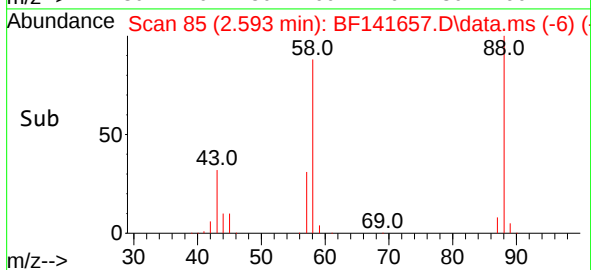
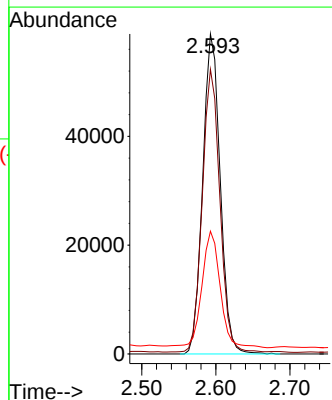
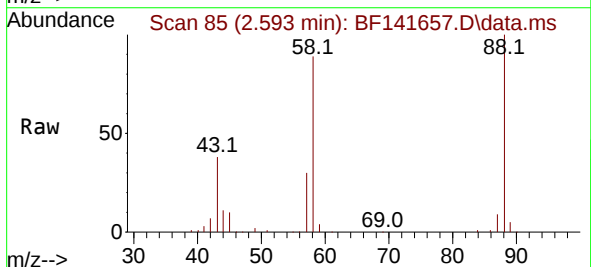
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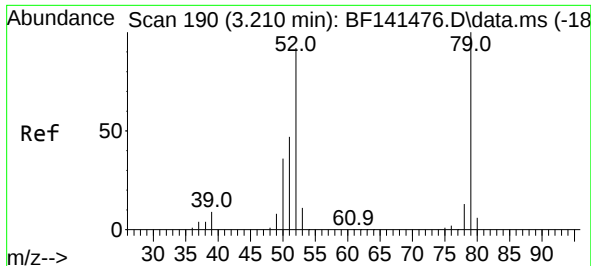
Tgt Ion:152 Resp: 96361
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.0 187.4
 115 65.1 53.6 80.4



#2
 1,4-Dioxane
 Concen: 39.132 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.112 min
 Lab File: BF141657.D
 Acq: 18 Feb 2025 11:20

Tgt Ion: 88 Resp: 96806
 Ion Ratio Lower Upper
 88 100
 58 88.5 71.1 106.7
 43 38.4 30.6 46.0





#3

Pyridine

Concen: 38.537 ng

RT: 3.322 min Scan# 20

Delta R.T. 0.106 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

BNA_F

ClientSampleId :

PB166741BS

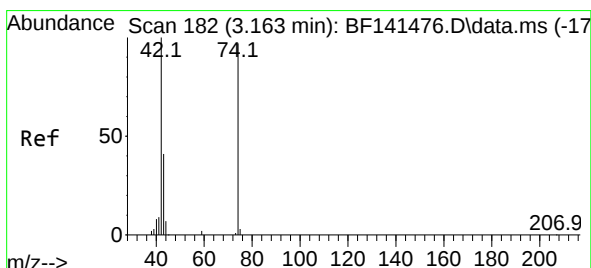
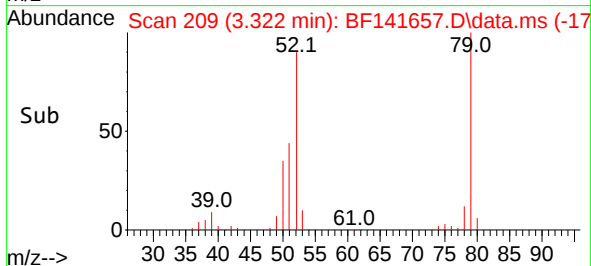
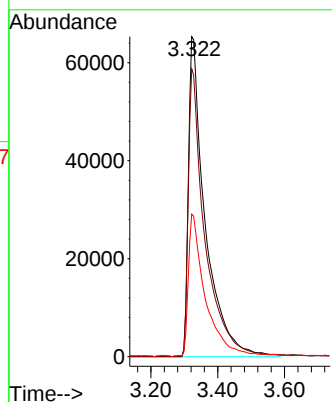
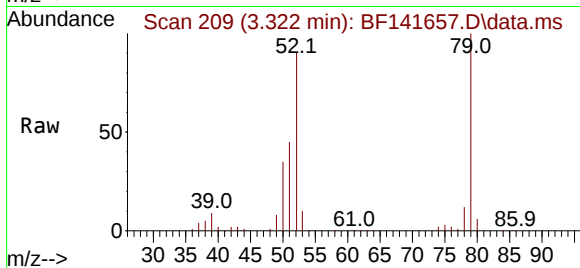
Tgt Ion: 79 Resp: 226856

Ion Ratio Lower Upper

79 100

52 89.9 73.7 110.5

51 44.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.123 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.088 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

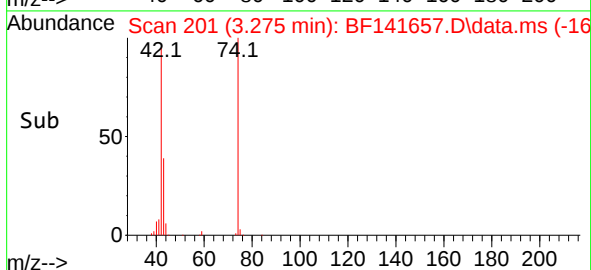
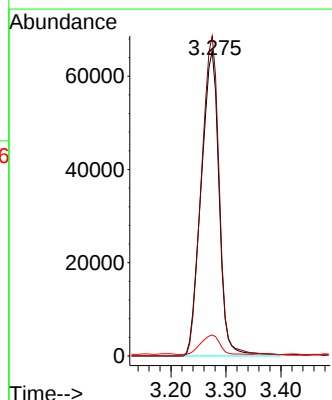
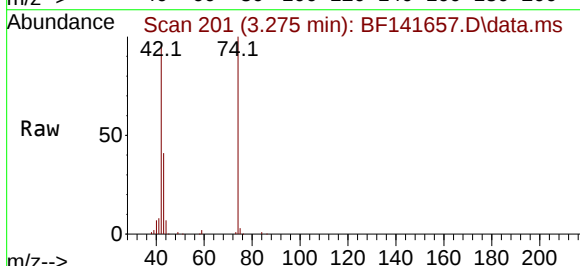
Tgt Ion: 42 Resp: 148600

Ion Ratio Lower Upper

42 100

74 105.0 78.0 117.0

44 6.9 5.4 8.2

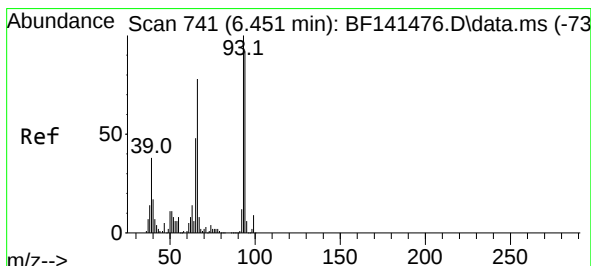
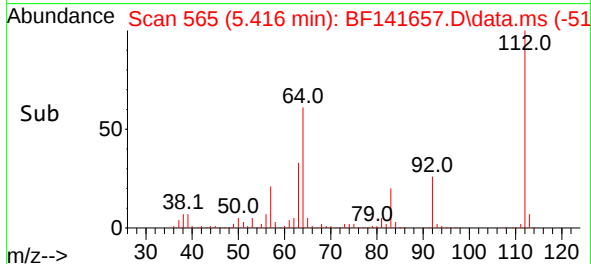
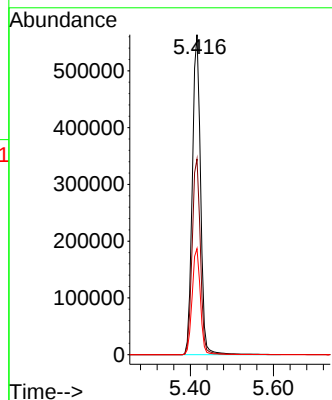
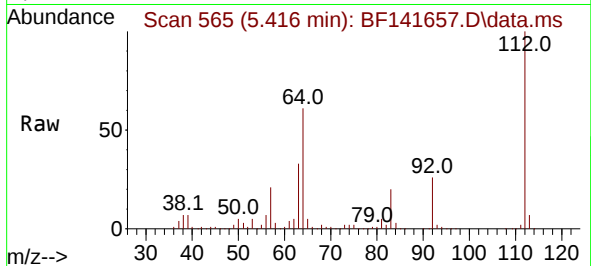




#5
2-Fluorophenol
Concen: 125.856 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

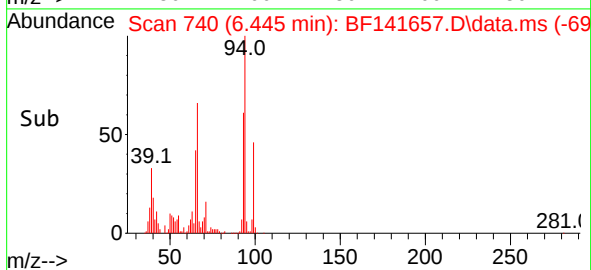
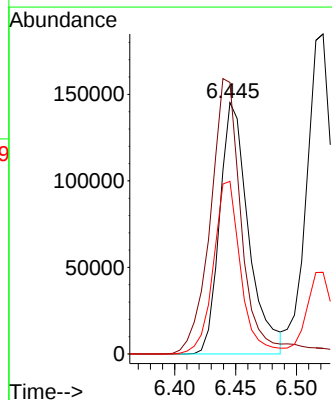
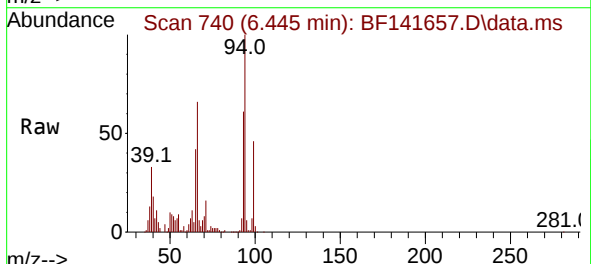
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Tgt Ion:112 Resp: 773569
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 33.1 28.4 42.6



#6
Aniline
Concen: 32.787 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion: 93 Resp: 238934
Ion Ratio Lower Upper
93 100
66 108.0 62.6 94.0#
65 68.6 38.3 57.5#





#7
Phenol-d6
Concen: 121.742 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

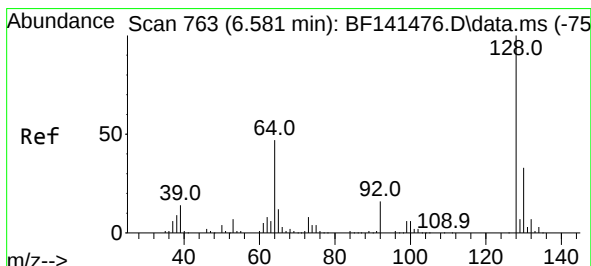
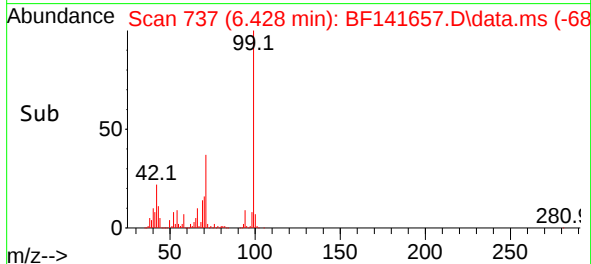
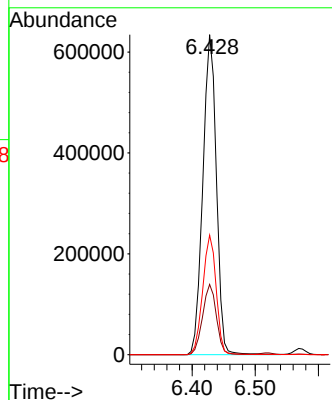
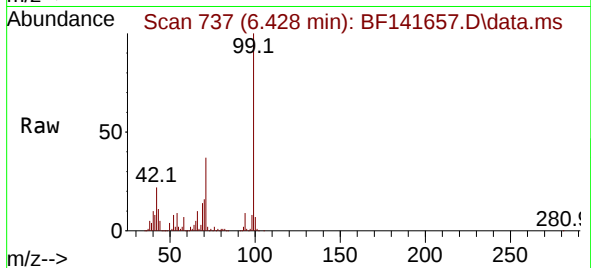
Instrument :

BNA_F

ClientSampleId :

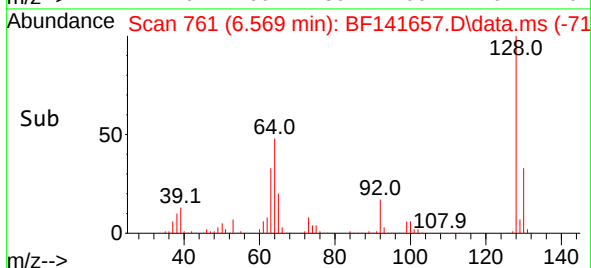
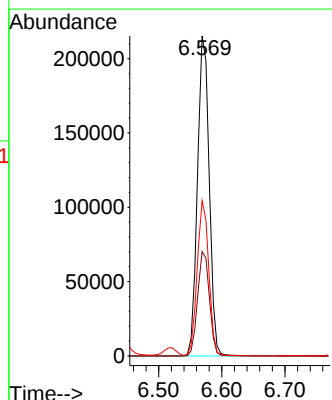
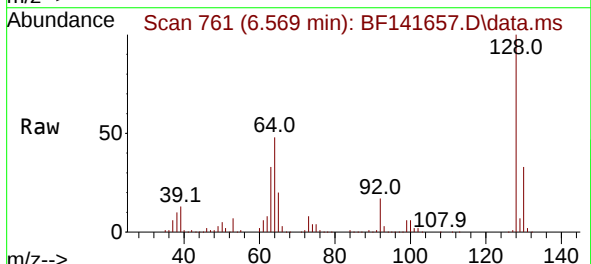
PB166741BS

Tgt Ion: 99 Resp: 945772
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 37.4 31.1 46.7



#8
2-Chlorophenol
Concen: 41.761 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion: 128 Resp: 277353
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 48.5 28.3 68.3

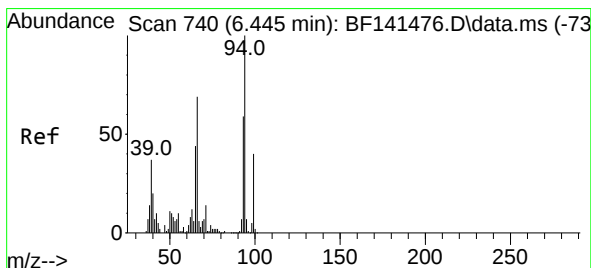
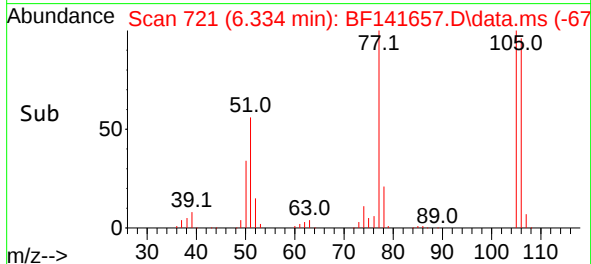
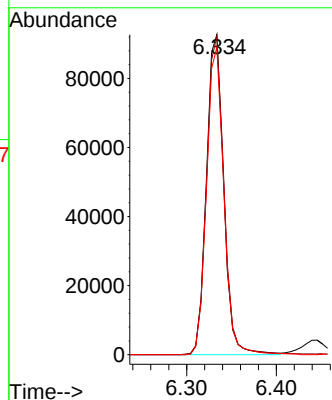
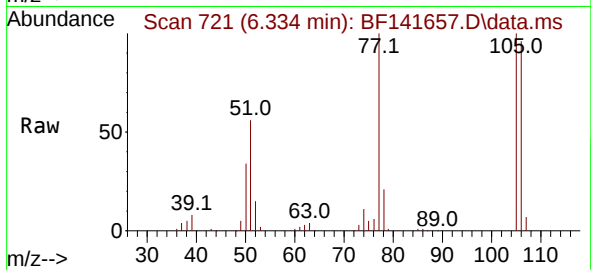




#9
Benzaldehyde
Concen: 29.945 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

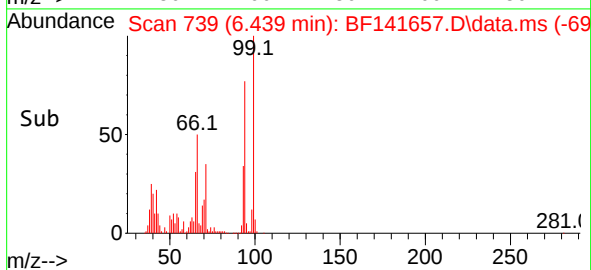
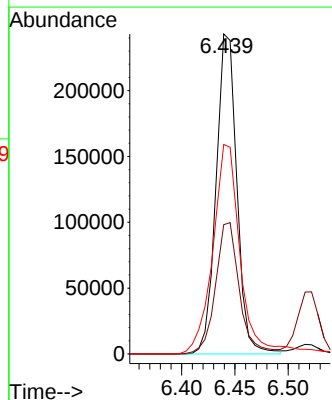
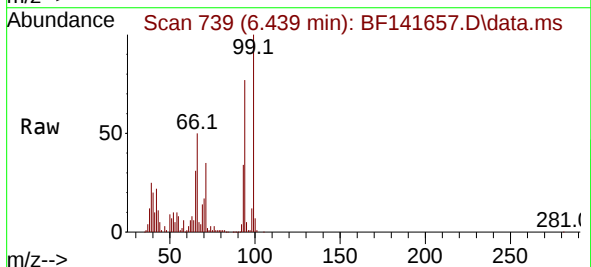
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Tgt Ion: 77 Resp: 123623
Ion Ratio Lower Upper
77 100
105 99.6 79.4 119.4
106 96.0 75.1 115.1



#10
Phenol
Concen: 40.574 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion: 94 Resp: 328071
Ion Ratio Lower Upper
94 100
65 40.4 23.7 63.7
66 65.5 49.3 89.3

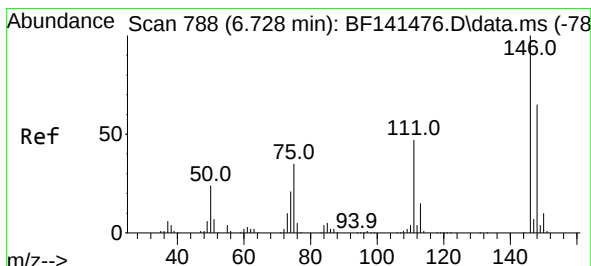
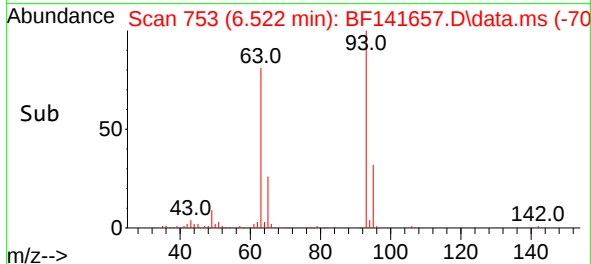
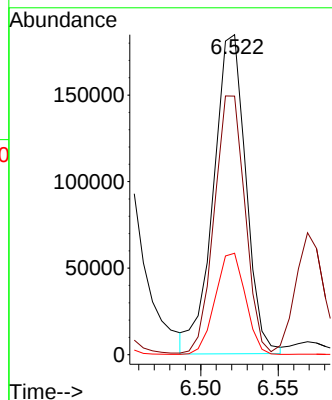
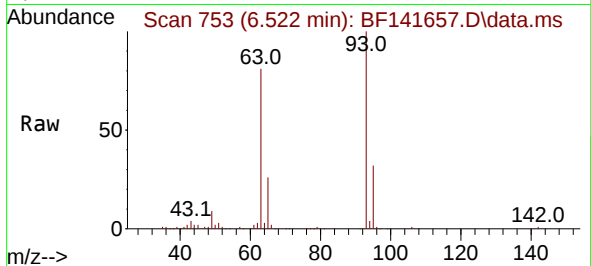




#11
bis(2-Chloroethyl)ether
Concen: 44.170 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

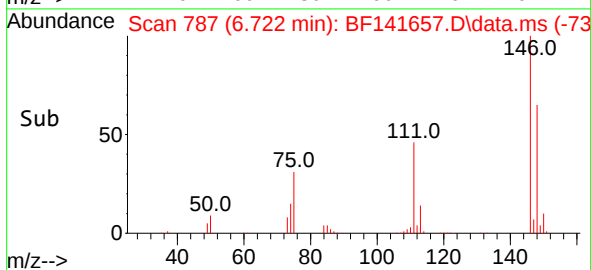
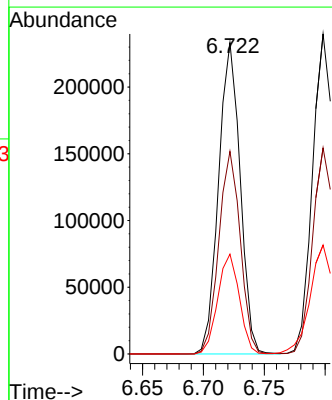
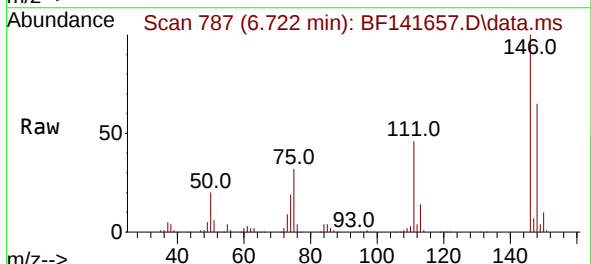
Instrument :
BNA_F
ClientSampleId :
PB166741BS

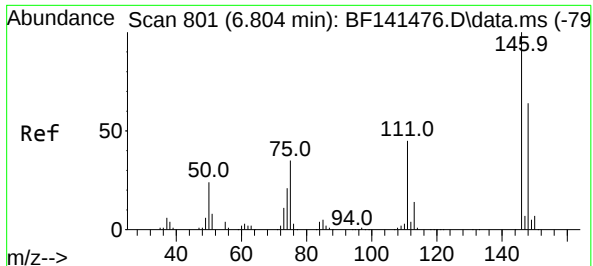
Tgt Ion: 93 Resp: 268256
Ion Ratio Lower Upper
93 100
63 80.8 62.0 102.0
95 31.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.063 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:146 Resp: 287917
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 32.1 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.402 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

BNA_F

ClientSampleId :

PB166741BS

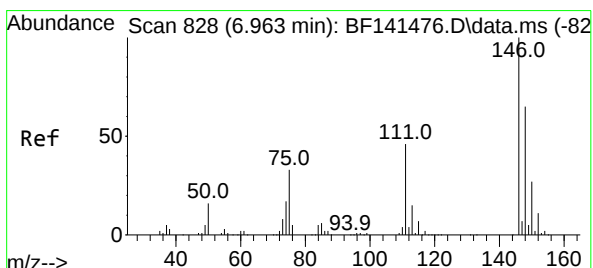
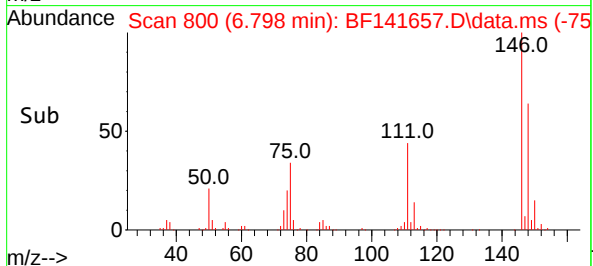
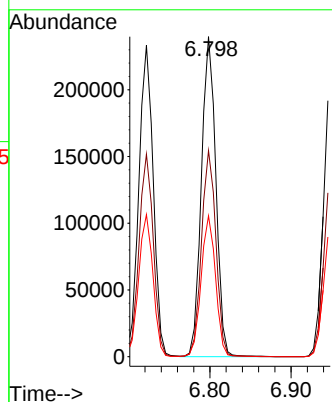
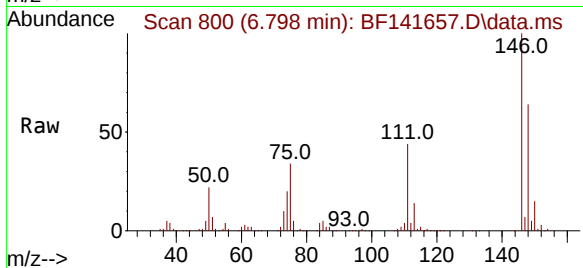
Tgt Ion:146 Resp: 296593

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

111 44.0 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 41.945 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

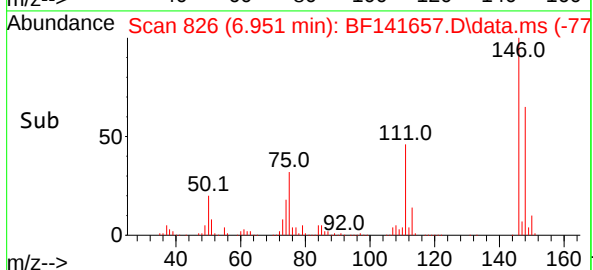
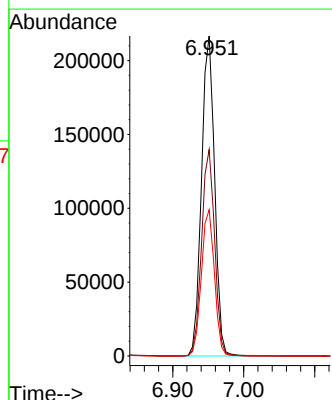
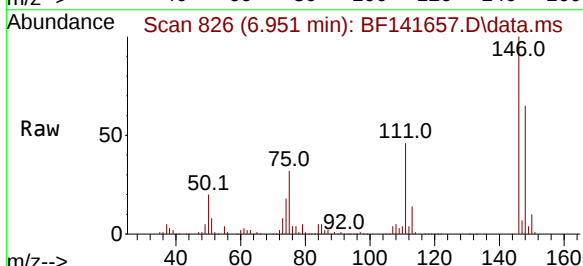
Tgt Ion:146 Resp: 278885

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

111 45.7 37.0 55.4

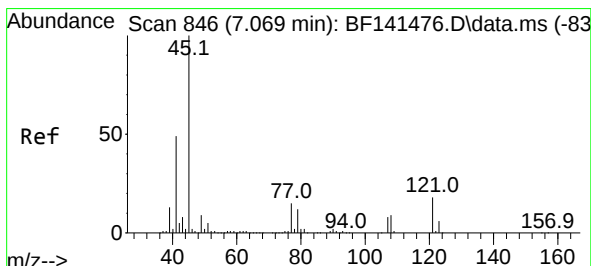
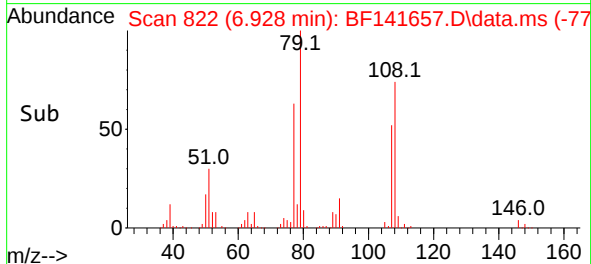
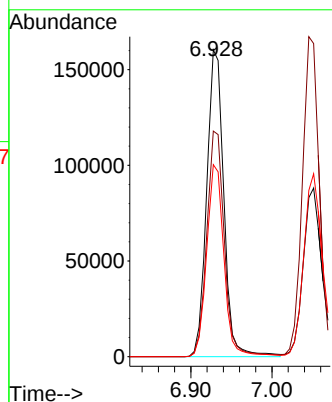
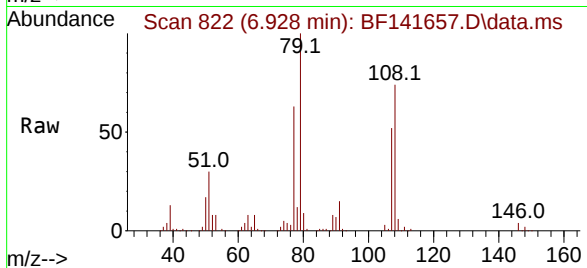




#15
Benzyl Alcohol
Concen: 39.335 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

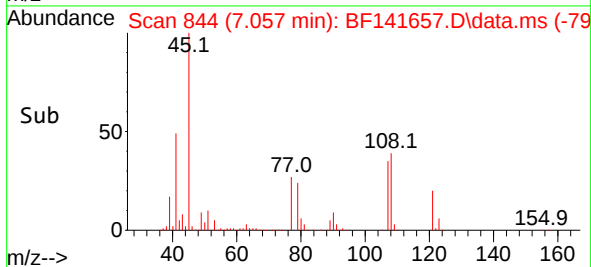
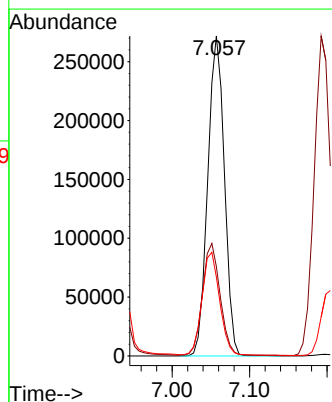
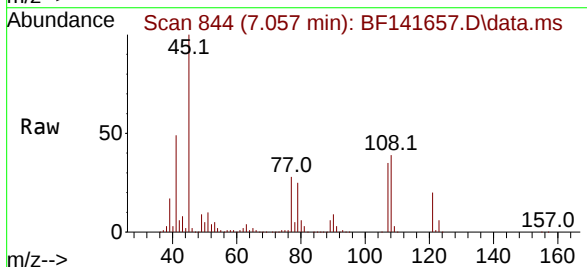
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion: 79 Resp: 234334
Ion Ratio Lower Upper
79 100
108 73.5 57.4 86.2
77 62.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.044 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion: 45 Resp: 405909
Ion Ratio Lower Upper
45 100
77 27.9 0.0 35.8
79 24.7 0.0 32.7

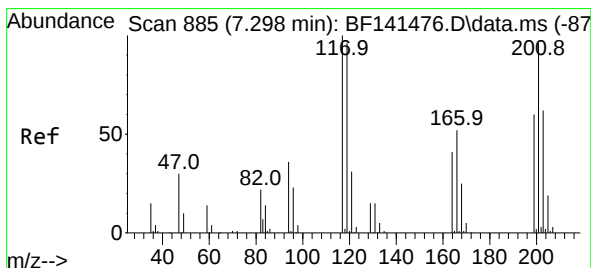
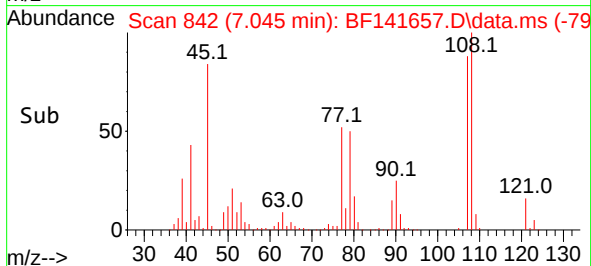
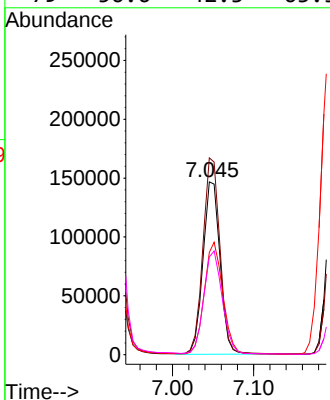
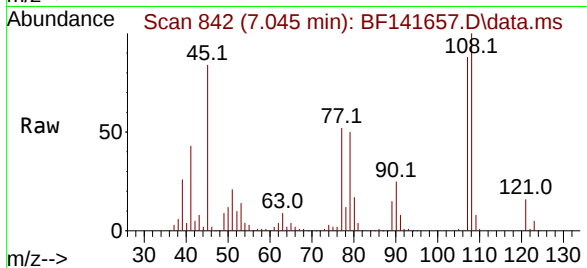




#17
2-Methylphenol
Concen: 41.193 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

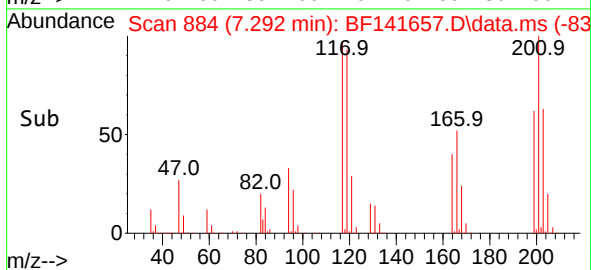
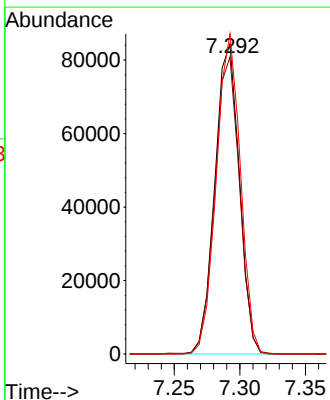
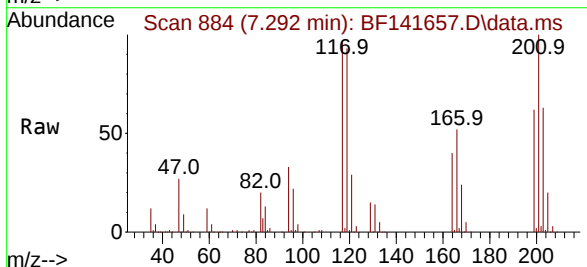
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:	107	Resp:	214096
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.6	136.0
77	59.2	44.4	66.6
79	56.6	42.3	63.5



#18
Hexachloroethane
Concen: 41.336 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:	117	Resp:	109593
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
201	103.2	76.7	115.1



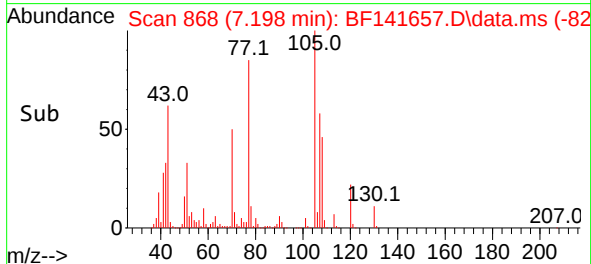
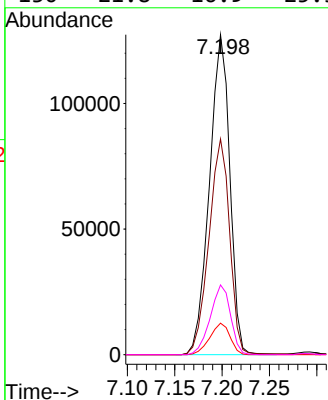
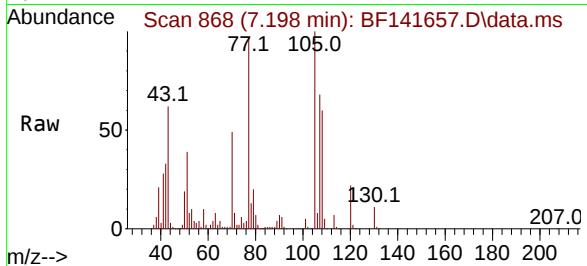


#19
n-Nitroso-di-n-propylamine
Concen: 41.050 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion: 70 Resp: 190757

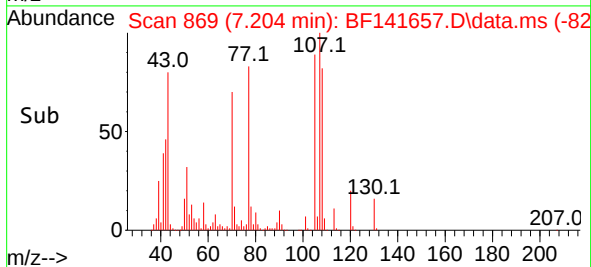
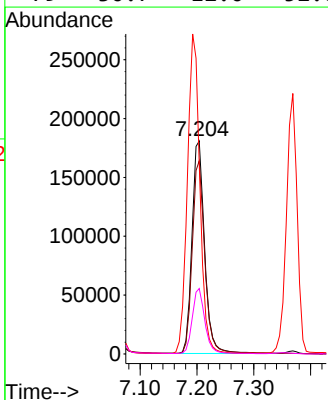
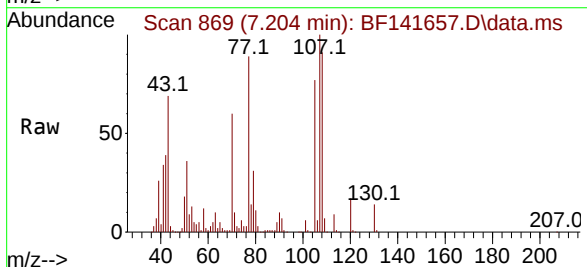
Ion	Ratio	Lower	Upper
70	100		
42	67.4	57.4	86.2
101	9.9	8.0	12.0
130	21.8	16.9	25.3



#20
3+4-Methylphenols
Concen: 42.273 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion: 107 Resp: 279217

Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.5	108.5
77	89.2	116.5	156.5#
79	30.7	12.0	52.0

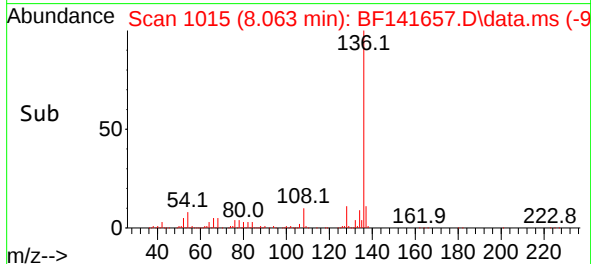
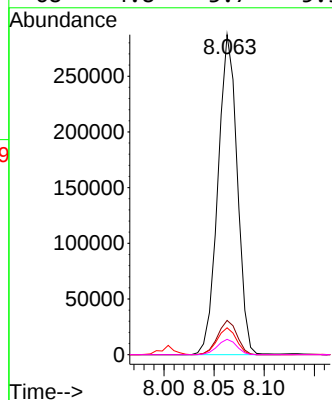
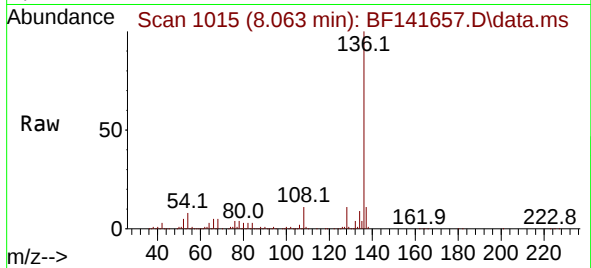




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

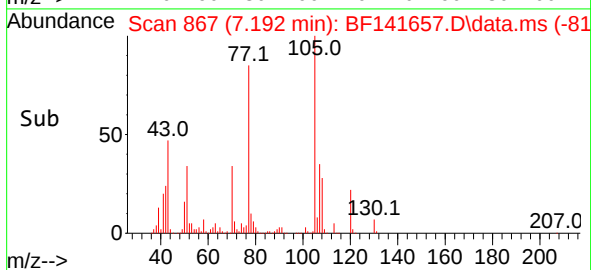
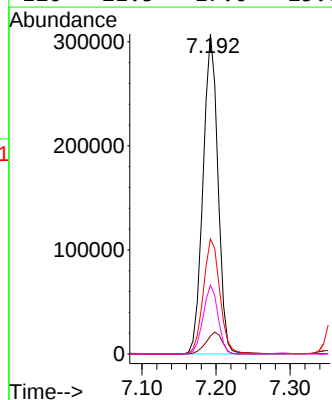
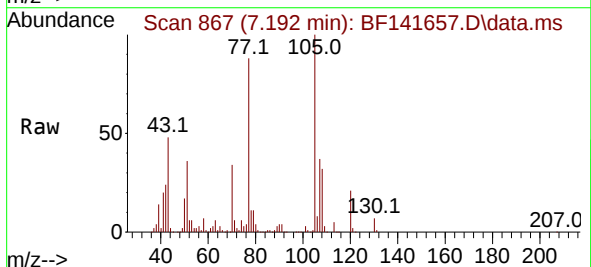
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:136 Resp: 384253
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.2 10.8
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 44.965 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:105 Resp: 429802
Ion Ratio Lower Upper
105 100
71 5.6 5.7 8.5#
51 36.0 33.7 50.5
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 86.013 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

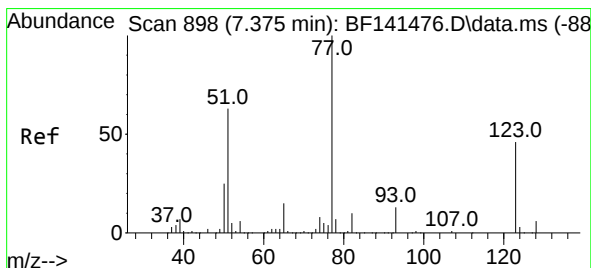
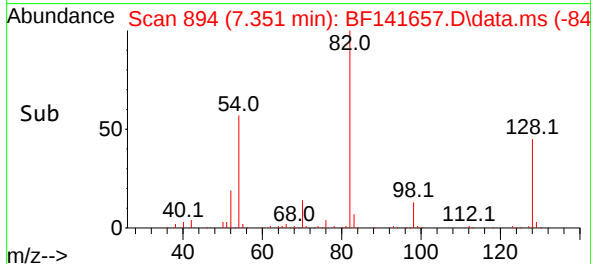
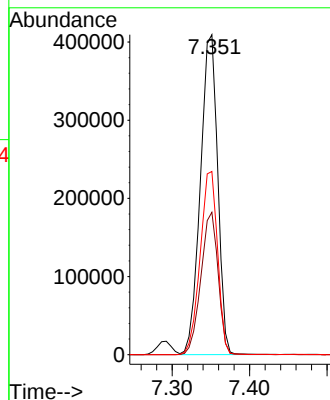
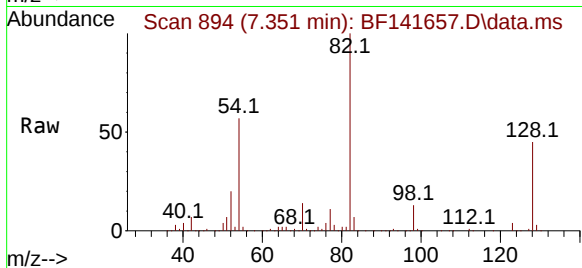
BNA_F

ClientSampleId :

PB166741BS

Tgt Ion: 82 Resp: 633664

Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.8	52.2
54	57.3	48.2	72.4



#24

Nitrobenzene

Concen: 39.987 ng

RT: 7.369 min Scan# 897

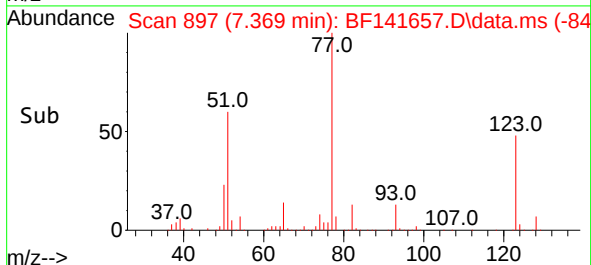
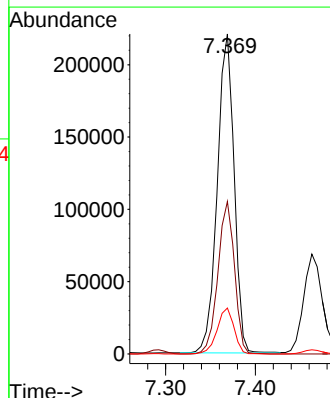
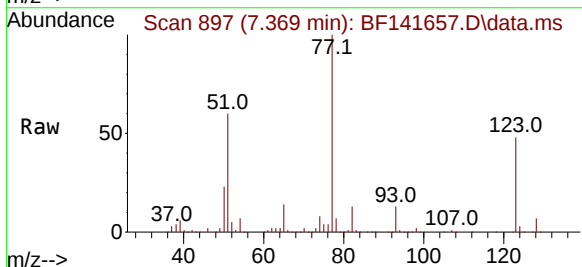
Delta R.T. -0.012 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Tgt Ion: 77 Resp: 287257

Ion	Ratio	Lower	Upper
77	100		
123	47.7	36.9	55.3
65	14.3	11.9	17.9

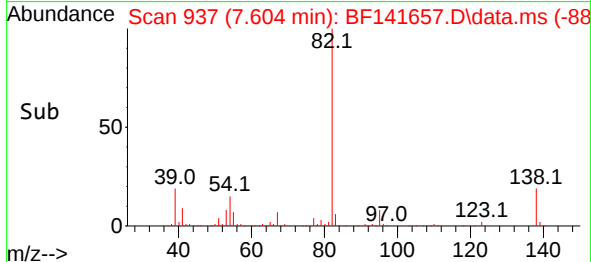
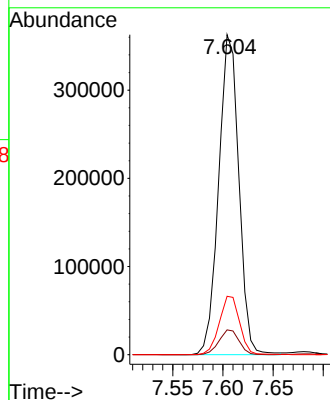
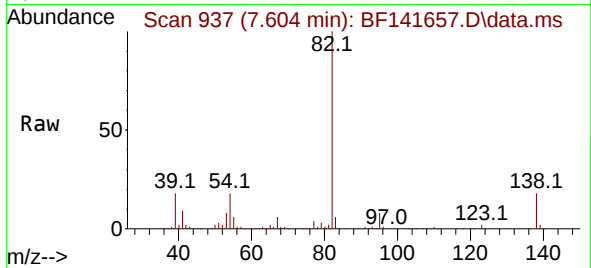




#25
Isophorone
Concen: 43.152 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

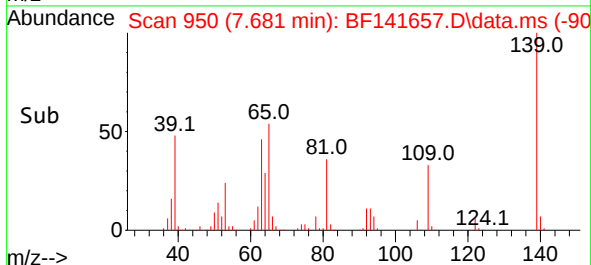
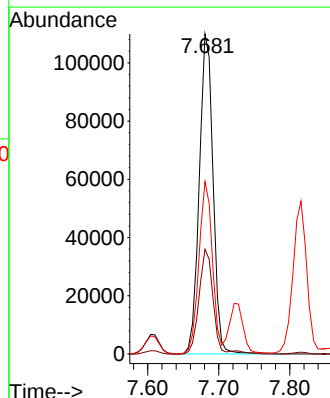
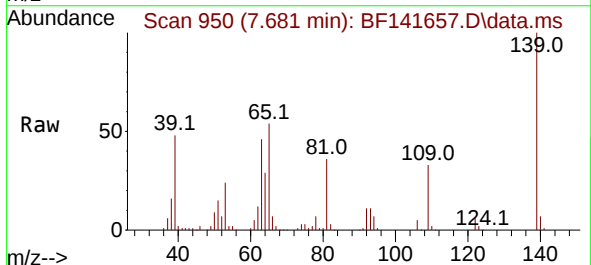
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion: 82 Resp: 506884
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 41.664 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion: 139 Resp: 148911
Ion Ratio Lower Upper
139 100
109 32.7 27.0 40.6
65 53.8 47.1 70.7

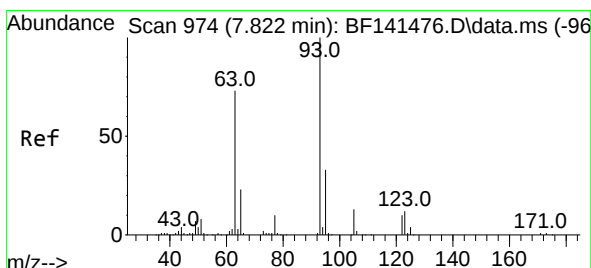
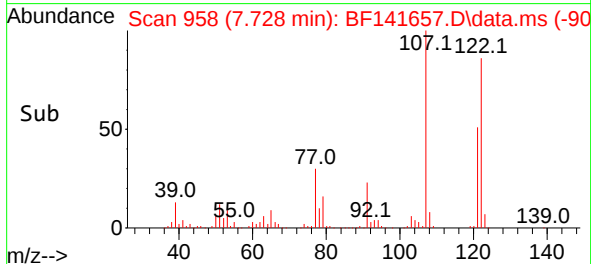
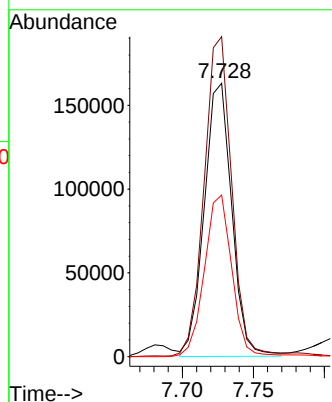
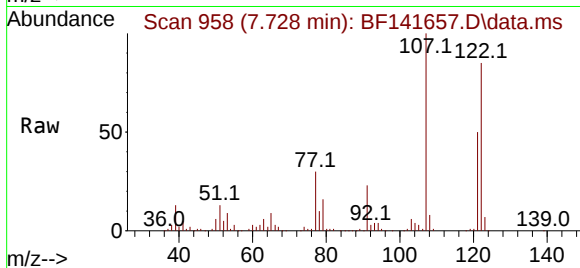




#27
2,4-Dimethylphenol
Concen: 52.659 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

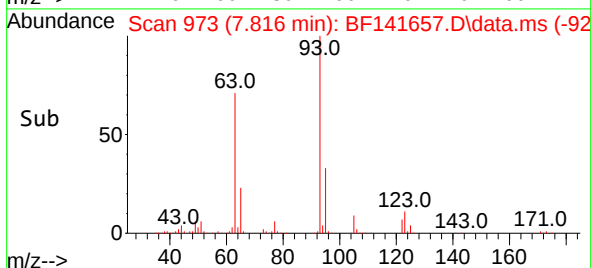
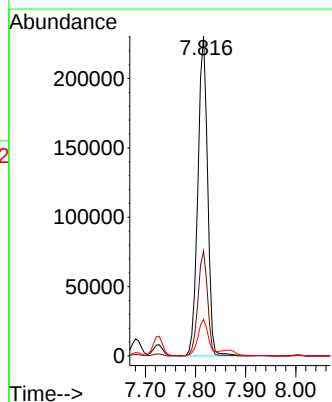
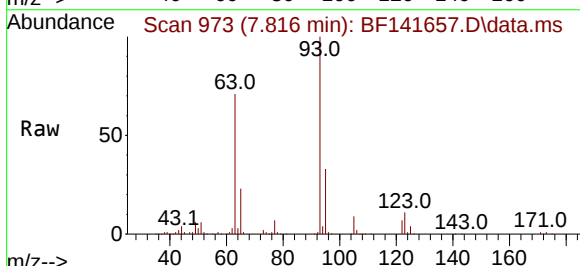
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:122 Resp: 219867
Ion Ratio Lower Upper
122 100
107 117.0 94.3 141.5
121 59.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.215 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion: 93 Resp: 310226
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.822 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

BNA_F

ClientSampleId :

PB166741BS

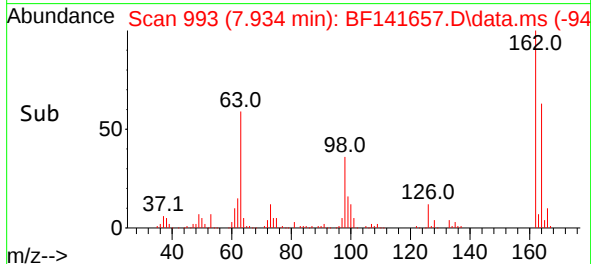
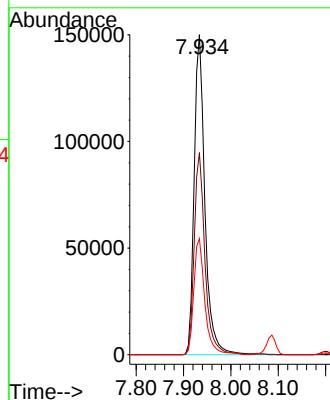
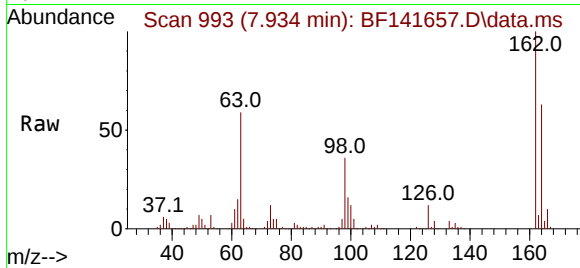
Tgt Ion:162 Resp: 235933

Ion Ratio Lower Upper

162 100

164 63.2 44.6 84.6

98 36.3 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 40.838 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

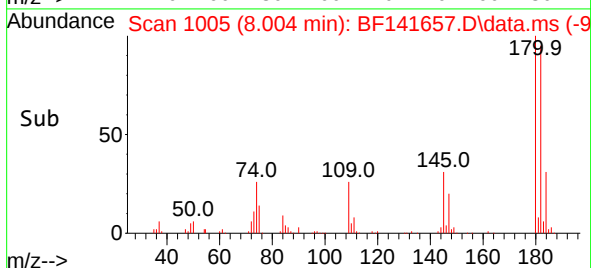
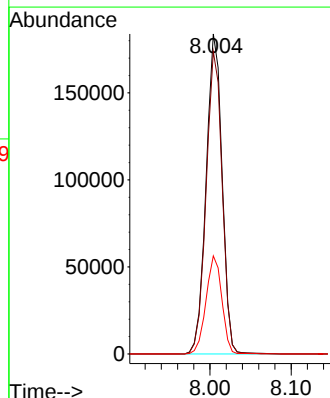
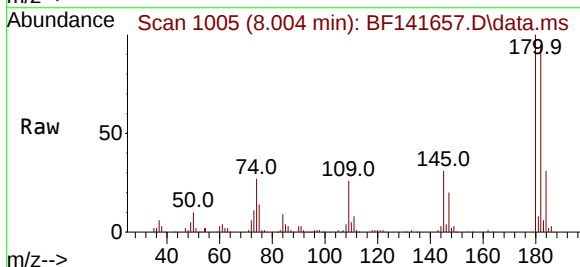
Tgt Ion:180 Resp: 250878

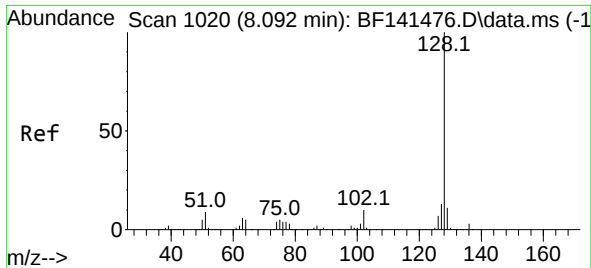
Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

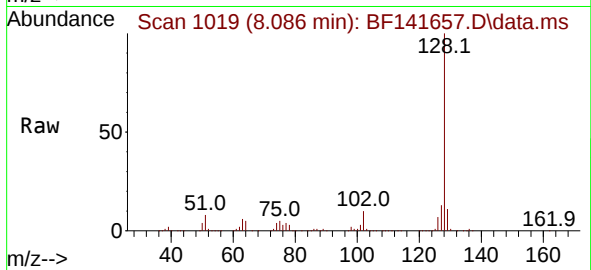
145 30.7 24.2 36.4



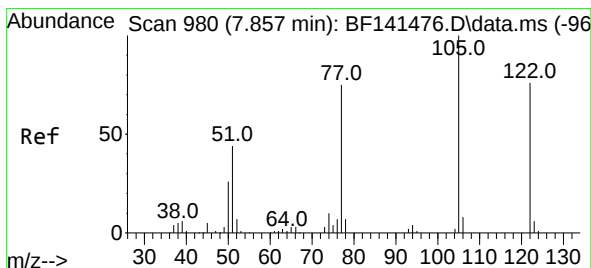
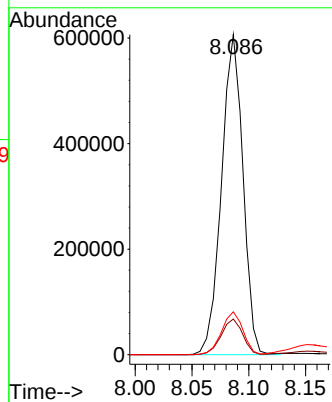
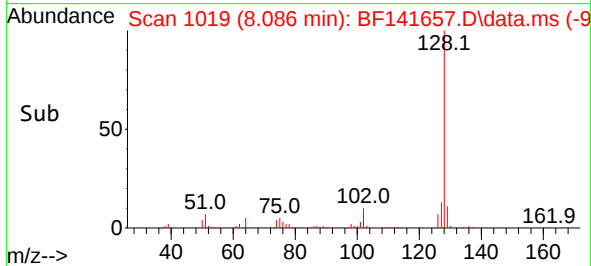


#31
Naphthalene
Concen: 39.912 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Instrument :
BNA_F
ClientSampleId :
PB166741BS

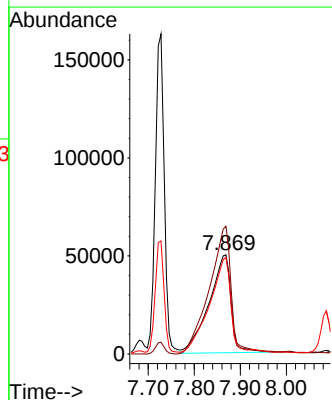
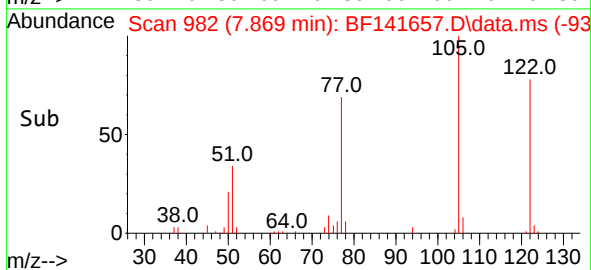
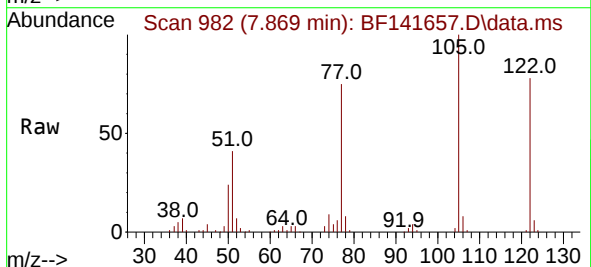


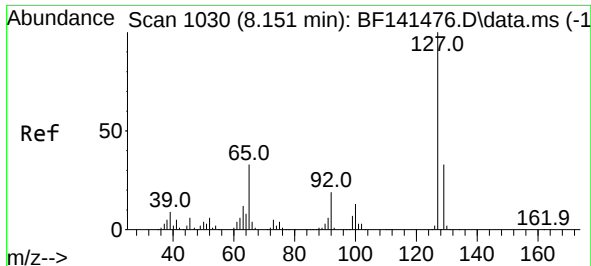
Tgt Ion:128 Resp: 798303
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 38.621 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:122 Resp: 167497
Ion Ratio Lower Upper
122 100
105 128.7 106.5 146.5
77 97.0 76.3 116.3

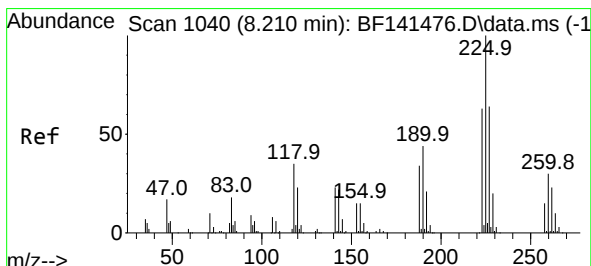
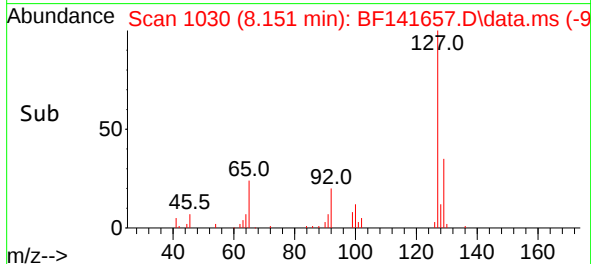
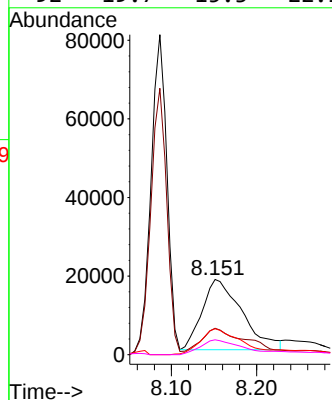
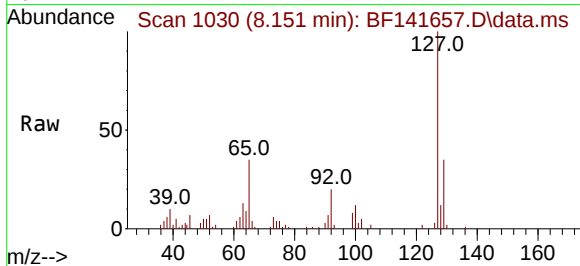




#33
4-Chloroaniline
Concen: 8.348 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

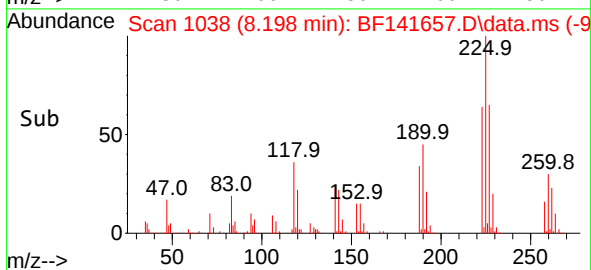
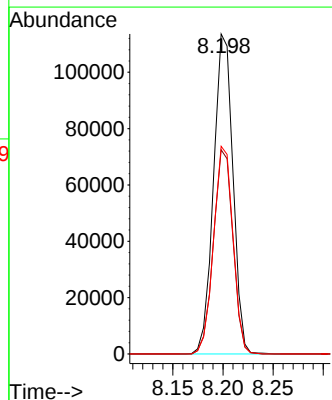
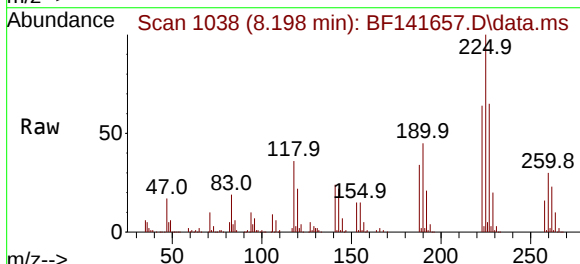
Instrument :
BNA_F
ClientSampleId :
PB166741BS

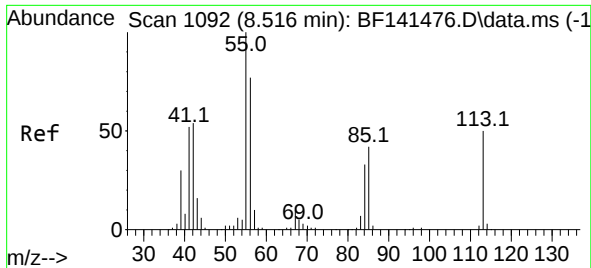
Tgt Ion:	127	Resp:	58294
Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.5	39.7
65	34.6	26.4	39.6
92	19.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.344 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:	225	Resp:	152481
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.1	75.1
227	64.9	51.0	76.6

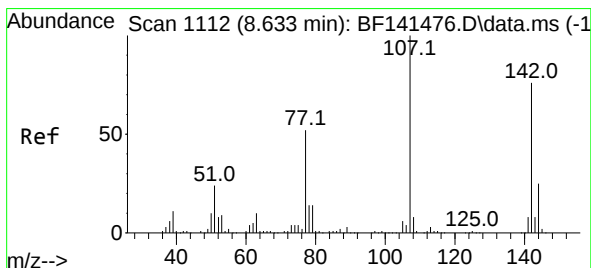
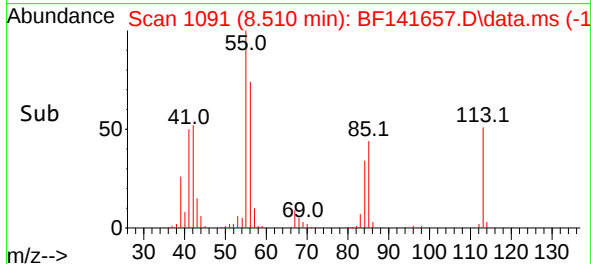
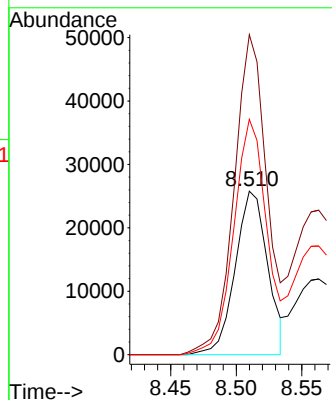
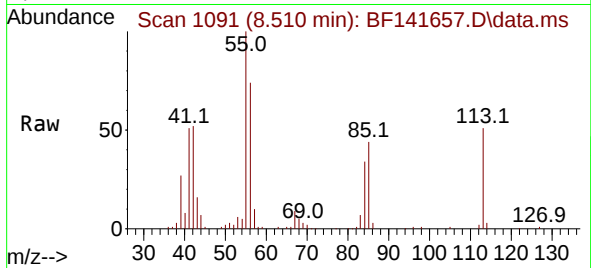




#35
Caprolactam
Concen: 25.812 ng
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

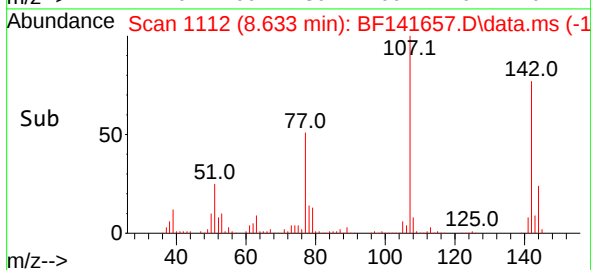
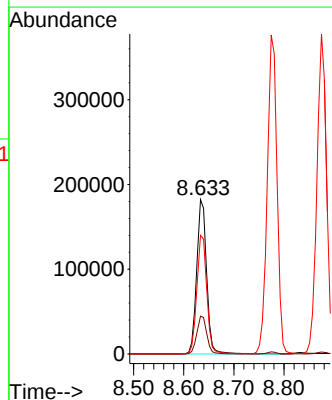
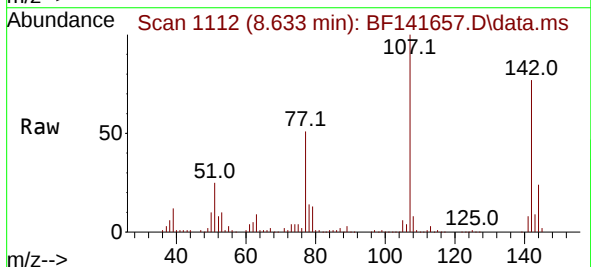
Instrument :
BNA_F
ClientSampleId :
PB166741BS

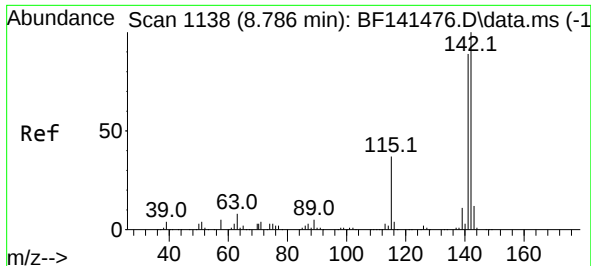
Tgt Ion:113 Resp: 44336
Ion Ratio Lower Upper
113 100
55 195.7 180.8 220.8
56 143.9 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 40.077 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:107 Resp: 250442
Ion Ratio Lower Upper
107 100
144 24.5 19.7 29.5
142 76.9 60.8 91.2

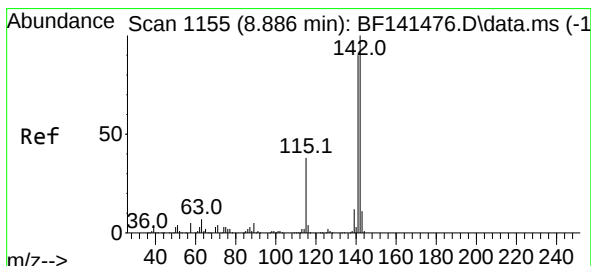
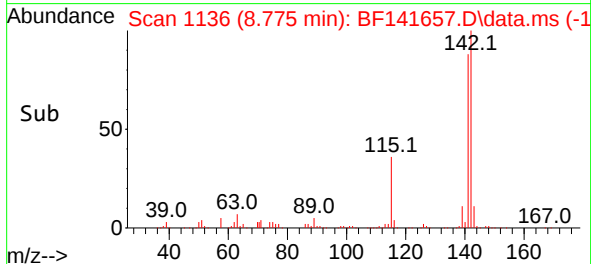
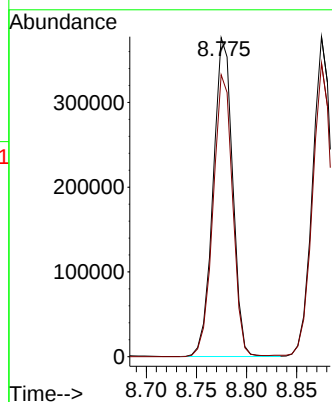
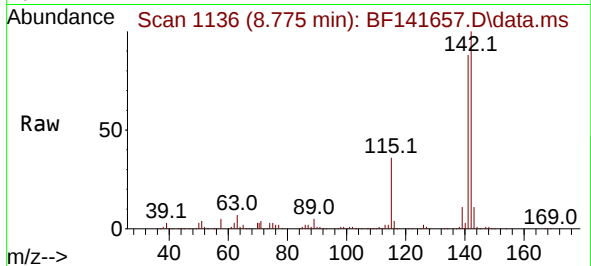




#37
2-Methylnaphthalene
Concen: 39.048 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

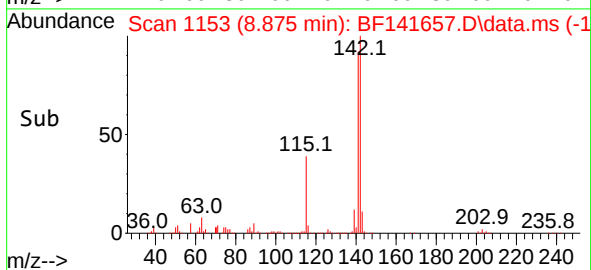
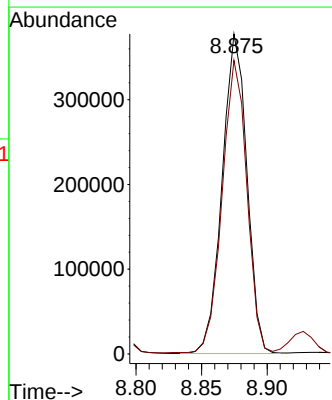
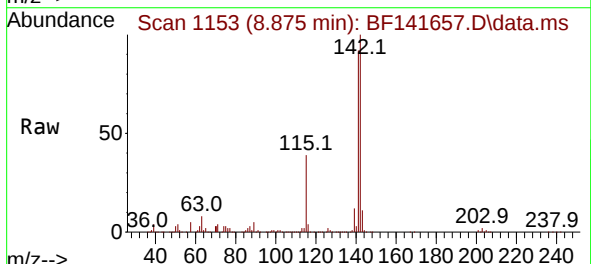
Instrument :
BNA_F
ClientSampleId :
PB166741BS

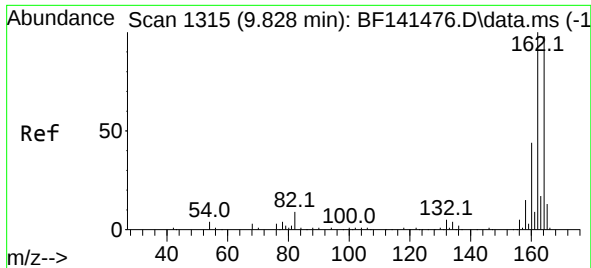
Tgt Ion:142 Resp: 508243
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8



#38
1-Methylnaphthalene
Concen: 39.248 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:142 Resp: 494765
Ion Ratio Lower Upper
142 100
141 91.7 72.1 108.1

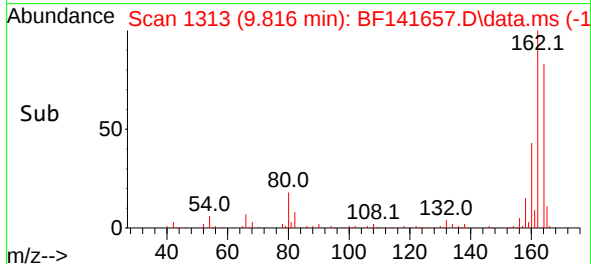
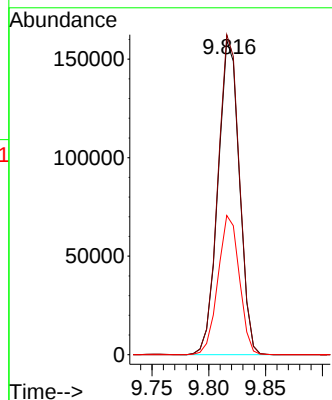
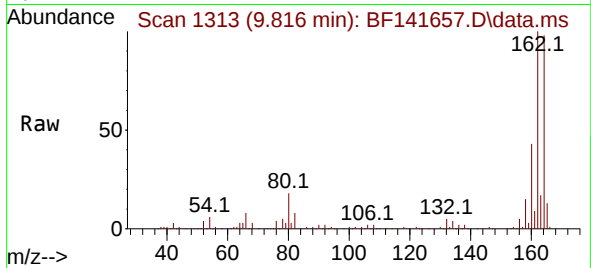




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 111
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

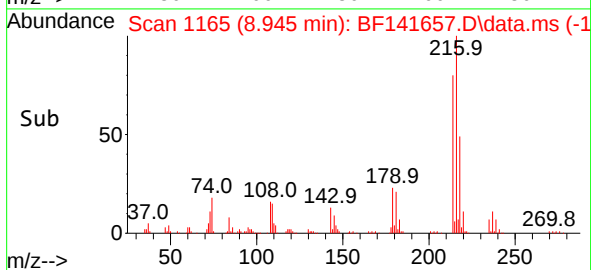
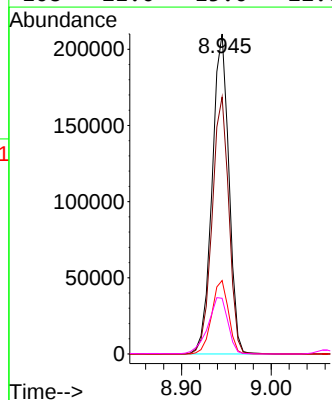
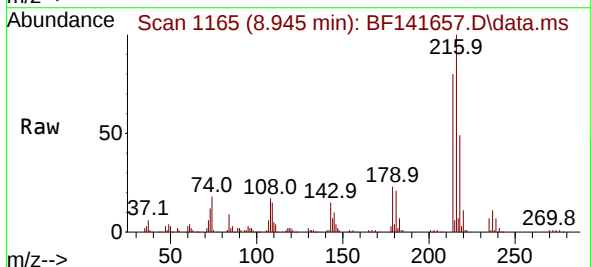
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:164 Resp: 209117
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.3 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.013 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

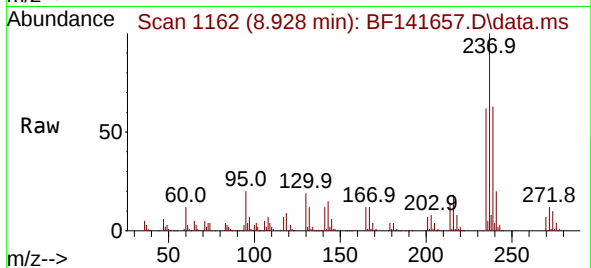
Tgt Ion:216 Resp: 272329
Ion Ratio Lower Upper
216 100
214 80.2 62.3 93.5
179 22.9 18.0 27.0
108 21.0 15.0 22.6



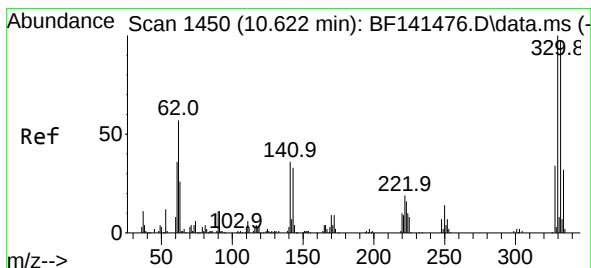
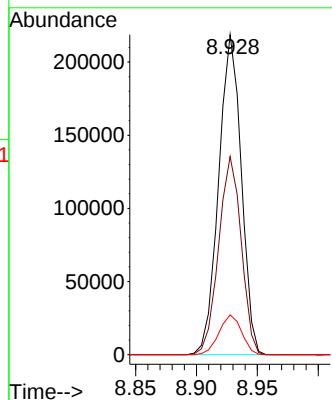
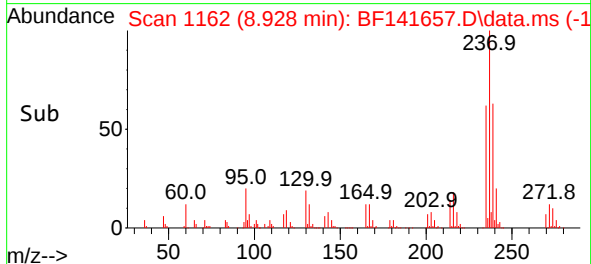


#41
Hexachlorocyclopentadiene
Concen: 140.418 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

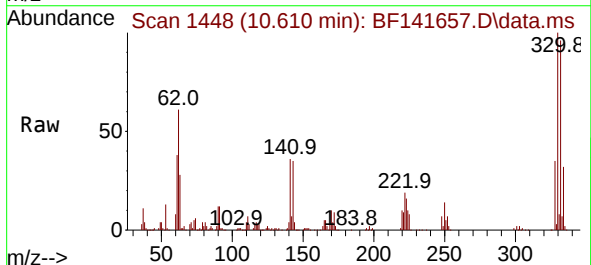
Instrument :
BNA_F
ClientSampleId :
PB166741BS



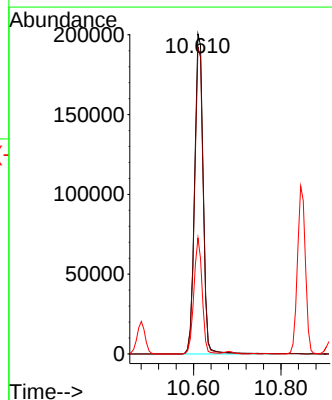
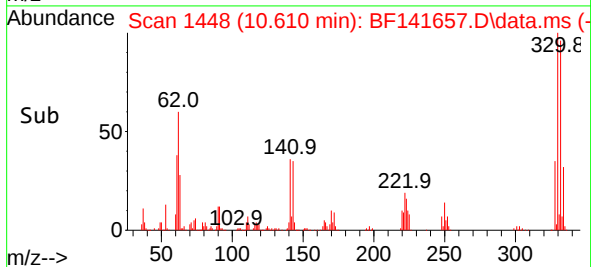
Tgt Ion:237 Resp: 282560
Ion Ratio Lower Upper
237 100
235 61.9 41.4 81.4
272 12.4 0.0 32.4

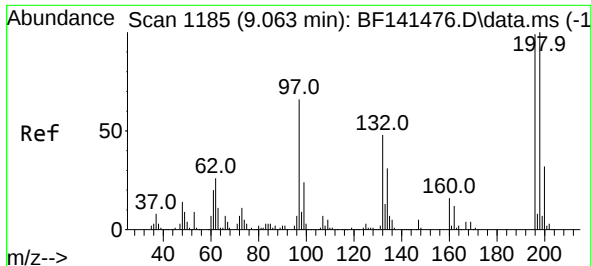


#42
2,4,6-Tribromophenol
Concen: 130.512 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20



Tgt Ion:330 Resp: 274164
Ion Ratio Lower Upper
330 100
332 95.6 78.5 117.7
141 34.8 31.0 46.4

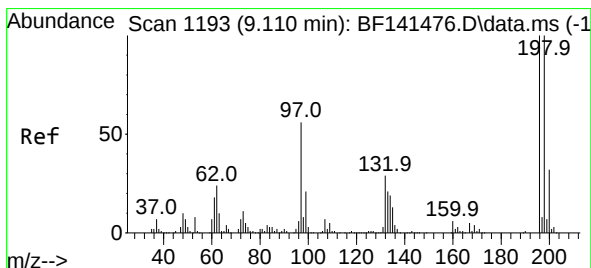
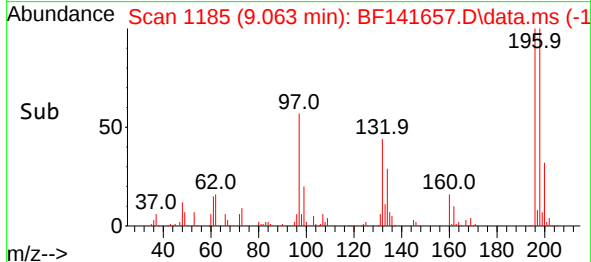
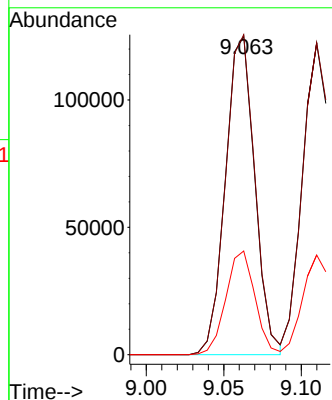
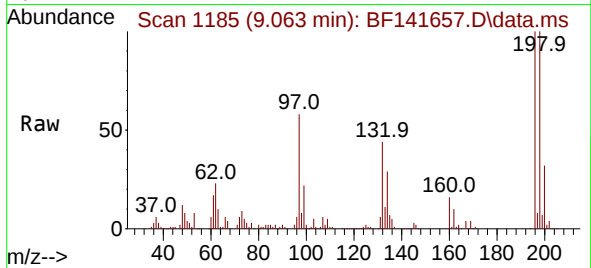




#43
2,4,6-Trichlorophenol
Concen: 42.188 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

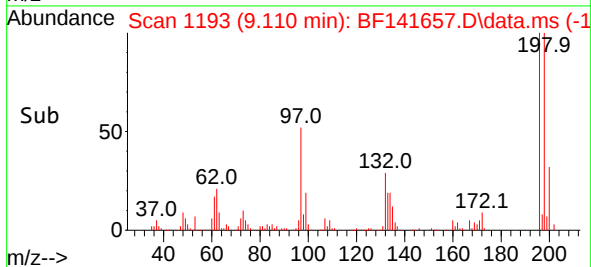
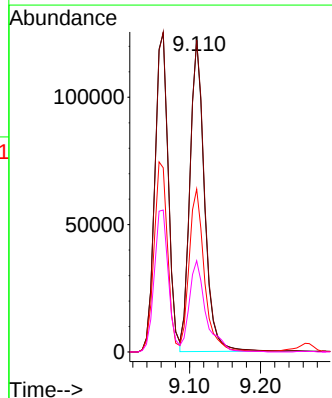
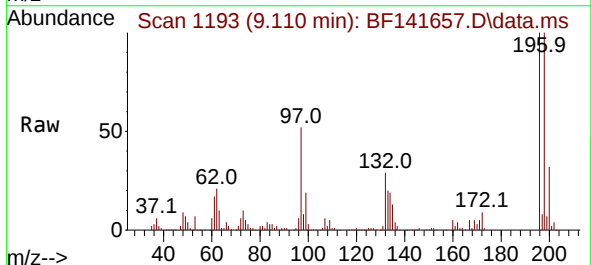
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:196 Resp: 164962
Ion Ratio Lower Upper
196 100
198 100.5 80.6 121.0
200 32.5 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 40.979 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:196 Resp: 173660
Ion Ratio Lower Upper
196 100
198 100.2 79.8 119.8
97 52.3 44.8 67.2
132 29.3 23.9 35.9

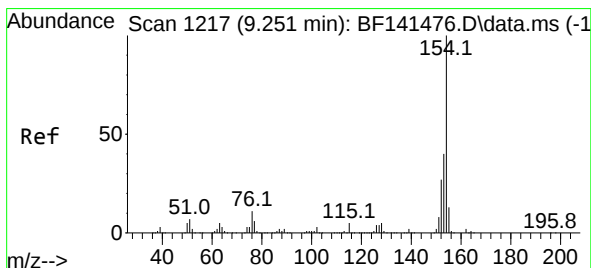
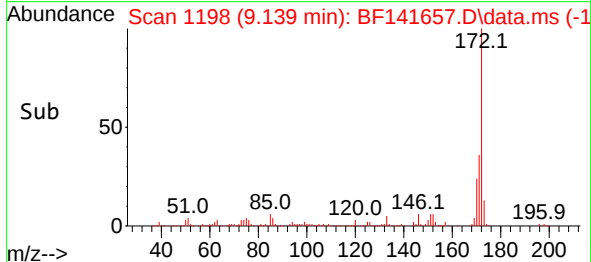
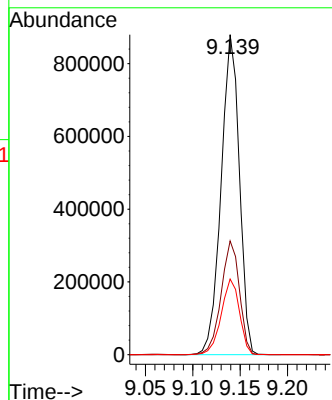
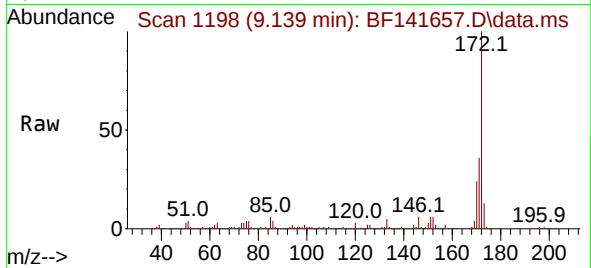




#45
2-Fluorobiphenyl
Concen: 87.025 ng
RT: 9.139 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

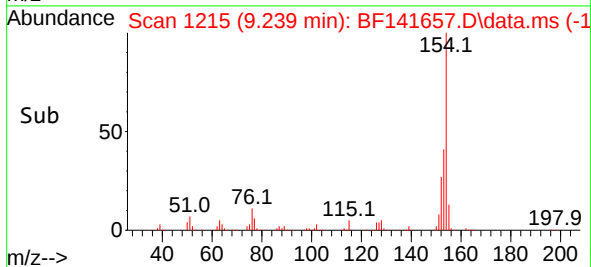
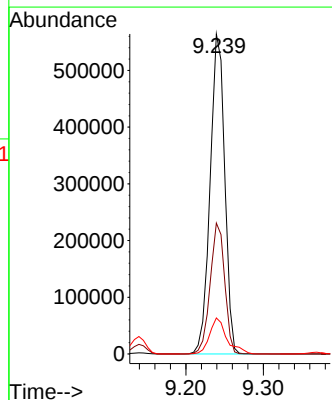
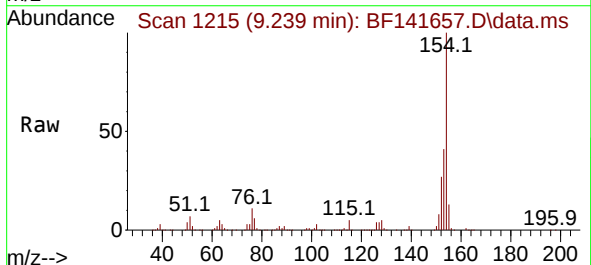
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:172 Resp: 1181228
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.539 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:154 Resp: 738293
Ion Ratio Lower Upper
154 100
153 40.9 20.4 60.4
76 11.2 0.0 30.8

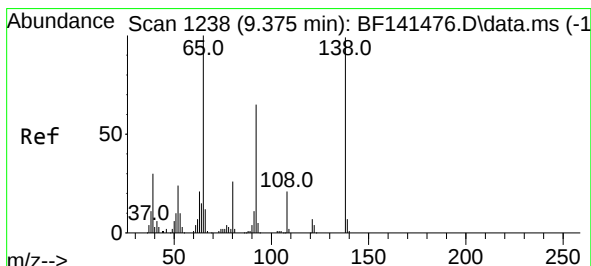
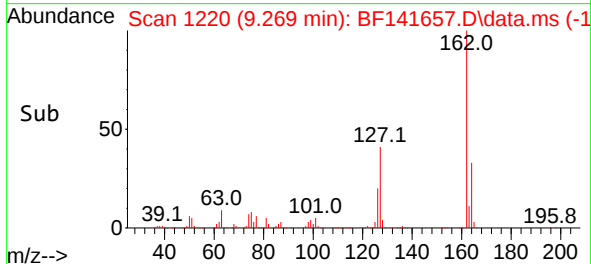
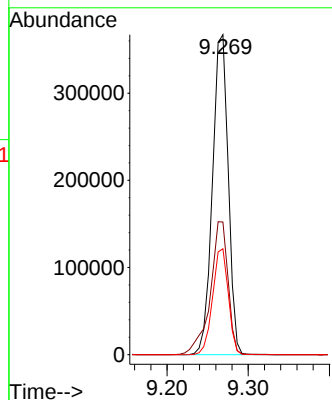
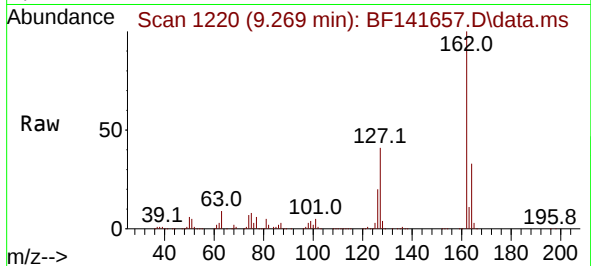




#47
2-Chloronaphthalene
Concen: 41.369 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

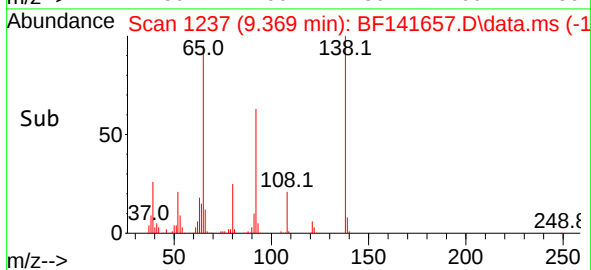
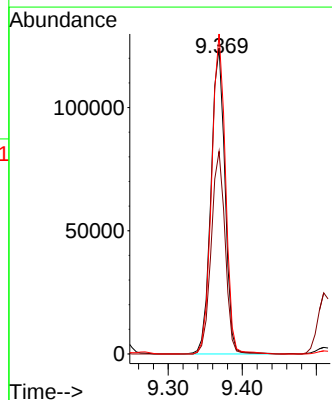
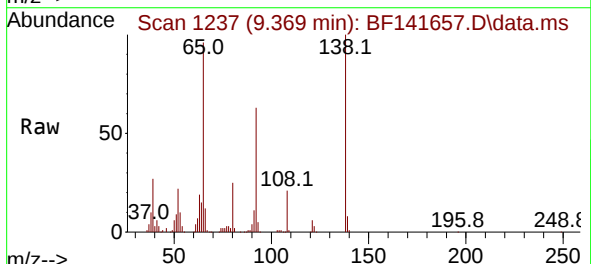
Instrument :
BNA_F
ClientSampleId :
PB166741BS

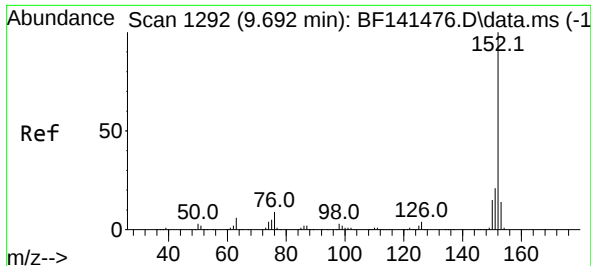
Tgt Ion:162 Resp: 495954
Ion Ratio Lower Upper
162 100
127 41.4 34.1 51.1
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 40.389 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion: 65 Resp: 162501
Ion Ratio Lower Upper
65 100
92 66.2 52.2 78.2
138 104.6 79.5 119.3





#49

Acenaphthylene

Concen: 43.498 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

BNA_F

ClientSampleId :

PB166741BS

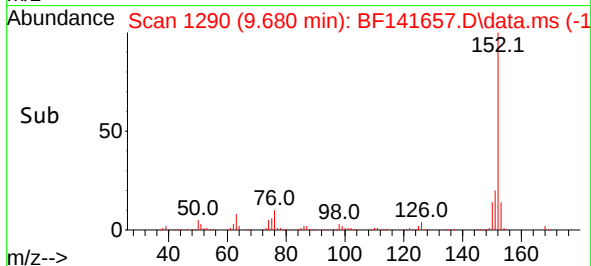
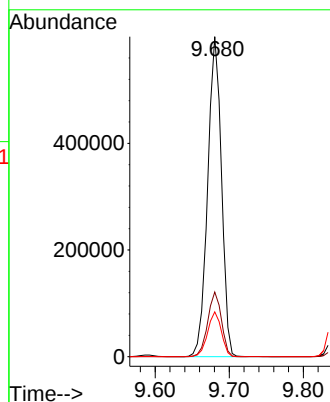
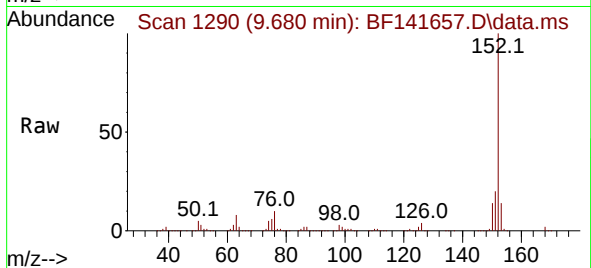
Tgt Ion:152 Resp: 775638

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 42.367 ng

RT: 9.545 min Scan# 1267

Delta R.T. -0.018 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

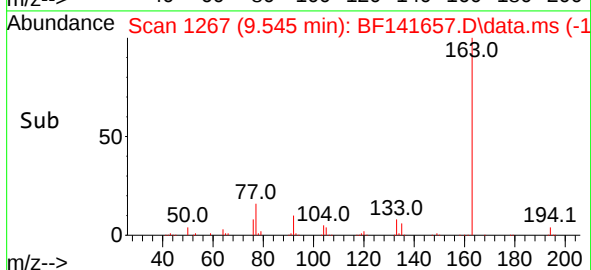
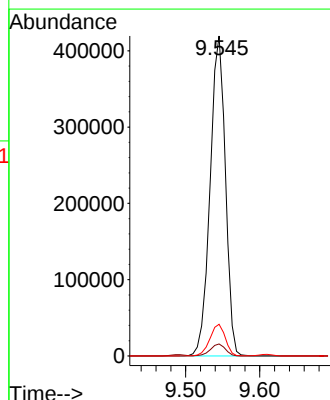
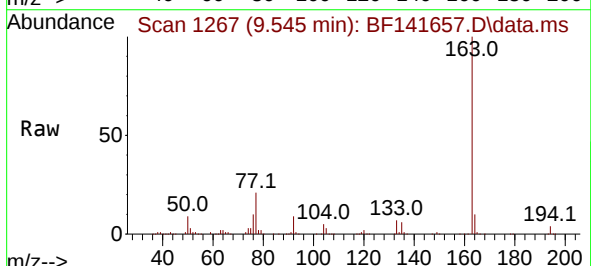
Tgt Ion:163 Resp: 601454

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 9.9 7.9 11.9

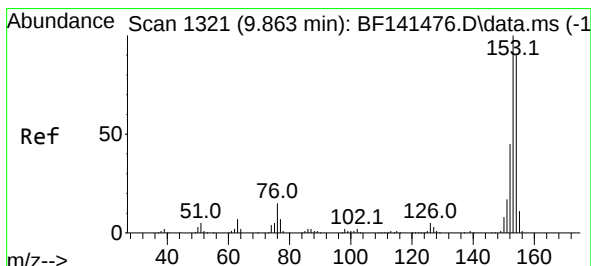
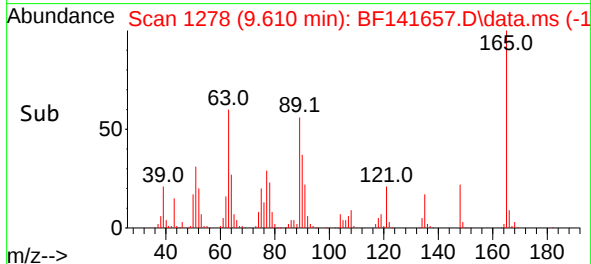
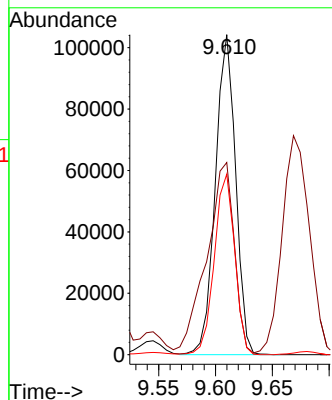
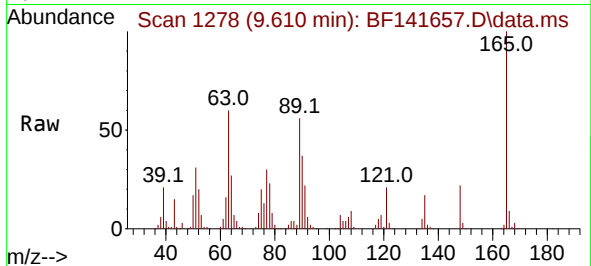




#51
2,6-Dinitrotoluene
Concen: 41.641 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

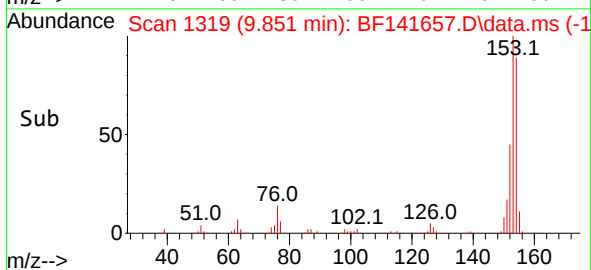
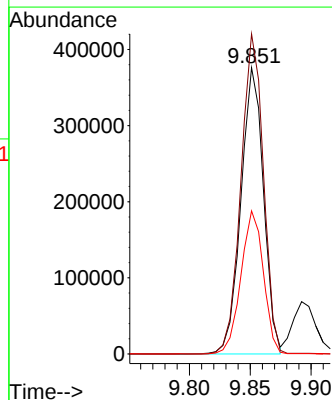
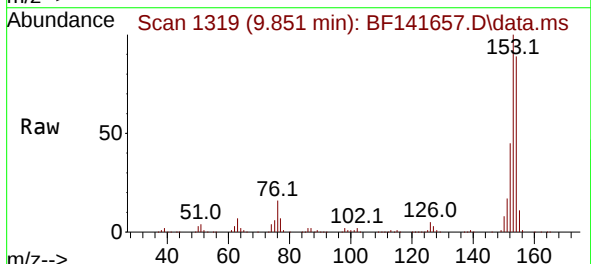
Instrument :
BNA_F
ClientSampleId :
PB166741BS

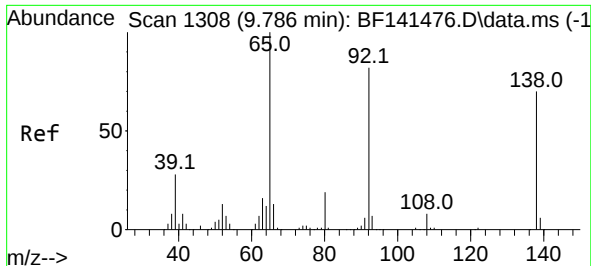
Tgt Ion:165 Resp: 129231
Ion Ratio Lower Upper
165 100
63 60.1 49.4 74.0
89 56.4 46.5 69.7



#52
Acenaphthene
Concen: 40.446 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

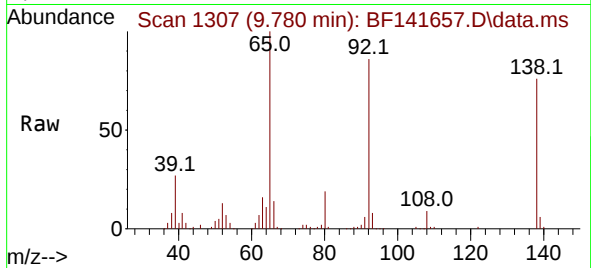
Tgt Ion:154 Resp: 484864
Ion Ratio Lower Upper
154 100
153 111.8 89.2 133.8
152 50.0 39.8 59.8



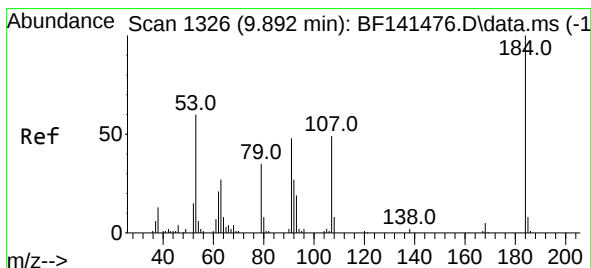
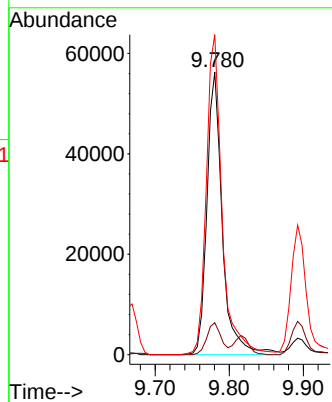
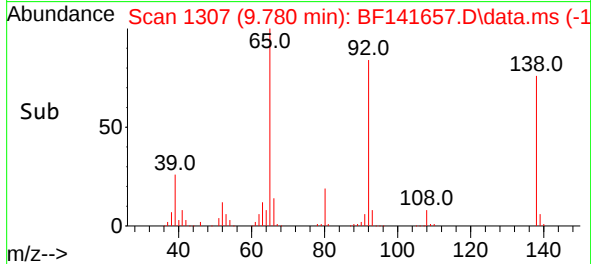


#53
3-Nitroaniline
Concen: 24.363 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Instrument :
BNA_F
ClientSampleId :
PB166741BS

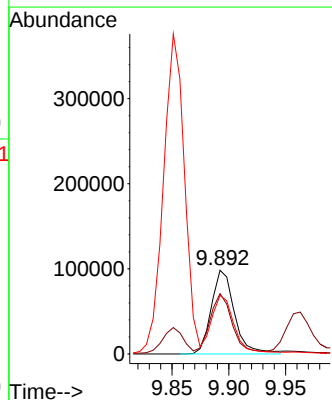
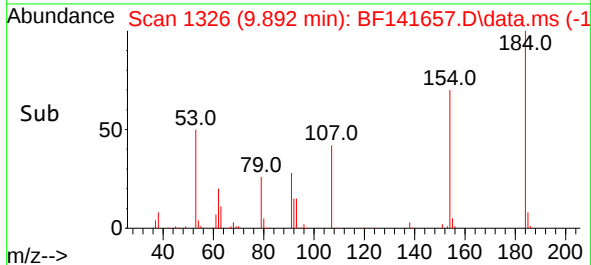
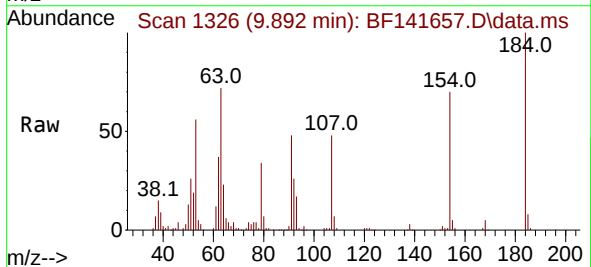


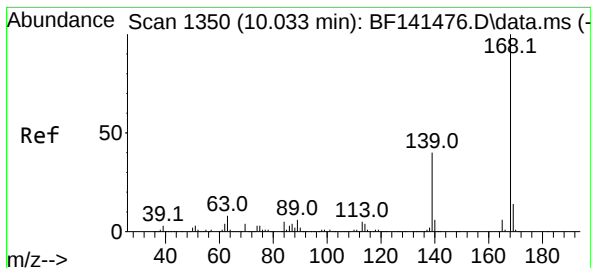
Tgt Ion:138 Resp: 81377
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 113.2 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 75.903 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:184 Resp: 139999
Ion Ratio Lower Upper
184 100
63 72.1 61.0 91.6
154 70.0 59.9 89.9

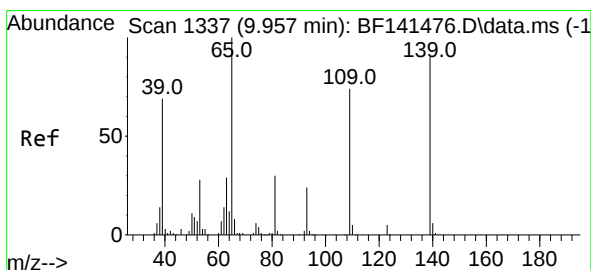
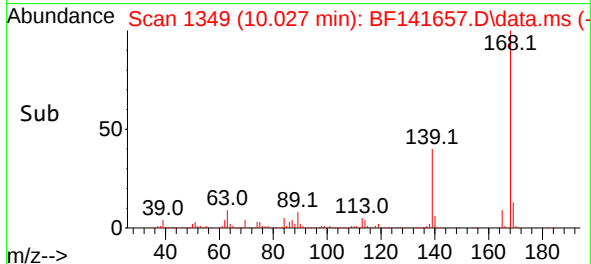
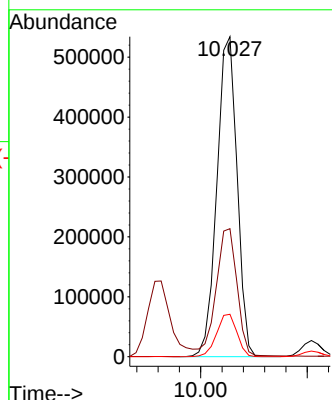
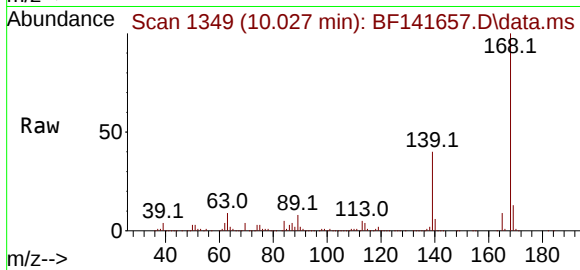




#55
Dibenzenofuran
Concen: 39.880 ng
RT: 10.027 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

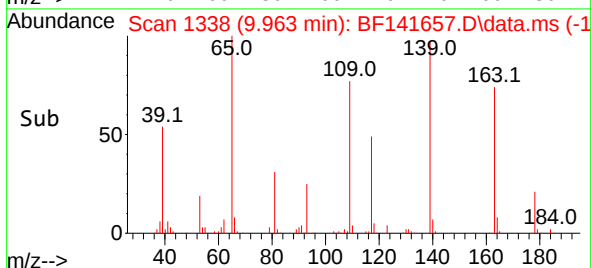
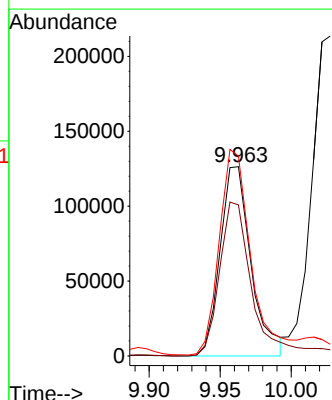
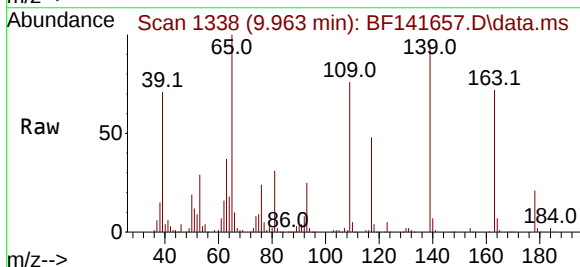
Instrument :
BNA_F
ClientSampleId :
PB166741BS

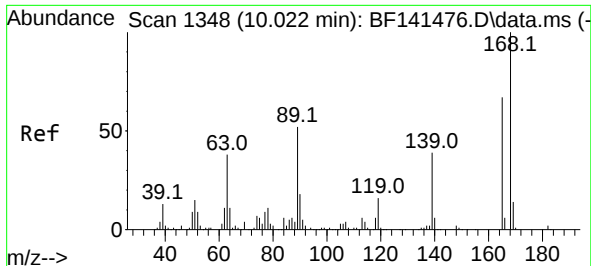
Tgt Ion:168 Resp: 701741
Ion Ratio Lower Upper
168 100
139 40.0 32.7 49.1
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 77.343 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

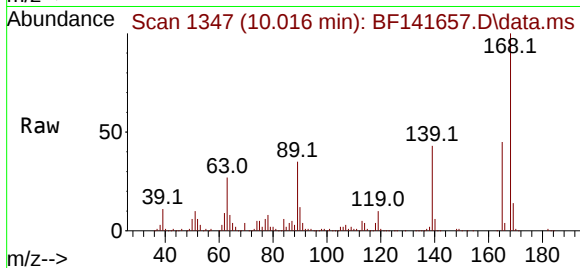
Tgt Ion:139 Resp: 191776
Ion Ratio Lower Upper
139 100
109 79.8 62.0 102.0
65 105.5 91.2 131.2



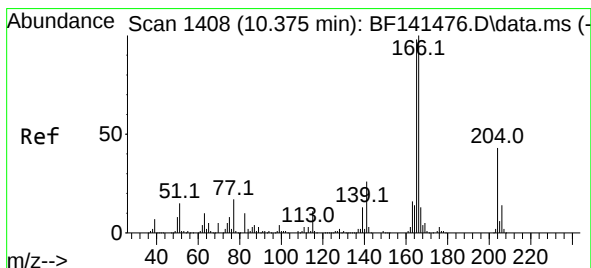
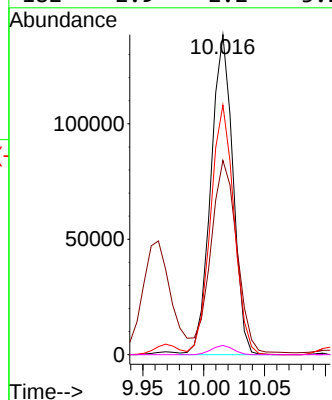
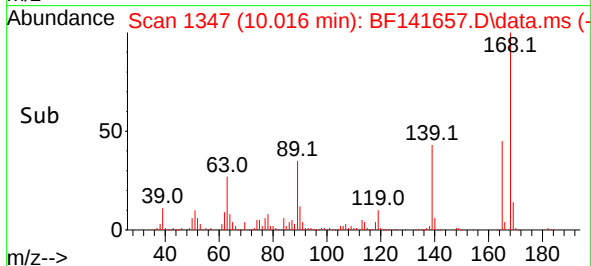


#57
2,4-Dinitrotoluene
Concen: 42.380 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

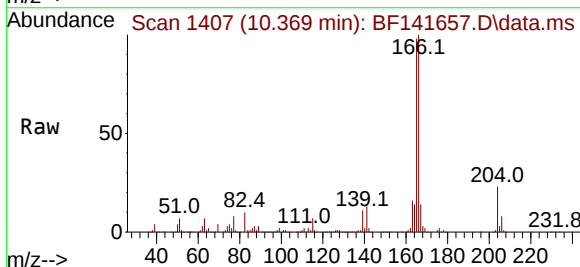
Instrument :
BNA_F
ClientSampleId :
PB166741BS



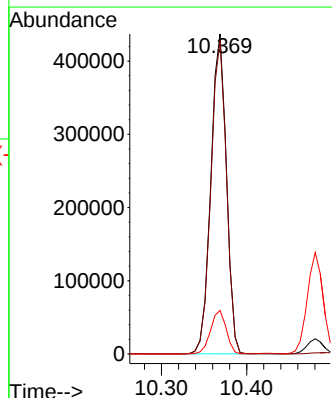
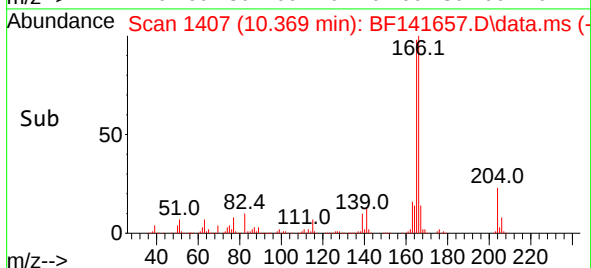
Tgt Ion:165 Resp: 175091
Ion Ratio Lower Upper
165 100
63 60.7 46.4 69.6
89 78.0 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 40.870 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20



Tgt Ion:166 Resp: 556060
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.6 10.7 16.1

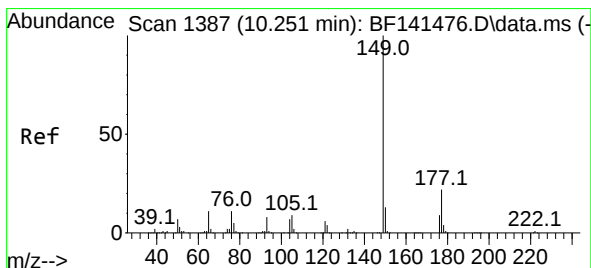
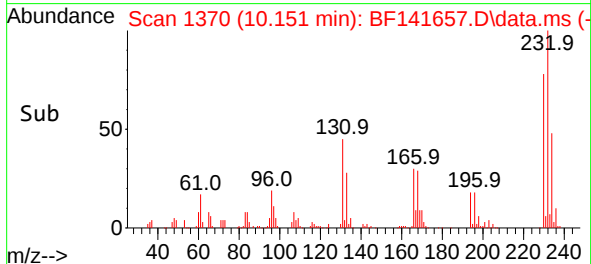
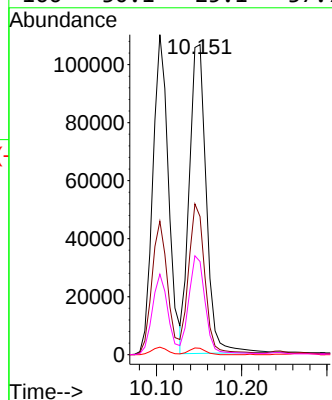
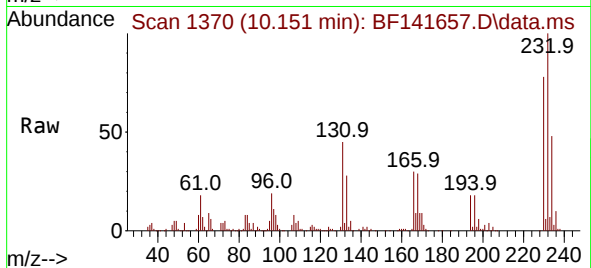




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.345 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

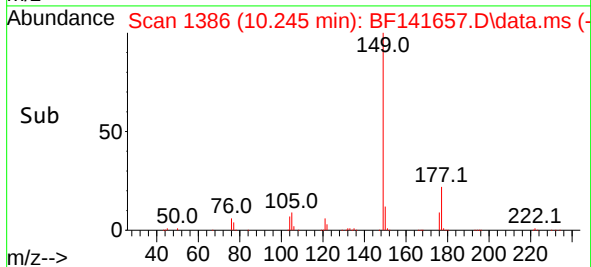
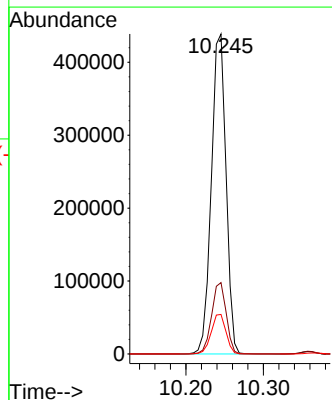
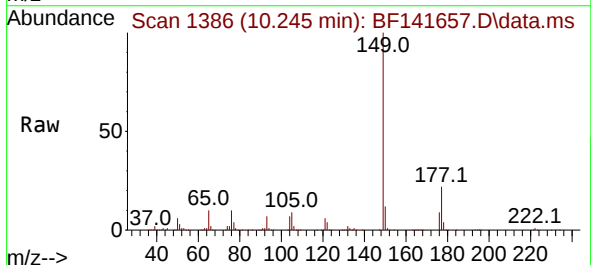
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:232 Resp: 147196
Ion Ratio Lower Upper
232 100
131 46.8 39.2 58.8
130 2.1 2.1 3.1
166 30.1 25.1 37.7



#60
Diethylphthalate
Concen: 41.346 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:149 Resp: 577505
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.3 10.1 15.1

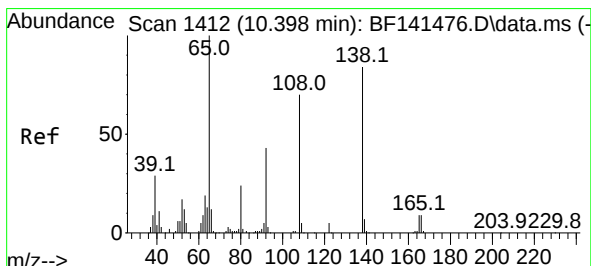
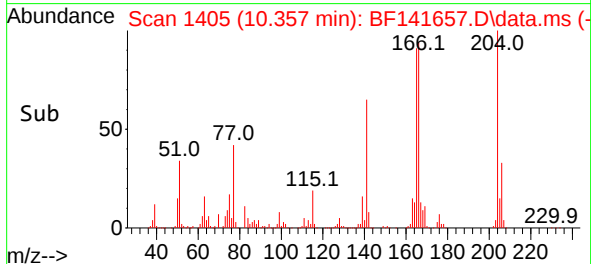
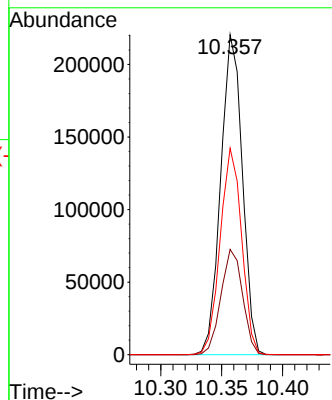
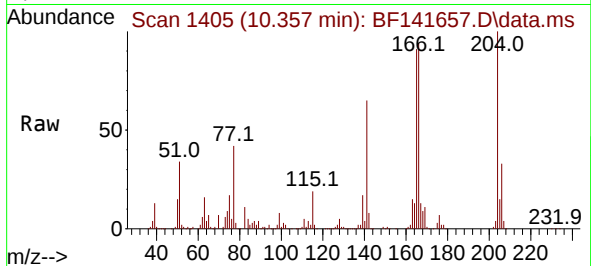




#61
4-Chlorophenyl-phenylether
Concen: 41.740 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

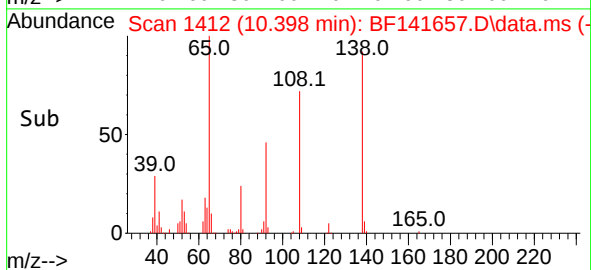
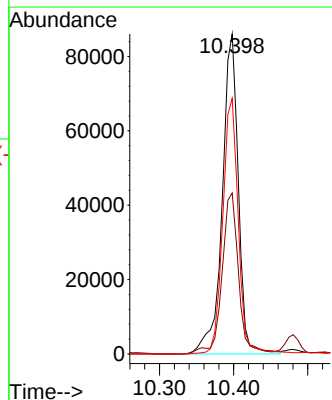
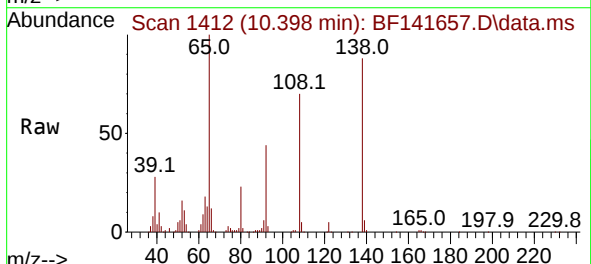
Instrument :
BNA_F
ClientSampleId :
PB166741BS

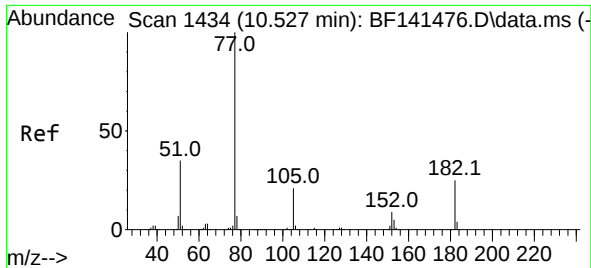
Tgt Ion:204 Resp: 273204
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 64.5 51.9 77.9



#62
4-Nitroaniline
Concen: 38.347 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:138 Resp: 130062
Ion Ratio Lower Upper
138 100
92 50.3 31.3 71.3
108 79.8 63.7 103.7

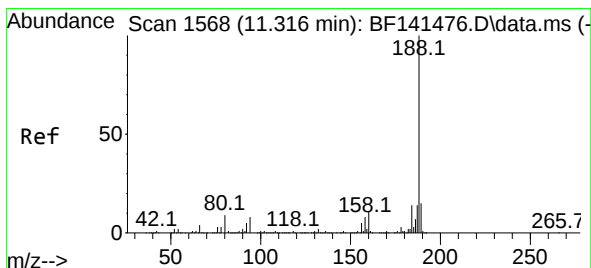
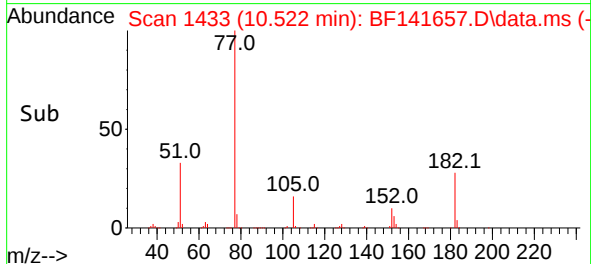
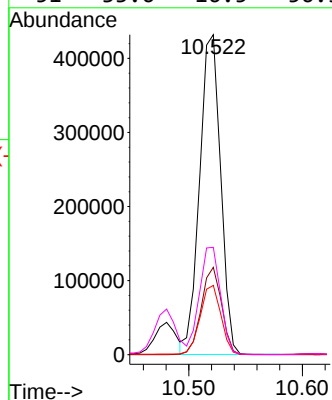
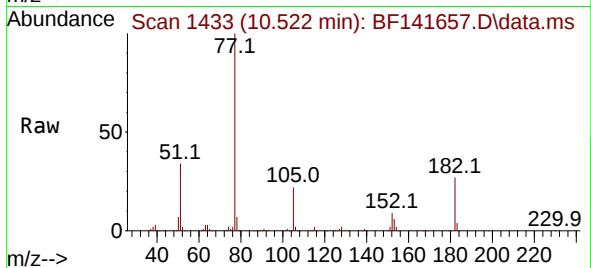




#63
Azobenzene
Concen: 39.997 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

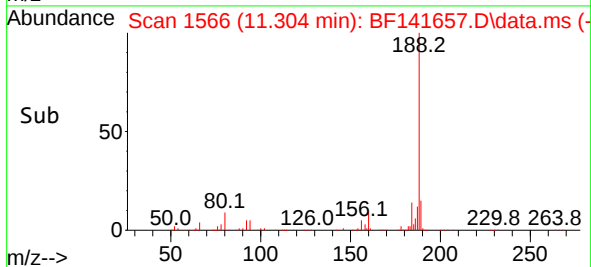
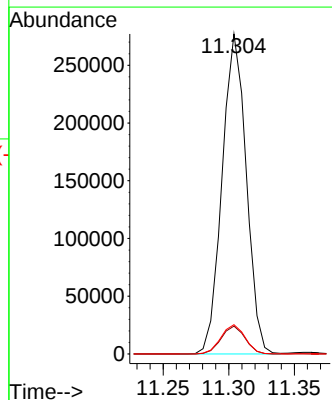
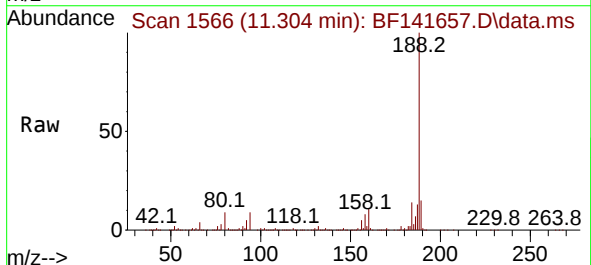
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:	77	Resp:	555386
Ion	Ratio	Lower	Upper
77	100		
182	27.3	4.7	44.7
105	21.7	0.4	40.4
51	33.6	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:	188	Resp:	354816
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.2	7.3	10.9

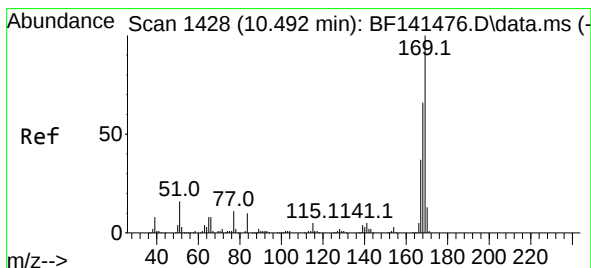
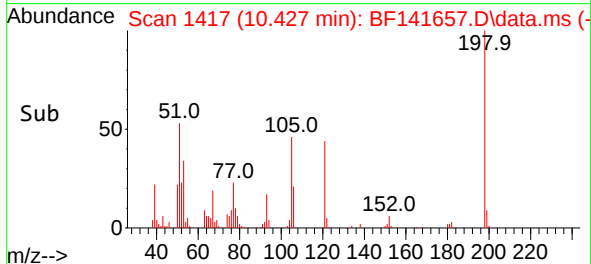
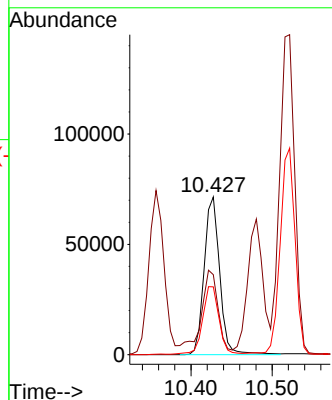
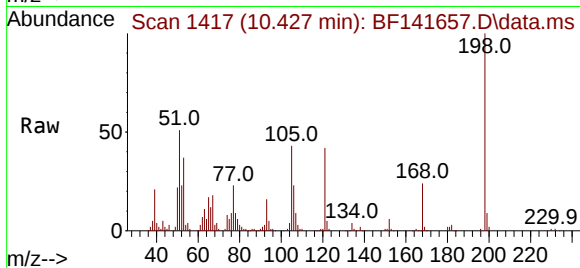




#65
4,6-Dinitro-2-methylphenol
Concen: 38.605 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

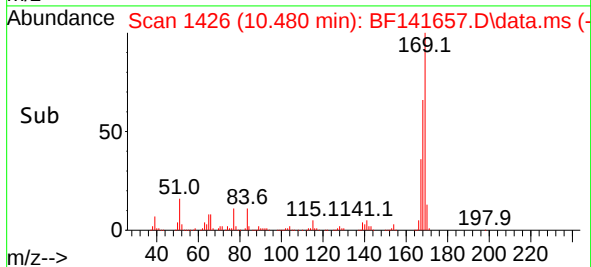
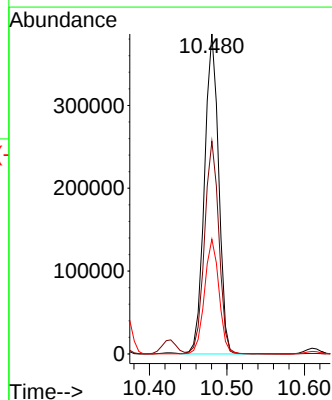
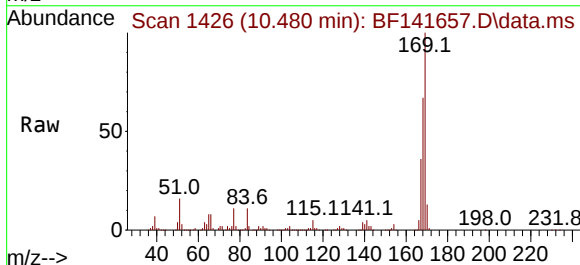
Instrument :
BNA_F
ClientSampleId :
PB166741BS

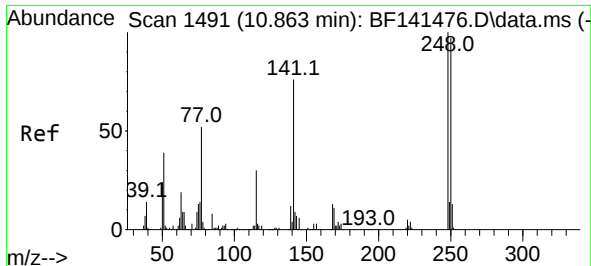
Tgt Ion:198 Resp: 95151
Ion Ratio Lower Upper
198 100
51 50.7 37.4 77.4
105 43.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 43.240 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:169 Resp: 491117
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 35.9 29.4 44.2

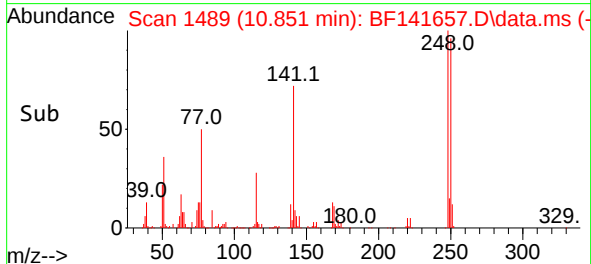
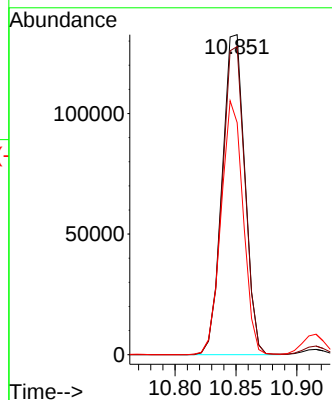
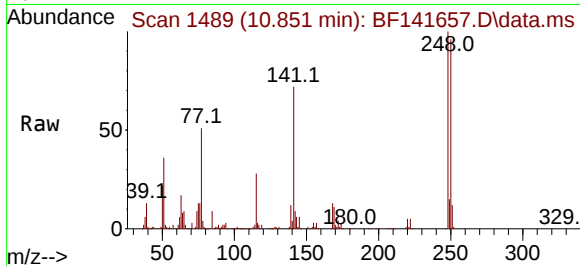




#67
4-Bromophenyl-phenylether
Concen: 43.470 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

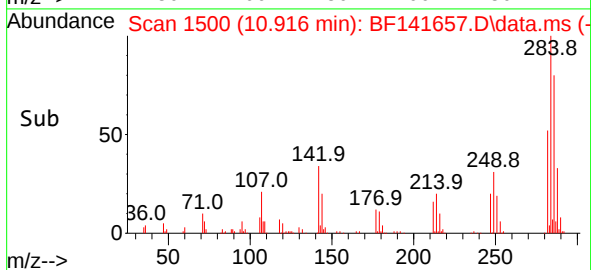
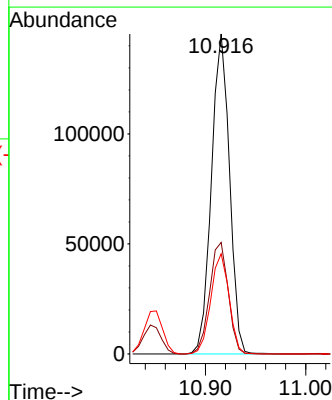
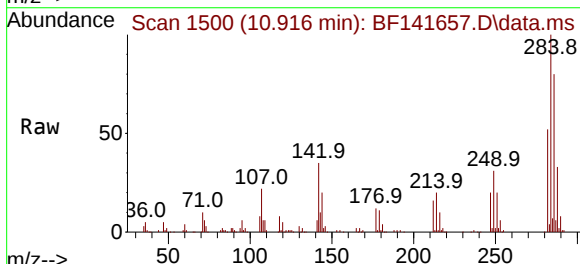
Instrument :
BNA_F
ClientSampleId :
PB166741BS

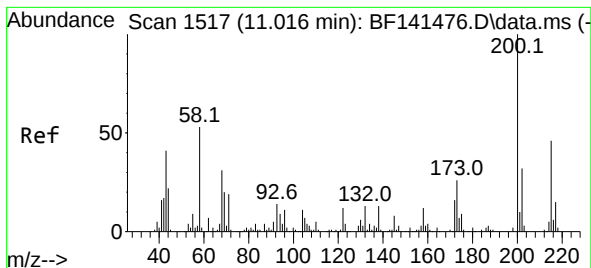
Tgt Ion:248 Resp: 172383
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 72.5 60.6 90.8



#68
Hexachlorobenzene
Concen: 44.629 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:284 Resp: 182238
Ion Ratio Lower Upper
284 100
142 34.8 28.0 42.0
249 31.3 25.8 38.8





#69

Atrazine

Concen: 53.244 ng

RT: 11.010 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

BNA_F

ClientSampleId :

PB166741BS

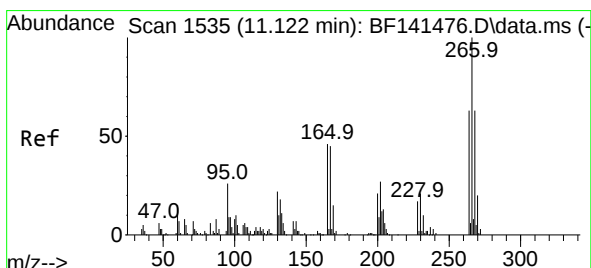
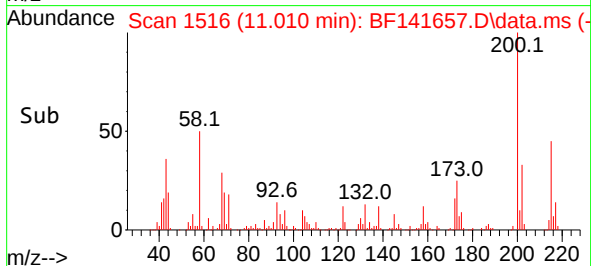
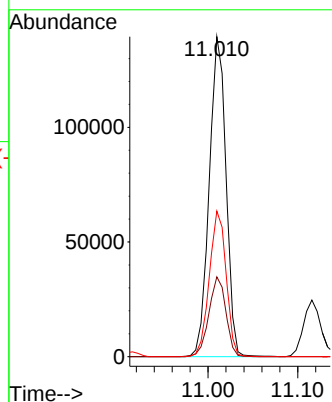
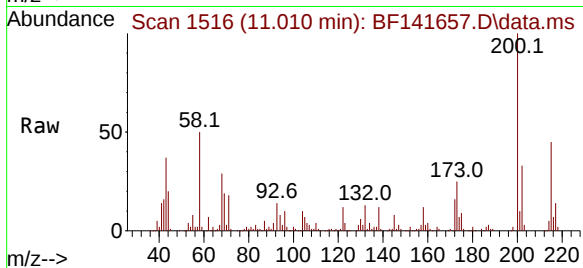
Tgt Ion:200 Resp: 181424

Ion Ratio Lower Upper

200 100

173 25.0 5.9 45.9

215 45.5 25.9 65.9



#70

Pentachlorophenol

Concen: 72.132 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

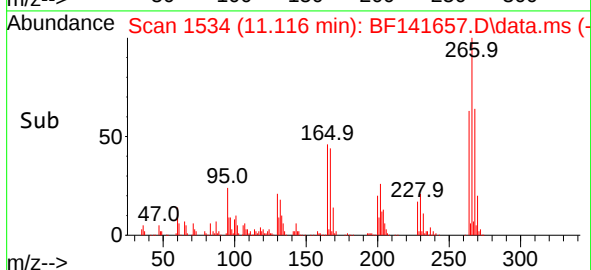
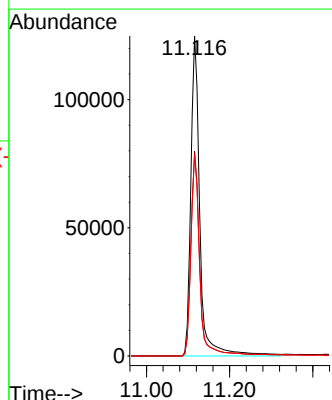
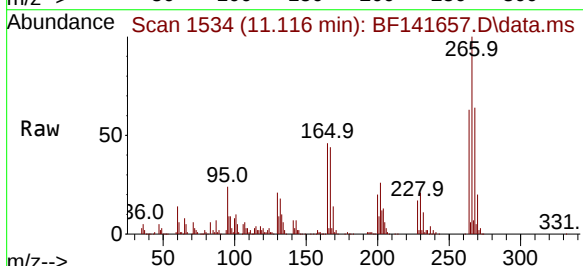
Tgt Ion:266 Resp: 188338

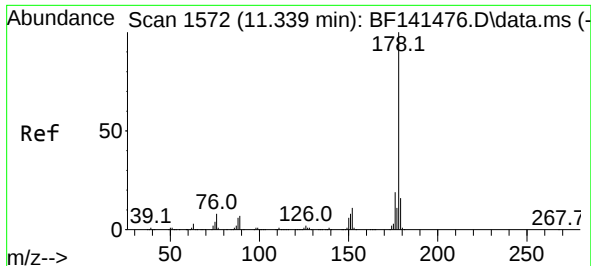
Ion Ratio Lower Upper

266 100

268 63.9 50.1 75.1

264 63.0 50.1 75.1

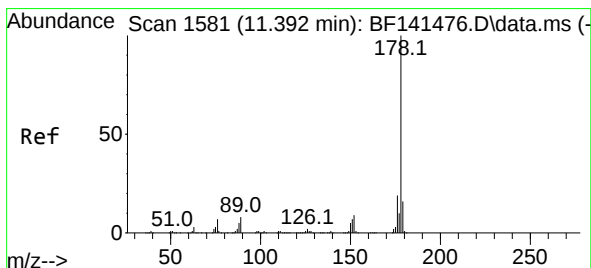
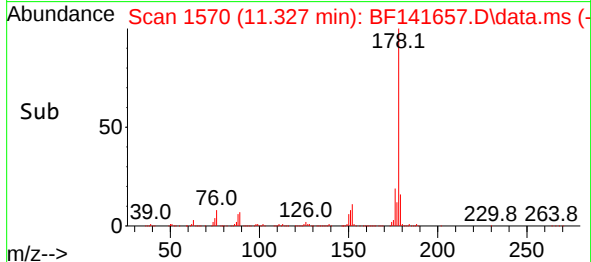
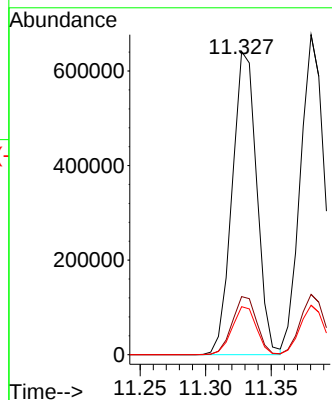
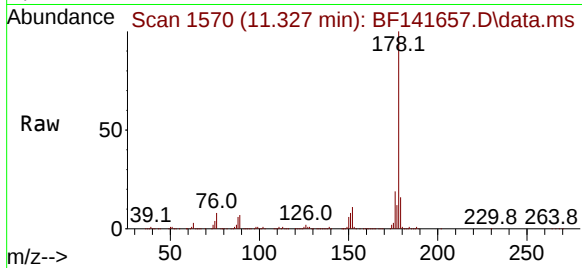




#71
Phenanthrene
Concen: 42.795 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

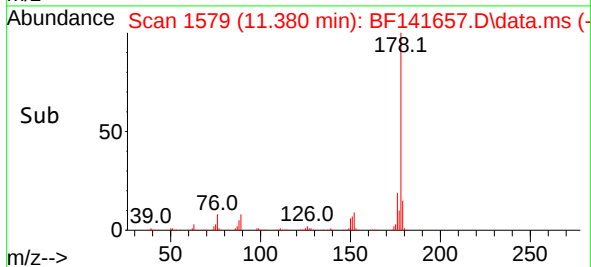
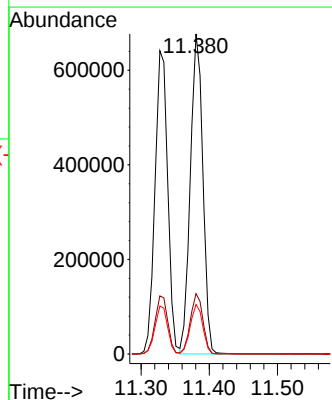
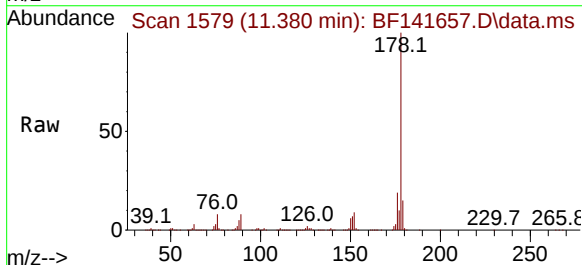
Instrument :
BNA_F
ClientSampleId :
PB166741BS

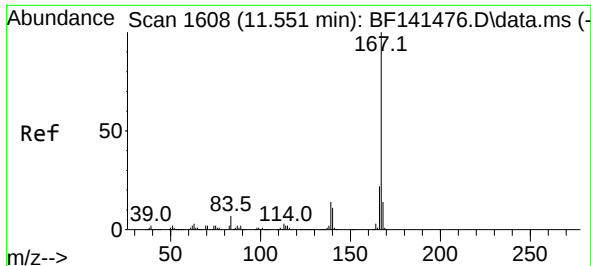
Tgt Ion:178 Resp: 835841
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.8 12.4 18.6



#72
Anthracene
Concen: 43.689 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:178 Resp: 857767
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.5 12.4 18.6

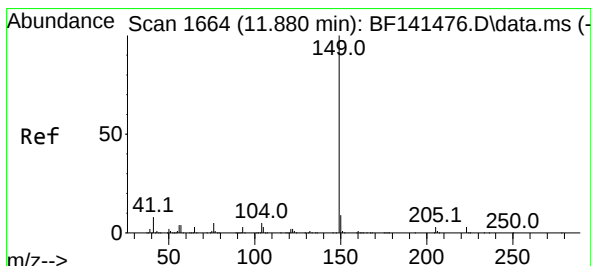
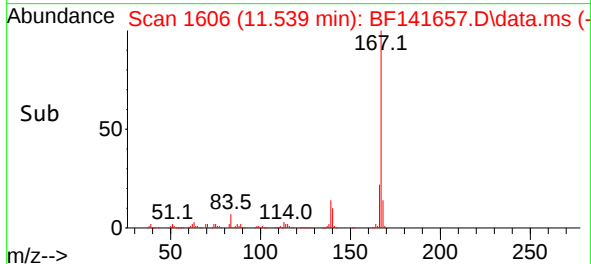
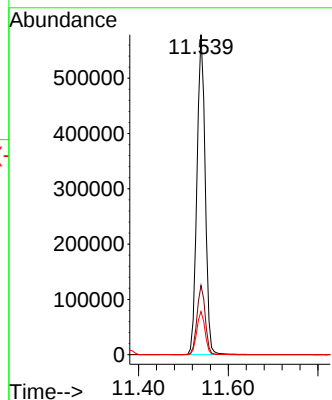
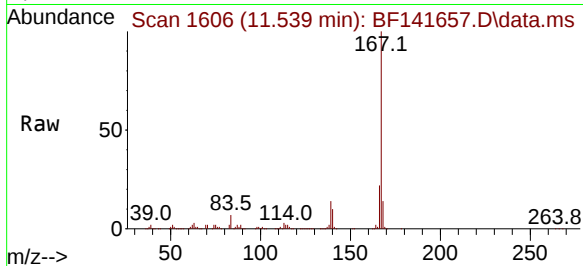




#73
Carbazole
Concen: 41.875 ng
RT: 11.539 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

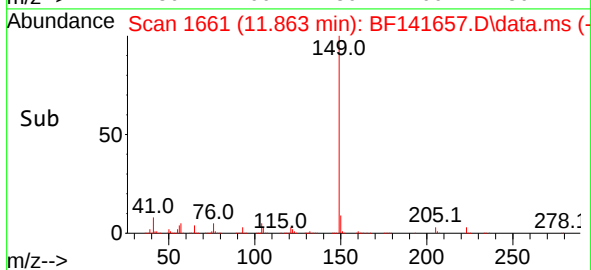
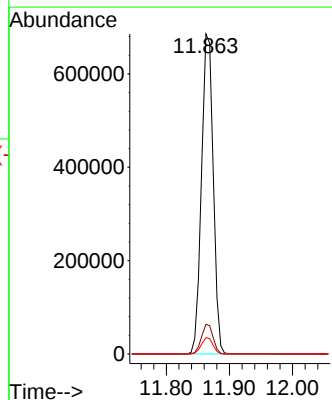
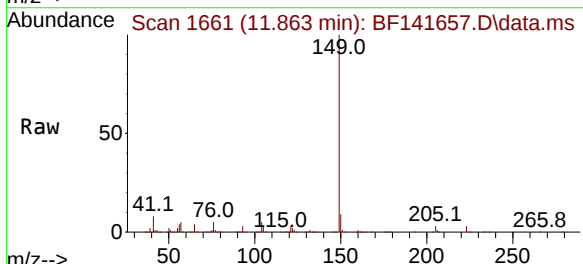
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:167 Resp: 739768
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.2
139 13.5 10.9 16.3



#74
Di-n-butylphthalate
Concen: 43.371 ng
RT: 11.863 min Scan# 1661
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

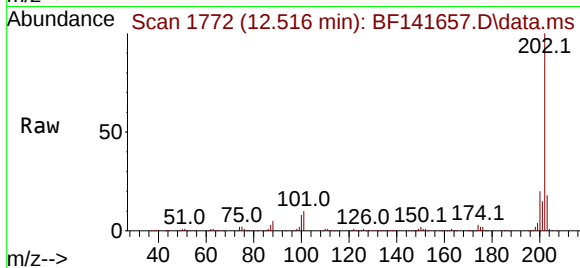
Tgt Ion:149 Resp: 884696
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.1 4.2 6.2



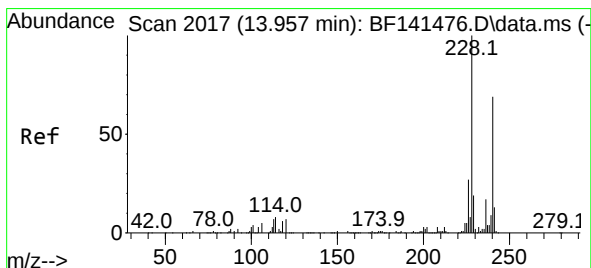
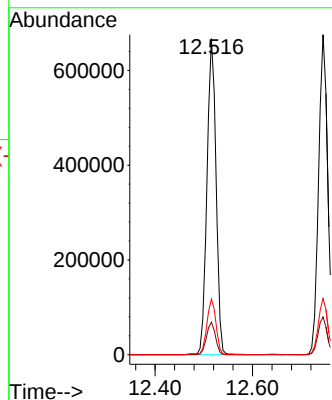


#75
Fluoranthene
Concen: 41.475 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Instrument :
BNA_F
ClientSampleId :
PB166741BS

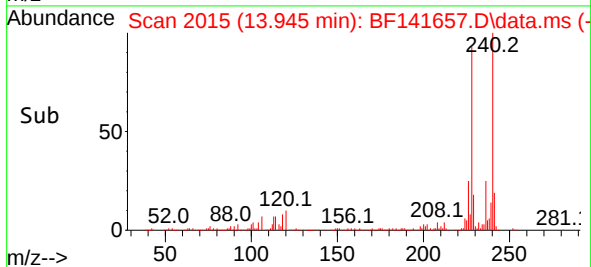
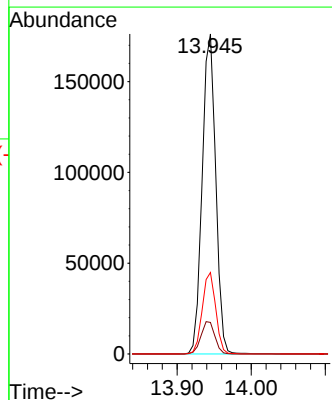
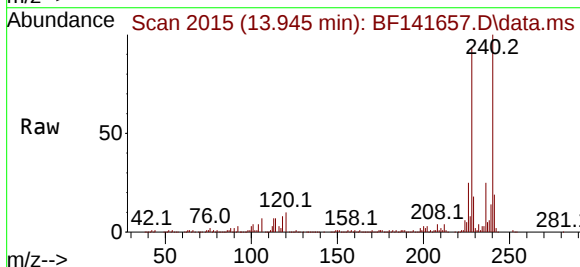


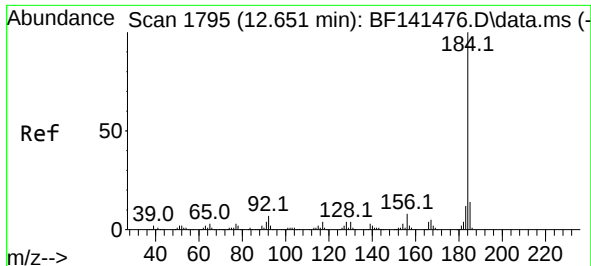
Tgt Ion:202 Resp: 858807
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:240 Resp: 223389
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.4 19.8 29.8

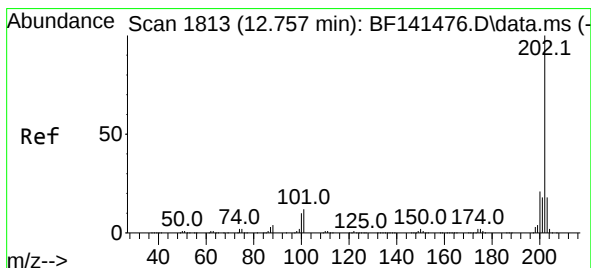
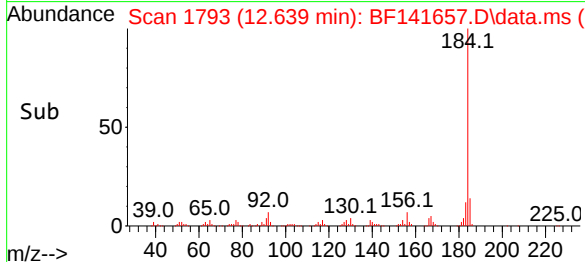
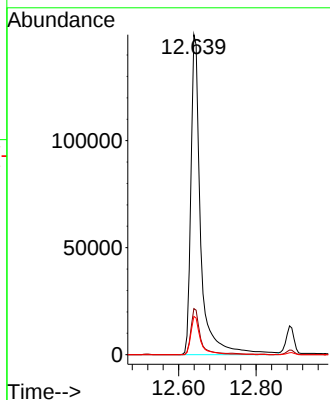
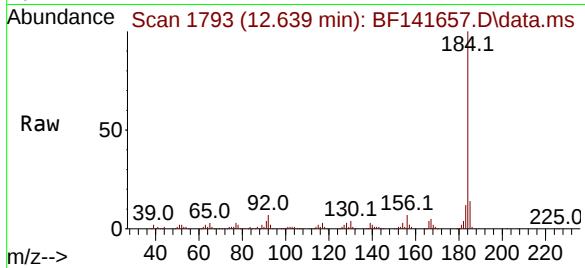




#77
Benzidine
Concen: 53.514 ng
RT: 12.639 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

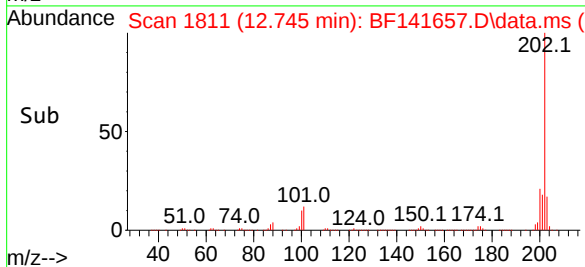
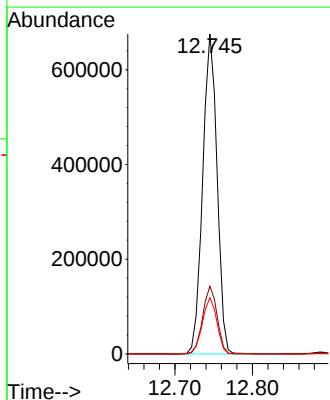
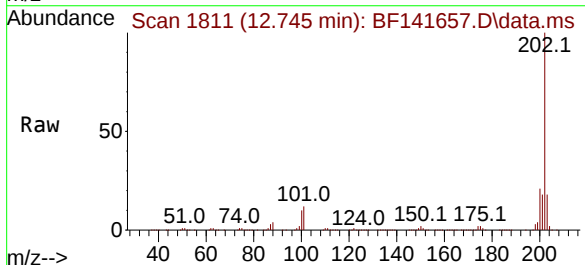
Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:184 Resp: 263647
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 45.742 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:202 Resp: 869851
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 101.223 ng

RT: 12.886 min Scan# 1835

Delta R.T. -0.018 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

BNA_F

ClientSampleId :

PB166741BS

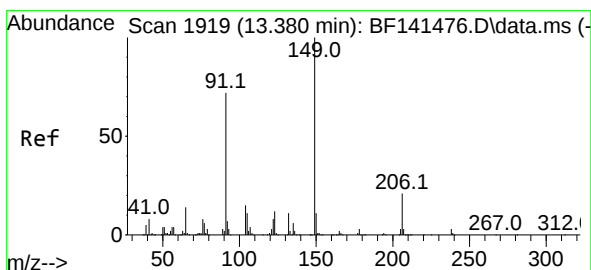
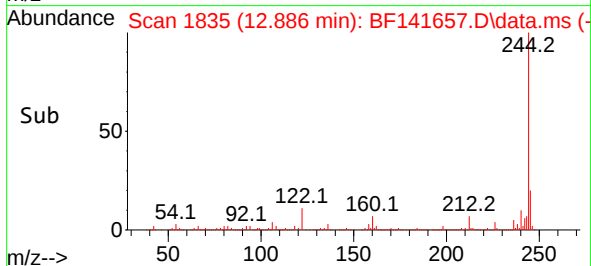
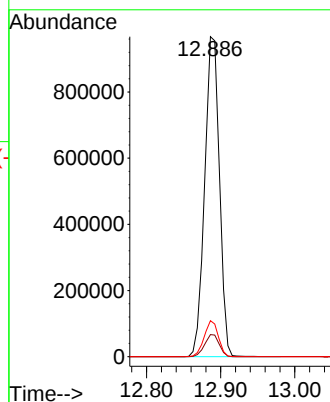
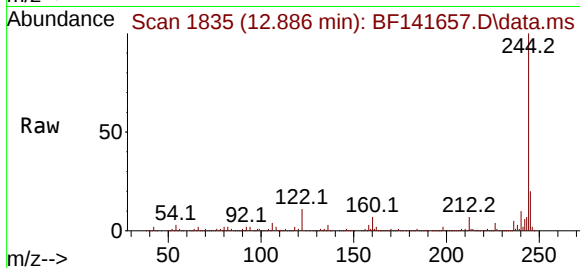
Tgt Ion:244 Resp: 1339442

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.2 8.4 12.6



#80

Butylbenzylphthalate

Concen: 48.461 ng

RT: 13.363 min Scan# 1916

Delta R.T. -0.018 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

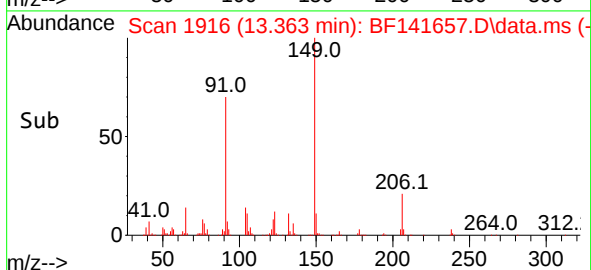
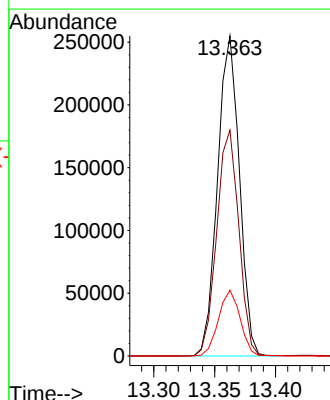
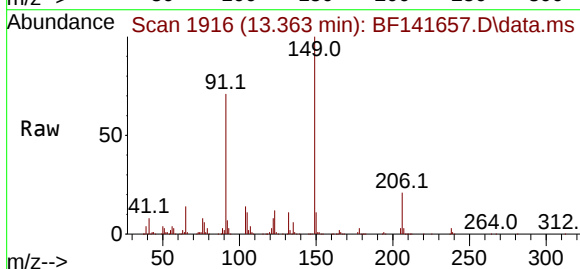
Tgt Ion:149 Resp: 319199

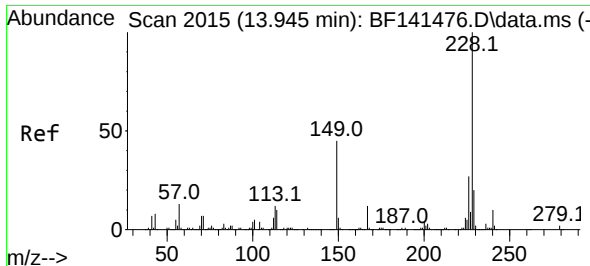
Ion Ratio Lower Upper

149 100

91 70.5 57.8 86.8

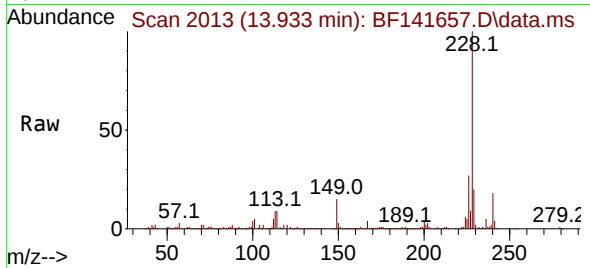
206 20.6 16.7 25.1



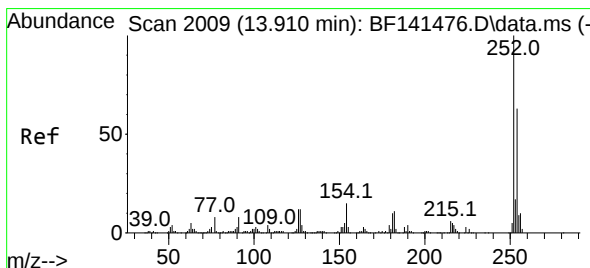
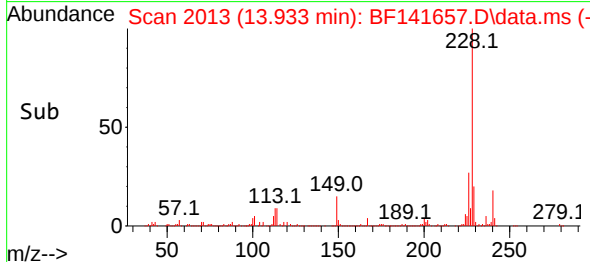
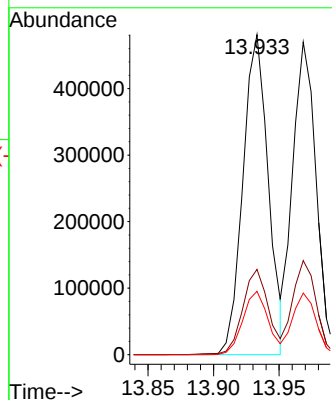


#81
Benzo(a)anthracene
Concen: 43.614 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Instrument :
BNA_F
ClientSampleId :
PB166741BS

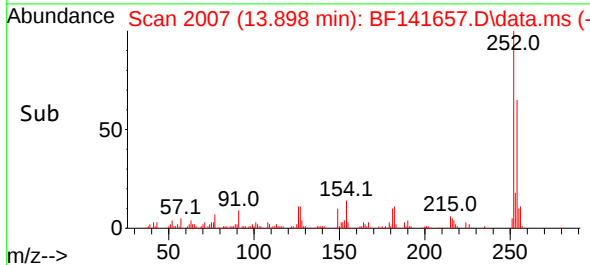
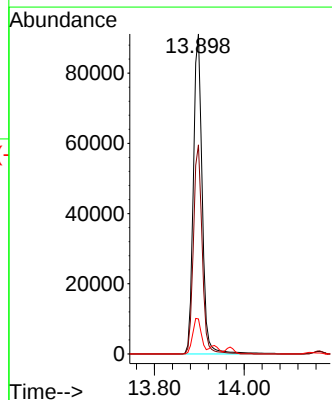
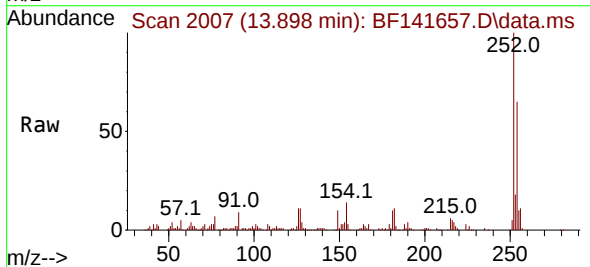


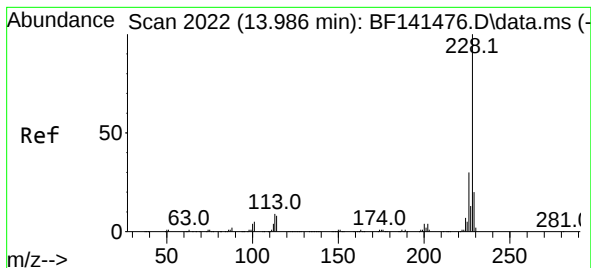
Tgt Ion:228 Resp: 647648
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 29.345 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:252 Resp: 124826
Ion Ratio Lower Upper
252 100
254 65.3 50.6 76.0
126 11.0 9.3 13.9





#83

Chrysene

Concen: 42.553 ng

RT: 13.968 min Scan# 2011

Delta R.T. -0.023 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

BNA_F

ClientSampleId :

PB166741BS

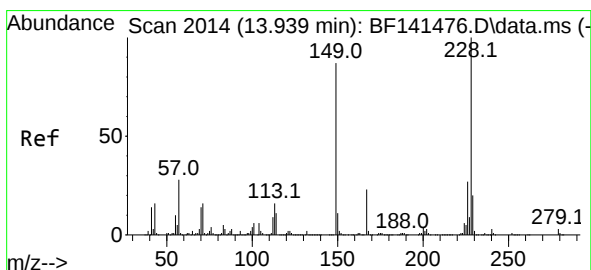
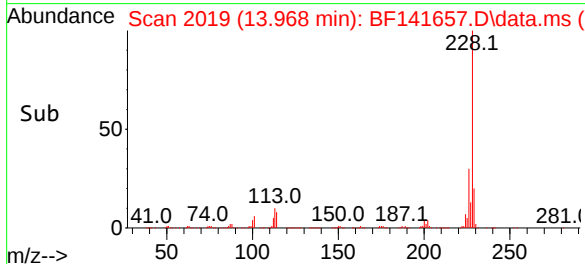
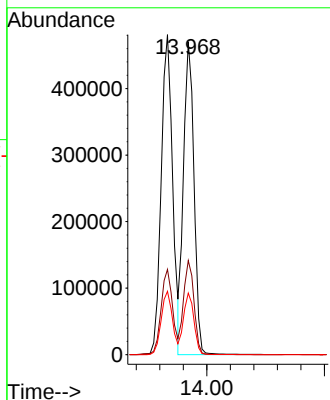
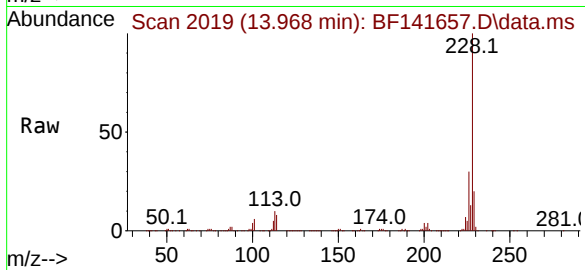
Tgt Ion:228 Resp: 583447

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.811 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.018 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

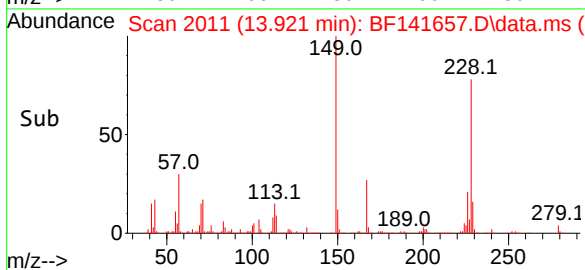
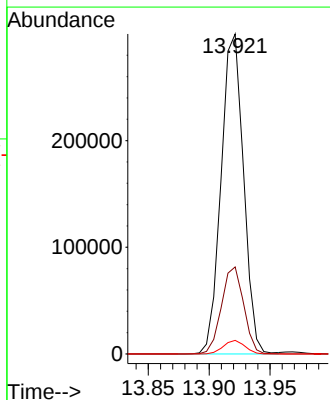
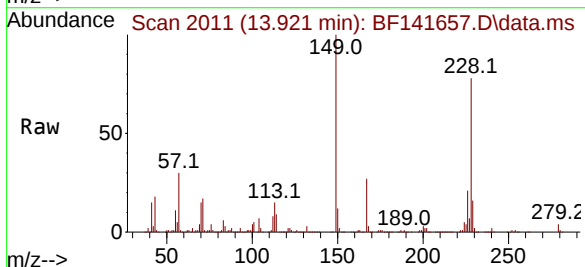
Tgt Ion:149 Resp: 384895

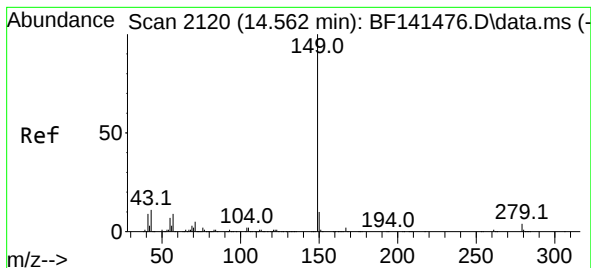
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 50.477 ng

RT: 14.533 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

BNA_F

ClientSampleId :

PB166741BS

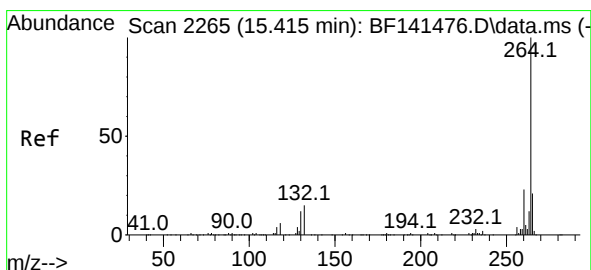
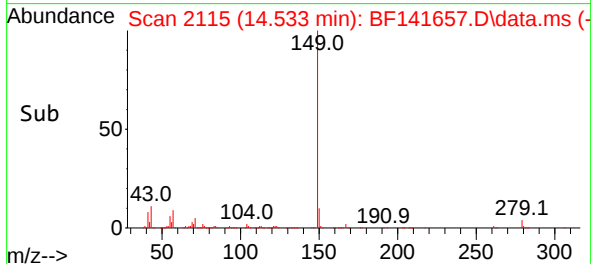
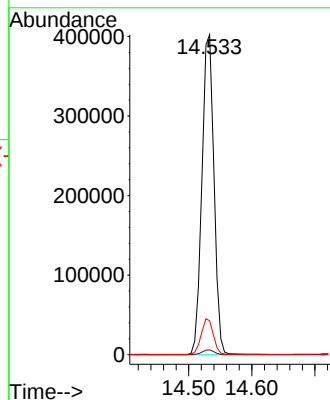
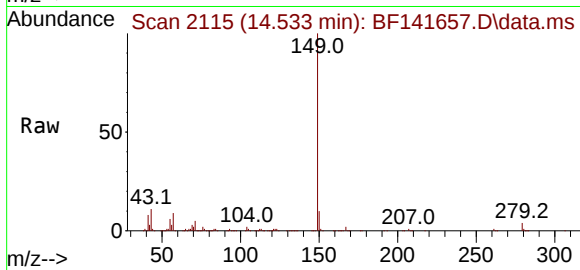
Tgt Ion:149 Resp: 534948

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.029 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

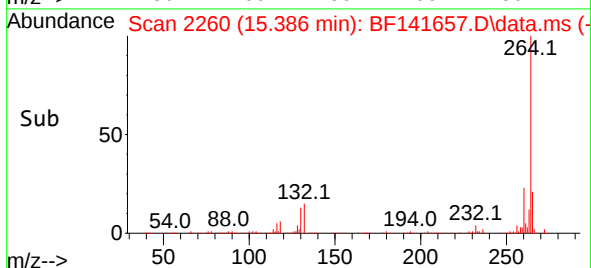
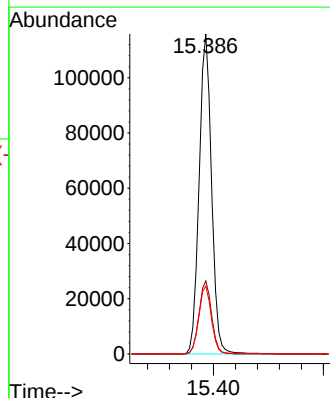
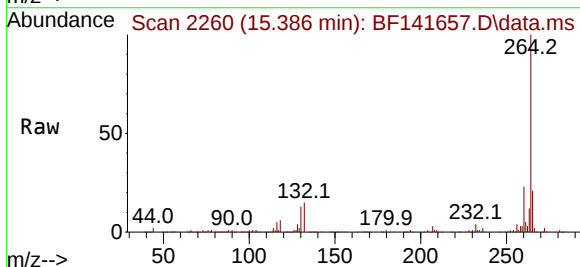
Tgt Ion:264 Resp: 181927

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.3 17.0 25.4

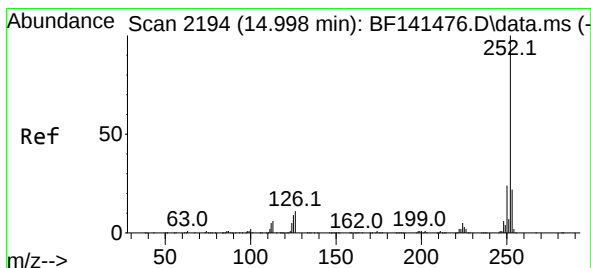
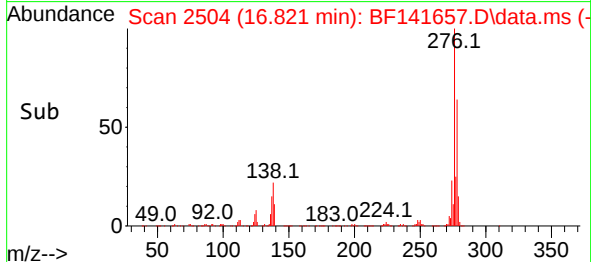
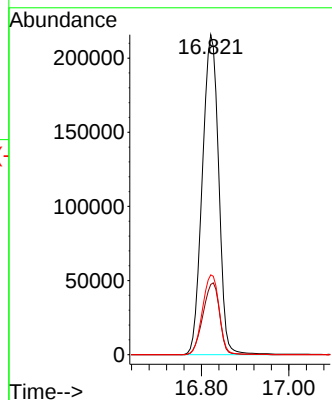
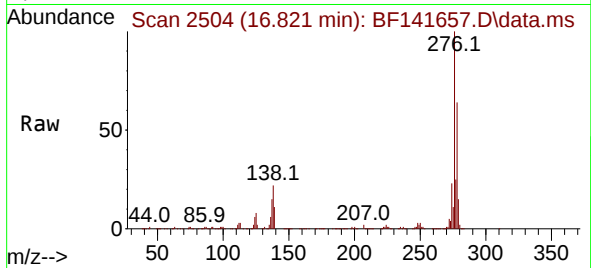




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.063 ng
RT: 16.821 min Scan# 2189
Delta R.T. -0.053 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

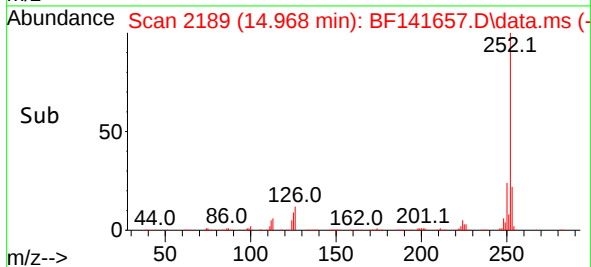
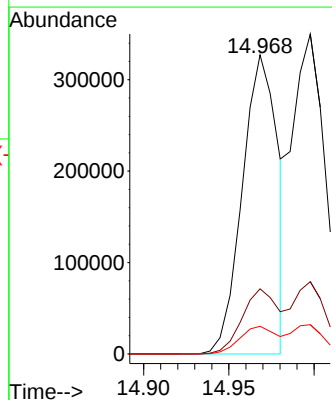
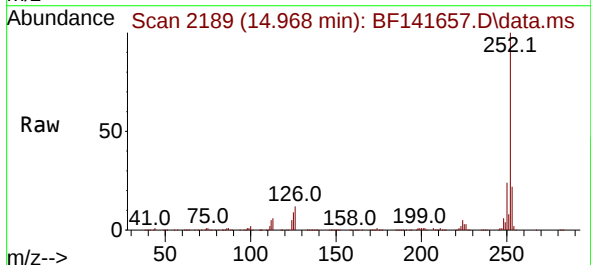
Instrument :
BNA_F
ClientSampleId :
PB166741BS

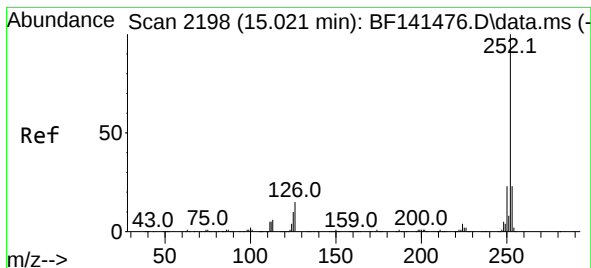
Tgt Ion:276 Resp: 562758
Ion Ratio Lower Upper
276 100
138 22.9 18.0 27.0
277 25.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 38.666 ng
RT: 14.968 min Scan# 2189
Delta R.T. -0.035 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:252 Resp: 472329
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.3 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.467 ng

RT: 14.998 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

Instrument :

BNA_F

ClientSampleId :

PB166741BS

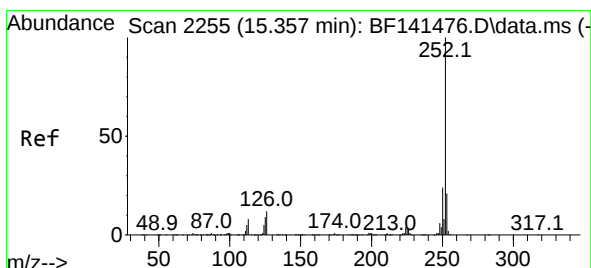
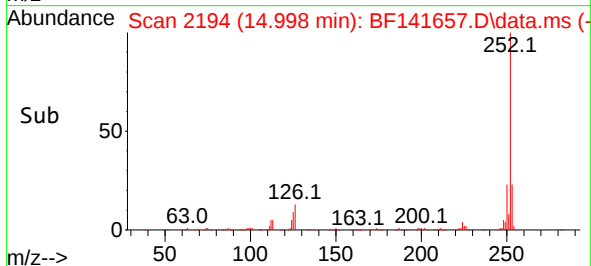
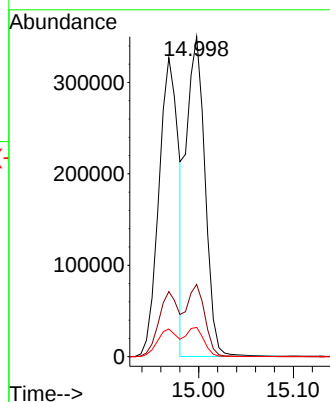
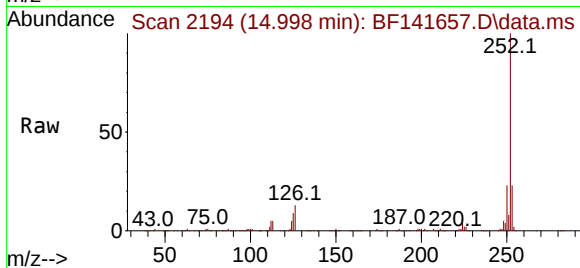
Tgt Ion:252 Resp: 474260

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 45.195 ng

RT: 15.327 min Scan# 2250

Delta R.T. -0.035 min

Lab File: BF141657.D

Acq: 18 Feb 2025 11:20

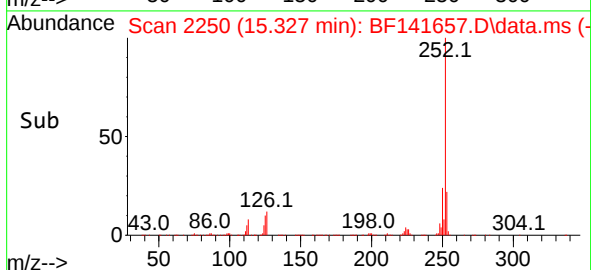
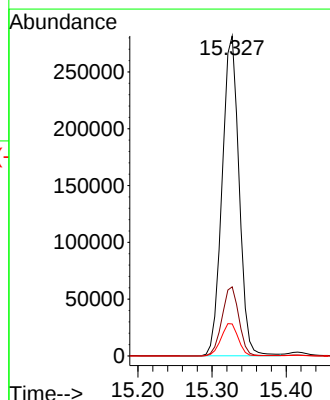
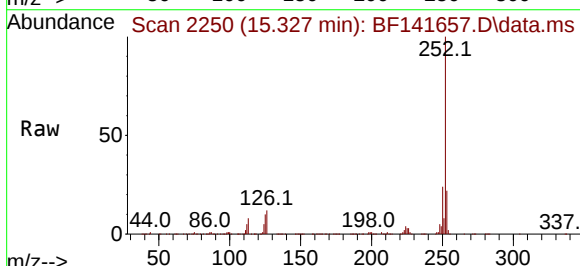
Tgt Ion:252 Resp: 446728

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 10.0 7.4 11.2

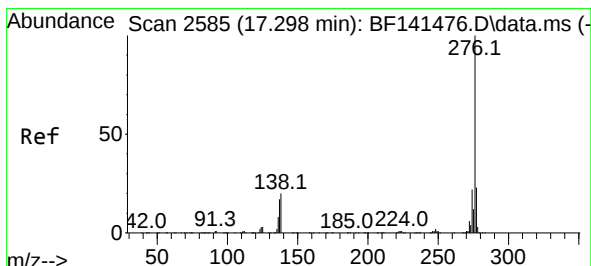
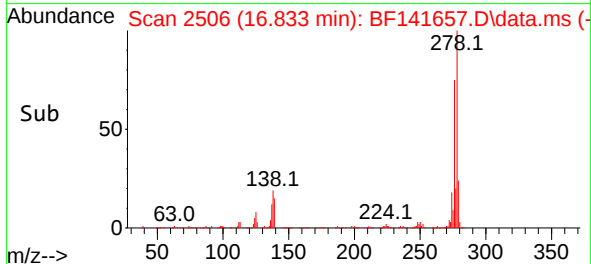
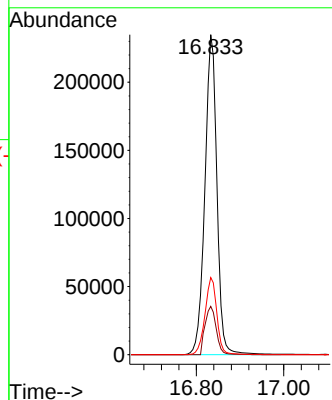
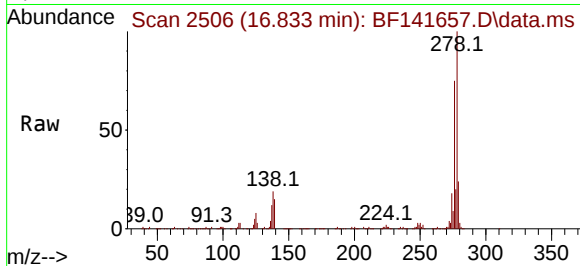




#91
Dibenzo(a,h)anthracene
Concen: 49.522 ng
RT: 16.833 min Scan# 2506
Delta R.T. -0.059 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Instrument :
BNA_F
ClientSampleId :
PB166741BS

Tgt Ion:278 Resp: 451071
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.6
279 24.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.740 ng
RT: 17.251 min Scan# 2577
Delta R.T. -0.065 min
Lab File: BF141657.D
Acq: 18 Feb 2025 11:20

Tgt Ion:276 Resp: 445508
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 20.1 15.9 23.9

