

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141736.D
 Acq On : 24 Feb 2025 10:51
 Operator : RC/JU
 Sample : PB166821BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166821BS

Quant Time: Feb 24 11:36:31 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	88378	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	351639	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	189657	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	317883	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	177373	20.000	ng	-0.02
86) Perylene-d12	15.380	264	170304	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	797295	141.433	ng	0.00
7) Phenol-d6	6.428	99	975957	136.975	ng	-0.01
23) Nitrobenzene-d5	7.345	82	637533	94.565	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	272092	142.816	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1222043	99.270	ng	-0.01
79) Terphenyl-d14	12.886	244	1228188	116.895	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	95823	42.234	ng	94
3) Pyridine	3.310	79	216295	40.062	ng	94
4) n-Nitrosodimethylamine	3.252	42	137139	38.361	ng	91
6) Aniline	6.446	93	236429	35.374	ng	# 80
8) 2-Chlorophenol	6.569	128	276517	45.395	ng	99
9) Benzaldehyde	6.334	77	111813	29.531	ng	95
10) Phenol	6.440	94	321873	43.404	ng	96
11) bis(2-Chloroethyl)ether	6.516	93	254694	45.725	ng	99
12) 1,3-Dichlorobenzene	6.722	146	283733	44.121	ng	97
13) 1,4-Dichlorobenzene	6.798	146	290953	44.283	ng	98
14) 1,2-Dichlorobenzene	6.951	146	279546	45.842	ng	98
15) Benzyl Alcohol	6.928	79	226881	41.524	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	390677	40.973	ng	75
17) 2-Methylphenol	7.045	107	213098	44.705	ng	98
18) Hexachloroethane	7.287	117	107799	44.333	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	185793	43.594	ng	94
20) 3+4-Methylphenols	7.198	107	271630	44.839	ng	96
22) Acetophenone	7.193	105	415750	47.529	ng	93
24) Nitrobenzene	7.369	77	279284	42.483	ng	97
25) Isophorone	7.604	82	501543	46.657	ng	98
26) 2-Nitrophenol	7.681	139	146299	44.730	ng	93
27) 2,4-Dimethylphenol	7.722	122	216779	56.735	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	309281	44.901	ng	100
29) 2,4-Dichlorophenol	7.928	162	228684	44.296	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	247120	43.957	ng	99
31) Naphthalene	8.087	128	779107	42.565	ng	100
32) Benzoic acid	7.869	122	167287m	42.150	ng	
33) 4-Chloroaniline	8.140	127	98498	15.413	ng	99
34) Hexachlorobutadiene	8.198	225	152020	45.043	ng	100
35) Caprolactam	8.510	113	75955m	48.322	ng	
36) 4-Chloro-3-methylphenol	8.634	107	240098	41.985	ng	97
37) 2-Methylnaphthalene	8.775	142	501872	42.135	ng	100
38) 1-Methylnaphthalene	8.875	142	486703	42.189	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	276726	50.433	ng	99
41) Hexachlorocyclopentadiene	8.928	237	261830	143.467	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	153510	43.287	ng	99

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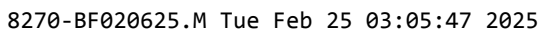
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	166600	43.347	ng	99
46) 1,1'-Biphenyl	9.239	154	724347	49.263	ng	100
47) 2-Chloronaphthalene	9.263	162	491130	45.170	ng	99
48) 2-Nitroaniline	9.363	65	155591	42.639	ng	98
49) Acenaphthylene	9.675	152	755581	46.721	ng	99
50) Dimethylphthalate	9.539	163	576555	44.780	ng	100
51) 2,6-Dinitrotoluene	9.604	165	127409	45.267	ng	98
52) Acenaphthene	9.851	154	470618	43.285	ng	99
53) 3-Nitroaniline	9.775	138	72738	24.011	ng	97
54) 2,4-Dinitrophenol	9.892	184	142970	85.467	ng	90
55) Dibenzofuran	10.022	168	677271	42.439	ng	99
56) 4-Nitrophenol	9.957	139	163259	72.598	ng	94
57) 2,4-Dinitrotoluene	10.016	165	165419	44.147	ng	96
58) Fluorene	10.363	166	542919	43.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	143840	43.470	ng	95
60) Diethylphthalate	10.239	149	549569	43.383	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	268517	45.233	ng	97
62) 4-Nitroaniline	10.392	138	122937	39.966	ng	97
63) Azobenzene	10.516	77	523669	41.583	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	91639	41.500	ng	95
66) n-Nitrosodiphenylamine	10.475	169	473503	46.533	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	164507	46.304	ng	99
68) Hexachlorobenzene	10.910	284	173880	47.529	ng	99
69) Atrazine	11.004	200	177302	58.080	ng	99
70) Pentachlorophenol	11.116	266	170587	72.924	ng	99
71) Phenanthrene	11.328	178	778692	44.502	ng	100
72) Anthracene	11.375	178	809814	46.039	ng	100
73) Carbazole	11.533	167	673754	42.570	ng	99
74) Di-n-butylphthalate	11.863	149	811133	44.385	ng	100
75) Fluoranthene	12.510	202	756379	40.772	ng	99
77) Benzidine	12.639	184	185971	47.540	ng	99
78) Pyrene	12.739	202	752211	49.818	ng	100
80) Butylbenzylphthalate	13.357	149	257579	49.251	ng	99
81) Benzo(a)anthracene	13.927	228	530233	44.971	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	101741	30.123	ng	99
83) Chrysene	13.963	228	502163	46.126	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	310125	52.576	ng	99
85) Di-n-octyl phthalate	14.521	149	470518	55.916	ng	97
87) Indeno(1,2,3-cd)pyrene	16.821	276	561382	53.349	ng	98
88) Benzo(b)fluoranthene	14.963	252	505746	44.228	ng	99
89) Benzo(k)fluoranthene	14.992	252	387388	39.673	ng	99
90) Benzo(a)pyrene	15.321	252	435973	47.117	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	458564	53.781	ng	99
92) Benzo(g,h,i)perylene	17.251	276	446056	49.991	ng	99

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

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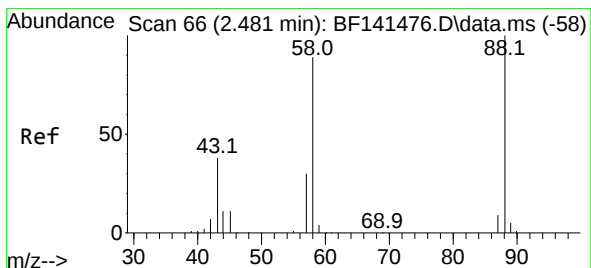
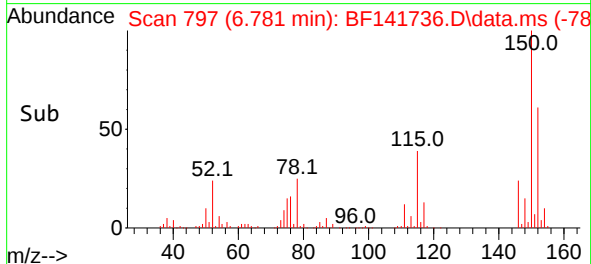
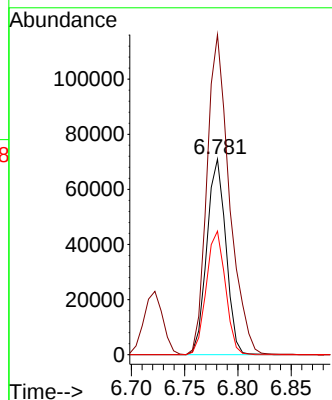
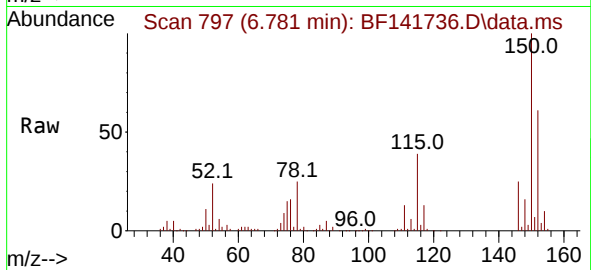




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141736.D
 Acq: 24 Feb 2025 10:51

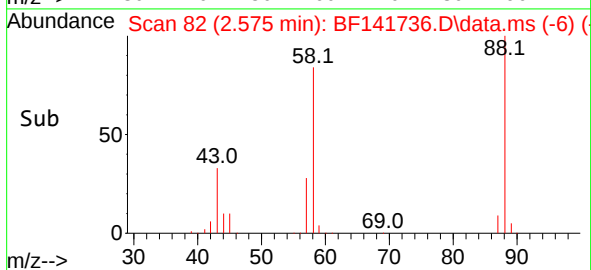
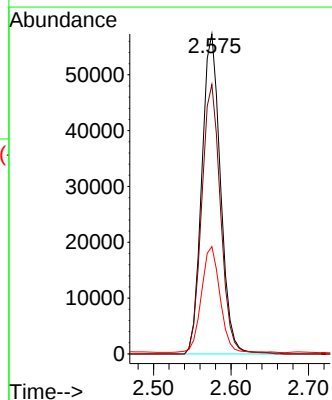
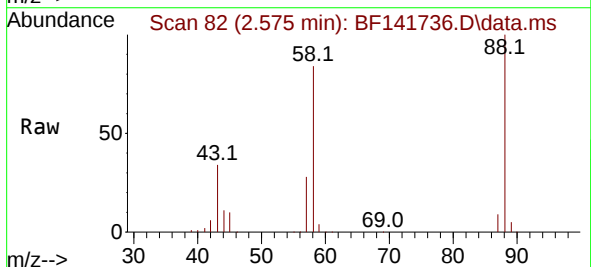
Instrument :
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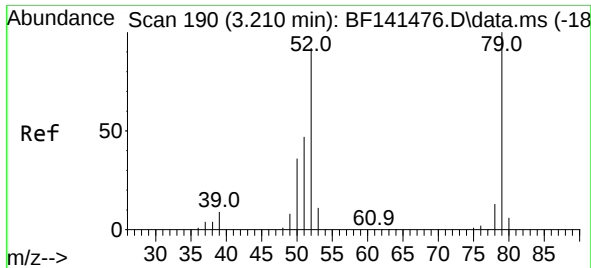
Tgt Ion:152 Resp: 88378
 Ion Ratio Lower Upper
 152 100
 150 163.7 125.0 187.4
 115 63.2 53.6 80.4



#2
 1,4-Dioxane
 Concen: 42.234 ng
 RT: 2.575 min Scan# 82
 Delta R.T. 0.094 min
 Lab File: BF141736.D
 Acq: 24 Feb 2025 10:51

Tgt Ion: 88 Resp: 95823
 Ion Ratio Lower Upper
 88 100
 58 85.2 71.1 106.7
 43 32.8 30.6 46.0





#3

Pyridine

Concen: 40.062 ng

RT: 3.310 min Scan# 20

Delta R.T. 0.094 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

Tgt Ion: 79 Resp: 216295

Ion Ratio Lower Upper

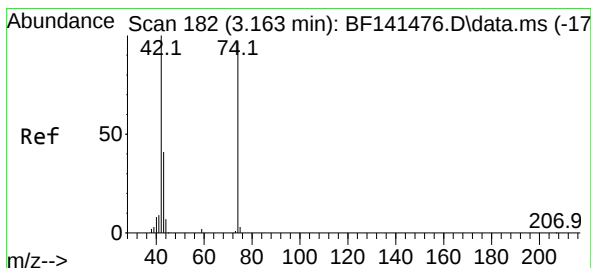
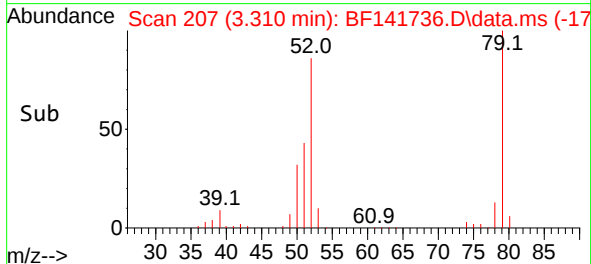
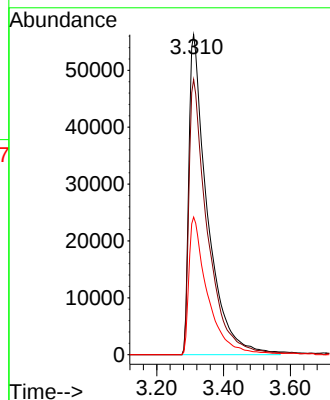
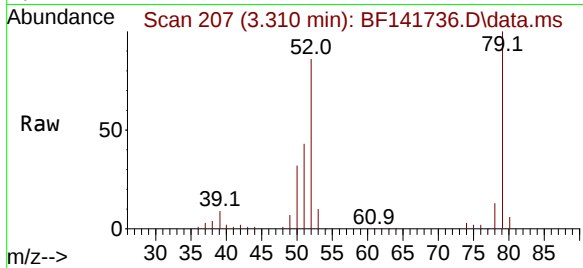
79 100

52 86.0

51 43.0

73.7 110.5

37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.361 ng

RT: 3.252 min Scan# 197

Delta R.T. 0.065 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Tgt Ion: 42 Resp: 137139

Ion Ratio Lower Upper

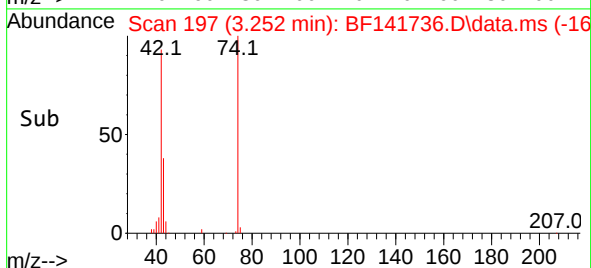
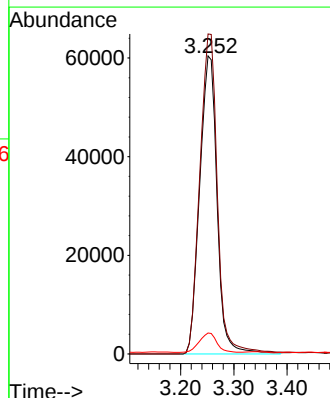
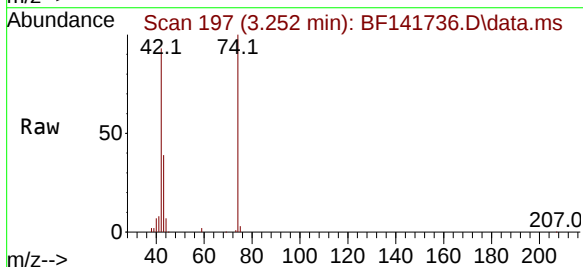
42 100

74 107.4

44 7.0

78.0 117.0

5.4 8.2

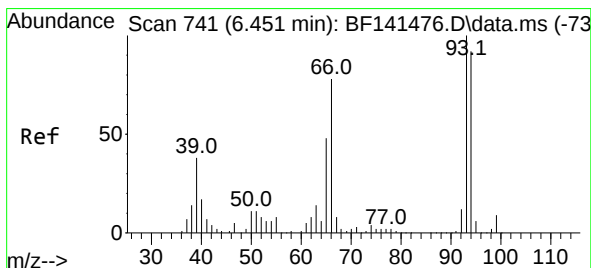
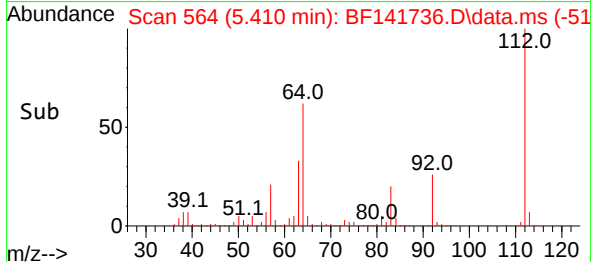
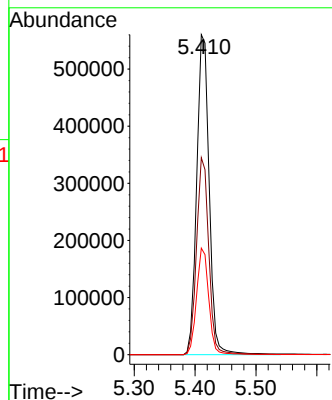
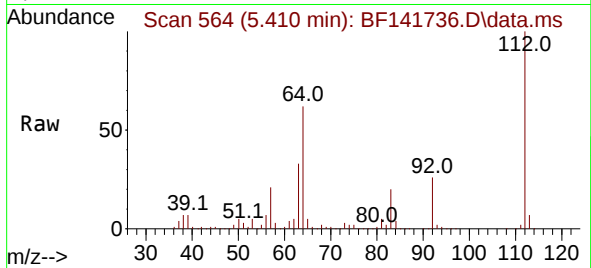




#5
2-Fluorophenol
Concen: 141.433 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

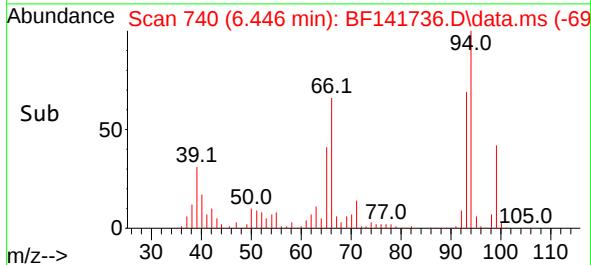
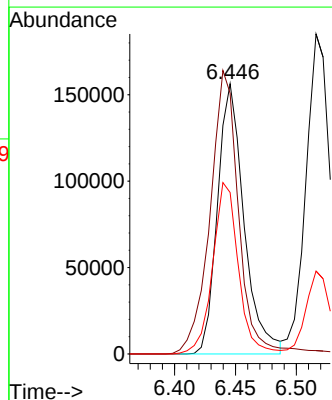
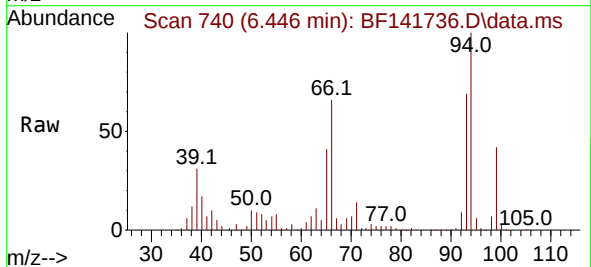
Instrument :
BNA_F
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Tgt Ion:112 Resp: 797295
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 33.3 28.4 42.6



#6
Aniline
Concen: 35.374 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 93 Resp: 236429
Ion Ratio Lower Upper
93 100
66 96.5 62.6 94.0#
65 59.7 38.3 57.5#

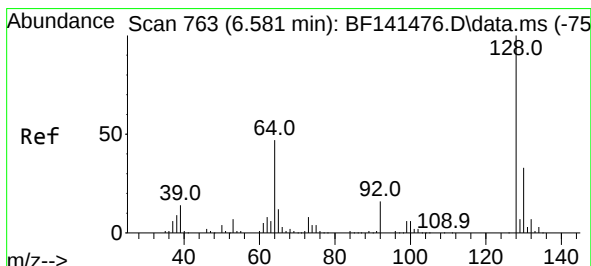
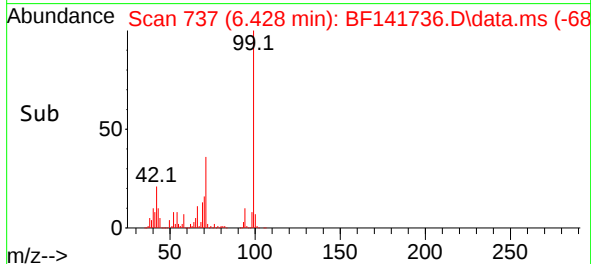
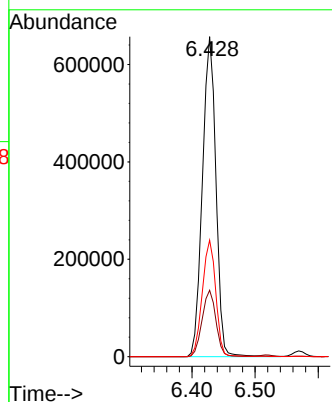
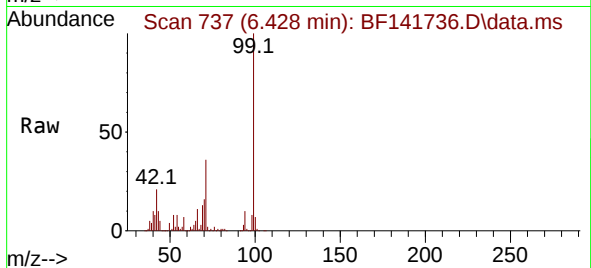




#7
Phenol-d6
Concen: 136.975 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

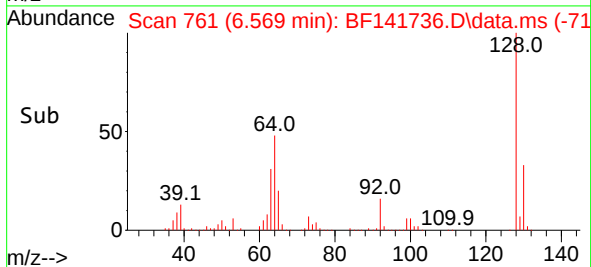
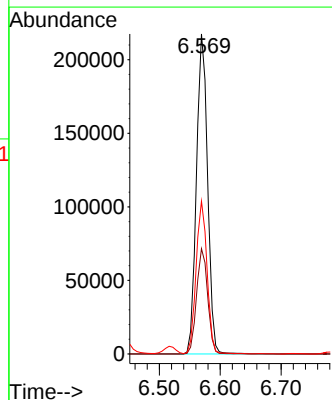
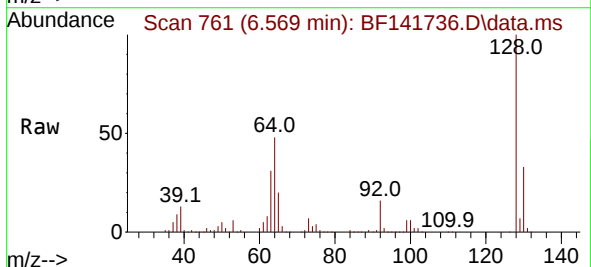
Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 99 Resp: 975957
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 36.4 31.1 46.7



#8
2-Chlorophenol
Concen: 45.395 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 128 Resp: 276517
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 47.8 28.3 68.3

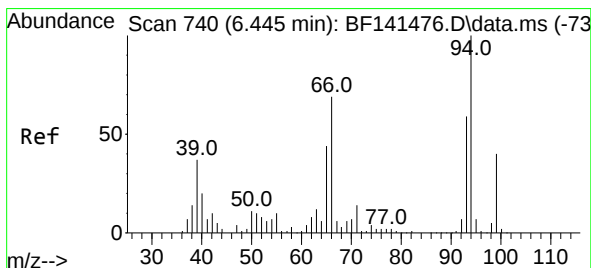
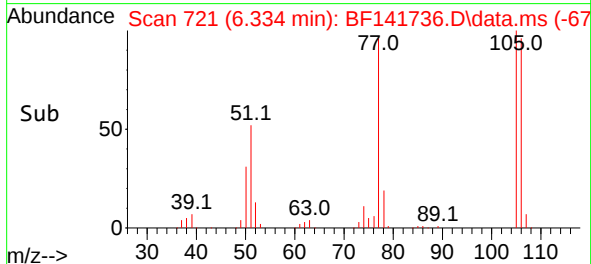
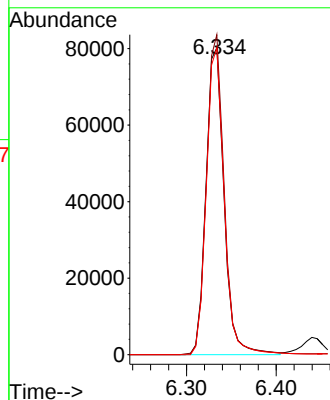
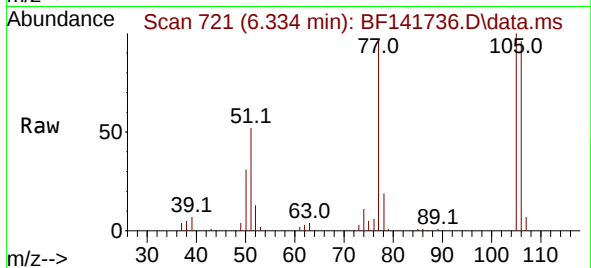




#9
Benzaldehyde
Concen: 29.531 ng
RT: 6.334 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

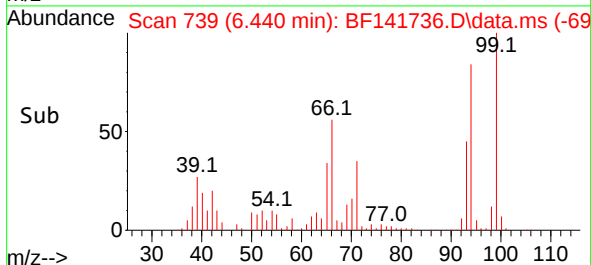
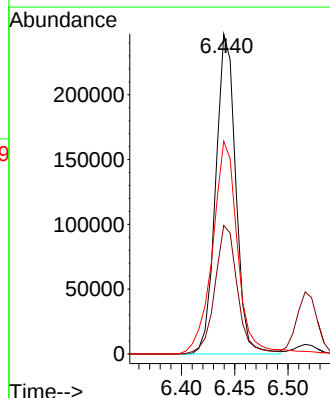
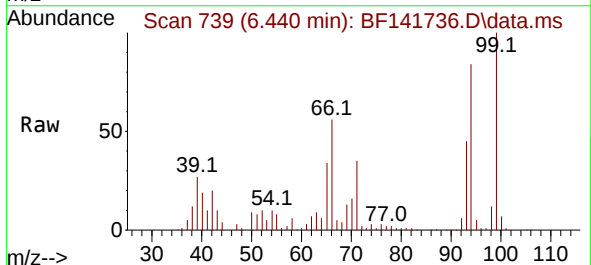
Instrument :
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ClientSampleId :
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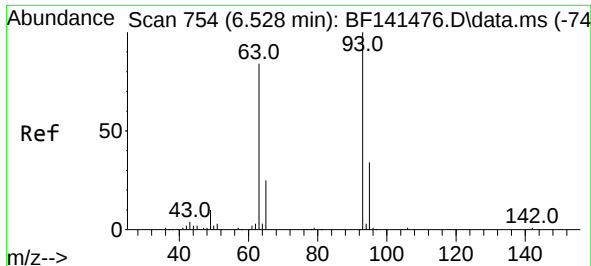
Tgt Ion: 77 Resp: 111813
Ion Ratio Lower Upper
77 100
105 104.2 79.4 119.4
106 99.9 75.1 115.1



#10
Phenol
Concen: 43.404 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 94 Resp: 321873
Ion Ratio Lower Upper
94 100
65 40.2 23.7 63.7
66 66.4 49.3 89.3

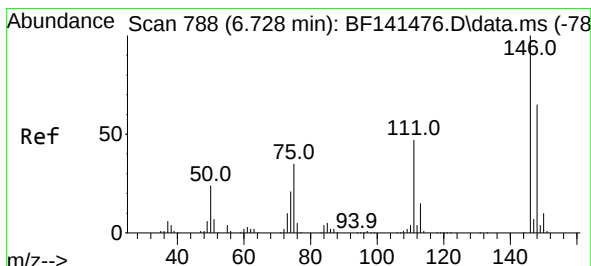
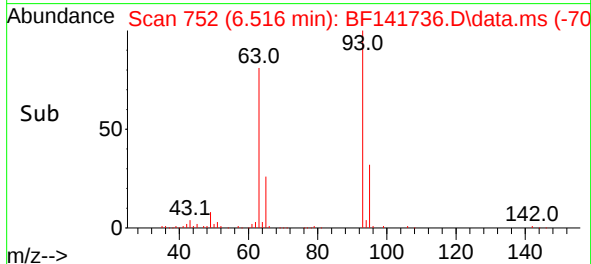
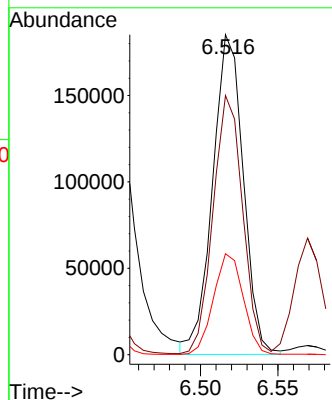
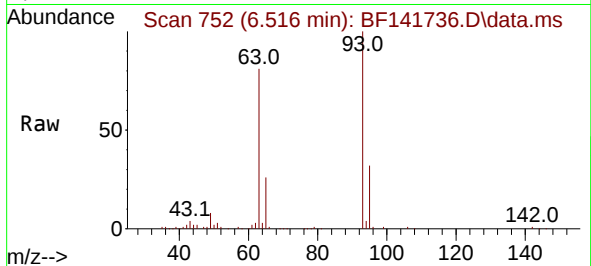




#11
bis(2-Chloroethyl)ether
Concen: 45.725 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

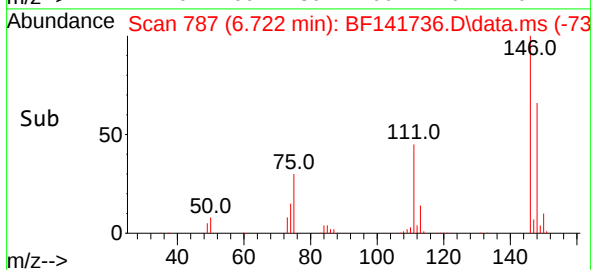
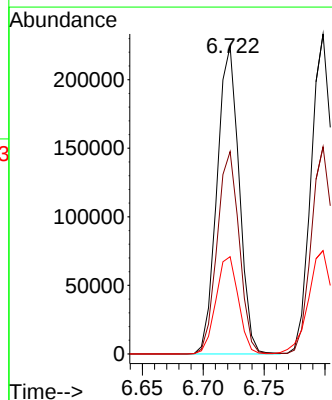
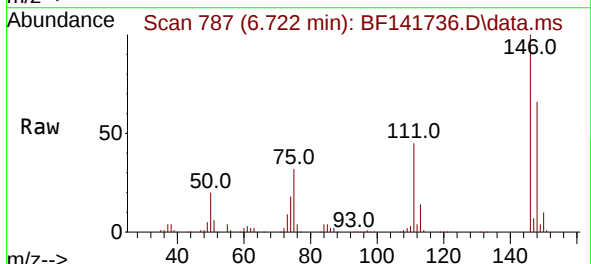
Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 93 Resp: 254694
Ion Ratio Lower Upper
93 100
63 81.0 62.0 102.0
95 31.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 44.121 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:146 Resp: 283733
Ion Ratio Lower Upper
146 100
148 65.8 51.9 77.9
75 31.6 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 44.283 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

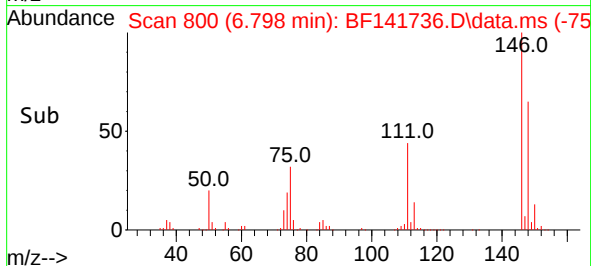
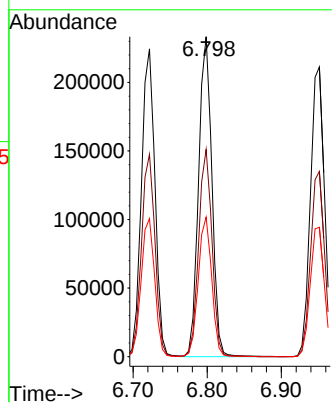
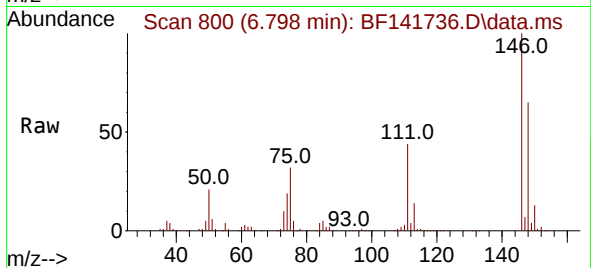
Tgt Ion:146 Resp: 290953

Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

111 43.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 45.842 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

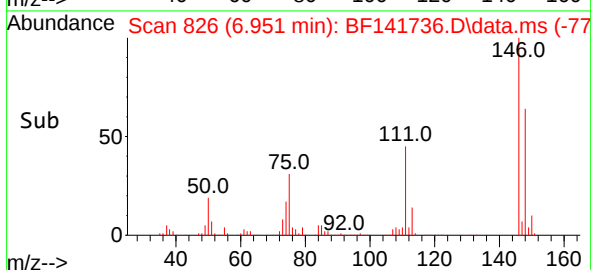
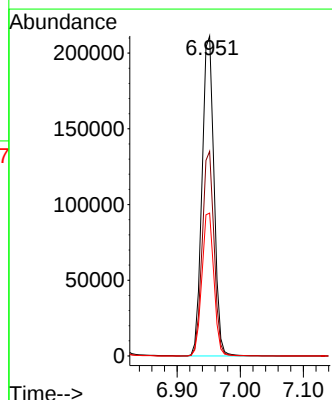
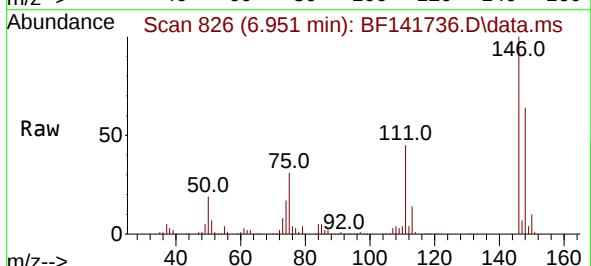
Tgt Ion:146 Resp: 279546

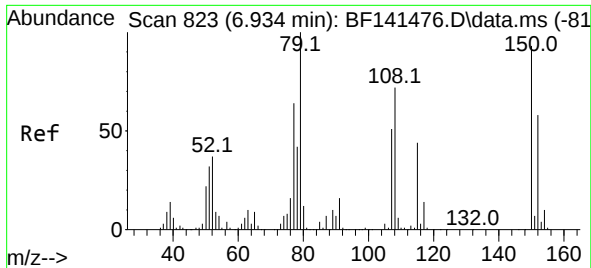
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

111 44.7 37.0 55.4

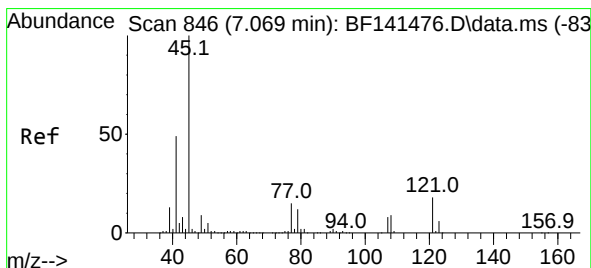
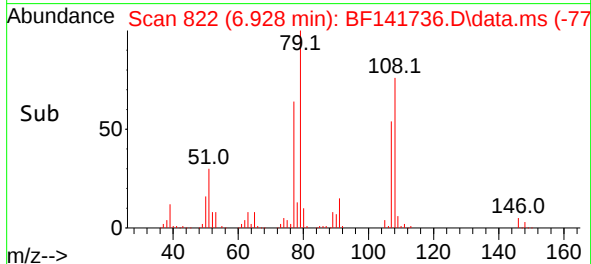
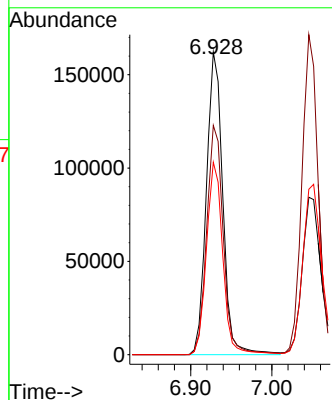
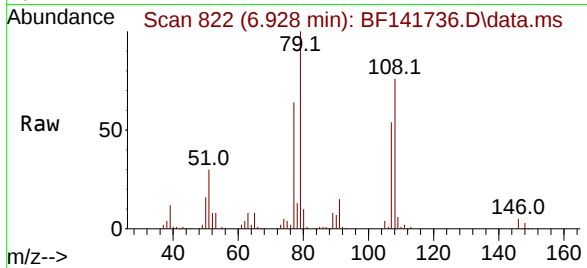




#15
Benzyl Alcohol
Concen: 41.524 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

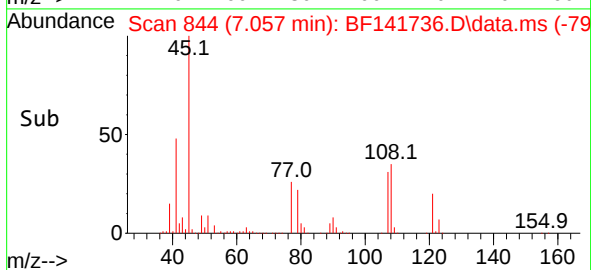
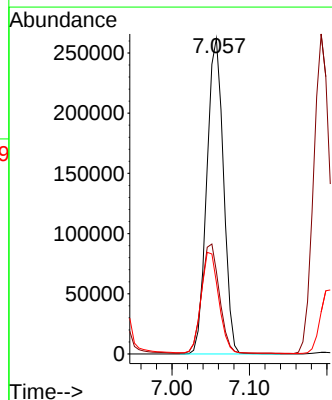
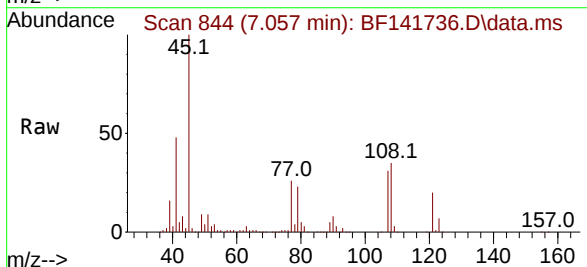
Instrument :
BNA_F
ClientSampleId :
PB166821BS

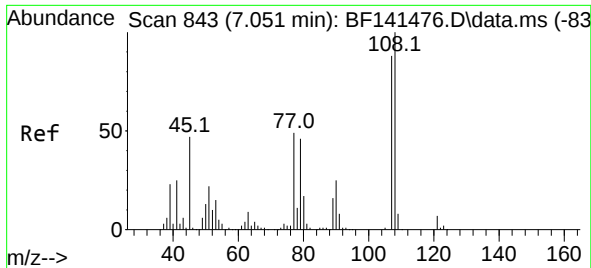
Tgt Ion: 79 Resp: 226881
Ion Ratio Lower Upper
79 100
108 75.7 57.4 86.2
77 63.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.973 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

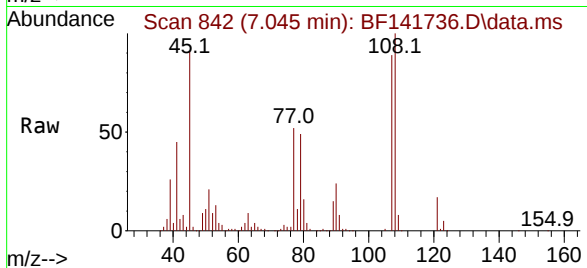
Tgt Ion: 45 Resp: 390677
Ion Ratio Lower Upper
45 100
77 26.2 0.0 35.8
79 22.8 0.0 32.7



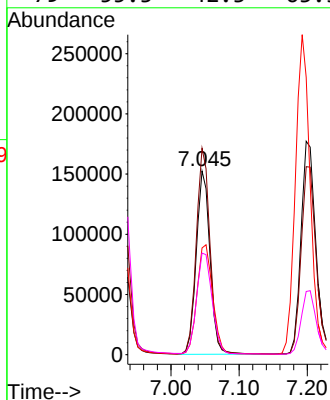
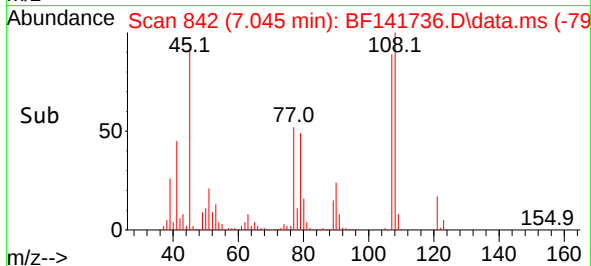


#17
2-Methylphenol
Concen: 44.705 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

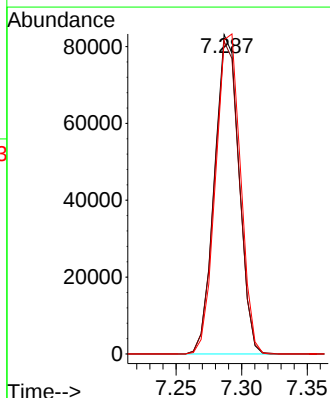
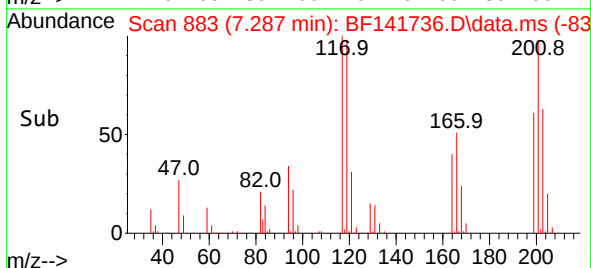
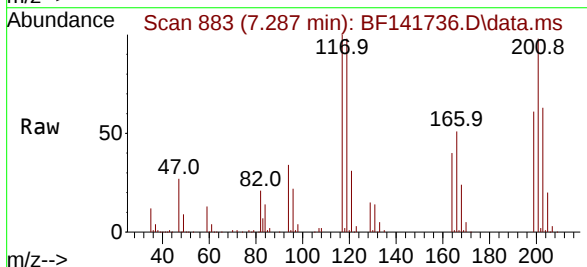


Tgt Ion:	107	Resp:	213098
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.6	136.0
77	58.1	44.4	66.6
79	55.3	42.3	63.5



#18
Hexachloroethane
Concen: 44.333 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:	117	Resp:	107799
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.5	114.7
201	98.4	76.7	115.1



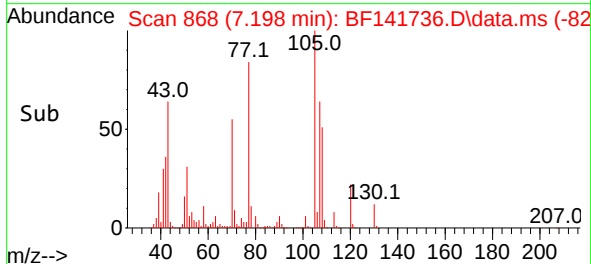
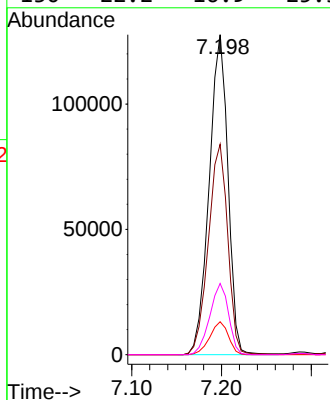
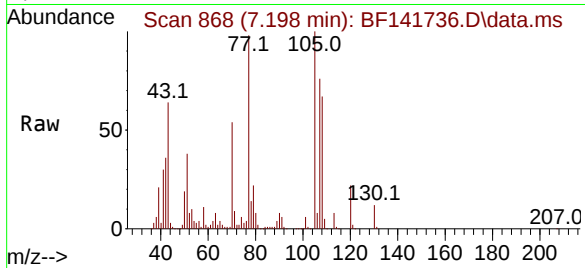


#19
n-Nitroso-di-n-propylamine
Concen: 43.594 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion: 70 Resp: 185793

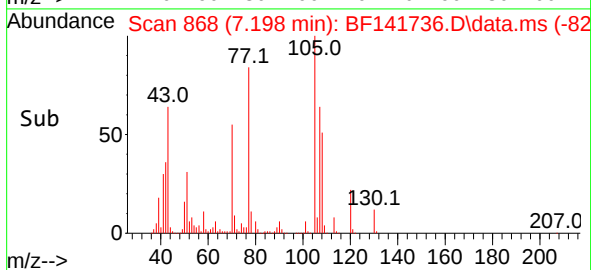
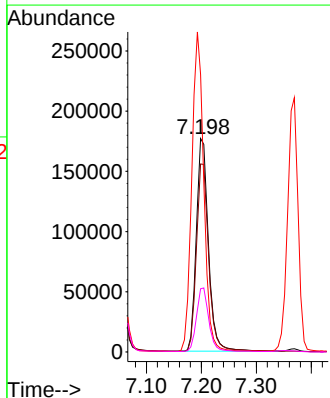
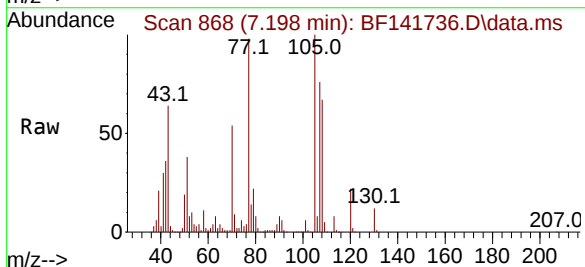
Ion	Ratio	Lower	Upper
70	100		
42	65.8	57.4	86.2
101	10.3	8.0	12.0
130	22.2	16.9	25.3

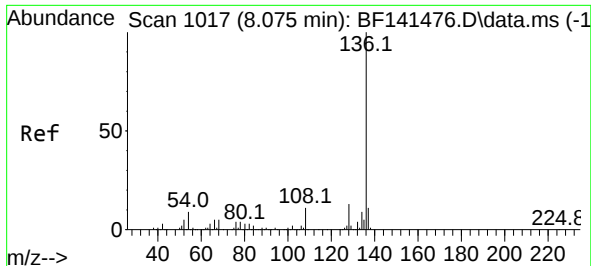


#20
3+4-Methylphenols
Concen: 44.839 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 107 Resp: 271630

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.5	108.5
77	129.9	116.5	156.5
79	29.6	12.0	52.0

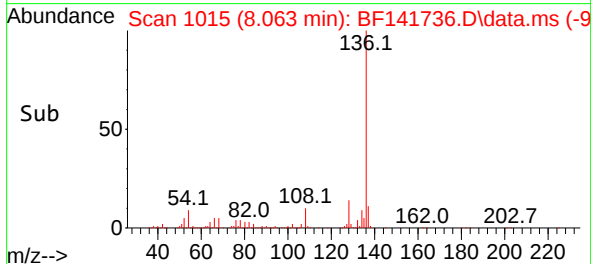
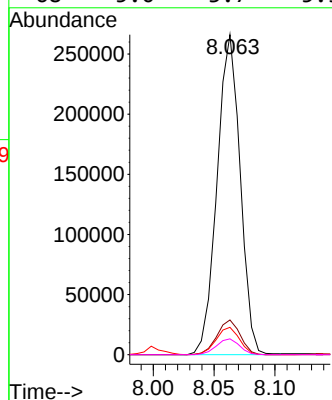
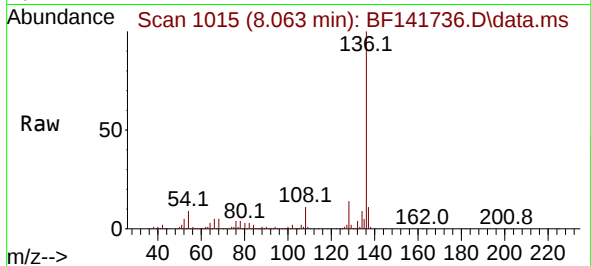




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

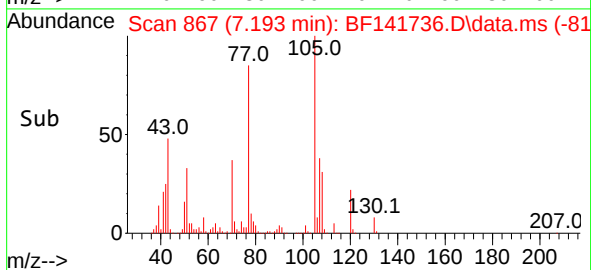
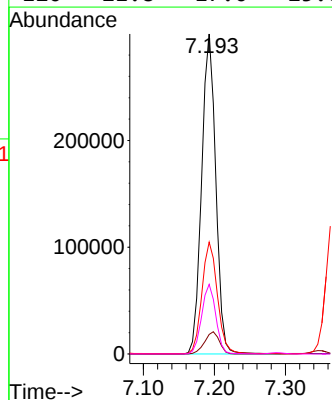
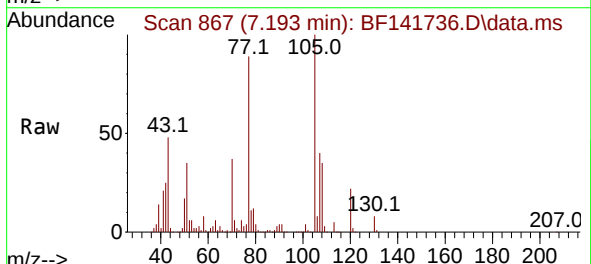
Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:	136	Resp:	351639
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	7.2	10.8
68	5.0	3.7	5.5



#22
Acetophenone
Concen: 47.529 ng
RT: 7.193 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:	105	Resp:	415750
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.7	8.5
51	35.0	33.7	50.5
120	21.8	17.0	25.6





#23

Nitrobenzene-d5

Concen: 94.565 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

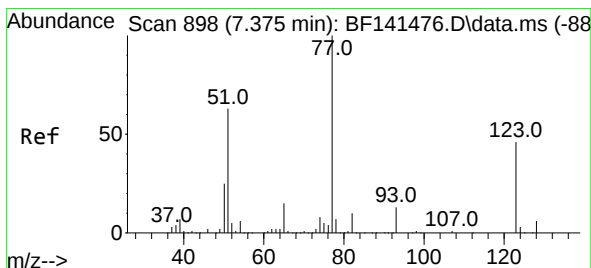
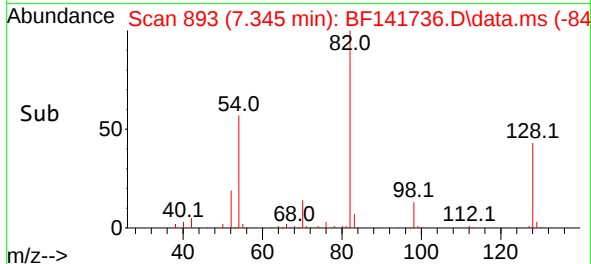
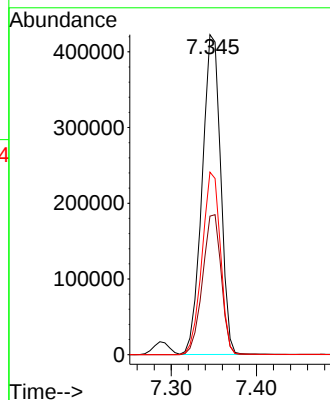
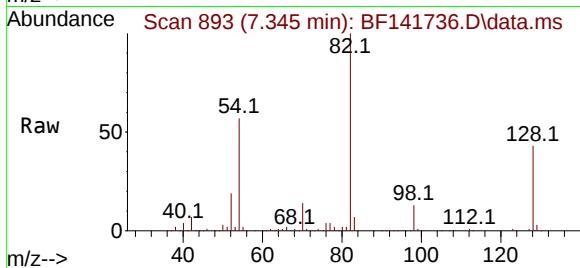
Tgt Ion: 82 Resp: 637533

Ion Ratio Lower Upper

82 100

128 43.3 34.8 52.2

54 57.1 48.2 72.4



#24

Nitrobenzene

Concen: 42.483 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

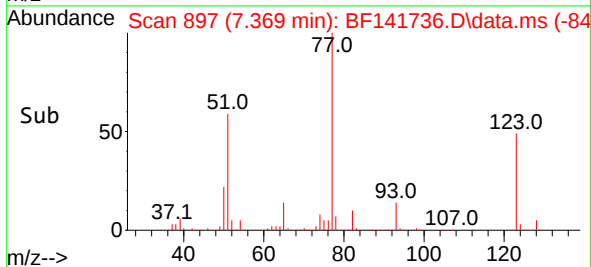
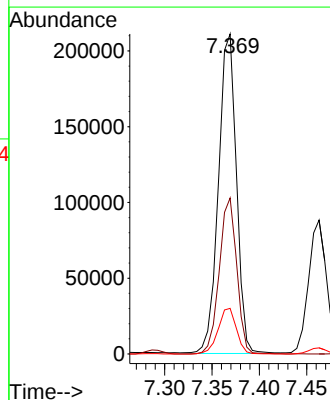
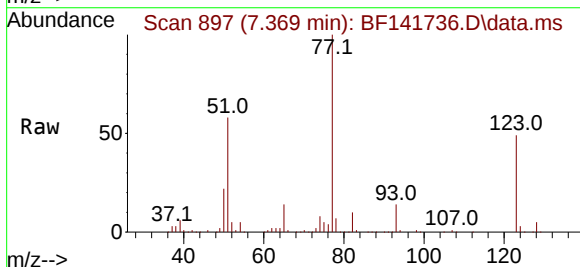
Tgt Ion: 77 Resp: 279284

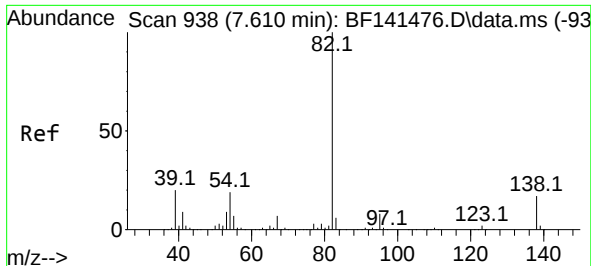
Ion Ratio Lower Upper

77 100

123 48.8 36.9 55.3

65 14.2 11.9 17.9

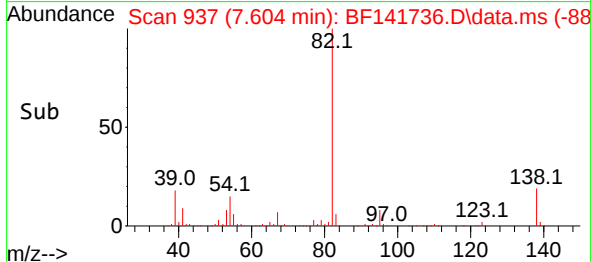
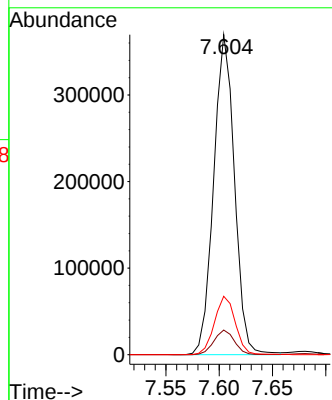
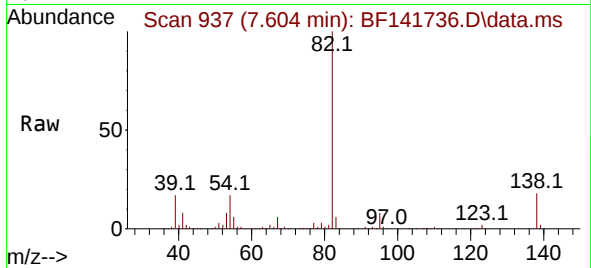




#25
Isophorone
Concen: 46.657 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

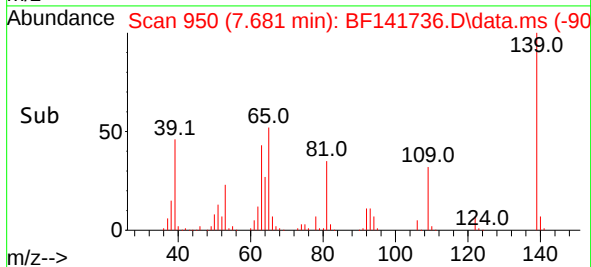
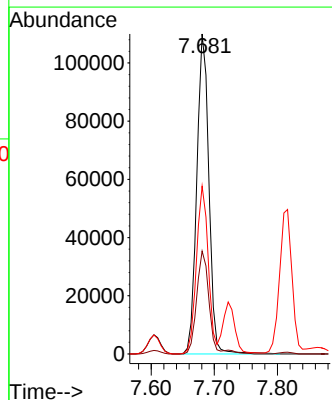
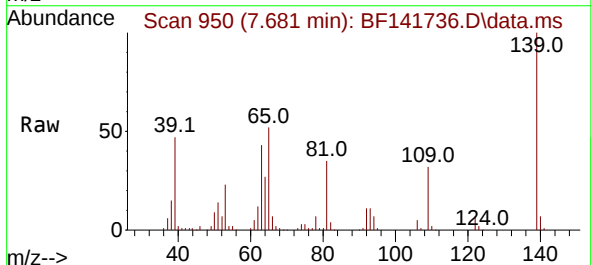
Instrument :
BNA_F
ClientSampleId :
PB166821BS

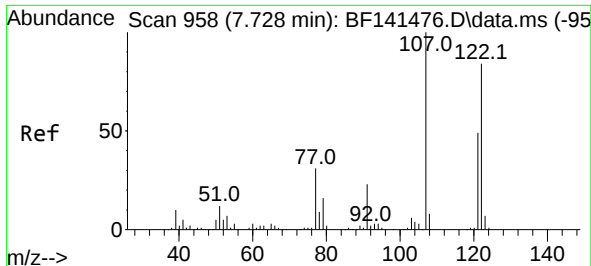
Tgt Ion: 82 Resp: 501543
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 44.730 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:139 Resp: 146299
Ion Ratio Lower Upper
139 100
109 32.2 27.0 40.6
65 52.4 47.1 70.7

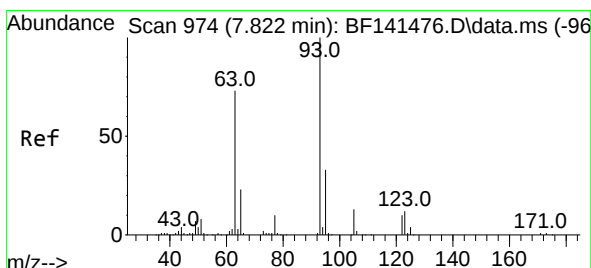
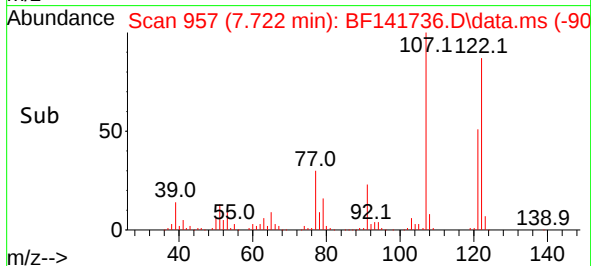
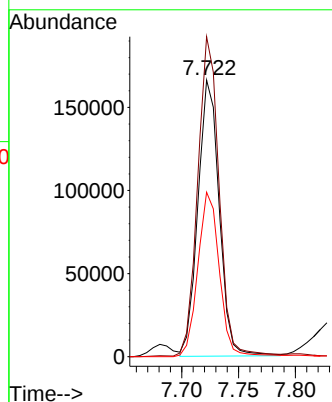
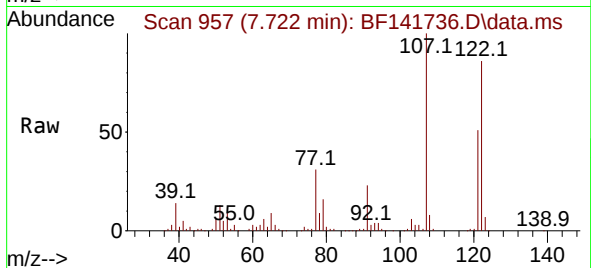




#27
2,4-Dimethylphenol
Concen: 56.735 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

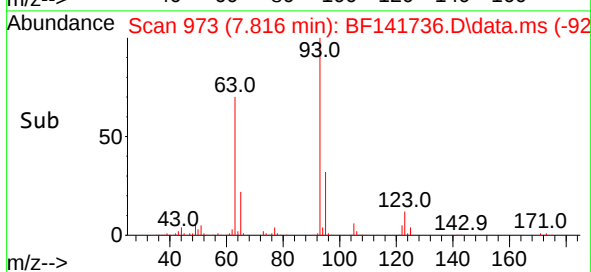
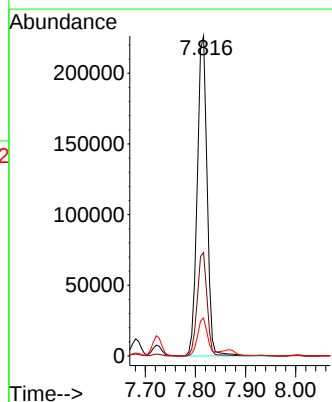
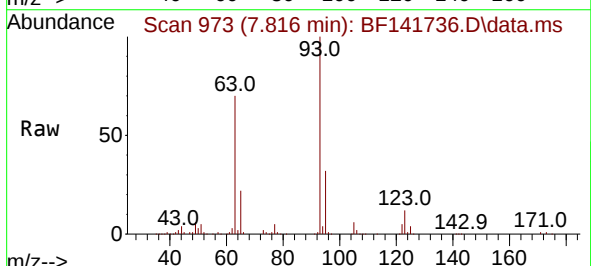
Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:122 Resp: 216779
Ion Ratio Lower Upper
122 100
107 115.7 94.3 141.5
121 59.5 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.901 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 93 Resp: 309281
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.9 9.5 14.3

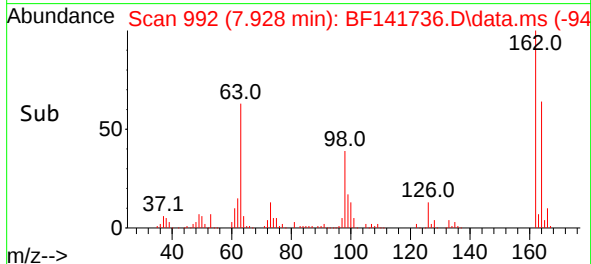
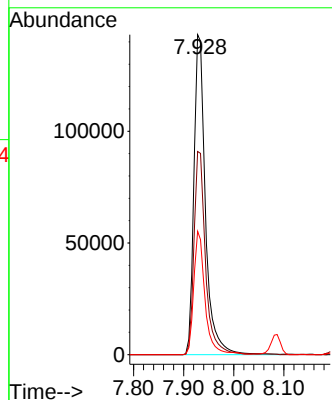
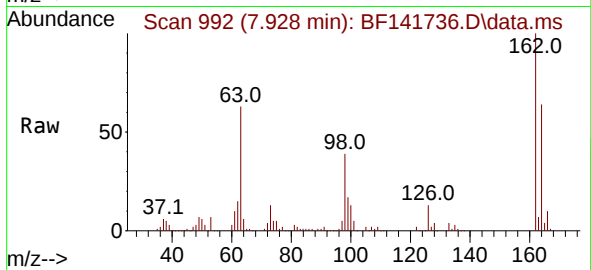




#29
2,4-Dichlorophenol
Concen: 44.296 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

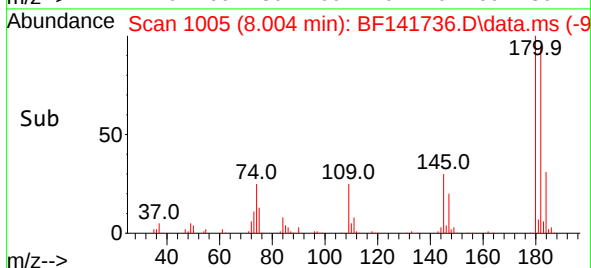
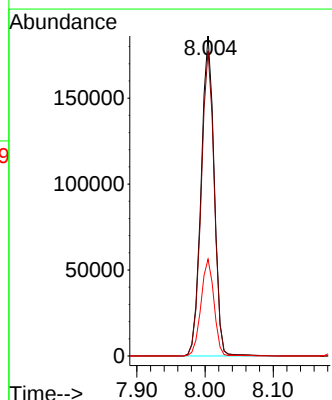
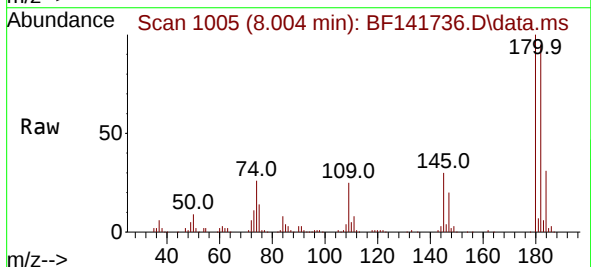
Instrument :
BNA_F
ClientSampleId :
PB166821BS

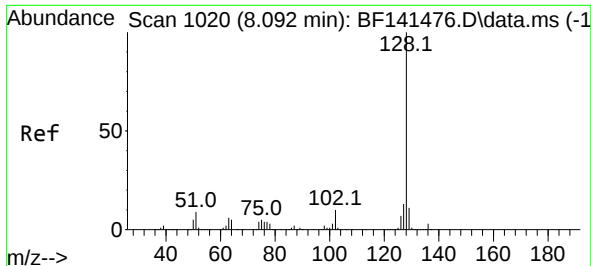
Tgt Ion:162 Resp: 228684
Ion Ratio Lower Upper
162 100
164 63.5 44.6 84.6
98 38.6 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 43.957 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:180 Resp: 247120
Ion Ratio Lower Upper
180 100
182 95.3 76.8 115.2
145 30.3 24.2 36.4

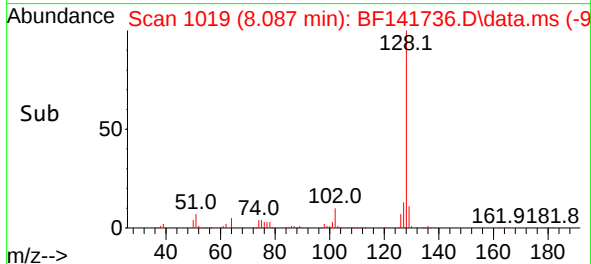
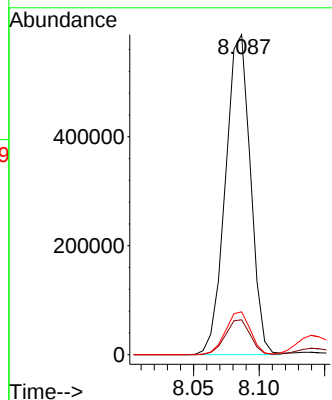
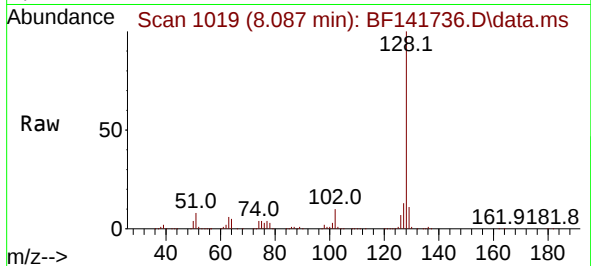




#31
Naphthalene
Concen: 42.565 ng
RT: 8.087 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

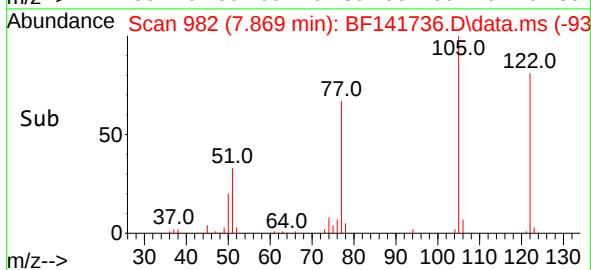
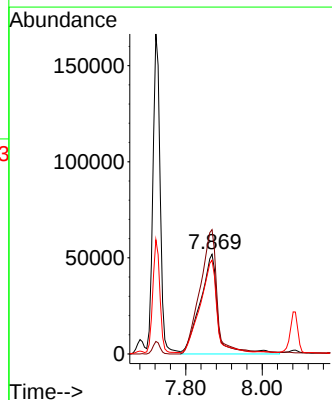
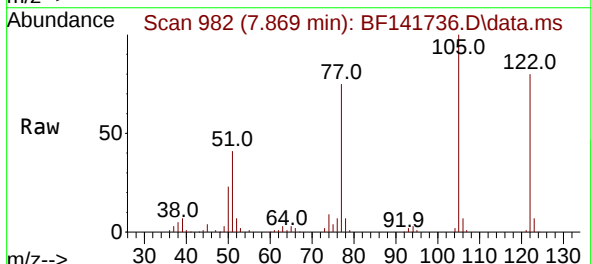
Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:128 Resp: 779107
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 42.150 ng m
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:122 Resp: 167287
Ion Ratio Lower Upper
122 100
105 124.7 106.5 146.5
77 94.1 76.3 116.3

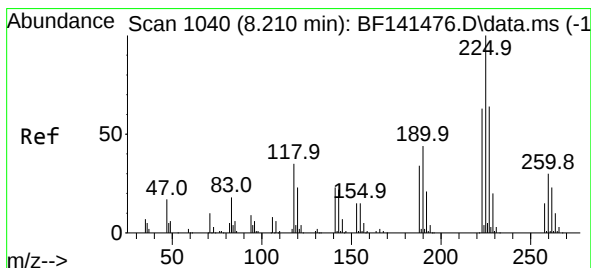
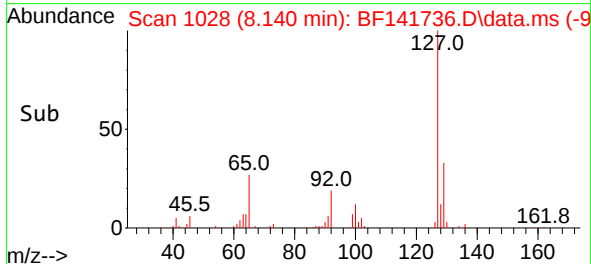
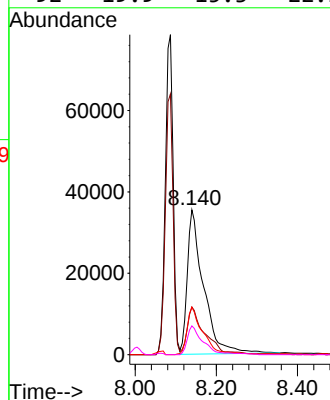
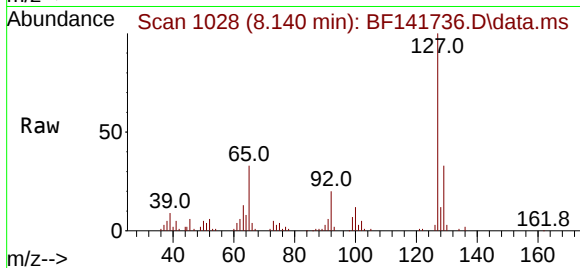




#33
4-Chloroaniline
Concen: 15.413 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

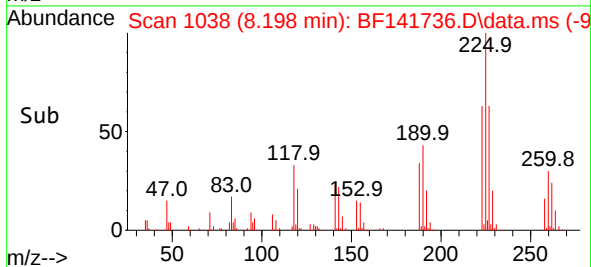
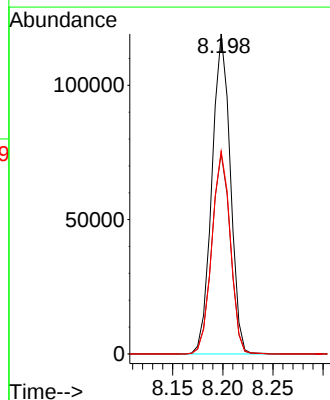
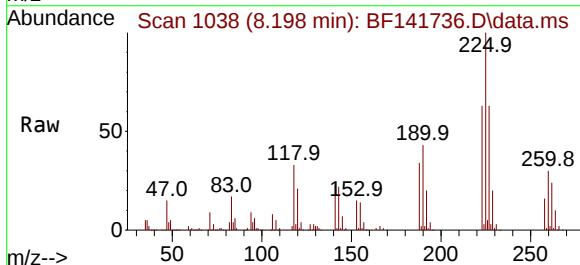
Instrument :
BNA_F
ClientSampleId :
PB166821BS

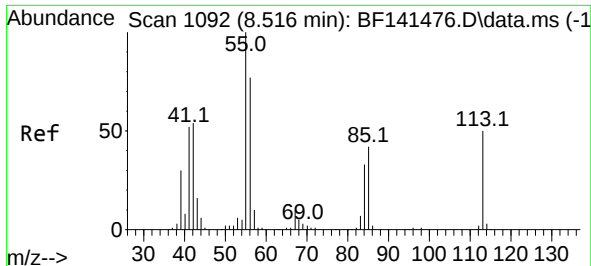
Tgt Ion:	127	Resp:	98498
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.5	39.7
65	32.8	26.4	39.6
92	19.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.043 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:	225	Resp:	152020
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.1	75.1
227	63.4	51.0	76.6

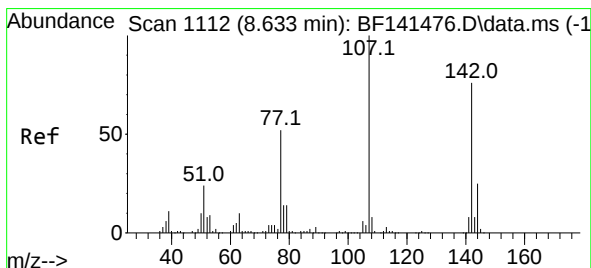
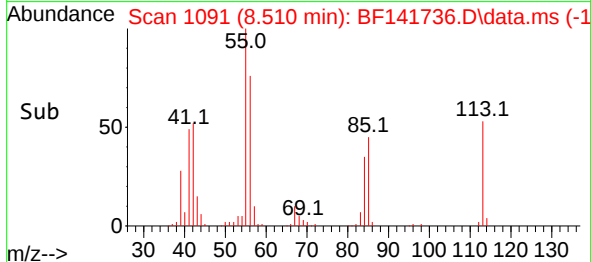
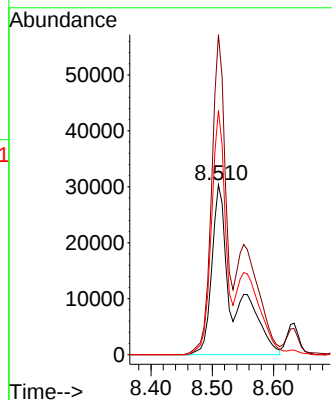
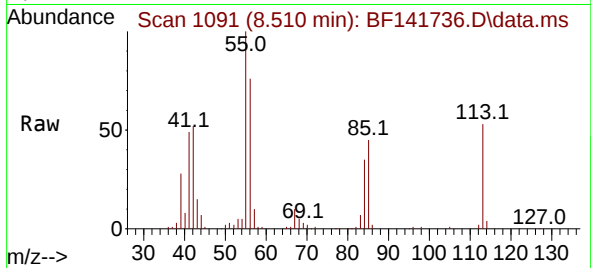




#35
 Caprolactam
 Concen: 48.322 ng m
 RT: 8.510 min Scan# 1091
 Delta R.T. -0.035 min
 Lab File: BF141736.D
 Acq: 24 Feb 2025 10:51

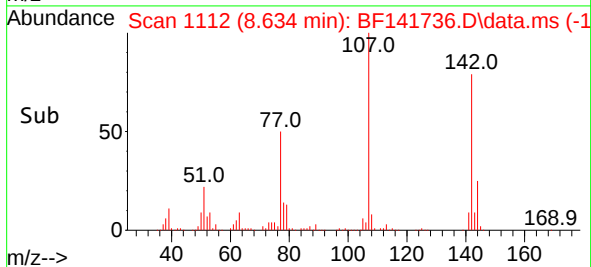
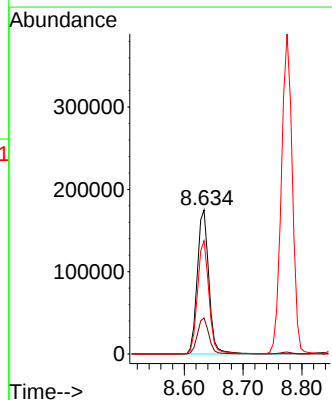
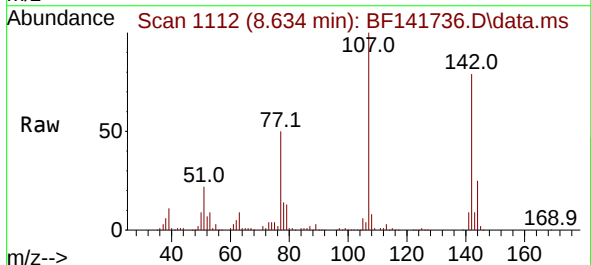
Instrument :
 BNA_F
 ClientSampleId :
 PB166821BS

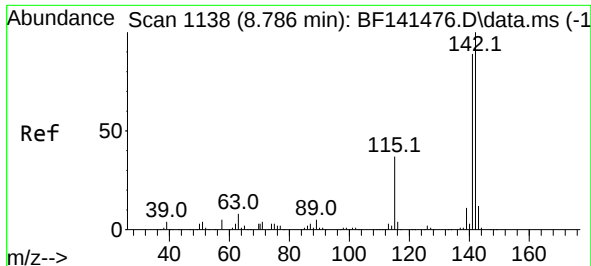
Tgt Ion:113 Resp: 75955
 Ion Ratio Lower Upper
 113 100
 55 188.4 180.8 220.8
 56 143.9 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.985 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141736.D
 Acq: 24 Feb 2025 10:51

Tgt Ion:107 Resp: 240098
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.7 29.5
 142 78.7 60.8 91.2





#37

2-Methylnaphthalene

Concen: 42.135 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

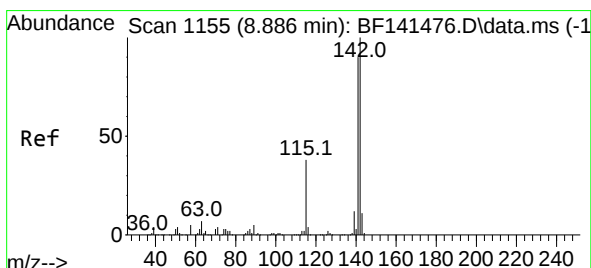
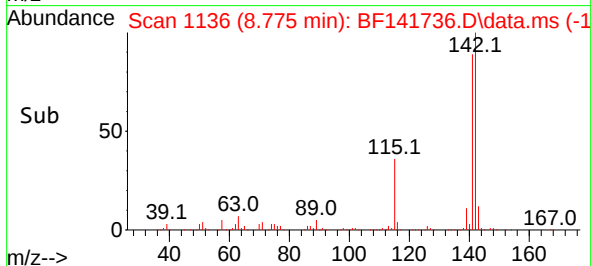
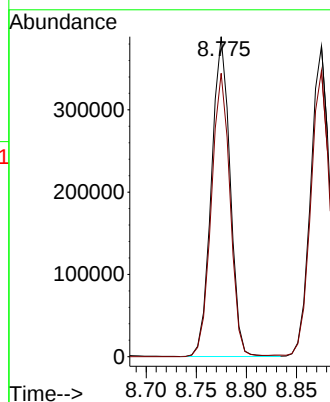
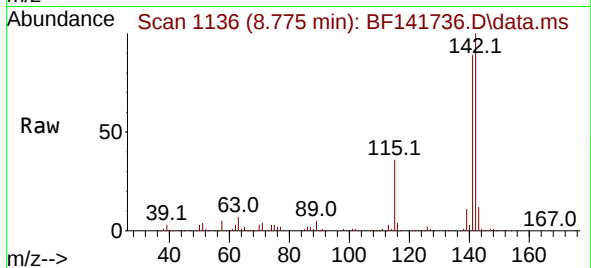
PB166821BS

Tgt Ion:142 Resp: 501872

Ion Ratio Lower Upper

142 100

141 88.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.189 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141736.D

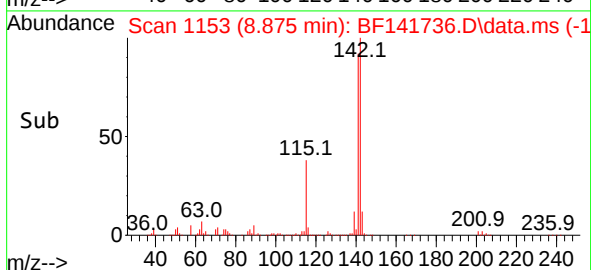
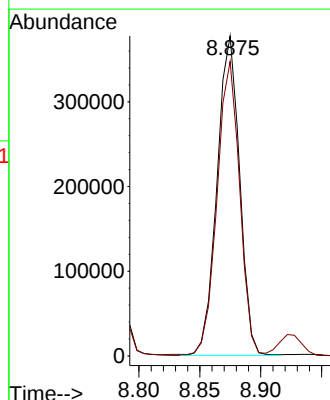
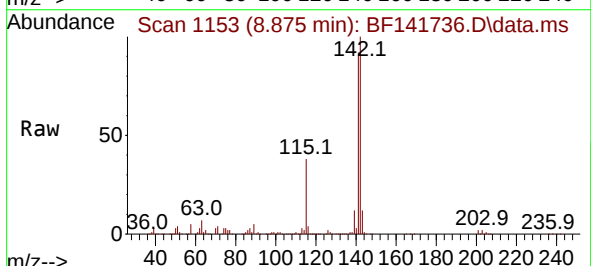
Acq: 24 Feb 2025 10:51

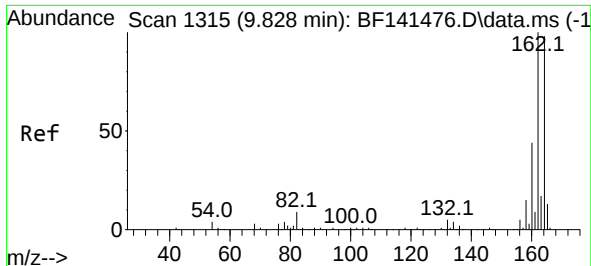
Tgt Ion:142 Resp: 486703

Ion Ratio Lower Upper

142 100

141 92.0 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: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

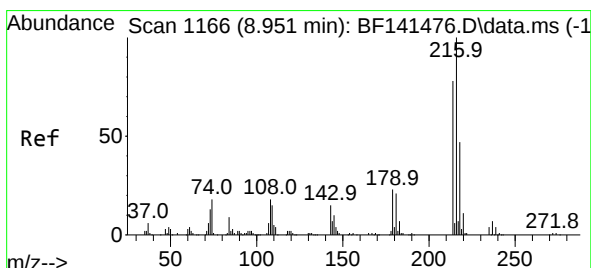
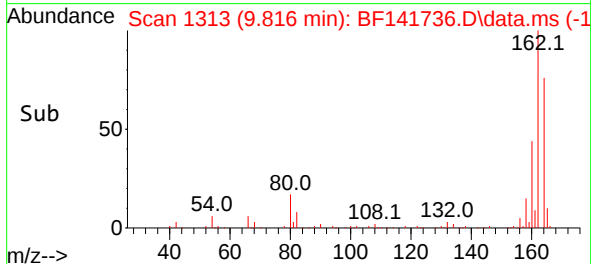
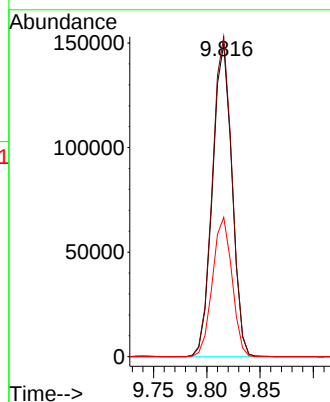
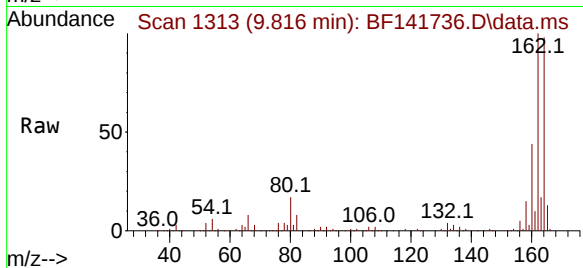
Tgt Ion:164 Resp: 189657

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 44.6 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.433 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Tgt Ion:216 Resp: 276726

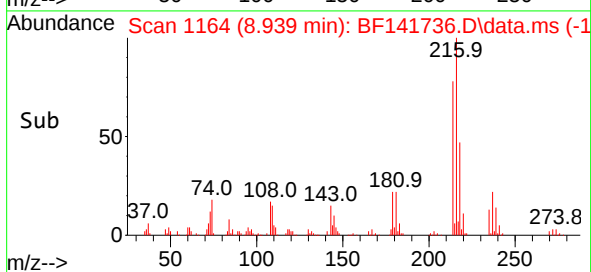
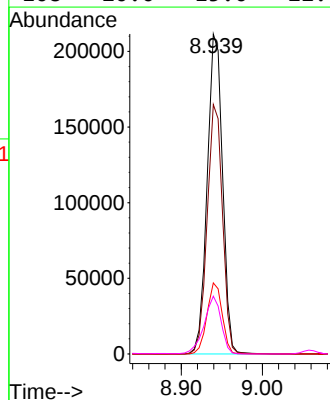
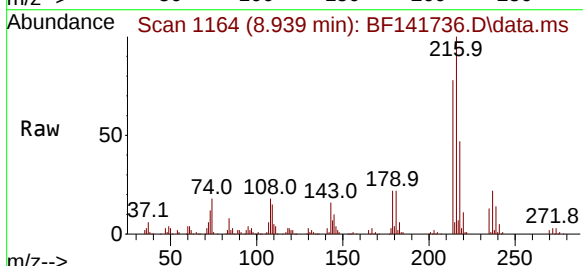
Ion Ratio Lower Upper

216 100

214 77.9 62.3 93.5

179 22.0 18.0 27.0

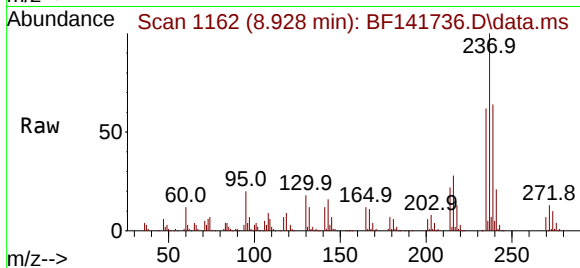
108 20.0 15.0 22.6



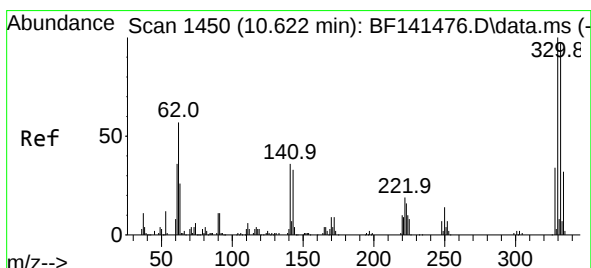
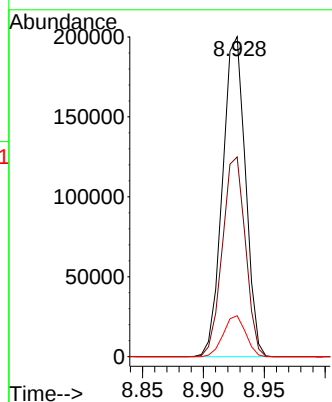
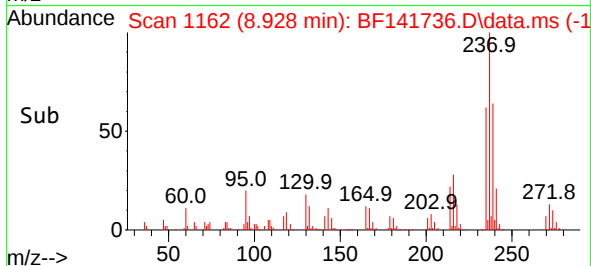


#41
Hexachlorocyclopentadiene
Concen: 143.467 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

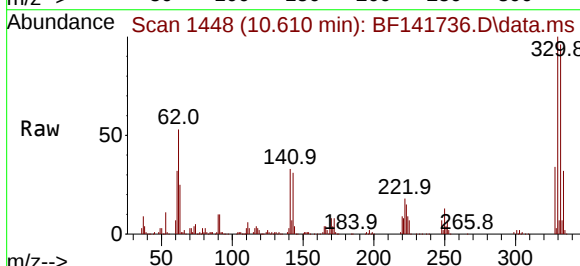
Instrument :
BNA_F
ClientSampleId :
PB166821BS



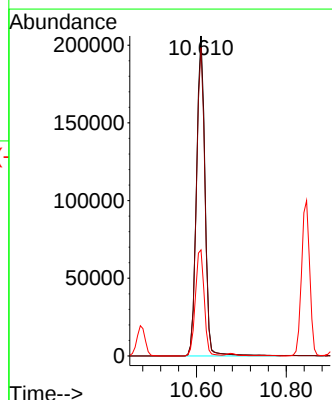
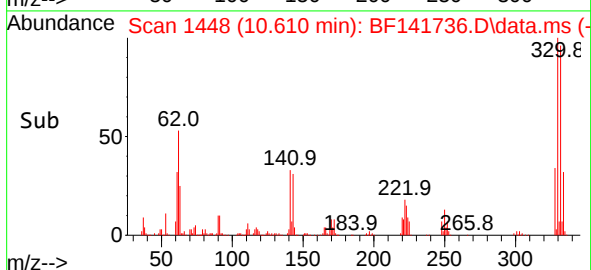
Tgt Ion:237 Resp: 261830
Ion Ratio Lower Upper
237 100
235 62.4 41.4 81.4
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 142.816 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51



Tgt Ion:330 Resp: 272092
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 34.4 31.0 46.4

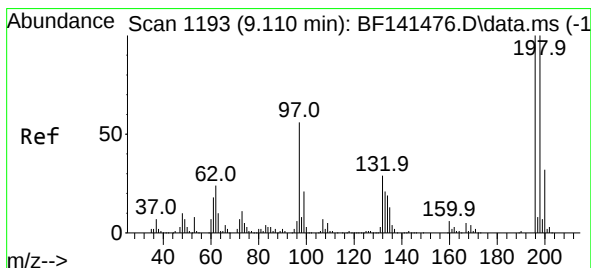
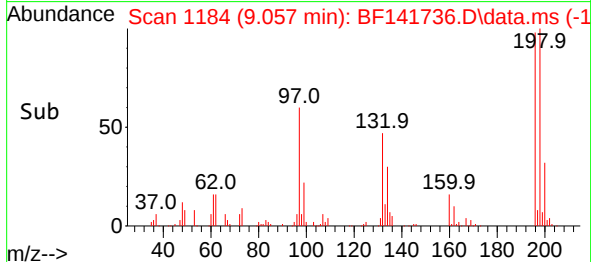
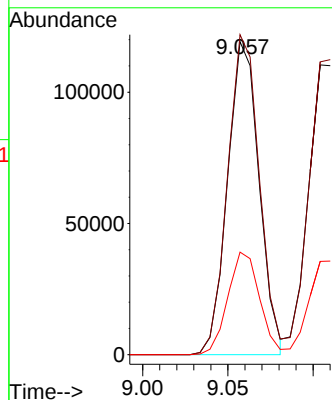
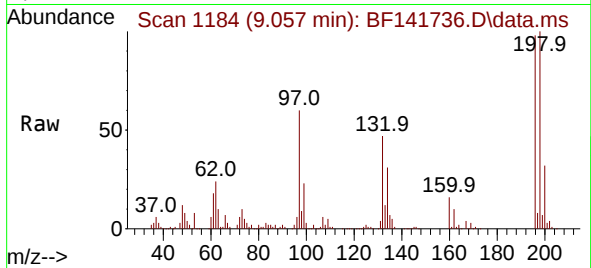




#43
2,4,6-Trichlorophenol
Concen: 43.287 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

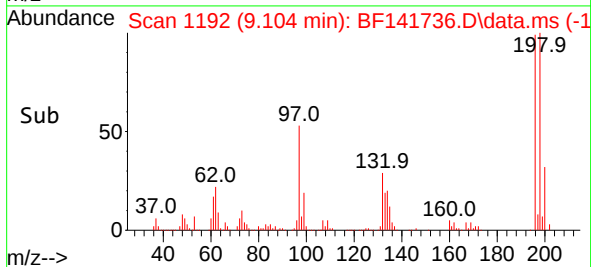
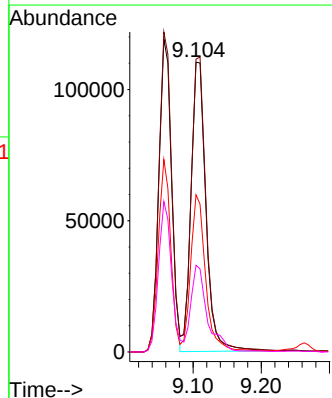
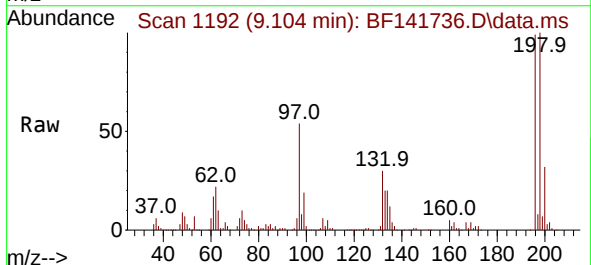
Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:196 Resp: 153510
Ion Ratio Lower Upper
196 100
198 102.2 80.6 121.0
200 32.8 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 43.347 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:196 Resp: 166600
Ion Ratio Lower Upper
196 100
198 101.1 79.8 119.8
97 54.2 44.8 67.2
132 29.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 99.270 ng

RT: 9.139 min Scan# 1118

Delta R.T. -0.012 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

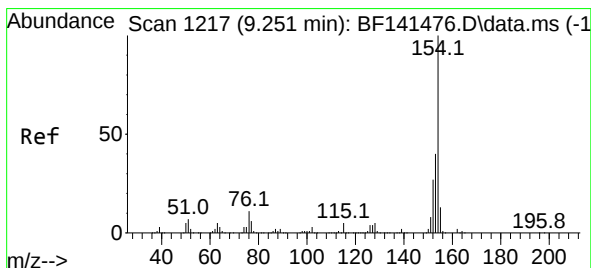
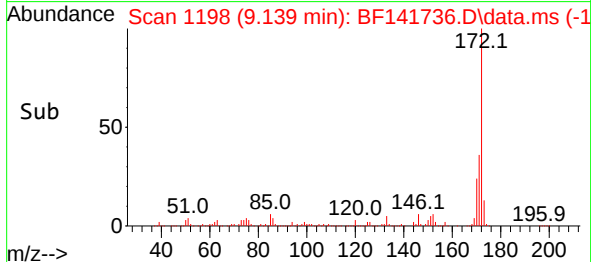
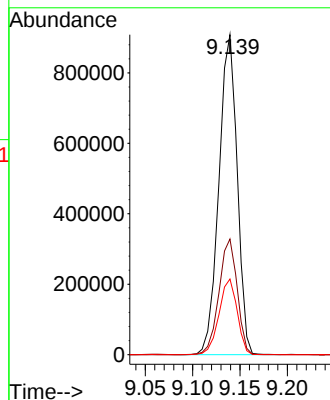
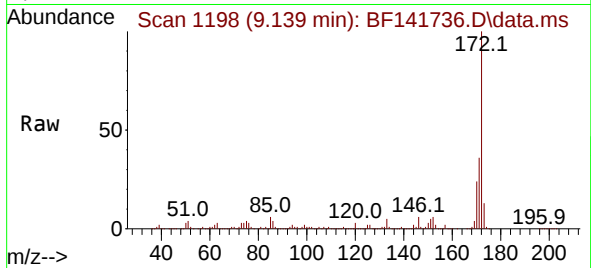
Tgt Ion:172 Resp: 1222043

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.263 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.017 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

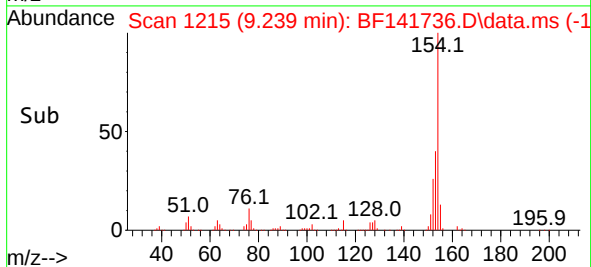
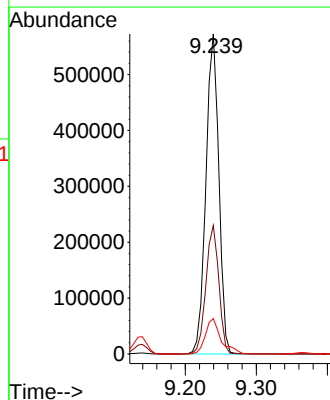
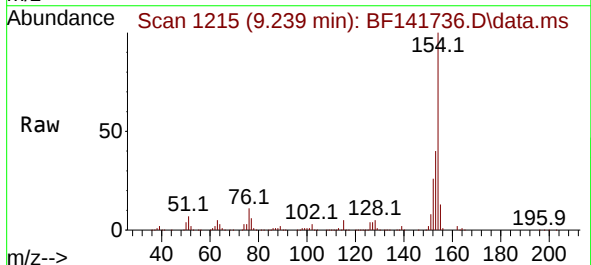
Tgt Ion:154 Resp: 724347

Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.0 0.0 30.8

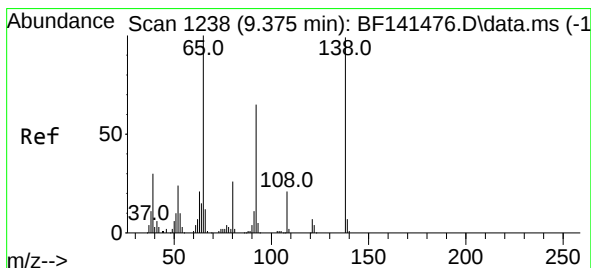
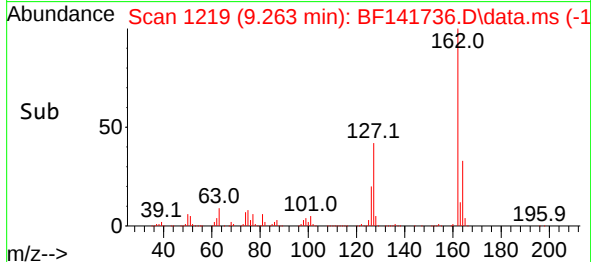
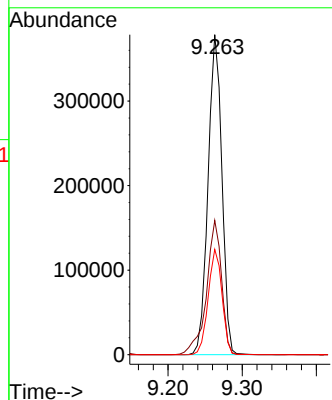
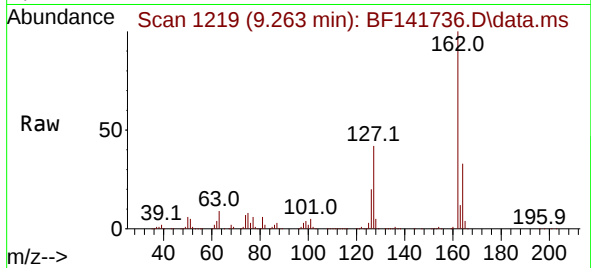




#47
2-Chloronaphthalene
Concen: 45.170 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

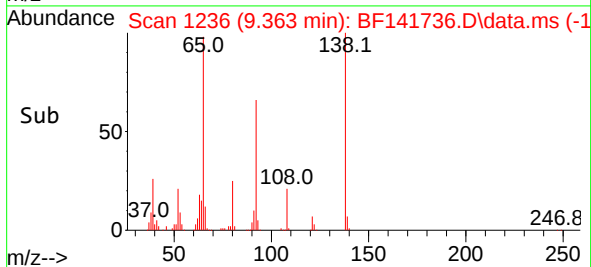
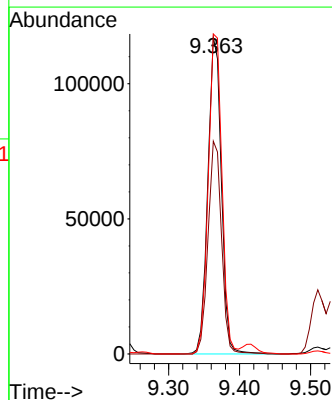
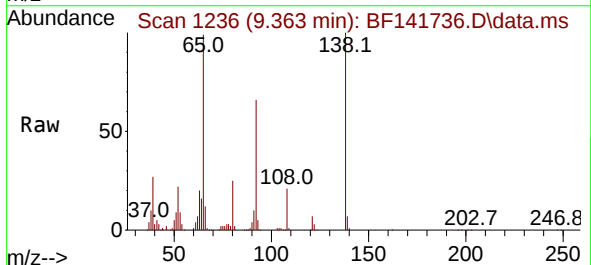
Instrument :
BNA_F
ClientSampleId :
PB166821BS

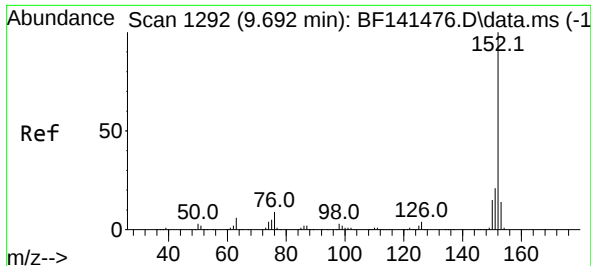
Tgt Ion:162 Resp: 491130
Ion Ratio Lower Upper
162 100
127 41.9 34.1 51.1
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 42.639 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion: 65 Resp: 155591
Ion Ratio Lower Upper
65 100
92 67.2 52.2 78.2
138 101.0 79.5 119.3





#49

Acenaphthylene

Concen: 46.721 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.017 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

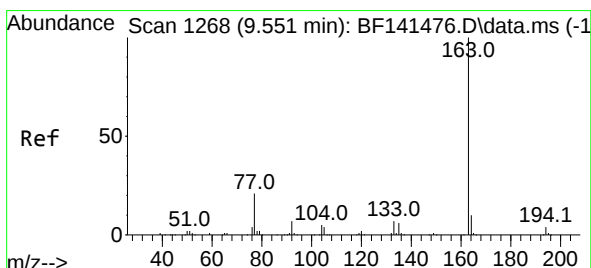
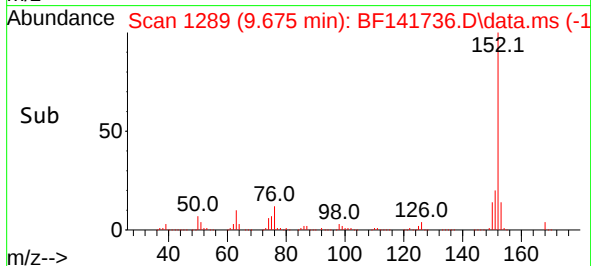
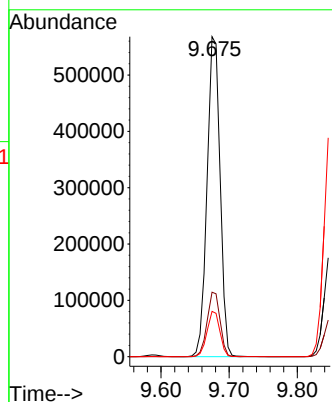
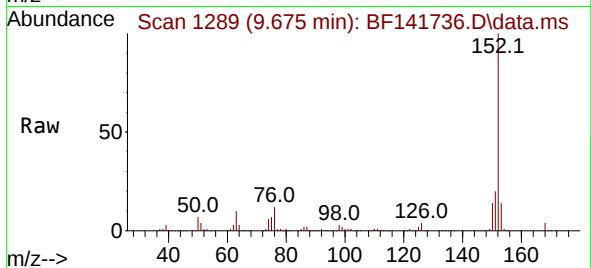
Tgt Ion:152 Resp: 755581

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.2 10.9 16.3



#50

Dimethylphthalate

Concen: 44.780 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

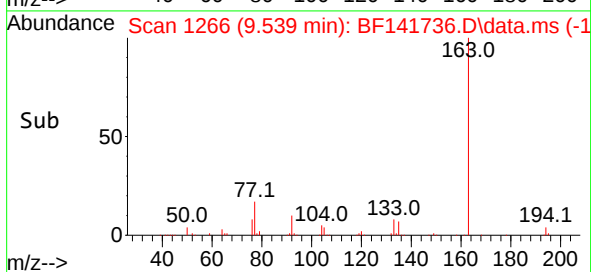
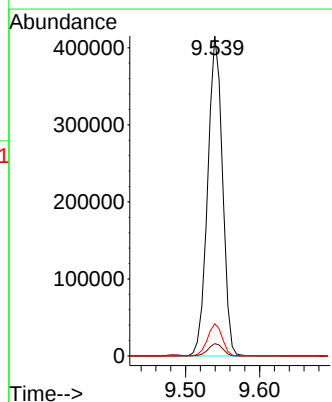
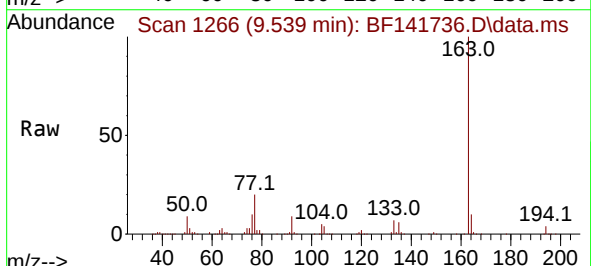
Tgt Ion:163 Resp: 576555

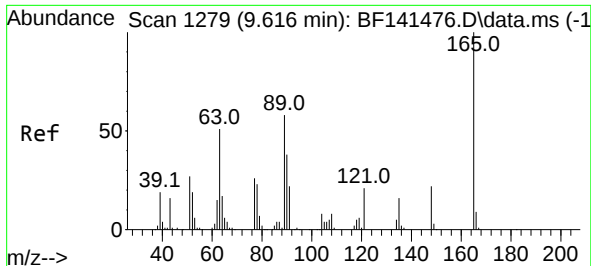
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.0 7.9 11.9

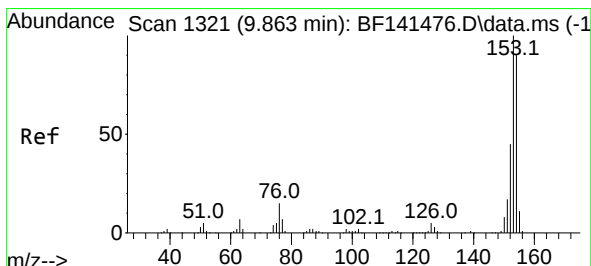
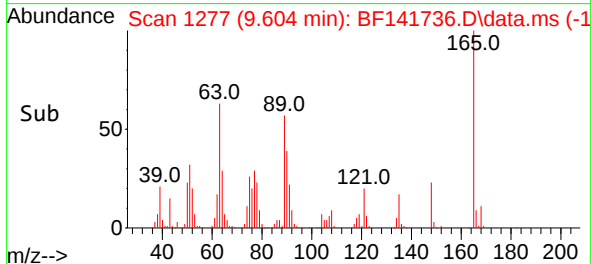
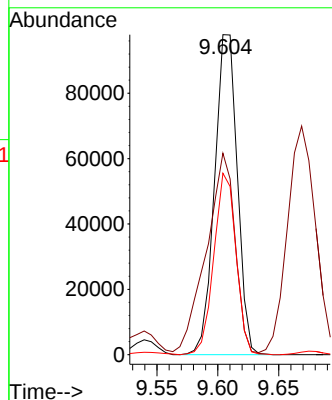
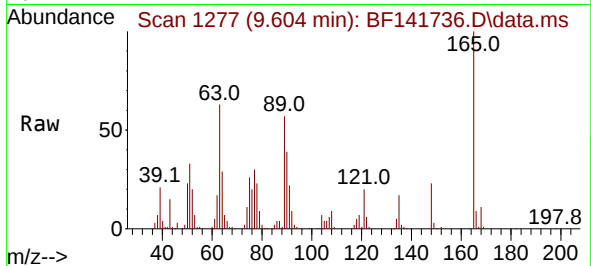




#51
2,6-Dinitrotoluene
Concen: 45.267 ng
RT: 9.604 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

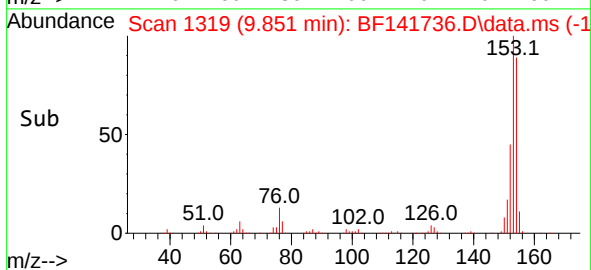
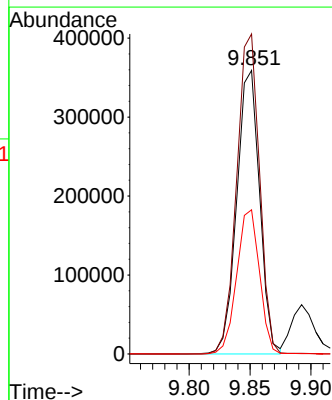
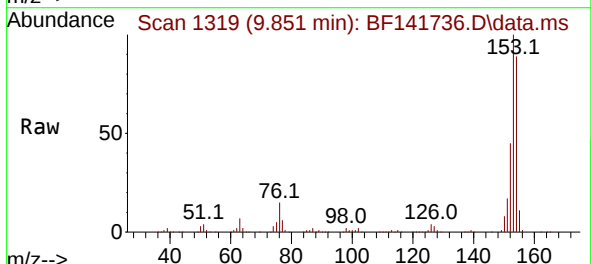
Instrument :
BNA_F
ClientSampleId :
PB166821BS

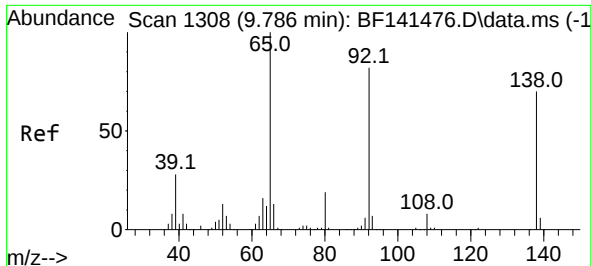
Tgt Ion:165 Resp: 127409
Ion Ratio Lower Upper
165 100
63 63.0 49.4 74.0
89 56.7 46.5 69.7



#52
Acenaphthene
Concen: 43.285 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:154 Resp: 470618
Ion Ratio Lower Upper
154 100
153 112.8 89.2 133.8
152 50.9 39.8 59.8

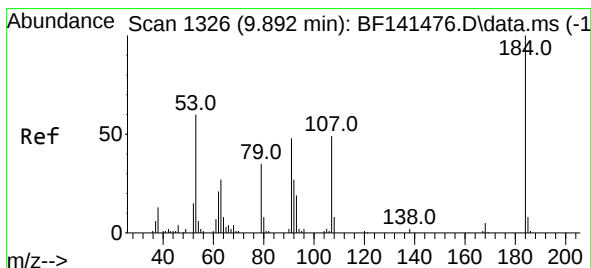
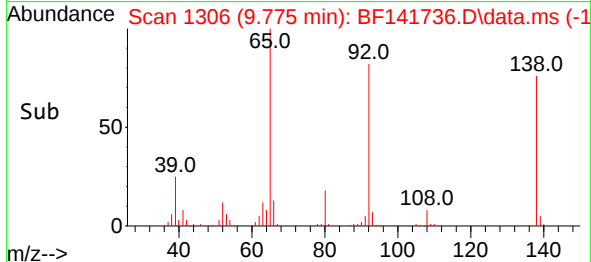
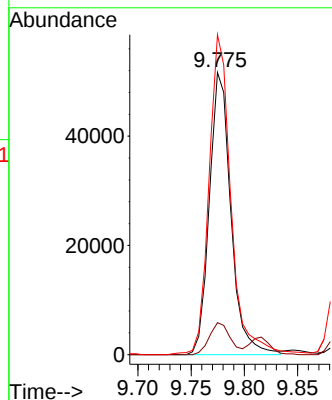
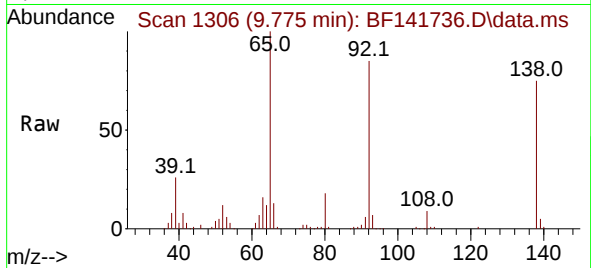




#53
3-Nitroaniline
Concen: 24.011 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

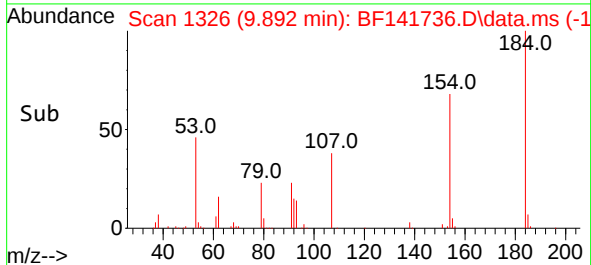
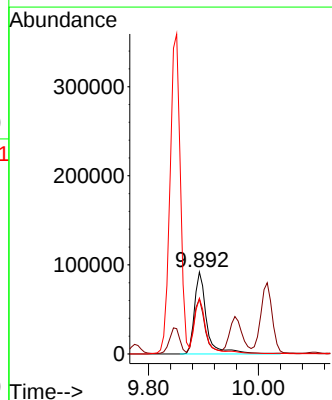
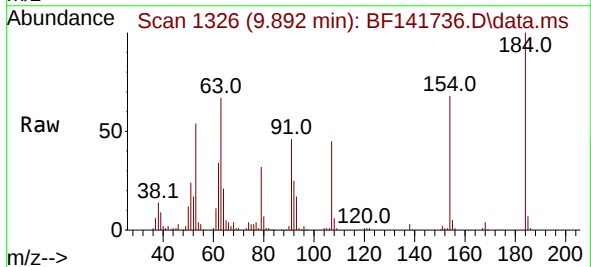
Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:138 Resp: 72738
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 113.4 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 85.467 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:184 Resp: 142970
Ion Ratio Lower Upper
184 100
63 66.9 61.0 91.6
154 67.9 59.9 89.9

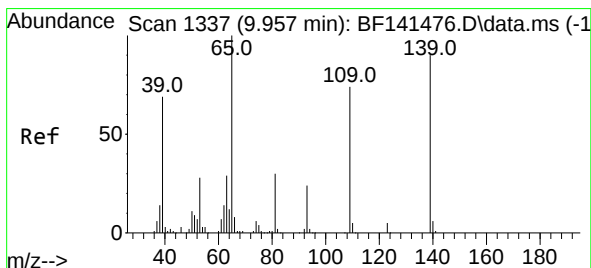
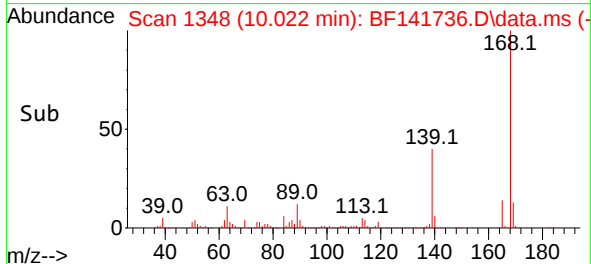
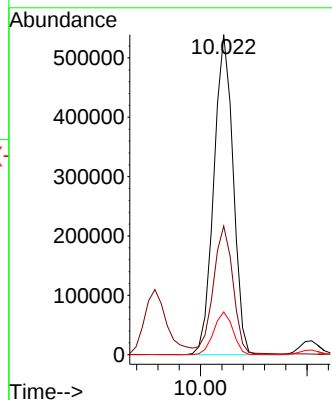
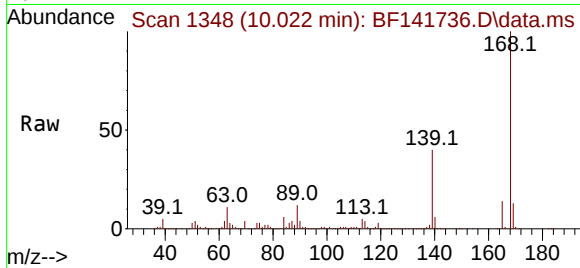




#55
Dibenzenofuran
Concen: 42.439 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

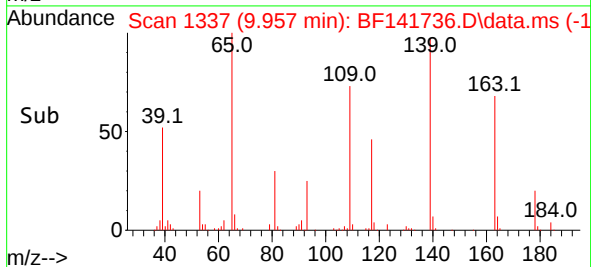
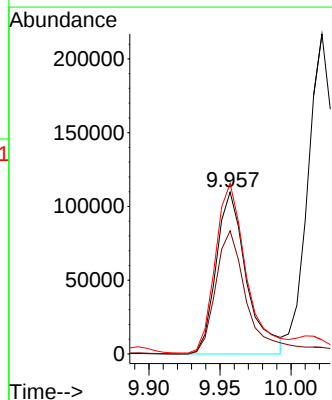
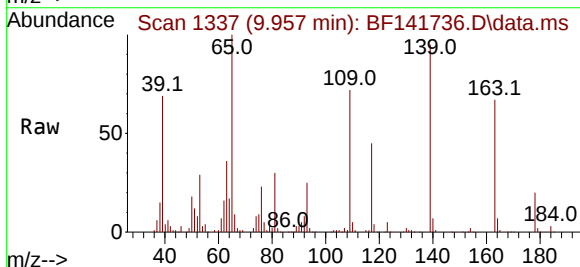
Instrument :
BNA_F
ClientSampleId :
PB166821BS

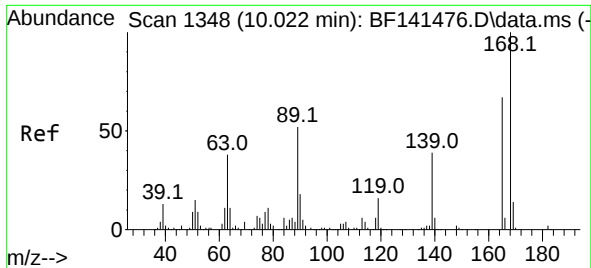
Tgt Ion:168 Resp: 677271
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 72.598 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:139 Resp: 163259
Ion Ratio Lower Upper
139 100
109 76.1 62.0 102.0
65 105.3 91.2 131.2

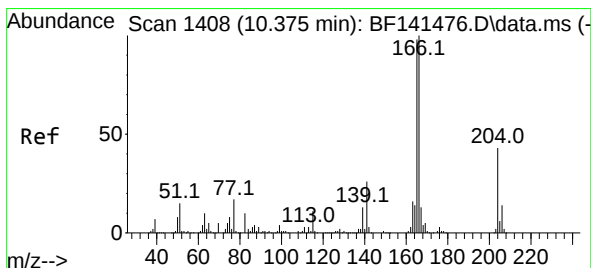
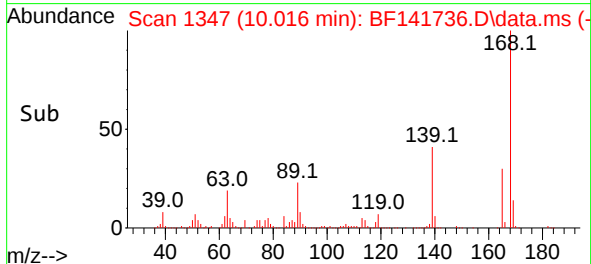
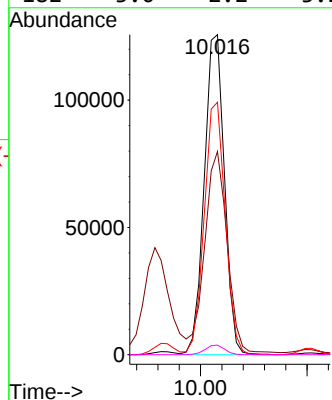
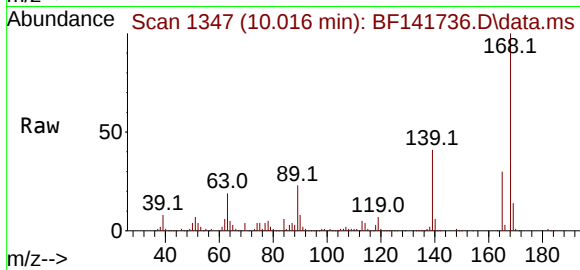




#57
2,4-Dinitrotoluene
Concen: 44.147 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

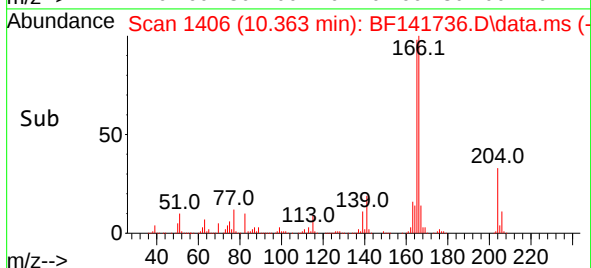
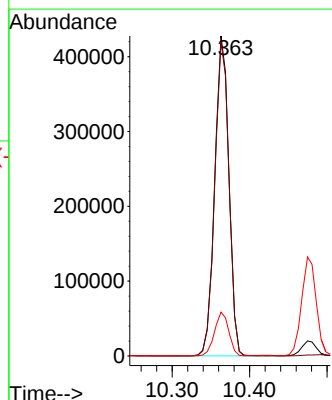
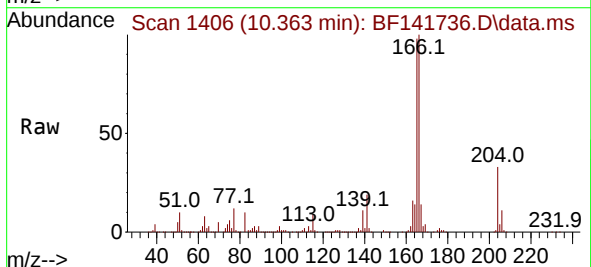
Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:165 Resp: 165419
Ion Ratio Lower Upper
165 100
63 63.5 46.4 69.6
89 78.9 61.8 92.6
182 3.0 2.2 3.2



#58
Fluorene
Concen: 43.999 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:166 Resp: 542919
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.7 10.7 16.1

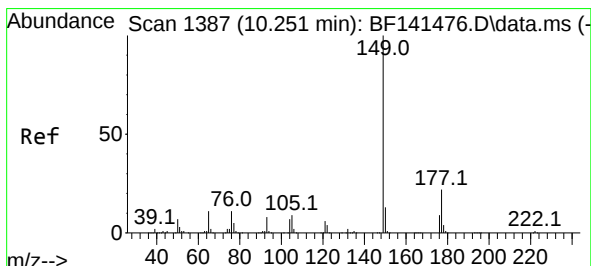
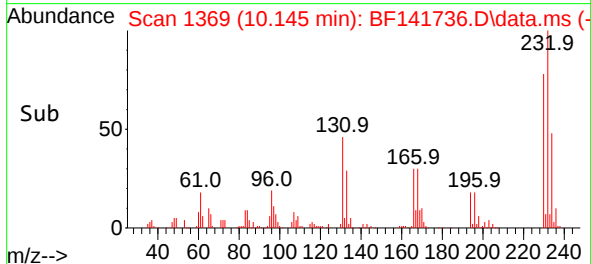
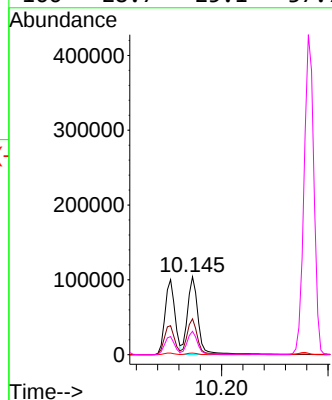
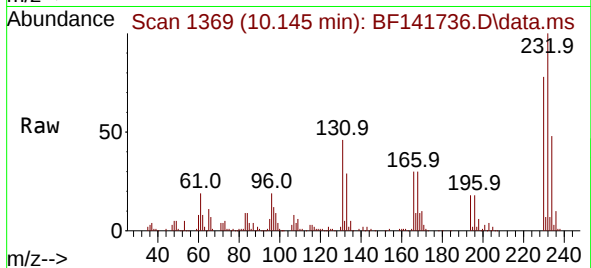




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.470 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

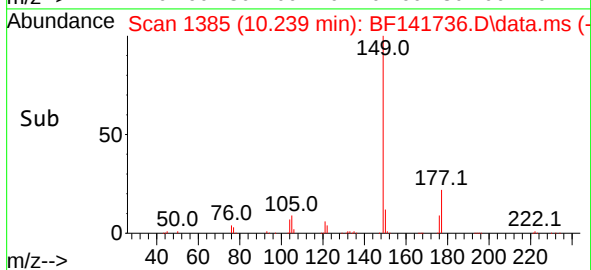
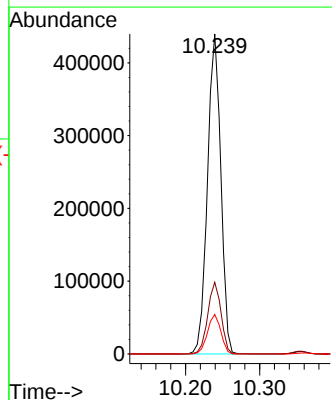
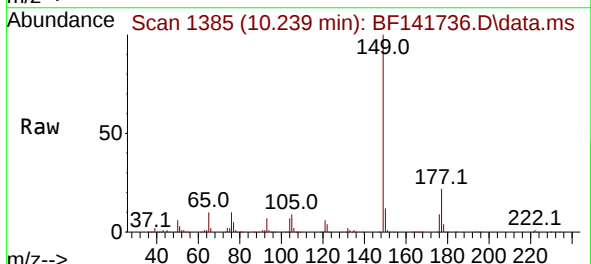
Instrument :
BNA_F
ClientSampleId :
PB166821BS

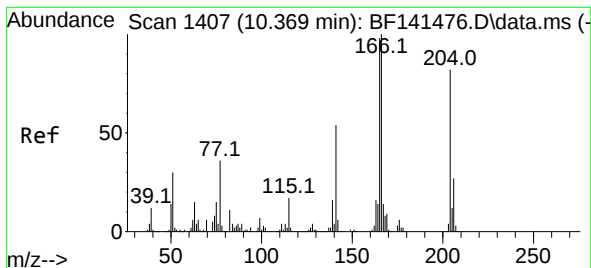
Tgt Ion:232 Resp: 143840
Ion Ratio Lower Upper
232 100
131 45.6 39.2 58.8
130 2.1 2.1 3.1
166 28.7 25.1 37.7



#60
Diethylphthalate
Concen: 43.383 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:149 Resp: 549569
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.4 10.1 15.1

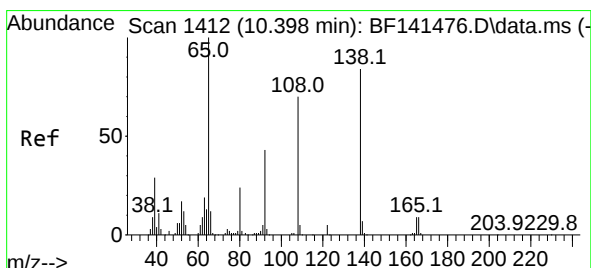
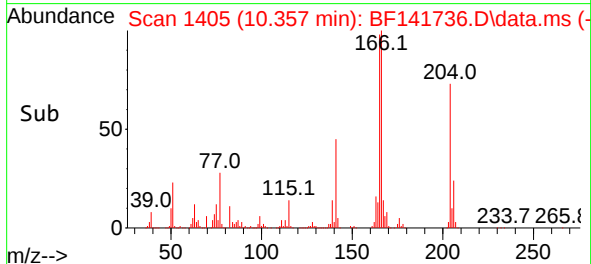
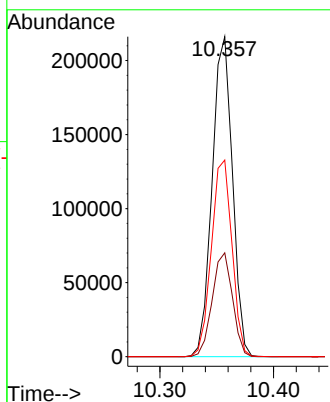
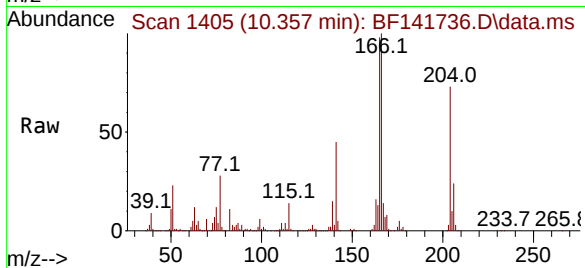




#61
4-Chlorophenyl-phenylether
Concen: 45.233 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

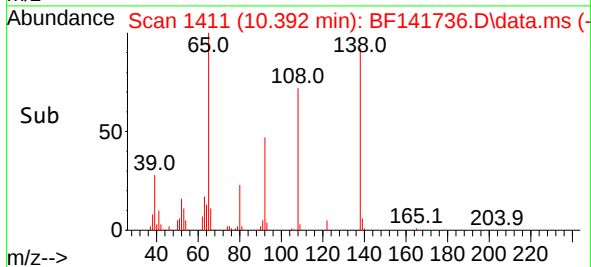
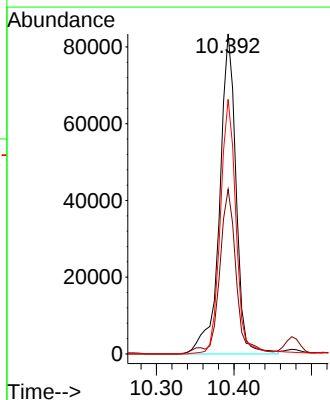
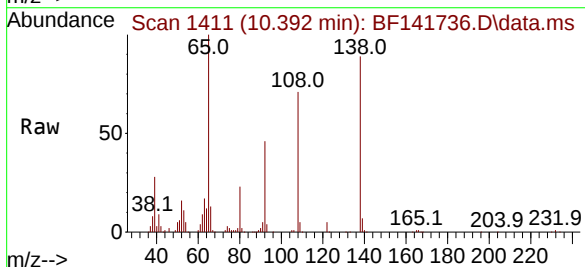
Instrument :
BNA_F
ClientSampleId :
PB166821BS

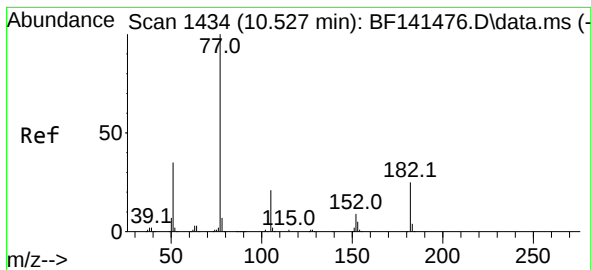
Tgt Ion:204 Resp: 268517
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 61.4 51.9 77.9



#62
4-Nitroaniline
Concen: 39.966 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:138 Resp: 122937
Ion Ratio Lower Upper
138 100
92 51.5 31.3 71.3
108 79.5 63.7 103.7

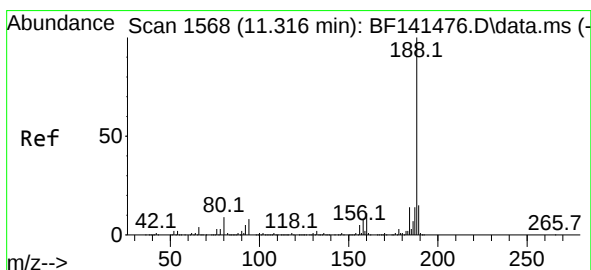
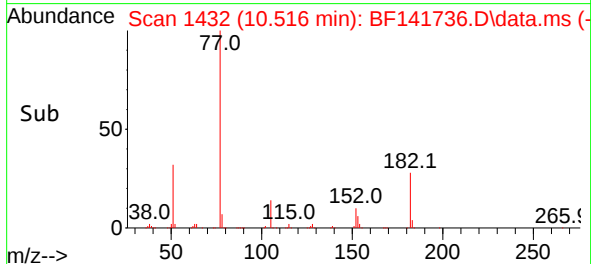
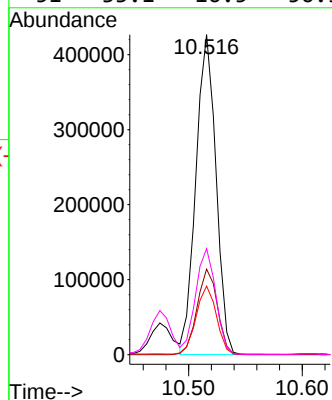
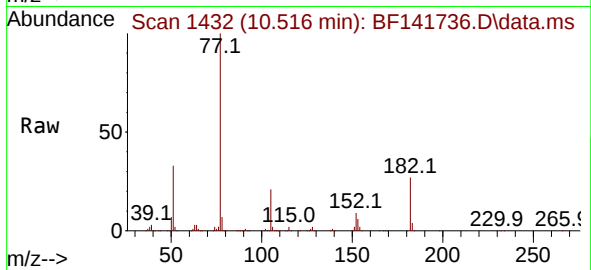




#63
Azobenzene
Concen: 41.583 ng
RT: 10.516 min Scan# 1434
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

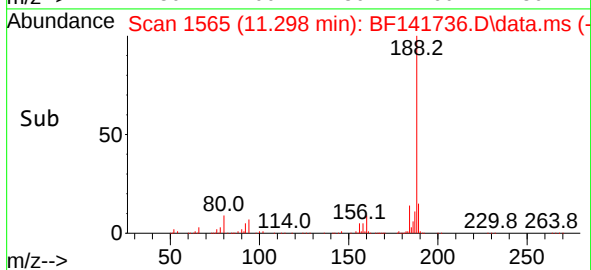
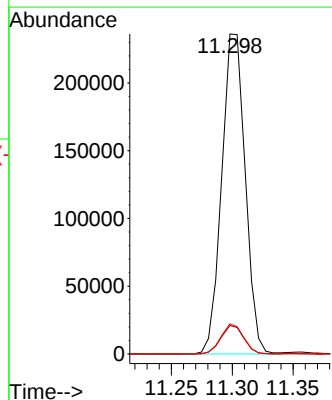
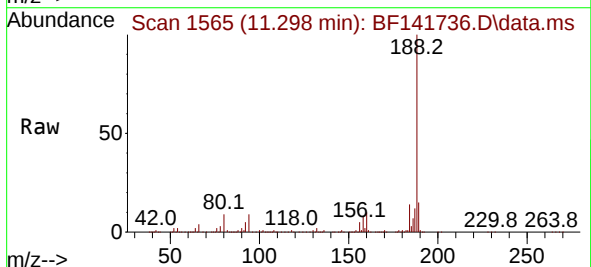
Instrument :
BNA_F
ClientSampleId :
PB166821BS

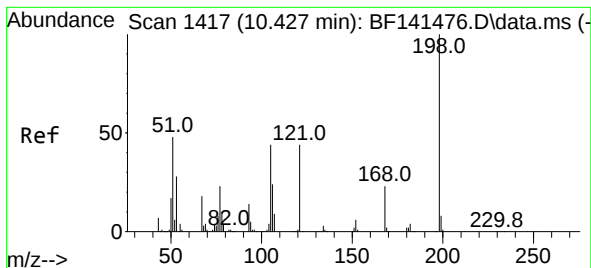
Tgt Ion: 77	Resp: 523669
Ion Ratio	Lower Upper
77 100	
182 26.8	4.7 44.7
105 21.4	0.4 40.4
51 33.1	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:188	Resp: 317883
Ion Ratio	Lower Upper
188 100	
94 8.9	6.6 10.0
80 9.4	7.3 10.9

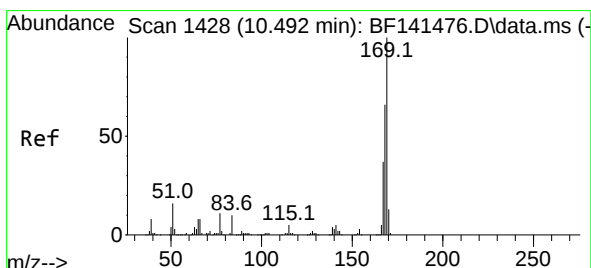
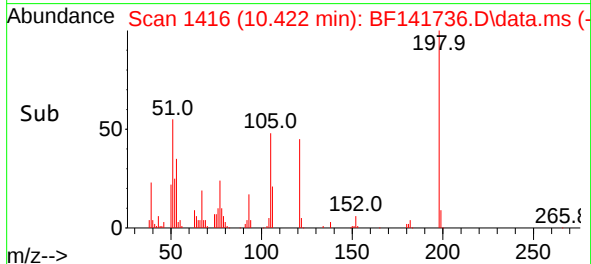
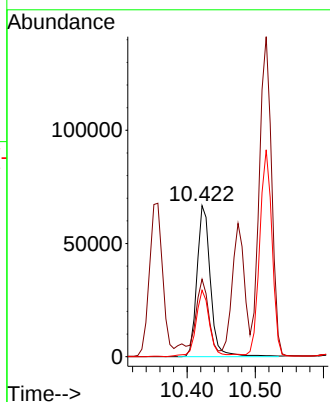
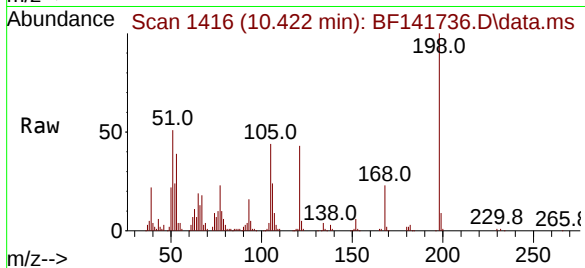




#65
4,6-Dinitro-2-methylphenol
Concen: 41.500 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

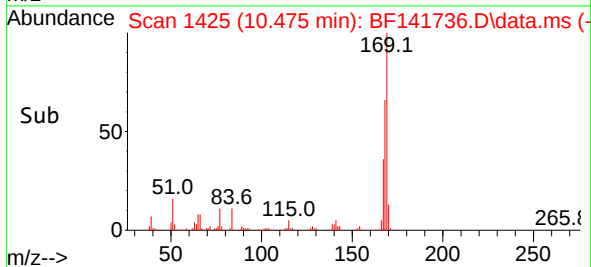
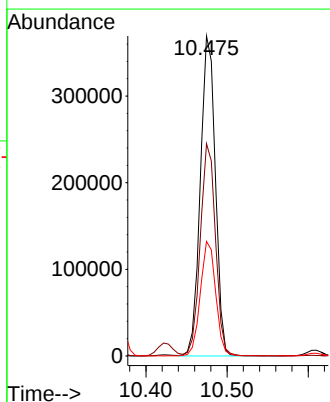
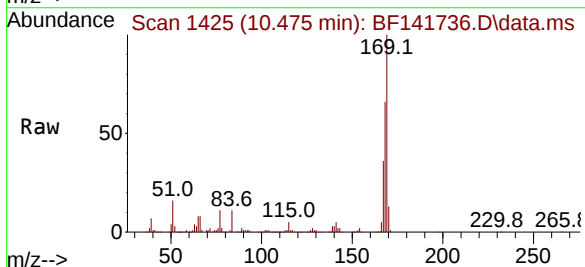
Instrument :
BNA_F
ClientSampleId :
PB166821BS

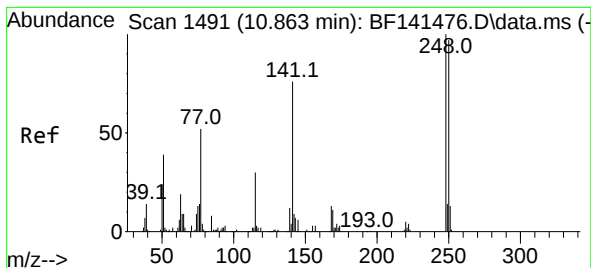
Tgt Ion:198 Resp: 91639
Ion Ratio Lower Upper
198 100
51 51.2 37.4 77.4
105 44.0 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 46.533 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:169 Resp: 473503
Ion Ratio Lower Upper
169 100
168 66.3 53.3 79.9
167 35.8 29.4 44.2

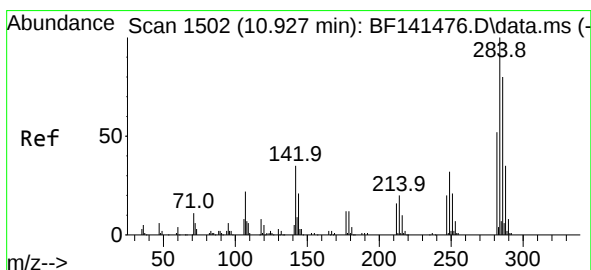
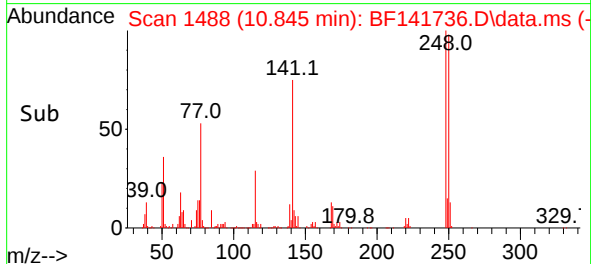
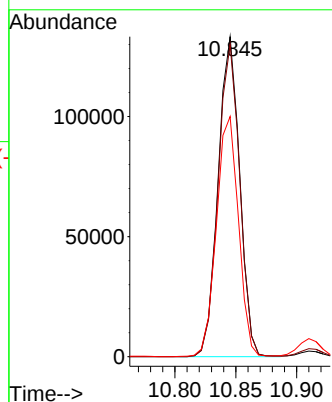
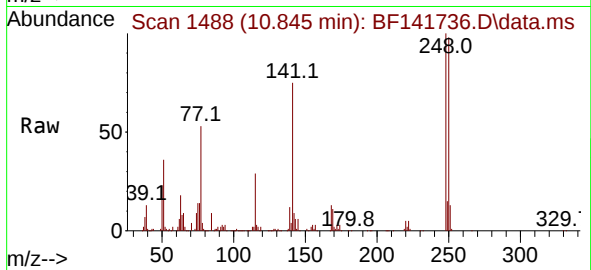




#67
4-Bromophenyl-phenylether
Concen: 46.304 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

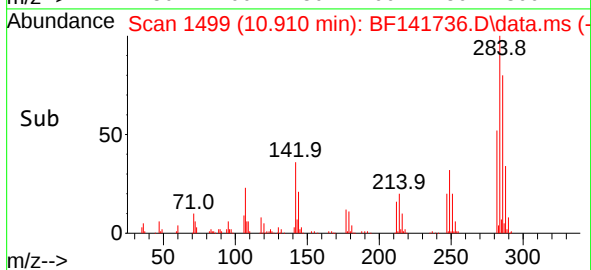
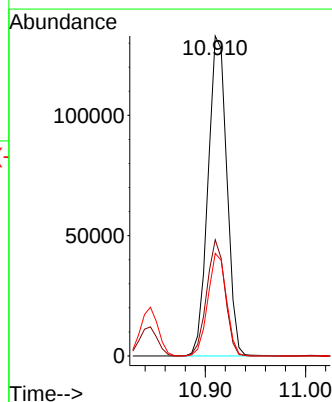
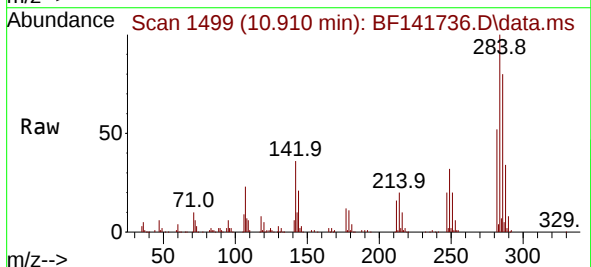
Instrument :
BNA_F
ClientSampleId :
PB166821BS

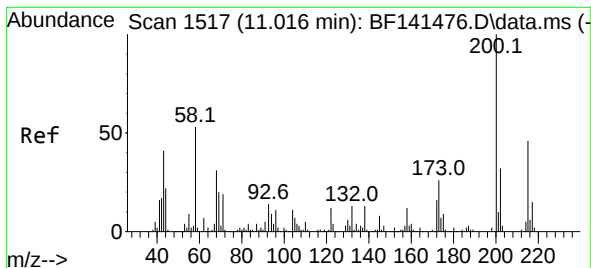
Tgt Ion:248 Resp: 164507
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.6
141 75.1 60.6 90.8



#68
Hexachlorobenzene
Concen: 47.529 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:284 Resp: 173880
Ion Ratio Lower Upper
284 100
142 36.3 28.0 42.0
249 32.0 25.8 38.8





#69

Atrazine

Concen: 58.080 ng

RT: 11.004 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

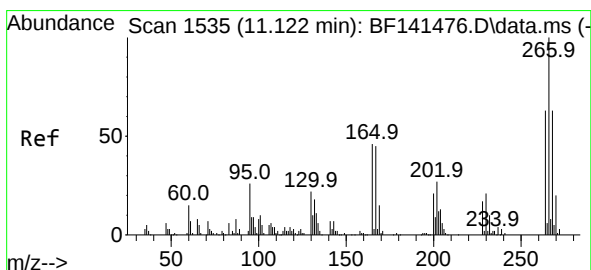
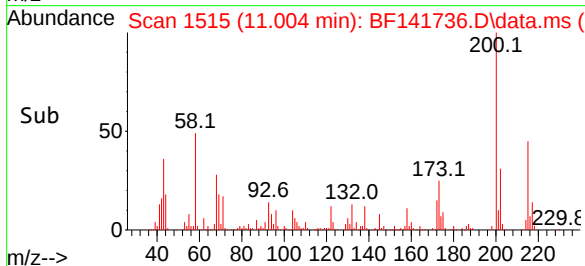
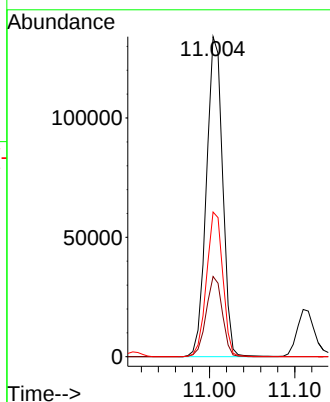
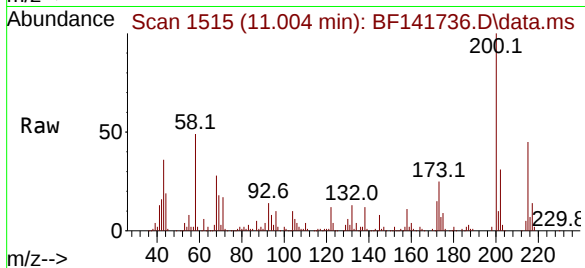
Tgt Ion:200 Resp: 177302

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

215 45.2 25.9 65.9



#70

Pentachlorophenol

Concen: 72.924 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

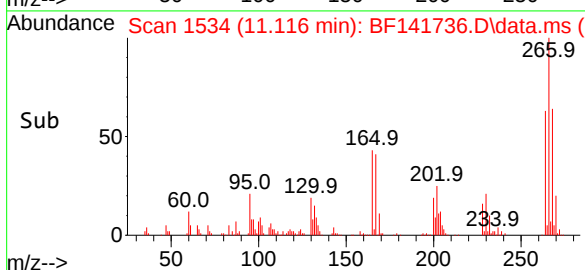
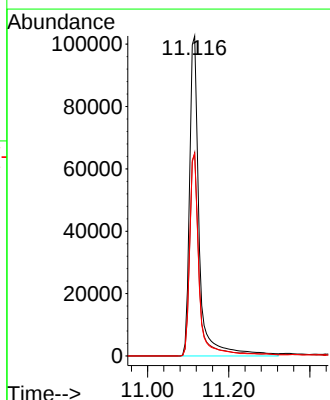
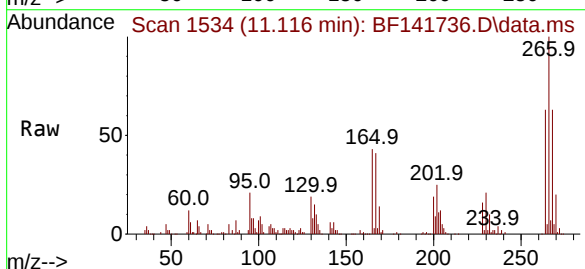
Tgt Ion:266 Resp: 170587

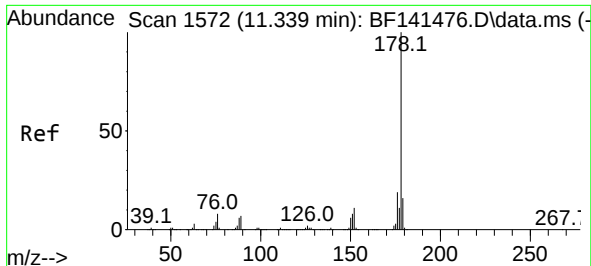
Ion Ratio Lower Upper

266 100

268 63.5 50.1 75.1

264 63.2 50.1 75.1

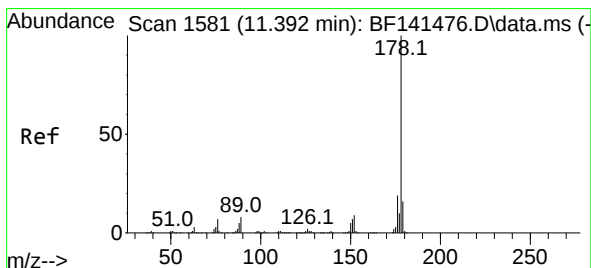
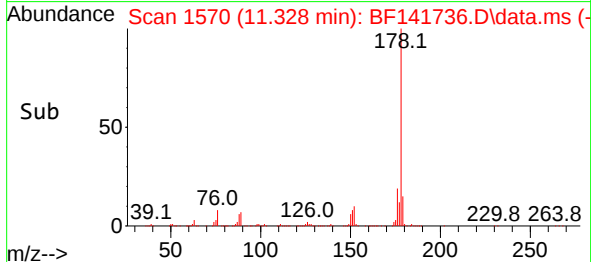
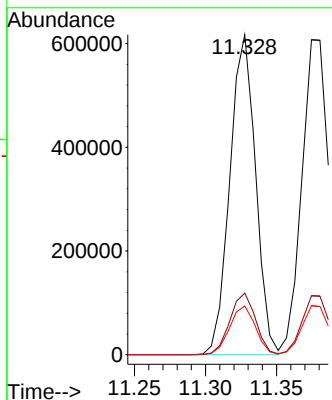
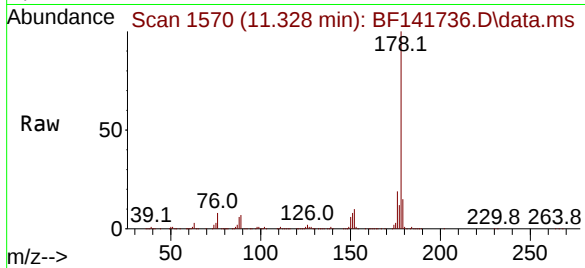




#71
Phenanthrene
Concen: 44.502 ng
RT: 11.328 min Scan# 1572
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

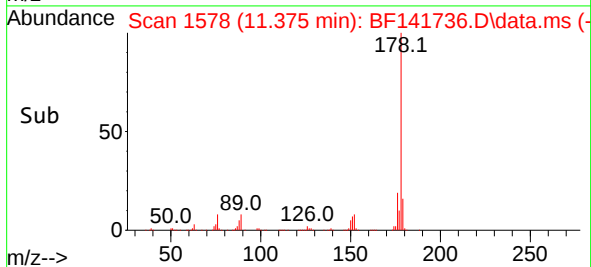
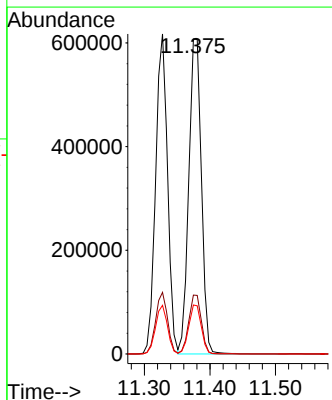
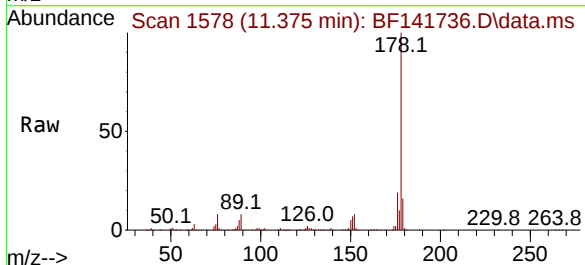
Instrument :
BNA_F
ClientSampleId :
PB166821BS

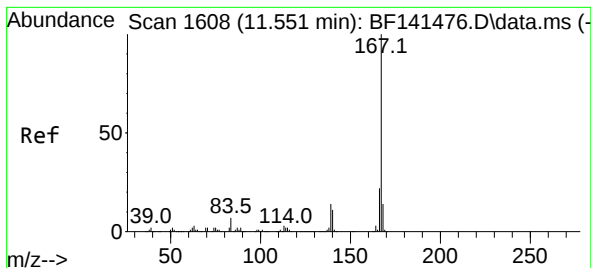
Tgt Ion:178 Resp: 778692
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.2 12.4 18.6



#72
Anthracene
Concen: 46.039 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:178 Resp: 809814
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.6 12.4 18.6





#73

Carbazole

Concen: 42.570 ng

RT: 11.533 min Scan# 1605

Delta R.T. -0.017 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

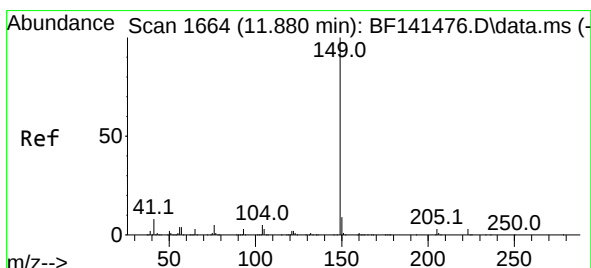
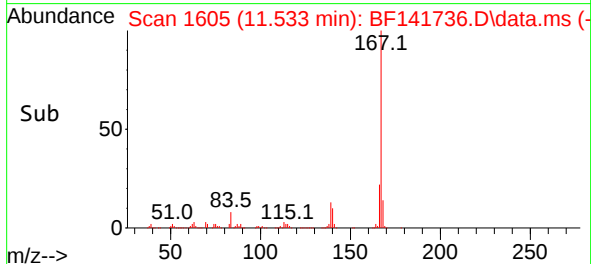
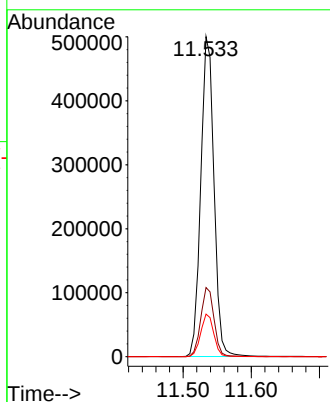
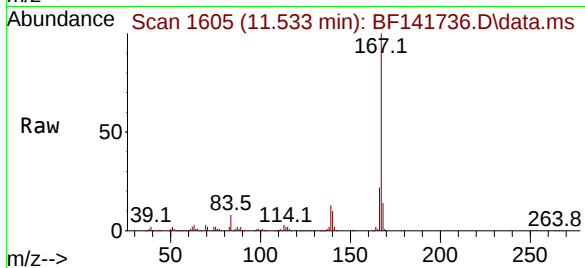
Tgt Ion:167 Resp: 673754

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.3 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.385 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.017 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

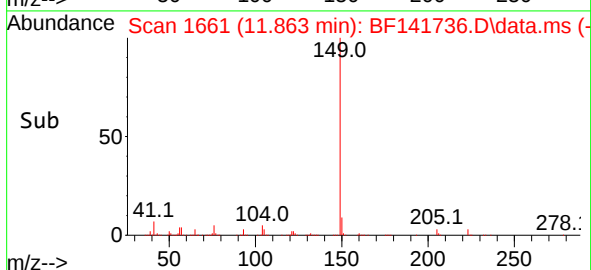
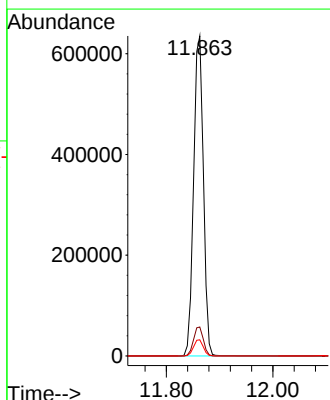
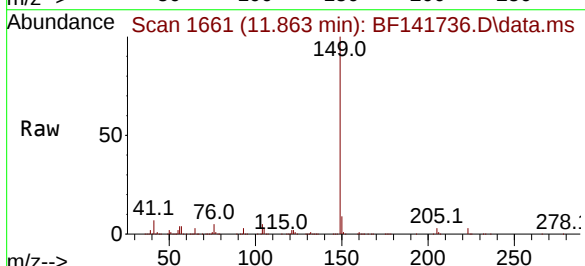
Tgt Ion:149 Resp: 811133

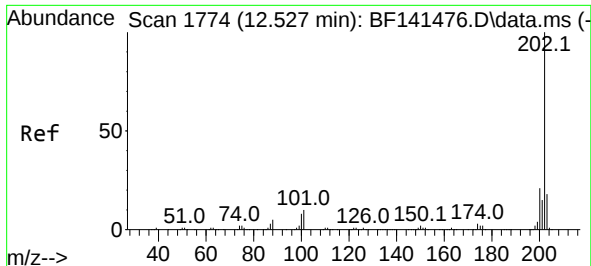
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.0 4.2 6.2

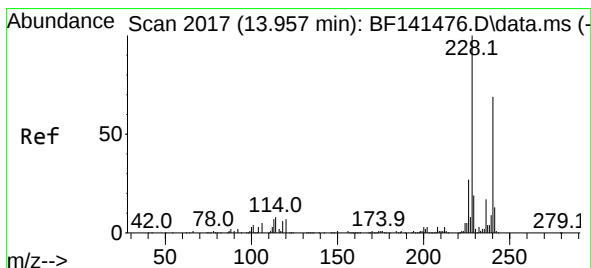
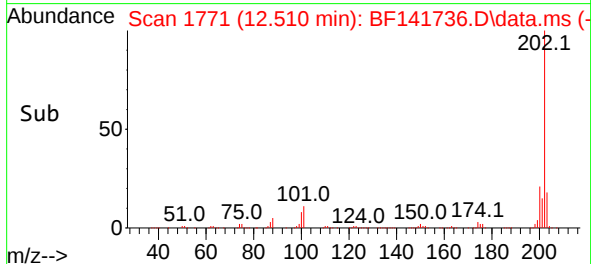
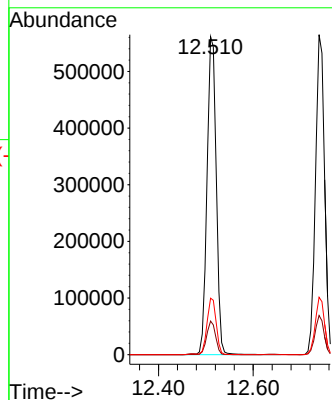
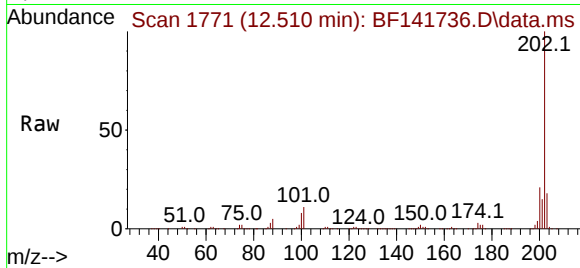




#75
Fluoranthene
Concen: 40.772 ng
RT: 12.510 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

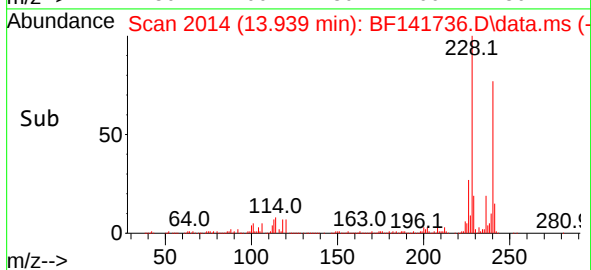
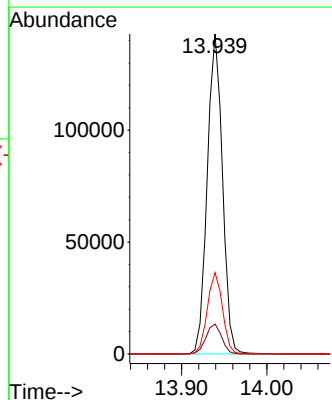
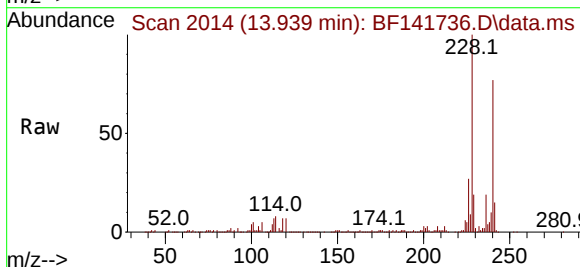
Instrument :
BNA_F
ClientSampleId :
PB166821BS

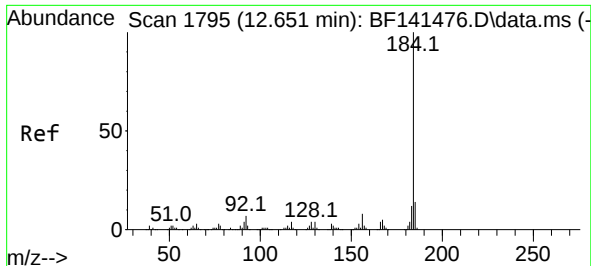
Tgt Ion:202 Resp: 756379
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:240 Resp: 177373
Ion Ratio Lower Upper
240 100
120 9.3 8.0 12.0
236 25.4 19.8 29.8

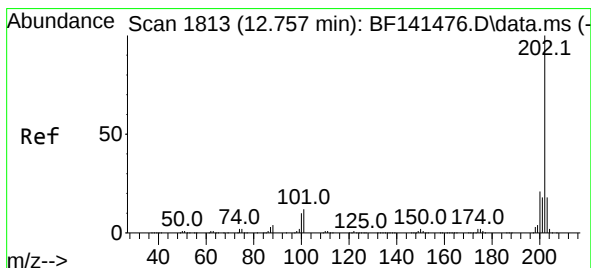
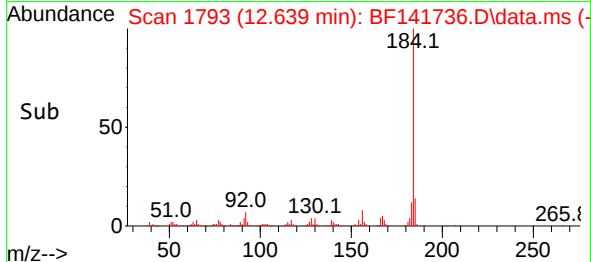
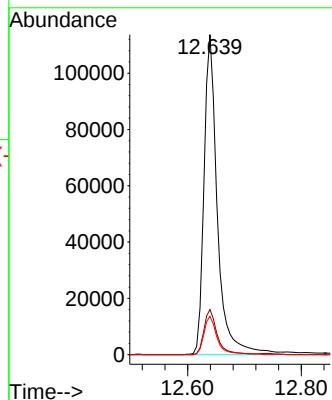
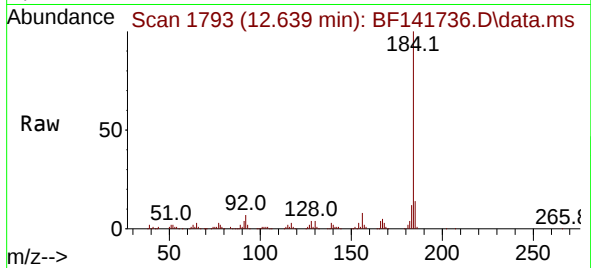




#77
Benzidine
Concen: 47.540 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

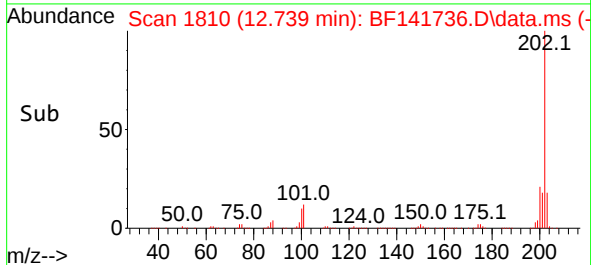
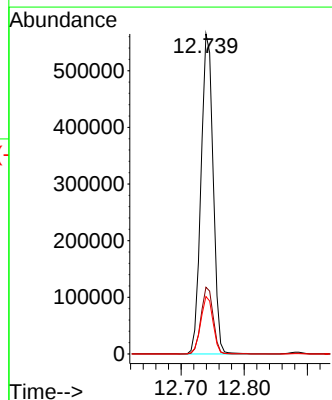
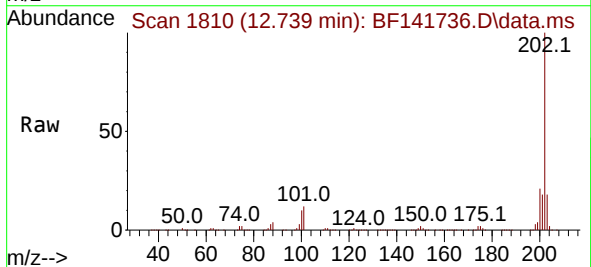
Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:184 Resp: 185971
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 49.818 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:202 Resp: 752211
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 116.895 ng

RT: 12.886 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

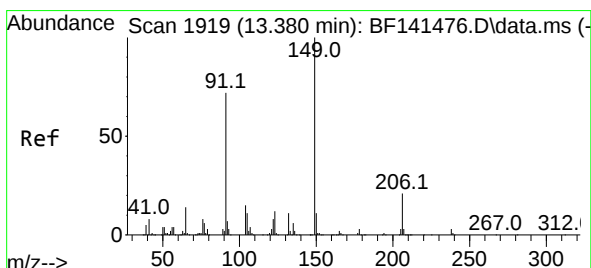
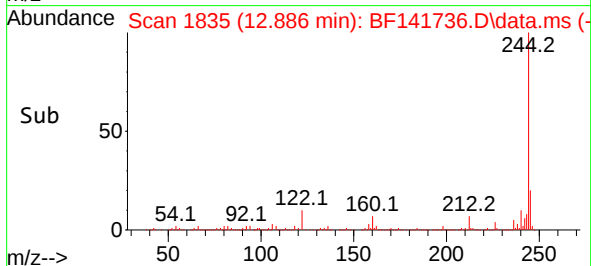
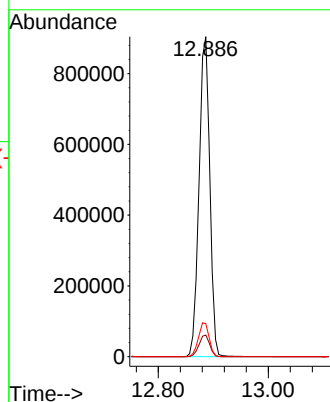
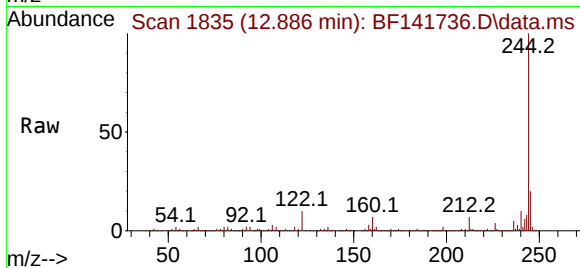
Tgt Ion:244 Resp: 1228188

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.3 8.4 12.6



#80

Butylbenzylphthalate

Concen: 49.251 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

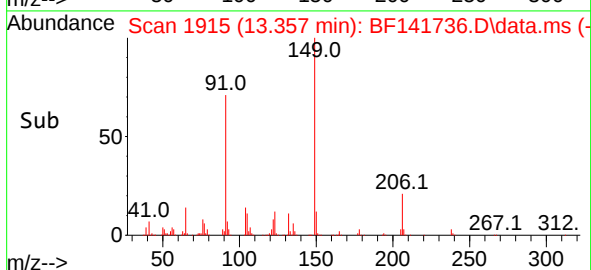
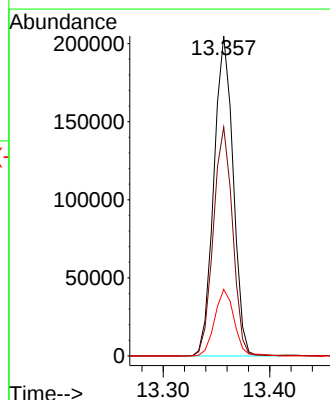
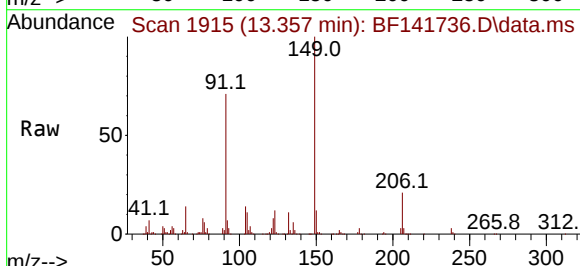
Tgt Ion:149 Resp: 257579

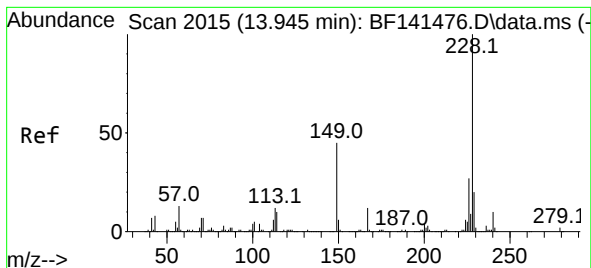
Ion Ratio Lower Upper

149 100

91 71.5 57.8 86.8

206 20.8 16.7 25.1





#81

Benzo(a)anthracene

Concen: 44.971 ng

RT: 13.927 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

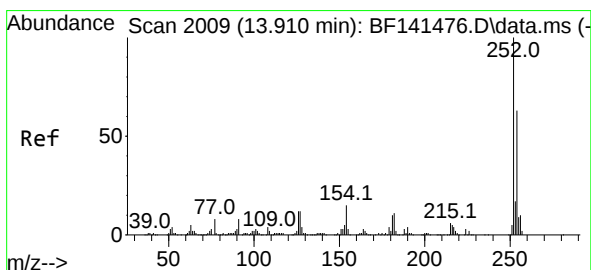
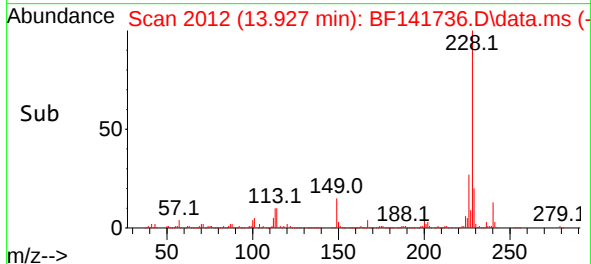
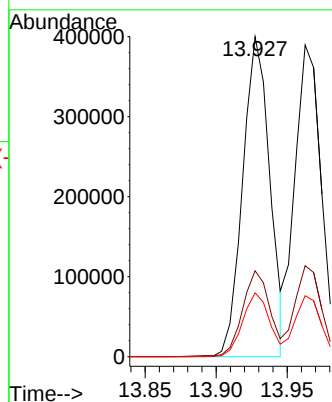
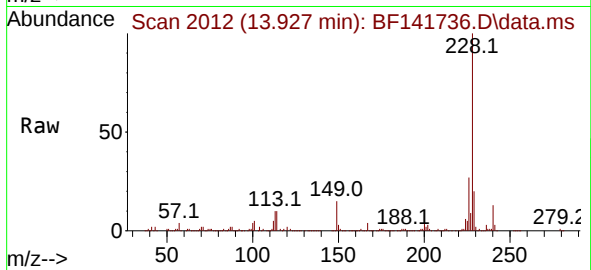
Tgt Ion:228 Resp: 530233

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.123 ng

RT: 13.892 min Scan# 2006

Delta R.T. -0.023 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

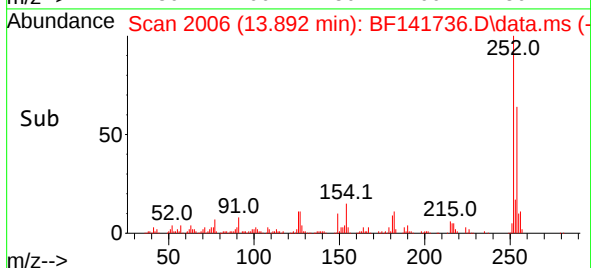
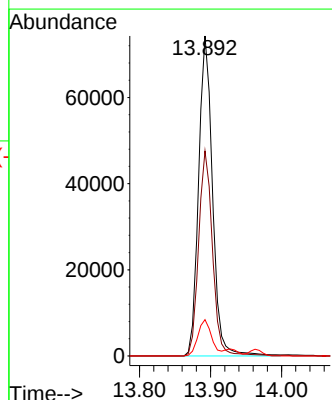
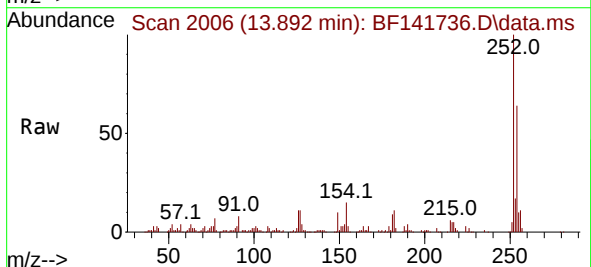
Tgt Ion:252 Resp: 101741

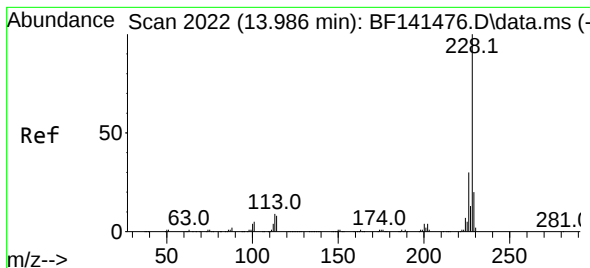
Ion Ratio Lower Upper

252 100

254 64.0 50.6 76.0

126 11.3 9.3 13.9





#83

Chrysene

Concen: 46.126 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

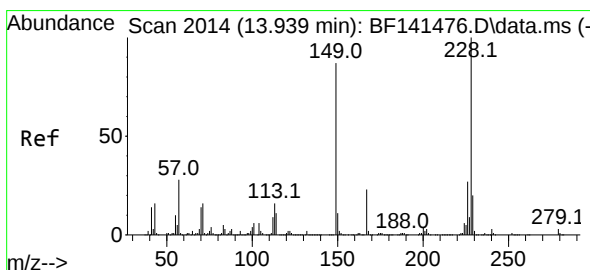
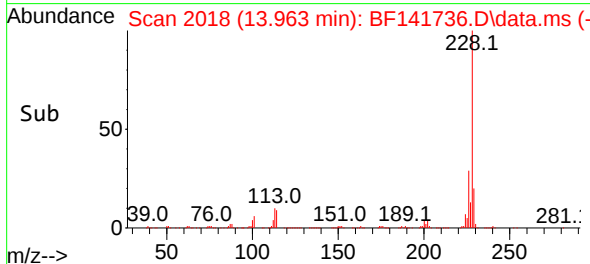
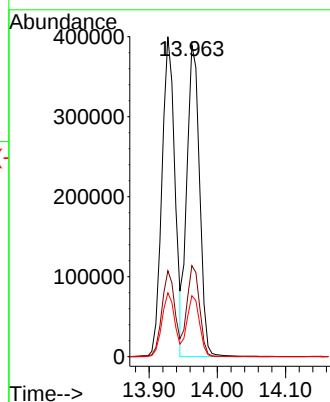
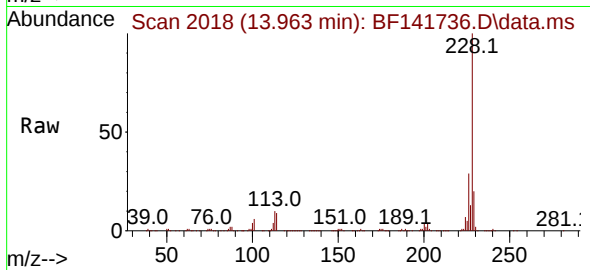
Tgt Ion:228 Resp: 502163

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.576 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

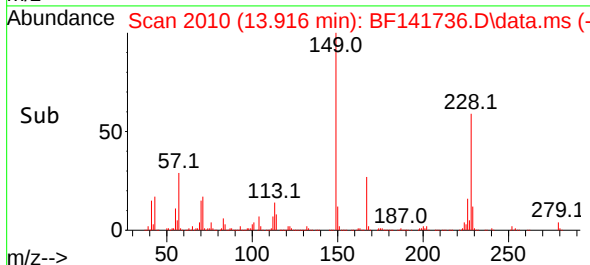
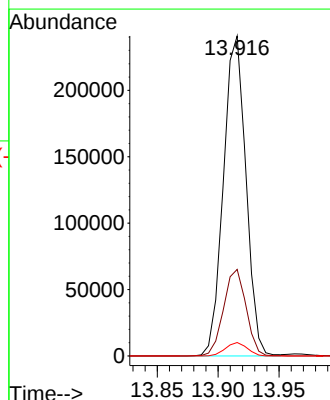
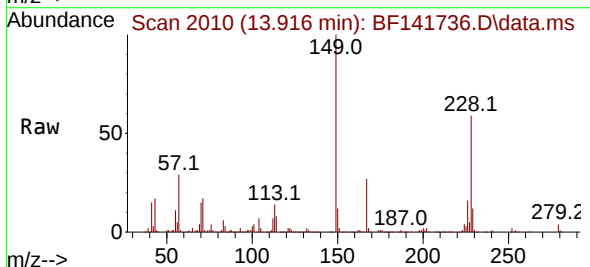
Tgt Ion:149 Resp: 310125

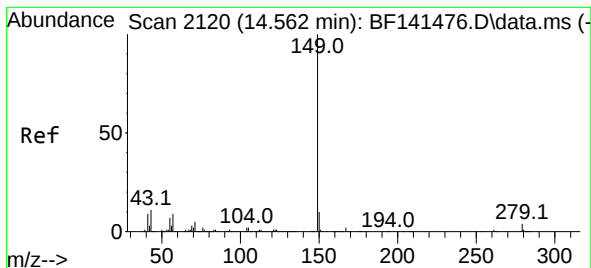
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 55.916 ng

RT: 14.521 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

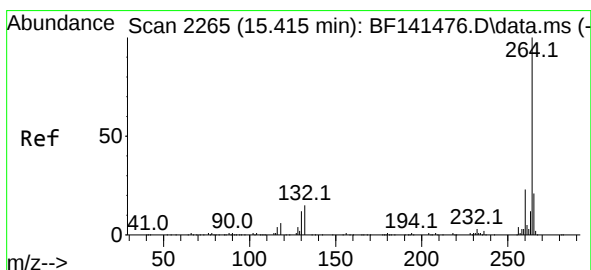
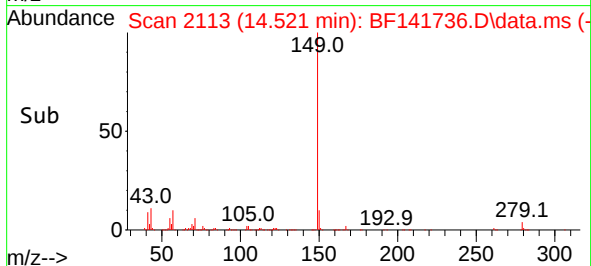
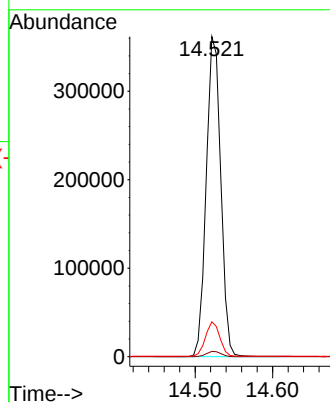
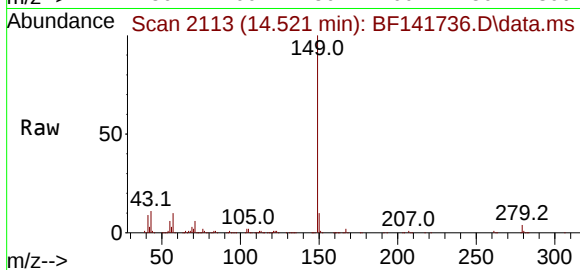
Tgt Ion:149 Resp: 470518

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.6 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: BF141736.D

Acq: 24 Feb 2025 10:51

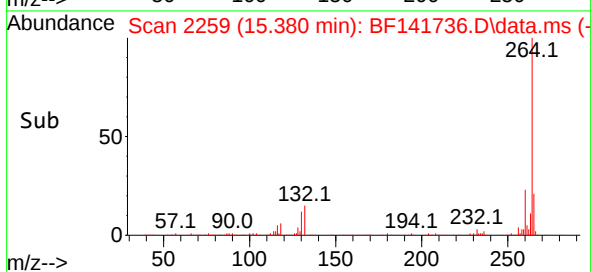
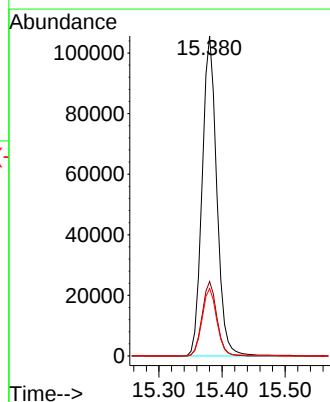
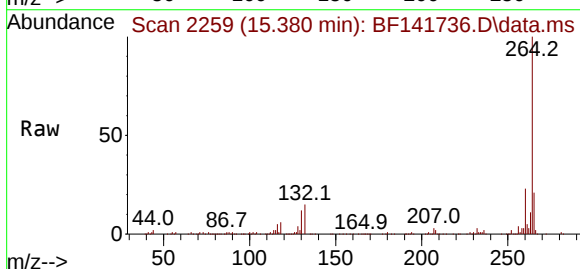
Tgt Ion:264 Resp: 170304

Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.349 ng

RT: 16.821 min Scan# 2188

Delta R.T. -0.053 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

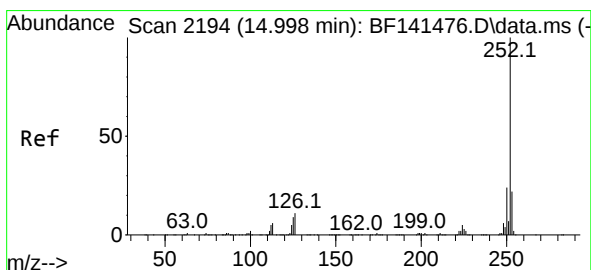
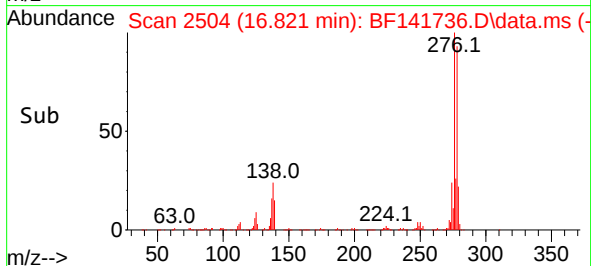
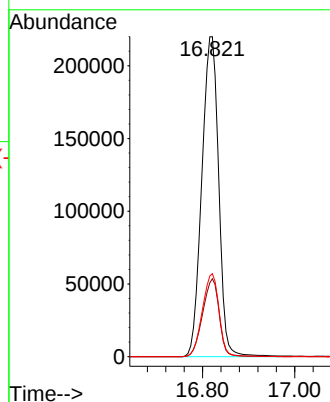
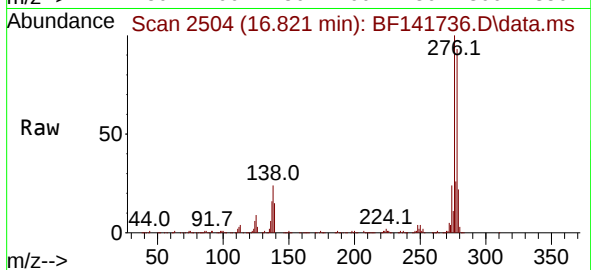
Tgt Ion:276 Resp: 561382

Ion Ratio Lower Upper

276 100

138 23.9 18.0 27.0

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.228 ng

RT: 14.963 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

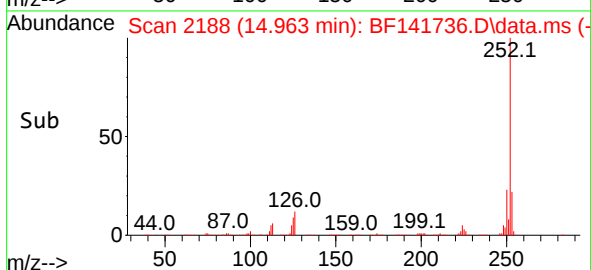
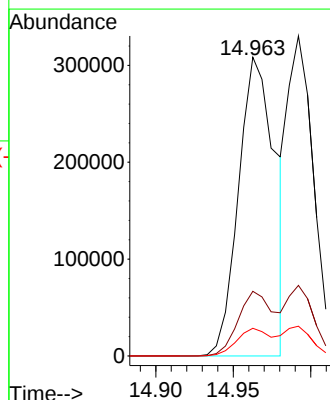
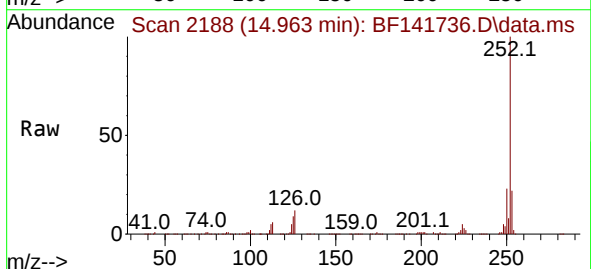
Tgt Ion:252 Resp: 505746

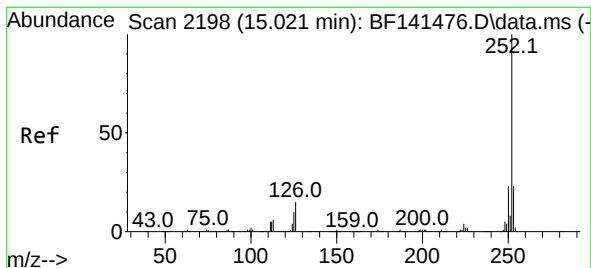
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.3 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 39.673 ng

RT: 14.992 min Scan# 2198

Delta R.T. -0.041 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

Instrument :

BNA_F

ClientSampleId :

PB166821BS

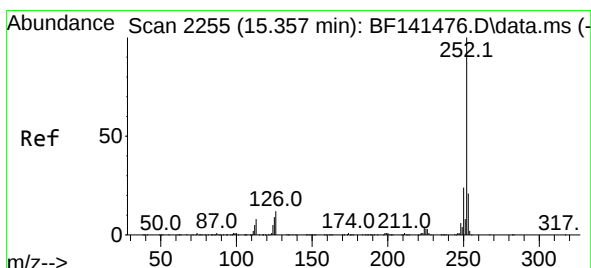
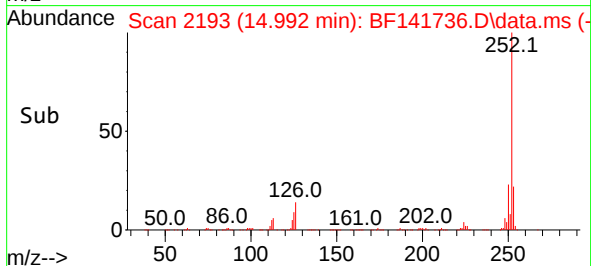
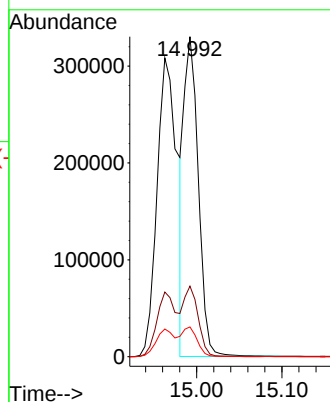
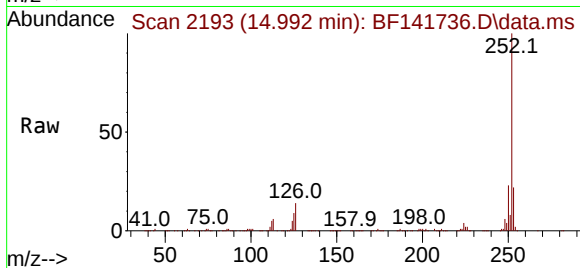
Tgt Ion:252 Resp: 387388

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 9.3 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.117 ng

RT: 15.321 min Scan# 2249

Delta R.T. -0.041 min

Lab File: BF141736.D

Acq: 24 Feb 2025 10:51

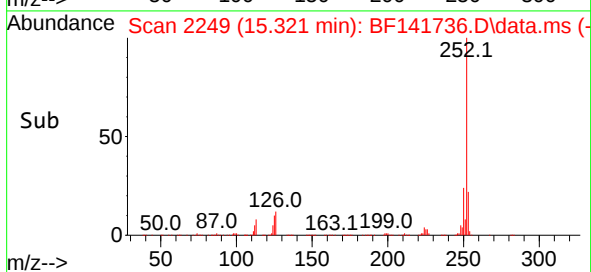
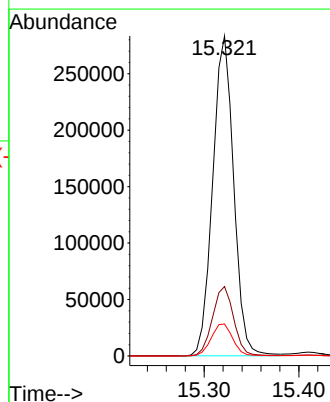
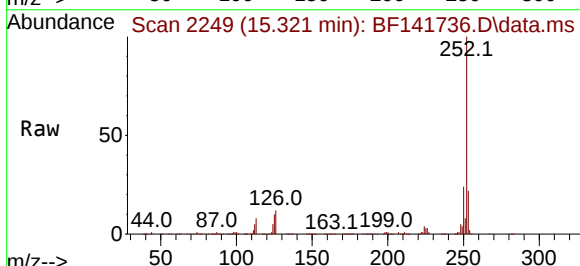
Tgt Ion:252 Resp: 435973

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.0 7.4 11.2

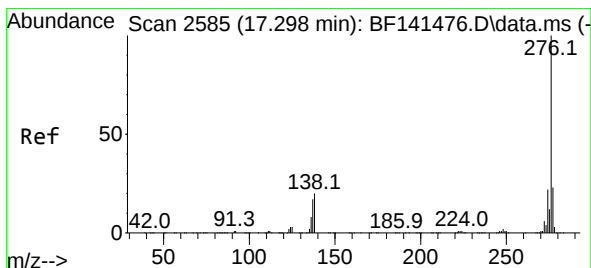
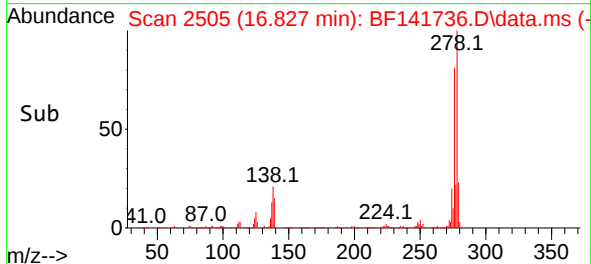
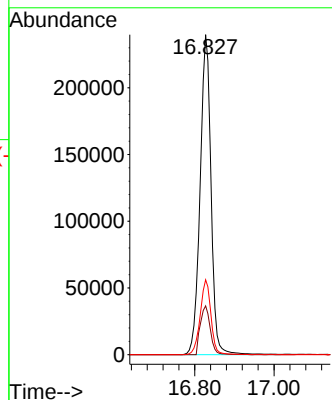
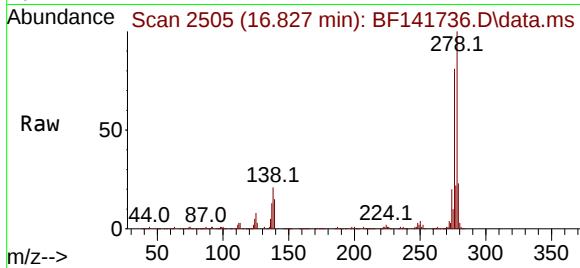




#91
Dibenzo(a,h)anthracene
Concen: 53.781 ng
RT: 16.827 min Scan# 21
Delta R.T. -0.064 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Tgt Ion:278 Resp: 458564
Ion Ratio Lower Upper
278 100
139 15.2 11.8 17.6
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.991 ng
RT: 17.251 min Scan# 2577
Delta R.T. -0.064 min
Lab File: BF141736.D
Acq: 24 Feb 2025 10:51

Tgt Ion:276 Resp: 446056
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 19.4 15.9 23.9

