

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141739.D
 Acq On : 24 Feb 2025 12:26
 Operator : RC/JU
 Sample : Q1397-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP8MSD

Quant Time: Feb 24 12:58:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	85075	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	332089	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	175539	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	288541	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	181181	20.000	ng	-0.02
86) Perylene-d12	15.380	264	201068	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	641022	118.126	ng	0.00
7) Phenol-d6	6.428	99	790344	115.231	ng	-0.01
23) Nitrobenzene-d5	7.345	82	524906	82.442	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	206844	117.300	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	967974	84.956	ng	-0.01
79) Terphenyl-d14	12.880	244	905597	84.380	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	96399	44.137	ng	94
3) Pyridine	3.287	79	216571	41.670	ng	94
4) n-Nitrosodimethylamine	3.234	42	132533	38.512	ng	90
6) Aniline	6.445	93	125150	19.452	ng	# 35
8) 2-Chlorophenol	6.569	128	252696	43.095	ng	100
9) Benzaldehyde	6.334	77	108324	29.721	ng	96
10) Phenol	6.440	94	302528	42.379	ng	86
11) bis(2-Chloroethyl)ether	6.516	93	233385	43.527	ng	100
12) 1,3-Dichlorobenzene	6.722	146	267305	43.181	ng	97
13) 1,4-Dichlorobenzene	6.798	146	274649	43.424	ng	99
14) 1,2-Dichlorobenzene	6.951	146	257604	43.884	ng	99
15) Benzyl Alcohol	6.928	79	213329	40.560	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	367849	40.077	ng	76
17) 2-Methylphenol	7.045	107	196730	42.873	ng	96
18) Hexachloroethane	7.287	117	101306	43.280	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	173224	42.223	ng	95
20) 3+4-Methylphenols	7.204	107	259604	44.517	ng	# 72
22) Acetophenone	7.192	105	388511	47.030	ng	# 91
24) Nitrobenzene	7.363	77	259434	41.786	ng	99
25) Isophorone	7.604	82	460640	45.375	ng	99
26) 2-Nitrophenol	7.681	139	138084	44.704	ng	94
27) 2,4-Dimethylphenol	7.722	122	199675	55.335	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	284389	43.717	ng	100
29) 2,4-Dichlorophenol	7.928	162	210794	43.235	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	229514	43.228	ng	99
31) Naphthalene	8.086	128	733689	42.443	ng	100
32) Benzoic acid	7.834	122	58314	15.558	ng	98
33) 4-Chloroaniline	8.145	127	43634	7.230	ng	97
34) Hexachlorobutadiene	8.198	225	139864	43.880	ng	99
35) Caprolactam	8.545	113	20056	13.511	ng	92
36) 4-Chloro-3-methylphenol	8.628	107	223751	41.430	ng	100
37) 2-Methylnaphthalene	8.775	142	466001	41.426	ng	99
38) 1-Methylnaphthalene	8.875	142	451763	41.466	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	252550	49.729	ng	98
41) Hexachlorocyclopentadiene	8.928	237	210675	124.721	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	141769	43.191	ng	98

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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	9.110	196	155456	43.701	ng	96
46) 1,1'-Biphenyl	9.239	154	669072	49.163	ng	99
47) 2-Chloronaphthalene	9.263	162	454786	45.191	ng	99
48) 2-Nitroaniline	9.363	65	147384	43.639	ng	97
49) Acenaphthylene	9.675	152	695208	46.445	ng	99
50) Dimethylphthalate	9.539	163	532348	44.672	ng	100
51) 2,6-Dinitrotoluene	9.604	165	116584	44.752	ng	98
52) Acenaphthene	9.845	154	438058	43.531	ng	99
53) 3-Nitroaniline	9.775	138	49764	17.748	ng	97
54) 2,4-Dinitrophenol	9.892	184	73574	47.519	ng	88
55) Dibenzofuran	10.022	168	626738	42.431	ng	98
56) 4-Nitrophenol	9.957	139	164713	79.135	ng	94
57) 2,4-Dinitrotoluene	10.010	165	154979	44.688	ng	98
58) Fluorene	10.363	166	503109	44.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	125780	41.069	ng	95
60) Diethylphthalate	10.239	149	508700	43.387	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	243325	44.286	ng	97
62) 4-Nitroaniline	10.392	138	112702	39.585	ng	95
63) Azobenzene	10.516	77	557394	47.820	ng	92
65) 4,6-Dinitro-2-methylph...	10.422	198	63631	31.746	ng	92
66) n-Nitrosodiphenylamine	10.475	169	437231	47.337	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	147446	45.722	ng	99
68) Hexachlorobenzene	10.910	284	156132	47.018	ng	99
69) Atrazine	11.004	200	160889	58.063	ng	99
70) Pentachlorophenol	11.110	266	126585	59.617	ng	99
71) Phenanthrene	11.327	178	781119	49.180	ng	100
72) Anthracene	11.375	178	747144	46.795	ng	100
73) Carbazole	11.533	167	630802	43.909	ng	100
74) Di-n-butylphthalate	11.863	149	740035	44.612	ng	99
75) Fluoranthene	12.510	202	782087	46.445	ng	100
77) Benzidine	12.639	184	186694	46.722	ng	98
78) Pyrene	12.739	202	755080	48.957	ng	99
80) Butylbenzylphthalate	13.357	149	245327	45.922	ng	99
81) Benzo(a)anthracene	13.927	228	582476	48.363	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	120813	35.018	ng	98
83) Chrysene	13.968	228	543563	48.879	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	309059	51.294	ng	99
85) Di-n-octyl phthalate	14.527	149	517732	60.233	ng	98
87) Indeno(1,2,3-cd)pyrene	16.821	276	631423	50.824	ng	99
88) Benzo(b)fluoranthene	14.968	252	612055	45.335	ng	99
89) Benzo(k)fluoranthene	14.992	252	491480	42.632	ng	100
90) Benzo(a)pyrene	15.321	252	546278	50.005	ng	98
91) Dibenzo(a,h)anthracene	16.833	278	498550	49.524	ng	99
92) Benzo(g,h,i)perylene	17.251	276	489001	46.419	ng	100

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

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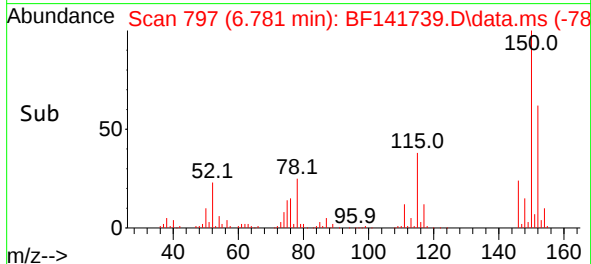
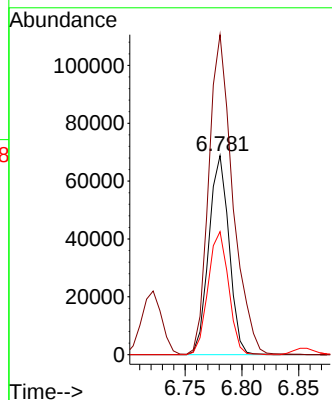
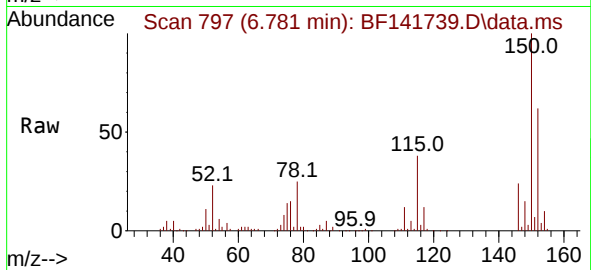




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141739.D
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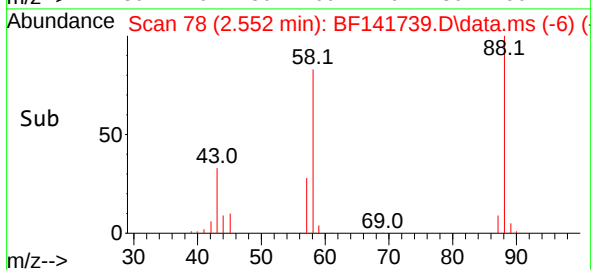
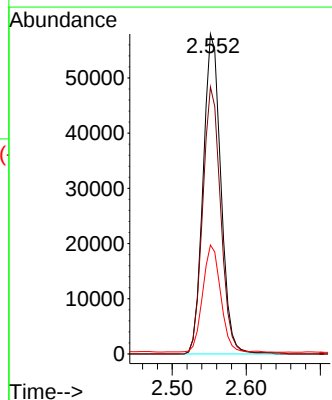
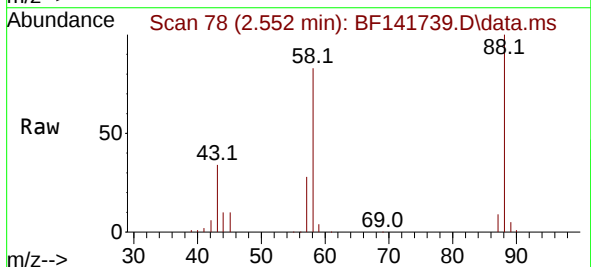
Instrument :
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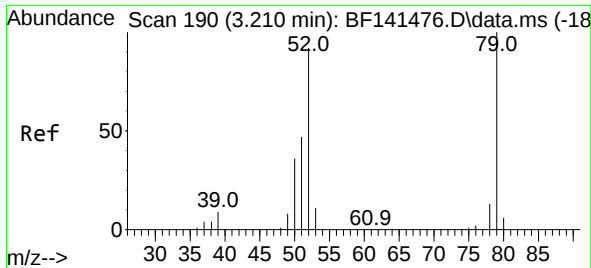
Tgt Ion:152 Resp: 85075
 Ion Ratio Lower Upper
 152 100
 150 160.8 125.0 187.4
 115 61.8 53.6 80.4



#2
 1,4-Dioxane
 Concen: 44.137 ng
 RT: 2.552 min Scan# 78
 Delta R.T. 0.071 min
 Lab File: BF141739.D
 Acq: 24 Feb 2025 12:26

Tgt Ion: 88 Resp: 96399
 Ion Ratio Lower Upper
 88 100
 58 84.4 71.1 106.7
 43 33.6 30.6 46.0





#3

Pyridine

Concen: 41.670 ng

RT: 3.287 min Scan# 20

Delta R.T. 0.071 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

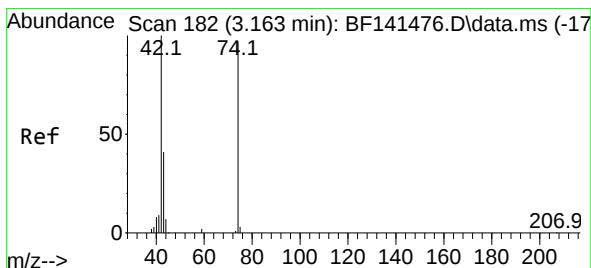
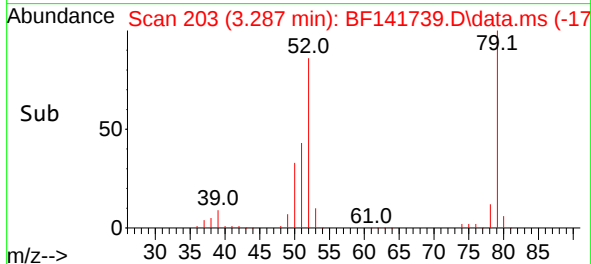
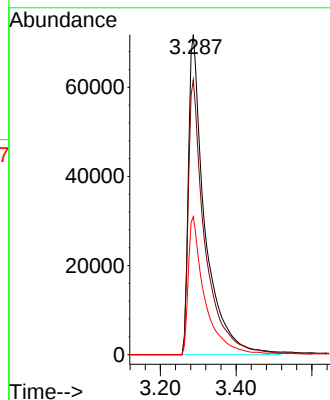
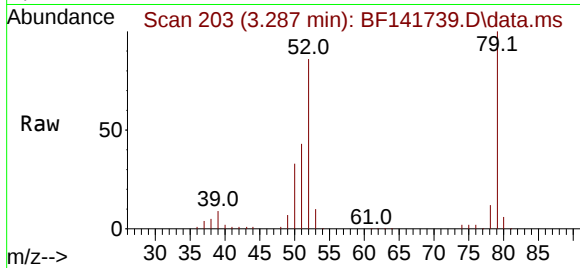
Tgt Ion: 79 Resp: 216571

Ion Ratio Lower Upper

79 100

52 85.9 73.7 110.5

51 43.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.512 ng

RT: 3.234 min Scan# 194

Delta R.T. 0.047 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

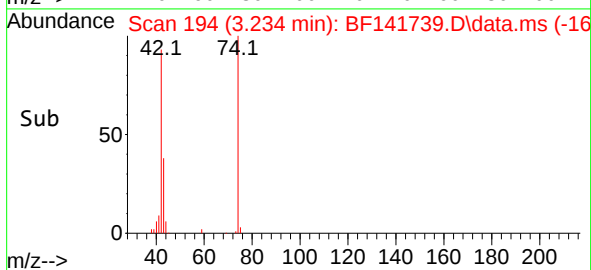
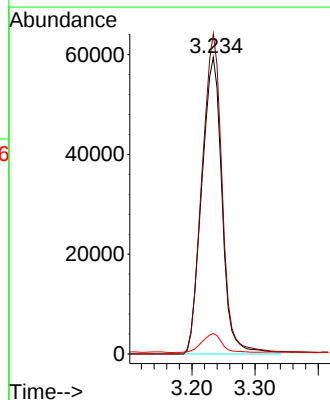
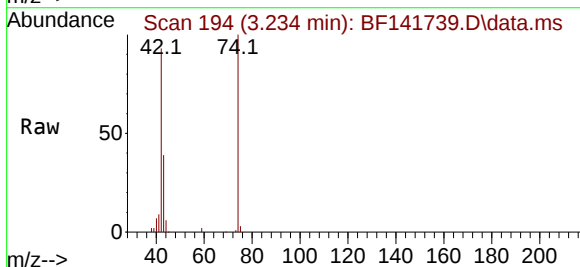
Tgt Ion: 42 Resp: 132533

Ion Ratio Lower Upper

42 100

74 107.8 78.0 117.0

44 6.9 5.4 8.2

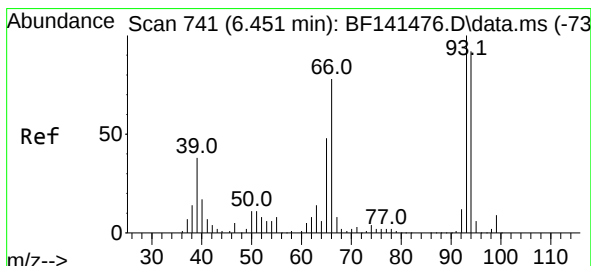
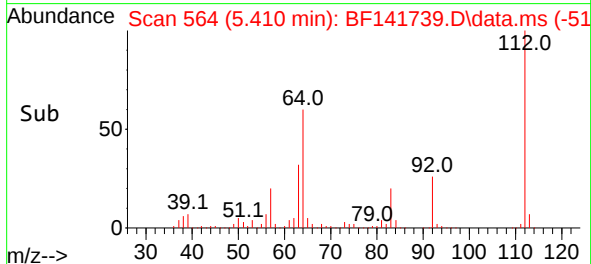
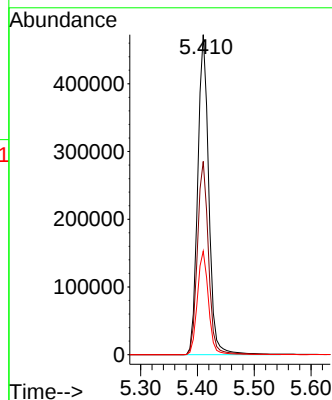
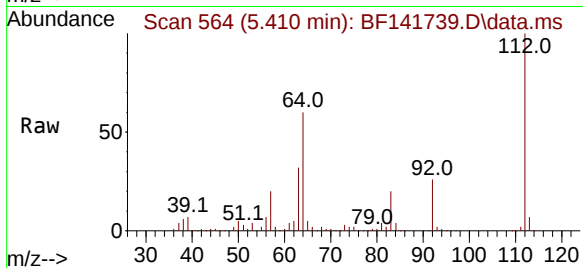




#5
2-Fluorophenol
Concen: 118.126 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

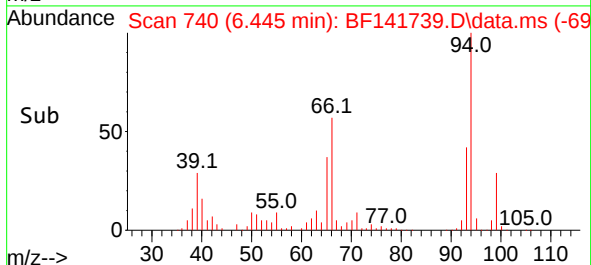
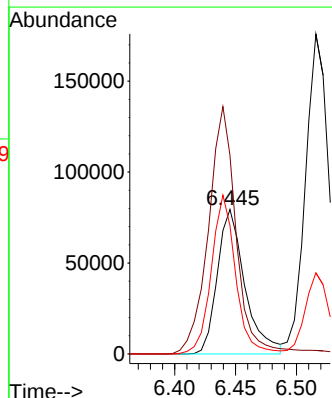
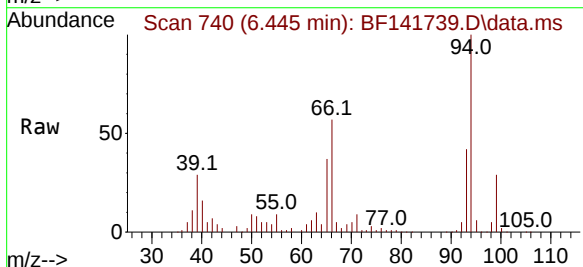
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Tgt Ion:112 Resp: 641022
Ion Ratio Lower Upper
112 100
64 60.4 51.1 76.7
63 32.4 28.4 42.6



#6
Aniline
Concen: 19.452 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion: 93 Resp: 125150
Ion Ratio Lower Upper
93 100
66 137.6 62.6 94.0#
65 88.8 38.3 57.5#

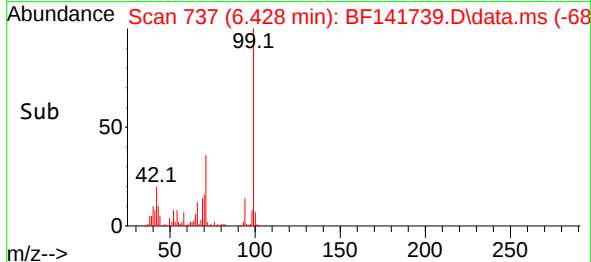
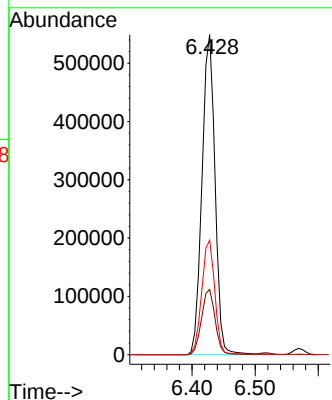
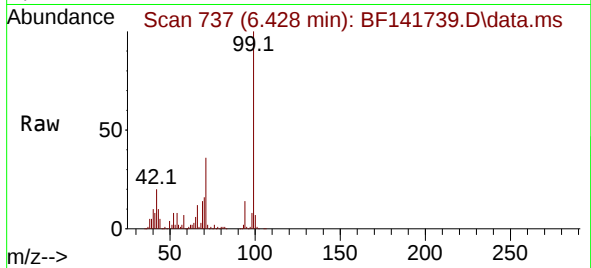




#7
Phenol-d6
Concen: 115.231 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

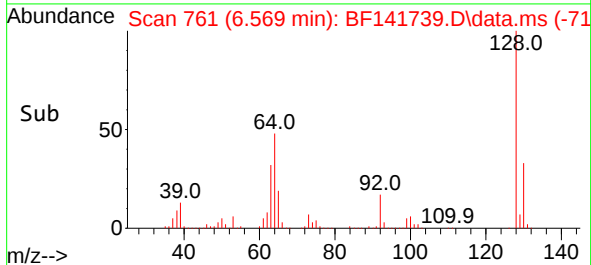
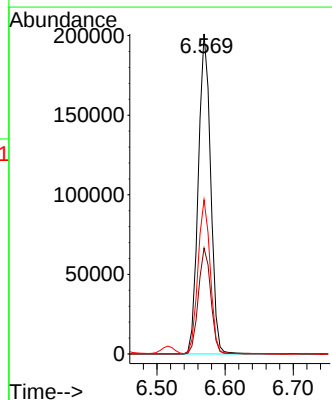
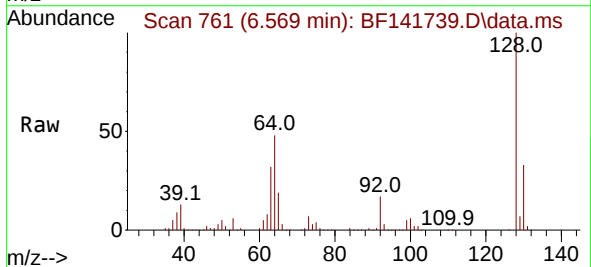
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion: 99 Resp: 790344
Ion Ratio Lower Upper
99 100
42 20.4 19.1 28.7
71 35.8 31.1 46.7



#8
2-Chlorophenol
Concen: 43.095 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:128 Resp: 252696
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 48.2 28.3 68.3





#9

Benzaldehyde

Concen: 29.721 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

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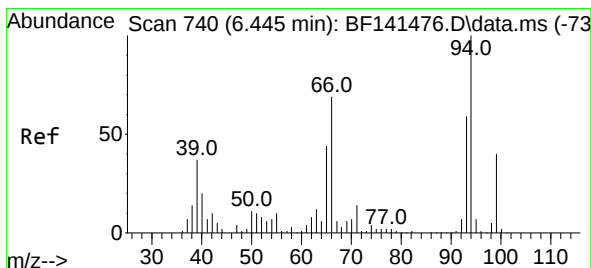
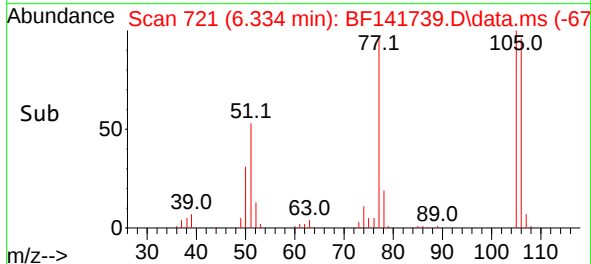
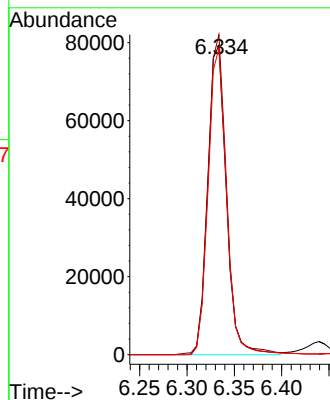
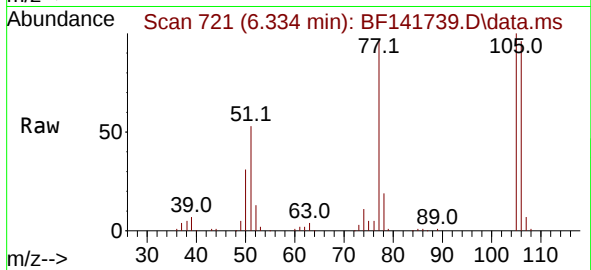
Tgt Ion: 77 Resp: 108324

Ion Ratio Lower Upper

77 100

105 103.4 79.4 119.4

106 99.1 75.1 115.1



#10

Phenol

Concen: 42.379 ng

RT: 6.440 min Scan# 739

Delta R.T. -0.018 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

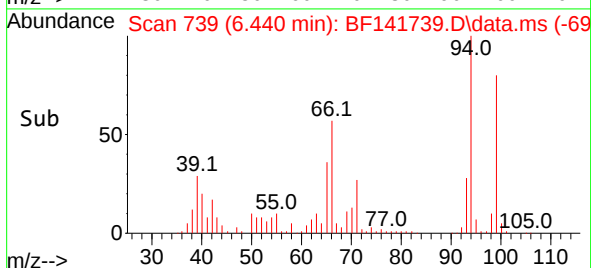
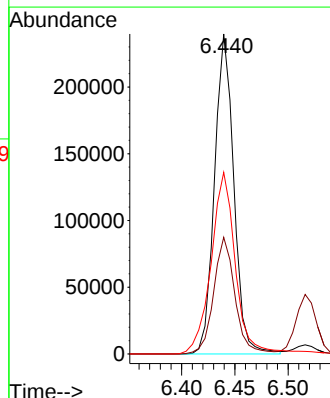
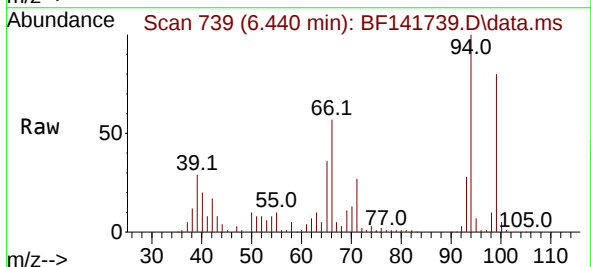
Tgt Ion: 94 Resp: 302528

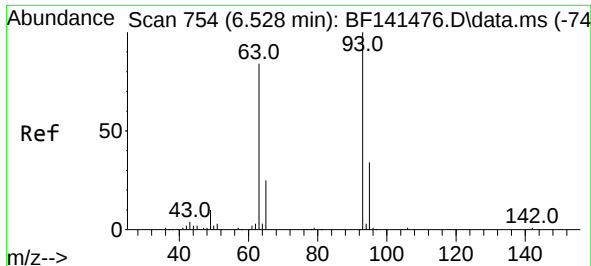
Ion Ratio Lower Upper

94 100

65 36.4 23.7 63.7

66 56.7 49.3 89.3

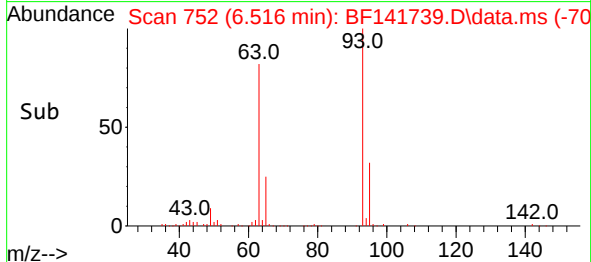
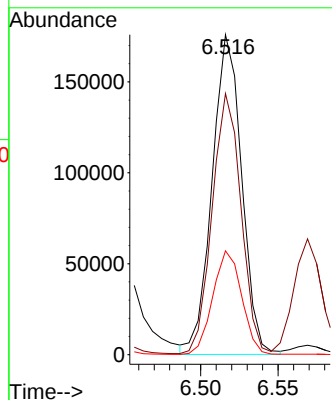
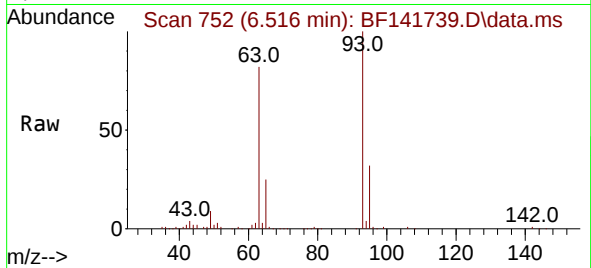




#11
bis(2-Chloroethyl)ether
Concen: 43.527 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141739.D
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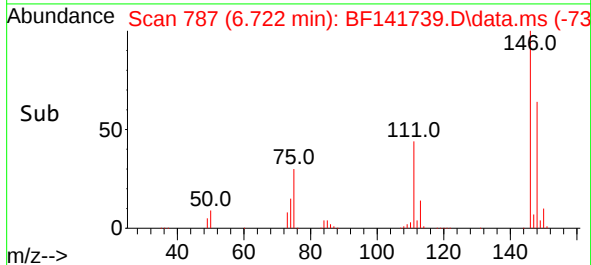
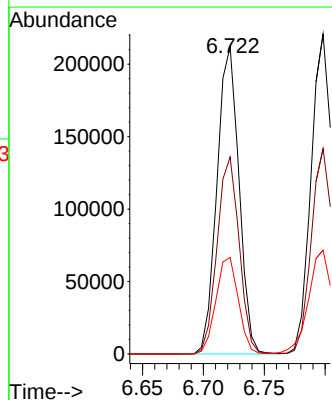
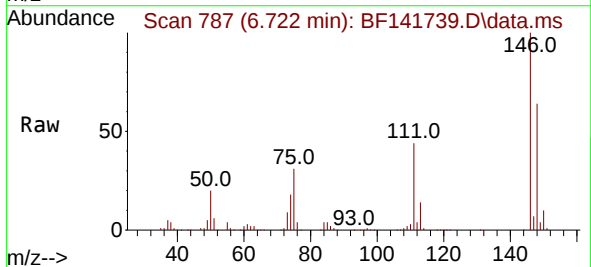
Instrument :
BNA_F
ClientSampleId :
TP8MSD

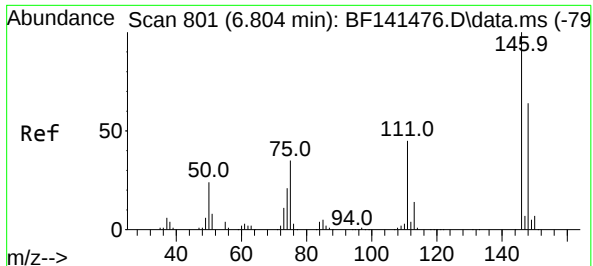
Tgt Ion: 93 Resp: 233385
Ion Ratio Lower Upper
93 100
63 81.6 62.0 102.0
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.181 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:146 Resp: 267305
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 31.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.424 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

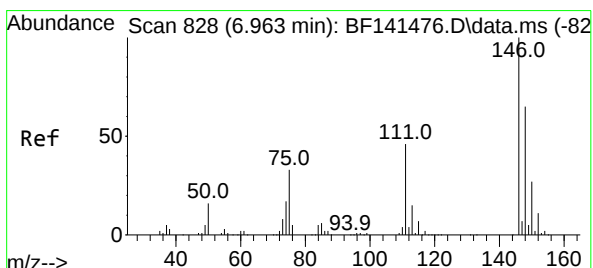
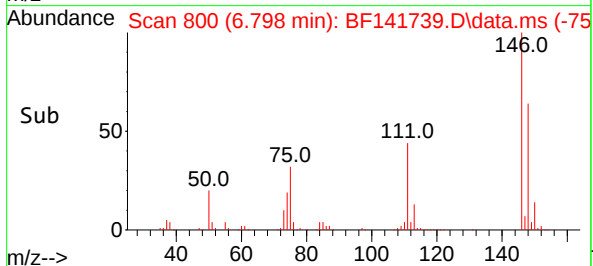
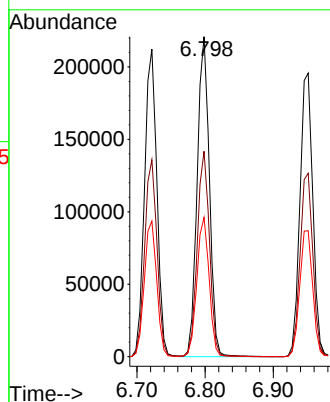
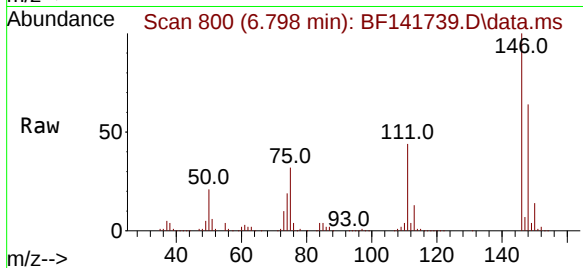
Tgt Ion:146 Resp: 274649

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

111 43.5 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 43.884 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

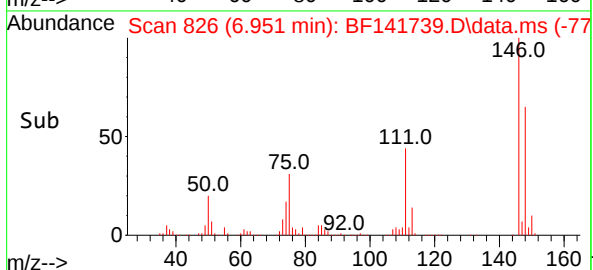
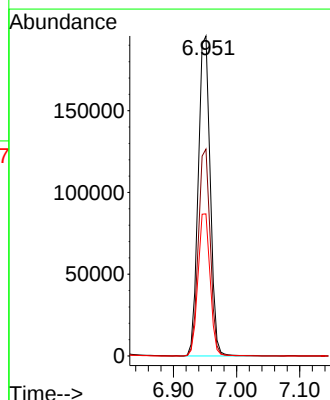
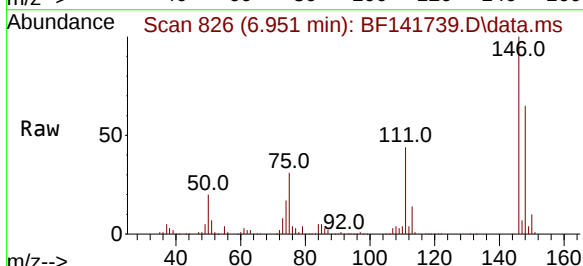
Tgt Ion:146 Resp: 257604

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

111 44.4 37.0 55.4

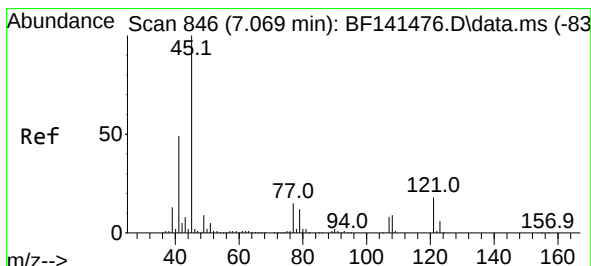
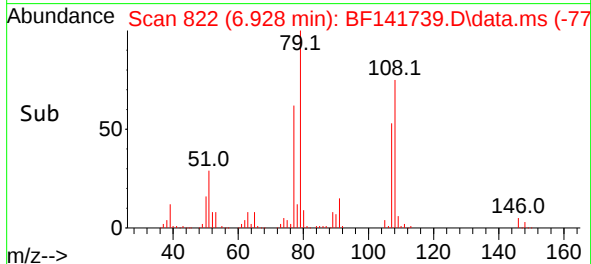
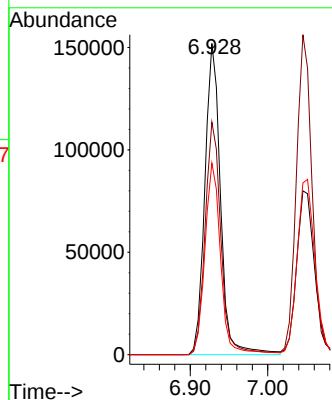
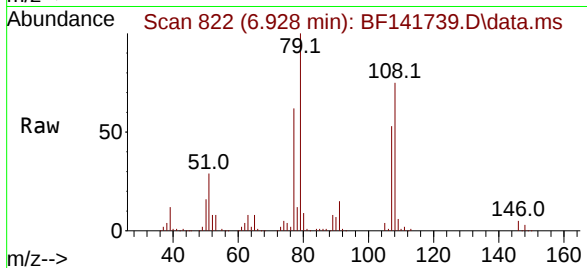




#15
Benzyl Alcohol
Concen: 40.560 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

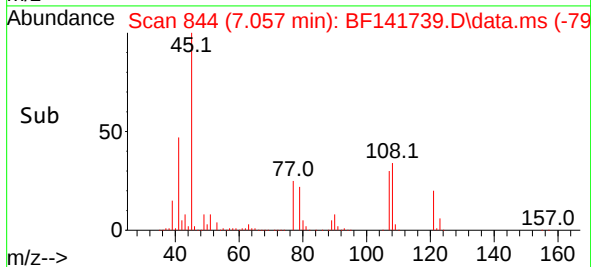
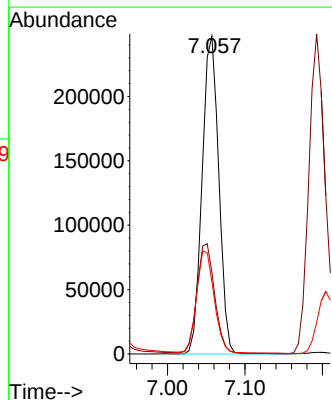
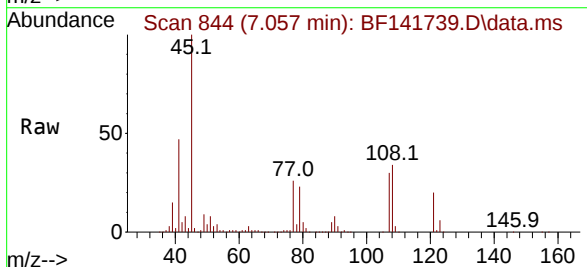
Instrument :
BNA_F
ClientSampleId :
TP8MSD

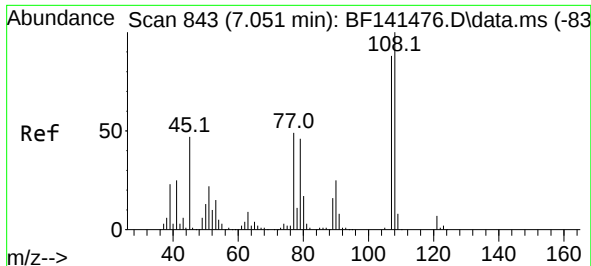
Tgt Ion: 79 Resp: 213329
Ion Ratio Lower Upper
79 100
108 74.7 57.4 86.2
77 61.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.077 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion: 45 Resp: 367849
Ion Ratio Lower Upper
45 100
77 25.7 0.0 35.8
79 22.8 0.0 32.7

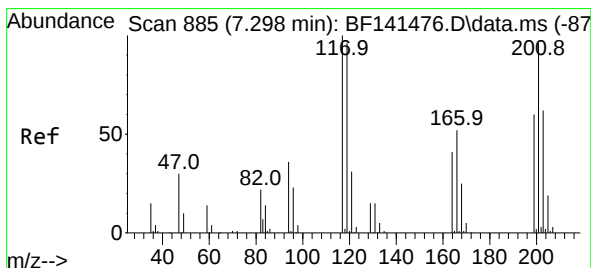
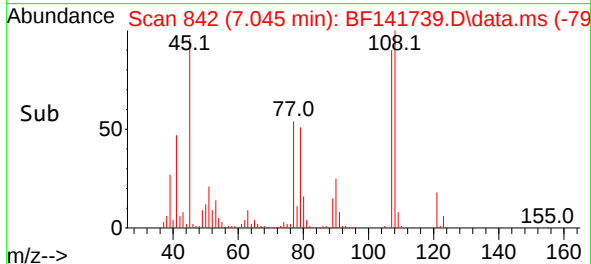
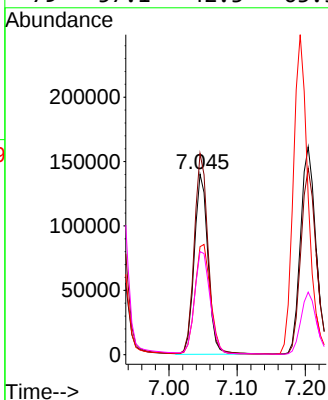
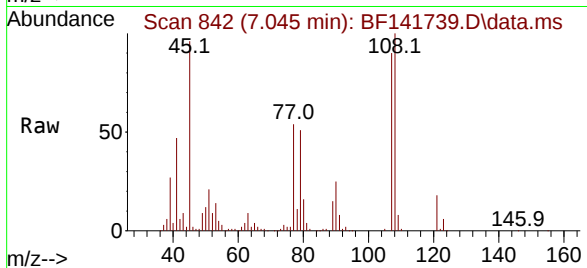




#17
2-Methylphenol
Concen: 42.873 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

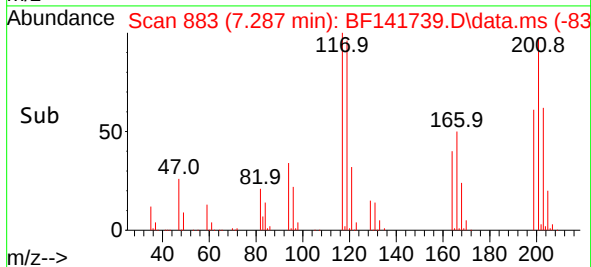
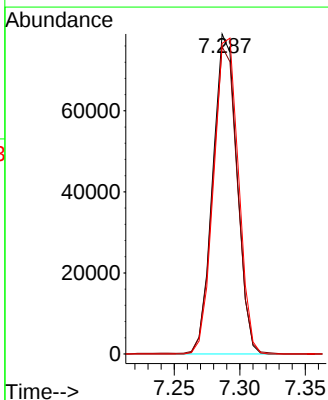
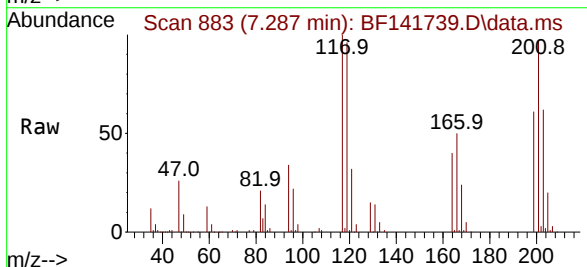
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:107 Resp: 196730
Ion Ratio Lower Upper
107 100
108 111.5 90.6 136.0
77 59.8 44.4 66.6
79 57.1 42.3 63.5



#18
Hexachloroethane
Concen: 43.280 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:117 Resp: 101306
Ion Ratio Lower Upper
117 100
119 96.0 76.5 114.7
201 97.1 76.7 115.1



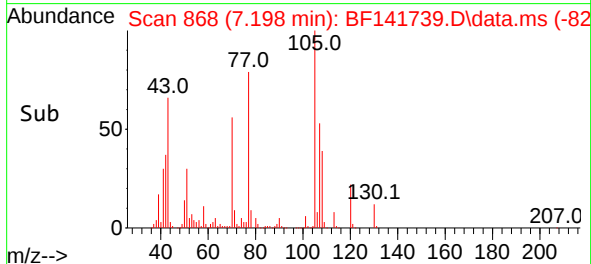
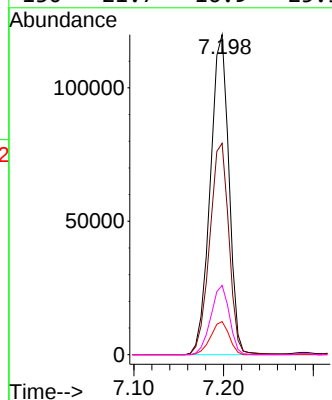
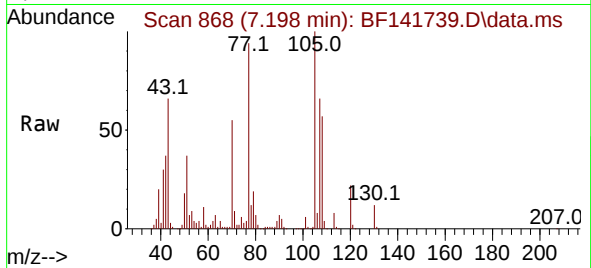


#19
n-Nitroso-di-n-propylamine
Concen: 42.223 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion: 70 Resp: 173224

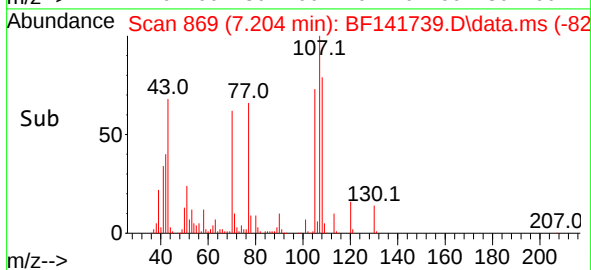
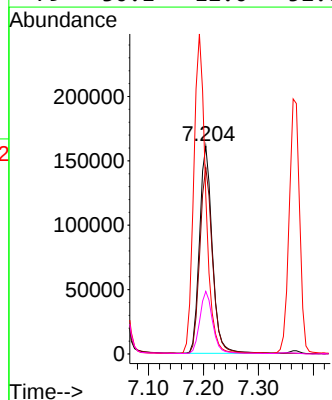
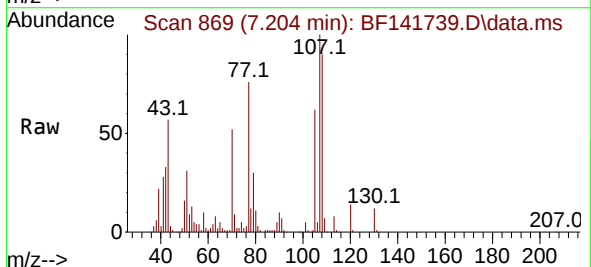
Ion	Ratio	Lower	Upper
70	100		
42	66.0	57.4	86.2
101	10.4	8.0	12.0
130	21.7	16.9	25.3

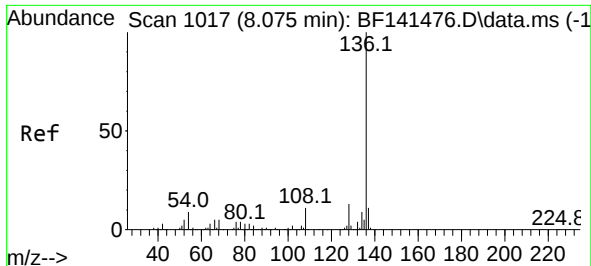


#20
3+4-Methylphenols
Concen: 44.517 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion: 107 Resp: 259604

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.5	108.5
77	76.0	116.5	156.5#
79	30.1	12.0	52.0

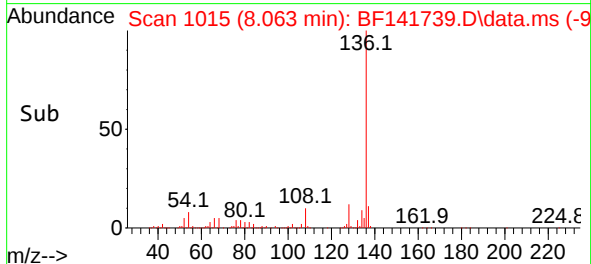
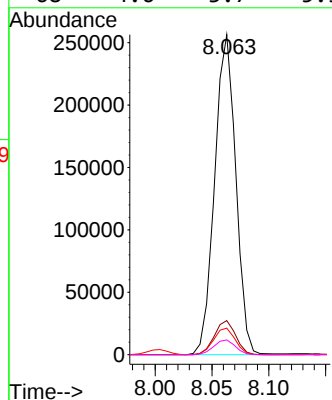
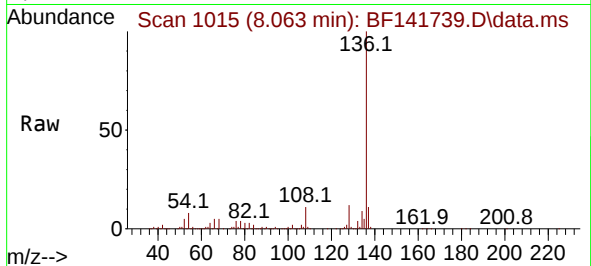




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

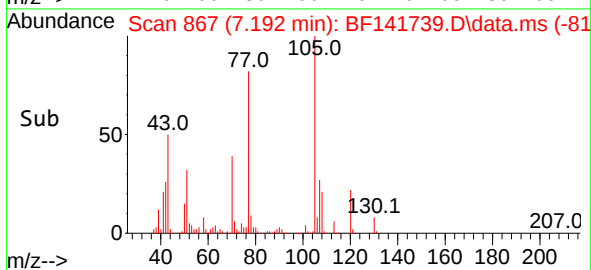
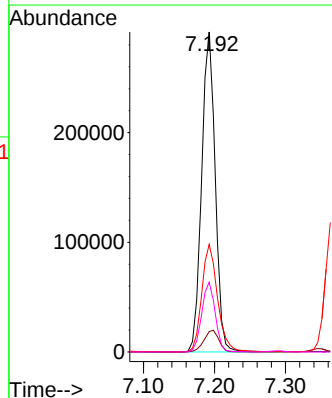
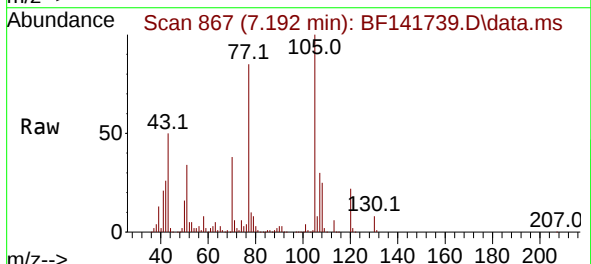
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:136	Resp: 332089
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 8.3	7.2 10.8
68 4.6	3.7 5.5



#22
Acetophenone
Concen: 47.030 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt	Ion:105	Resp:	388511
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.7	8.5
51	33.6	33.7	50.5#
120	21.8	17.0	25.6





#23

Nitrobenzene-d5

Concen: 82.442 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

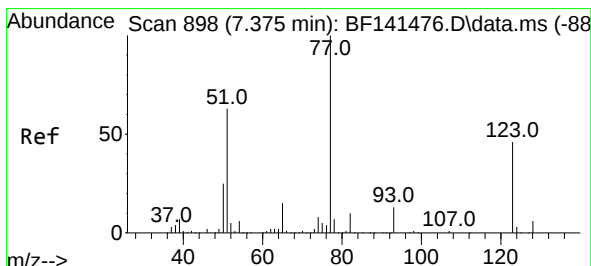
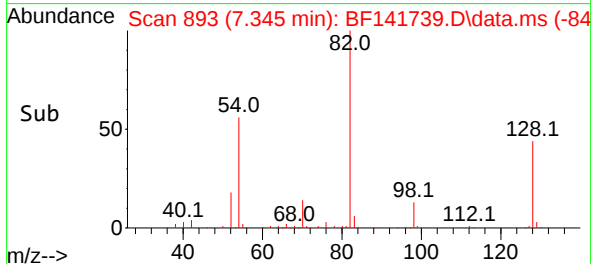
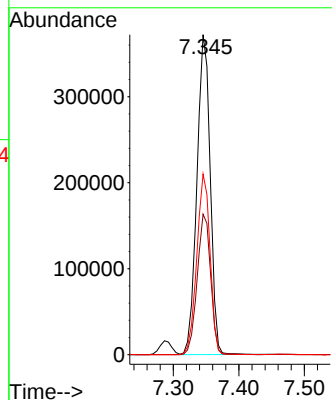
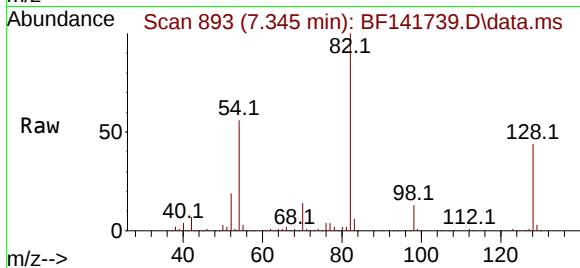
Tgt Ion: 82 Resp: 524906

Ion Ratio Lower Upper

82 100

128 43.9 34.8 52.2

54 56.4 48.2 72.4



#24

Nitrobenzene

Concen: 41.786 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

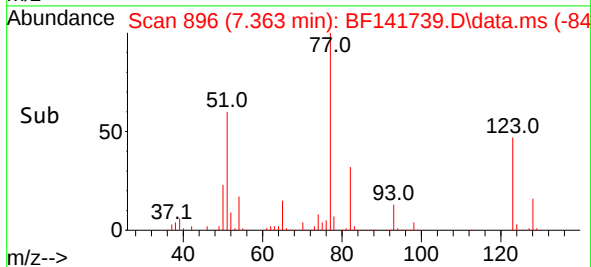
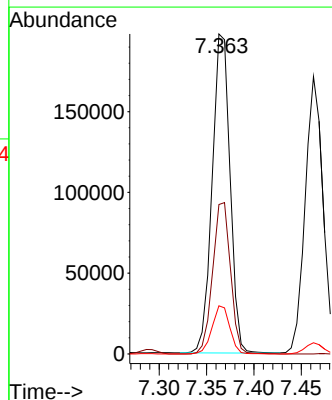
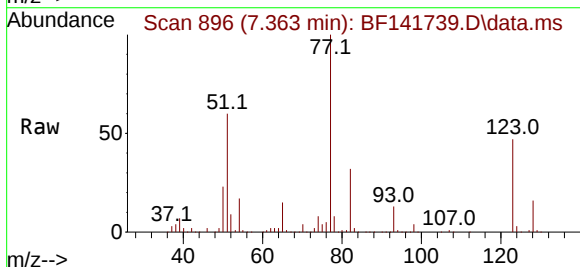
Tgt Ion: 77 Resp: 259434

Ion Ratio Lower Upper

77 100

123 46.7 36.9 55.3

65 15.0 11.9 17.9

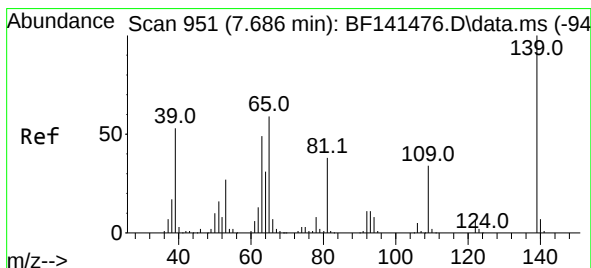
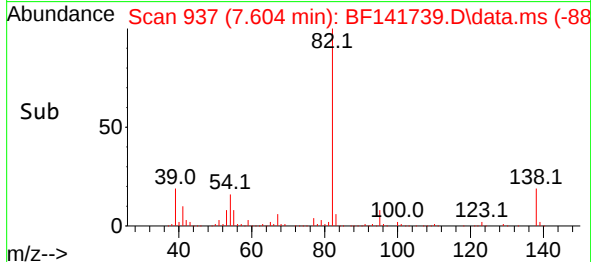
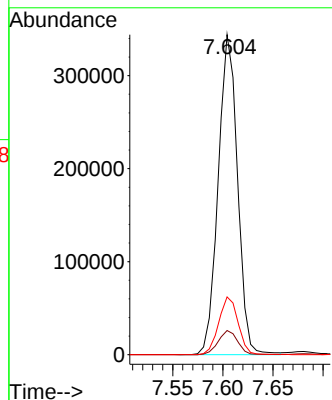
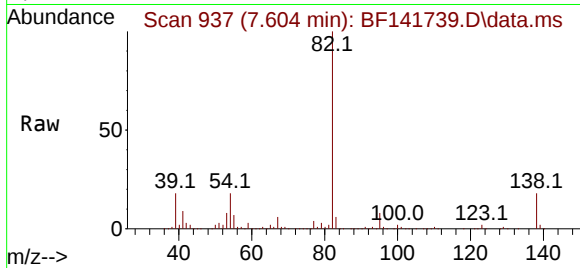




#25
Isophorone
Concen: 45.375 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

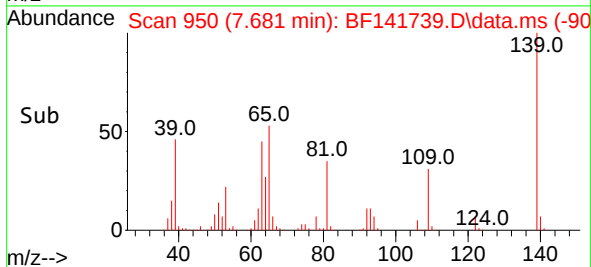
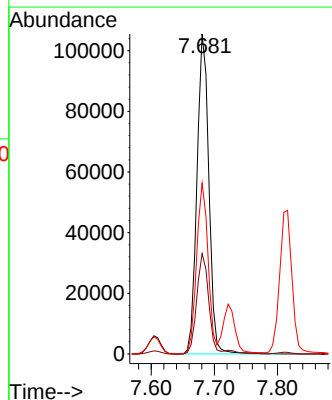
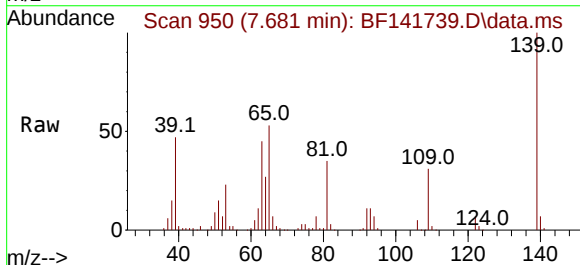
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion: 82 Resp: 460640
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 44.704 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion: 139 Resp: 138084
Ion Ratio Lower Upper
139 100
109 31.3 27.0 40.6
65 53.3 47.1 70.7

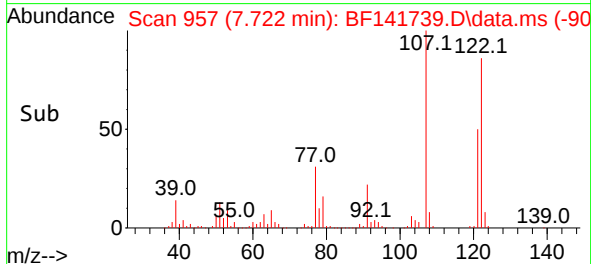
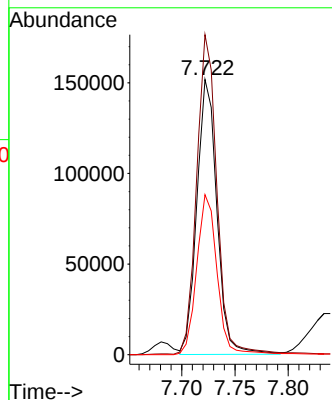
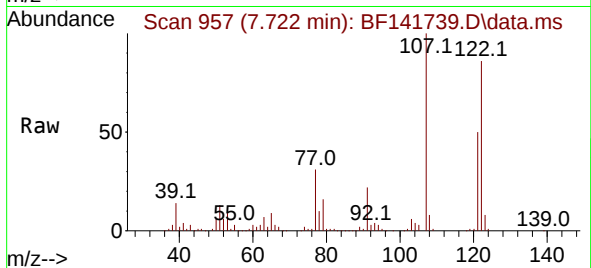




#27
2,4-Dimethylphenol
Concen: 55.335 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

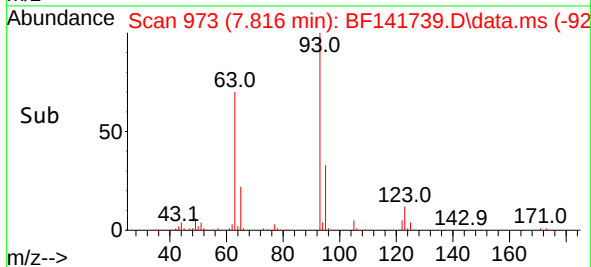
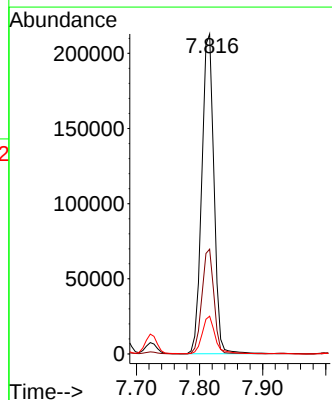
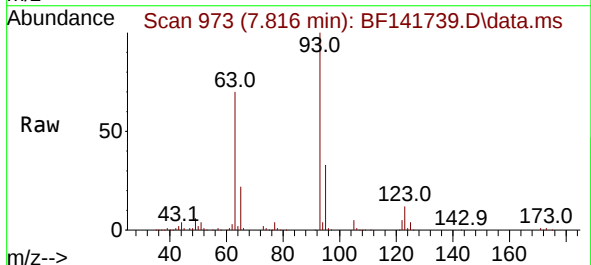
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:122 Resp: 199675
Ion Ratio Lower Upper
122 100
107 116.3 94.3 141.5
121 58.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.717 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion: 93 Resp: 284389
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.8 9.5 14.3

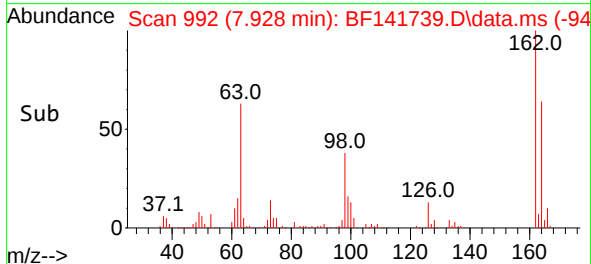
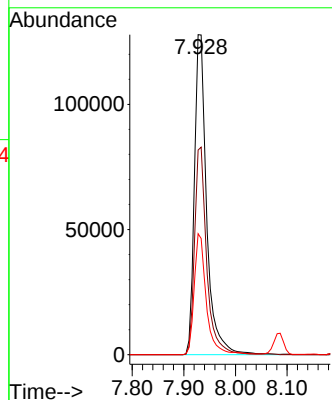
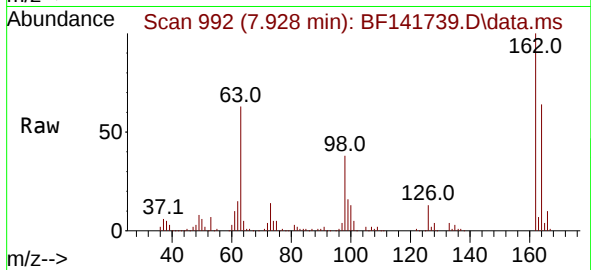




#29
2,4-Dichlorophenol
Concen: 43.235 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

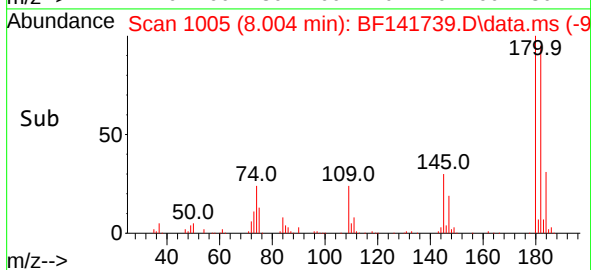
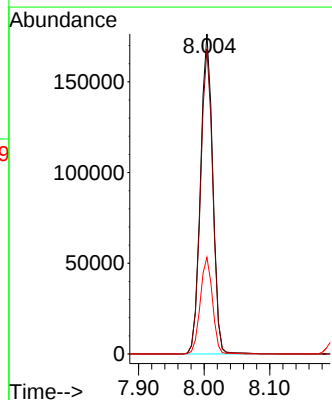
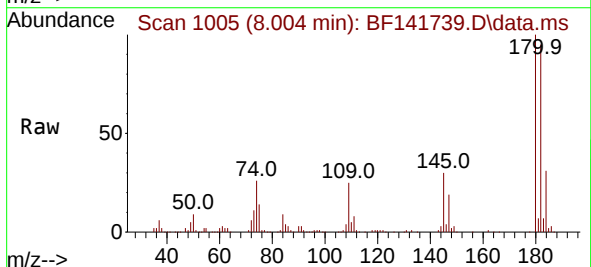
Instrument :
BNA_F
ClientSampleId :
TP8MSD

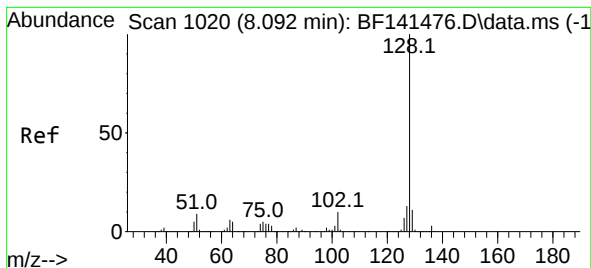
Tgt Ion:162 Resp: 210794
Ion Ratio Lower Upper
162 100
164 64.0 44.6 84.6
98 37.8 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 43.228 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:180 Resp: 229514
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 30.2 24.2 36.4





#31

Naphthalene

Concen: 42.443 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

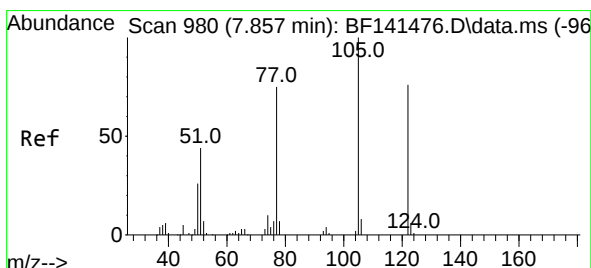
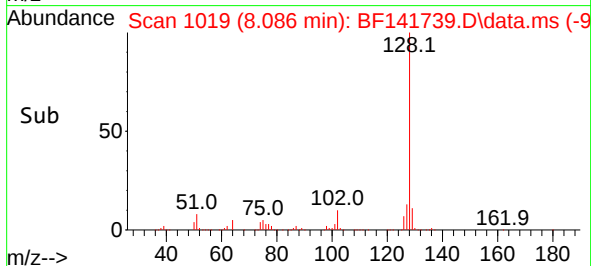
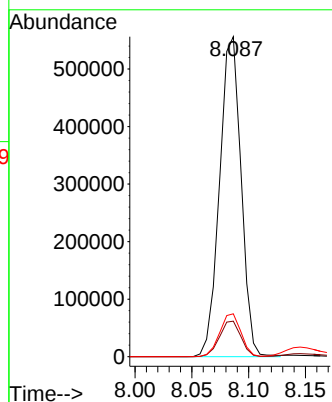
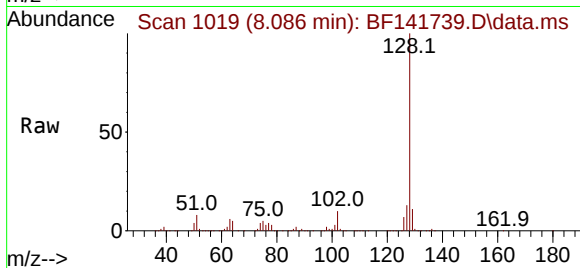
Tgt Ion:128 Resp: 733689

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 15.558 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.059 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

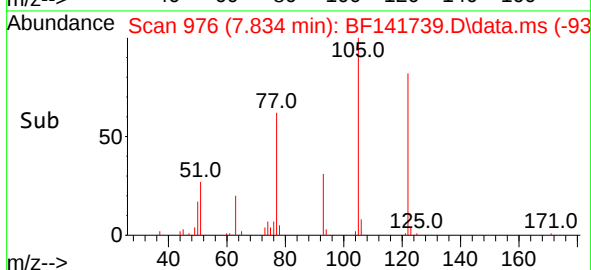
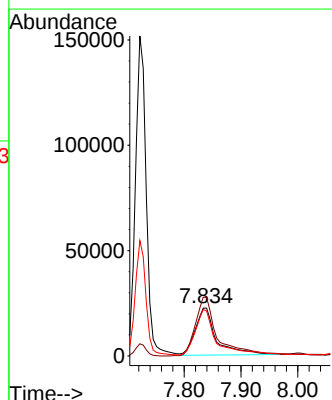
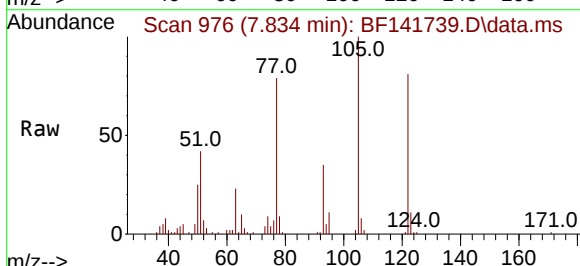
Tgt Ion:122 Resp: 58314

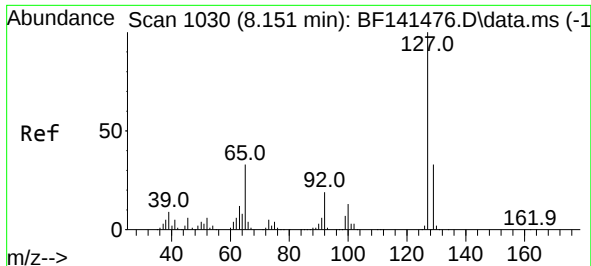
Ion Ratio Lower Upper

122 100

105 122.7 106.5 146.5

77 96.8 76.3 116.3

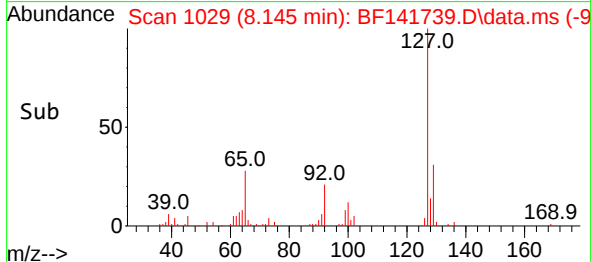
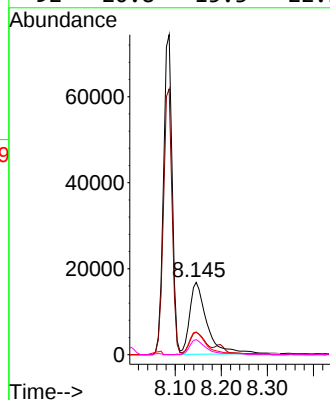
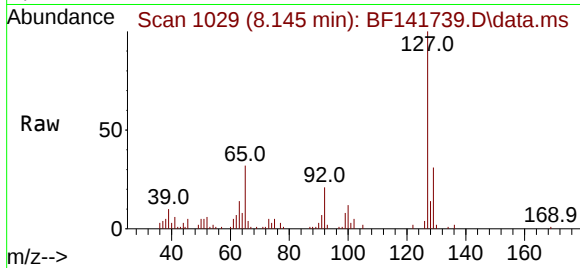




#33
4-Chloroaniline
Concen: 7.230 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

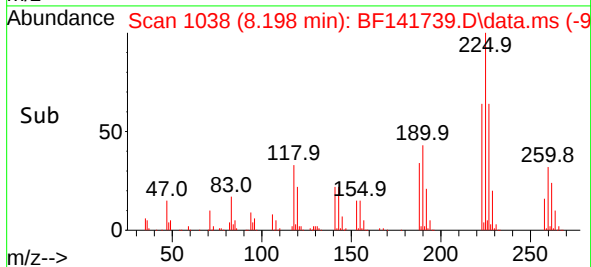
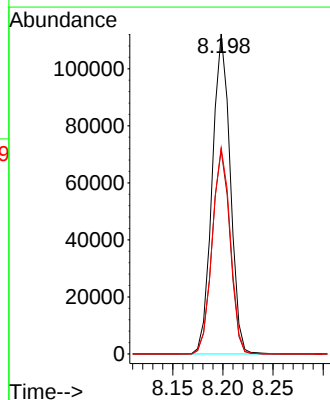
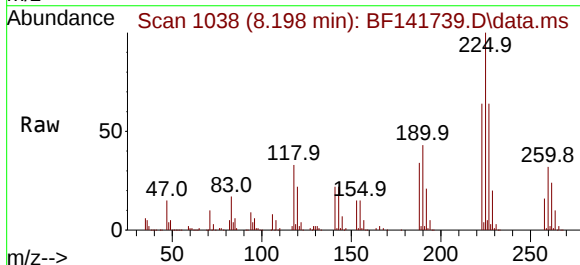
Instrument :
BNA_F
ClientSampleId :
TP8MSD

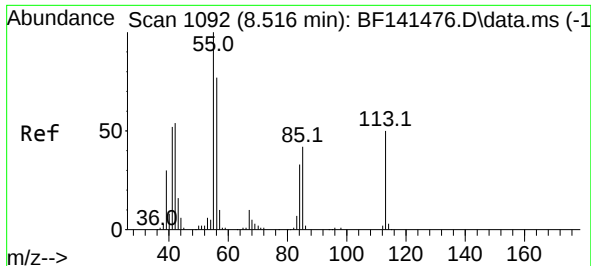
Tgt Ion:	127	Resp:	43634
Ion Ratio	Lower	Upper	
127	100		
129	31.1	26.5	39.7
65	31.5	26.4	39.6
92	20.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.880 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:	225	Resp:	139864
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.1	75.1
227	64.5	51.0	76.6

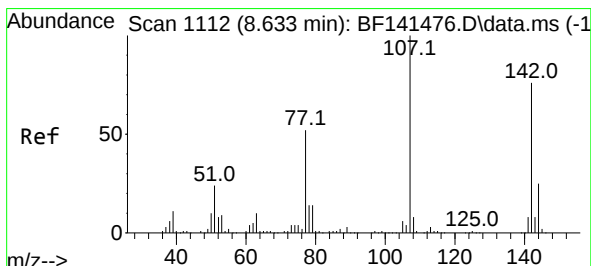
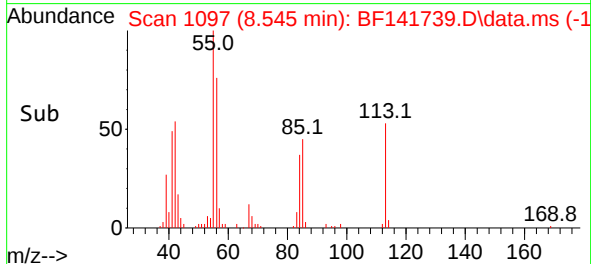
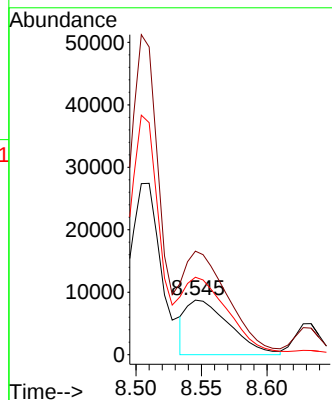
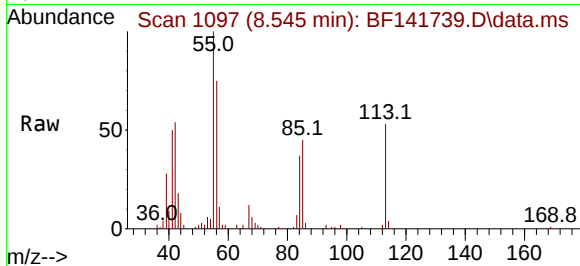




#35
 Caprolactam
 Concen: 13.511 ng
 RT: 8.545 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: BF141739.D
 Acq: 24 Feb 2025 12:26

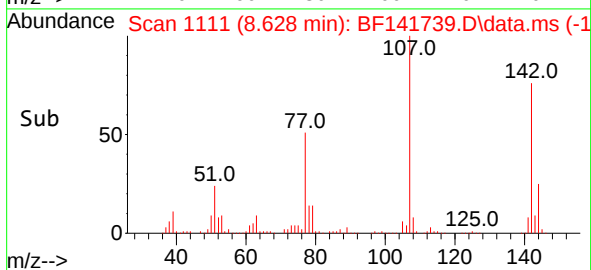
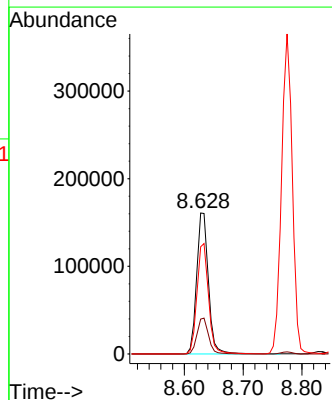
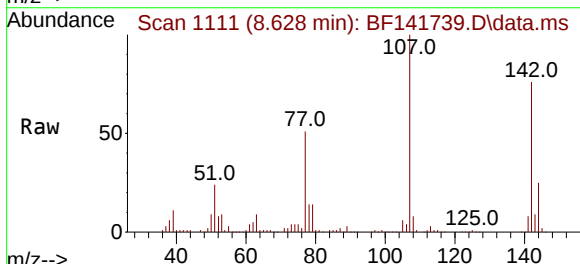
Instrument :
 BNA_F
 ClientSampleId :
 TP8MSD

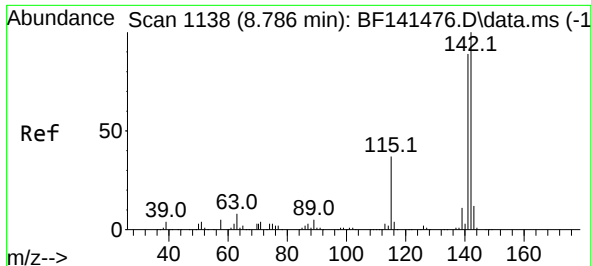
Tgt Ion:113 Resp: 20056
 Ion Ratio Lower Upper
 113 100
 55 190.1 180.8 220.8
 56 142.2 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.430 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141739.D
 Acq: 24 Feb 2025 12:26

Tgt Ion:107 Resp: 223751
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.7 29.5
 142 76.0 60.8 91.2

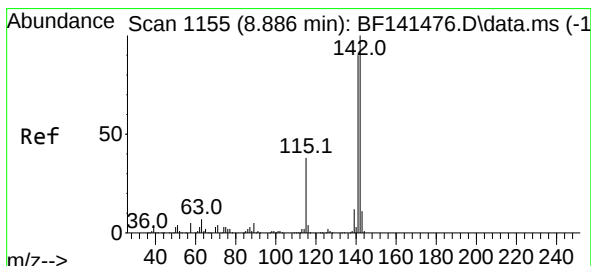
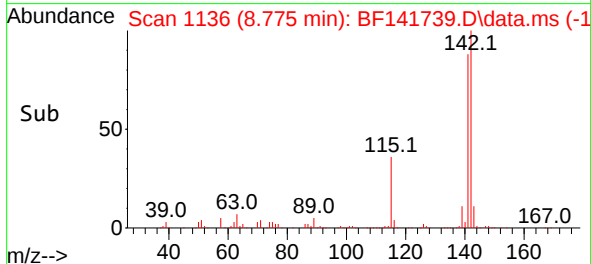
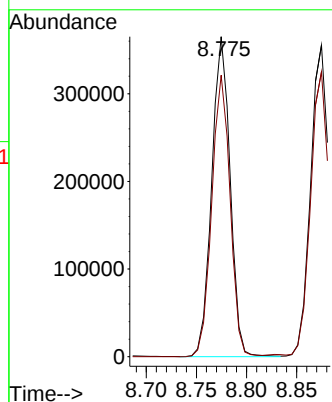
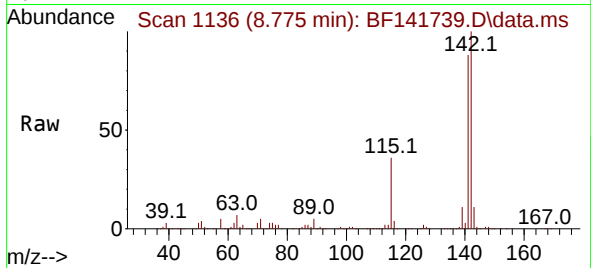




#37
2-Methylnaphthalene
Concen: 41.426 ng
RT: 8.775 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

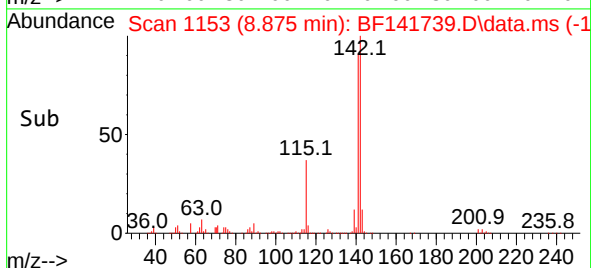
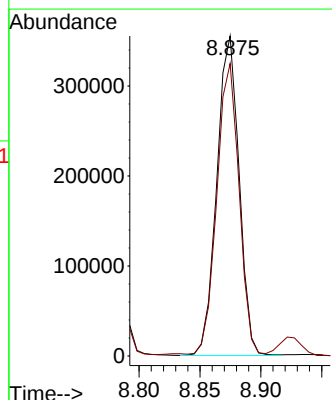
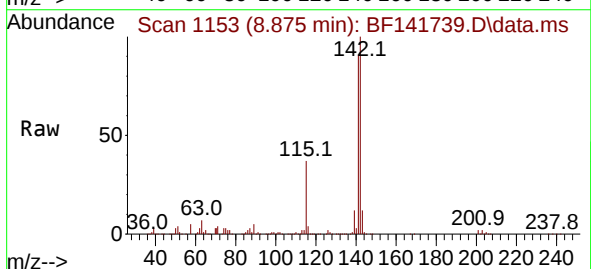
Instrument :
BNA_F
ClientSampleId :
TP8MSD

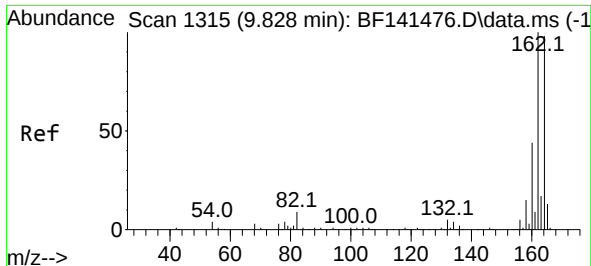
Tgt Ion:142 Resp: 466001
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8



#38
1-Methylnaphthalene
Concen: 41.466 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:142 Resp: 451763
Ion Ratio Lower Upper
142 100
141 91.4 72.1 108.1

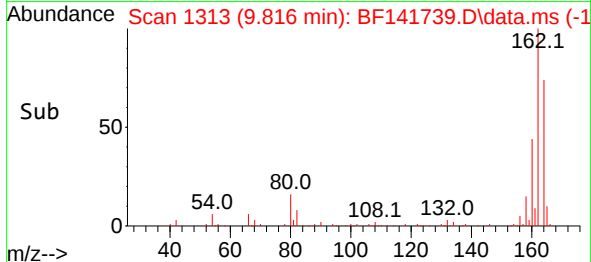
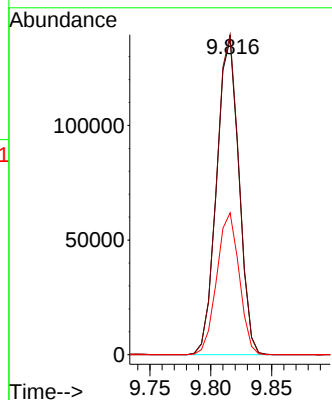
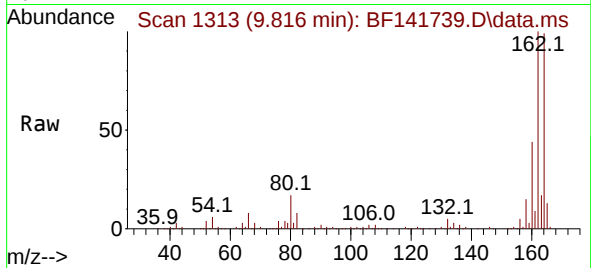




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

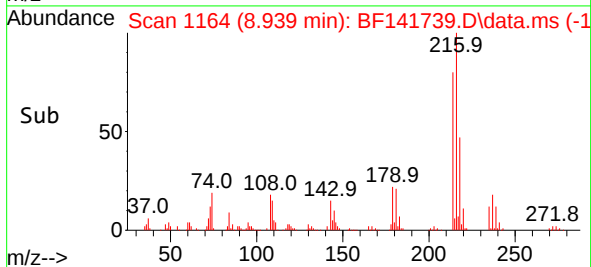
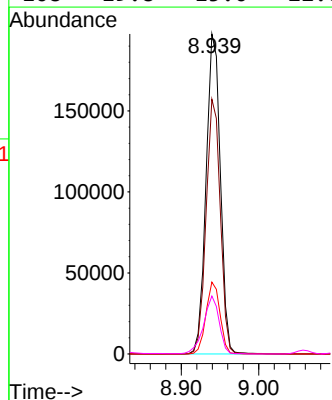
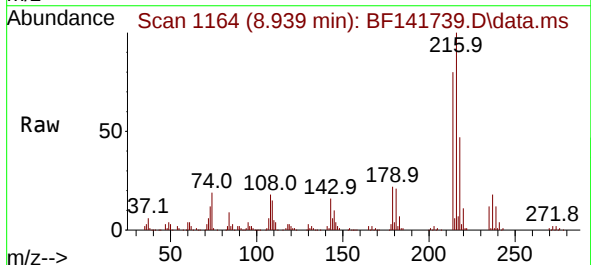
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:164 Resp: 175539
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 44.9 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.729 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:216 Resp: 252550
Ion Ratio Lower Upper
216 100
214 79.3 62.3 93.5
179 22.0 18.0 27.0
108 19.8 15.0 22.6

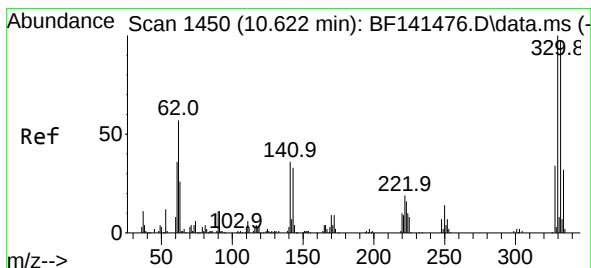
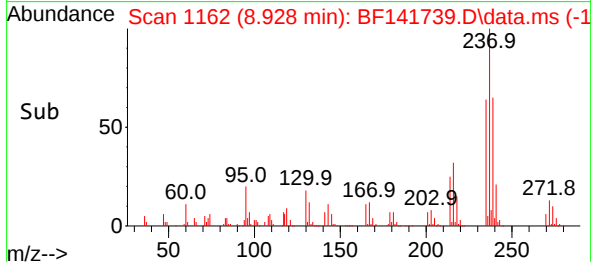
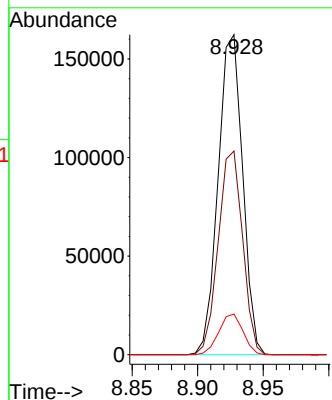
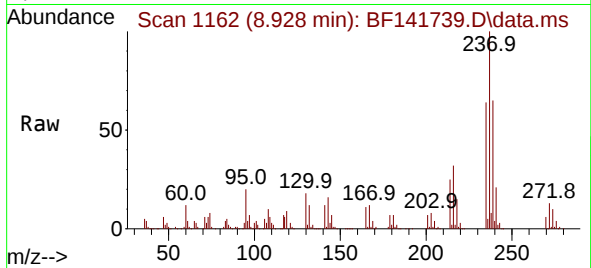




#41
Hexachlorocyclopentadiene
Concen: 124.721 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

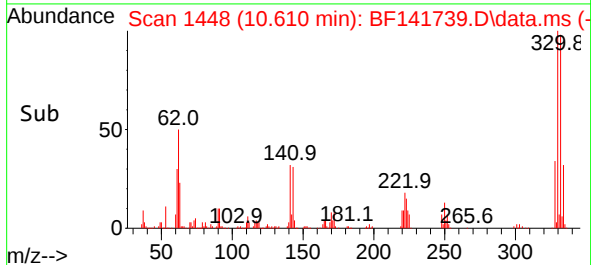
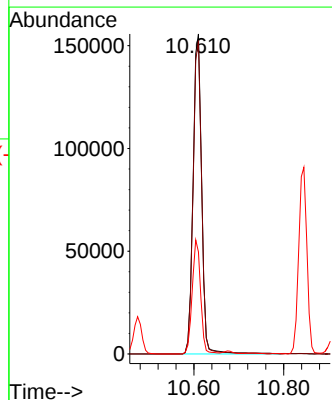
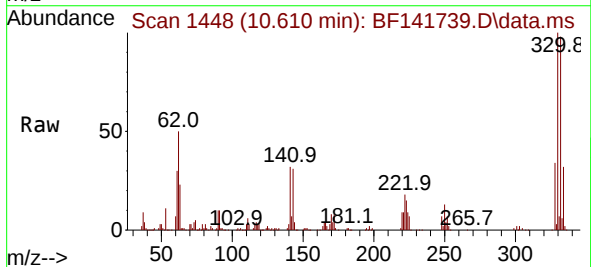
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:237 Resp: 210675
Ion Ratio Lower Upper
237 100
235 63.7 41.4 81.4
272 12.7 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 117.300 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

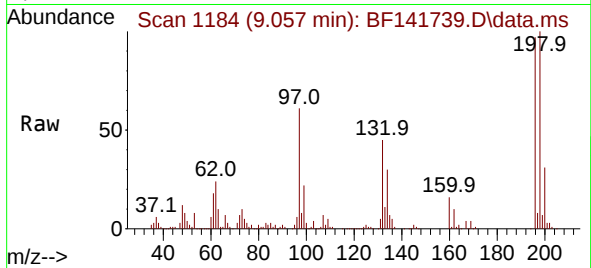
Tgt Ion:330 Resp: 206844
Ion Ratio Lower Upper
330 100
332 97.5 78.5 117.7
141 34.9 31.0 46.4



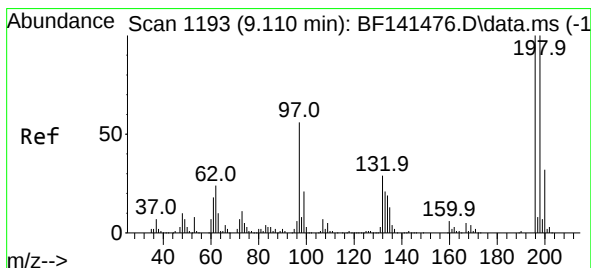
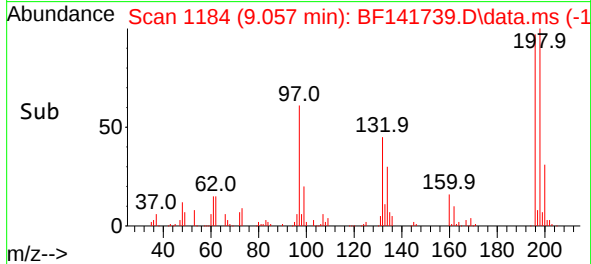
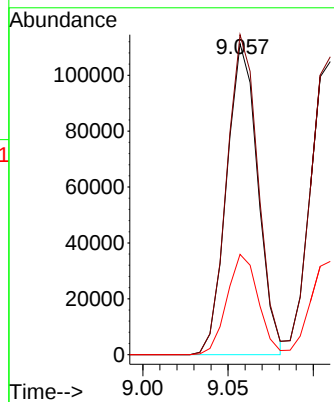


#43
2,4,6-Trichlorophenol
Concen: 43.191 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
TP8MSD

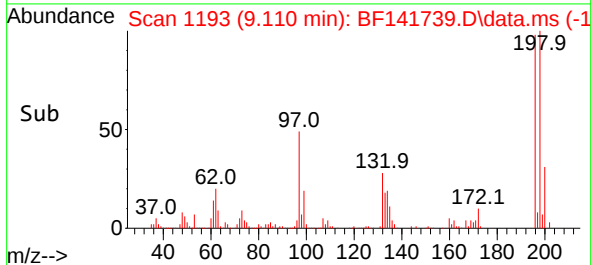
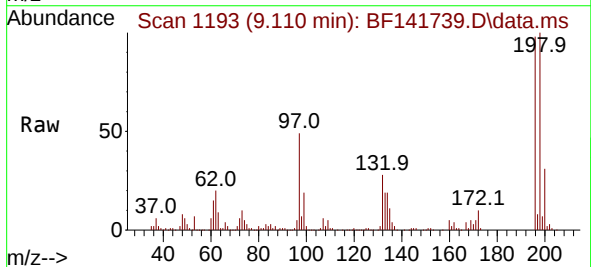
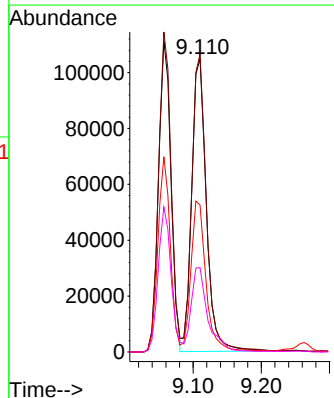


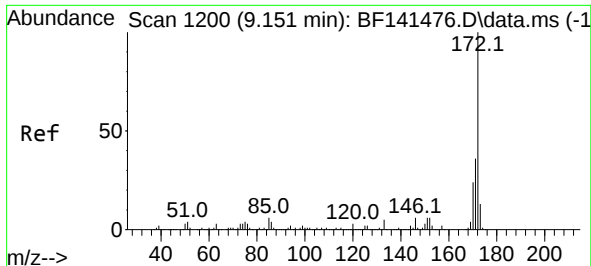
Tgt Ion:196 Resp: 141769
Ion Ratio Lower Upper
196 100
198 102.9 80.6 121.0
200 32.2 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 43.701 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:196 Resp: 155456
Ion Ratio Lower Upper
196 100
198 101.6 79.8 119.8
97 50.1 44.8 67.2
132 28.8 23.9 35.9

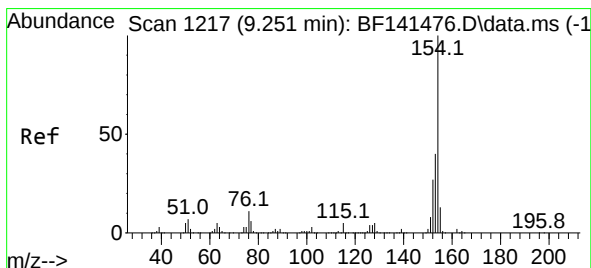
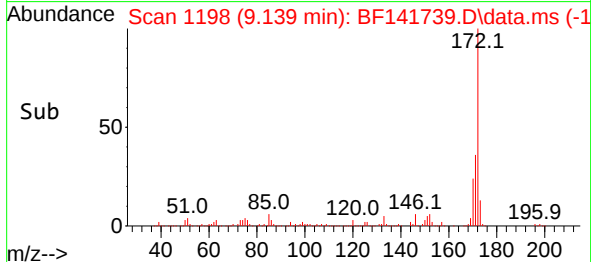
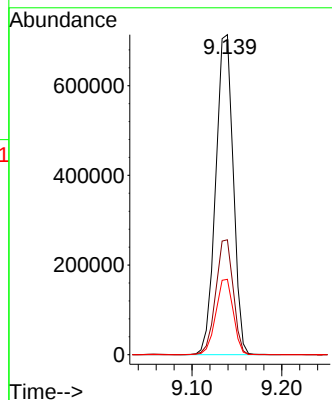
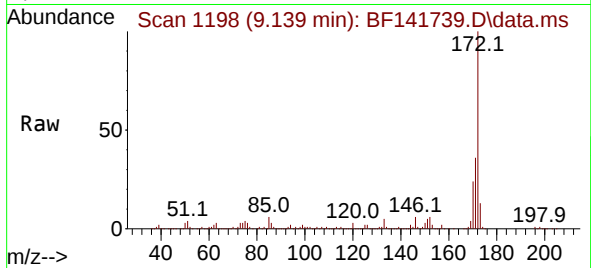




#45
2-Fluorobiphenyl
Concen: 84.956 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

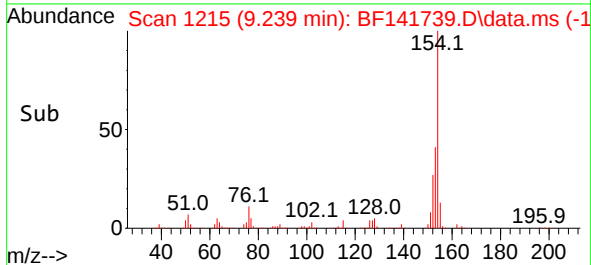
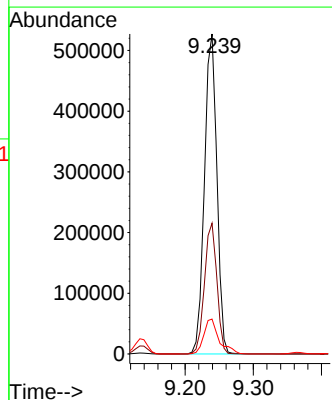
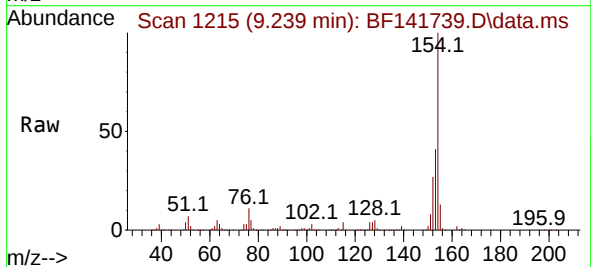
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:172 Resp: 967974
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 49.163 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:154 Resp: 669072
Ion Ratio Lower Upper
154 100
153 40.9 20.4 60.4
76 10.9 0.0 30.8

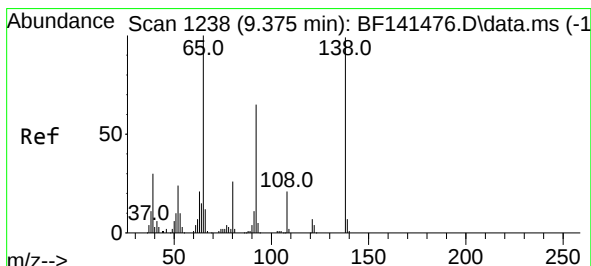
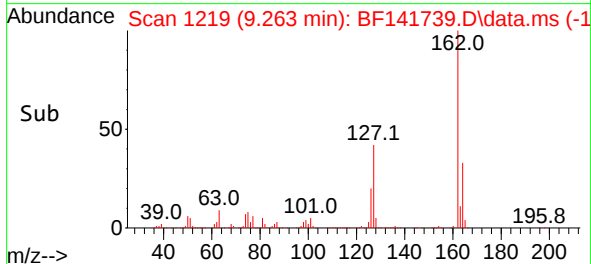
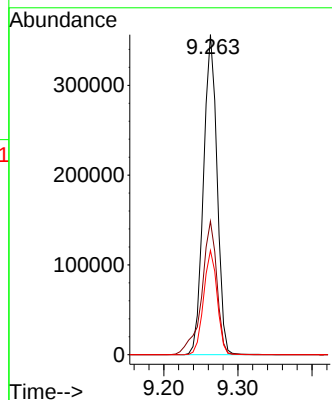
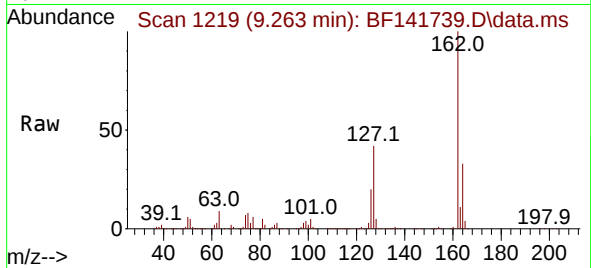




#47
2-Chloronaphthalene
Concen: 45.191 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

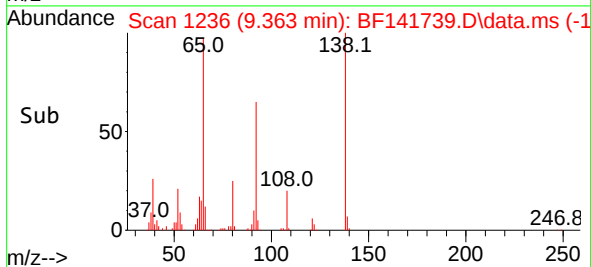
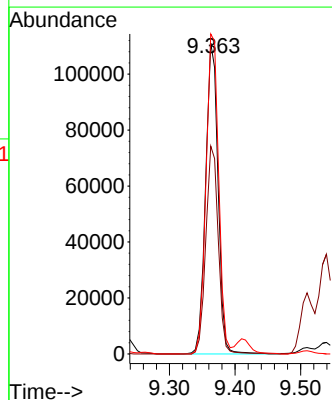
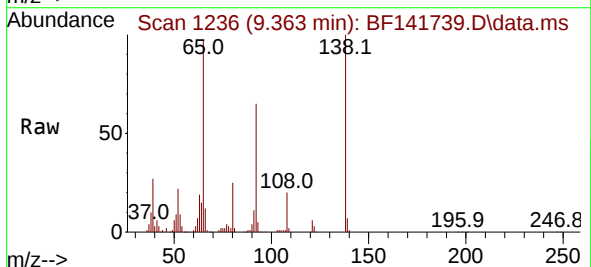
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:162 Resp: 454786
Ion Ratio Lower Upper
162 100
127 41.7 34.1 51.1
164 32.6 26.3 39.5



#48
2-Nitroaniline
Concen: 43.639 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion: 65 Resp: 147384
Ion Ratio Lower Upper
65 100
92 66.9 52.2 78.2
138 103.0 79.5 119.3





#49

Acenaphthylene

Concen: 46.445 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.018 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

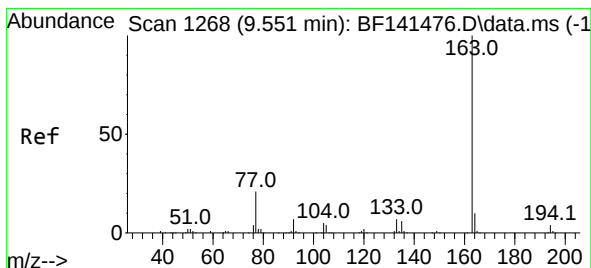
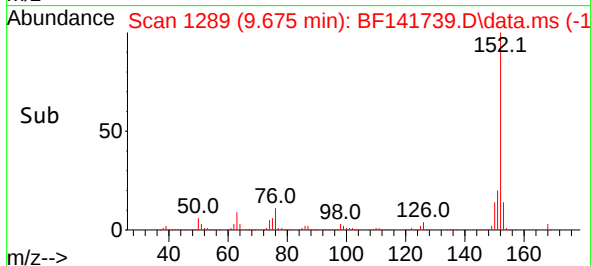
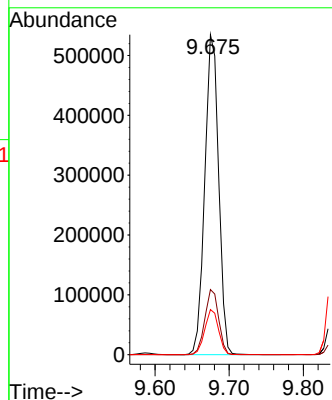
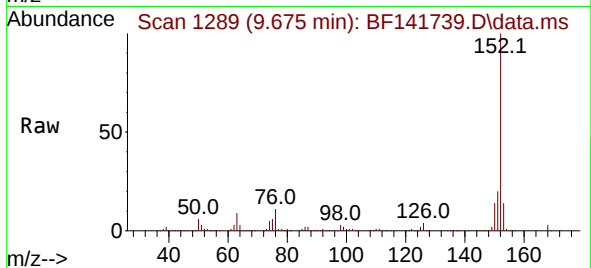
Tgt Ion:152 Resp: 695208

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 14.1 10.9 16.3



#50

Dimethylphthalate

Concen: 44.672 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

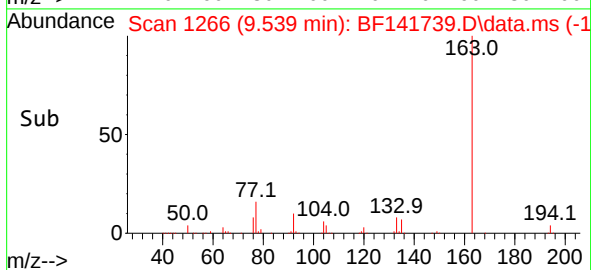
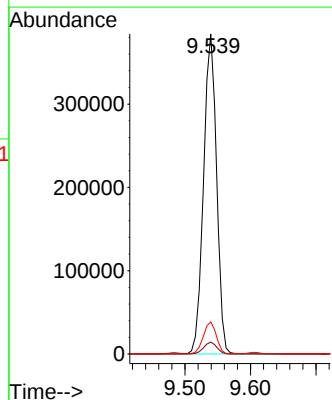
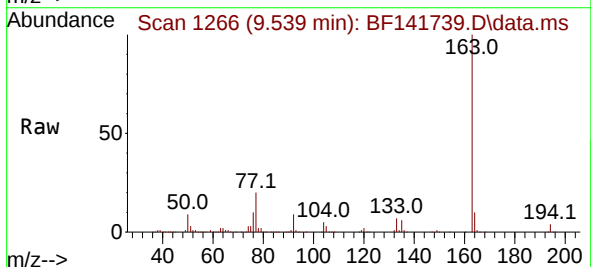
Tgt Ion:163 Resp: 532348

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.0 7.9 11.9

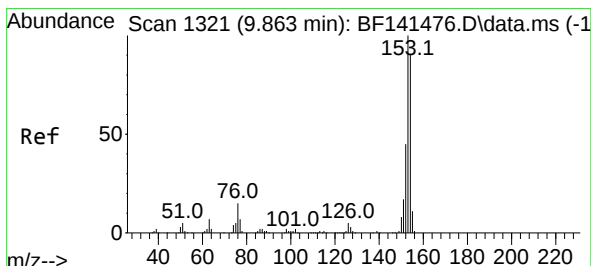
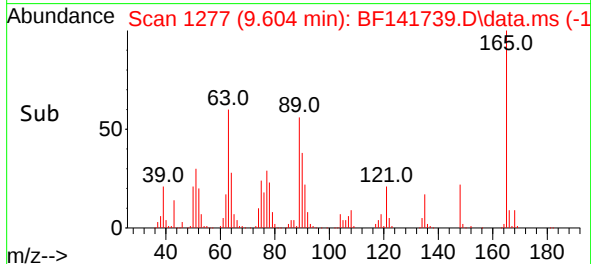
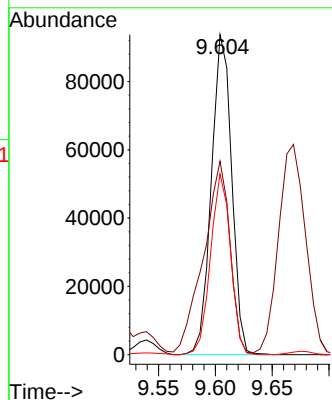
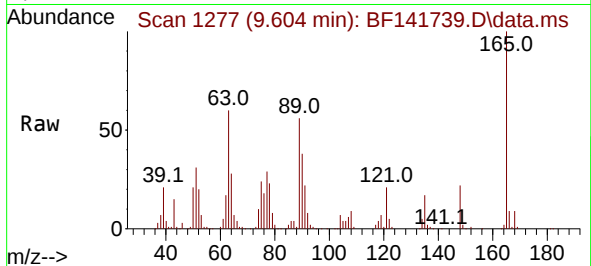




#51
2,6-Dinitrotoluene
Concen: 44.752 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

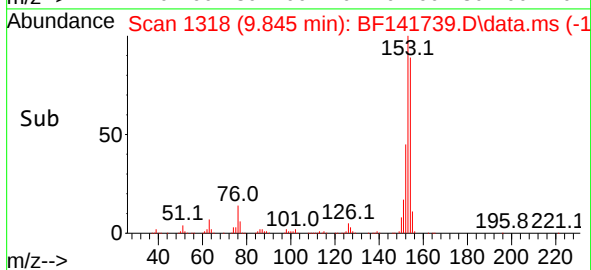
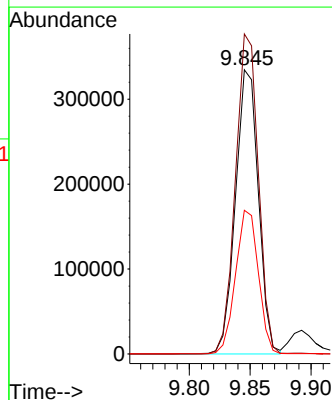
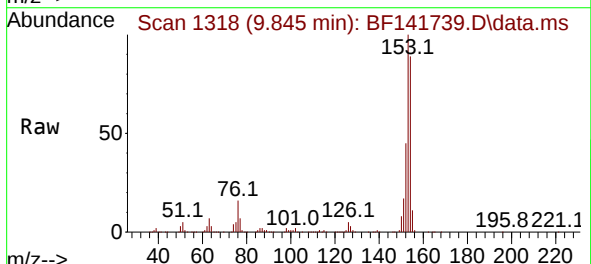
Instrument :
BNA_F
ClientSampleId :
TP8MSD

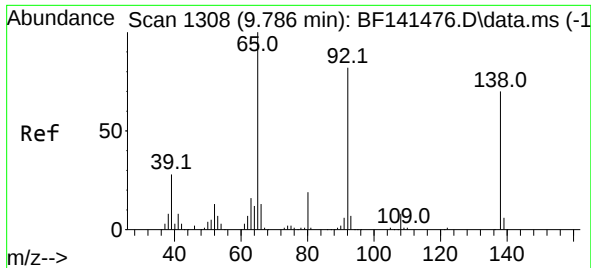
Tgt Ion:165 Resp: 116584
Ion Ratio Lower Upper
165 100
63 60.5 49.4 74.0
89 56.5 46.5 69.7



#52
Acenaphthene
Concen: 43.531 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.023 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:154 Resp: 438058
Ion Ratio Lower Upper
154 100
153 112.6 89.2 133.8
152 50.5 39.8 59.8

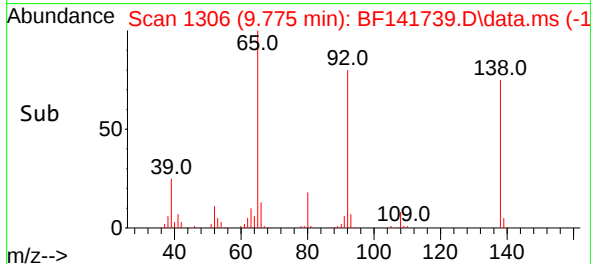
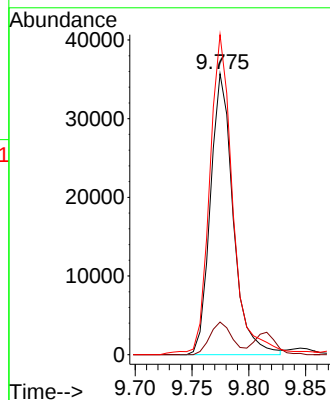
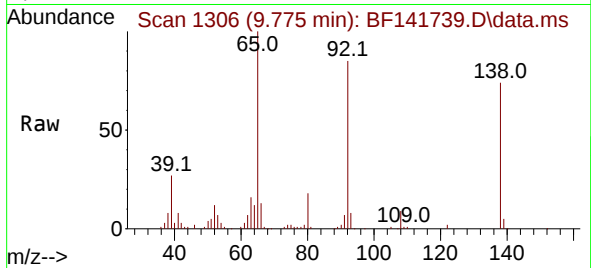




#53
3-Nitroaniline
Concen: 17.748 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

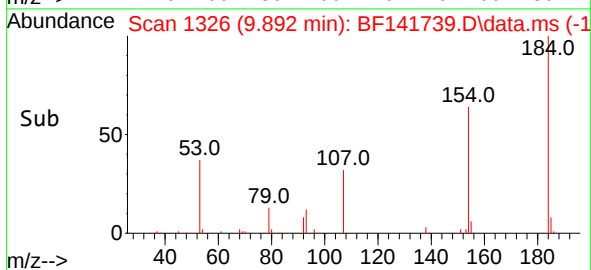
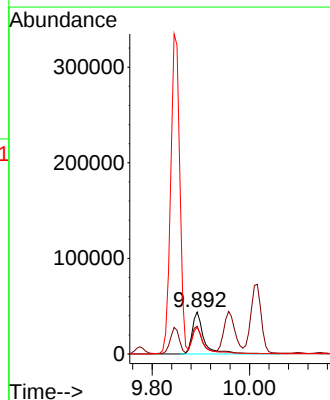
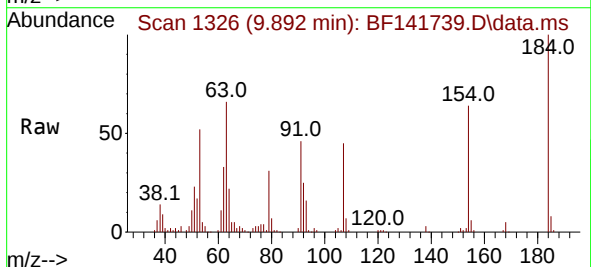
Instrument :
BNA_F
ClientSampleId :
TP8MSD

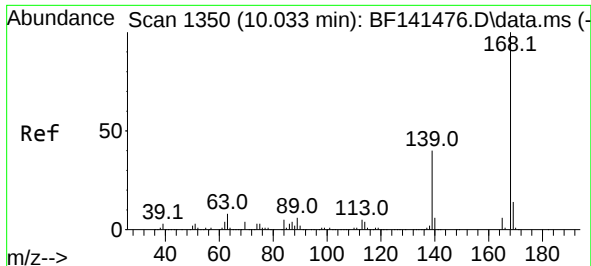
Tgt Ion:138 Resp: 49764
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 113.9 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 47.519 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:184 Resp: 73574
Ion Ratio Lower Upper
184 100
63 66.0 61.0 91.6
154 63.9 59.9 89.9

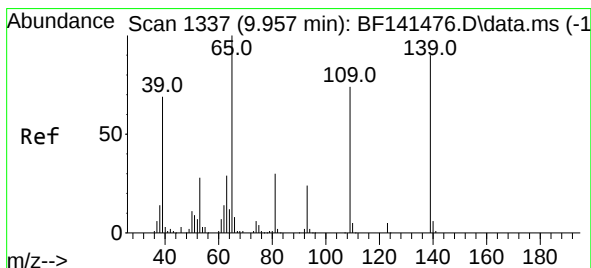
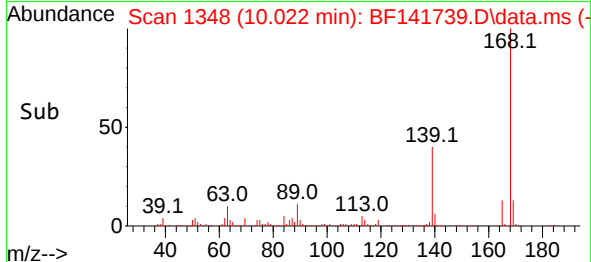
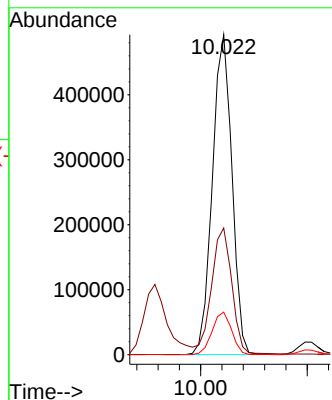
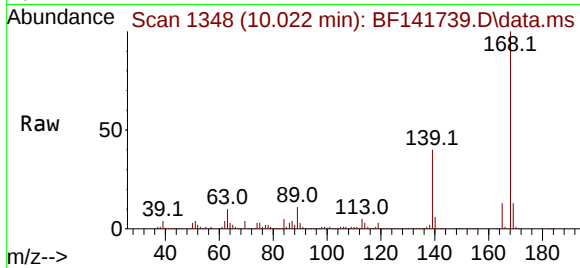




#55
Dibenzenofuran
Concen: 42.431 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

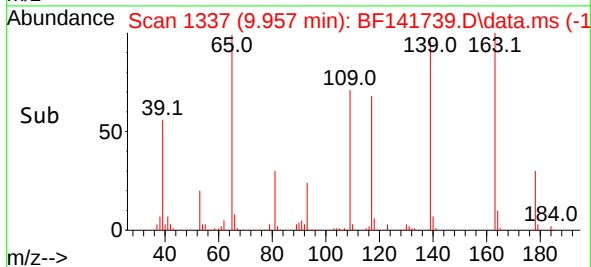
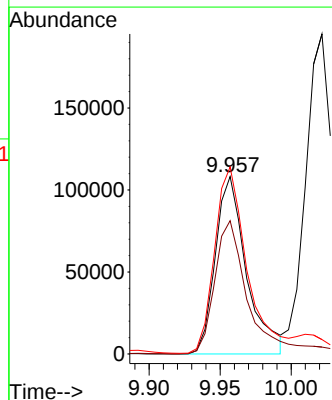
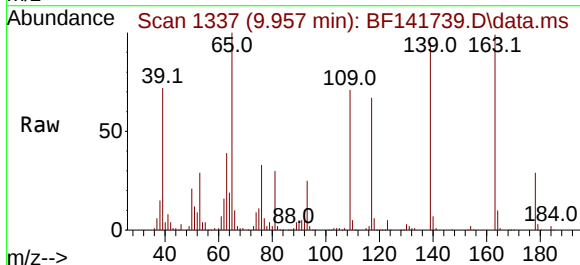
Instrument :
BNA_F
ClientSampleId :
TP8MSD

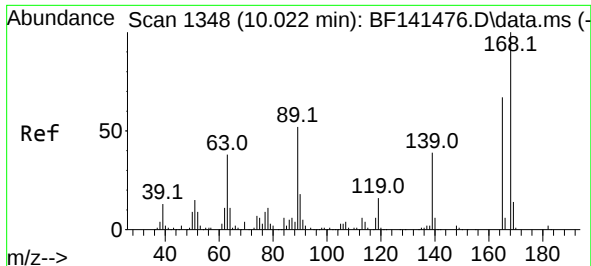
Tgt Ion:168 Resp: 626738
Ion Ratio Lower Upper
168 100
139 39.6 32.7 49.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 79.135 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:139 Resp: 164713
Ion Ratio Lower Upper
139 100
109 75.1 62.0 102.0
65 105.5 91.2 131.2

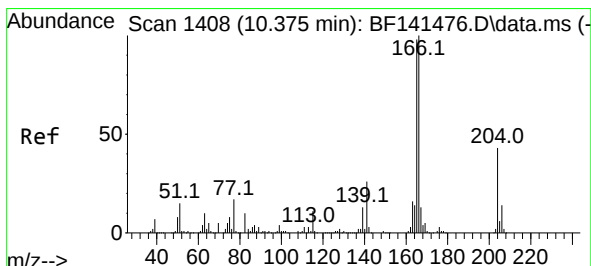
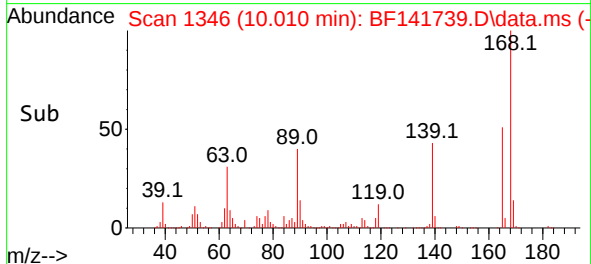
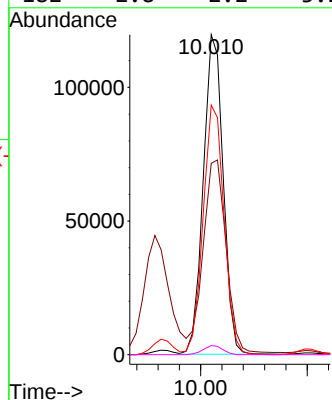
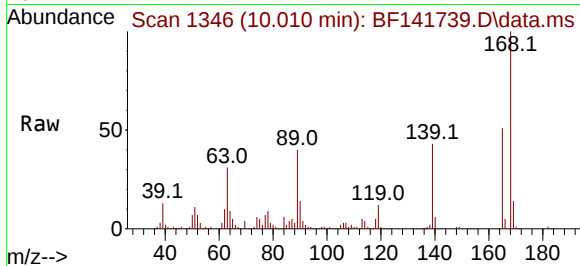




#57
2,4-Dinitrotoluene
Concen: 44.688 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

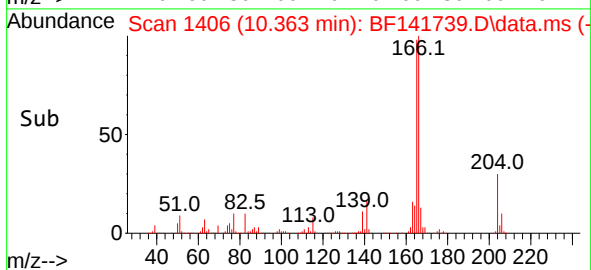
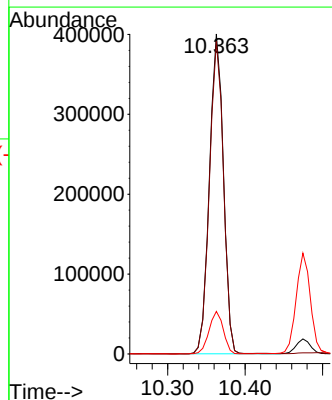
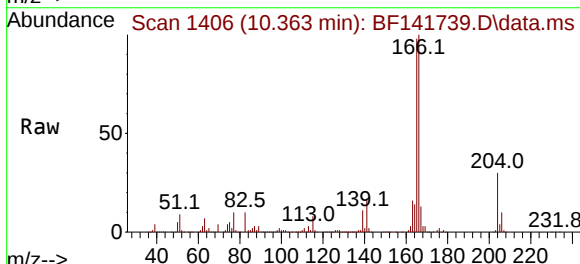
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:165 Resp: 154979
Ion Ratio Lower Upper
165 100
63 59.8 46.4 69.6
89 78.0 61.8 92.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 44.052 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:166 Resp: 503109
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 13.3 10.7 16.1

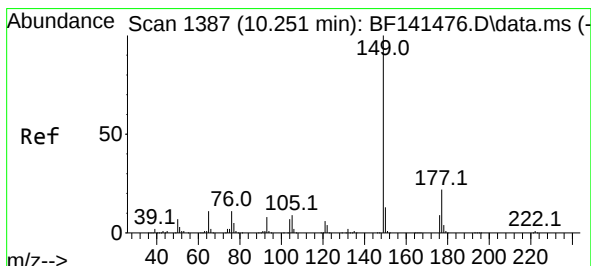
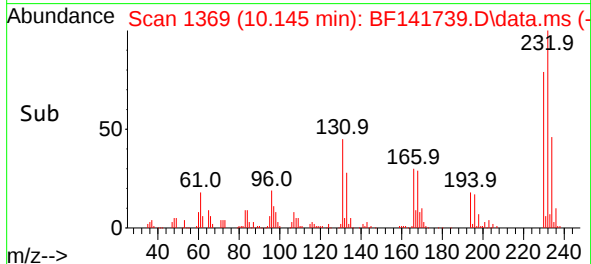
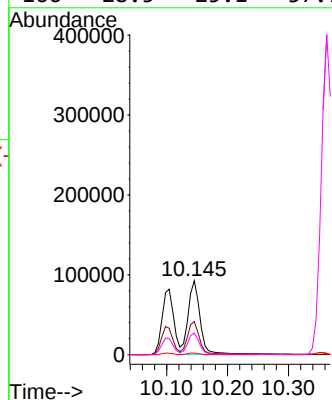
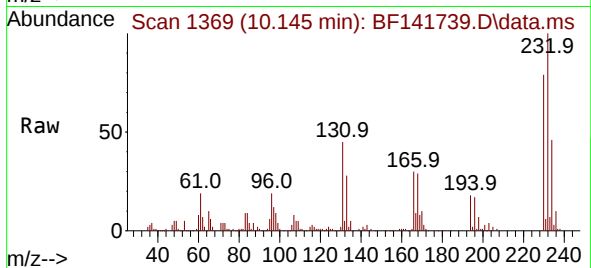




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.069 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

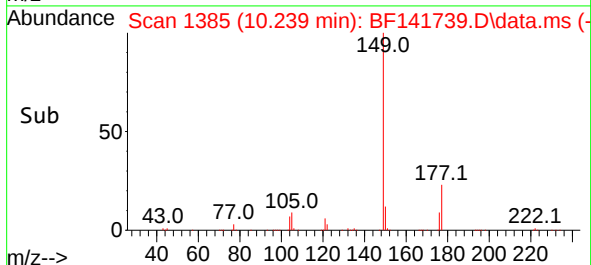
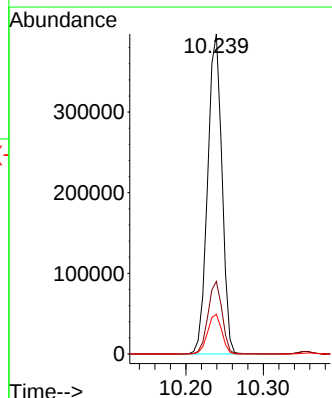
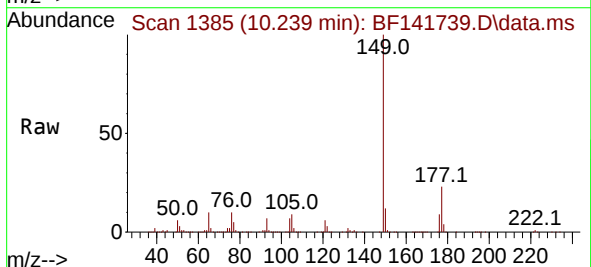
Instrument :
BNA_F
ClientSampleId :
TP8MSD

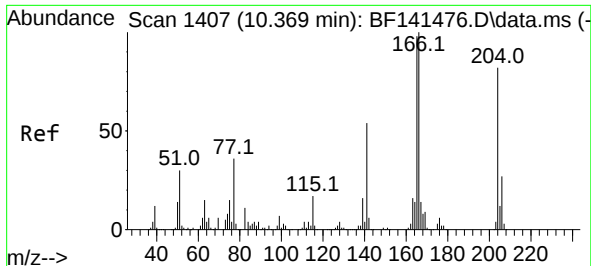
Tgt Ion:232 Resp: 125780
Ion Ratio Lower Upper
232 100
131 45.3 39.2 58.8
130 2.2 2.1 3.1
166 28.5 25.1 37.7



#60
Diethylphthalate
Concen: 43.387 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:149 Resp: 508700
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.4 10.1 15.1

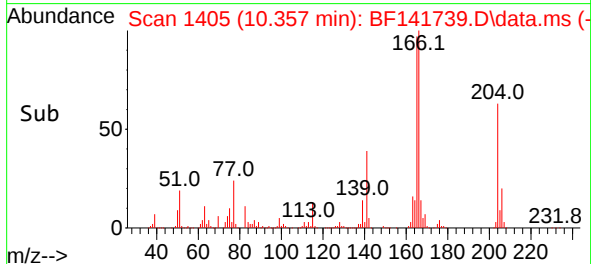
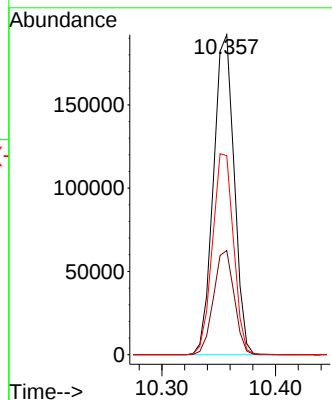
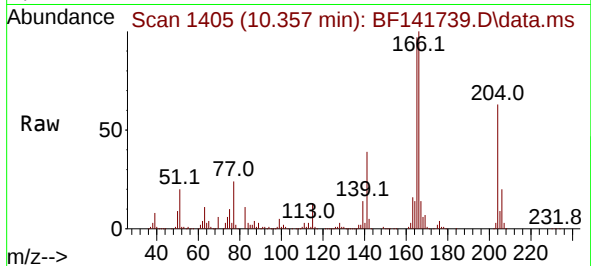




#61
4-Chlorophenyl-phenylether
Concen: 44.286 ng
RT: 10.357 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

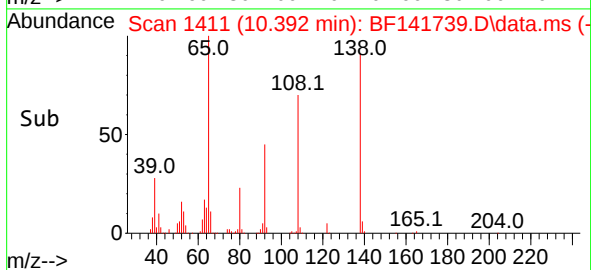
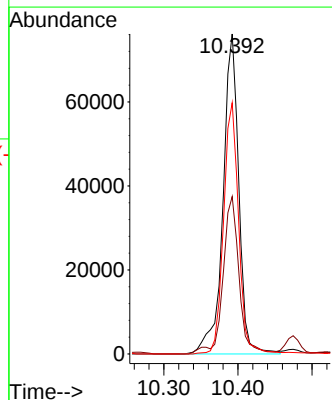
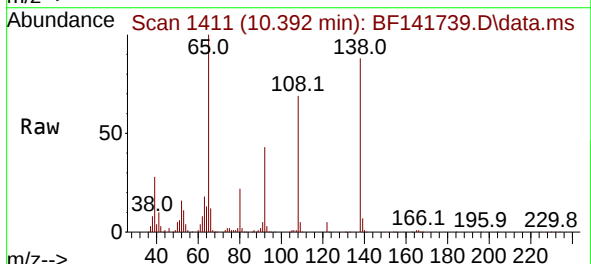
Instrument :
BNA_F
ClientSampleId :
TP8MSD

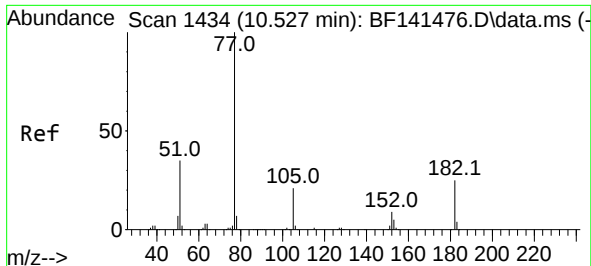
Tgt Ion:204 Resp: 243325
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.2 51.9 77.9



#62
4-Nitroaniline
Concen: 39.585 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:138 Resp: 112702
Ion Ratio Lower Upper
138 100
92 49.2 31.3 71.3
108 78.5 63.7 103.7

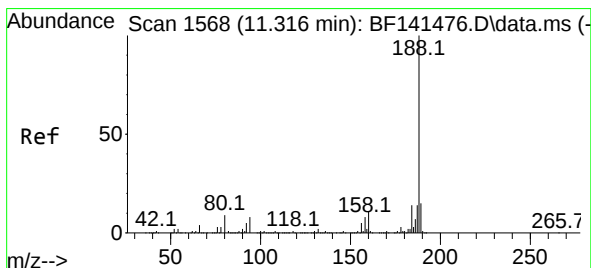
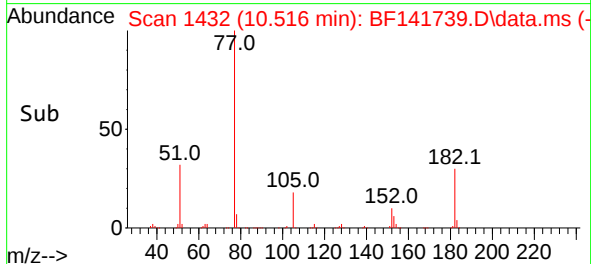
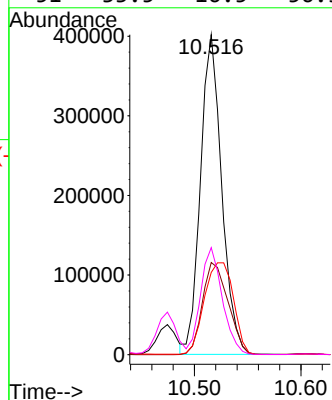
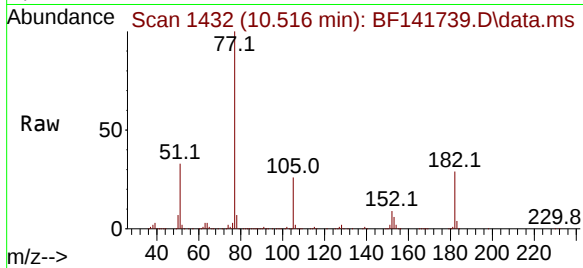




#63
Azobenzene
Concen: 47.820 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

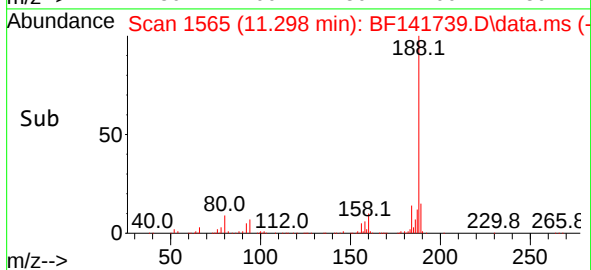
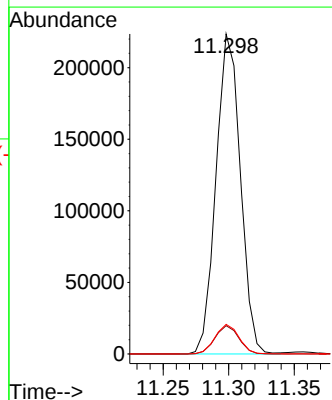
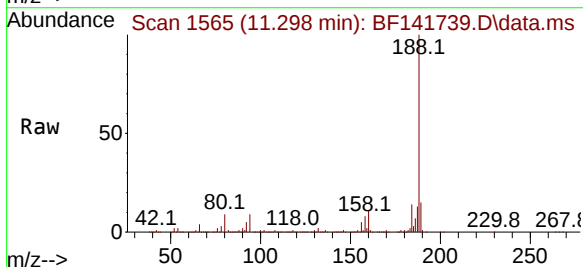
Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:	77	Resp:	557394
Ion Ratio	Lower	Upper	
77	100		
182	28.8	4.7	44.7
105	25.7	0.4	40.4
51	33.5	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:	188	Resp:	288541
Ion Ratio	Lower	Upper	
188	100		
94	8.8	6.6	10.0
80	9.3	7.3	10.9

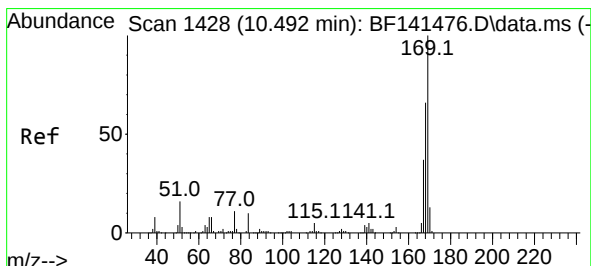
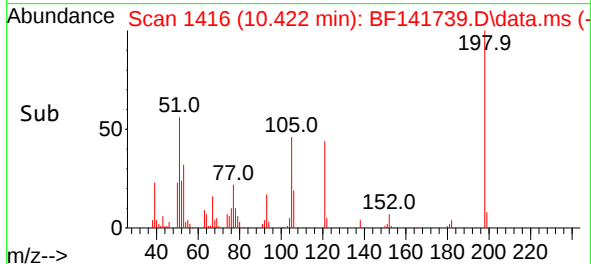
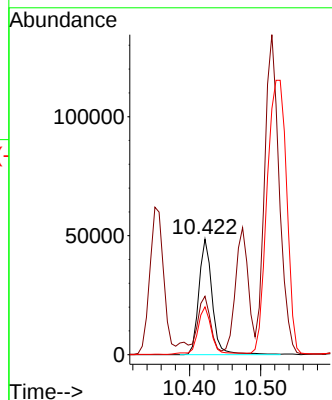
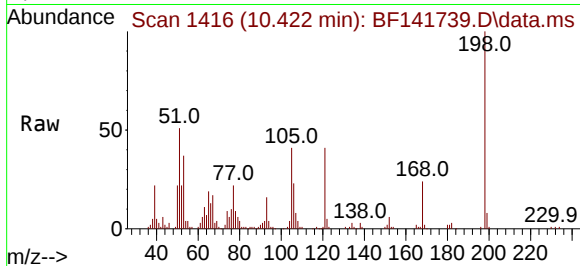




#65
4,6-Dinitro-2-methylphenol
Concen: 31.746 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

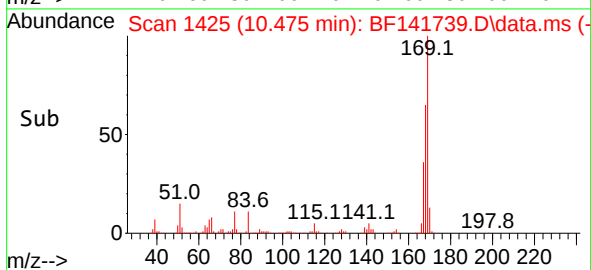
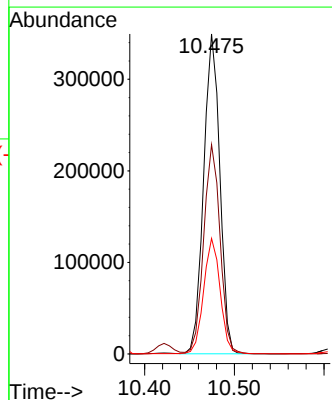
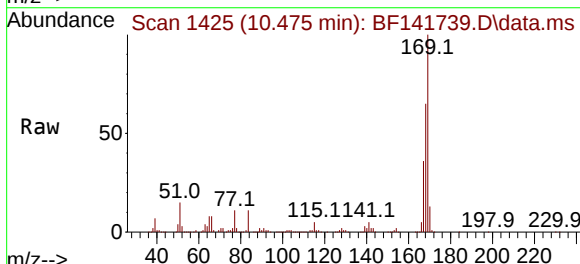
Instrument :
BNA_F
ClientSampleId :
TP8MSD

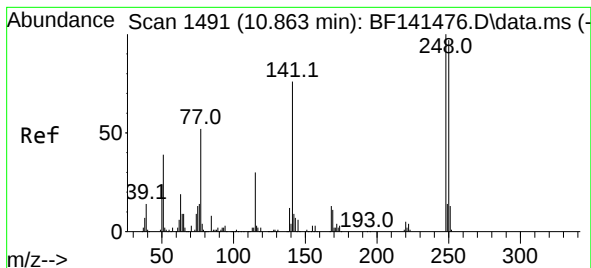
Tgt Ion:198 Resp: 63631
Ion Ratio Lower Upper
198 100
51 50.5 37.4 77.4
105 41.4 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 47.337 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:169 Resp: 437231
Ion Ratio Lower Upper
169 100
168 65.4 53.3 79.9
167 36.1 29.4 44.2

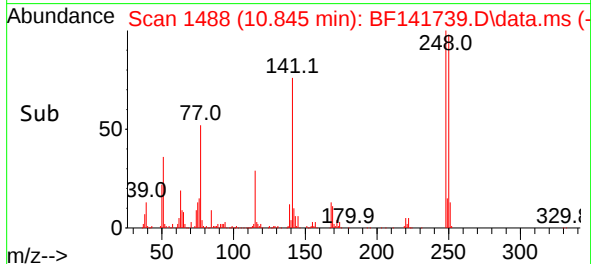
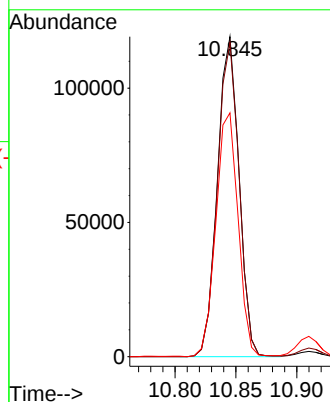
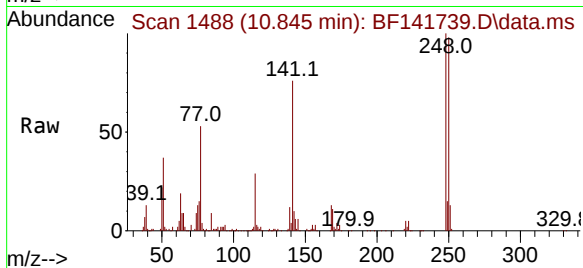




#67
4-Bromophenyl-phenylether
Concen: 45.722 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

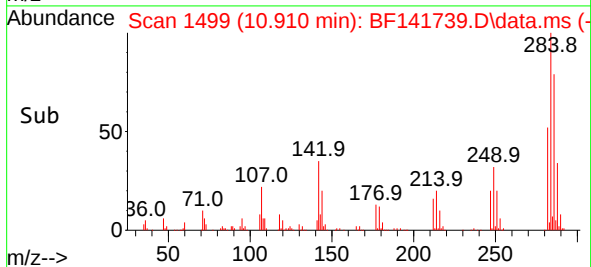
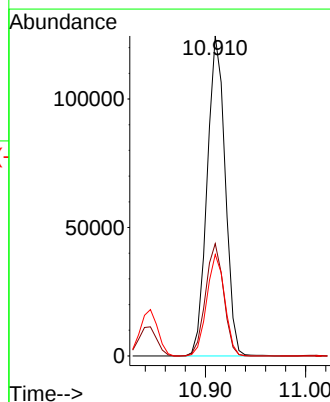
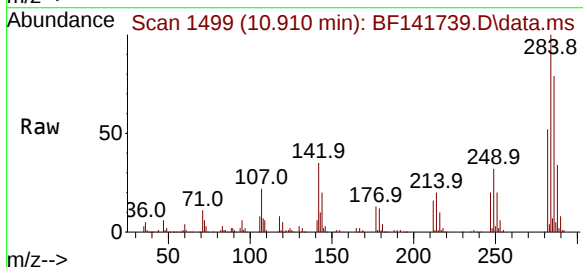
Instrument :
BNA_F
ClientSampleId :
TP8MSD

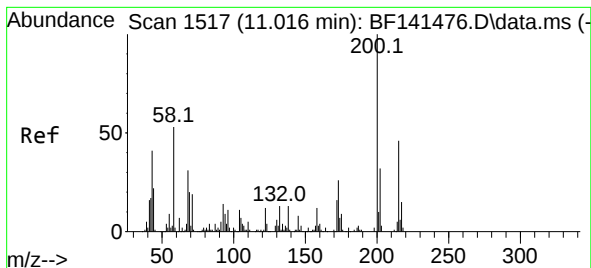
Tgt Ion:248 Resp: 147446
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 76.2 60.6 90.8



#68
Hexachlorobenzene
Concen: 47.018 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:284 Resp: 156132
Ion Ratio Lower Upper
284 100
142 35.1 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 58.063 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

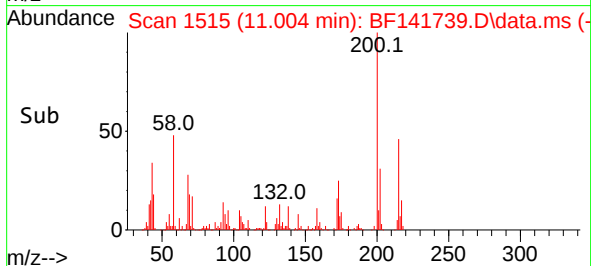
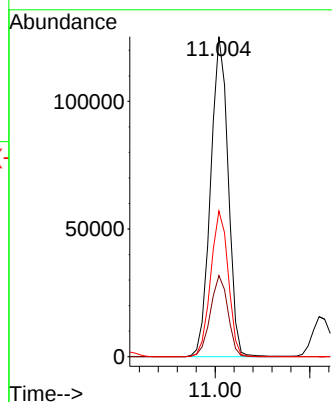
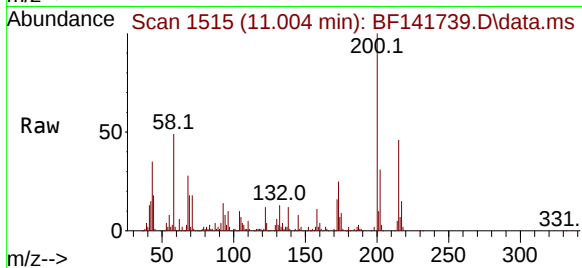
Tgt Ion:200 Resp: 160889

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

215 45.6 25.9 65.9



#70

Pentachlorophenol

Concen: 59.617 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.018 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

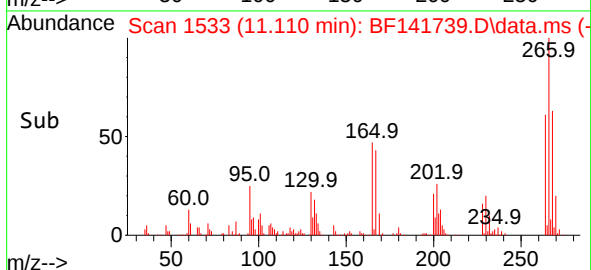
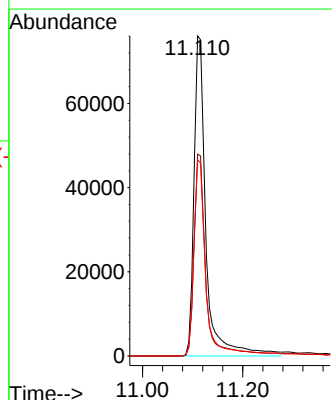
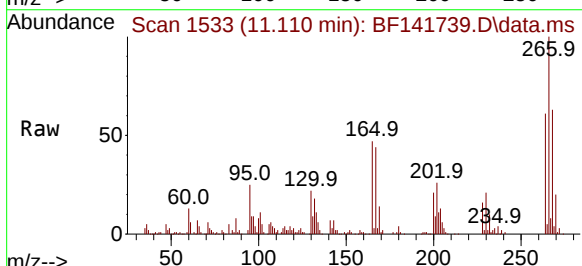
Tgt Ion:266 Resp: 126585

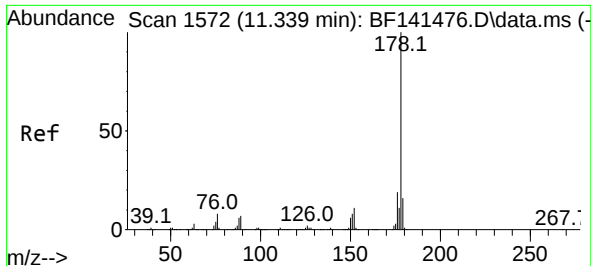
Ion Ratio Lower Upper

266 100

268 63.1 50.1 75.1

264 61.3 50.1 75.1

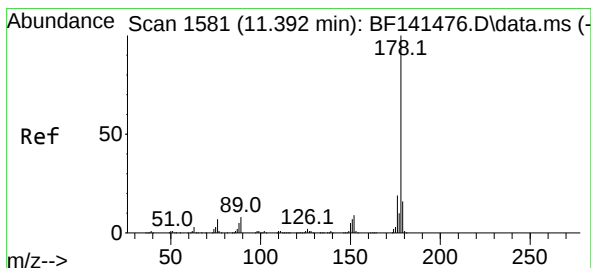
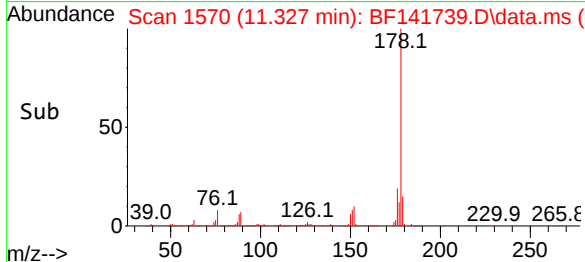
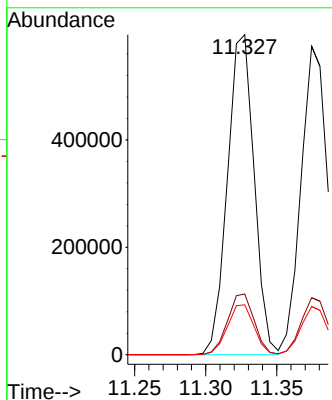
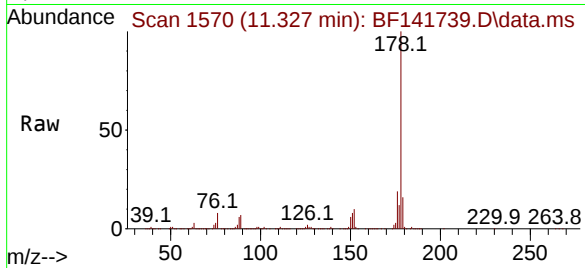




#71
Phenanthrene
Concen: 49.180 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

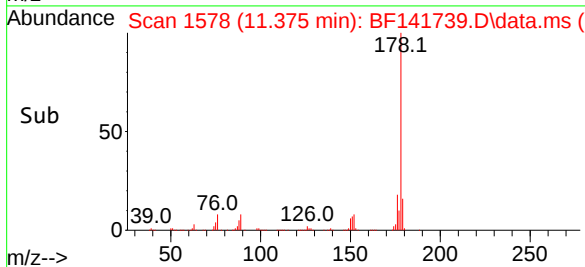
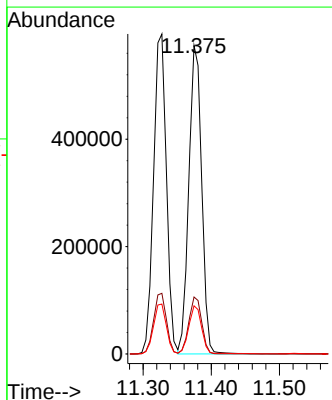
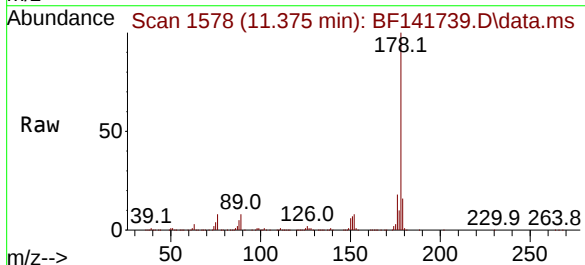
Instrument :
BNA_F
ClientSampleId :
TP8MSD

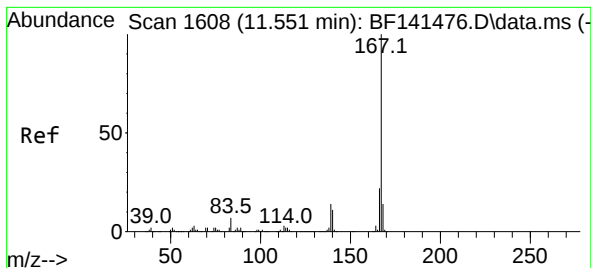
Tgt Ion:178 Resp: 781119
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 46.795 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:178 Resp: 747144
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.6 12.4 18.6





#73

Carbazole

Concen: 43.909 ng

RT: 11.533 min Scan# 1605

Delta R.T. -0.018 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

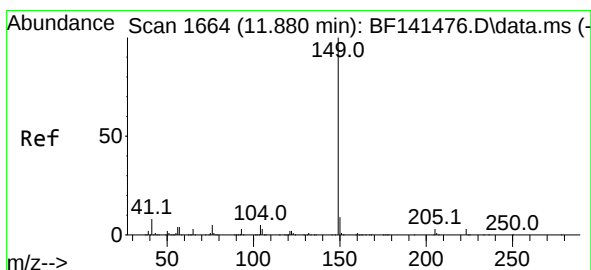
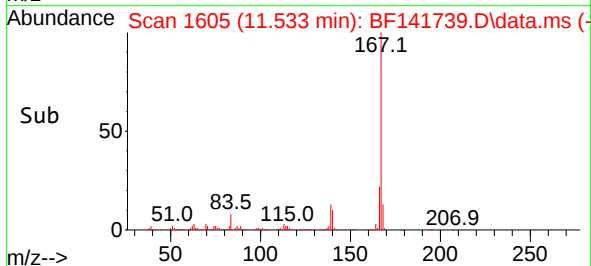
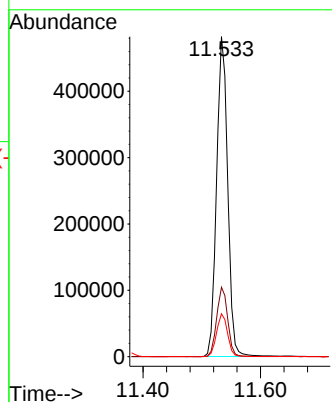
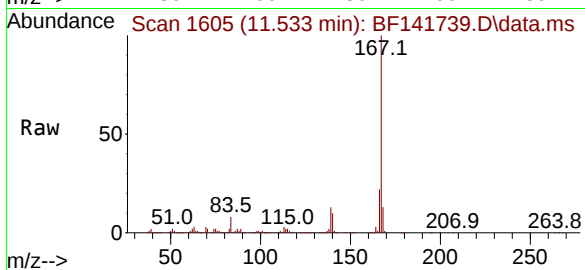
Tgt Ion:167 Resp: 630802

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.4 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.612 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

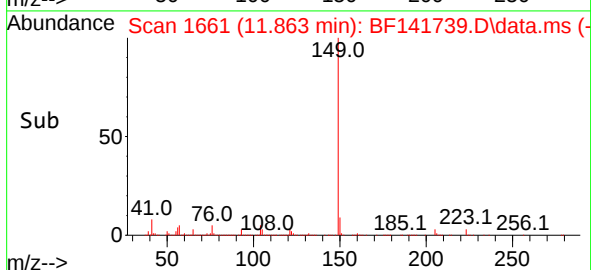
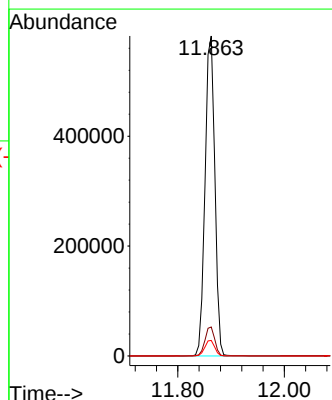
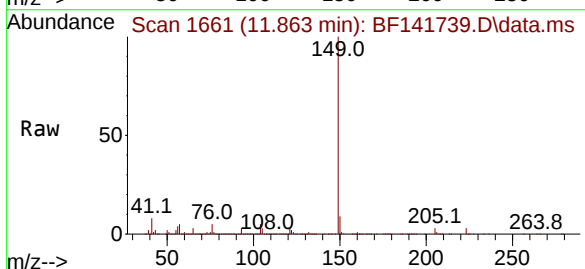
Tgt Ion:149 Resp: 740035

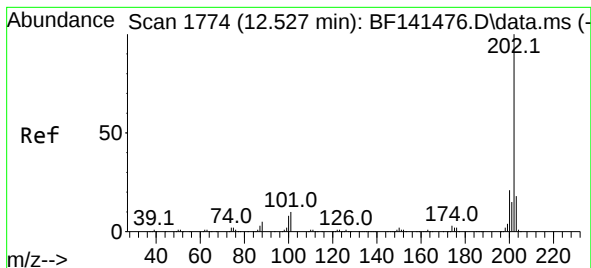
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.8 4.2 6.2





#75

Fluoranthene

Concen: 46.445 ng

RT: 12.510 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

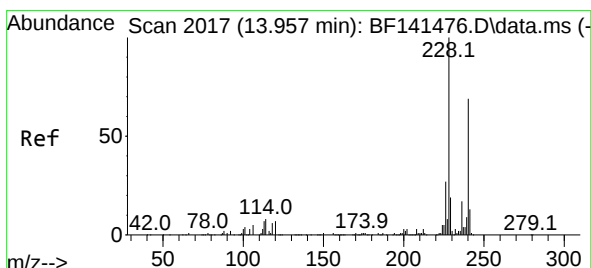
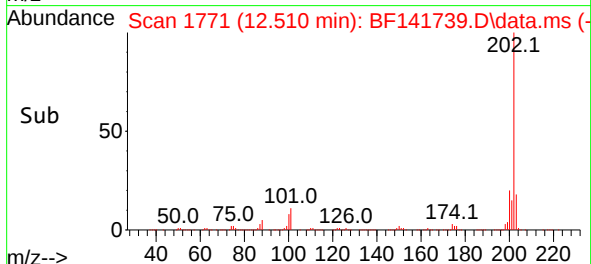
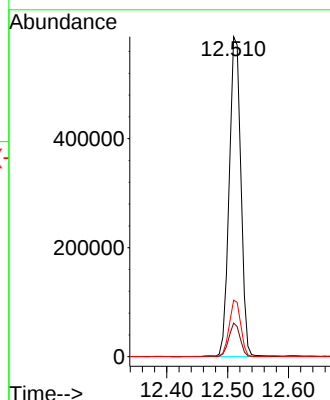
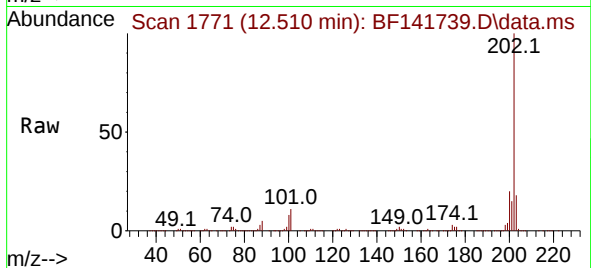
Tgt Ion:202 Resp: 782087

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.2

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

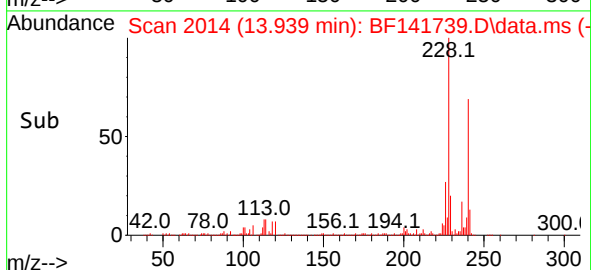
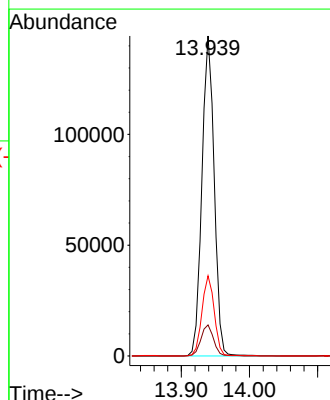
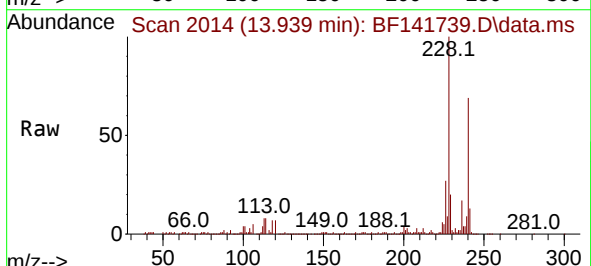
Tgt Ion:240 Resp: 181181

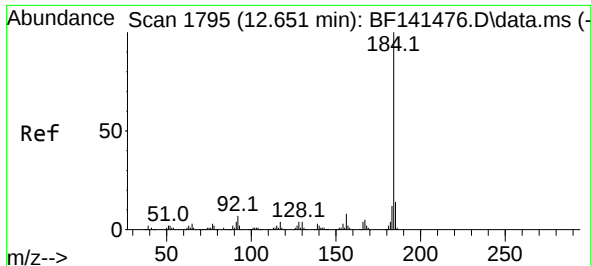
Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

236 25.0 19.8 29.8

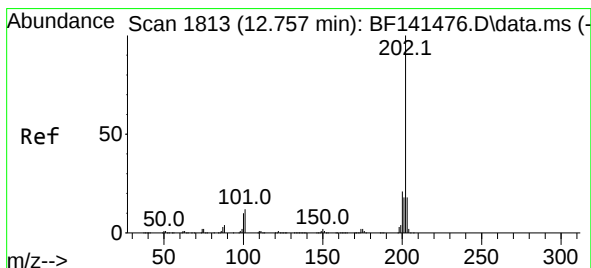
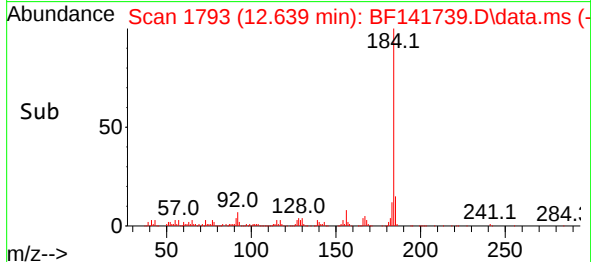
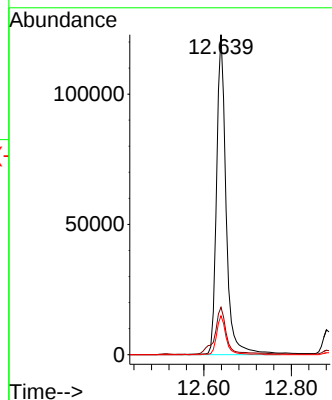
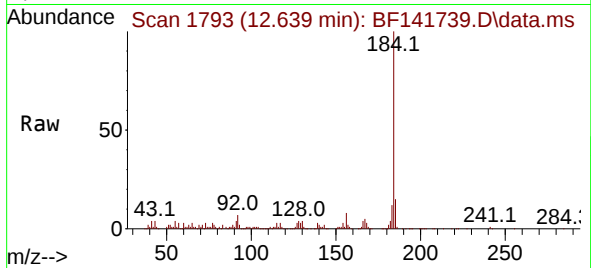




#77
Benzidine
Concen: 46.722 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

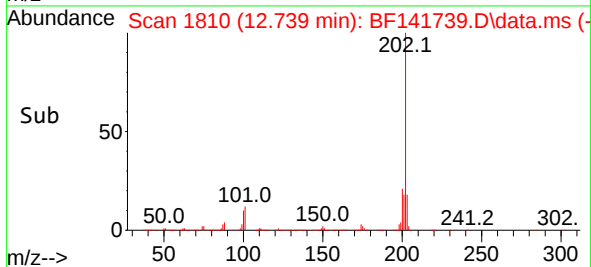
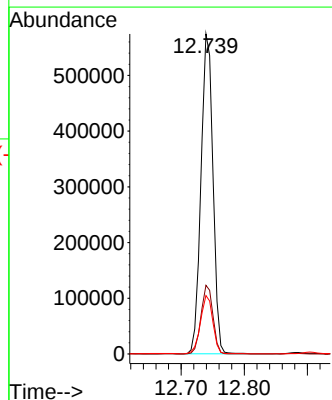
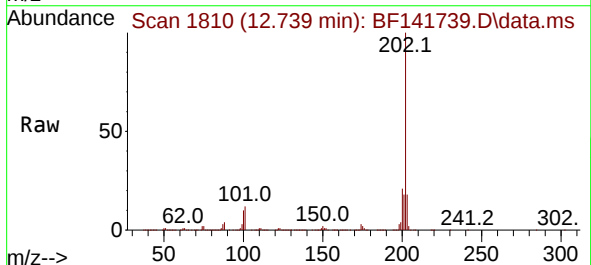
Instrument :
BNA_F
ClientSampleId :
TP8MSD

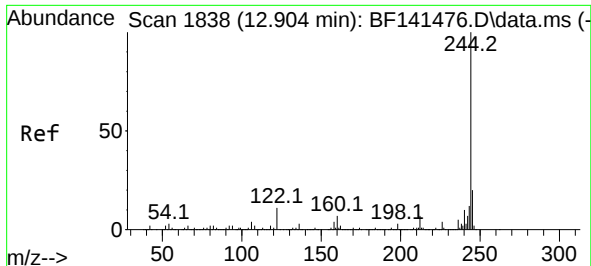
Tgt Ion:184 Resp: 186694
Ion Ratio Lower Upper
184 100
185 14.8 11.3 16.9
183 12.2 9.3 13.9



#78
Pyrene
Concen: 48.957 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:202 Resp: 755080
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.2 14.3 21.5

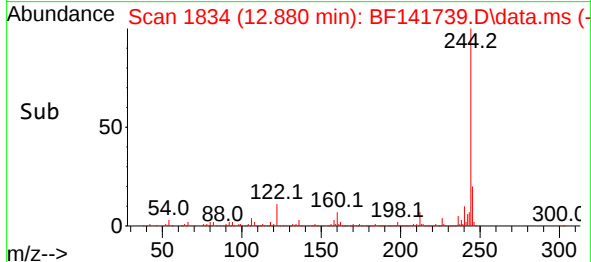
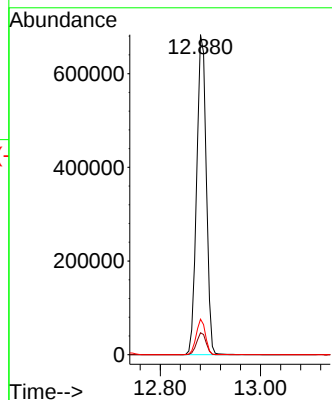
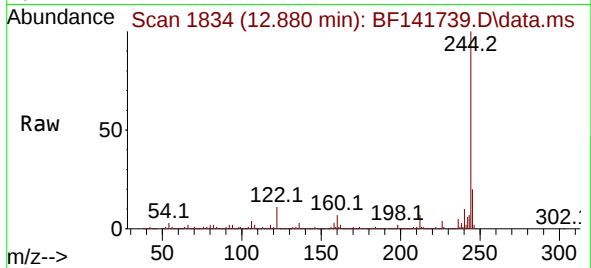




#79
 Terphenyl-d14
 Concen: 84.380 ng
 RT: 12.880 min Scan# 1834
 Delta R.T. -0.023 min
 Lab File: BF141739.D
 Acq: 24 Feb 2025 12:26

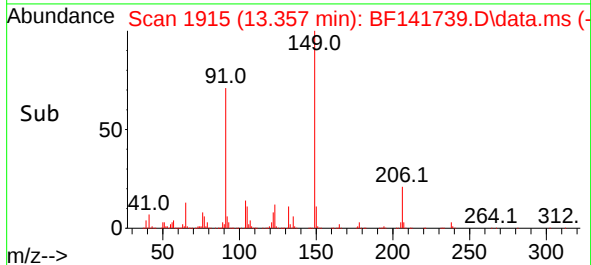
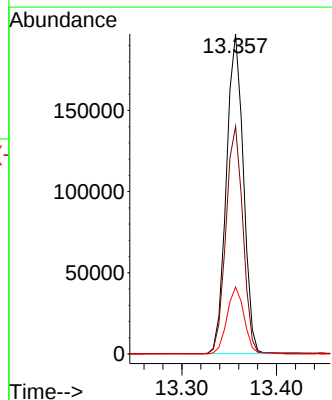
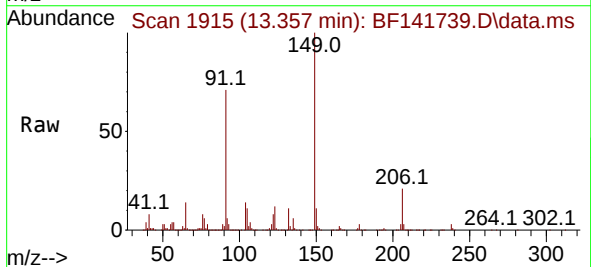
Instrument :
 BNA_F
 ClientSampleId :
 TP8MSD

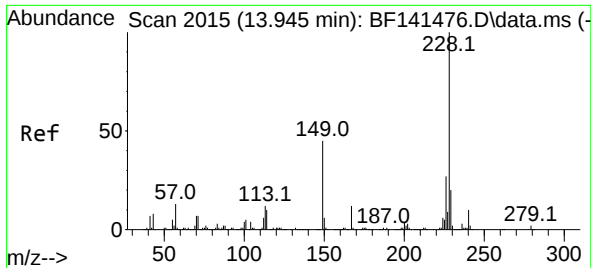
Tgt Ion:244 Resp: 905597
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.1 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 45.922 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141739.D
 Acq: 24 Feb 2025 12:26

Tgt Ion:149 Resp: 245327
 Ion Ratio Lower Upper
 149 100
 91 71.1 57.8 86.8
 206 20.9 16.7 25.1

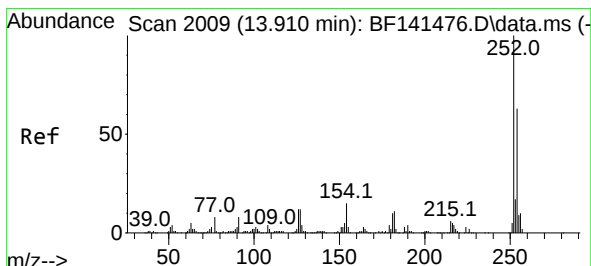
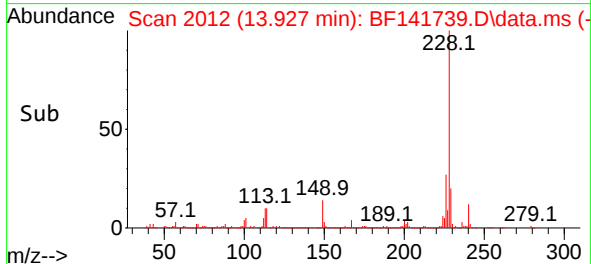
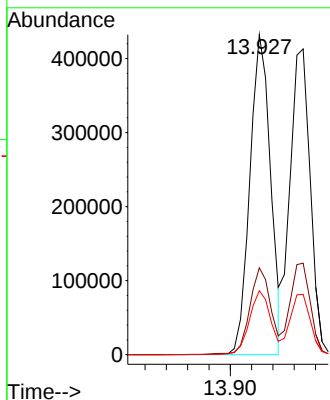
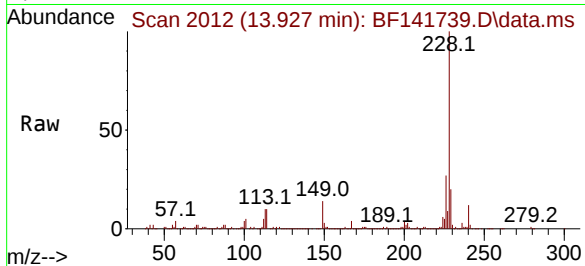




#81
Benzo(a)anthracene
Concen: 48.363 ng
RT: 13.927 min Scan# 20
Delta R.T. -0.023 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

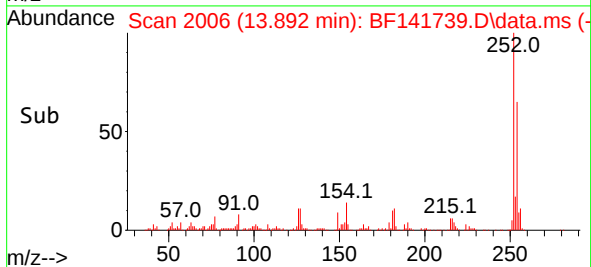
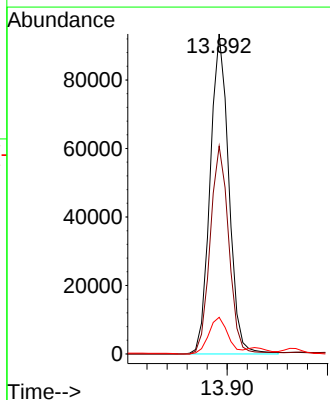
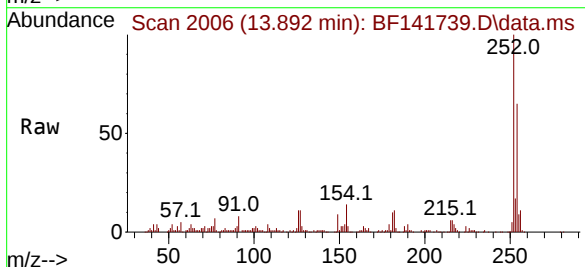
Instrument :
BNA_F
ClientSampleId :
TP8MSD

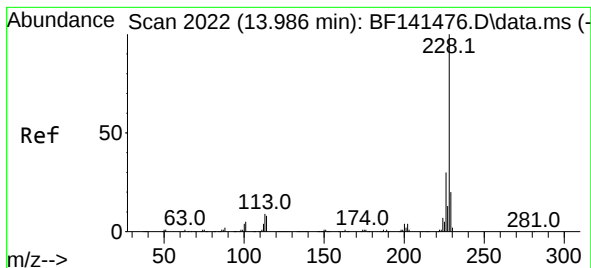
Tgt Ion:228 Resp: 582476
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 20.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.018 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:252 Resp: 120813
Ion Ratio Lower Upper
252 100
254 64.9 50.6 76.0
126 11.4 9.3 13.9





#83

Chrysene

Concen: 48.879 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

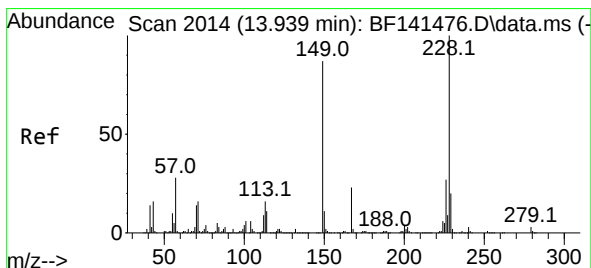
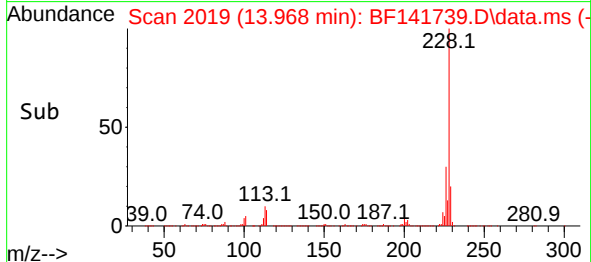
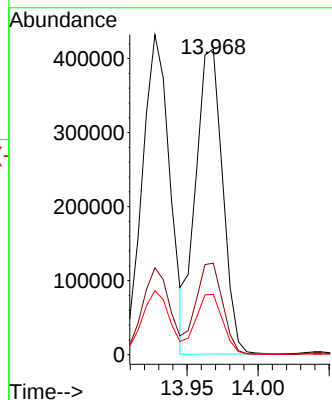
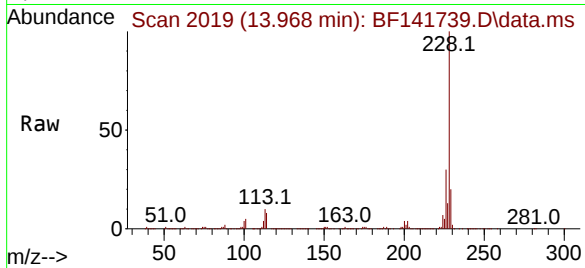
Tgt Ion:228 Resp: 543563

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.294 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

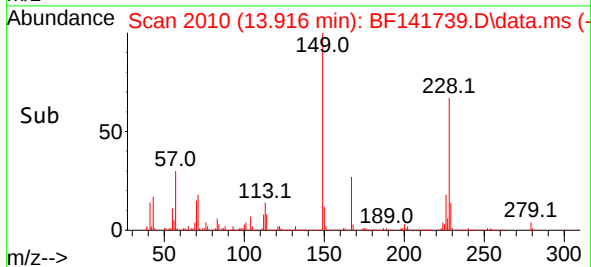
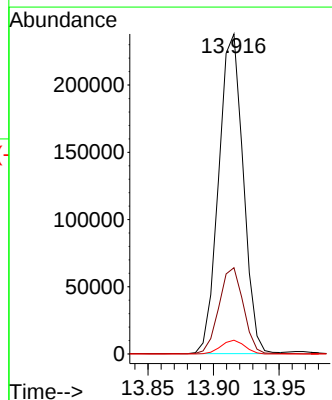
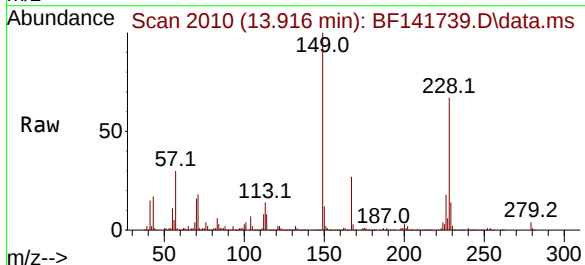
Tgt Ion:149 Resp: 309059

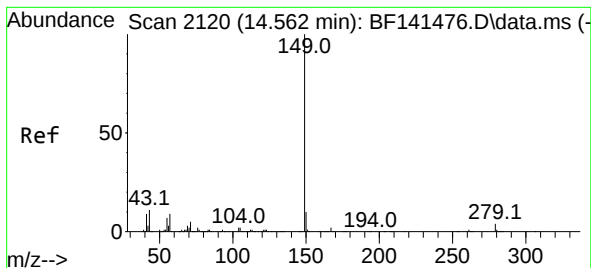
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 60.233 ng

RT: 14.527 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

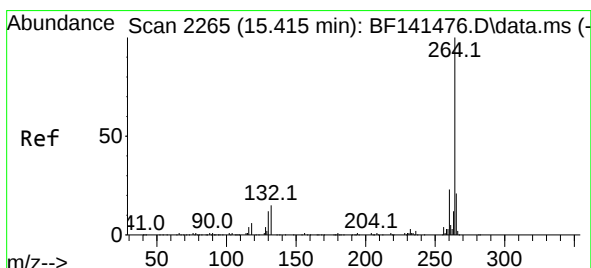
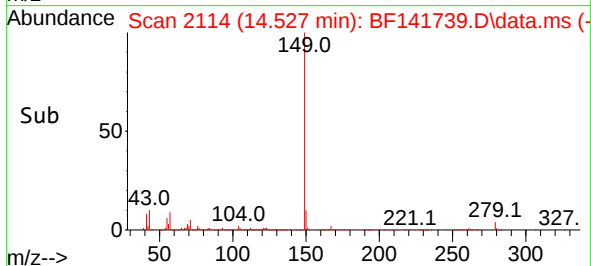
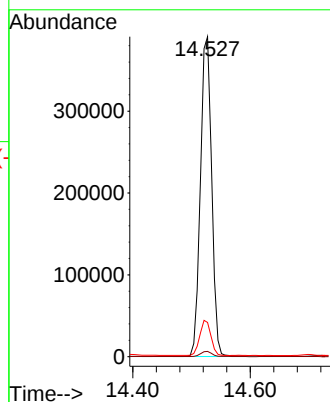
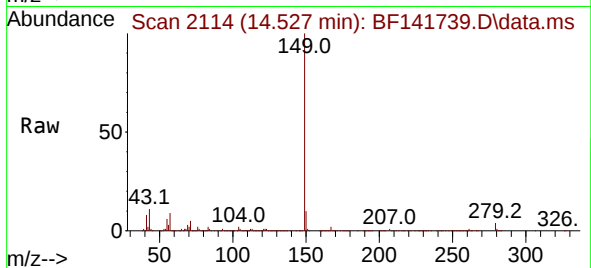
Tgt Ion:149 Resp: 517732

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 10.8 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

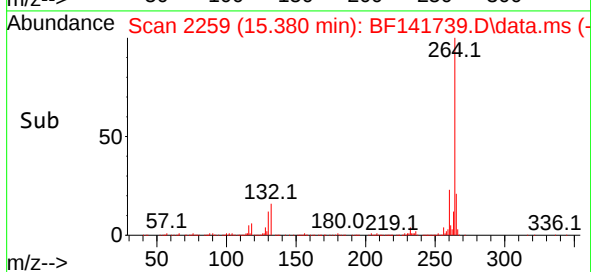
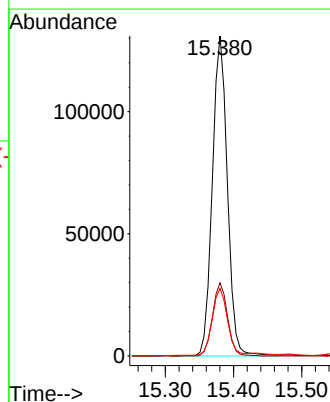
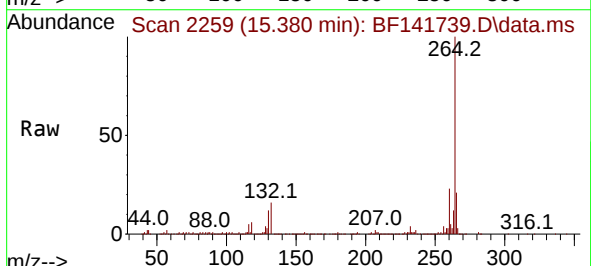
Tgt Ion:264 Resp: 201068

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.824 ng

RT: 16.821 min Scan# 2189

Delta R.T. -0.053 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

Instrument :

BNA_F

ClientSampleId :

TP8MSD

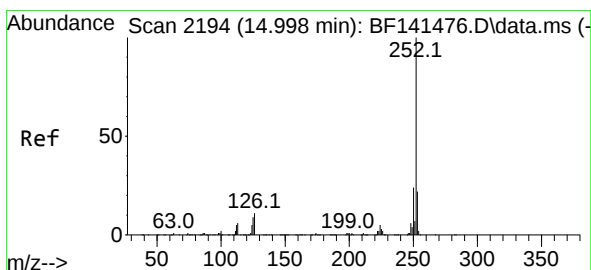
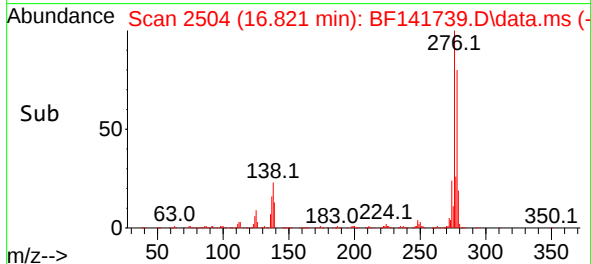
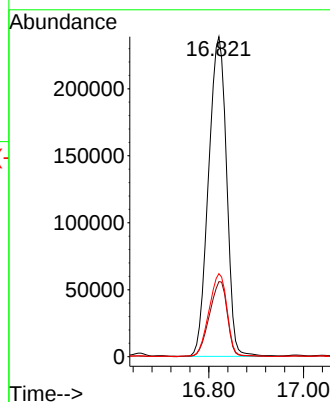
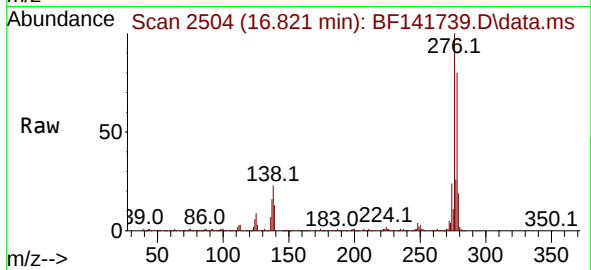
Tgt Ion:276 Resp: 631423

Ion Ratio Lower Upper

276 100

138 23.5 18.0 27.0

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 45.335 ng

RT: 14.968 min Scan# 2189

Delta R.T. -0.035 min

Lab File: BF141739.D

Acq: 24 Feb 2025 12:26

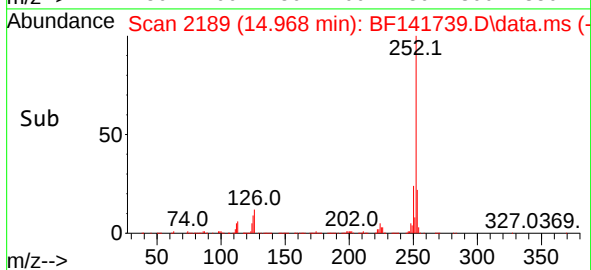
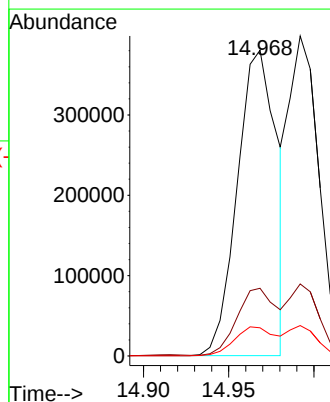
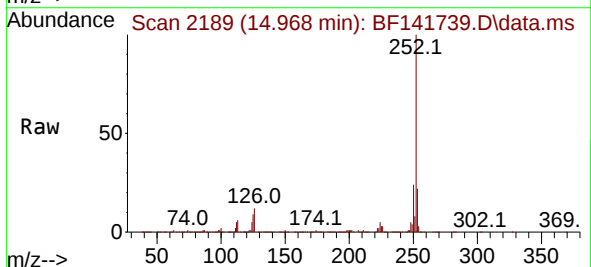
Tgt Ion:252 Resp: 612055

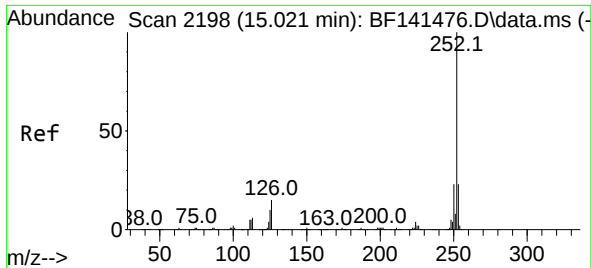
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.2 7.0 10.6

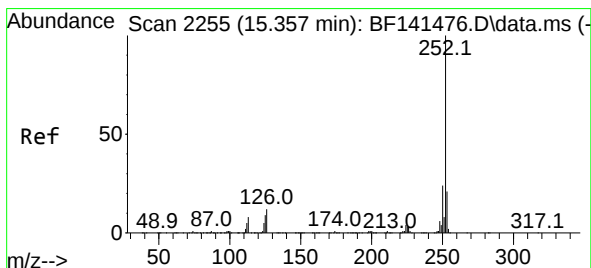
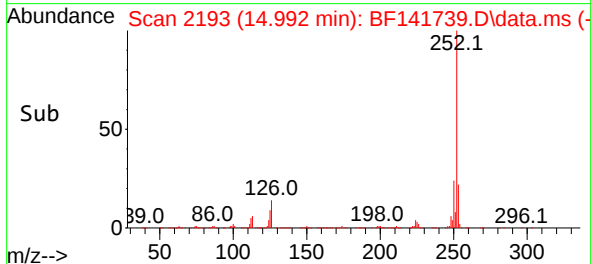
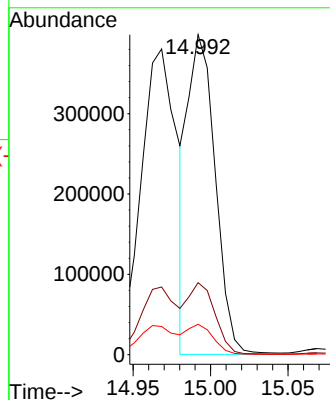
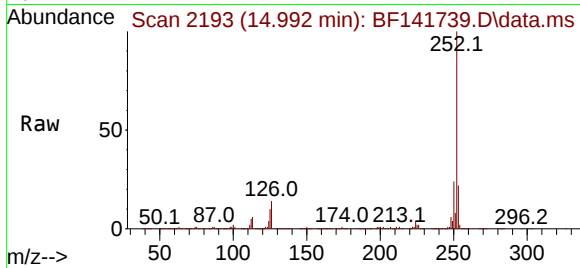




#89
Benzo(k)fluoranthene
Concen: 42.632 ng
RT: 14.992 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

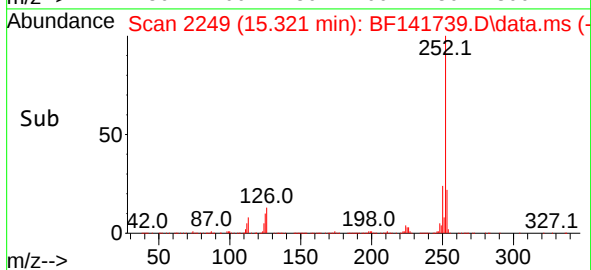
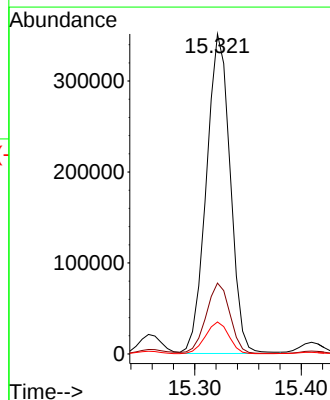
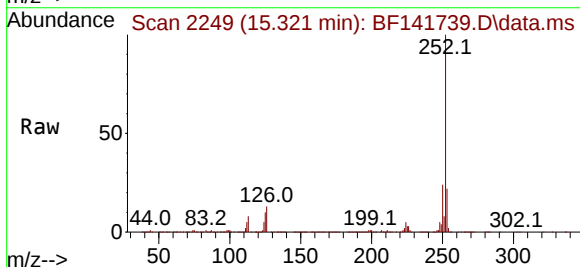
Instrument :
BNA_F
ClientSampleId :
TP8MSD

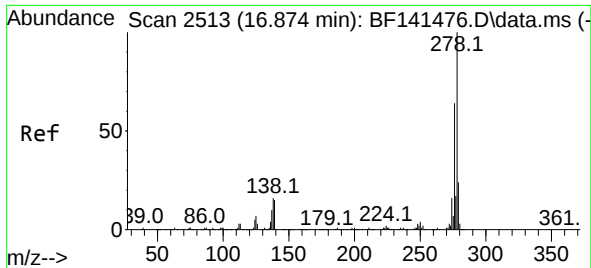
Tgt Ion:252 Resp: 491480
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 50.005 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:252 Resp: 546278
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.0 7.4 11.2

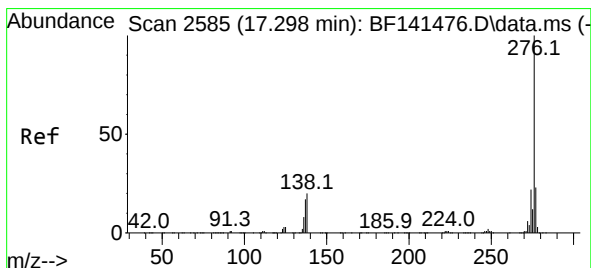
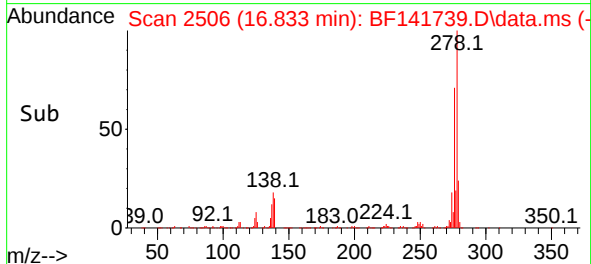
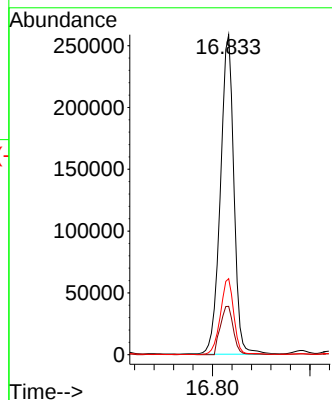
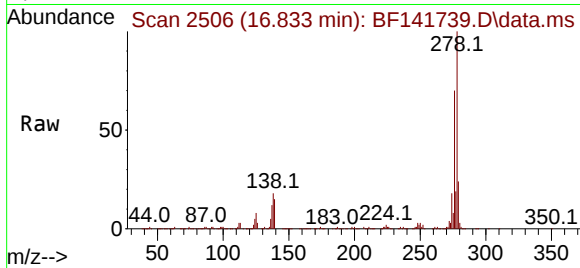




#91
Dibenzo(a,h)anthracene
Concen: 49.524 ng
RT: 16.833 min Scan# 2506
Delta R.T. -0.059 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Instrument :
BNA_F
ClientSampleId :
TP8MSD

Tgt Ion:278 Resp: 498550
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.6
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.419 ng
RT: 17.251 min Scan# 2577
Delta R.T. -0.065 min
Lab File: BF141739.D
Acq: 24 Feb 2025 12:26

Tgt Ion:276 Resp: 489001
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 19.4 15.9 23.9

