

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091225\
 Data File : BF143740.D
 Acq On : 12 Sep 2025 18:38
 Operator : RC/JU
 Sample : Q3072-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMPMSD

Quant Time: Sep 12 18:58:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	27181	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	89978	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	43028	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	69400	20.000	ng	0.01
76) Chrysene-d12	14.063	240	75216	20.000	ng	0.02
86) Perylene-d12	15.539	264	75413	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	184426	115.764	ng	0.02
7) Phenol-d6	6.516	99	201645	103.952	ng	0.01
23) Nitrobenzene-d5	7.457	82	132072	91.300	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	57383	132.333	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	269707	94.688	ng	0.00
79) Terphenyl-d14	13.004	244	226944	48.895	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	31314	44.064	ng	# 85
3) Pyridine	3.557	79	67510	36.775	ng	96
4) n-Nitrosodimethylamine	3.499	42	30747	44.093	ng	96
6) Aniline	6.557	93	27830	10.832	ng	96
8) 2-Chlorophenol	6.681	128	70668	41.071	ng	94
9) Benzaldehyde	6.446	77	36775	23.497	ng	97
10) Phenol	6.528	94	79094	36.887	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	69770	43.567	ng	96
12) 1,3-Dichlorobenzene	6.840	146	85795	43.599	ng	100
13) 1,4-Dichlorobenzene	6.916	146	88266	44.439	ng	98
14) 1,2-Dichlorobenzene	7.063	146	83259	44.390	ng	99
15) Benzyl Alcohol	7.034	79	59471	42.147	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	79531	37.959	ng	96
17) 2-Methylphenol	7.140	107	56308	40.681	ng	98
18) Hexachloroethane	7.410	117	26370	41.100	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	48430	40.651	ng	99
20) 3+4-Methylphenols	7.293	107	69774	38.281	ng	# 83
22) Acetophenone	7.298	105	109895	54.078	ng	98
24) Nitrobenzene	7.475	77	69432	46.290	ng	95
25) Isophorone	7.710	82	126454	45.588	ng	99
26) 2-Nitrophenol	7.787	139	35124	47.627	ng	97
27) 2,4-Dimethylphenol	7.822	122	62817	47.447	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	80629	47.299	ng	100
29) 2,4-Dichlorophenol	8.028	162	57240	42.980	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	67250	48.742	ng	100
31) Naphthalene	8.198	128	203519	45.691	ng	100
32) Benzoic acid	7.898	122	24624	30.486	ng	96
33) 4-Chloroaniline	8.240	127	13081	8.436	ng	99
34) Hexachlorobutadiene	8.316	225	40786	45.322	ng	98
35) Caprolactam	8.598	113	13986	39.458	ng	91
36) 4-Chloro-3-methylphenol	8.722	107	53688	40.885	ng	97
37) 2-Methylnaphthalene	8.887	142	121539	39.861	ng	100
38) 1-Methylnaphthalene	8.987	142	124707	42.618	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	70266	57.042	ng	99
41) Hexachlorocyclopentadiene	9.039	237	53537	84.655	ng	96
43) 2,4,6-Trichlorophenol	9.163	196	40165	48.830	ng	99

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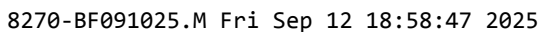
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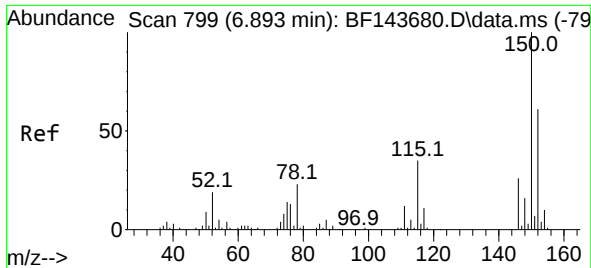
Quant Time: Sep 12 18:58:38 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	40932	48.950	ng	97
46) 1,1'-Biphenyl	9.351	154	176381	56.940	ng	99
47) 2-Chloronaphthalene	9.375	162	120407	49.582	ng	99
48) 2-Nitroaniline	9.469	65	32876	51.156	ng	97
49) Acenaphthylene	9.792	152	193421	55.603	ng	100
50) Dimethylphthalate	9.651	163	140134	50.056	ng	100
51) 2,6-Dinitrotoluene	9.710	165	28753	53.717	ng	96
52) Acenaphthene	9.969	154	111856	46.664	ng	99
53) 3-Nitroaniline	9.875	138	14685	25.493	ng	100
54) 2,4-Dinitrophenol	9.981	184	5498	23.352	ng #	1
55) Dibenzofuran	10.139	168	166657	48.350	ng	98
56) 4-Nitrophenol	10.028	139	35588	77.657	ng	99
57) 2,4-Dinitrotoluene	10.116	165	38766	53.214	ng	93
58) Fluorene	10.481	166	131696	48.810	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	30796	45.419	ng	97
60) Diethylphthalate	10.351	149	130812	49.771	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	64673	47.262	ng	100
62) 4-Nitroaniline	10.492	138	27391	50.206	ng	97
63) Azobenzene	10.633	77	112727	48.515	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	5131	14.521	ng	95
66) n-Nitrosodiphenylamine	10.592	169	112533	49.497	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	39386	47.062	ng	98
68) Hexachlorobenzene	11.028	284	40615	45.961	ng	97
69) Atrazine	11.116	200	36239	50.836	ng	99
70) Pentachlorophenol	11.222	266	33654	63.000	ng	96
71) Phenanthrene	11.445	178	183792	48.065	ng	100
72) Anthracene	11.498	178	191035	49.685	ng	99
73) Carbazole	11.651	167	171039	54.318	ng	100
74) Di-n-butylphthalate	11.980	149	204137	53.848	ng	99
75) Fluoranthene	12.633	202	208180	59.305	ng	99
77) Benzidine	12.751	184	35978	14.668	ng	98
78) Pyrene	12.863	202	212461	35.329	ng	100
80) Butylbenzylphthalate	13.480	149	92294	48.982	ng	99
81) Benzo(a)anthracene	14.051	228	229942	47.519	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	32724	21.982	ng	99
83) Chrysene	14.092	228	216996	48.963	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	136918	50.928	ng	98
85) Di-n-octyl phthalate	14.657	149	249404	51.768	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	176102	34.216	ng	99
88) Benzo(b)fluoranthene	15.110	252	224051	49.909	ng	99
89) Benzo(k)fluoranthene	15.139	252	222269	54.861	ng	99
90) Benzo(a)pyrene	15.480	252	200277	50.782	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	148976	34.888	ng	98
92) Benzo(g,h,i)perylene	17.492	276	130099	32.573	ng	98

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

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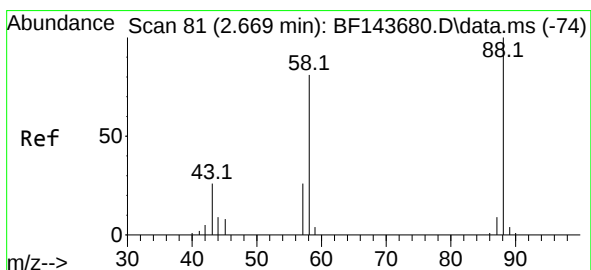
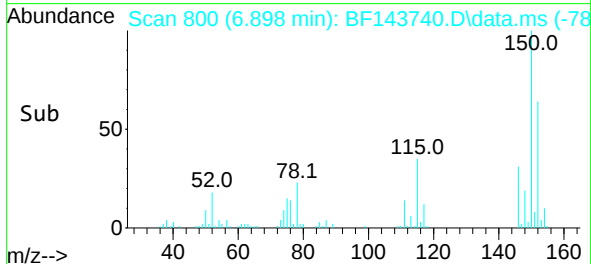
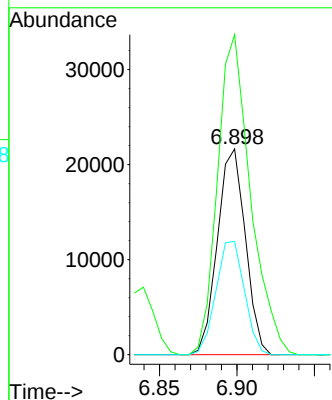
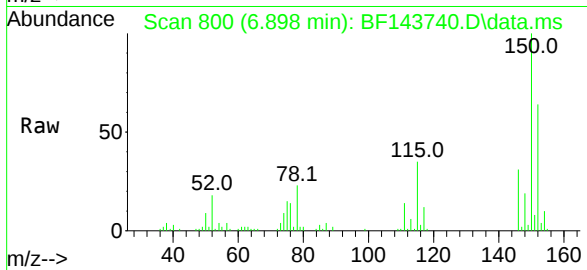




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

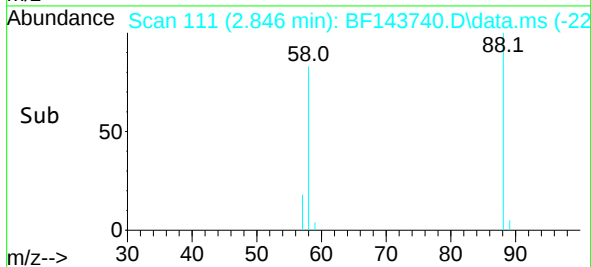
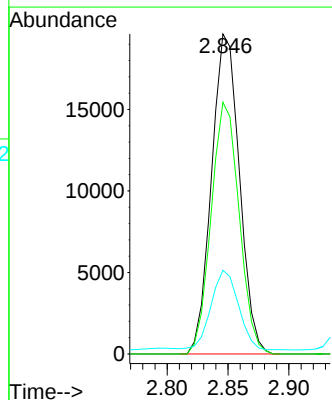
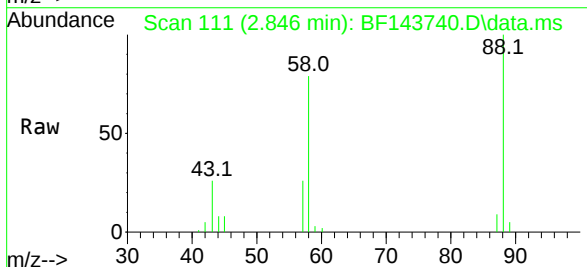
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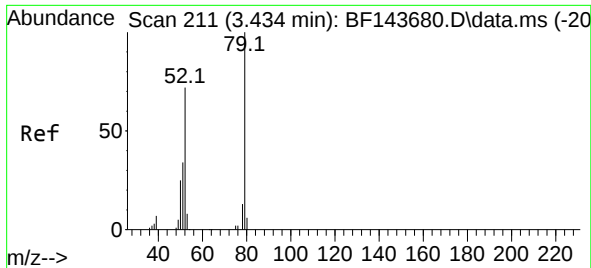
Tgt Ion:152 Resp: 27181
 Ion Ratio Lower Upper
 152 100
 150 155.5 130.7 196.1
 115 55.1 45.9 68.9



#2
 1,4-Dioxane
 Concen: 44.064 ng
 RT: 2.846 min Scan# 111
 Delta R.T. 0.176 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

Tgt Ion: 88 Resp: 31314
 Ion Ratio Lower Upper
 88 100
 58 78.6 65.8 98.6
 43 0.0 20.6 31.0#

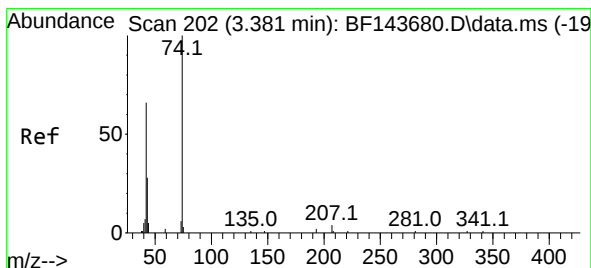
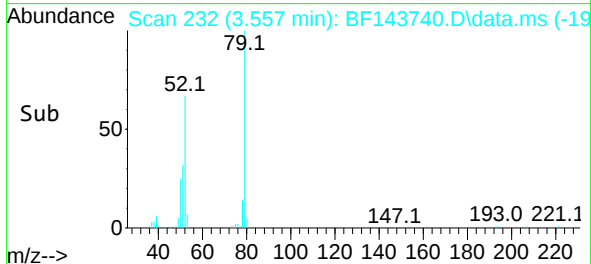
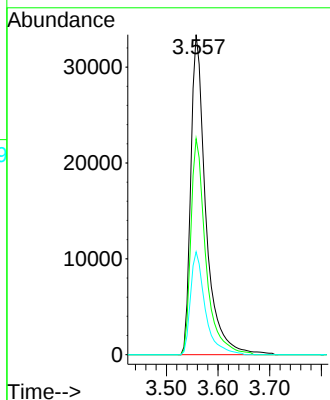
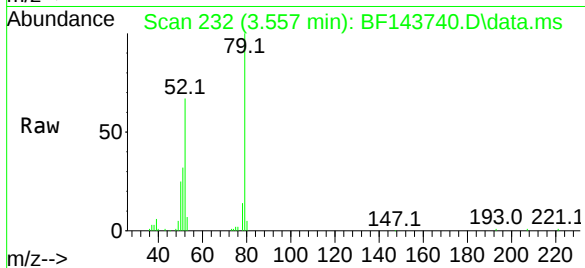




#3
Pyridine
Concen: 36.775 ng
RT: 3.557 min Scan# 211
Delta R.T. 0.123 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

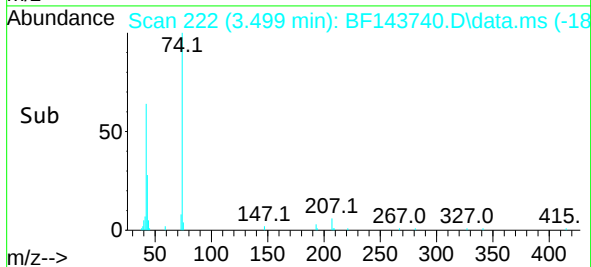
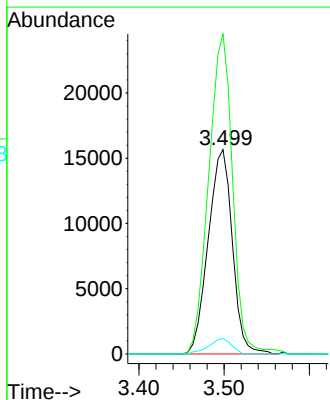
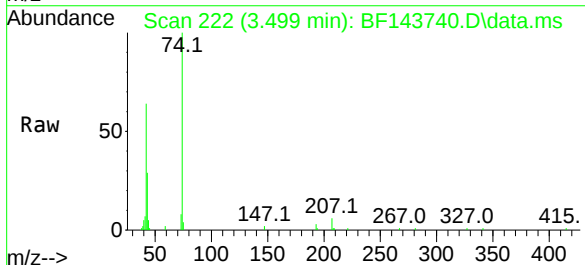
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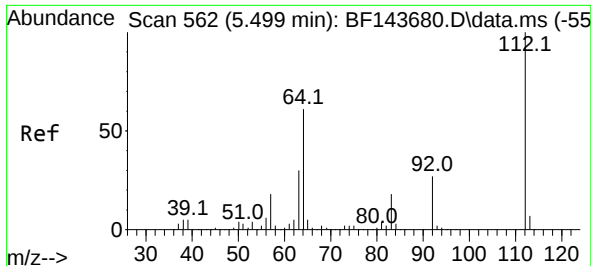
Tgt Ion: 79 Resp: 67510
Ion Ratio Lower Upper
79 100
52 67.5 57.2 85.8
51 32.2 27.0 40.6



#4
n-Nitrosodimethylamine
Concen: 44.093 ng
RT: 3.499 min Scan# 222
Delta R.T. 0.118 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion: 42 Resp: 30747
Ion Ratio Lower Upper
42 100
74 156.6 120.9 181.3
44 7.6 6.5 9.7

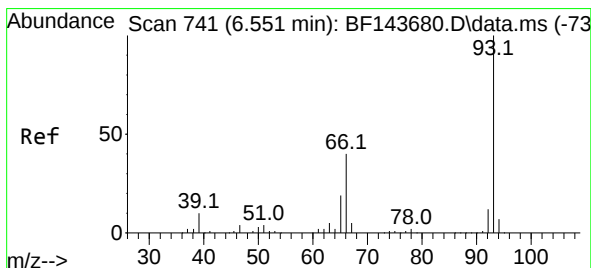
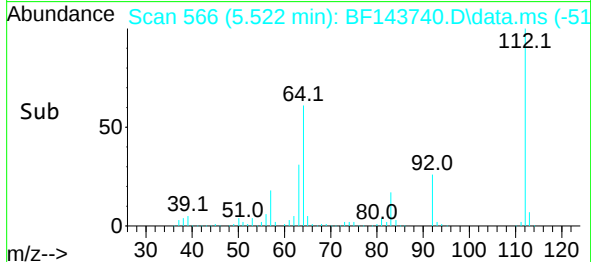
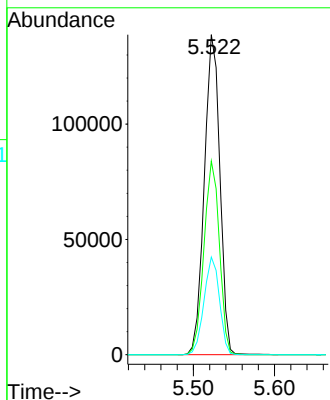
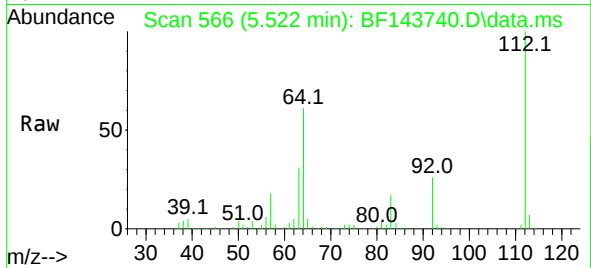




#5
2-Fluorophenol
Concen: 115.764 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

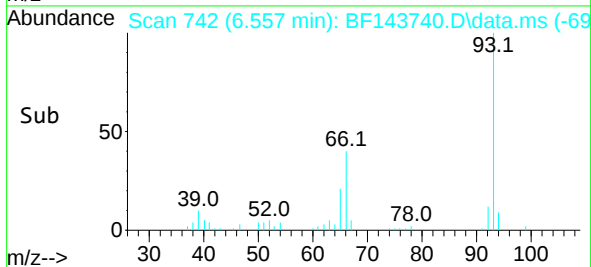
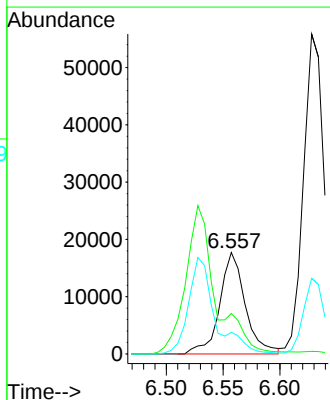
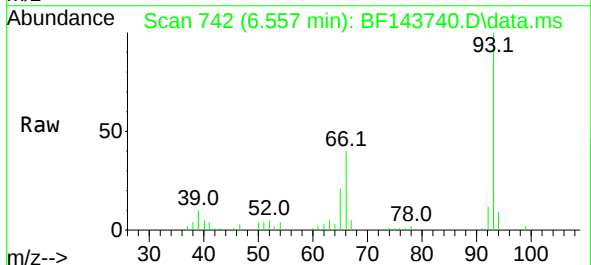
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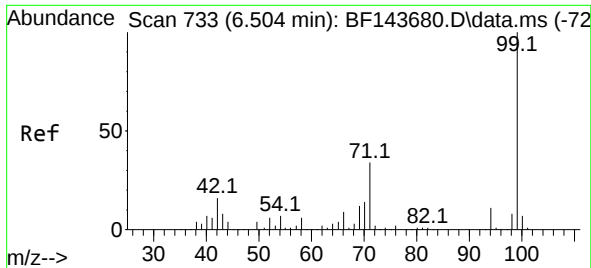
Tgt Ion:112 Resp: 184426
Ion Ratio Lower Upper
112 100
64 60.5 49.0 73.4
63 30.5 24.3 36.5



#6
Aniline
Concen: 10.832 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion: 93 Resp: 27830
Ion Ratio Lower Upper
93 100
66 39.9 34.1 51.1
65 21.3 16.1 24.1

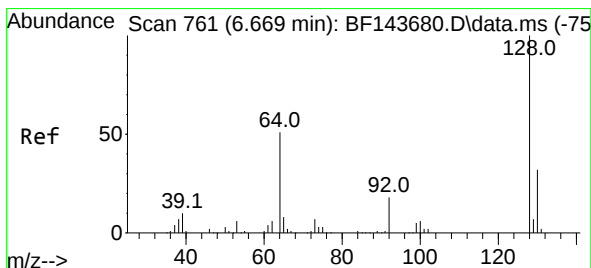
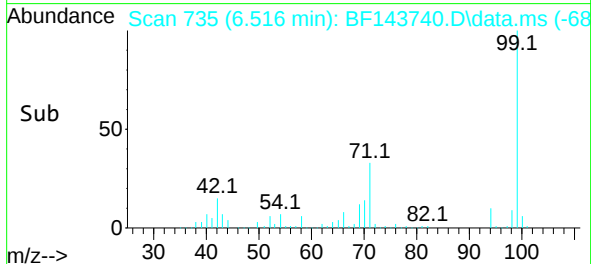
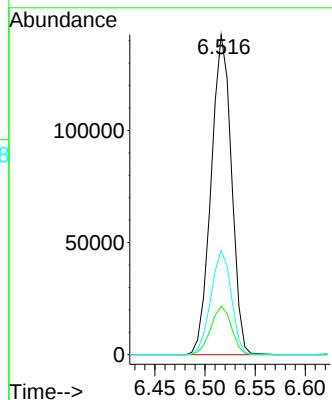
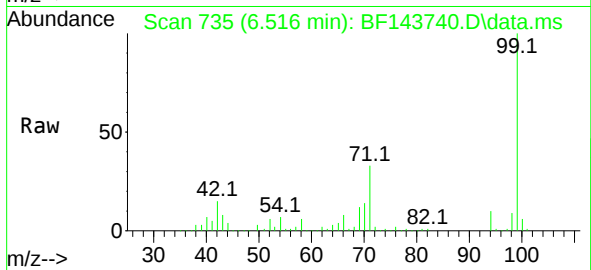




#7
Phenol-d6
Concen: 103.952 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

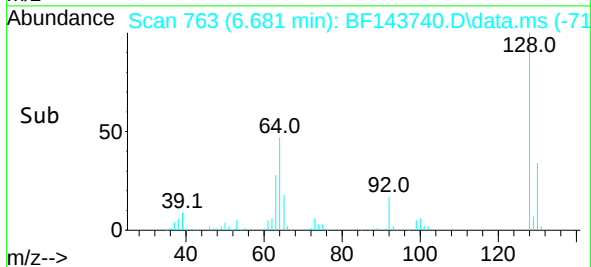
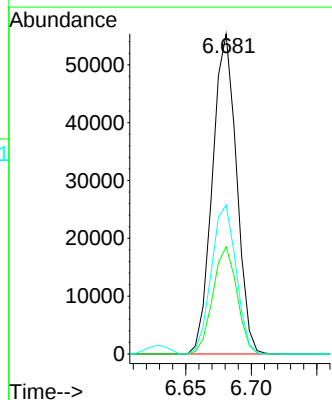
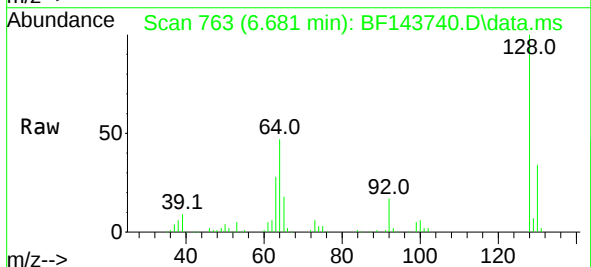
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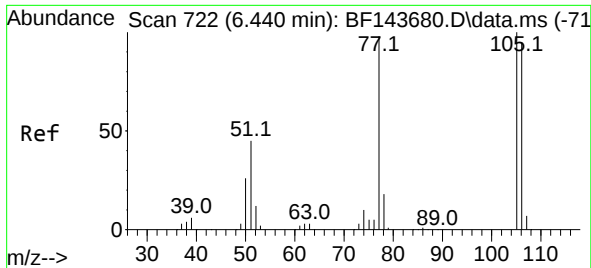
Tgt Ion: 99 Resp: 201645
Ion Ratio Lower Upper
99 100
42 15.2 13.0 19.4
71 32.6 27.4 41.2



#8
2-Chlorophenol
Concen: 41.071 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:128 Resp: 70668
Ion Ratio Lower Upper
128 100
130 33.5 12.0 52.0
64 46.5 31.9 71.9





#9

Benzaldehyde

Concen: 23.497 ng

RT: 6.446 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD

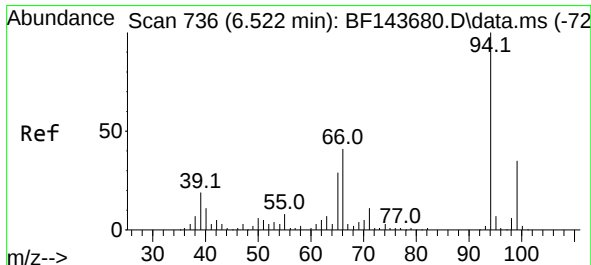
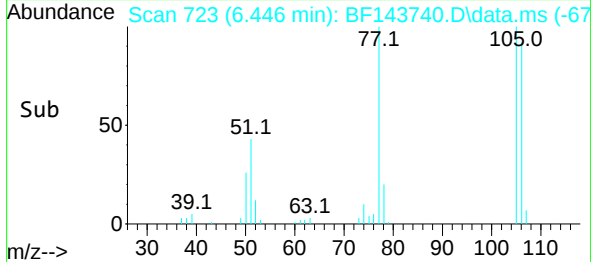
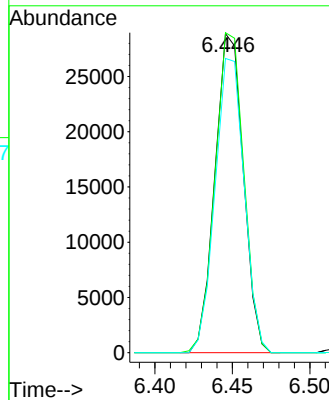
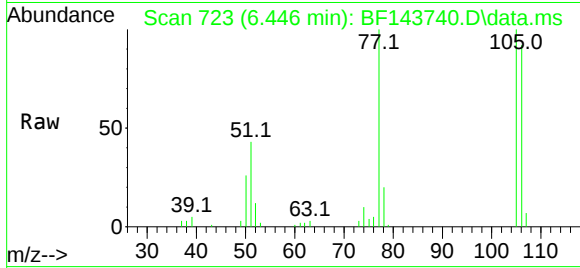
Tgt Ion: 77 Resp: 36775

Ion Ratio Lower Upper

77 100

105 100.3 81.7 121.7

106 92.2 76.9 116.9



#10

Phenol

Concen: 36.887 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

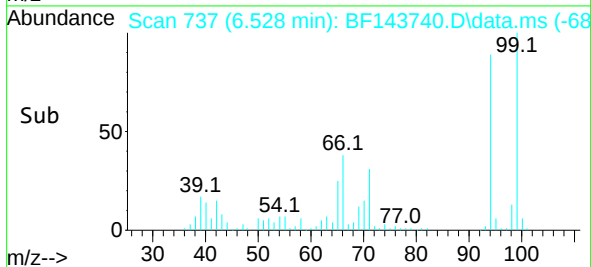
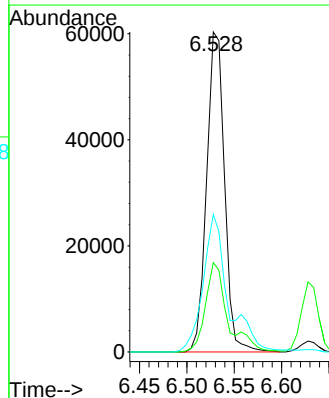
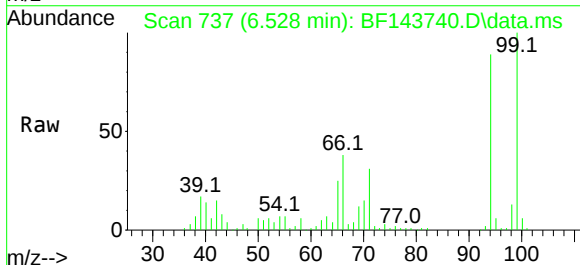
Tgt Ion: 94 Resp: 79094

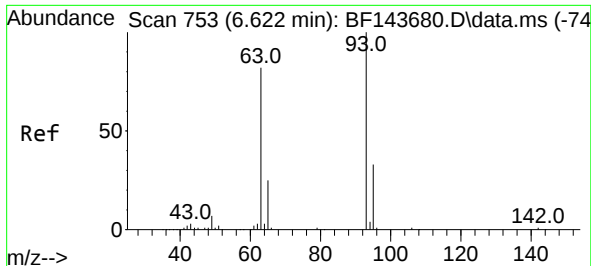
Ion Ratio Lower Upper

94 100

65 27.9 9.1 49.1

66 42.9 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 43.567 ng

RT: 6.628 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD

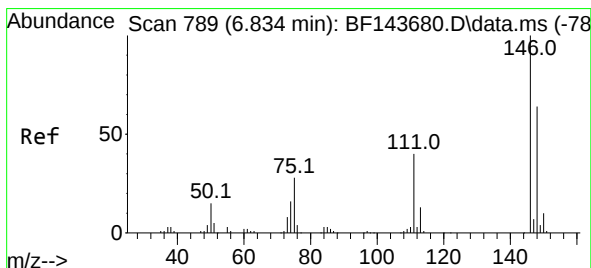
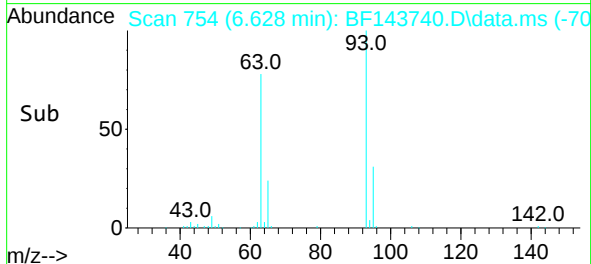
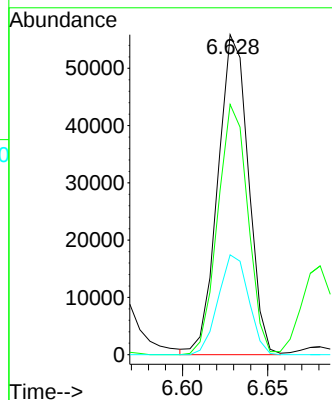
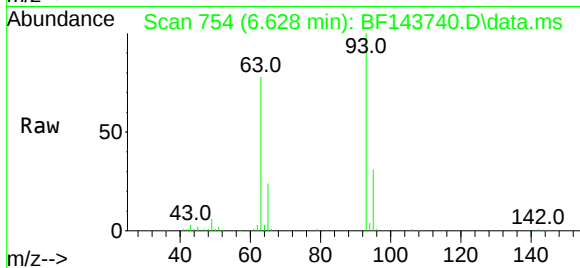
Tgt Ion: 93 Resp: 69770

Ion Ratio Lower Upper

93 100

63 78.2 61.8 101.8

95 31.2 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 43.599 ng

RT: 6.840 min Scan# 790

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

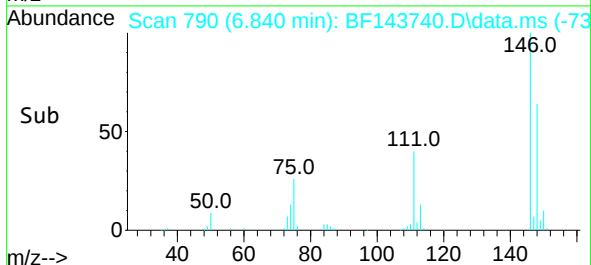
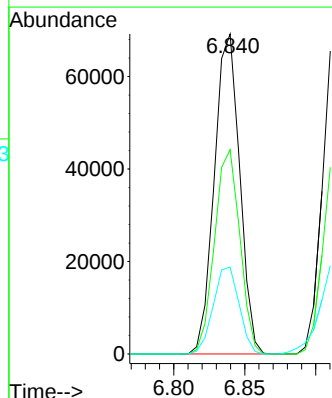
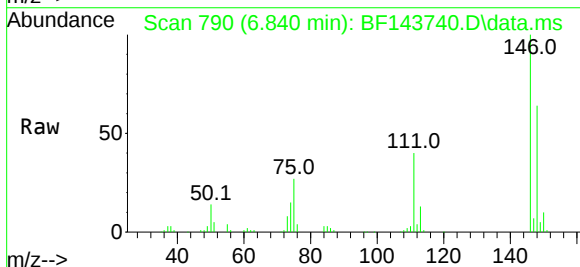
Tgt Ion:146 Resp: 85795

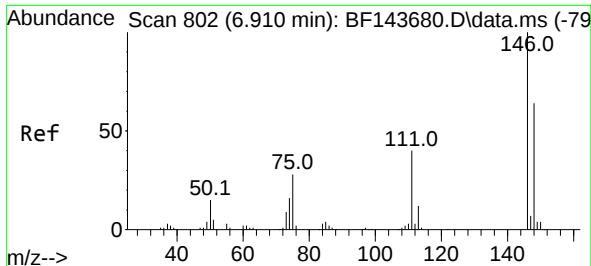
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

75 27.2 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 44.439 ng

RT: 6.916 min Scan# 802

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD

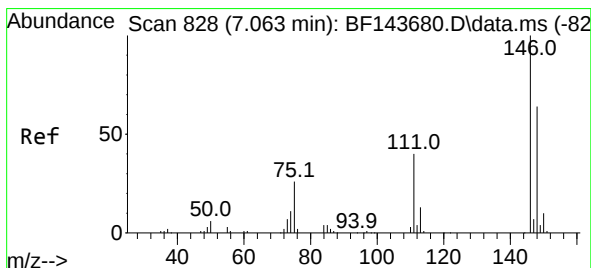
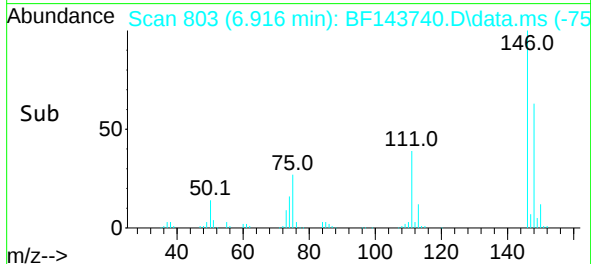
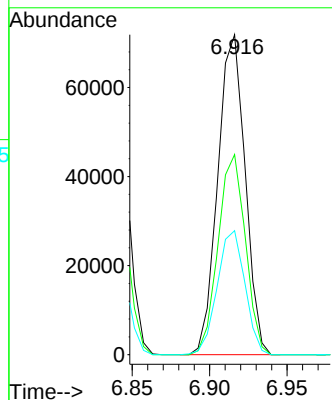
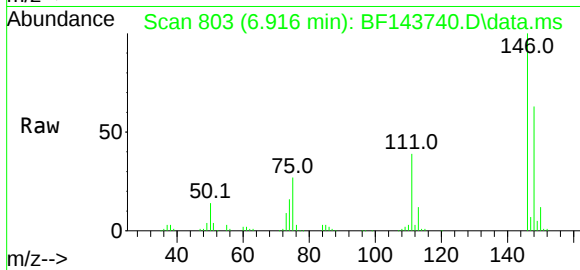
Tgt Ion:146 Resp: 88266

Ion Ratio Lower Upper

146 100

148 62.6 51.2 76.8

111 38.8 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 44.390 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

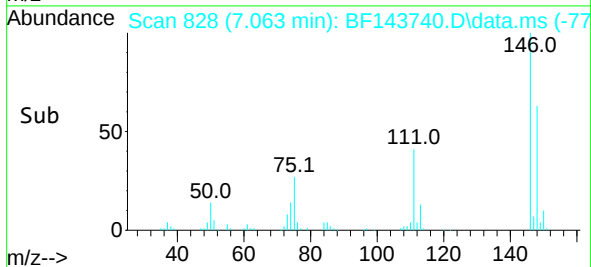
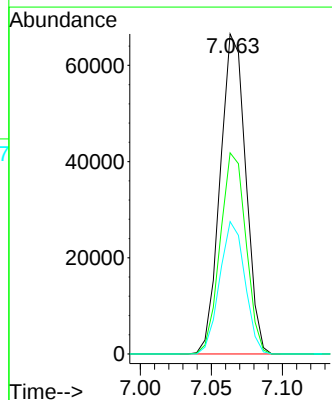
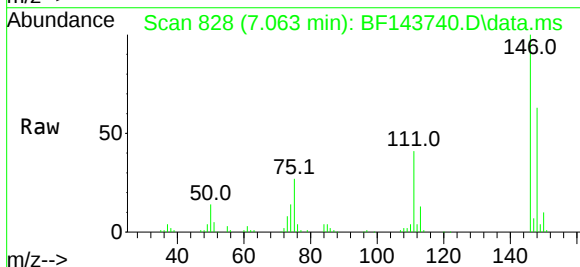
Tgt Ion:146 Resp: 83259

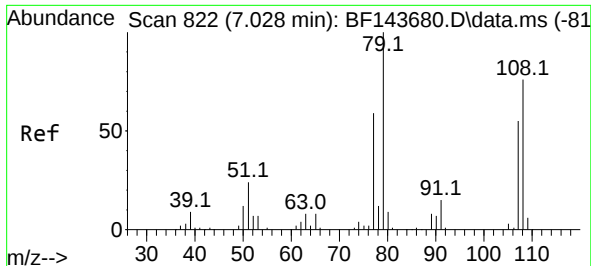
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

111 41.3 32.3 48.5

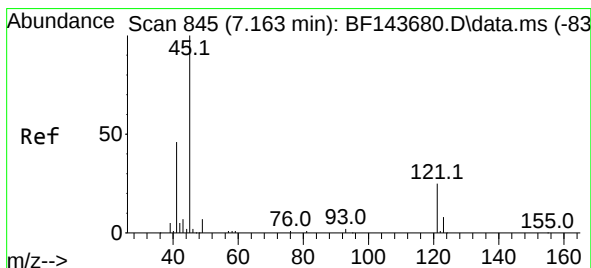
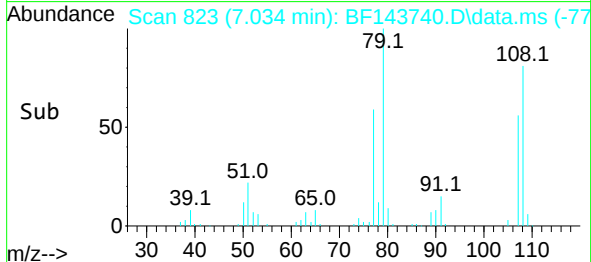
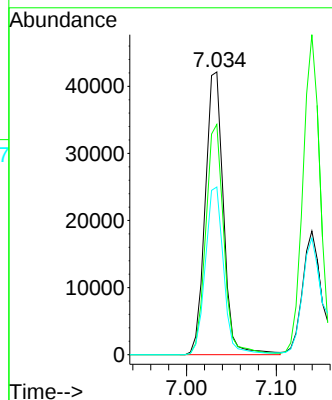
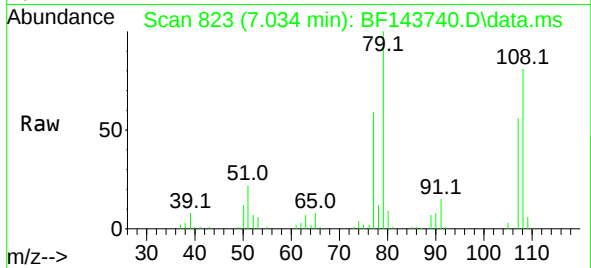




#15
Benzyl Alcohol
Concen: 42.147 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

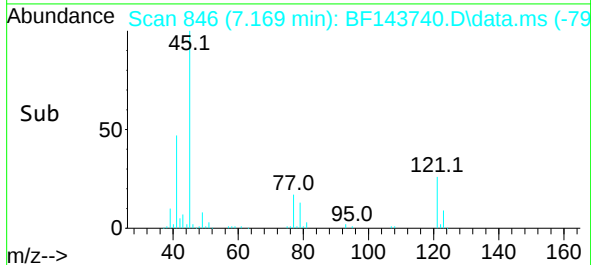
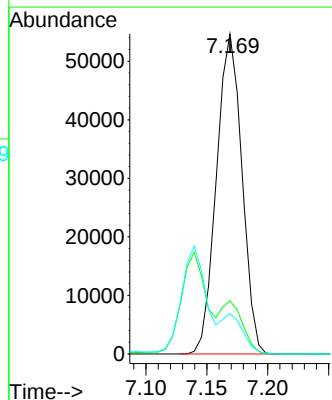
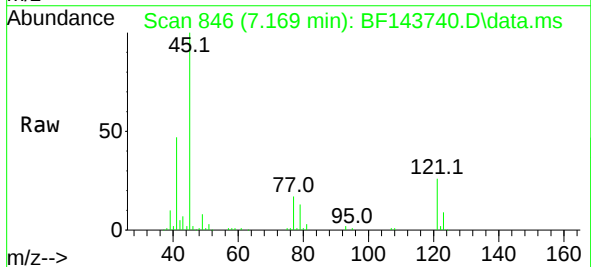
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

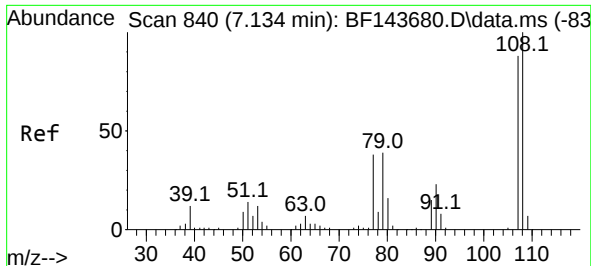
Tgt Ion: 79 Resp: 59471
Ion Ratio Lower Upper
79 100
108 81.4 60.9 91.3
77 59.3 47.4 71.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.959 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion: 45 Resp: 79531
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.6
79 12.5 0.0 31.3

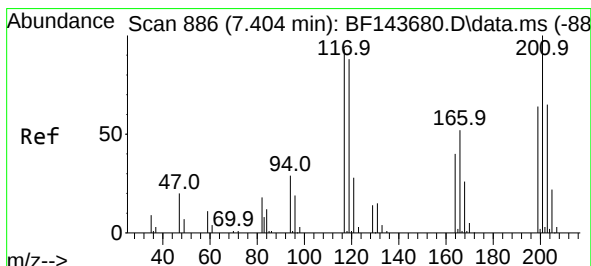
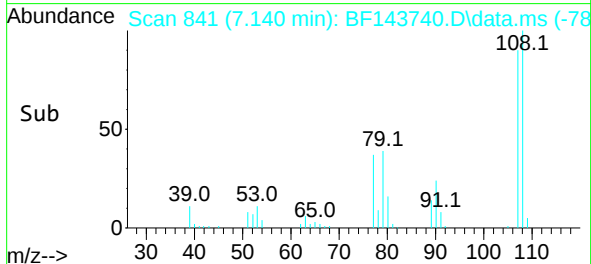
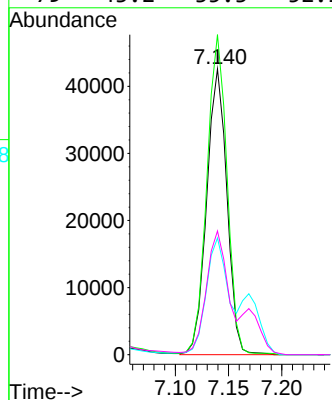
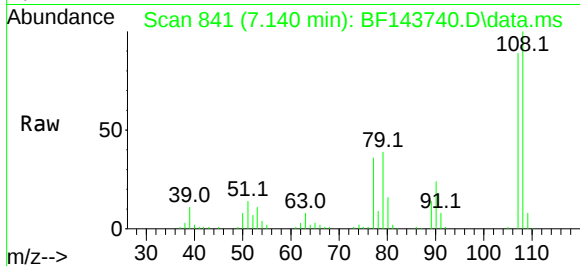




#17
2-Methylphenol
Concen: 40.681 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

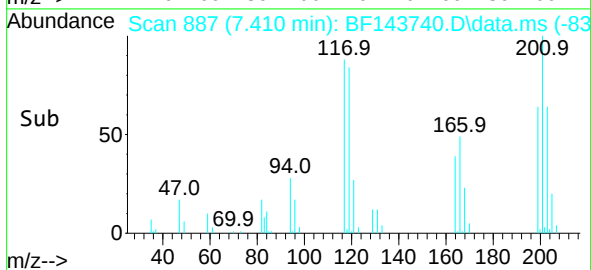
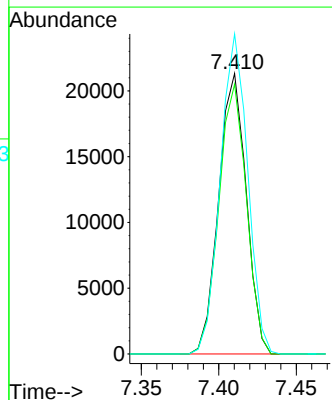
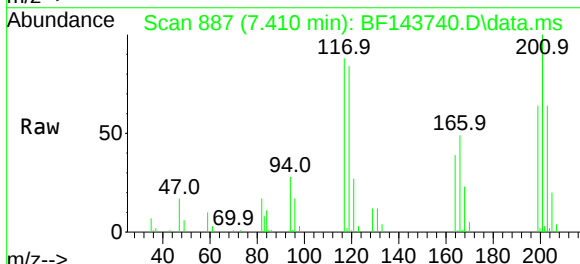
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

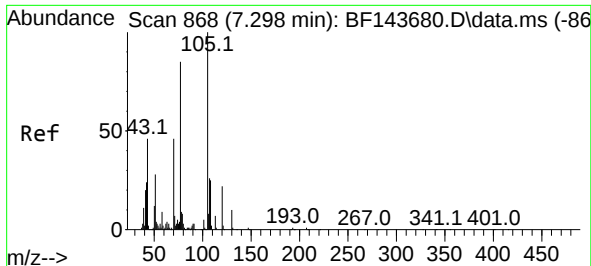
Tgt Ion:	107	Resp:	56308
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.9	136.3
77	40.8	34.4	51.6
79	43.2	35.3	52.9



#18
Hexachloroethane
Concen: 41.100 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:	117	Resp:	26370
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.2
201	114.1	86.4	129.6

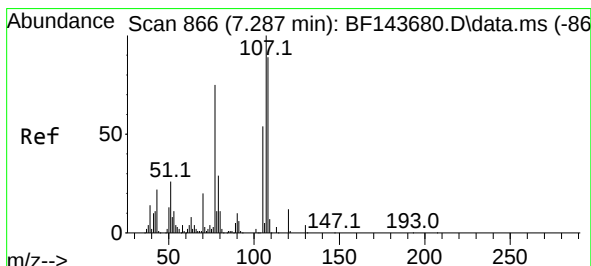
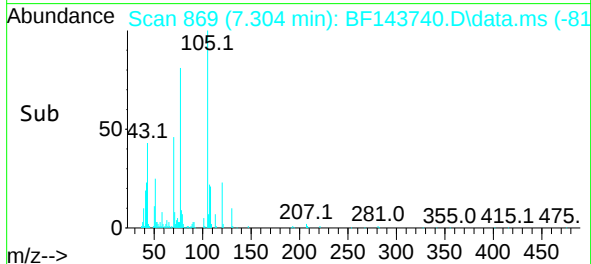
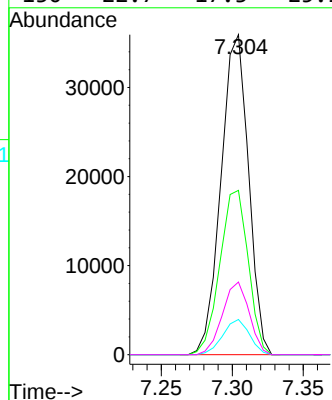
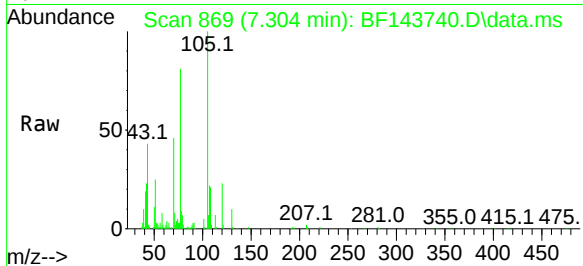




#19
n-Nitroso-di-n-propylamine
Concen: 40.651 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

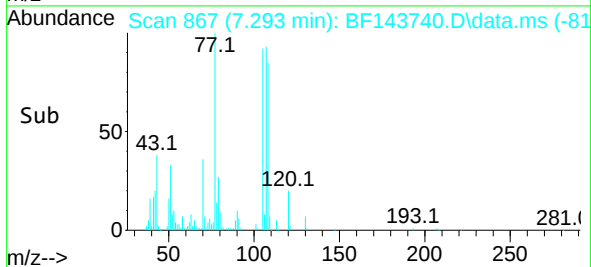
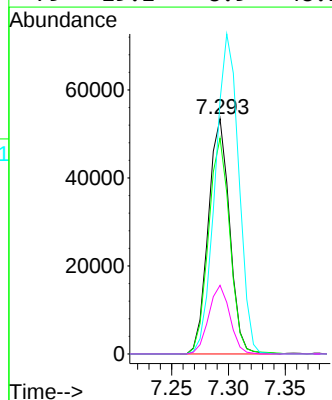
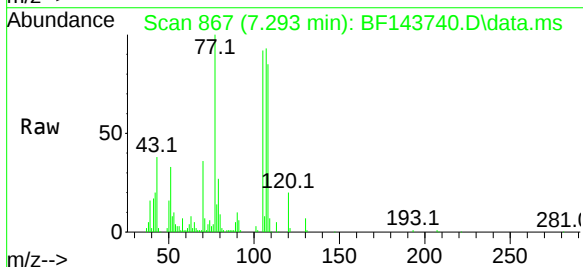
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

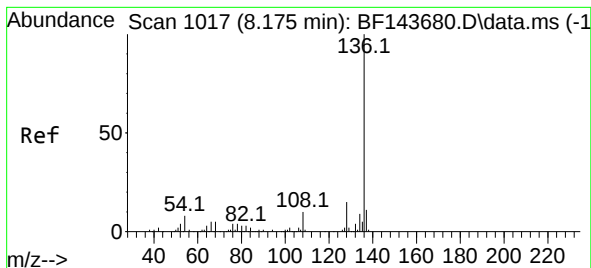
Tgt Ion:	70	Resp:	48430
Ion	Ratio	Lower	Upper
70	100		
42	51.4	41.4	62.2
101	11.0	8.1	12.1
130	22.7	17.3	25.9



#20
3+4-Methylphenols
Concen: 38.281 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:	107	Resp:	69774
Ion	Ratio	Lower	Upper
107	100		
108	91.7	68.6	108.6
77	107.6	54.6	94.6#
79	29.2	8.9	48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BF143740.D

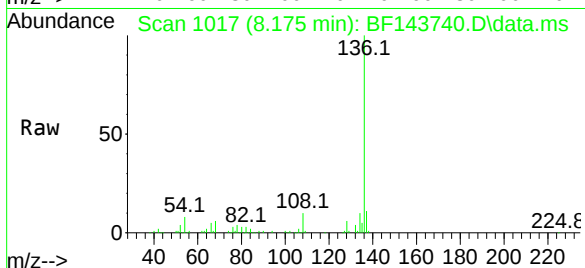
Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD



Tgt Ion:136 Resp: 89978

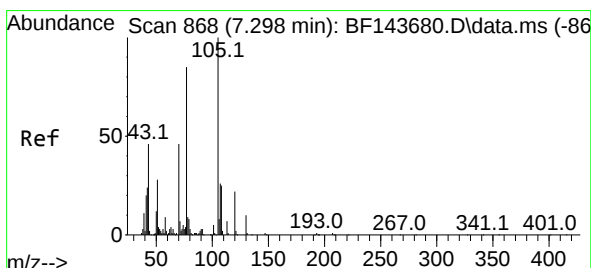
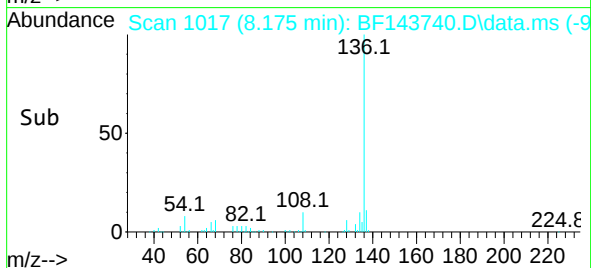
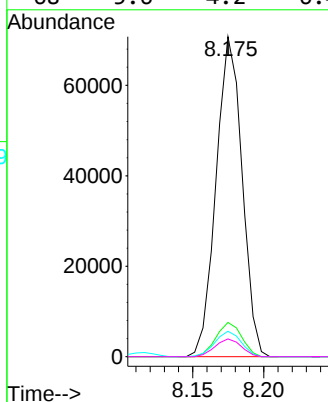
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.0 6.2 9.2

68 5.6 4.2 6.4



#22

Acetophenone

Concen: 54.078 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.000 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Tgt Ion:105 Resp: 109895

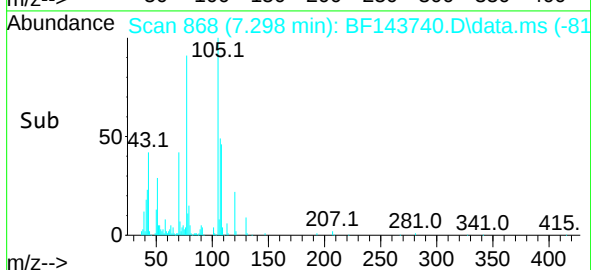
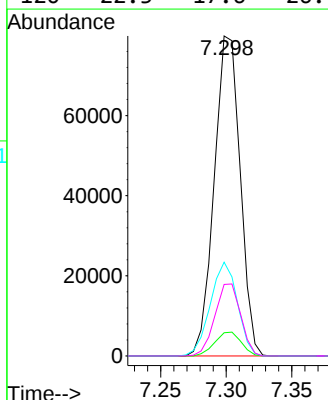
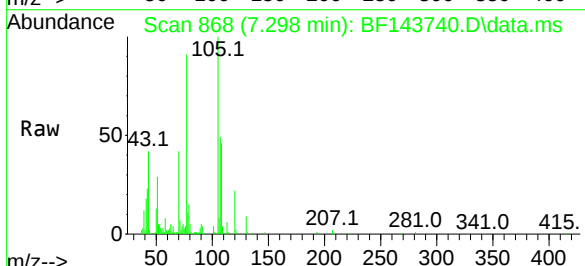
Ion Ratio Lower Upper

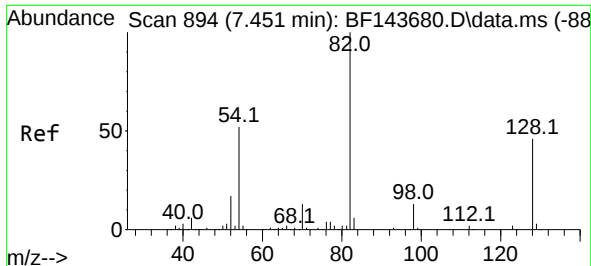
105 100

71 7.3 5.9 8.9

51 29.3 22.4 33.6

120 22.3 17.6 26.4





#23

Nitrobenzene-d5

Concen: 91.300 ng

RT: 7.457 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD

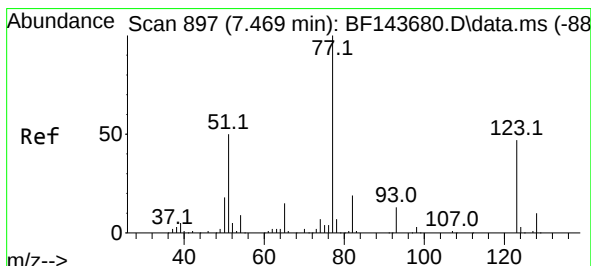
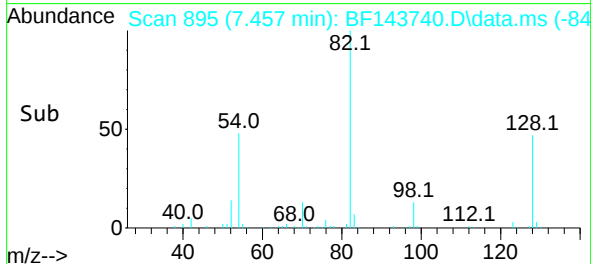
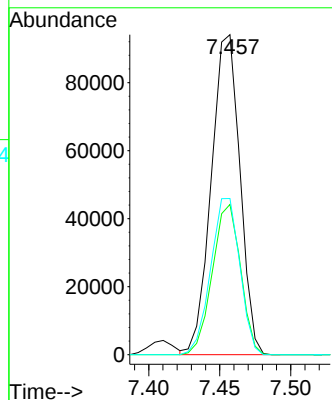
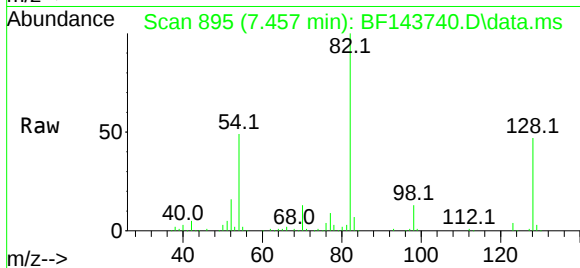
Tgt Ion: 82 Resp: 132072

Ion Ratio Lower Upper

82 100

128 47.0 37.0 55.4

54 48.8 41.8 62.8



#24

Nitrobenzene

Concen: 46.290 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

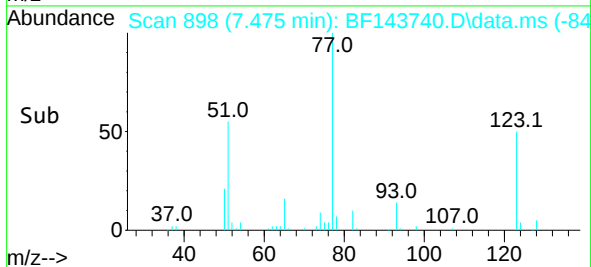
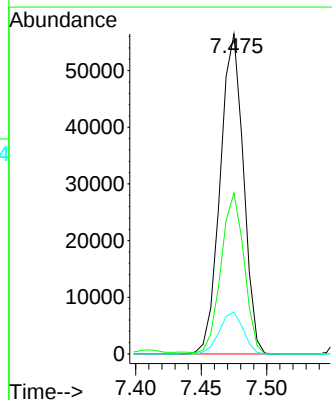
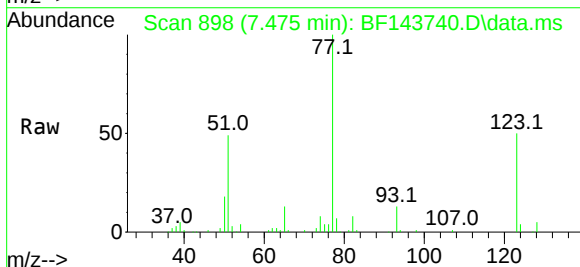
Tgt Ion: 77 Resp: 69432

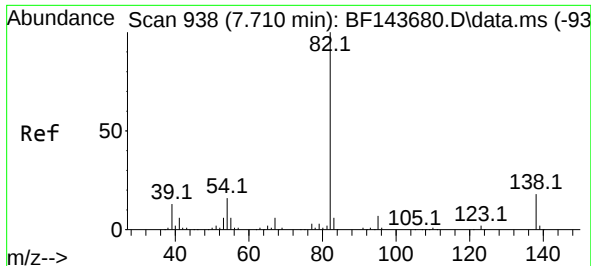
Ion Ratio Lower Upper

77 100

123 50.3 37.4 56.0

65 13.1 11.6 17.4

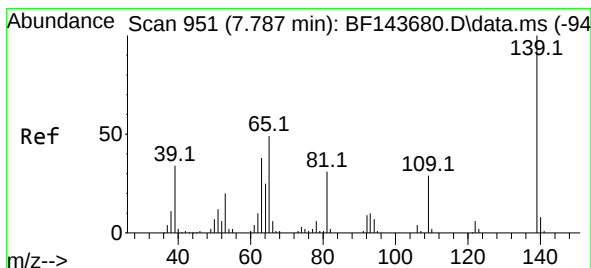
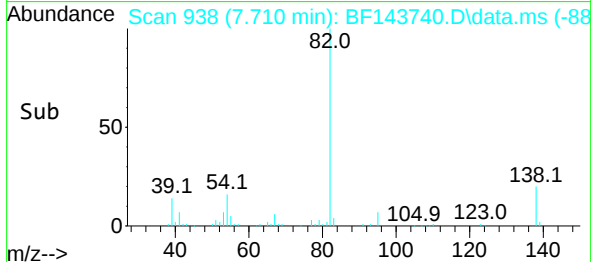
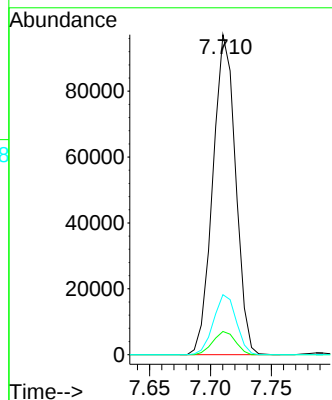
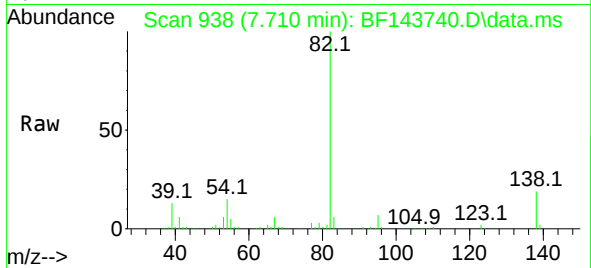




#25
Isophorone
Concen: 45.588 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

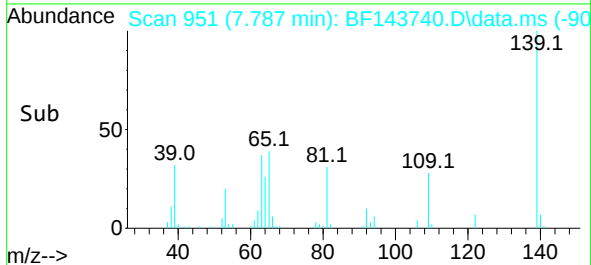
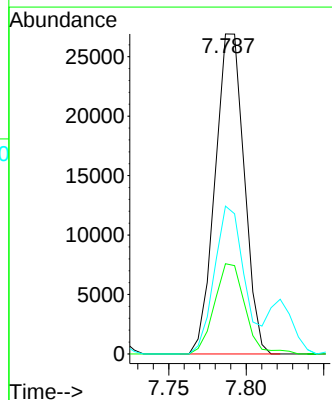
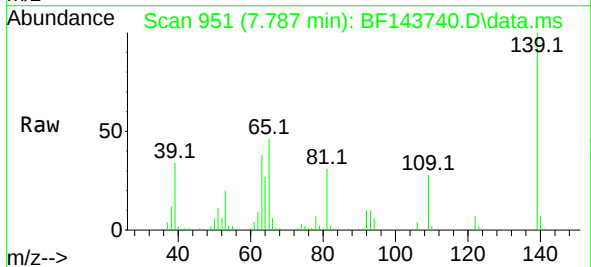
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

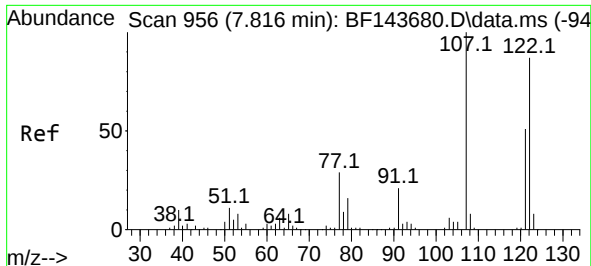
Tgt Ion: 82 Resp: 126454
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.7 14.8 22.2



#26
2-Nitrophenol
Concen: 47.627 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.000 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:139 Resp: 35124
Ion Ratio Lower Upper
139 100
109 28.2 22.8 34.2
65 46.2 39.2 58.8

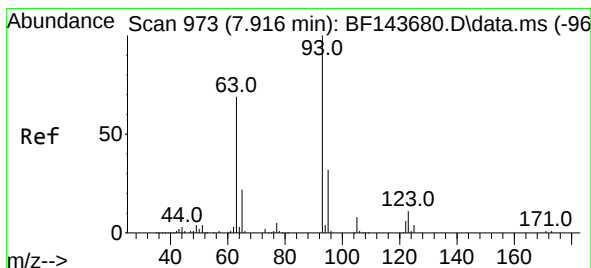
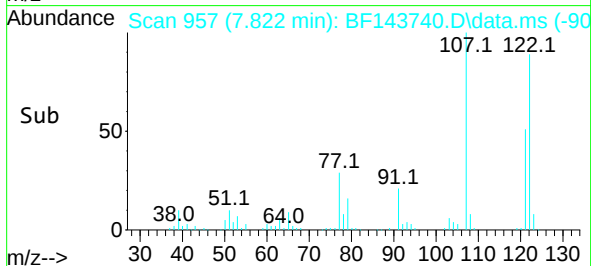
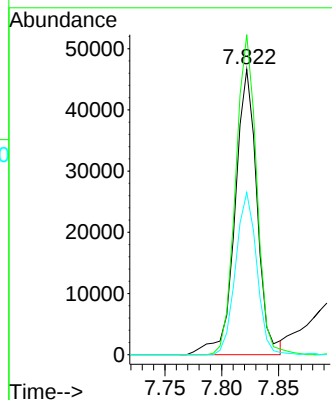
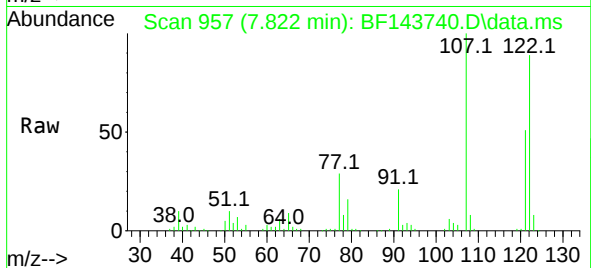




#27
2,4-Dimethylphenol
Concen: 47.447 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

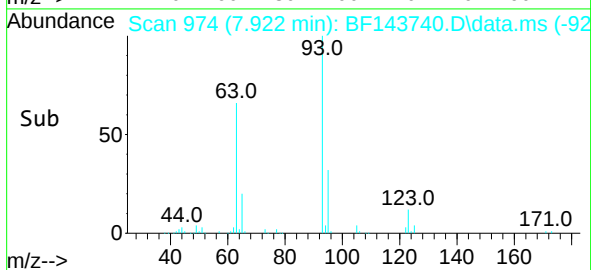
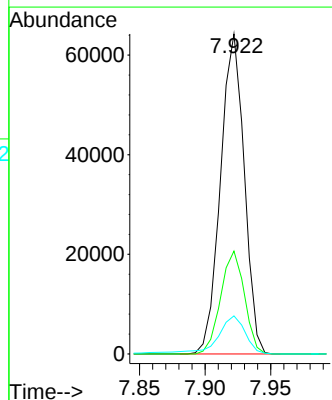
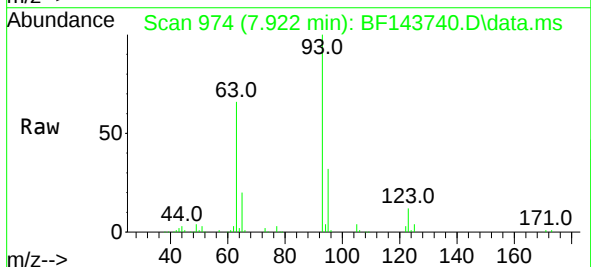
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

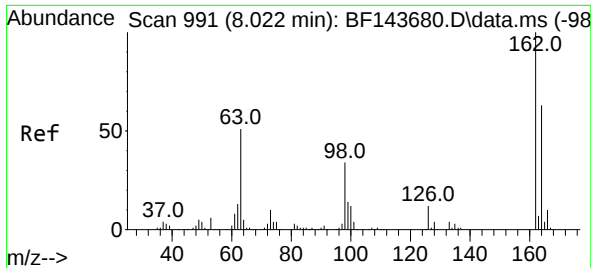
Tgt Ion:122 Resp: 62817
Ion Ratio Lower Upper
122 100
107 112.2 92.1 138.1
121 56.9 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 47.299 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion: 93 Resp: 80629
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 11.9 9.6 14.4

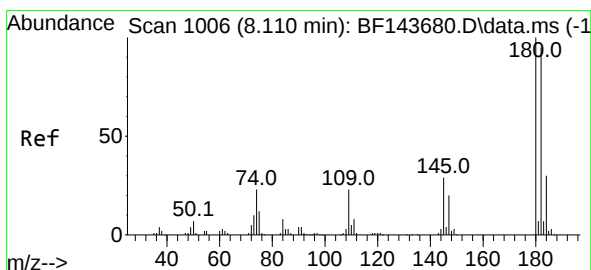
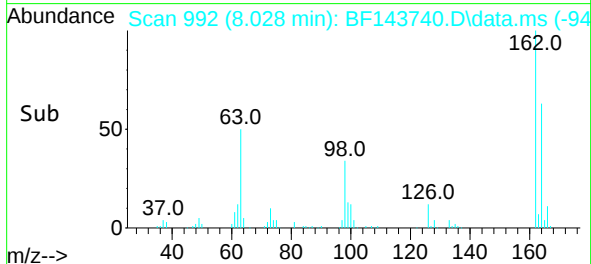
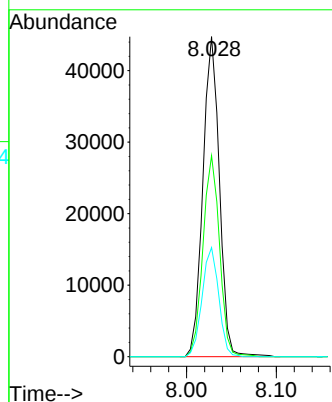
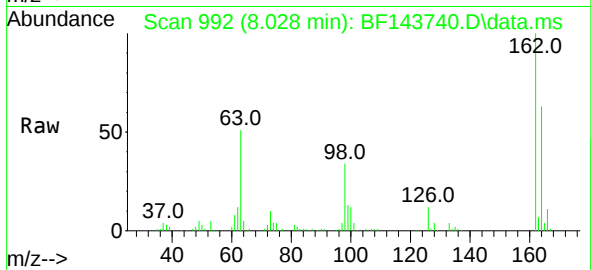




#29
2,4-Dichlorophenol
Concen: 42.980 ng
RT: 8.028 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

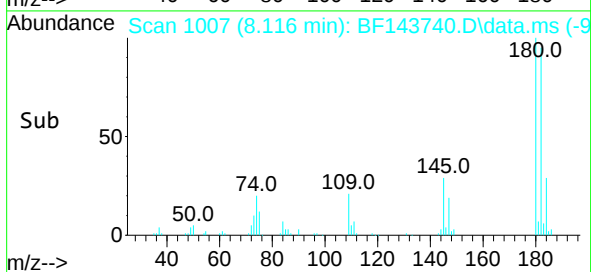
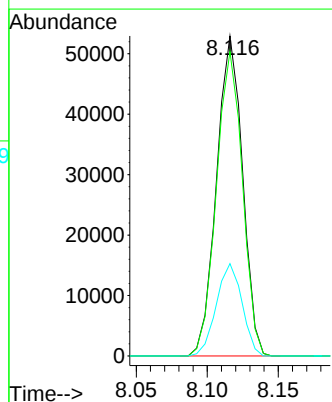
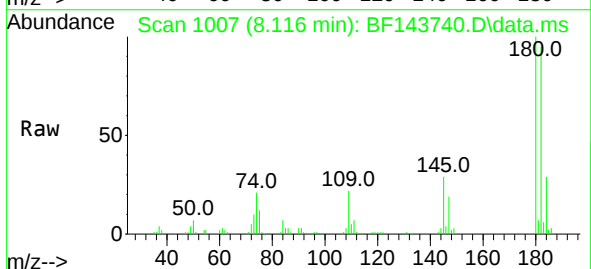
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

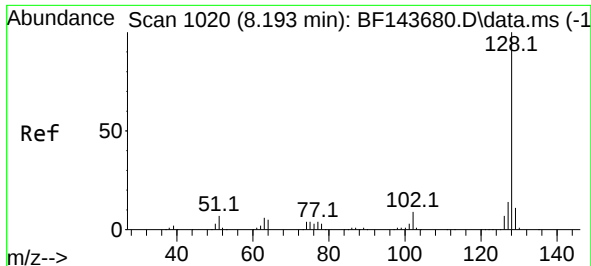
Tgt Ion:162 Resp: 57240
Ion Ratio Lower Upper
162 100
164 62.8 43.0 83.0
98 34.1 13.8 53.8



#30
1,2,4-Trichlorobenzene
Concen: 48.742 ng
RT: 8.116 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:180 Resp: 67250
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.4
145 28.9 23.2 34.8

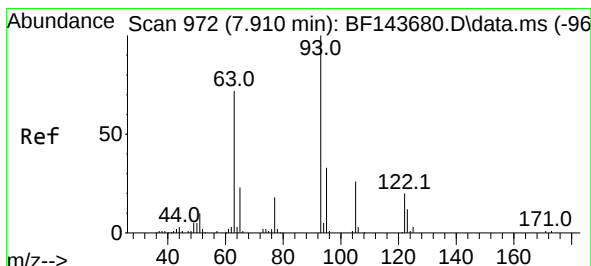
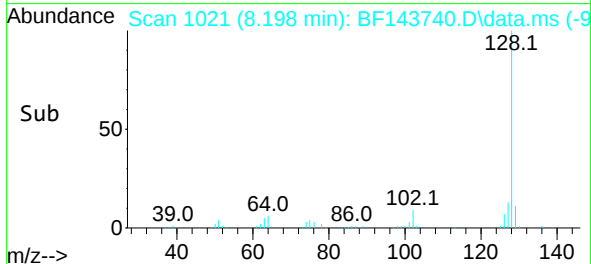
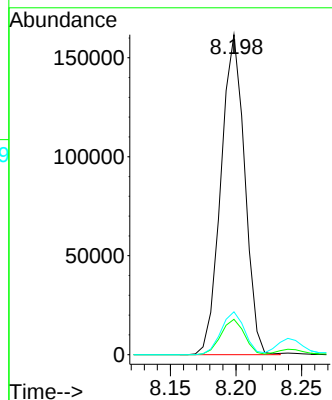
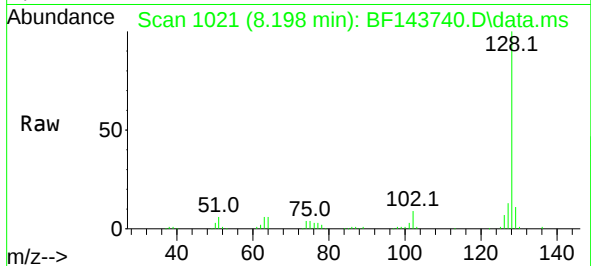




#31
Naphthalene
Concen: 45.691 ng
RT: 8.198 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

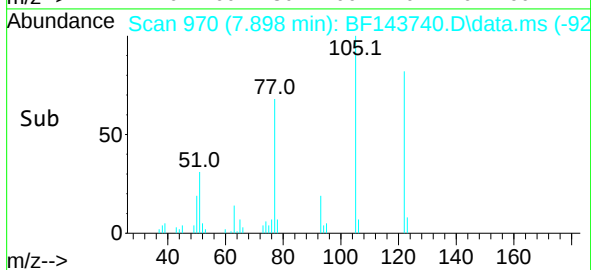
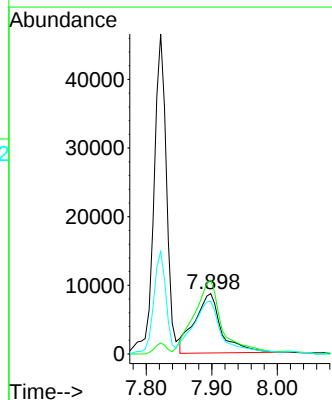
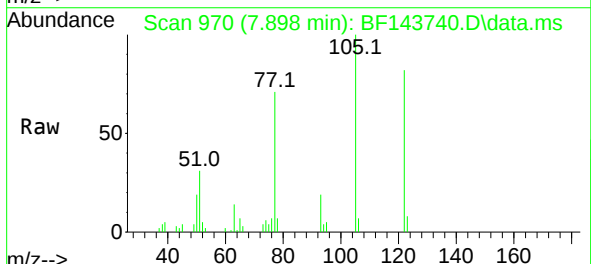
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

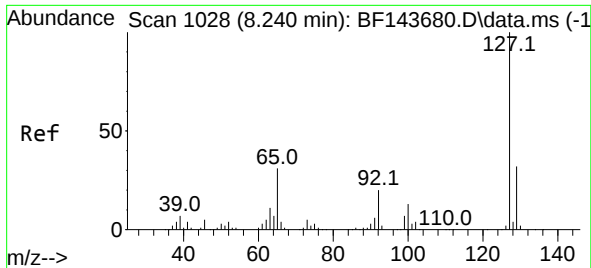
Tgt Ion:128 Resp: 203519
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 30.486 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:122 Resp: 24624
Ion Ratio Lower Upper
122 100
105 122.4 105.2 145.2
77 87.1 72.0 112.0

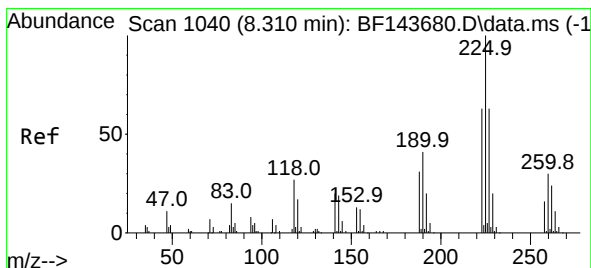
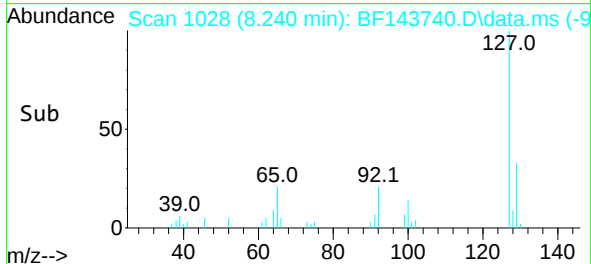
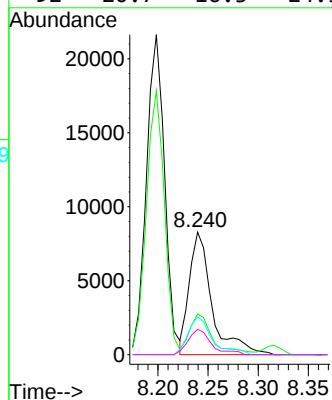
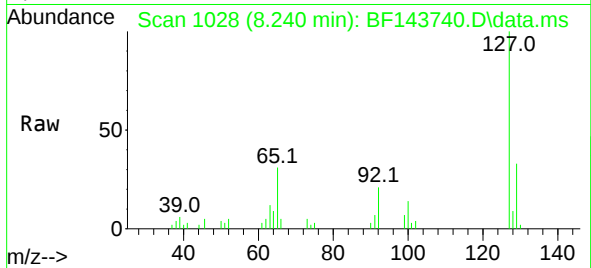




#33
4-Chloroaniline
Concen: 8.436 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

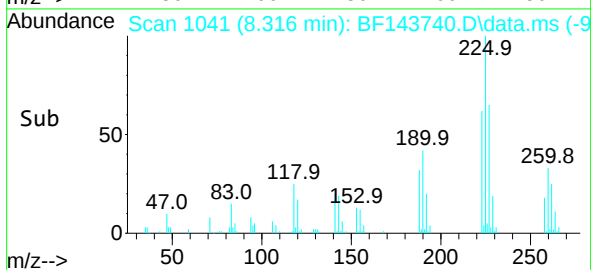
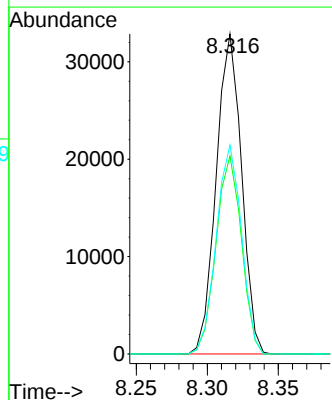
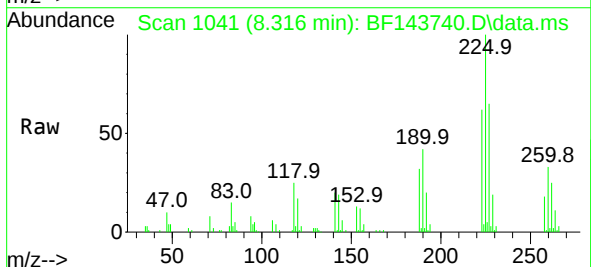
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

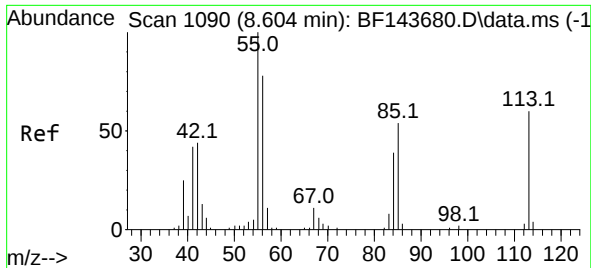
Tgt Ion:127	Resp:	13081
Ion	Ratio	Lower Upper
127	100	
129	33.3	26.0 39.0
65	30.9	24.6 36.8
92	20.7	16.3 24.5



#34
Hexachlorobutadiene
Concen: 45.322 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:225	Resp:	40786
Ion	Ratio	Lower Upper
225	100	
223	61.9	50.6 76.0
227	65.3	50.8 76.2

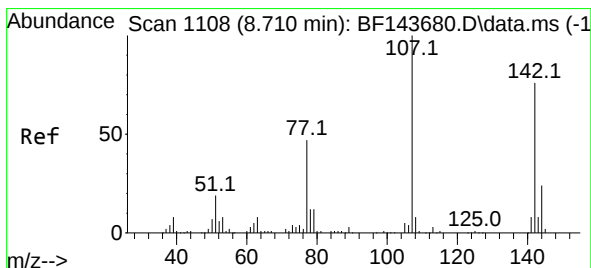
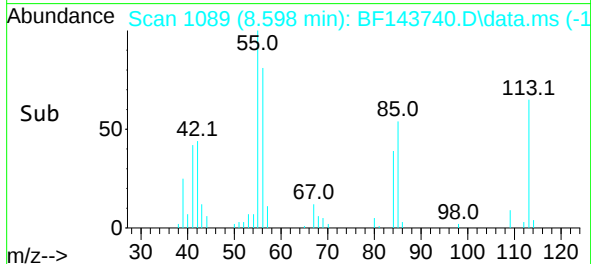
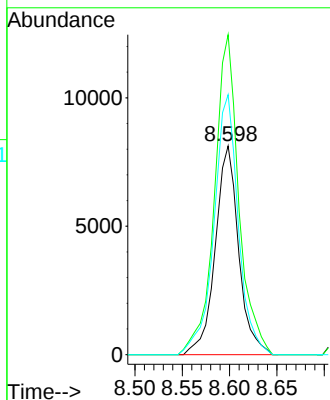
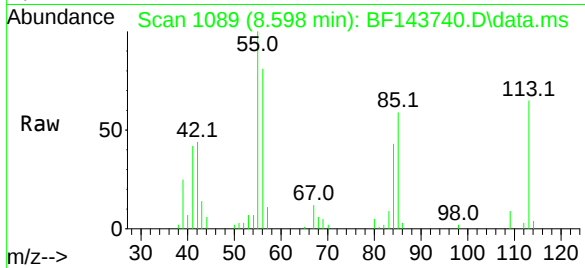




#35
 Caprolactam
 Concen: 39.458 ng
 RT: 8.598 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

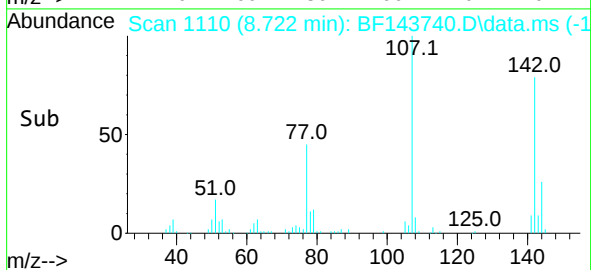
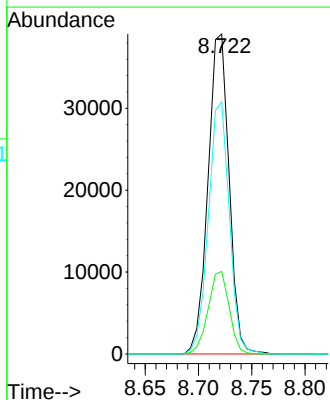
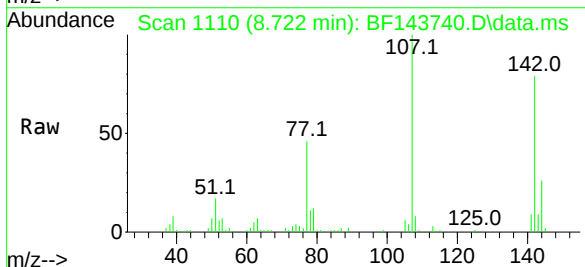
Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMPMSD

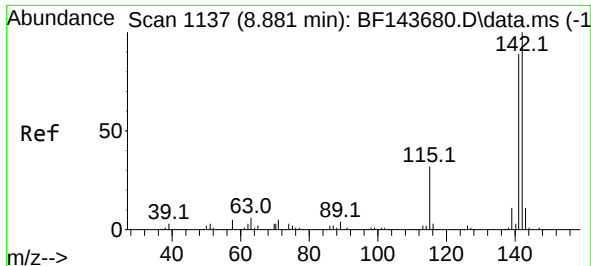
Tgt Ion:113 Resp: 13986
 Ion Ratio Lower Upper
 113 100
 55 153.3 148.9 188.9
 56 124.6 112.8 152.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.885 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.012 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

Tgt Ion:107 Resp: 53688
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.4 29.2
 142 78.8 60.6 91.0

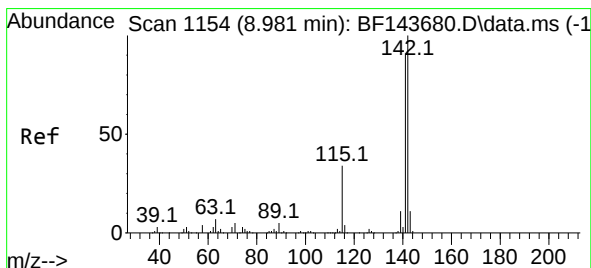
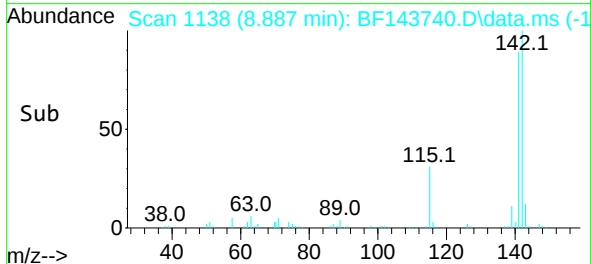
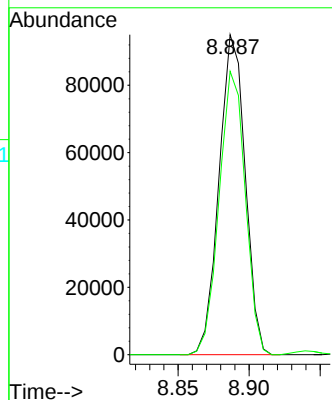
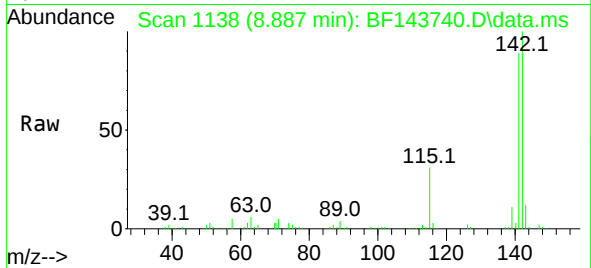




#37
2-Methylnaphthalene
Concen: 39.861 ng
RT: 8.887 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

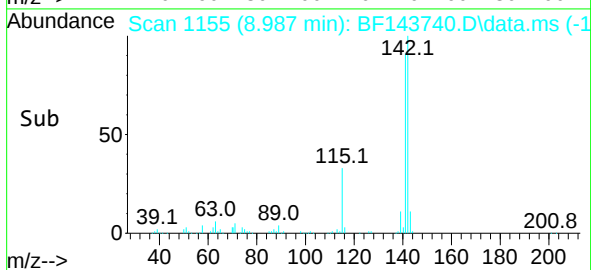
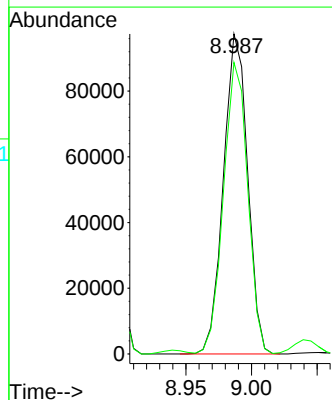
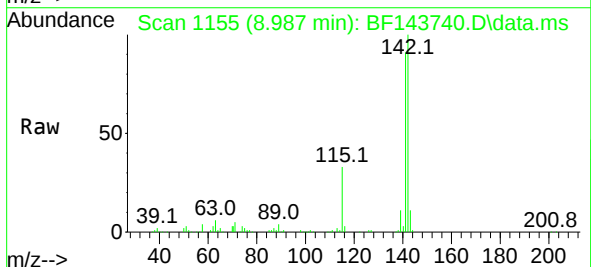
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

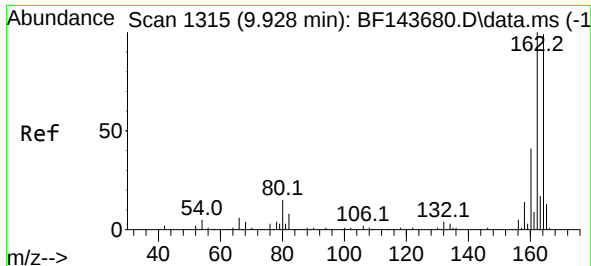
Tgt Ion:142 Resp: 121539
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7



#38
1-Methylnaphthalene
Concen: 42.618 ng
RT: 8.987 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:142 Resp: 124707
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143740.D

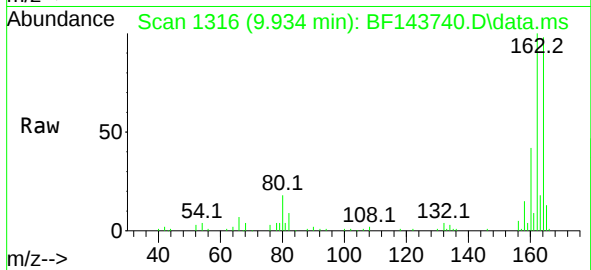
Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD



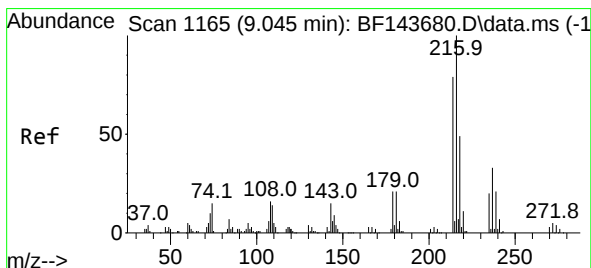
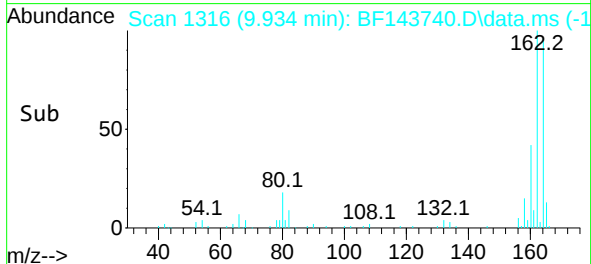
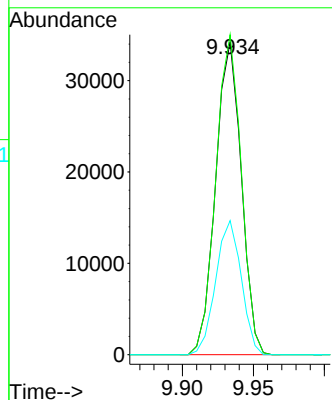
Tgt Ion:164 Resp: 43028

Ion Ratio Lower Upper

164 100

162 102.4 80.6 121.0

160 42.9 33.0 49.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.042 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Tgt Ion:216 Resp: 70266

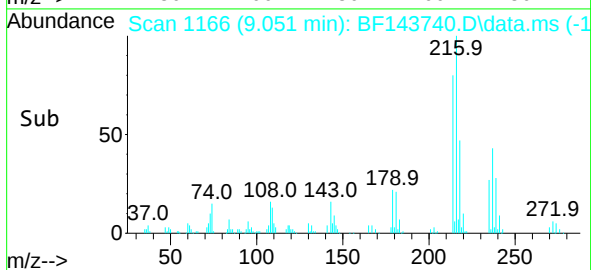
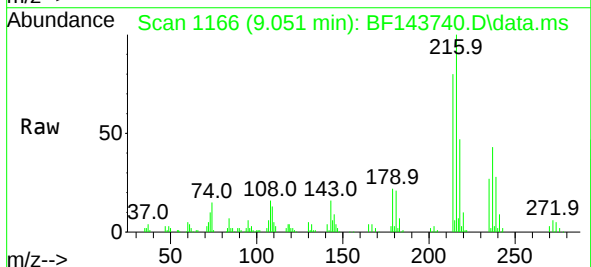
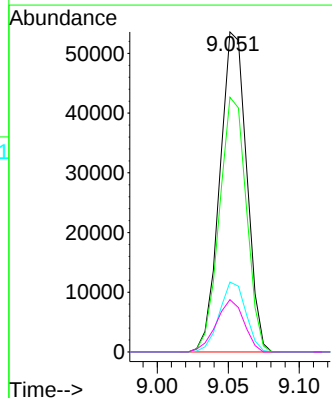
Ion Ratio Lower Upper

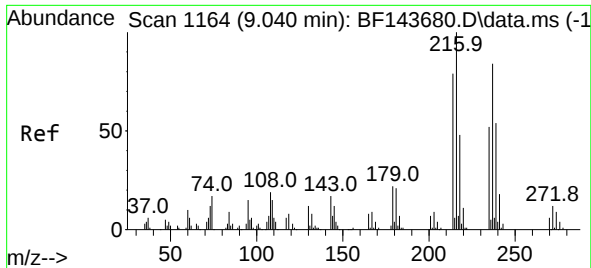
216 100

214 79.8 63.2 94.8

179 21.5 16.8 25.2

108 16.9 13.0 19.6

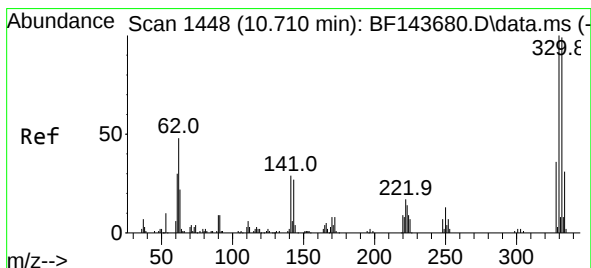
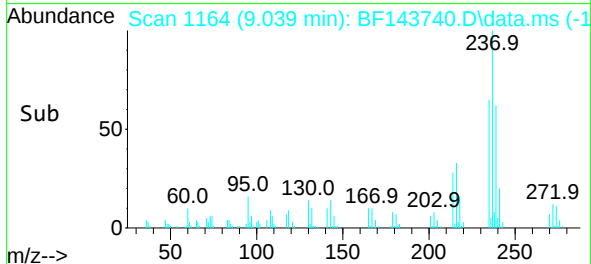
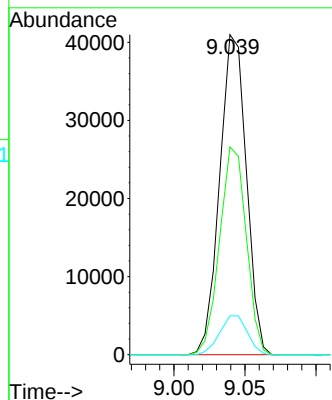
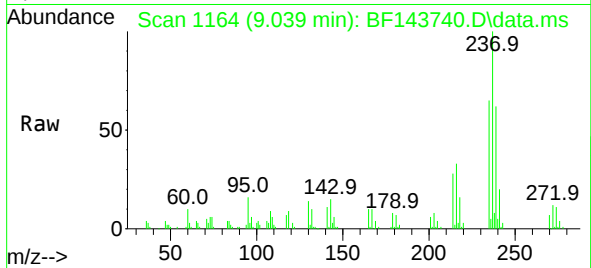




#41
Hexachlorocyclopentadiene
Concen: 84.655 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

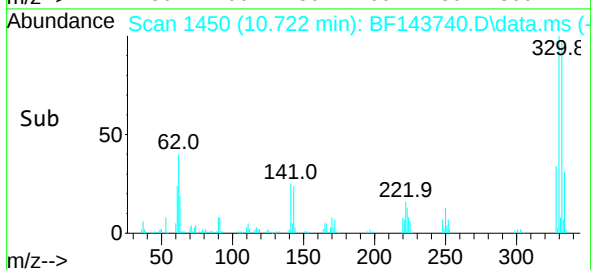
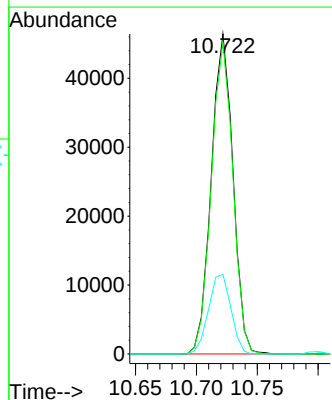
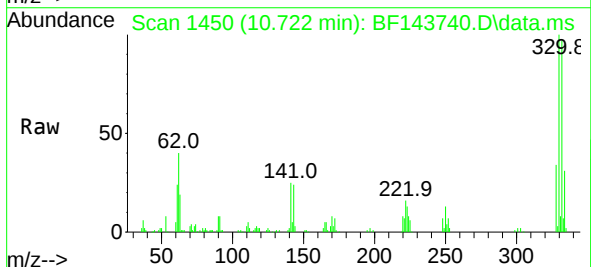
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

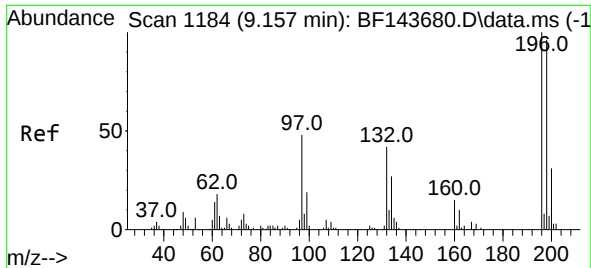
Tgt Ion:237	Resp:	53537
Ion Ratio	Lower	Upper
237	100	
235	64.9	41.6 81.6
272	12.1	0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 132.333 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:330	Resp:	57383
Ion Ratio	Lower	Upper
330	100	
332	96.6	79.2 118.8
141	25.7	22.2 33.4

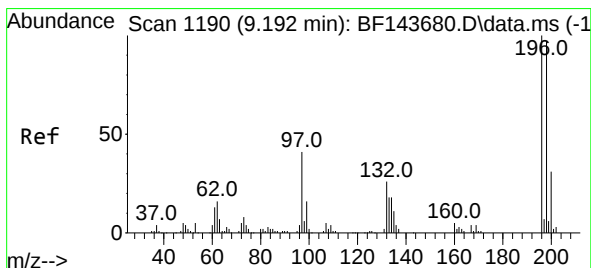
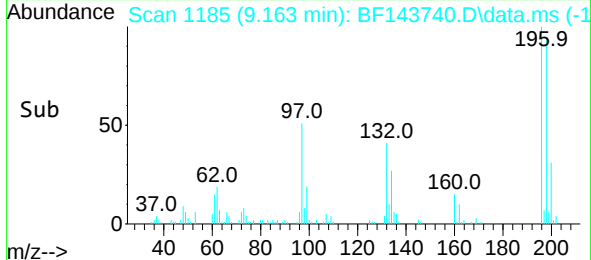
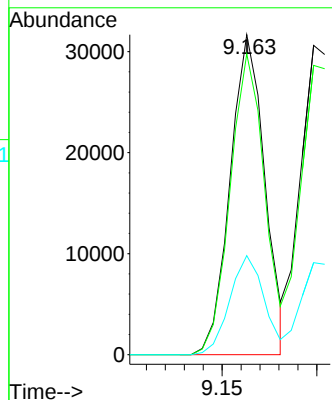
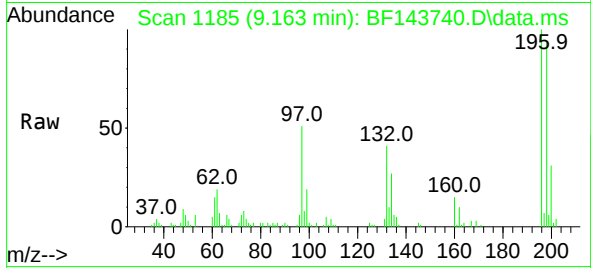




#43
 2,4,6-Trichlorophenol
 Concen: 48.830 ng
 RT: 9.163 min Scan# 1185
 Delta R.T. 0.006 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

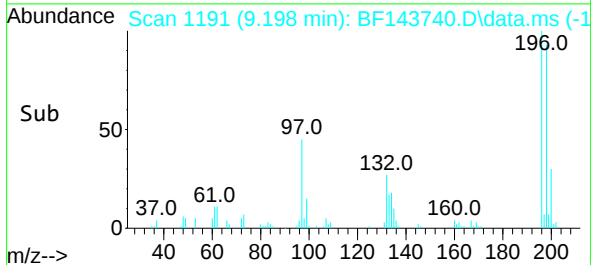
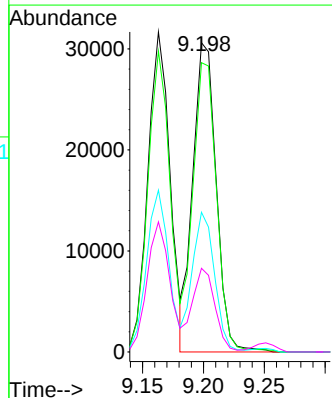
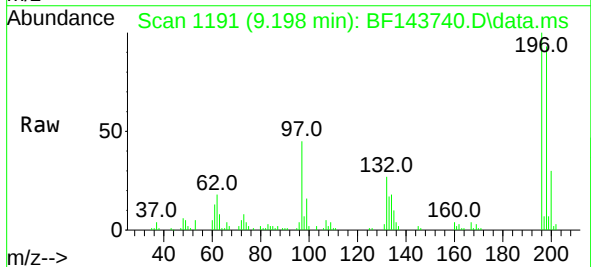
Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMPMSD

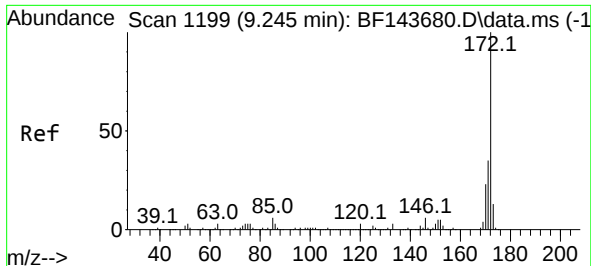
Tgt Ion:196 Resp: 40165
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.5 114.7
 200 30.9 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 48.950 ng
 RT: 9.198 min Scan# 1191
 Delta R.T. 0.006 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

Tgt Ion:196 Resp: 40932
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.0 115.6
 97 45.1 34.2 51.4
 132 27.1 21.8 32.6

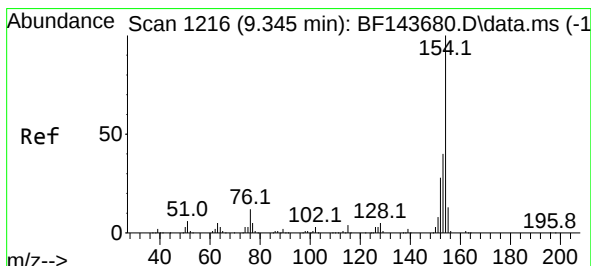
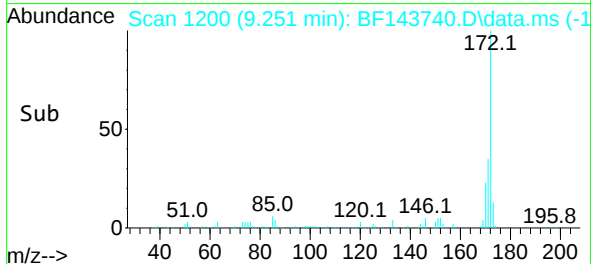
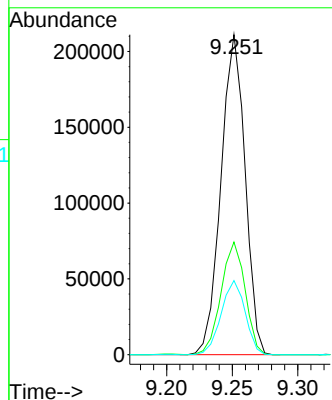
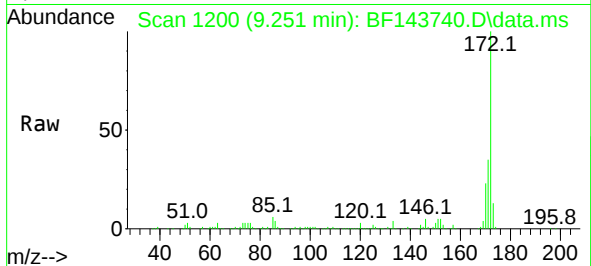




#45
2-Fluorobiphenyl
Concen: 94.688 ng
RT: 9.251 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

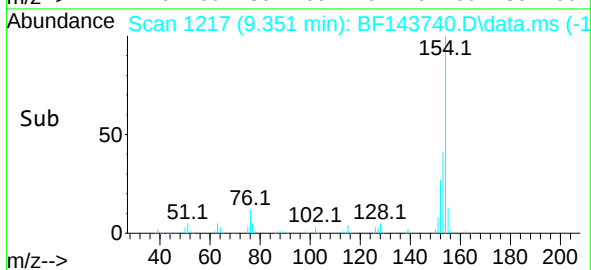
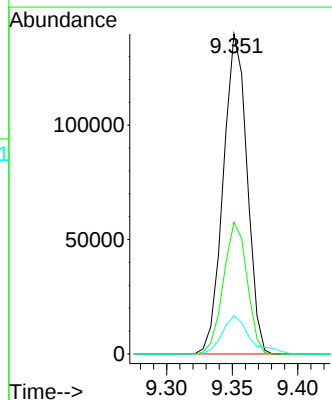
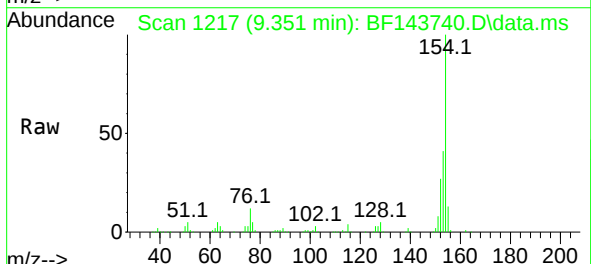
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

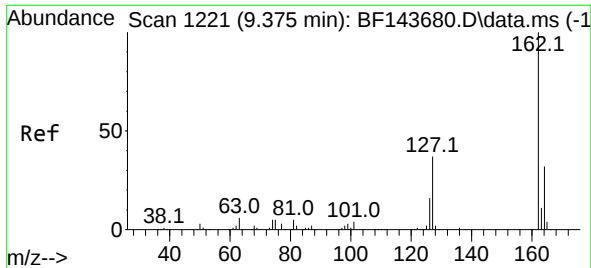
Tgt Ion:172 Resp: 269707
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 56.940 ng
RT: 9.351 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:154 Resp: 176381
Ion Ratio Lower Upper
154 100
153 41.2 20.2 60.2
76 11.9 0.0 31.6

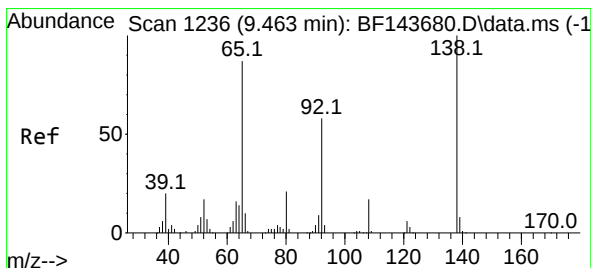
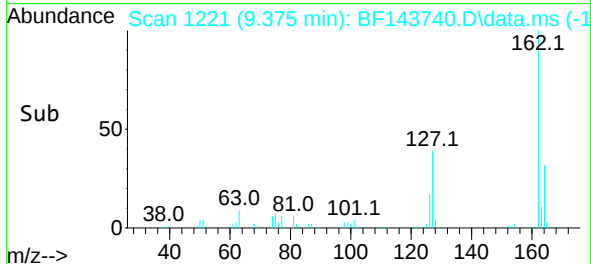
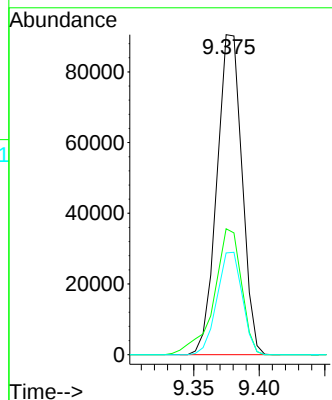
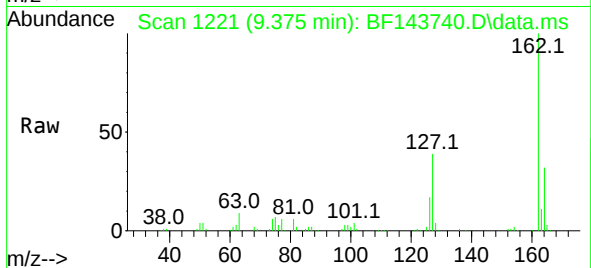




#47
2-Chloronaphthalene
Concen: 49.582 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

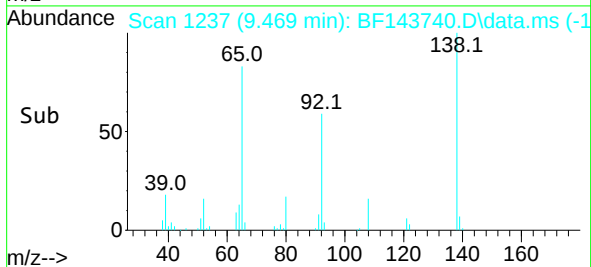
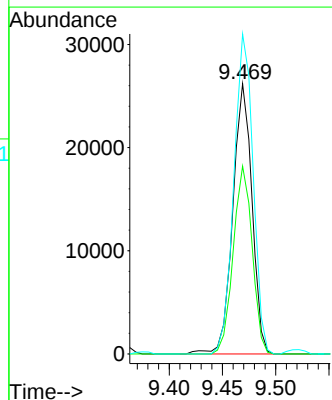
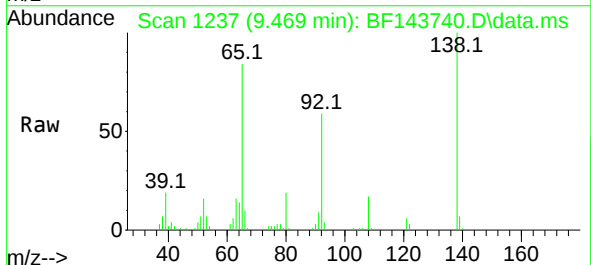
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

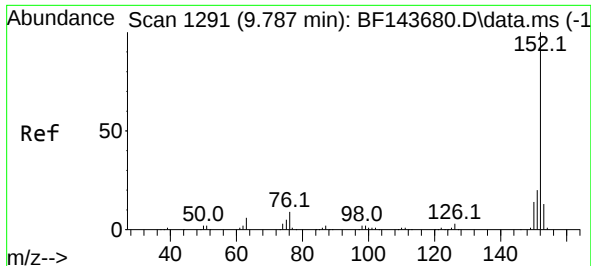
Tgt Ion:162 Resp: 120407
Ion Ratio Lower Upper
162 100
127 39.3 30.6 45.8
164 31.8 25.8 38.8



#48
2-Nitroaniline
Concen: 51.156 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion: 65 Resp: 32876
Ion Ratio Lower Upper
65 100
92 69.5 53.3 79.9
138 118.4 92.1 138.1





#49

Acenaphthylene

Concen: 55.603 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143740.D

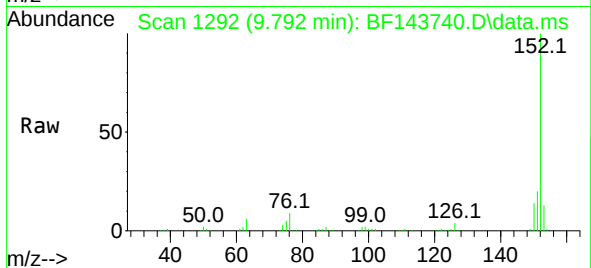
Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD



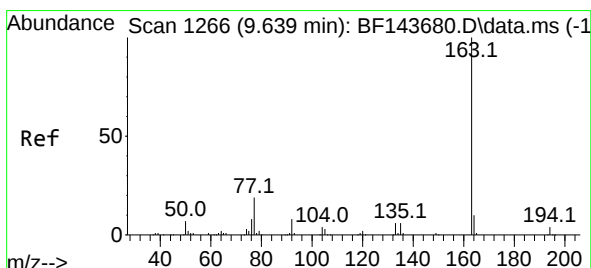
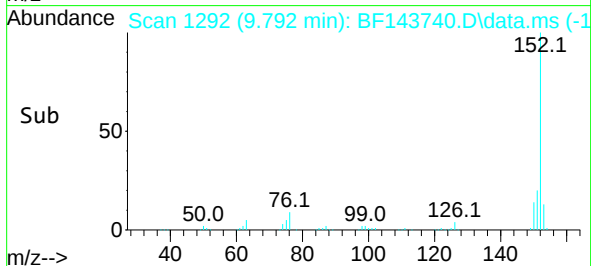
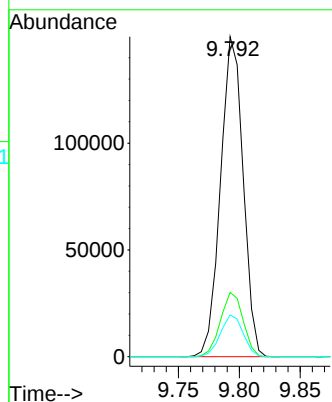
Tgt Ion:152 Resp: 193421

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 50.056 ng

RT: 9.651 min Scan# 1268

Delta R.T. 0.012 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

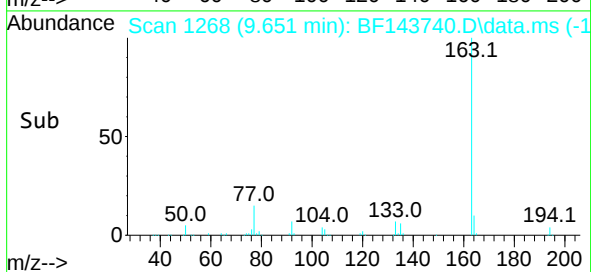
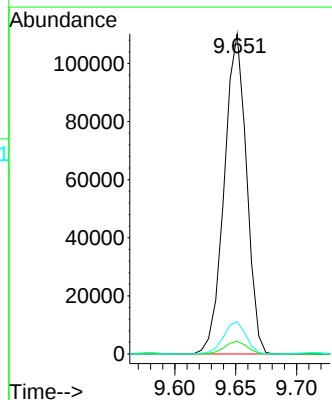
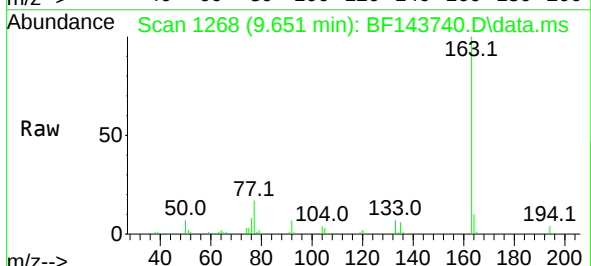
Tgt Ion:163 Resp: 140134

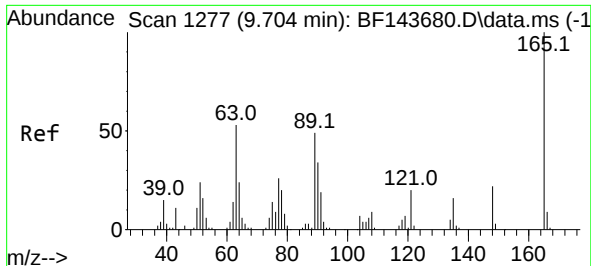
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.0 12.0

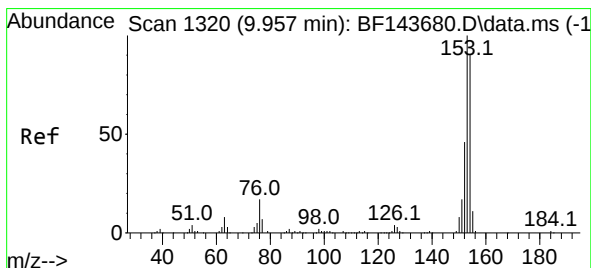
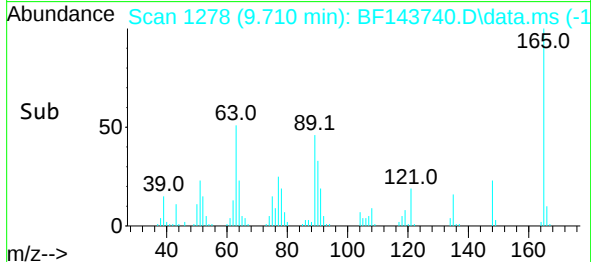
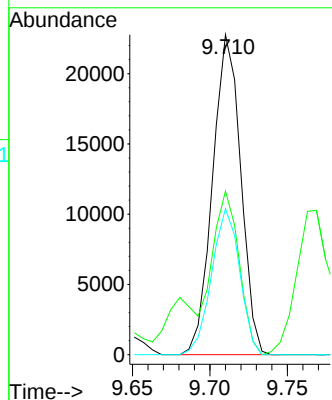
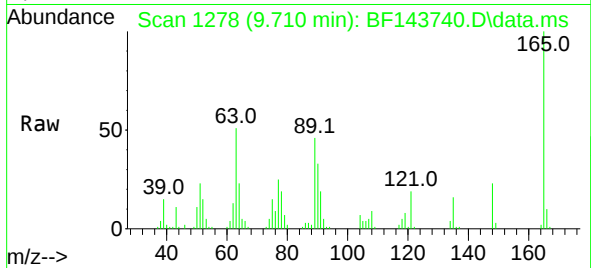




#51
2,6-Dinitrotoluene
Concen: 53.717 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

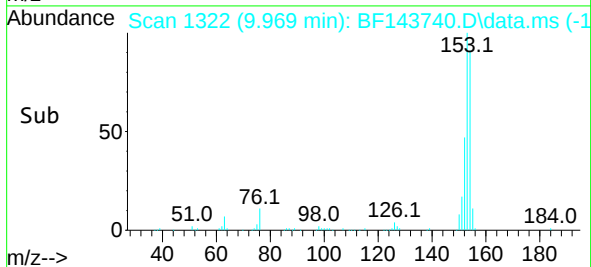
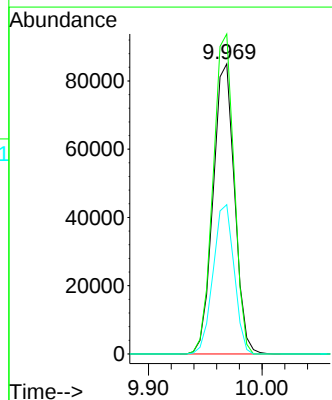
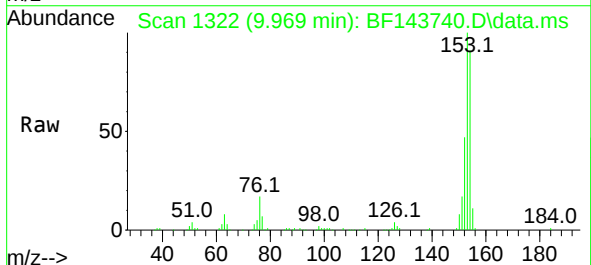
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

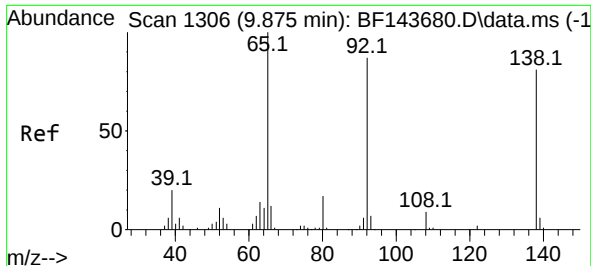
Tgt Ion:165 Resp: 28753
Ion Ratio Lower Upper
165 100
63 51.1 42.2 63.4
89 45.6 39.3 58.9



#52
Acenaphthene
Concen: 46.664 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:154 Resp: 111856
Ion Ratio Lower Upper
154 100
153 110.3 89.4 134.0
152 51.5 41.2 61.8

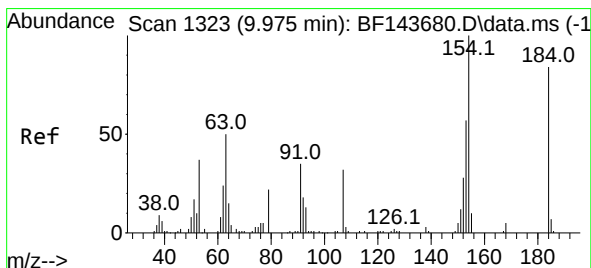
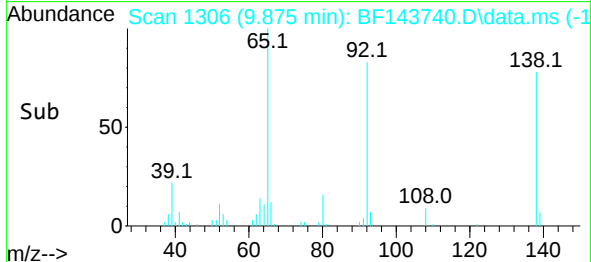
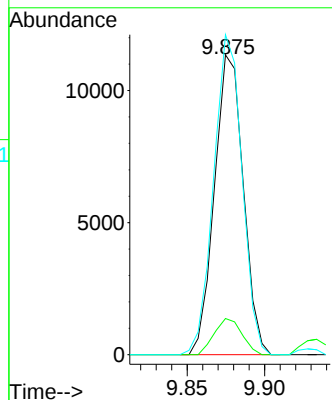
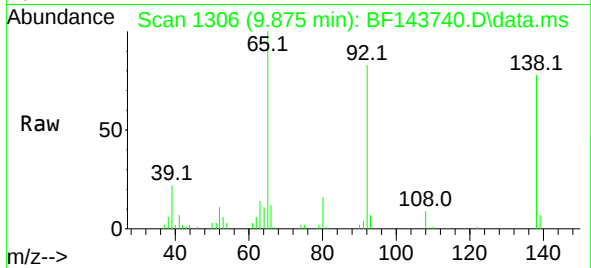




#53
3-Nitroaniline
Concen: 25.493 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

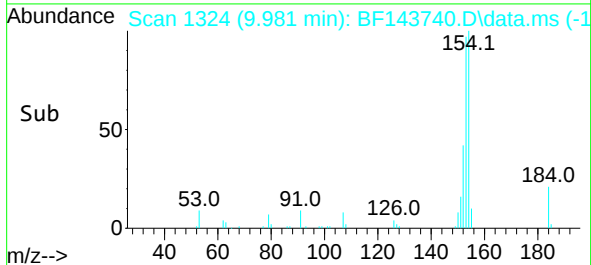
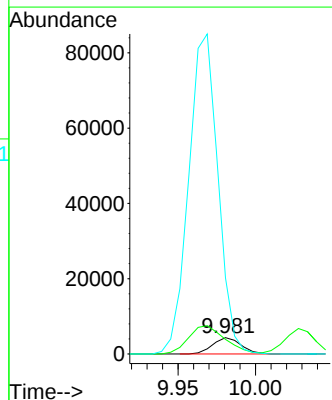
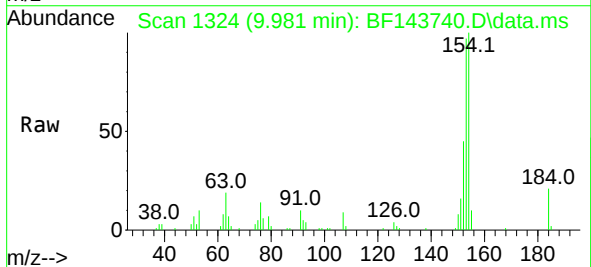
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

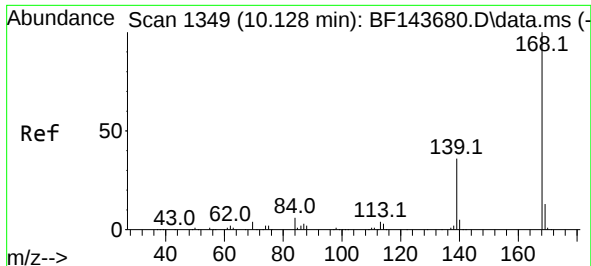
Tgt Ion:138 Resp: 14685
Ion Ratio Lower Upper
138 100
108 12.1 8.6 12.8
92 106.7 85.5 128.3



#54
2,4-Dinitrophenol
Concen: 23.352 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:184 Resp: 5498
Ion Ratio Lower Upper
184 100
63 89.3 52.7 79.1#
154 466.0 136.6 204.8#

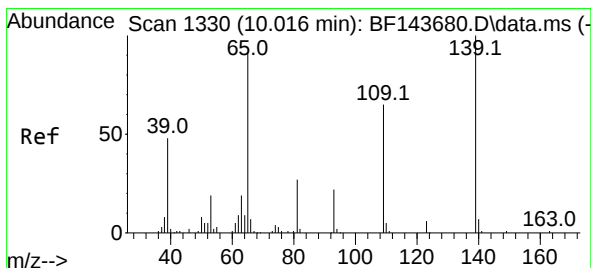
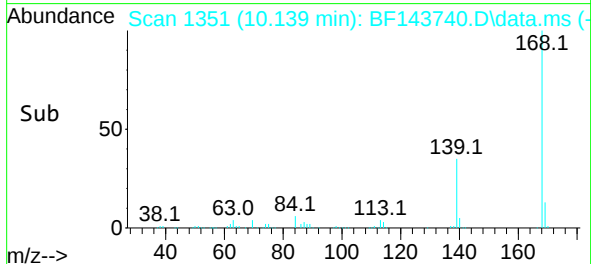
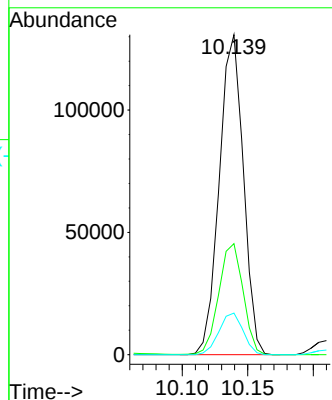
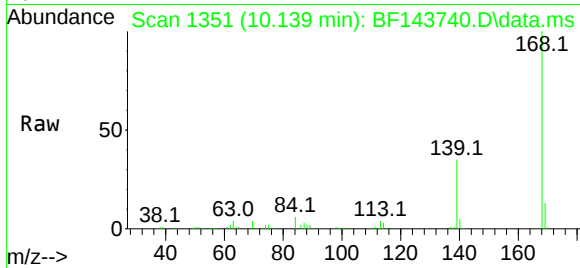




#55
Dibenzenofuran
Concen: 48.350 ng
RT: 10.139 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

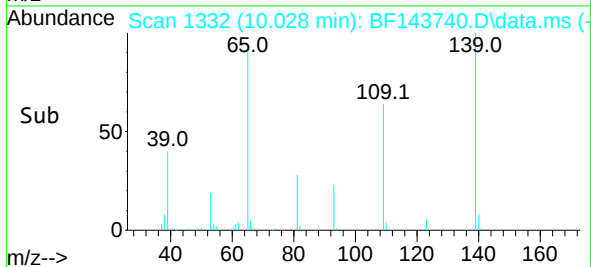
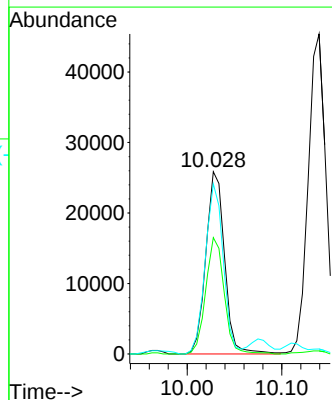
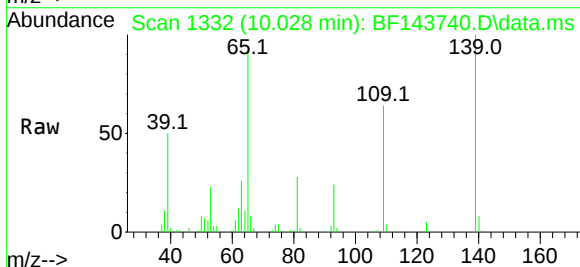
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

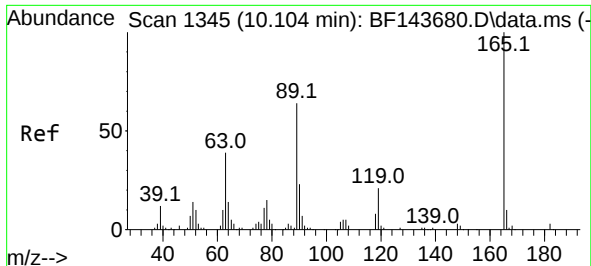
Tgt Ion:168 Resp: 166657
Ion Ratio Lower Upper
168 100
139 34.7 29.0 43.4
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 77.657 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:139 Resp: 35588
Ion Ratio Lower Upper
139 100
109 63.8 45.2 85.2
65 93.3 72.1 112.1

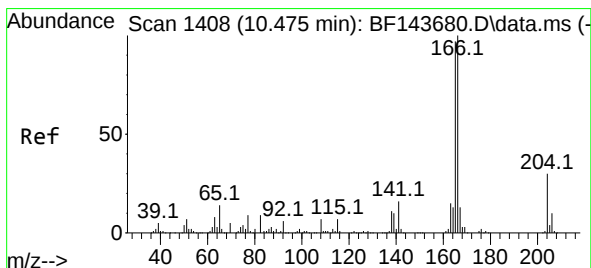
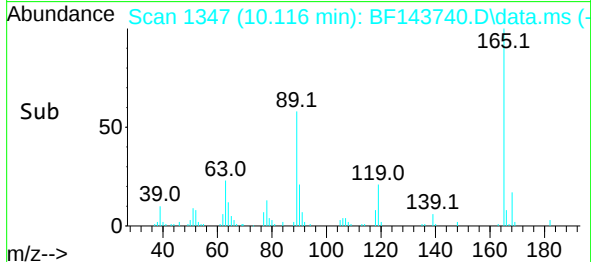
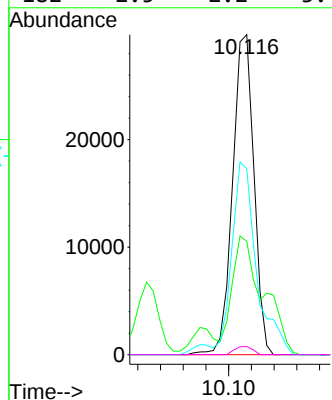
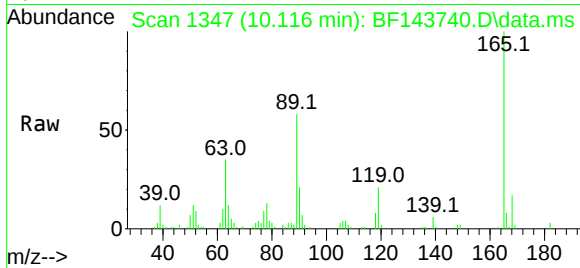




#57
2,4-Dinitrotoluene
Concen: 53.214 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

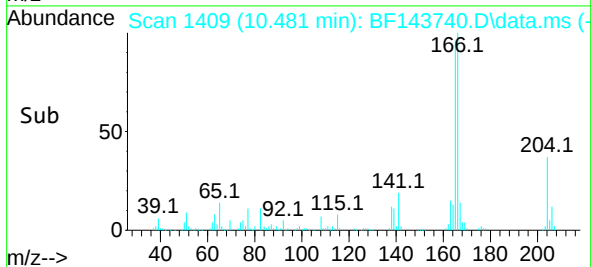
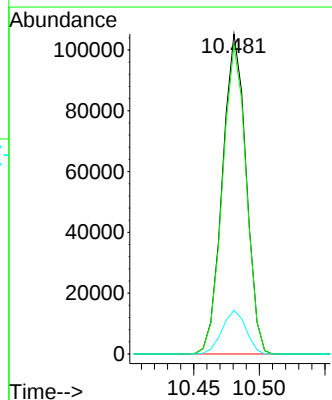
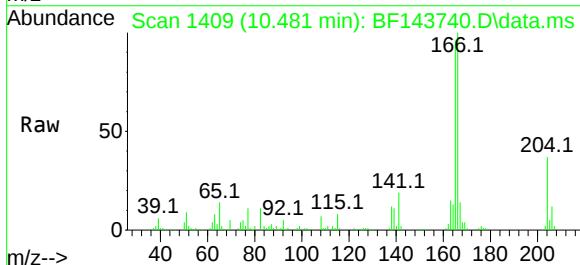
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

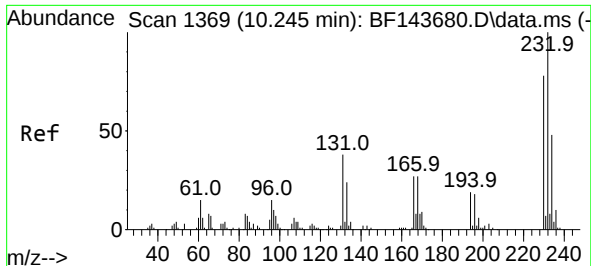
Tgt Ion:165	Resp:	38766
Ion Ratio	Lower	Upper
165	100	
63	35.4	31.5 47.3
89	58.1	51.3 76.9
182	2.5	2.2 3.4



#58
Fluorene
Concen: 48.810 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:166	Resp:	131696
Ion Ratio	Lower	Upper
166	100	
165	96.4	77.5 116.3
167	13.7	10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.419 ng

RT: 10.251 min Scan# 1369

Delta R.T. 0.006 min

Lab File: BF143740.D

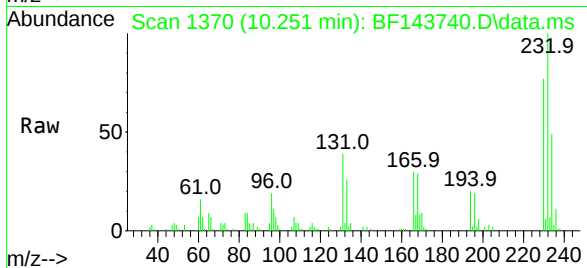
Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD



Tgt Ion:232 Resp: 30796

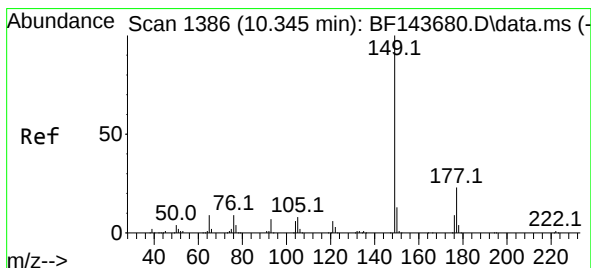
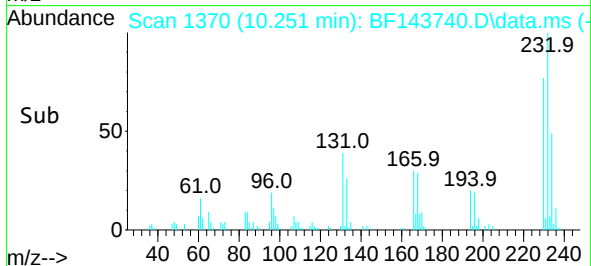
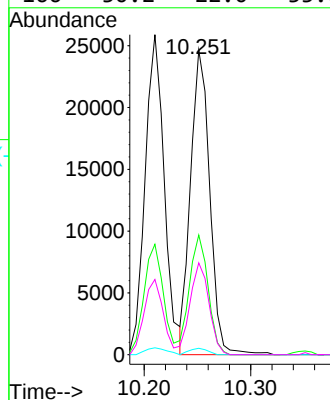
Ion Ratio Lower Upper

232 100

131 39.1 31.9 47.9

130 2.0 1.4 2.0

166 30.2 22.0 33.0



#60

Diethylphthalate

Concen: 49.771 ng

RT: 10.351 min Scan# 1387

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

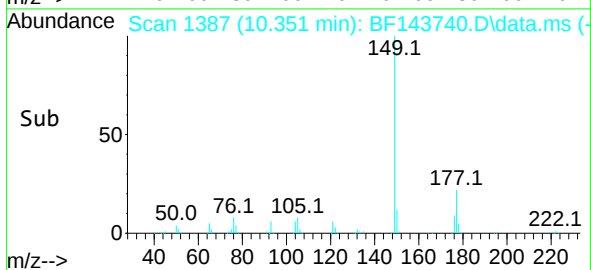
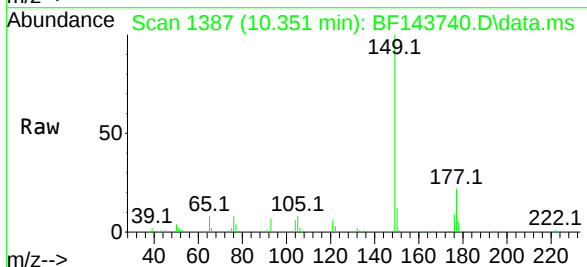
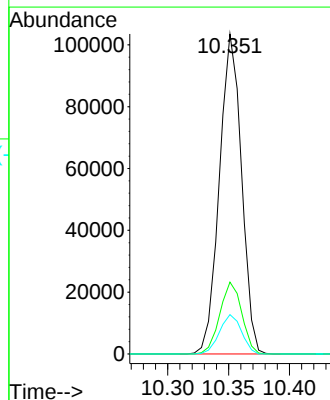
Tgt Ion:149 Resp: 130812

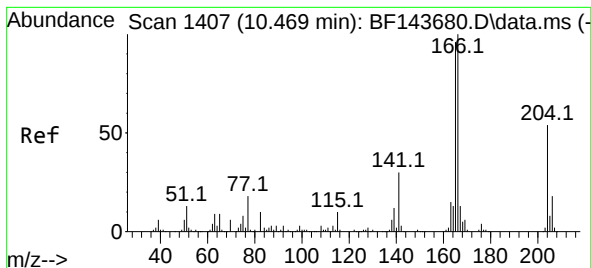
Ion Ratio Lower Upper

149 100

177 22.4 18.2 27.2

150 12.3 10.0 15.0

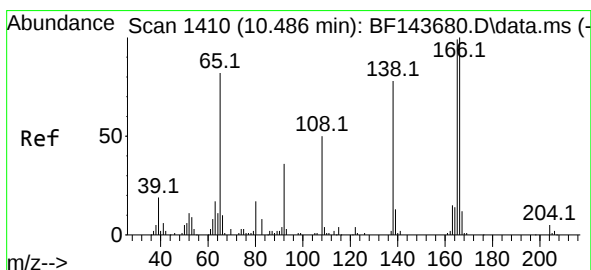
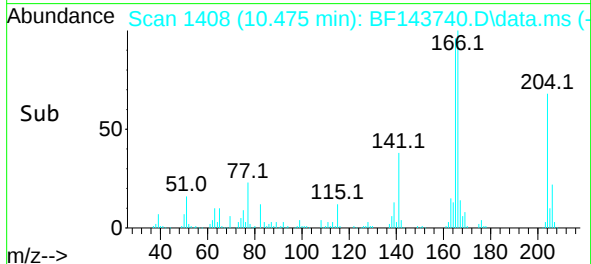
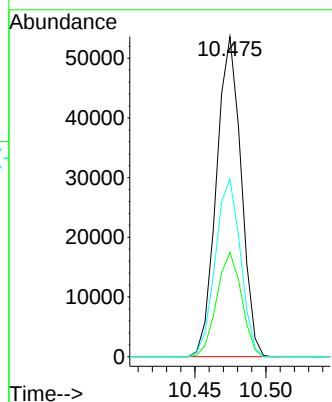
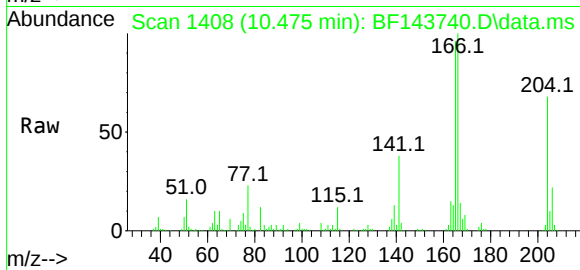




#61
4-Chlorophenyl-phenylether
Concen: 47.262 ng
RT: 10.475 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

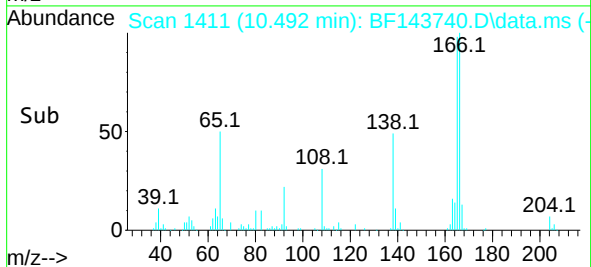
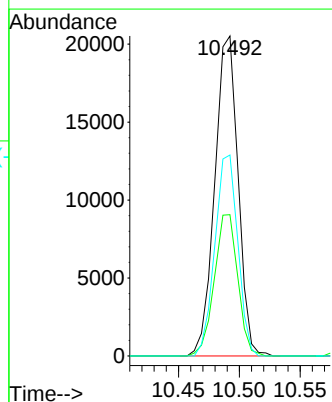
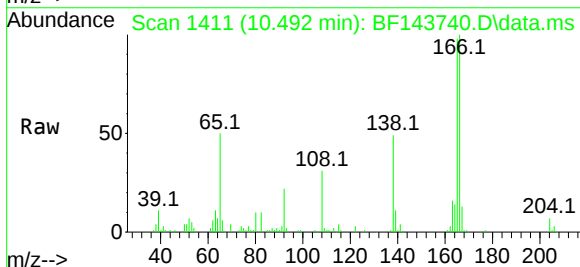
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

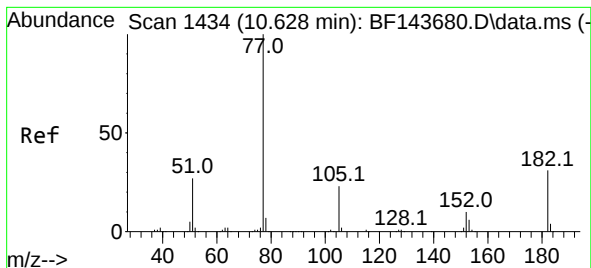
Tgt Ion:204 Resp: 64673
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 55.6 44.8 67.2



#62
4-Nitroaniline
Concen: 50.206 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:138 Resp: 27391
Ion Ratio Lower Upper
138 100
92 44.1 26.4 66.4
108 62.8 44.3 84.3





#63

Azobenzene

Concen: 48.515 ng

RT: 10.633 min Scan# 1435

Delta R.T. 0.006 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD

Tgt Ion: 77 Resp: 112727

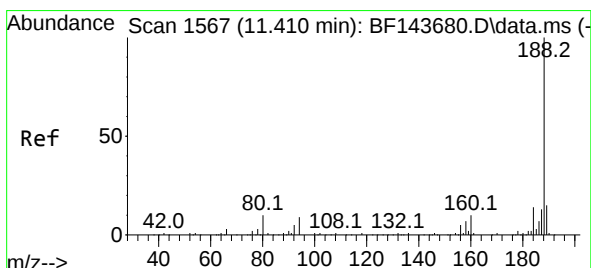
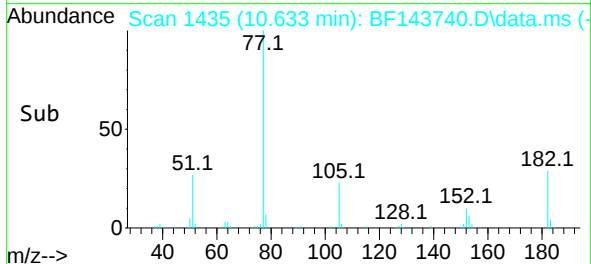
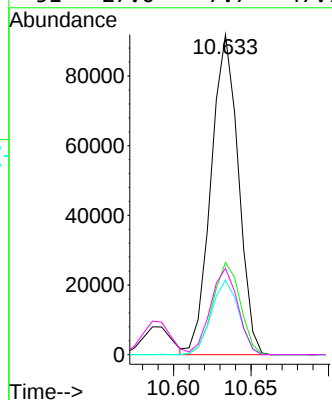
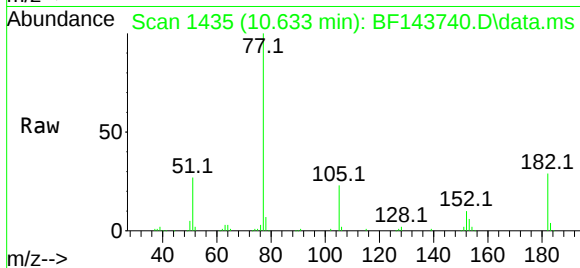
Ion Ratio Lower Upper

77 100

182 28.8 10.8 50.8

105 23.3 3.2 43.2

51 27.0 7.7 47.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. 0.012 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

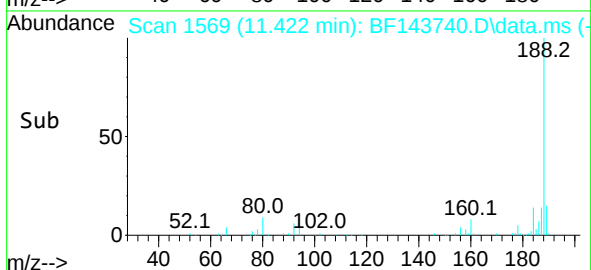
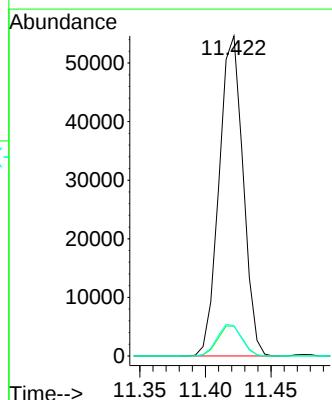
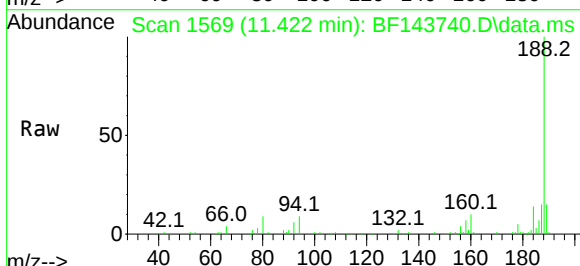
Tgt Ion:188 Resp: 69400

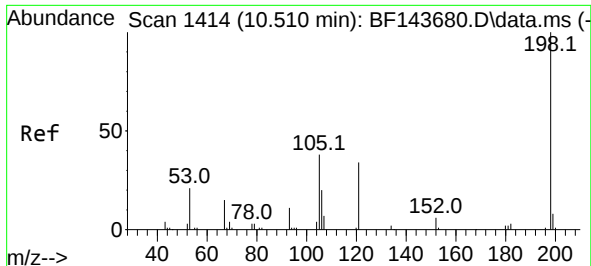
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.0

80 9.5 7.7 11.5

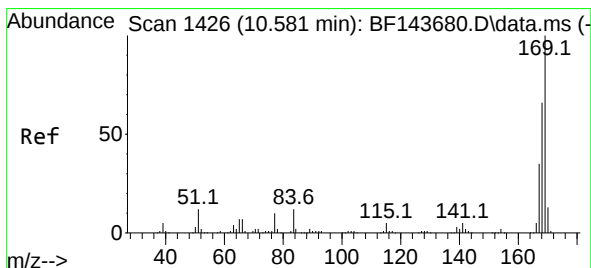
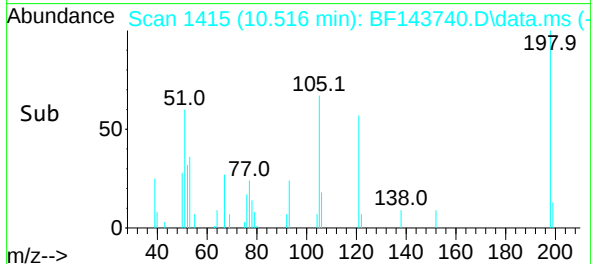
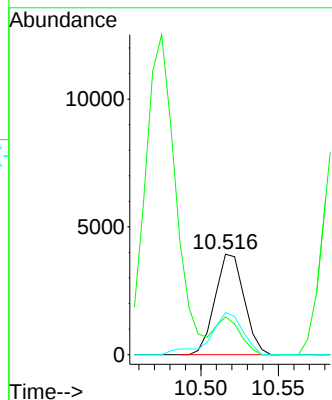
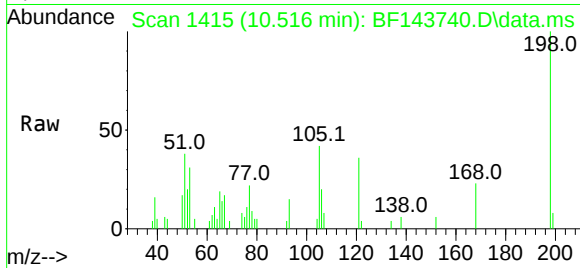




#65
4,6-Dinitro-2-methylphenol
Concen: 14.521 ng
RT: 10.516 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

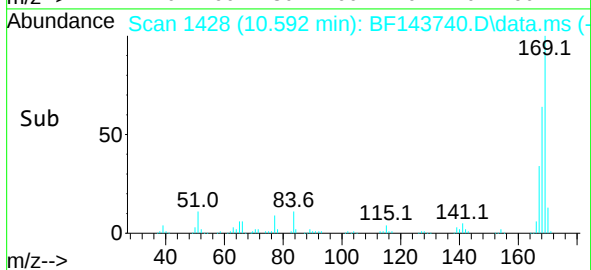
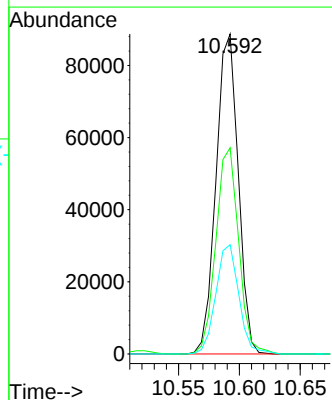
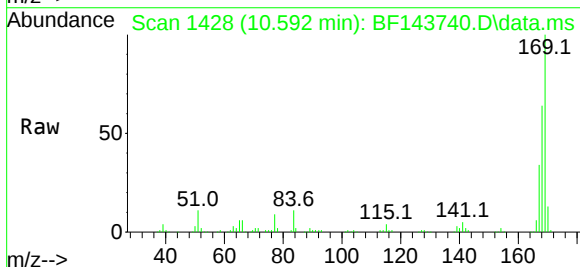
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

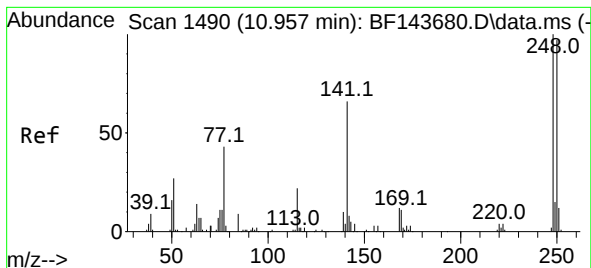
Tgt Ion:198 Resp: 5131
Ion Ratio Lower Upper
198 100
51 37.6 21.2 61.2
105 41.8 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 49.497 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:169 Resp: 112533
Ion Ratio Lower Upper
169 100
168 64.5 53.0 79.6
167 34.2 28.1 42.1

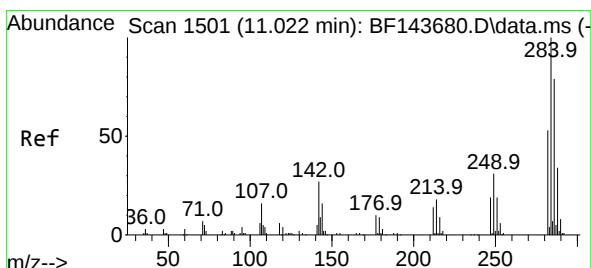
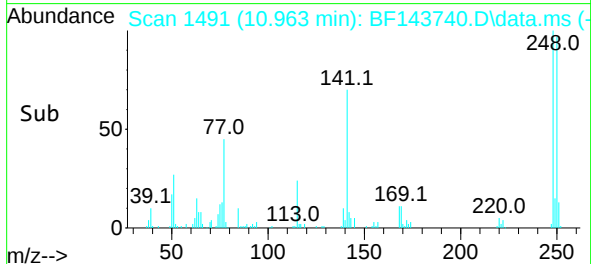
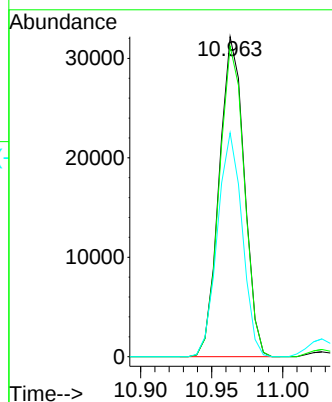
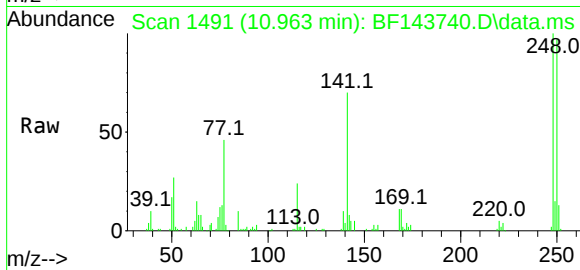




#67
4-Bromophenyl-phenylether
Concen: 47.062 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

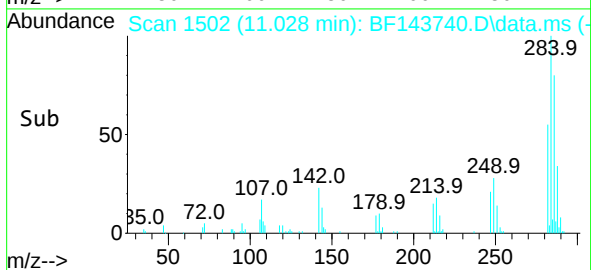
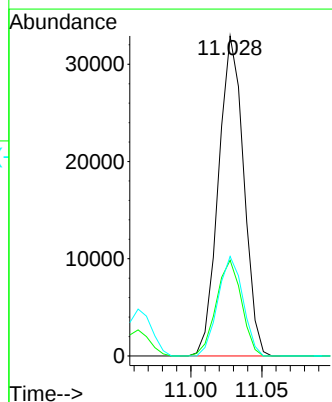
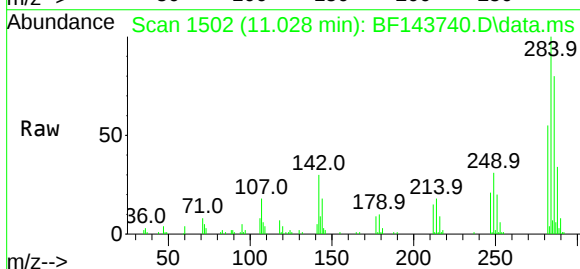
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

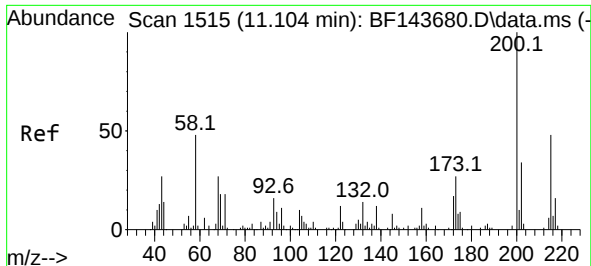
Tgt Ion:248 Resp: 39386
Ion Ratio Lower Upper
248 100
250 97.0 77.5 116.3
141 69.9 52.6 79.0



#68
Hexachlorobenzene
Concen: 45.961 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:284 Resp: 40615
Ion Ratio Lower Upper
284 100
142 29.9 21.3 31.9
249 31.1 25.0 37.4

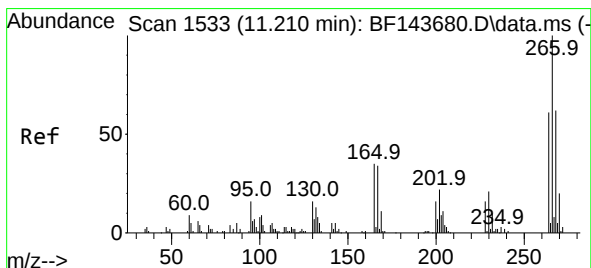
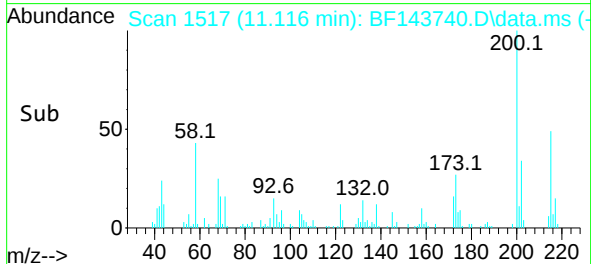
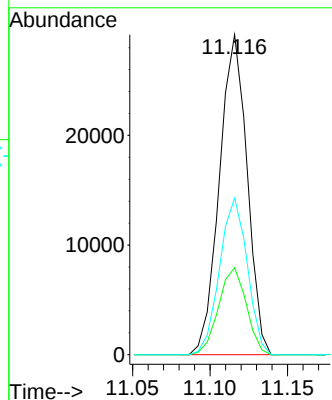
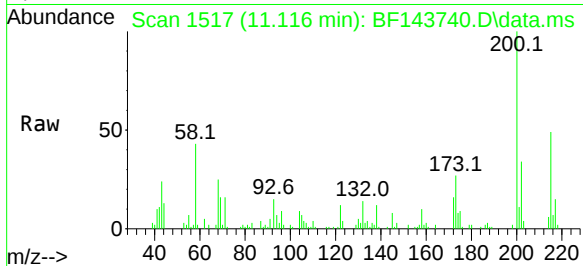




#69
 Atrazine
 Concen: 50.836 ng
 RT: 11.116 min Scan# 1517
 Delta R.T. 0.012 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

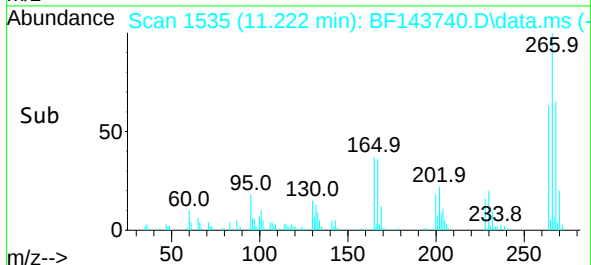
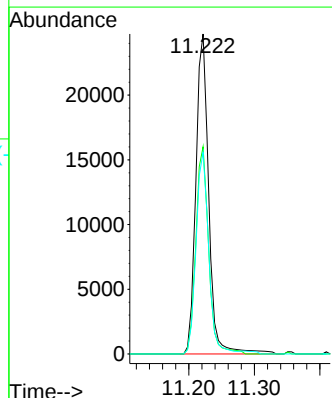
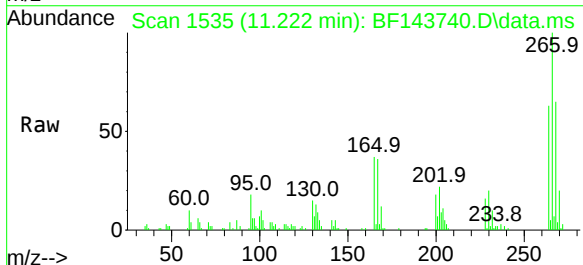
Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMPMSD

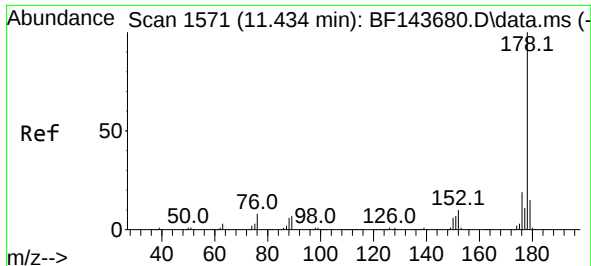
Tgt Ion:200 Resp: 36239
 Ion Ratio Lower Upper
 200 100
 173 27.2 7.3 47.3
 215 49.0 28.5 68.5



#70
 Pentachlorophenol
 Concen: 63.000 ng
 RT: 11.222 min Scan# 1535
 Delta R.T. 0.012 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

Tgt Ion:266 Resp: 33654
 Ion Ratio Lower Upper
 266 100
 268 64.8 49.2 73.8
 264 63.0 48.6 73.0

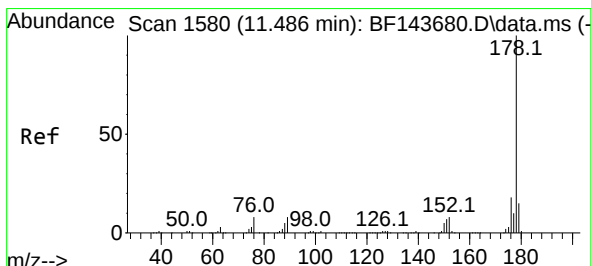
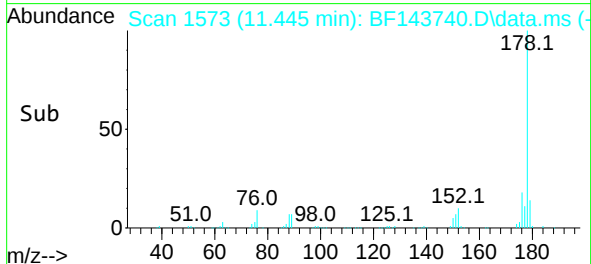
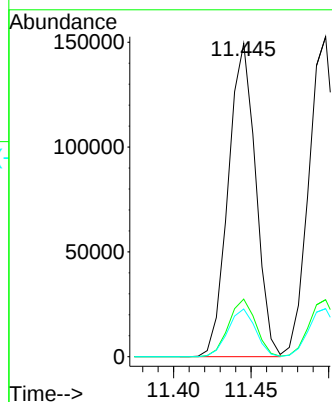
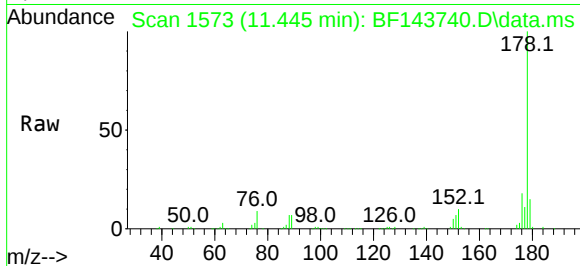




#71
Phenanthrene
Concen: 48.065 ng
RT: 11.445 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

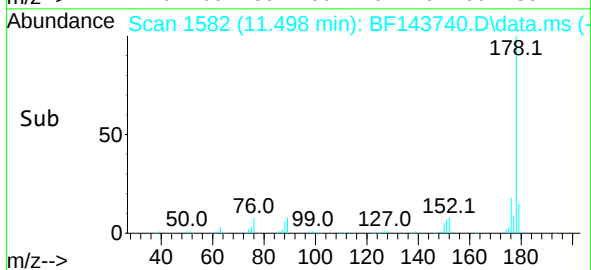
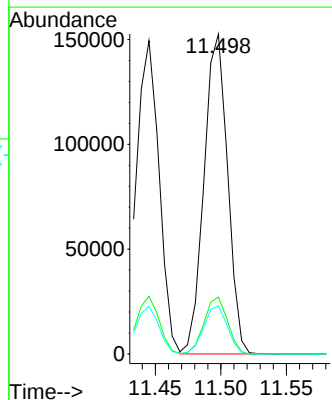
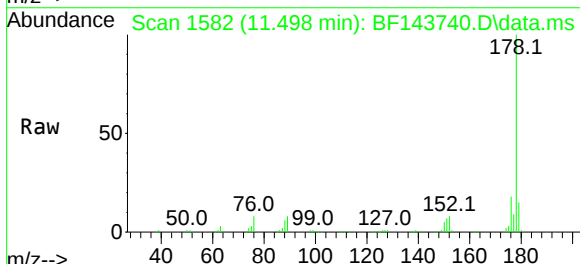
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

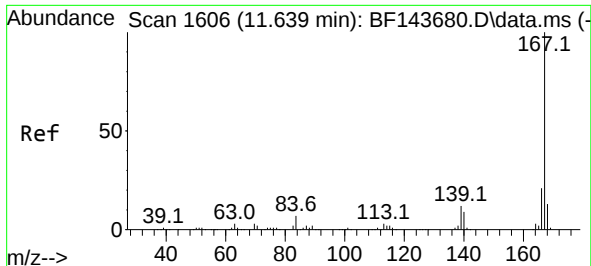
Tgt Ion:178 Resp: 183792
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.2 12.2 18.2



#72
Anthracene
Concen: 49.685 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

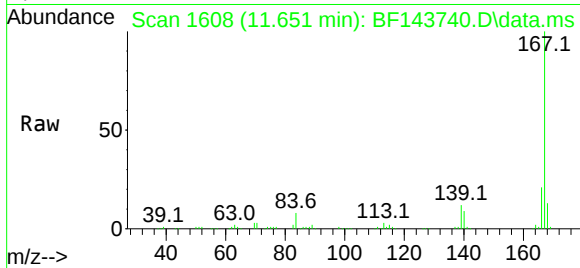
Tgt Ion:178 Resp: 191035
Ion Ratio Lower Upper
178 100
176 17.8 14.5 21.7
179 15.0 12.2 18.2



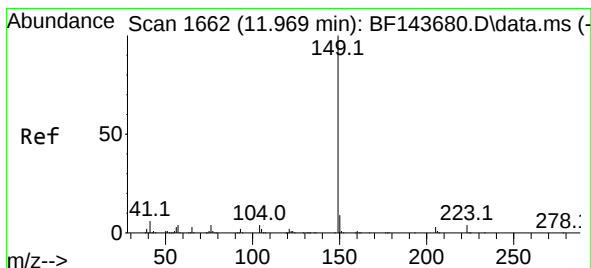
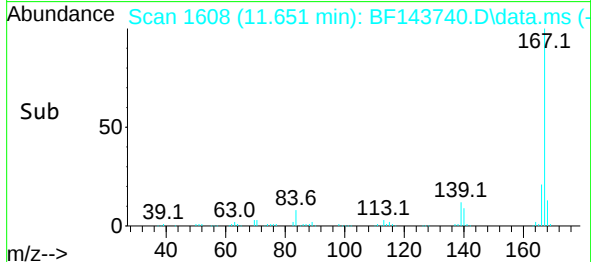
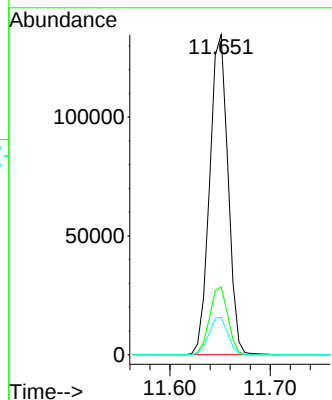


#73
 Carbazole
 Concen: 54.318 ng
 RT: 11.651 min Scan# 1608
 Delta R.T. 0.012 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

Instrument :
 BNA_F
 ClientSampleId :
 30-GARFIELD-PL-COMPMSD

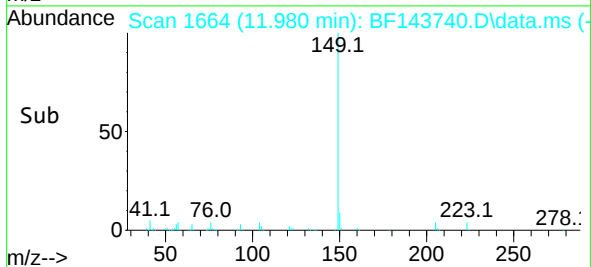
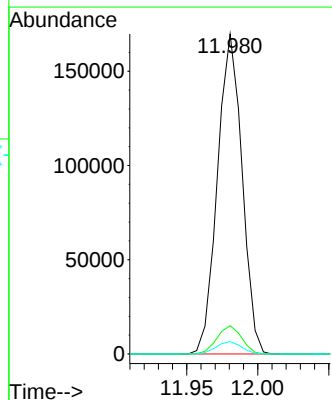
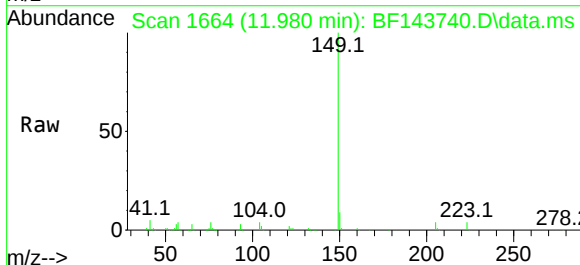


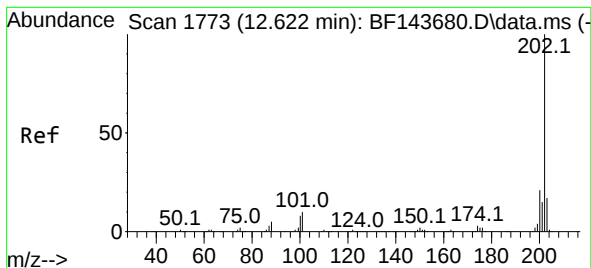
Tgt Ion:167 Resp: 171039
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 11.6 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 53.848 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. 0.012 min
 Lab File: BF143740.D
 Acq: 12 Sep 2025 18:38

Tgt Ion:149 Resp: 204137
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 3.9 3.3 4.9





#75

Fluoranthene

Concen: 59.305 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD

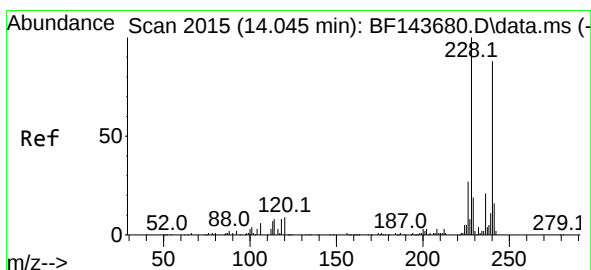
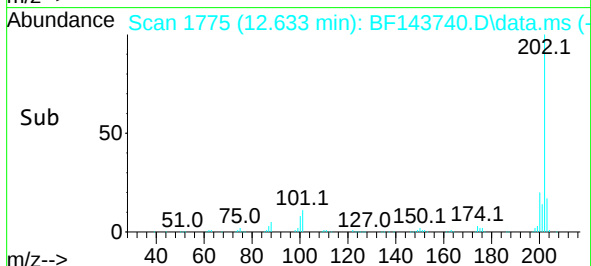
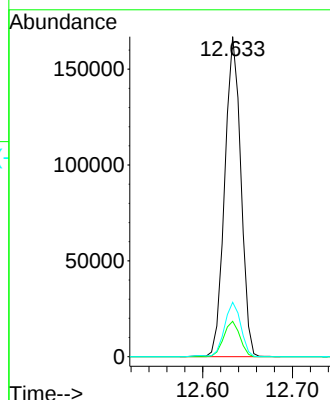
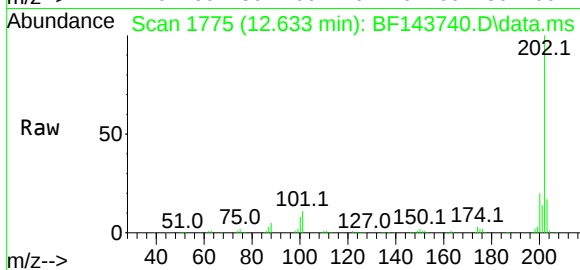
Tgt Ion:202 Resp: 208180

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.5

203 17.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.018 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

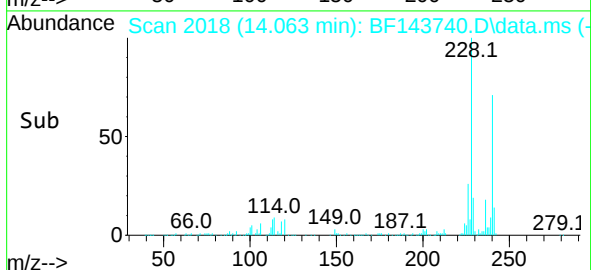
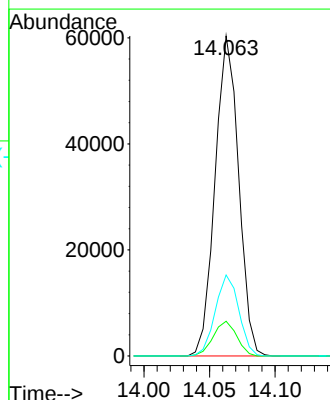
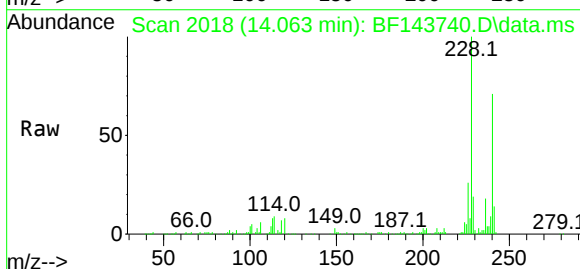
Tgt Ion:240 Resp: 75216

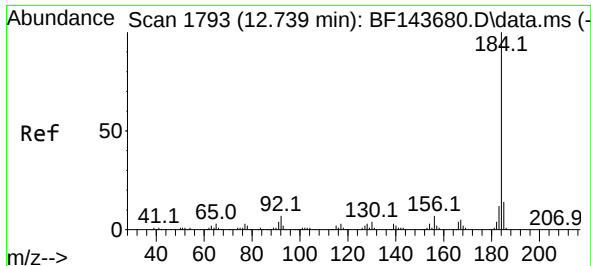
Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

236 25.3 18.6 28.0

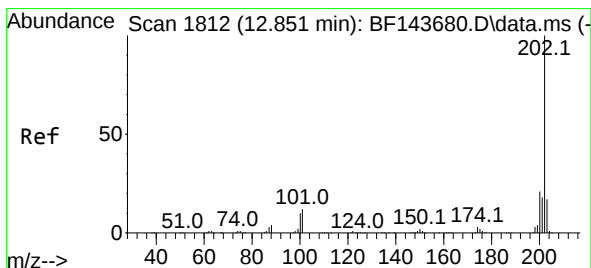
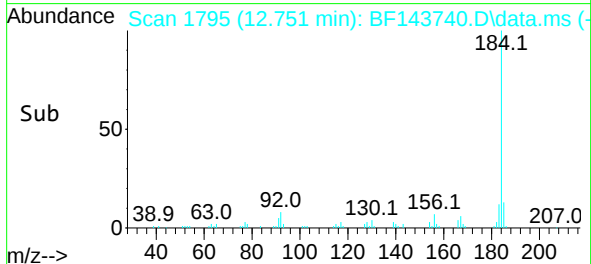
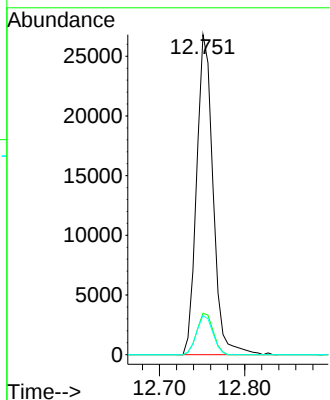
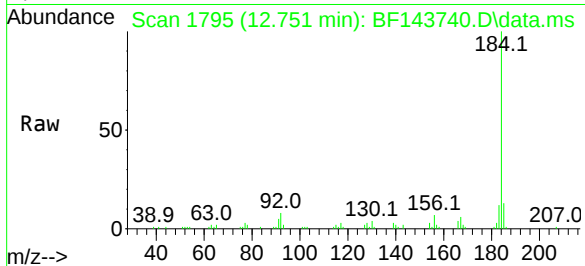




#77
Benzidine
Concen: 14.668 ng
RT: 12.751 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

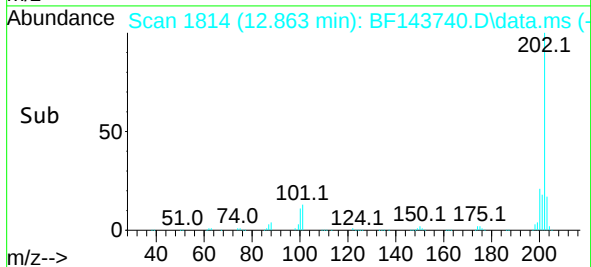
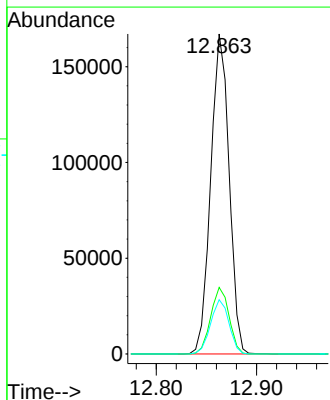
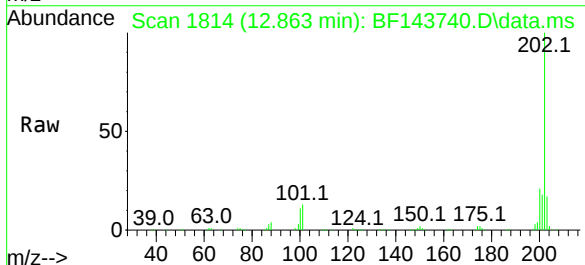
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

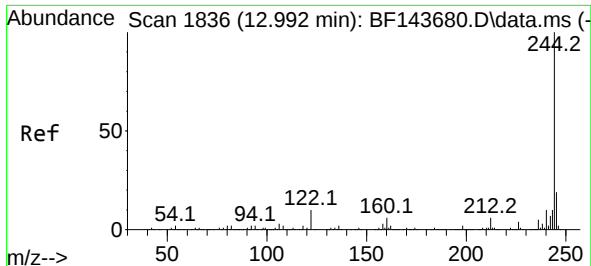
Tgt Ion:184 Resp: 35978
Ion Ratio Lower Upper
184 100
185 13.0 11.5 17.3
183 12.2 9.4 14.2



#78
Pyrene
Concen: 35.329 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:202 Resp: 212461
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 16.9 13.5 20.3

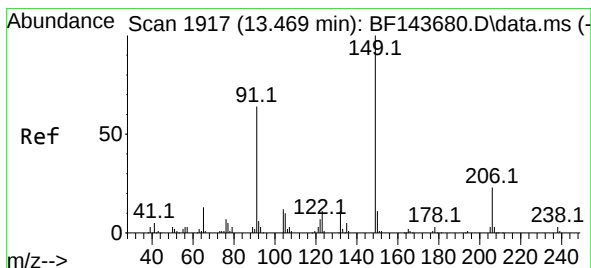
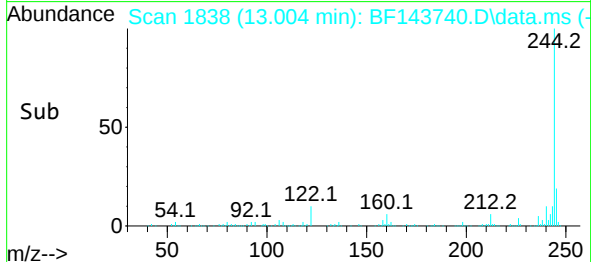
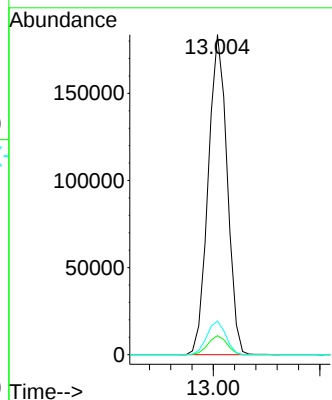
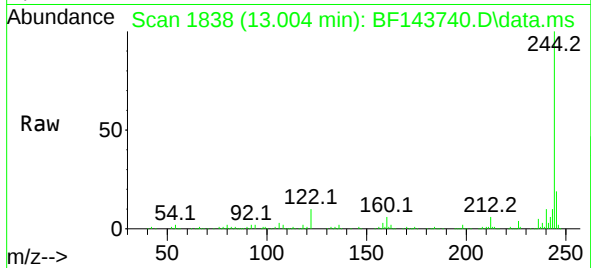




#79
Terphenyl-d14
Concen: 48.895 ng
RT: 13.004 min Scan# 1838
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

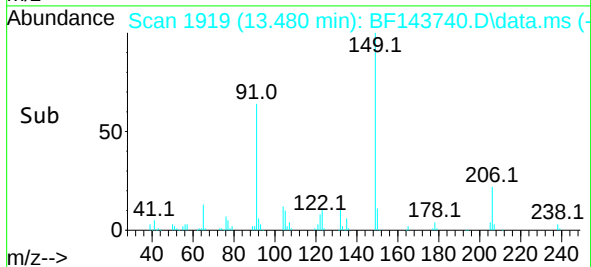
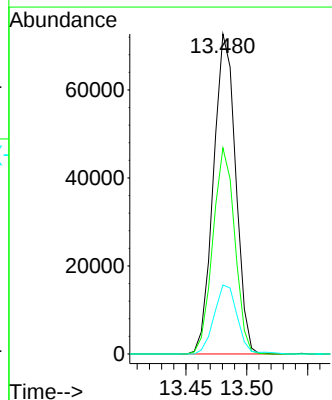
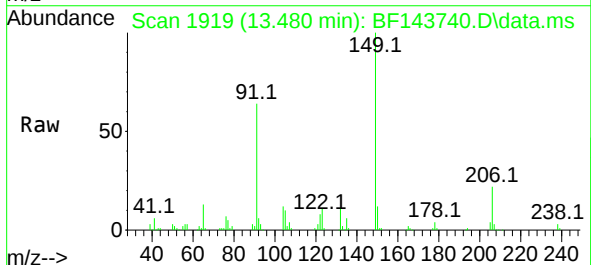
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

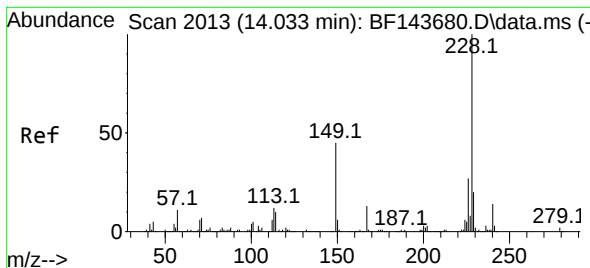
Tgt Ion:244 Resp: 226944
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.6
122 10.5 7.9 11.9



#80
Butylbenzylphthalate
Concen: 48.982 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.012 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:149 Resp: 92294
Ion Ratio Lower Upper
149 100
91 64.4 50.9 76.3
206 21.6 18.2 27.2





#81

Benzo(a)anthracene

Concen: 47.519 ng

RT: 14.051 min Scan# 2010

Delta R.T. 0.018 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD

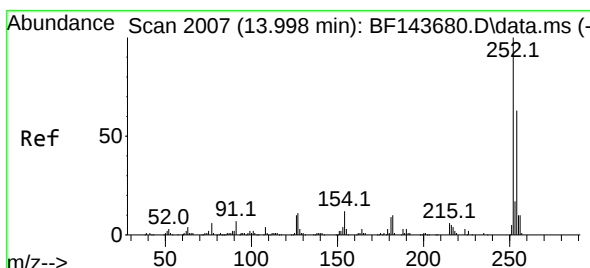
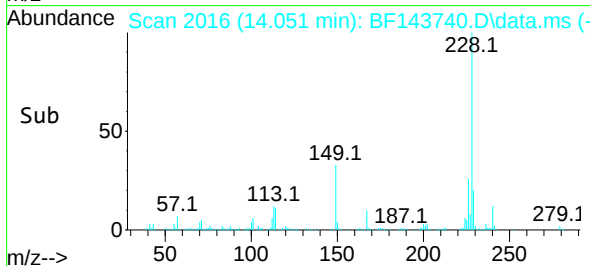
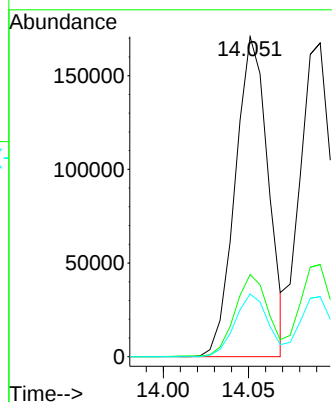
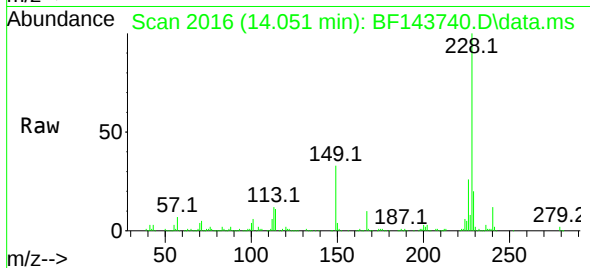
Tgt Ion:228 Resp: 229942

Ion Ratio Lower Upper

228 100

226 25.6 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 21.982 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.018 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

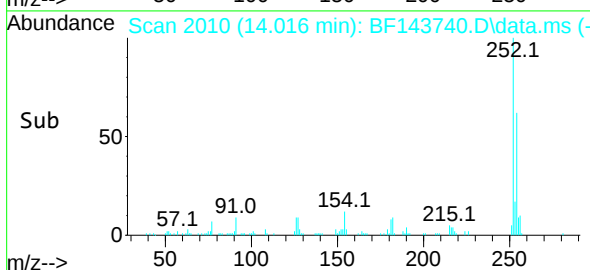
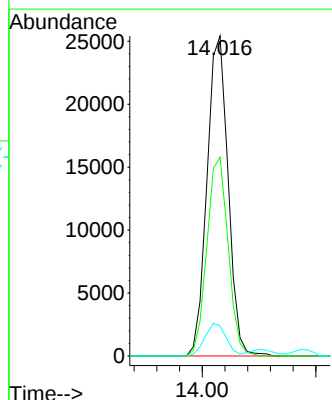
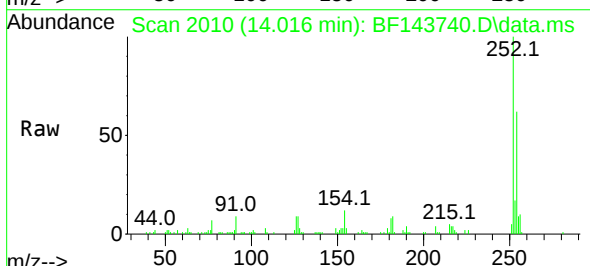
Tgt Ion:252 Resp: 32724

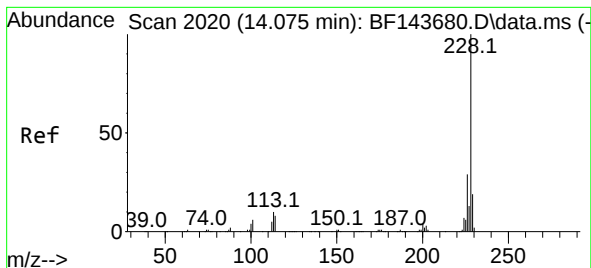
Ion Ratio Lower Upper

252 100

254 62.1 50.5 75.7

126 9.4 8.2 12.4





#83

Chrysene

Concen: 48.963 ng

RT: 14.092 min Scan# 2014

Delta R.T. 0.018 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD

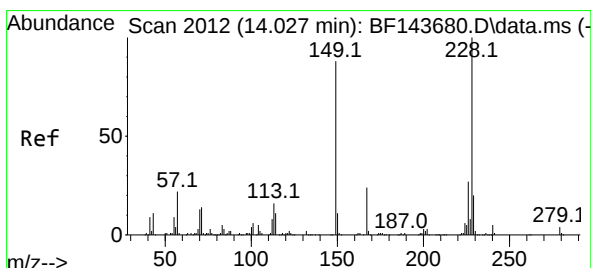
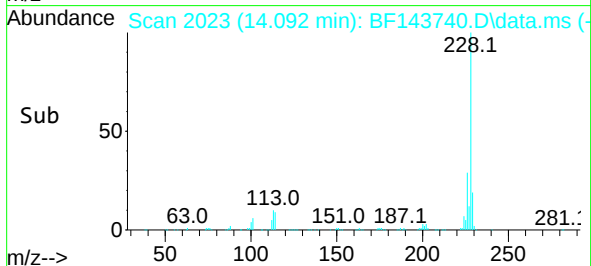
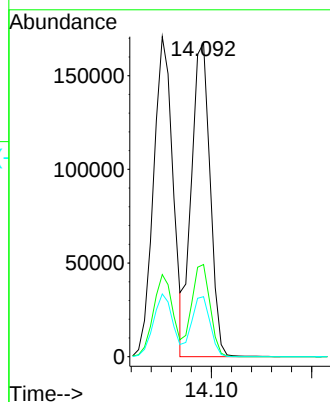
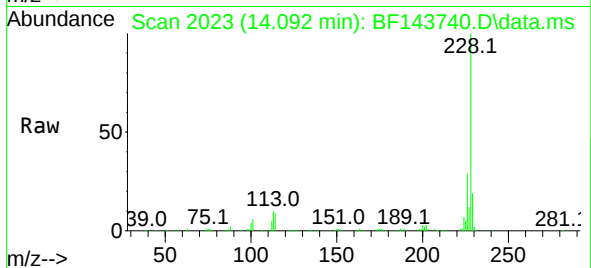
Tgt Ion:228 Resp: 216996

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

229 19.1 15.1 22.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.928 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.012 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

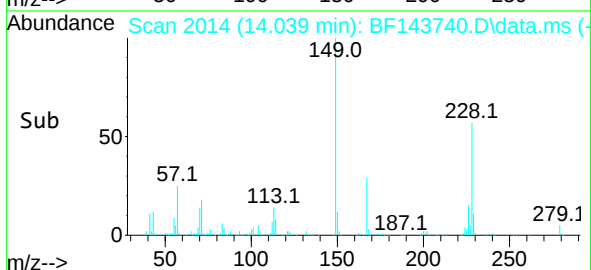
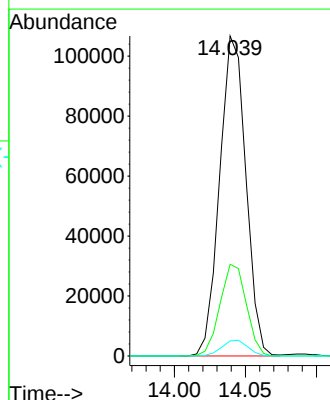
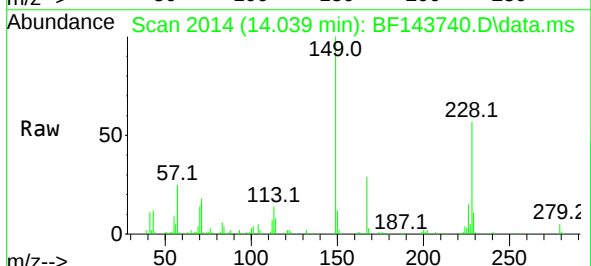
Tgt Ion:149 Resp: 136918

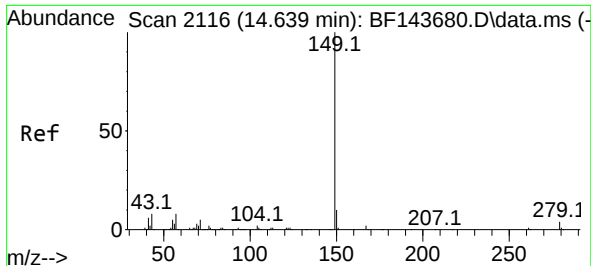
Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.2

279 4.7 3.5 5.3

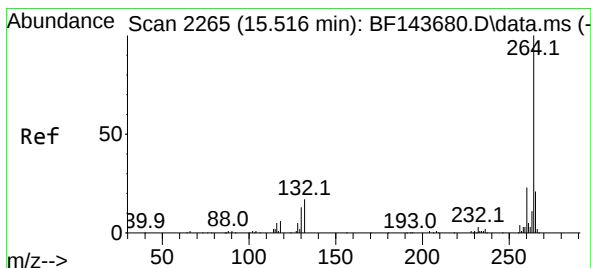
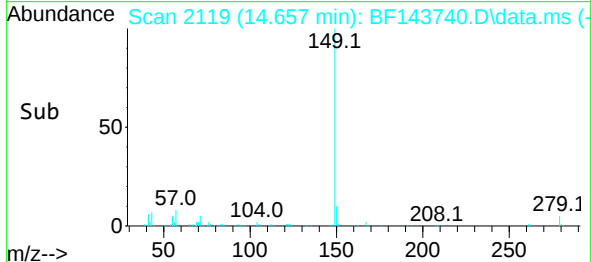
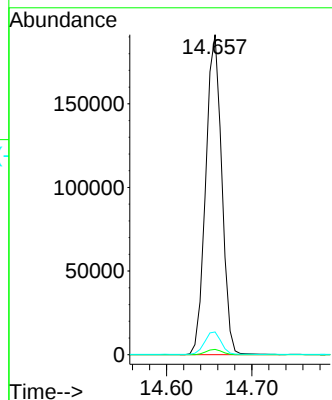
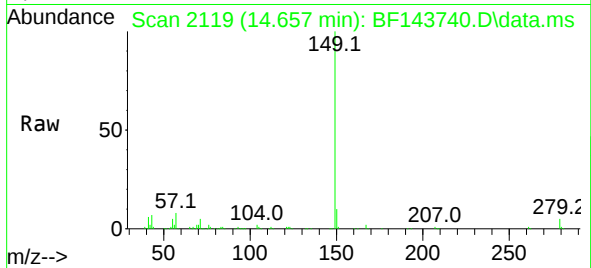




#85
Di-n-octyl phthalate
Concen: 51.768 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.018 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

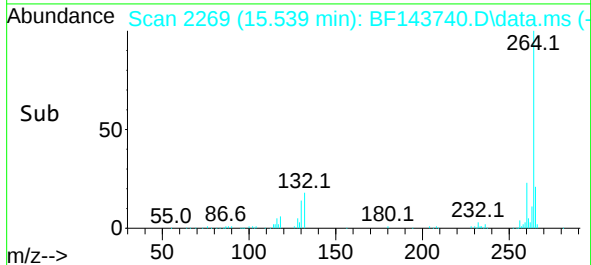
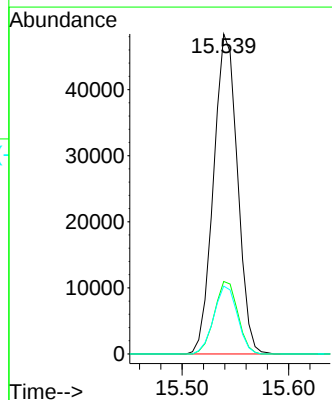
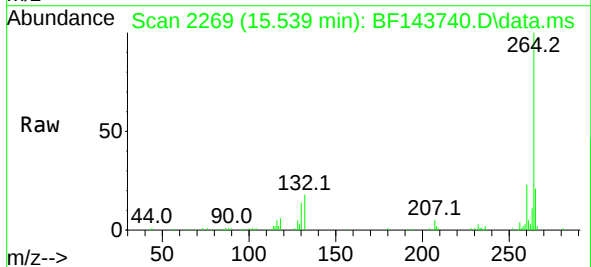
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

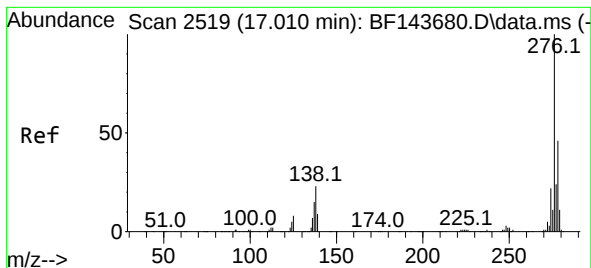
Tgt Ion:149 Resp: 249404
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.2 6.2 9.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.023 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:264 Resp: 75413
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.216 ng

RT: 17.039 min Scan# 2196

Delta R.T. 0.029 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

Instrument :

BNA_F

ClientSampleId :

30-GARFIELD-PL-COMPMSD

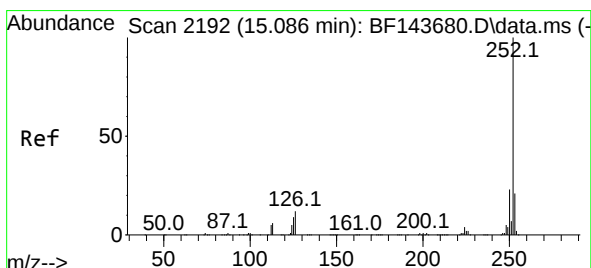
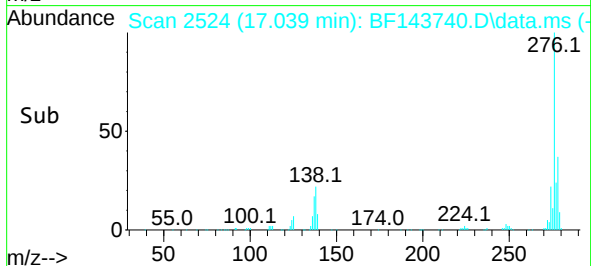
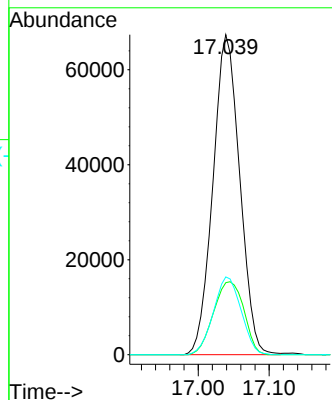
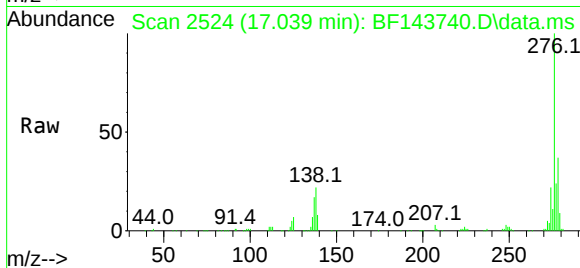
Tgt Ion:276 Resp: 176102

Ion Ratio Lower Upper

276 100

138 25.9 19.7 29.5

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.909 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.023 min

Lab File: BF143740.D

Acq: 12 Sep 2025 18:38

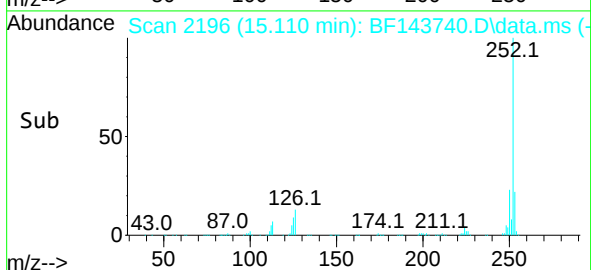
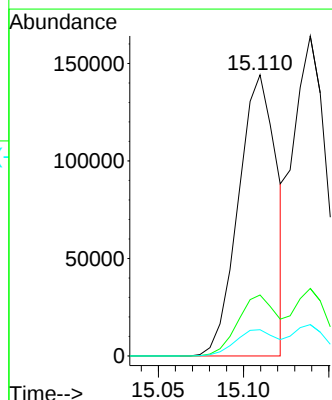
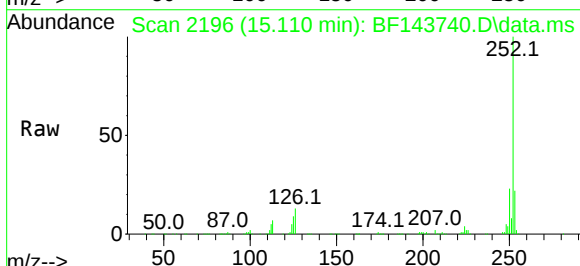
Tgt Ion:252 Resp: 224051

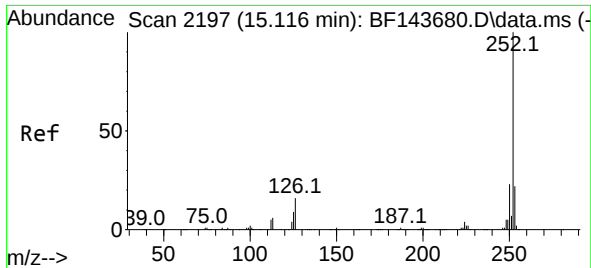
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.3 7.4 11.0

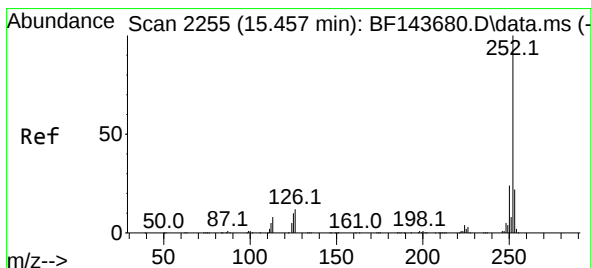
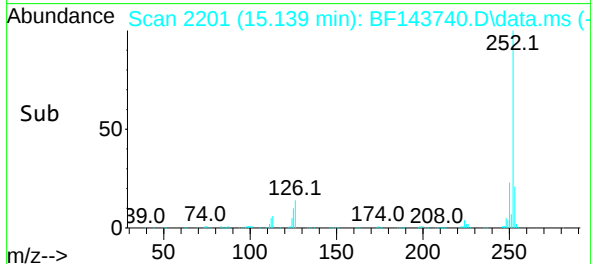
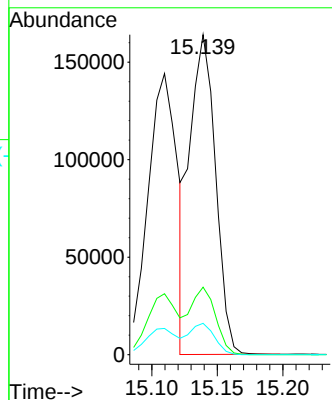
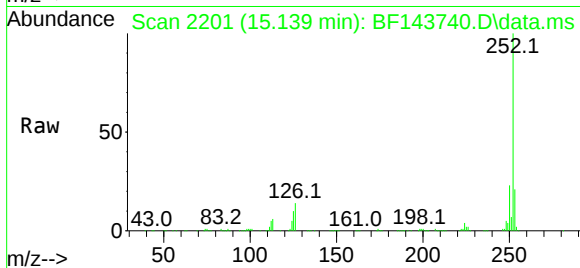




#89
Benzo(k)fluoranthene
Concen: 54.861 ng
RT: 15.139 min Scan# 2197
Delta R.T. 0.023 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

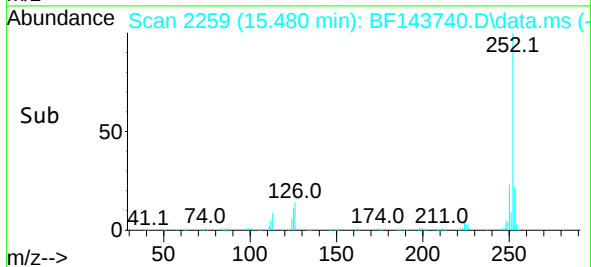
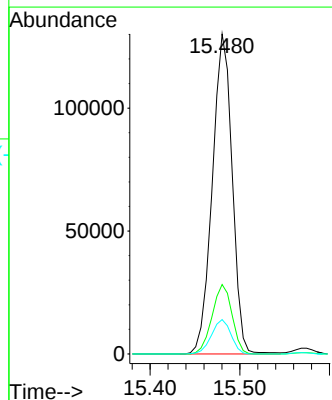
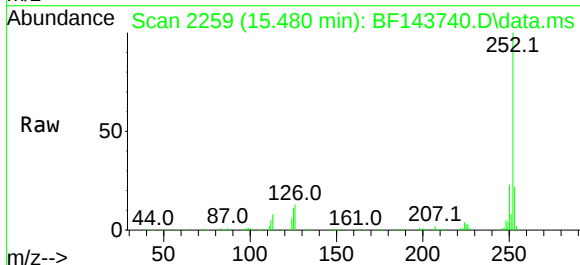
Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

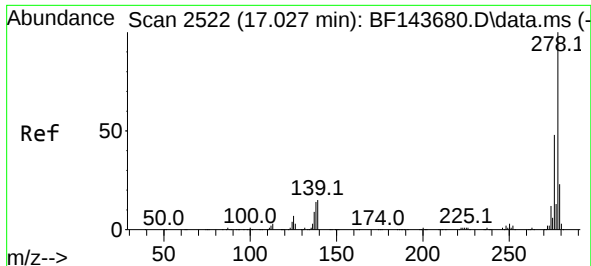
Tgt Ion:252 Resp: 222269
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 50.782 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.023 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:252 Resp: 200277
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.8 8.2 12.4

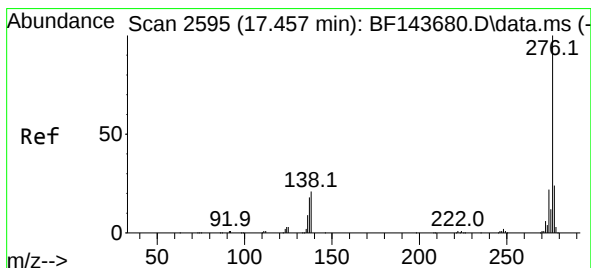
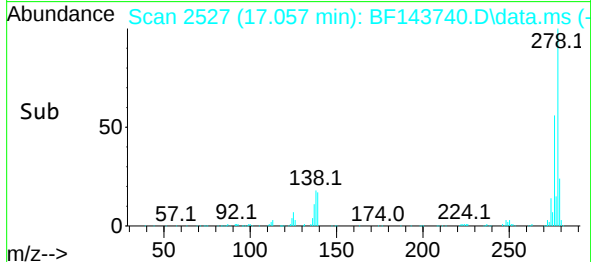
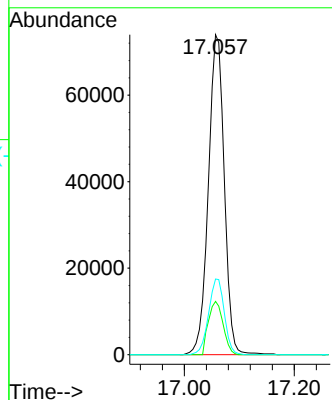
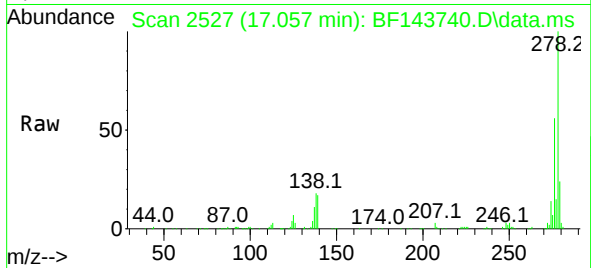




#91
Dibenzo(a,h)anthracene
Concen: 34.888 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Instrument :
BNA_F
ClientSampleId :
30-GARFIELD-PL-COMPMSD

Tgt Ion:278 Resp: 148976
Ion Ratio Lower Upper
278 100
139 16.7 12.2 18.4
279 23.6 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 32.573 ng
RT: 17.492 min Scan# 2601
Delta R.T. 0.035 min
Lab File: BF143740.D
Acq: 12 Sep 2025 18:38

Tgt Ion:276 Resp: 130099
Ion Ratio Lower Upper
276 100
277 22.9 19.2 28.8
138 22.3 17.0 25.4

