

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090525\
 Data File : BF143653.D
 Acq On : 05 Sep 2025 11:22
 Operator : RC/JU
 Sample : Q2893-03
 Misc : MDL-SOIL 8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 12:08:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	70998	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	269307	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	157603	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	269385	20.000	ng	0.00
76) Chrysene-d12	14.045	240	177434	20.000	ng	0.00
86) Perylene-d12	15.515	264	155879	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	494358	123.354	ng	0.00
7) Phenol-d6	6.510	99	622173	125.083	ng	0.00
23) Nitrobenzene-d5	7.451	82	383183	100.003	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	199618	151.465	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	845139	85.674	ng	0.00
79) Terphenyl-d14	12.998	244	963802	90.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	13968	7.387	ng	98
3) Pyridine	3.475	79	33448	6.677	ng	99
4) n-Nitrosodimethylamine	3.375	42	15014	7.216	ng	95
6) Aniline	6.551	93	55067	7.953	ng	99
8) 2-Chlorophenol	6.675	128	34467	8.305	ng	96
9) Benzaldehyde	6.439	77	28020	7.582	ng	96
10) Phenol	6.522	94	44668	8.191	ng	81
11) bis(2-Chloroethyl)ether	6.622	93	32593	7.631	ng	97
12) 1,3-Dichlorobenzene	6.828	146	40838	7.973	ng	99
13) 1,4-Dichlorobenzene	6.904	146	41326	8.044	ng	98
14) 1,2-Dichlorobenzene	7.057	146	39244	8.071	ng	97
15) Benzyl Alcohol	7.022	79	28597	7.566	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	46375	6.899	ng	97
17) 2-Methylphenol	7.128	107	28338	7.809	ng	98
18) Hexachloroethane	7.404	117	12415	7.746	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	24838	7.841	ng	98
20) 3+4-Methylphenols	7.280	107	36356	7.959	ng	# 89
22) Acetophenone	7.292	105	50060	8.220	ng	# 95
24) Nitrobenzene	7.469	77	35892	8.761	ng	97
25) Isophorone	7.698	82	65869	7.629	ng	99
26) 2-Nitrophenol	7.780	139	14028	12.100	ng	98
27) 2,4-Dimethylphenol	7.810	122	32649	8.685	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	40244	7.624	ng	99
29) 2,4-Dichlorophenol	8.016	162	30180	8.181	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	33617	8.362	ng	100
31) Naphthalene	8.192	128	107094	8.130	ng	98
32) Benzoic acid	7.857	122	11429	11.740	ng	95
33) 4-Chloroaniline	8.233	127	40478	8.875	ng	98
34) Hexachlorobutadiene	8.310	225	20430	7.813	ng	98
35) Caprolactam	8.563	113	7827	7.917	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	30700	7.947	ng	99
37) 2-Methylnaphthalene	8.880	142	64385	7.226	ng	99
38) 1-Methylnaphthalene	8.980	142	67413	7.913	ng	96
40) 1,2,4,5-Tetrachloroben...	9.045	216	34595	7.943	ng	99
41) Hexachlorocyclopentadiene	9.033	237	19353	9.150	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	21430	7.986	ng	100

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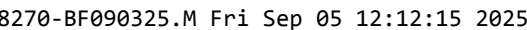
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 BNA_F
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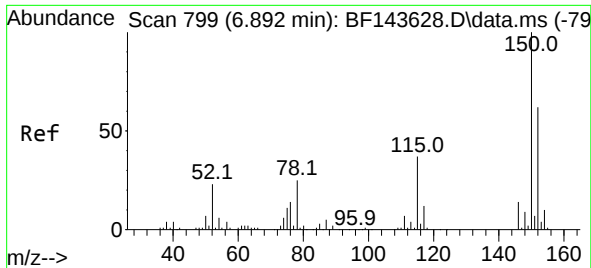
Quant Time: Sep 05 12:08:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	22951	8.284	ng	99
46) 1,1'-Biphenyl	9.345	154	89481	7.983	ng	100
47) 2-Chloronaphthalene	9.369	162	69066	7.874	ng	99
48) 2-Nitroaniline	9.457	65	17800	10.161	ng	99
49) Acenaphthylene	9.786	152	110025	8.703	ng	98
50) Dimethylphthalate	9.639	163	79746	7.991	ng	99
51) 2,6-Dinitrotoluene	9.698	165	15388	11.599	ng	97
52) Acenaphthene	9.957	154	66204	7.829	ng	99
53) 3-Nitroaniline	9.863	138	16535	10.722	ng	98
54) 2,4-Dinitrophenol	9.969	184	4086	13.231	ng	84
55) Dibenzofuran	10.127	168	98462	8.014	ng	98
56) 4-Nitrophenol	10.004	139	12238	8.271	ng	98
57) 2,4-Dinitrotoluene	10.098	165	19320	11.098	ng	98
58) Fluorene	10.469	166	79805	8.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	19337	9.191	ng	92
60) Diethylphthalate	10.339	149	75579	7.977	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	39315	8.291	ng	98
62) 4-Nitroaniline	10.474	138	15063	10.045	ng	97
63) Azobenzene	10.621	77	67879	7.601	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	7244	13.750	ng	98
66) n-Nitrosodiphenylamine	10.580	169	68281	7.853	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	23474	7.513	ng	97
68) Hexachlorobenzene	11.016	284	25086	7.644	ng	99
69) Atrazine	11.098	200	21235	8.169	ng	100
70) Pentachlorophenol	11.204	266	14121	7.660	ng	98
71) Phenanthrene	11.433	178	116156	7.974	ng	99
72) Anthracene	11.480	178	114782	7.857	ng	100
73) Carbazole	11.633	167	101081	8.209	ng	98
74) Di-n-butylphthalate	11.968	149	114790	8.302	ng	99
75) Fluoranthene	12.615	202	113144	8.457	ng	100
77) Benzidine	12.739	184	46679	11.499	ng	98
78) Pyrene	12.845	202	113548	7.755	ng	99
80) Butylbenzylphthalate	13.468	149	30479	9.384	ng	99
81) Benzo(a)anthracene	14.033	228	86974	7.568	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	26358	8.413	ng	# 98
83) Chrysene	14.068	228	80364	7.779	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	42832	9.043	ng	100
85) Di-n-octyl phthalate	14.639	149	64525	6.129	ng	98
87) Indeno(1,2,3-cd)pyrene	16.997	276	80188	7.379	ng	99
88) Benzo(b)fluoranthene	15.080	252	72588	7.729	ng	99
89) Benzo(k)fluoranthene	15.109	252	63059	7.764	ng	97
90) Benzo(a)pyrene	15.451	252	64627	8.005	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	66751	7.468	ng	99
92) Benzo(g,h,i)perylene	17.445	276	64802	7.526	ng	98

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

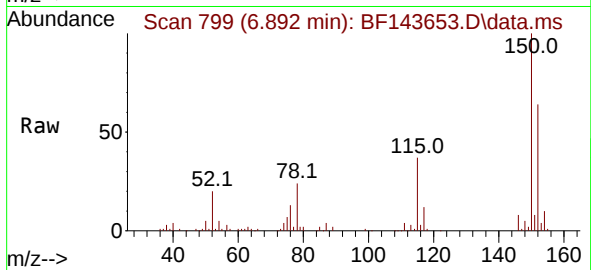
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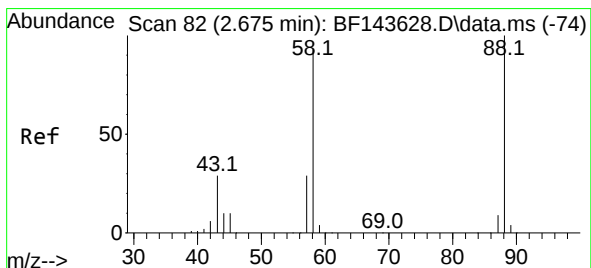
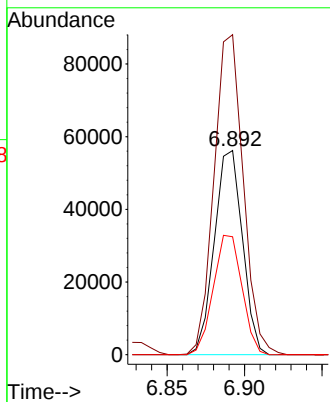
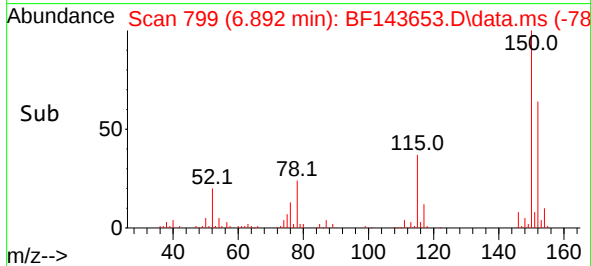


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143653.D
 Acq: 05 Sep 2025 11:22

Instrument :
 BNA_F
 ClientSampleId :

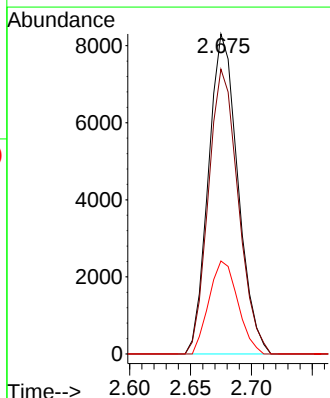
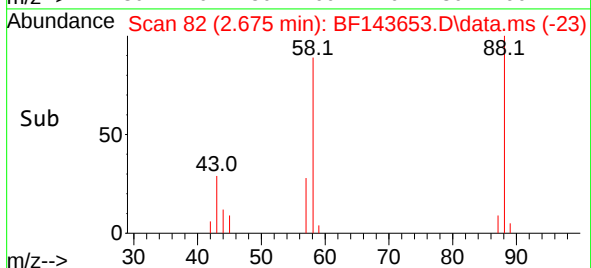
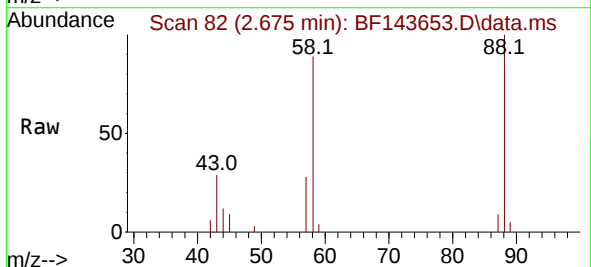


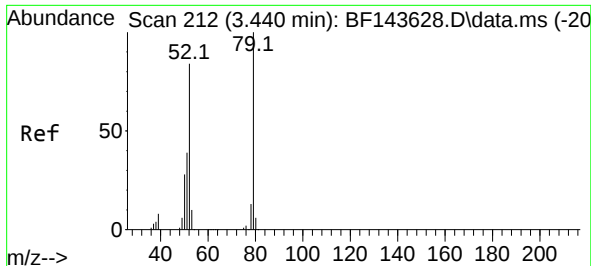
Tgt Ion:152 Resp: 70998
 Ion Ratio Lower Upper
 152 100
 150 156.7 128.4 192.6
 115 57.8 47.9 71.9



#2
 1,4-Dioxane
 Concen: 7.387 ng
 RT: 2.675 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: BF143653.D
 Acq: 05 Sep 2025 11:22

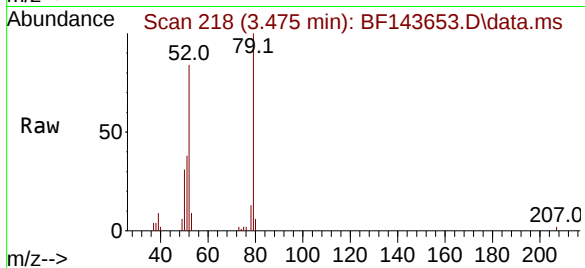
Tgt Ion: 88 Resp: 13968
 Ion Ratio Lower Upper
 88 100
 58 90.0 73.9 110.9
 43 28.5 23.4 35.2



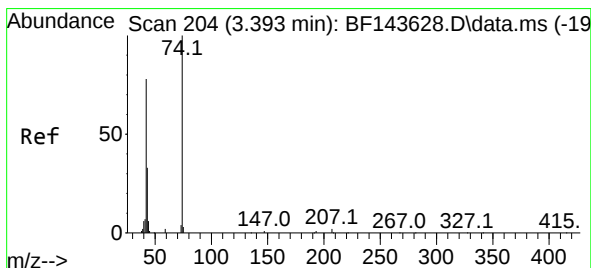
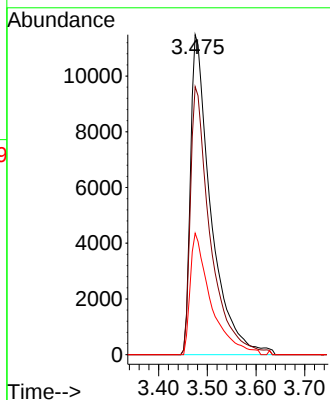
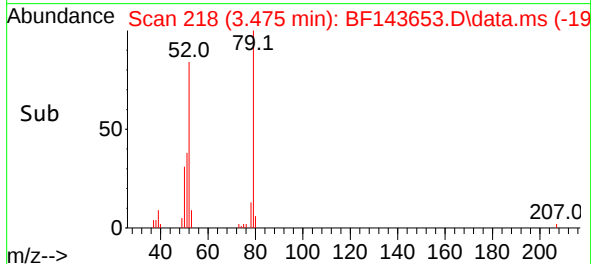


#3
Pyridine
Concen: 6.677 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

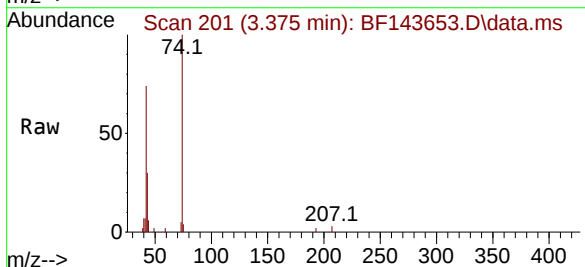
Instrument :
BNA_F
ClientSampleId :



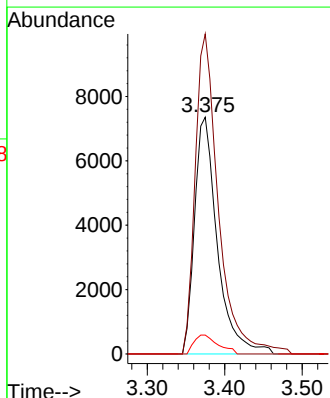
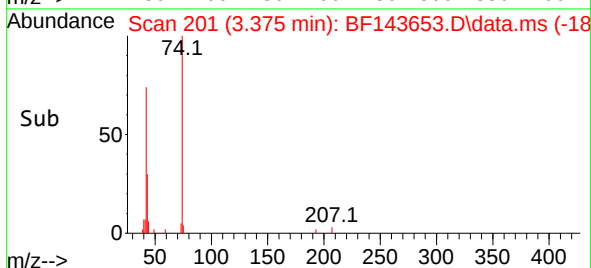
Tgt Ion: 79 Resp: 33448
Ion Ratio Lower Upper
79 100
52 83.7 67.4 101.2
51 37.9 31.0 46.6

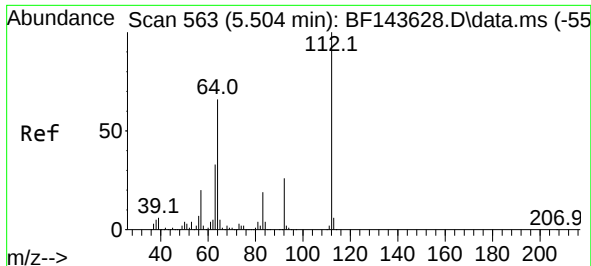


#4
n-Nitrosodimethylamine
Concen: 7.216 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.018 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22



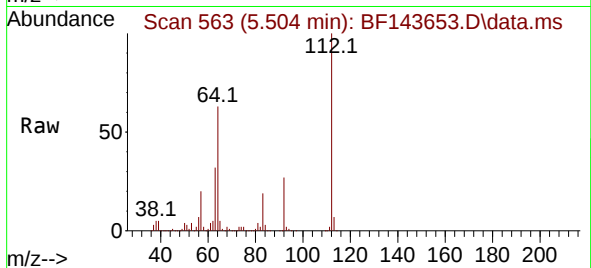
Tgt Ion: 42 Resp: 15014
Ion Ratio Lower Upper
42 100
74 135.1 102.9 154.3
44 7.9 6.5 9.7



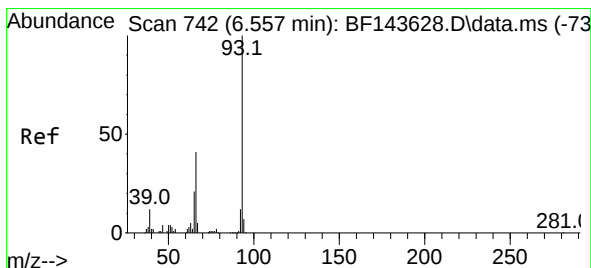
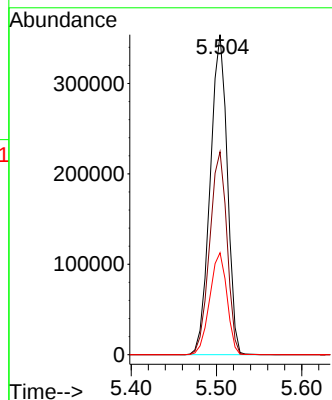
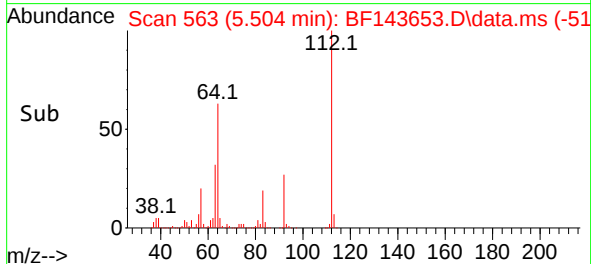


#5
2-Fluorophenol
Concen: 123.354 ng
RT: 5.504 min Scan# 501
Delta R.T. -0.000 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

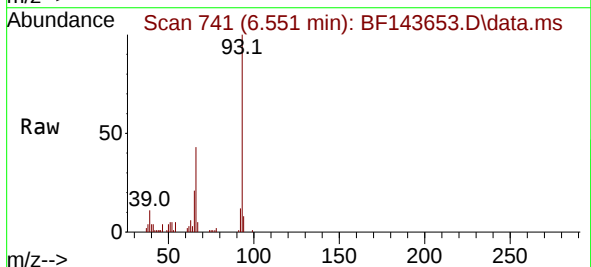
Instrument :
BNA_F
ClientSampleId :



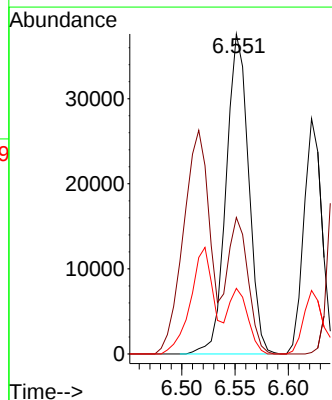
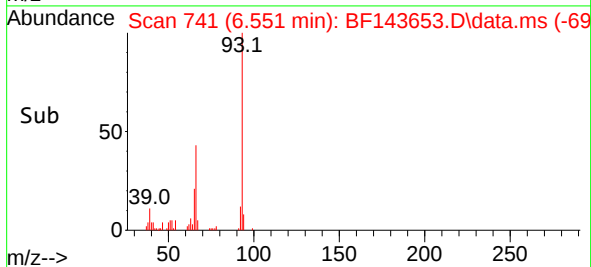
Tgt Ion:112 Resp: 494358
Ion Ratio Lower Upper
112 100
64 63.4 52.7 79.1
63 31.9 26.5 39.7

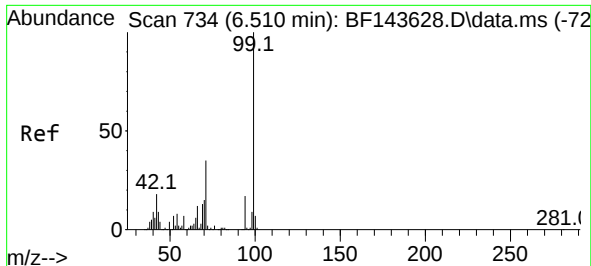


#6
Aniline
Concen: 7.953 ng
RT: 6.551 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22



Tgt Ion: 93 Resp: 55067
Ion Ratio Lower Upper
93 100
66 42.6 34.6 51.8
65 20.5 16.9 25.3



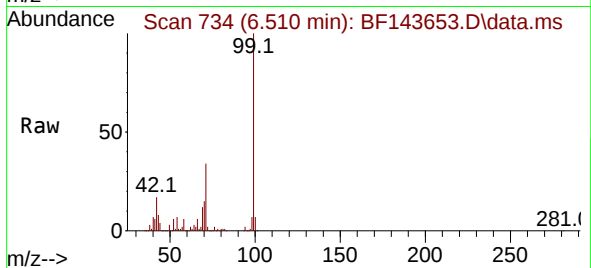


#7
Phenol-d6
Concen: 125.083 ng
RT: 6.510 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Instrument :

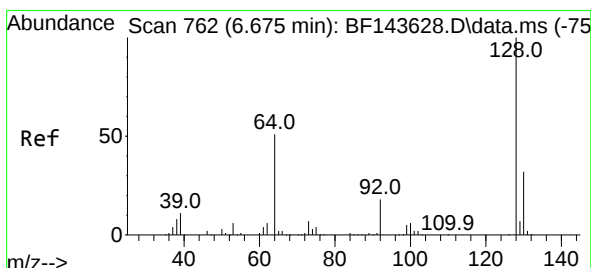
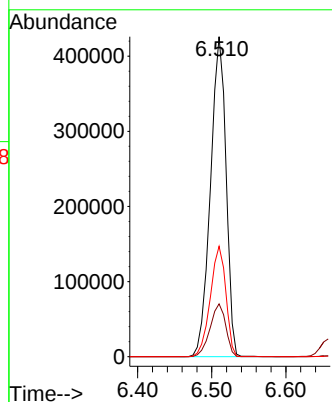
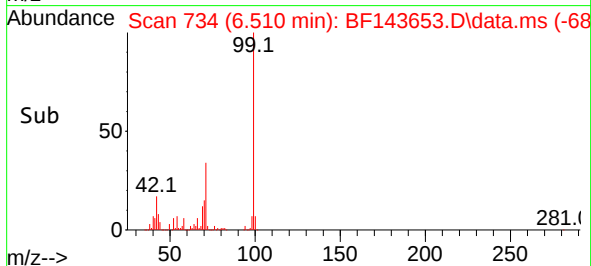
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ClientSampleId :

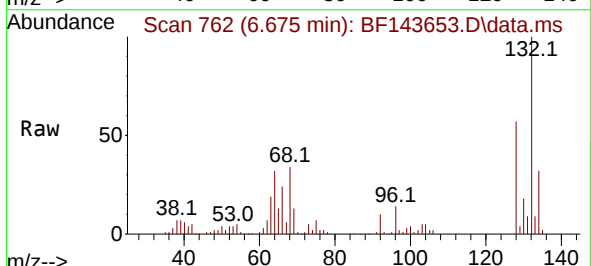


Tgt Ion: 99 Resp: 622173

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.6	22.0
71	34.5	28.0	42.0

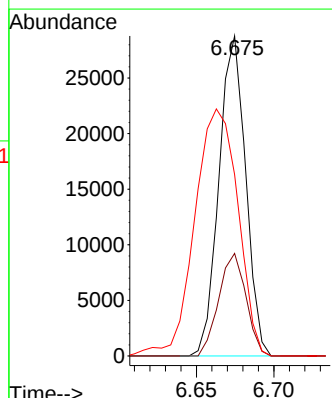
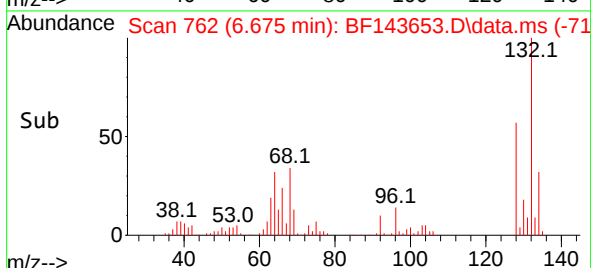


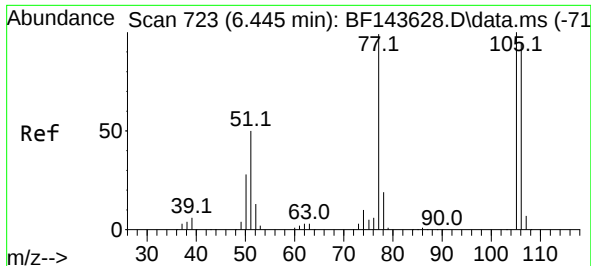
#8
2-Chlorophenol
Concen: 8.305 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22



Tgt Ion: 128 Resp: 34467

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.3	52.3
64	56.7	32.9	72.9

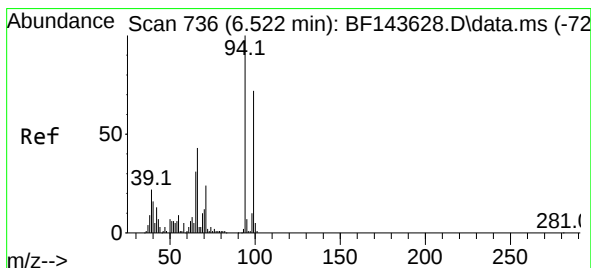
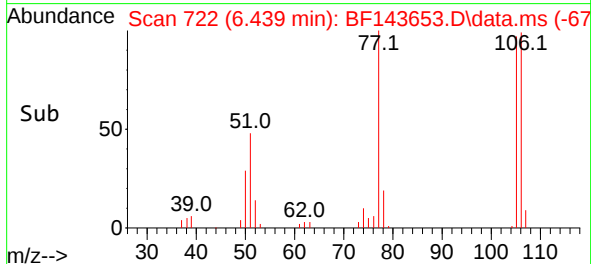
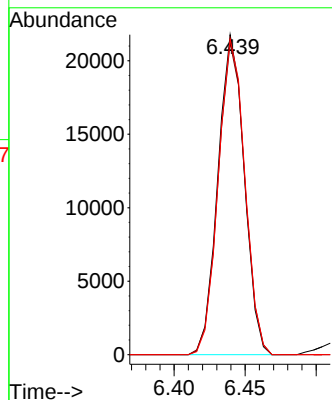
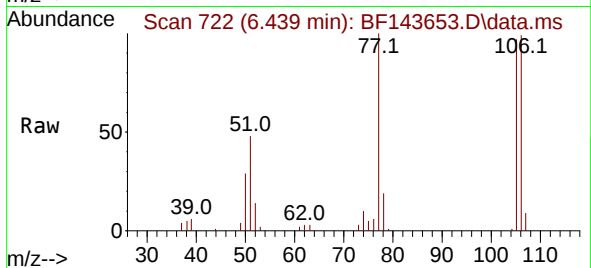




#9
Benzaldehyde
Concen: 7.582 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

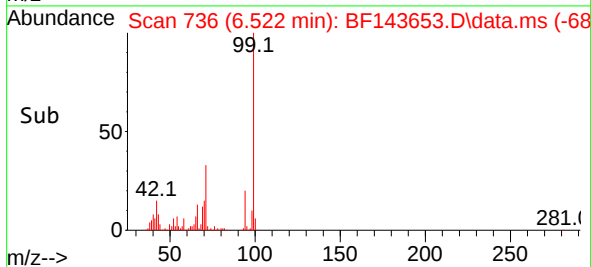
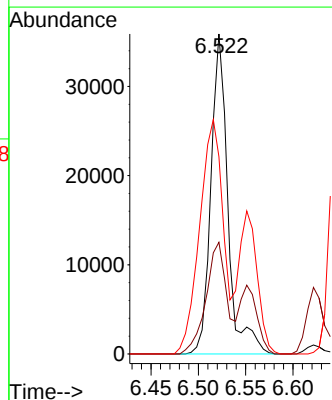
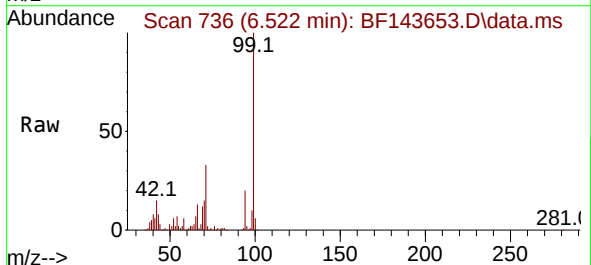
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 28020
Ion Ratio Lower Upper
77 100
105 97.5 80.9 120.9
106 98.8 75.1 115.1



#10
Phenol
Concen: 8.191 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

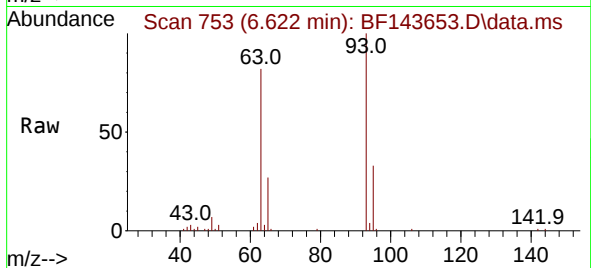
Tgt Ion: 94 Resp: 44668
Ion Ratio Lower Upper
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65 34.9 11.4 51.4
66 61.7 23.7 63.7



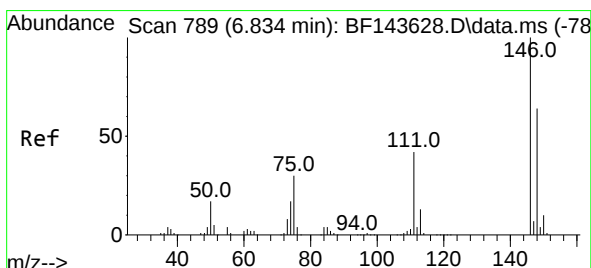
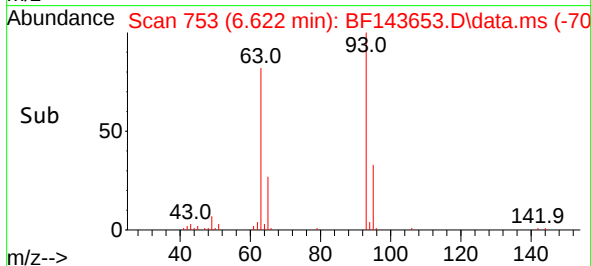
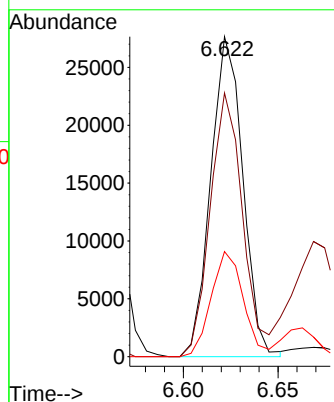


#11
bis(2-Chloroethyl)ether
Concen: 7.631 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Instrument :
BNA_F
ClientSampleId :

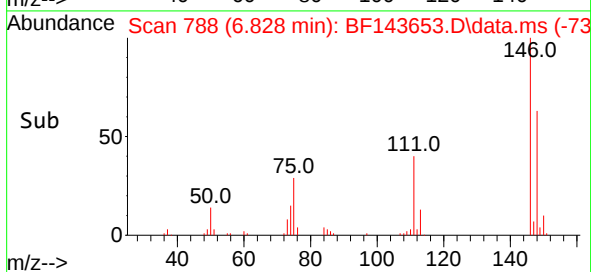
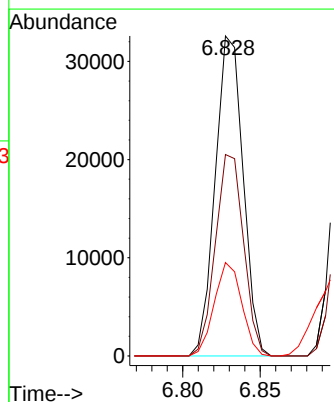
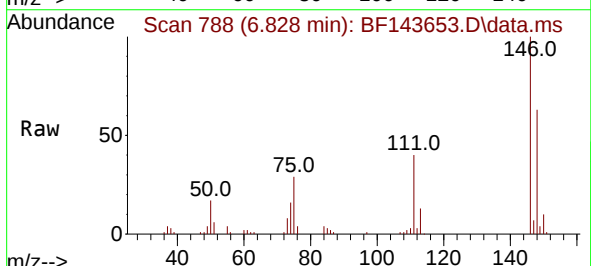


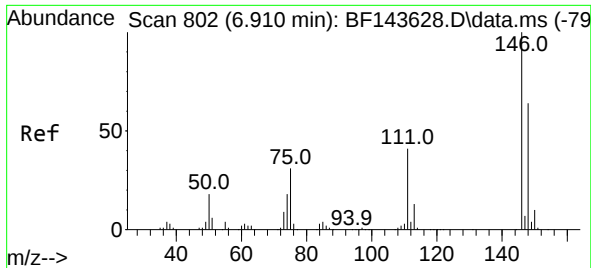
Tgt Ion: 93 Resp: 32593
Ion Ratio Lower Upper
93 100
63 82.4 66.5 106.5
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 7.973 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:146 Resp: 40838
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
75 29.2 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 8.044 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF143653.D

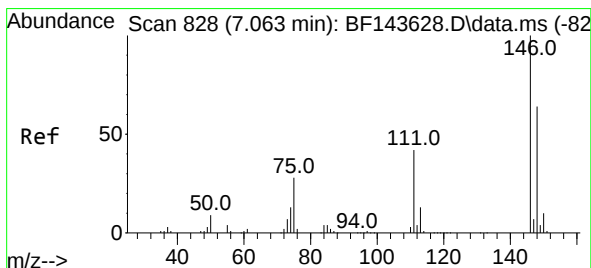
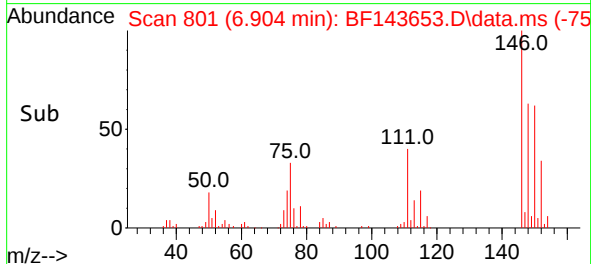
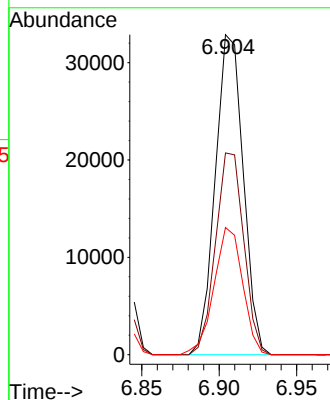
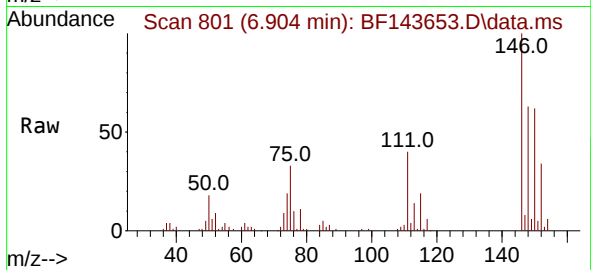
Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:146	Resp:	41326
Ion Ratio	Lower	Upper
146	100	
148	63.1	51.4 77.2
111	39.8	33.1 49.7



#14

1,2-Dichlorobenzene

Concen: 8.071 ng

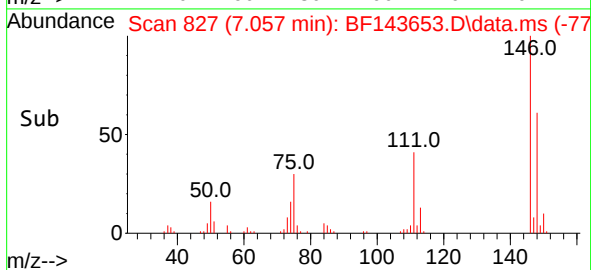
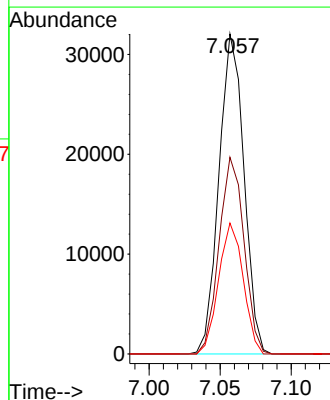
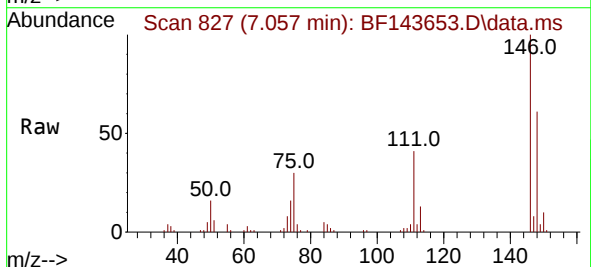
RT: 7.057 min Scan# 827

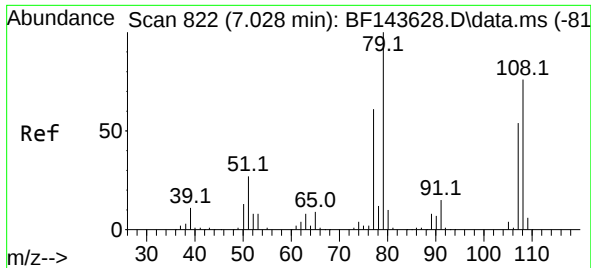
Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Tgt Ion:146	Resp:	39244
Ion Ratio	Lower	Upper
146	100	
148	61.5	51.2 76.8
111	40.9	33.9 50.9

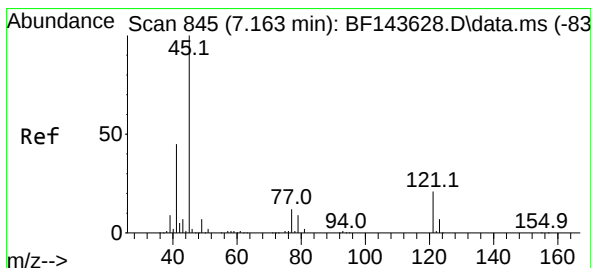
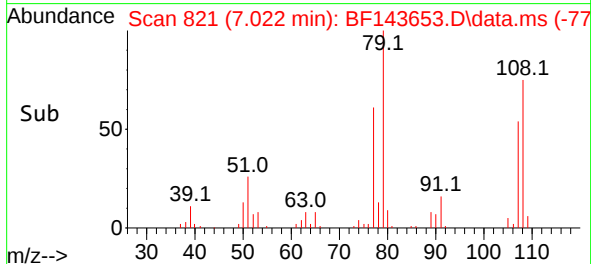
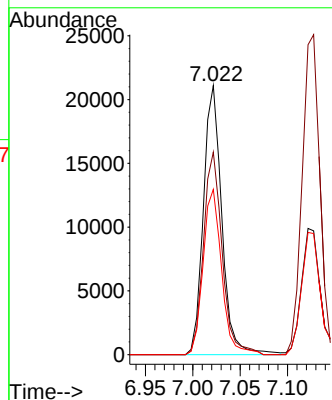
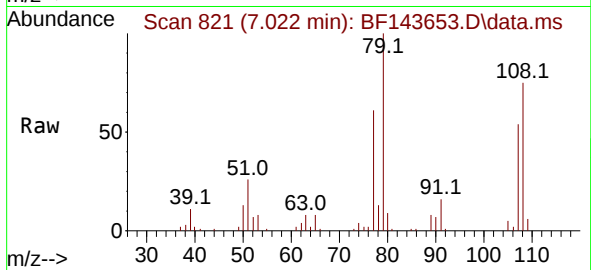




#15
Benzyl Alcohol
Concen: 7.566 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

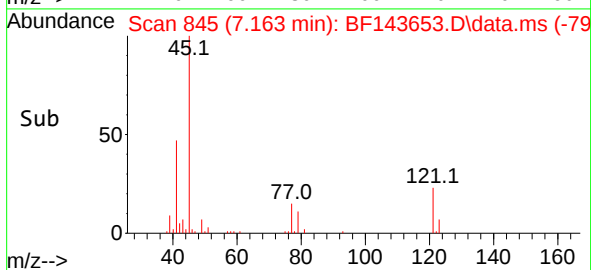
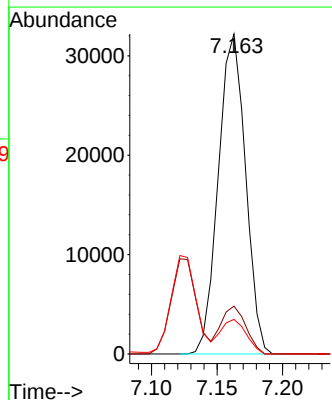
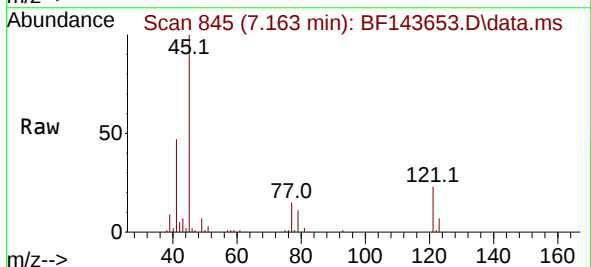
Instrument :
BNA_F
ClientSampleId :

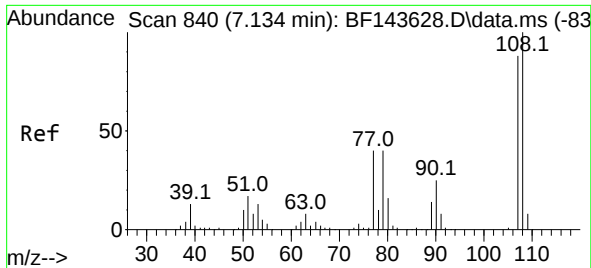
Tgt Ion: 79 Resp: 28597
Ion Ratio Lower Upper
79 100
108 75.3 60.9 91.3
77 61.5 48.4 72.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.899 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

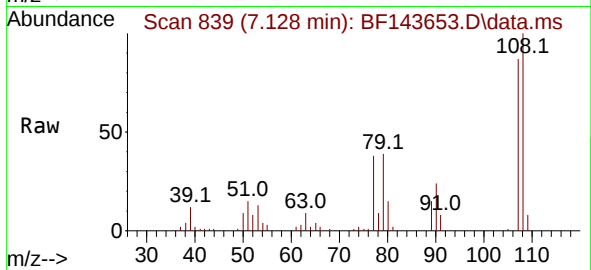
Tgt Ion: 45 Resp: 46375
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.5
79 10.8 0.0 29.8



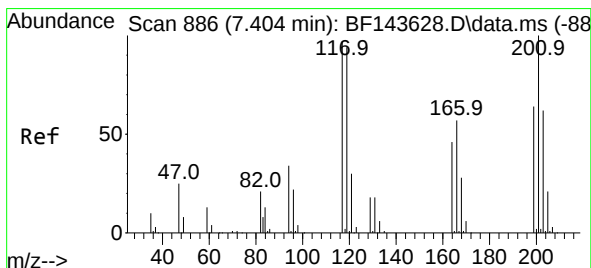
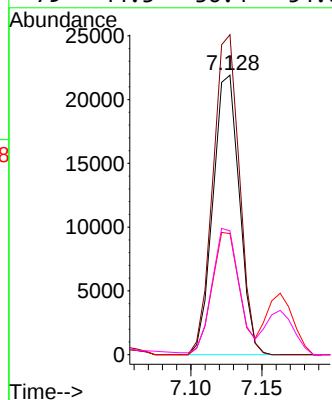
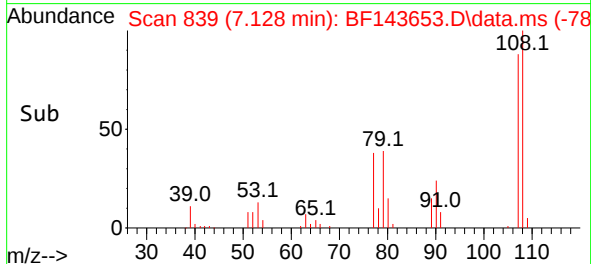


#17
2-Methylphenol
Concen: 7.809 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Instrument :
BNA_F
ClientSampleId :

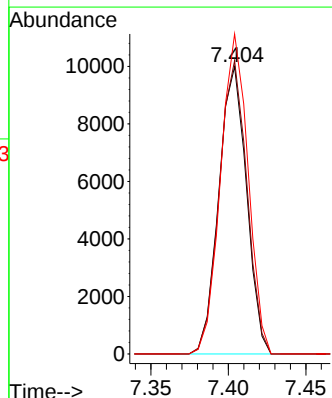
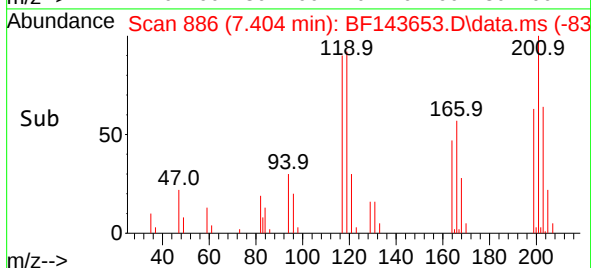
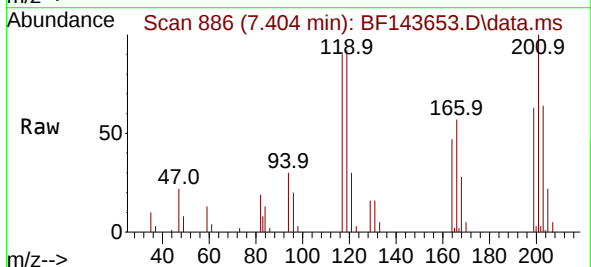


Tgt Ion:	107	Resp:	28338
Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.5	135.7
77	43.3	35.9	53.9
79	44.3	36.4	54.6



#18
Hexachloroethane
Concen: 7.746 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:	117	Resp:	12415
Ion	Ratio	Lower	Upper
117	100		
119	102.1	77.7	116.5
201	111.4	82.7	124.1





#19

n-Nitroso-di-n-propylamine

Concen: 7.841 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

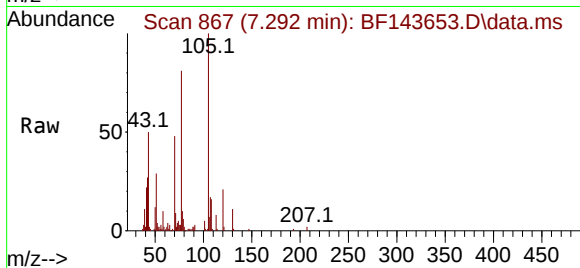
Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 24838

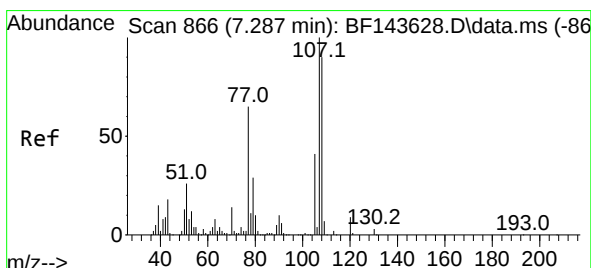
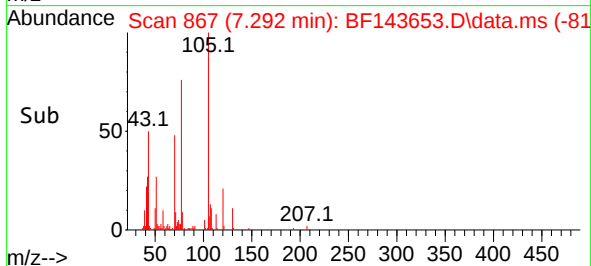
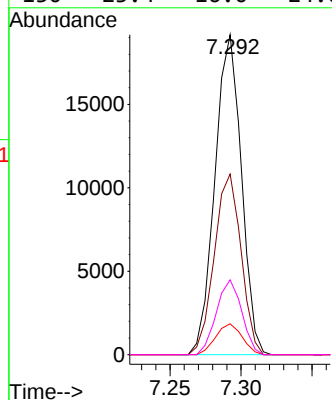
Ion Ratio Lower Upper

70 100

42 56.5 45.2 67.8

101 9.6 7.6 11.4

130 23.4 16.0 24.0



#20

3+4-Methylphenols

Concen: 7.959 ng

RT: 7.280 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Tgt Ion: 107 Resp: 36356

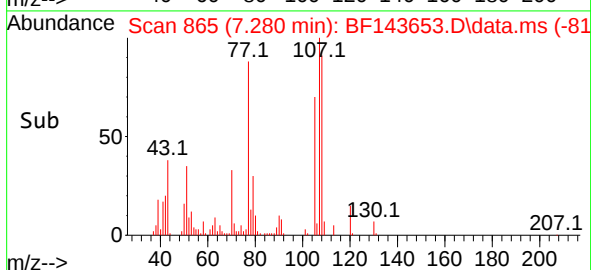
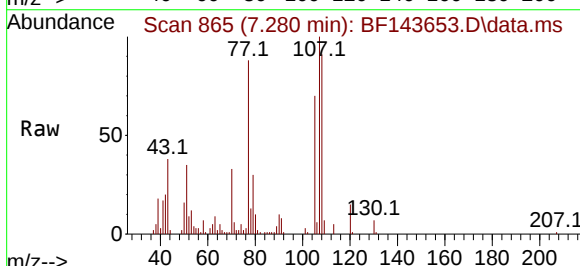
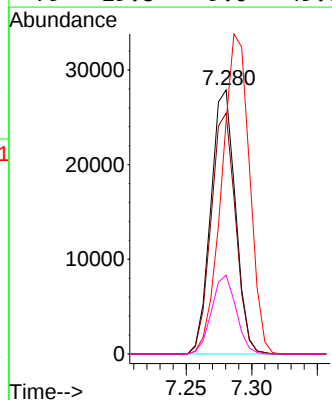
Ion Ratio Lower Upper

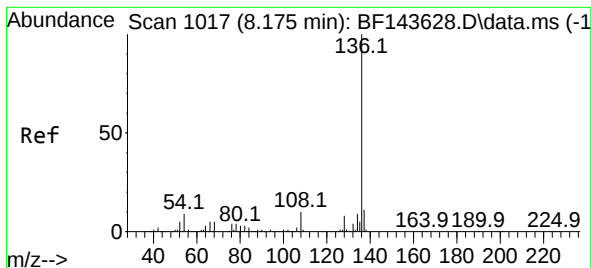
107 100

108 91.3 69.6 109.6

77 88.2 45.5 85.5

79 29.8 9.0 49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

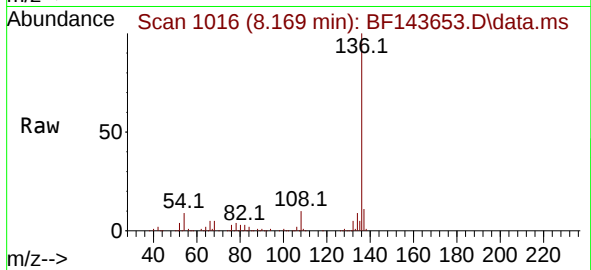
Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 269307

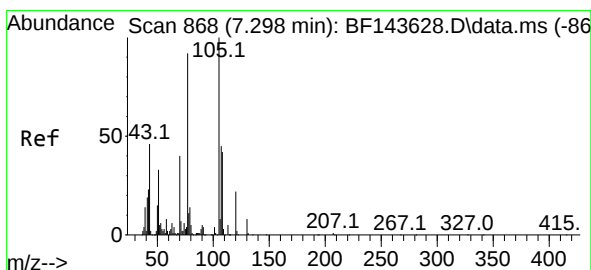
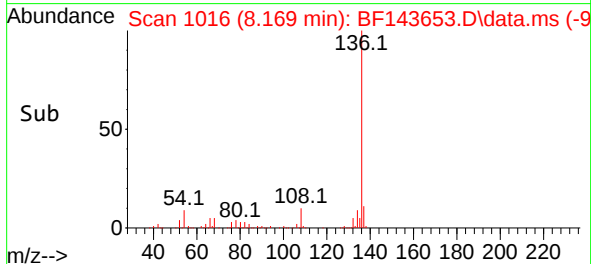
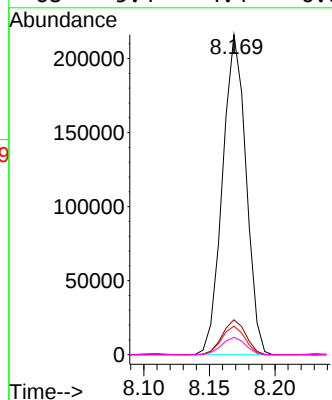
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.0 7.3 10.9

68 5.4 4.4 6.6



#22

Acetophenone

Concen: 8.220 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Tgt Ion:105 Resp: 50060

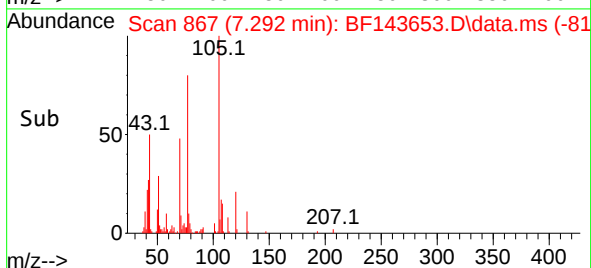
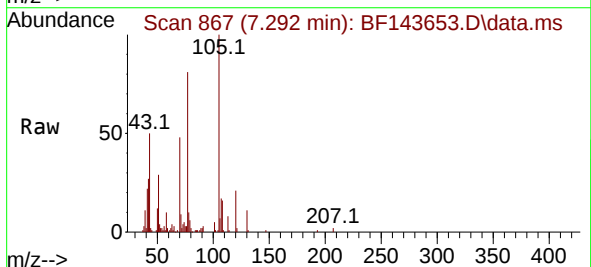
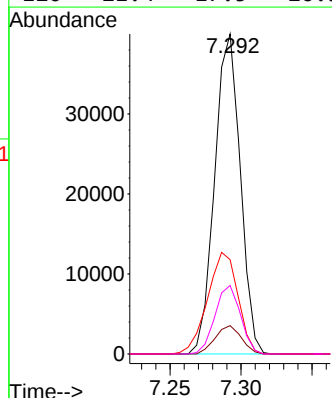
Ion Ratio Lower Upper

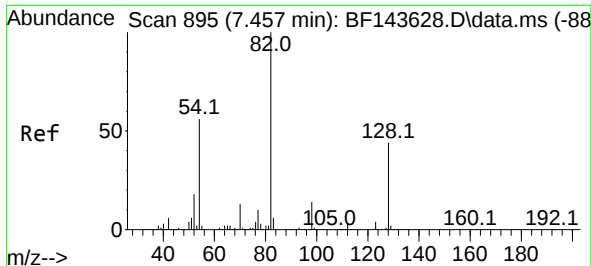
105 100

71 8.8 5.3 7.9#

51 29.5 26.7 40.1

120 21.4 17.5 26.3





#23

Nitrobenzene-d5

Concen: 100.003 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

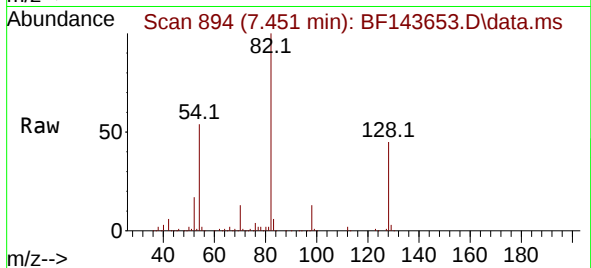
Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :



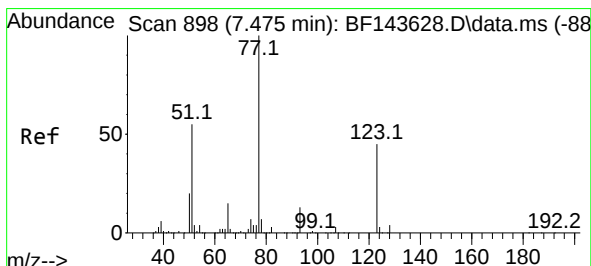
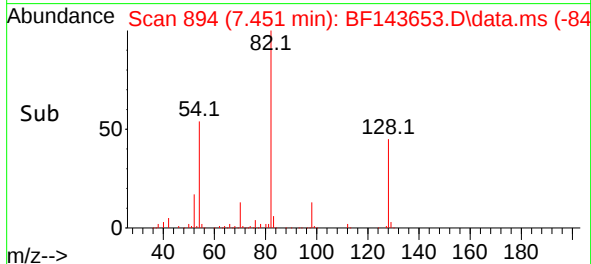
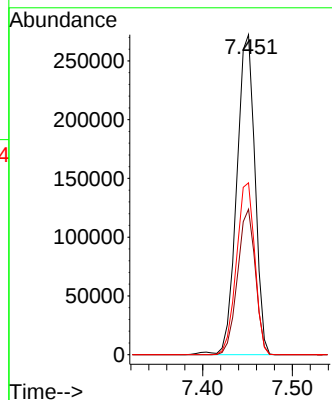
Tgt Ion: 82 Resp: 383183

Ion Ratio Lower Upper

82 100

128 45.4 34.7 52.1

54 53.7 44.8 67.2



#24

Nitrobenzene

Concen: 8.761 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

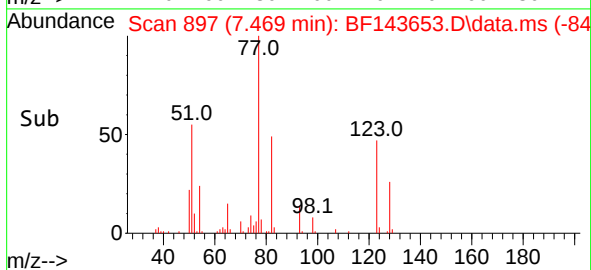
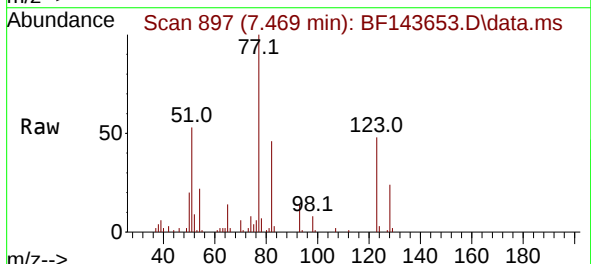
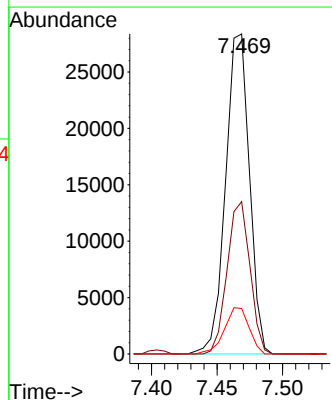
Tgt Ion: 77 Resp: 35892

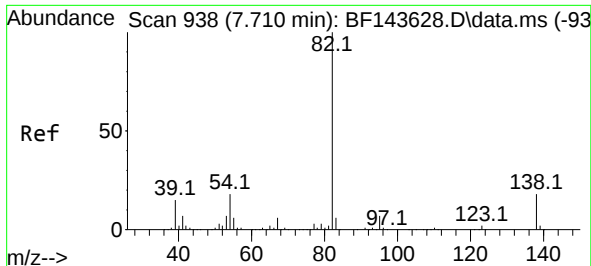
Ion Ratio Lower Upper

77 100

123 47.6 36.2 54.4

65 14.2 11.8 17.8

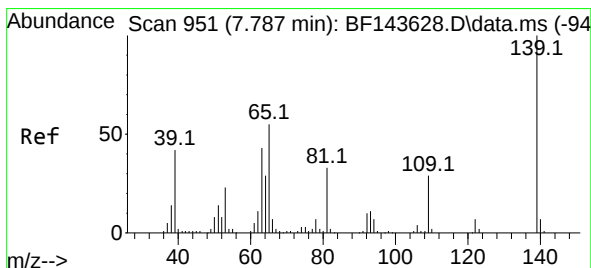
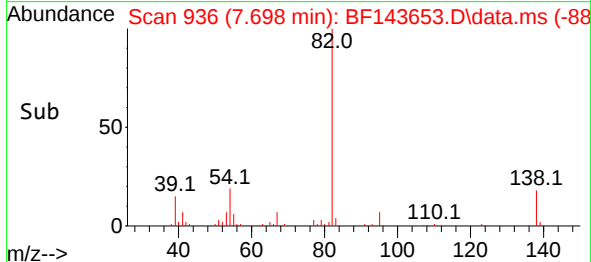
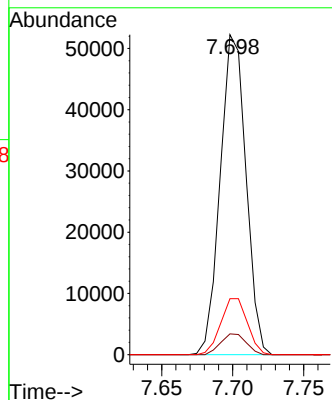
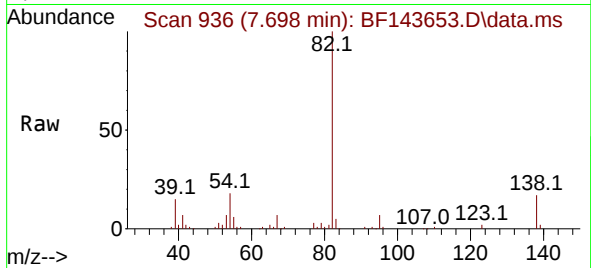




#25
Isophorone
Concen: 7.629 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

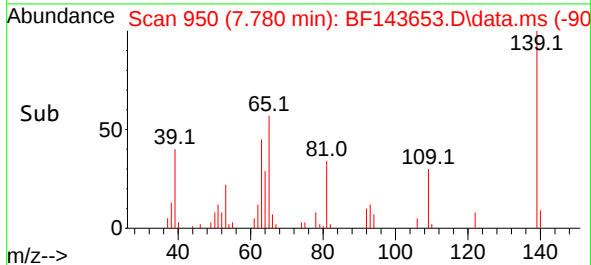
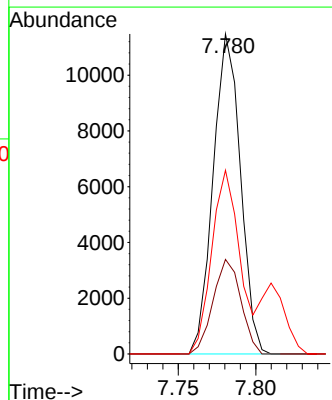
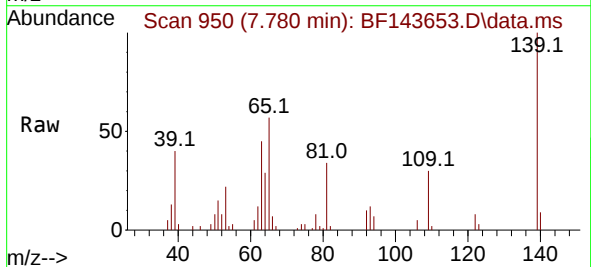
Instrument :
BNA_F
ClientSampleId :

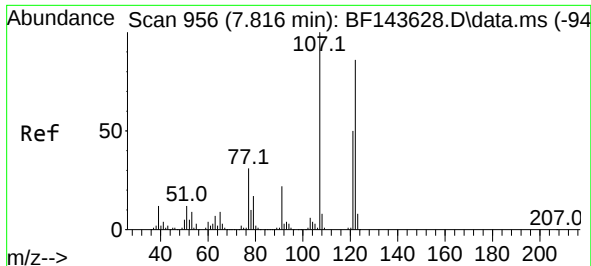
Tgt Ion: 82 Resp: 65869
Ion Ratio Lower Upper
82 100
95 6.5 5.8 8.8
138 17.5 14.2 21.2



#26
2-Nitrophenol
Concen: 12.100 ng
RT: 7.780 min Scan# 950
Delta R.T. -0.007 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion: 139 Resp: 14028
Ion Ratio Lower Upper
139 100
109 29.5 23.5 35.3
65 57.4 44.1 66.1





#27

2,4-Dimethylphenol

Concen: 8.685 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

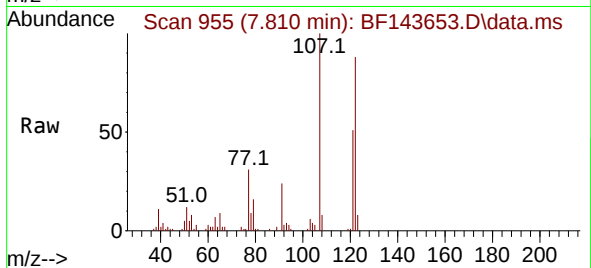
Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :



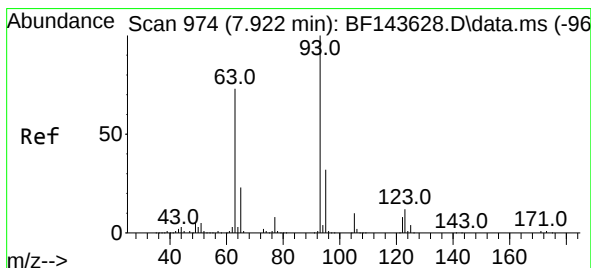
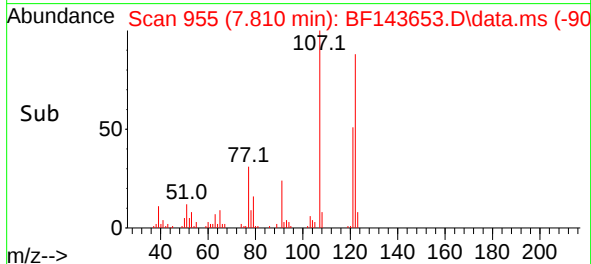
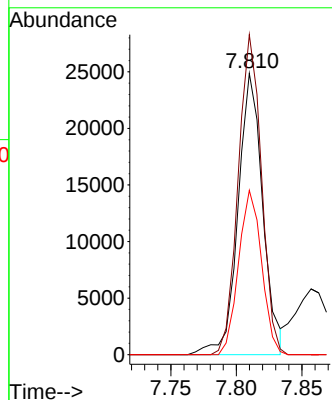
Tgt Ion:122 Resp: 32649

Ion Ratio Lower Upper

122 100

107 113.7 93.4 140.0

121 58.4 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 7.624 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

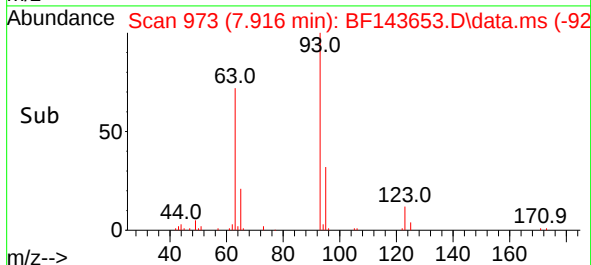
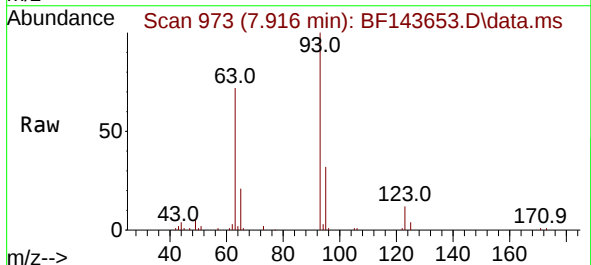
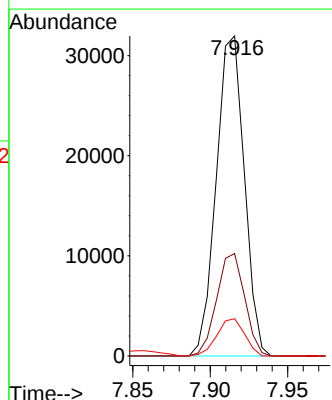
Tgt Ion: 93 Resp: 40244

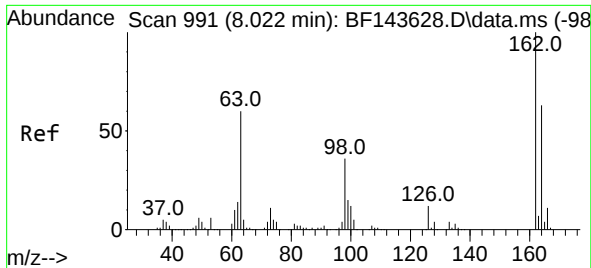
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

123 11.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 8.181 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143653.D

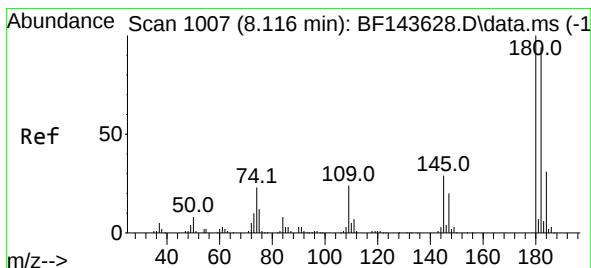
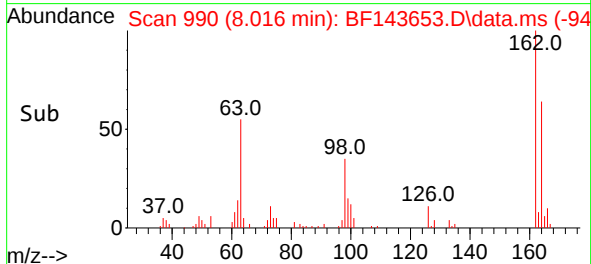
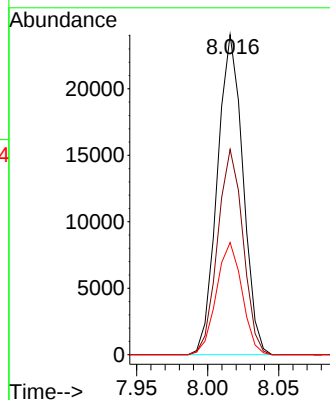
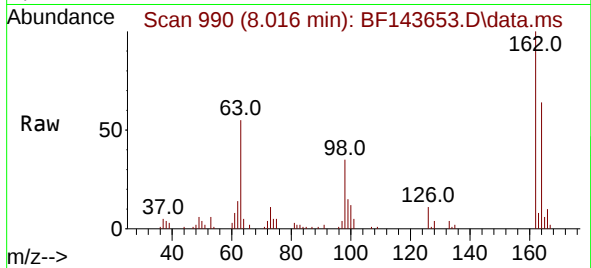
Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:162	Resp:	30180
Ion Ratio	Lower	Upper
162	100	
164	64.2	42.9 82.9
98	35.1	15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 8.362 ng

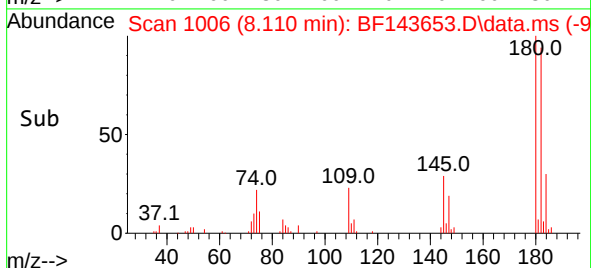
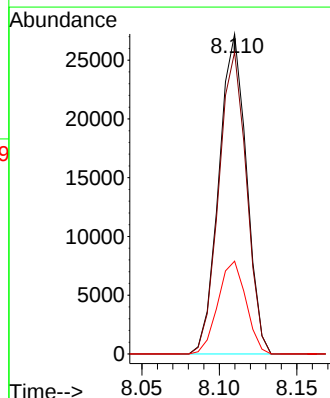
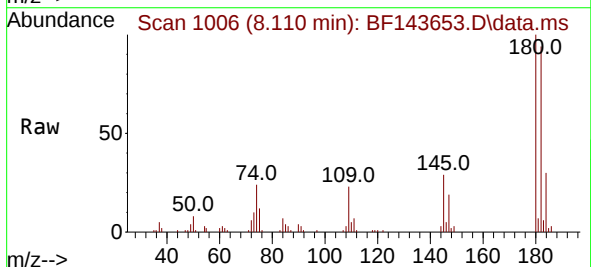
RT: 8.110 min Scan# 1006

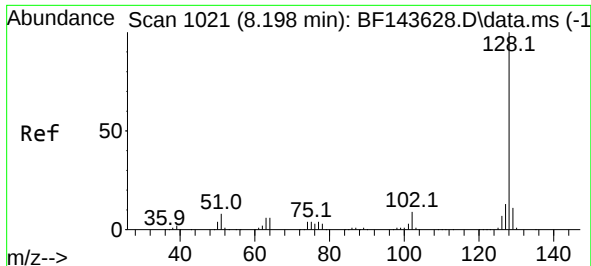
Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

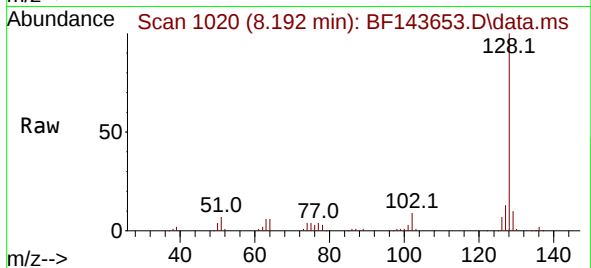
Tgt Ion:180	Resp:	33617
Ion Ratio	Lower	Upper
180	100	
182	94.3	75.2 112.8
145	29.0	23.6 35.4



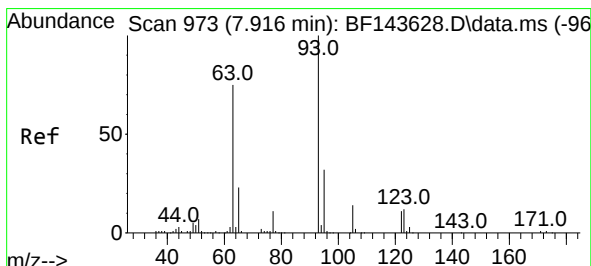
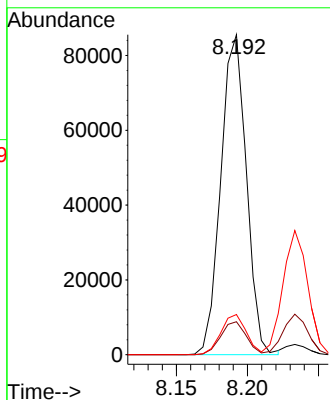
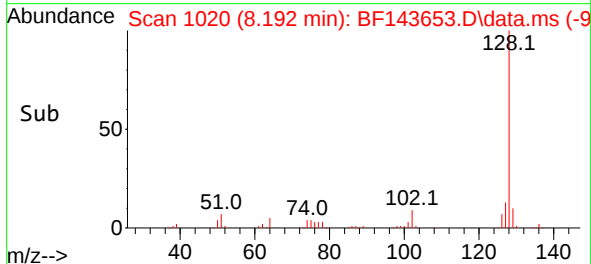


#31
Naphthalene
Concen: 8.130 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

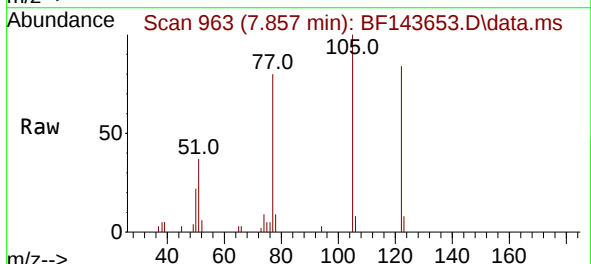
Instrument :
BNA_F
ClientSampleId :



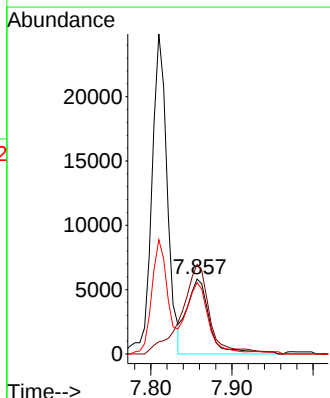
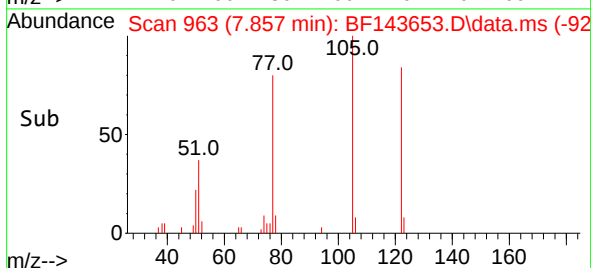
Tgt Ion:128 Resp: 107094
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 12.6 10.6 16.0

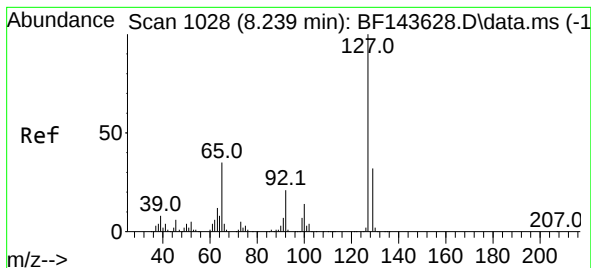


#32
Benzoic acid
Concen: 11.740 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.059 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22



Tgt Ion:122 Resp: 11429
Ion Ratio Lower Upper
122 100
105 119.4 105.9 145.9
77 95.2 78.6 118.6





#33

4-Chloroaniline

Concen: 8.875 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 40478

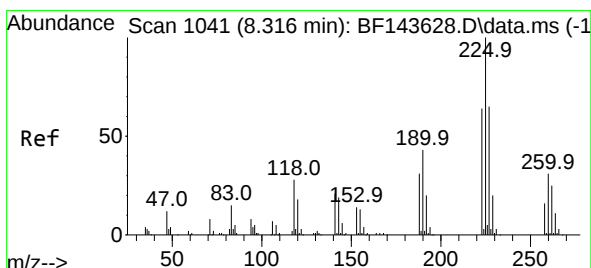
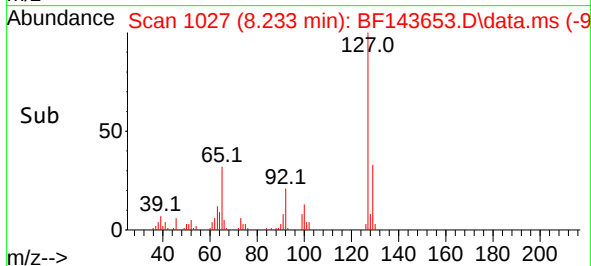
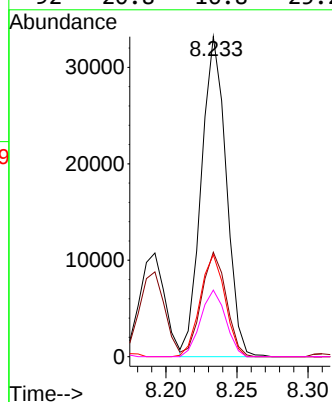
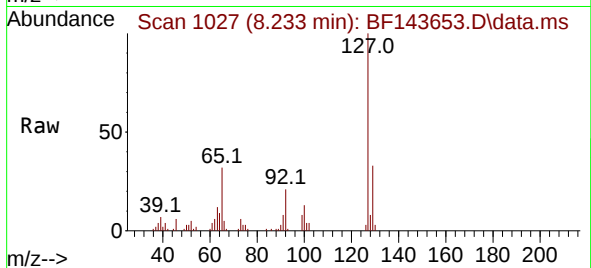
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.2

65 31.9 27.6 41.4

92 20.8 16.8 25.2



#34

Hexachlorobutadiene

Concen: 7.813 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

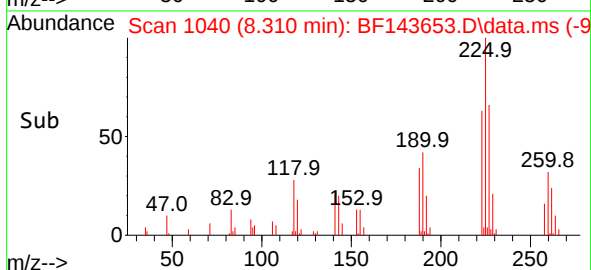
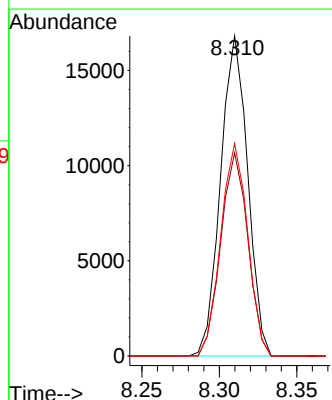
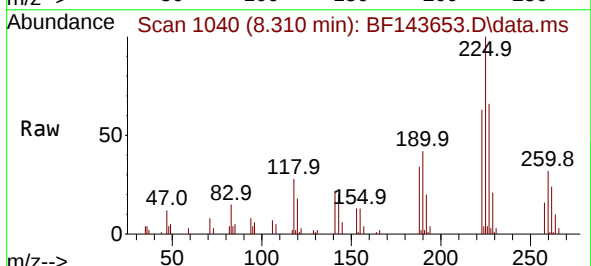
Tgt Ion:225 Resp: 20430

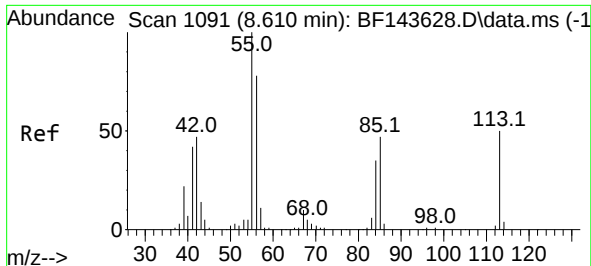
Ion Ratio Lower Upper

225 100

223 63.4 51.3 76.9

227 66.4 51.7 77.5

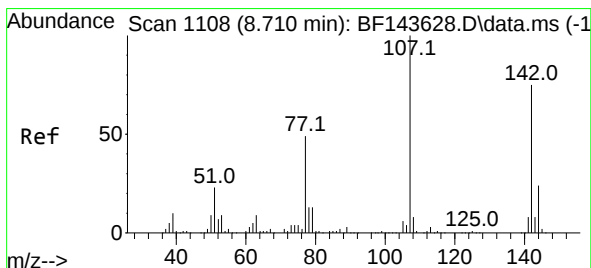
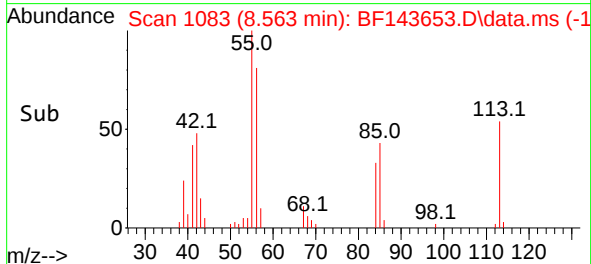
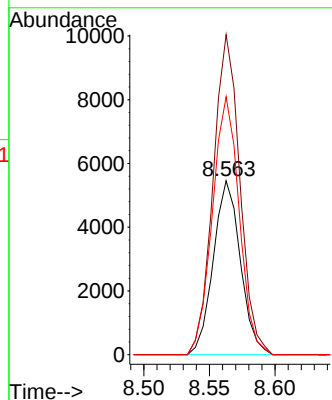
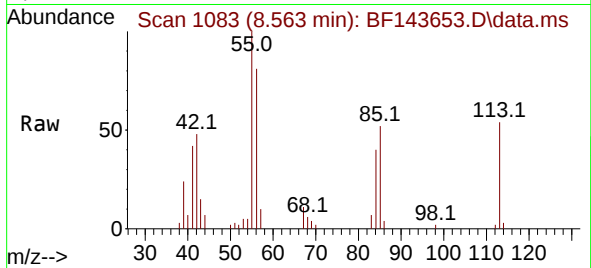




#35
 Caprolactam
 Concen: 7.917 ng
 RT: 8.563 min Scan# 1107
 Delta R.T. -0.047 min
 Lab File: BF143653.D
 Acq: 05 Sep 2025 11:22

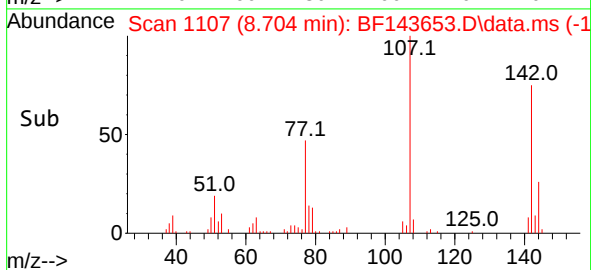
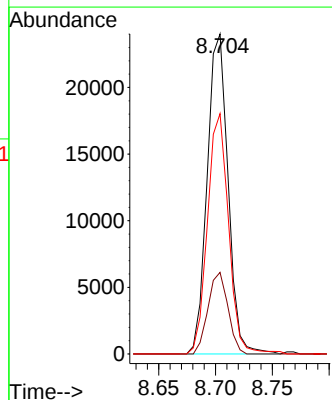
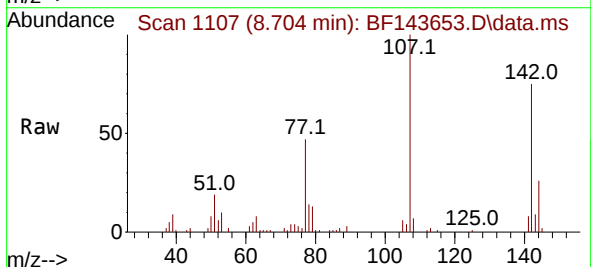
Instrument :
 BNA_F
 ClientSampleId :

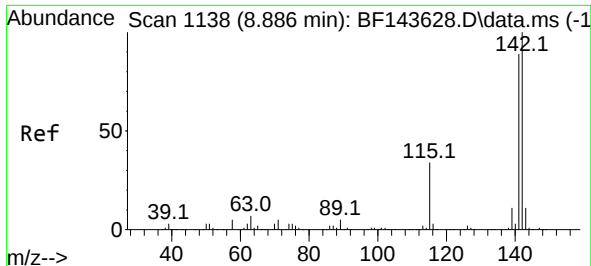
Tgt Ion:113 Resp: 7827
 Ion Ratio Lower Upper
 113 100
 55 184.0 180.5 220.5
 56 148.3 134.8 174.8



#36
 4-Chloro-3-methylphenol
 Concen: 7.947 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF143653.D
 Acq: 05 Sep 2025 11:22

Tgt Ion:107 Resp: 30700
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.0 28.6
 142 75.1 60.3 90.5

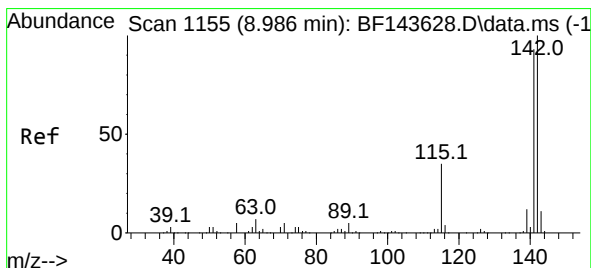
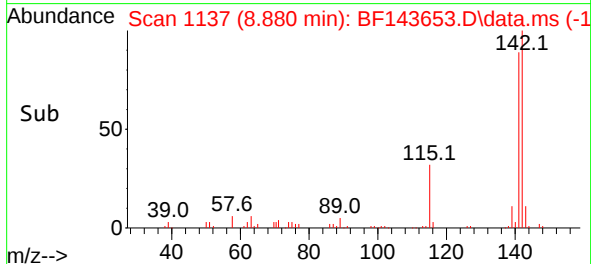
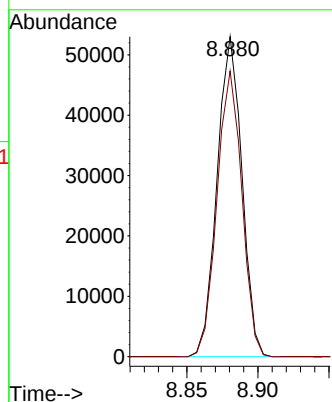
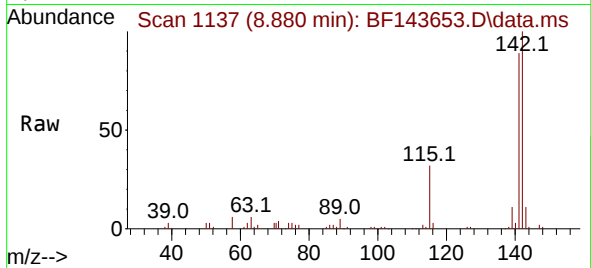




#37
2-Methylnaphthalene
Concen: 7.226 ng
RT: 8.880 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

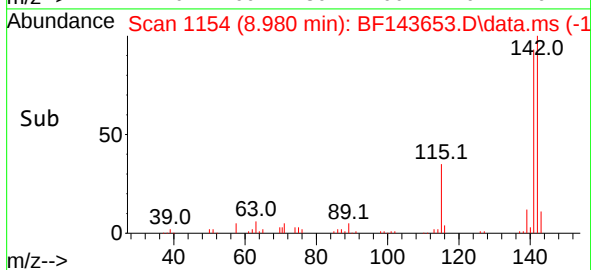
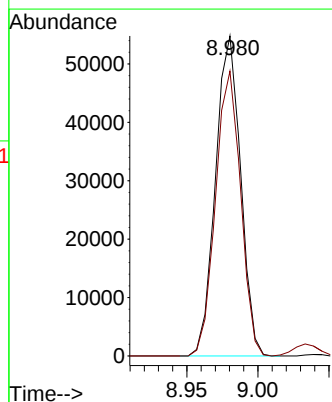
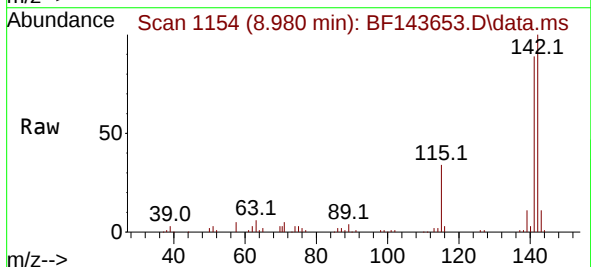
Instrument :
BNA_F
ClientSampleId :

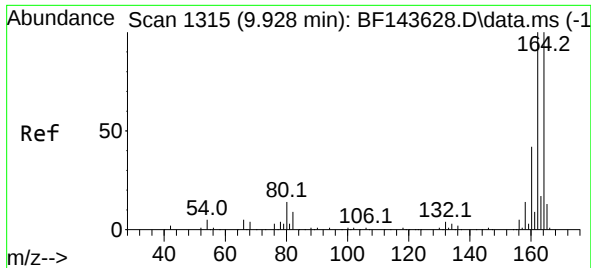
Tgt Ion:142 Resp: 64385
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2



#38
1-Methylnaphthalene
Concen: 7.913 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:142 Resp: 67413
Ion Ratio Lower Upper
142 100
141 89.0 74.5 111.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.921 min Scan# 1165

Delta R.T. -0.007 min

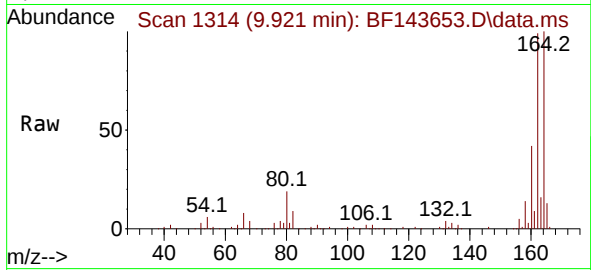
Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :



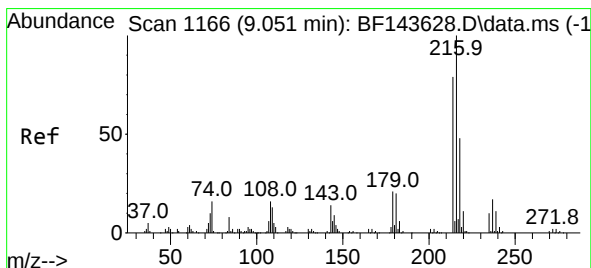
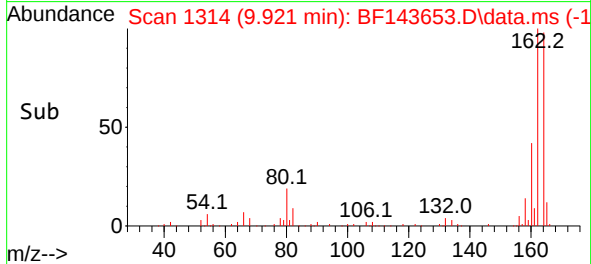
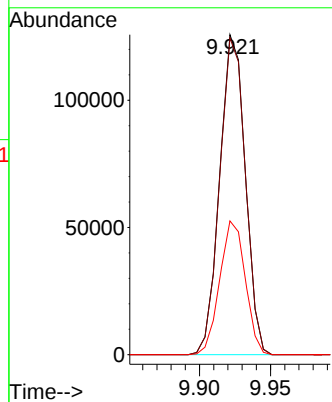
Tgt Ion:164 Resp: 157603

Ion Ratio Lower Upper

164 100

162 99.0 80.3 120.5

160 41.8 34.0 51.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.943 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Tgt Ion:216 Resp: 34595

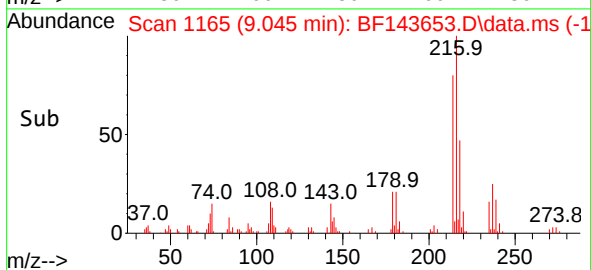
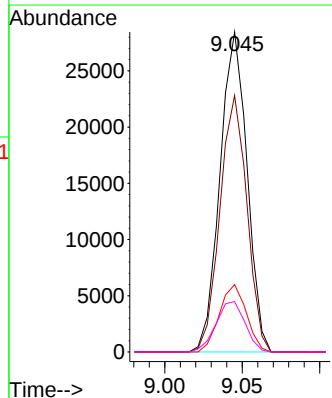
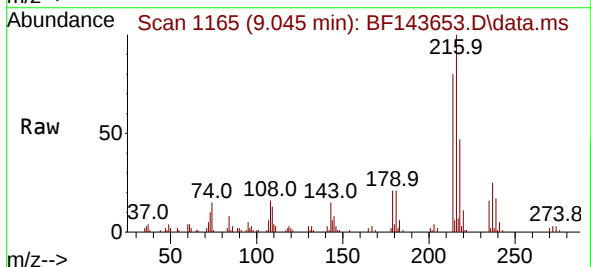
Ion Ratio Lower Upper

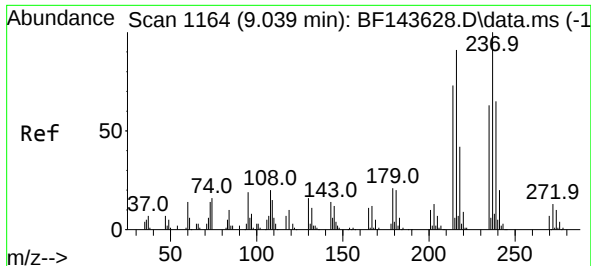
216 100

214 79.6 63.3 94.9

179 21.0 17.2 25.8

108 17.0 14.0 21.0

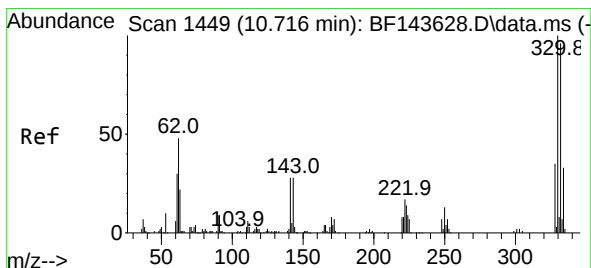
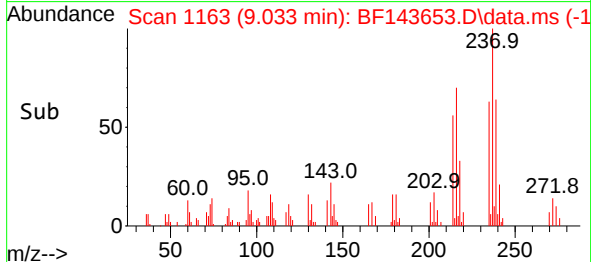
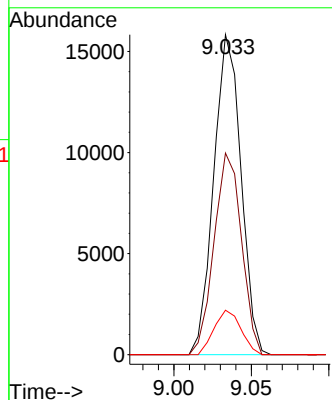
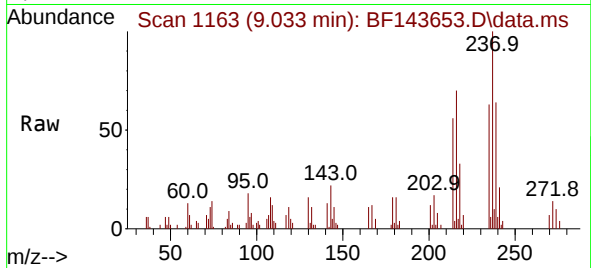




#41
Hexachlorocyclopentadiene
Concen: 9.150 ng
RT: 9.033 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

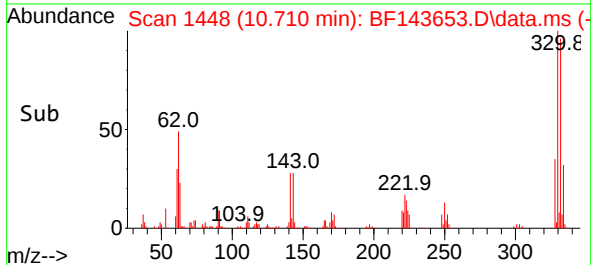
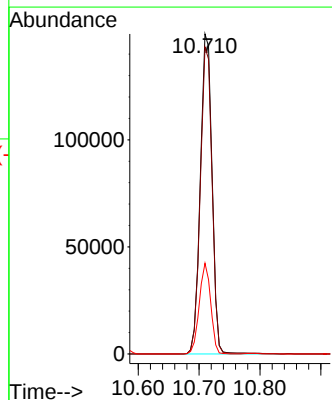
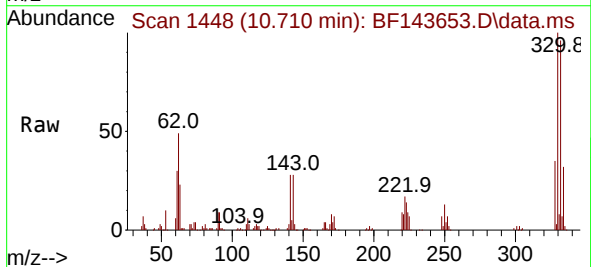
Instrument :
BNA_F
ClientSampleId :

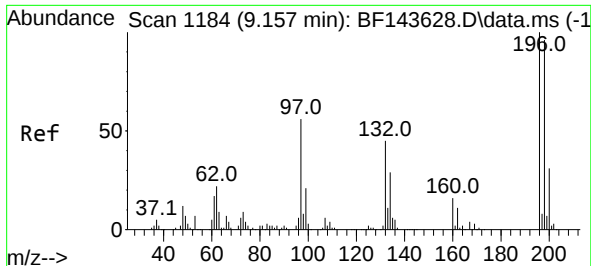
Tgt Ion:237 Resp: 19353
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 13.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 151.465 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:330 Resp: 199618
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 27.5 23.5 35.3





#43

2,4,6-Trichlorophenol

Concen: 7.986 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

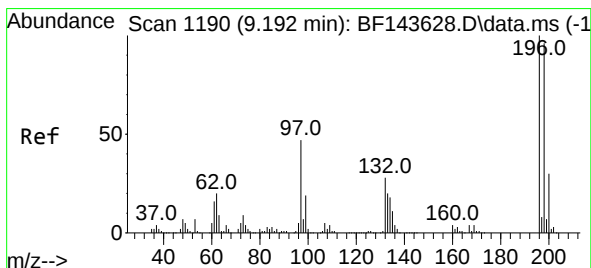
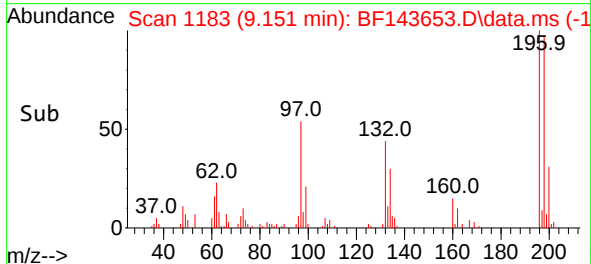
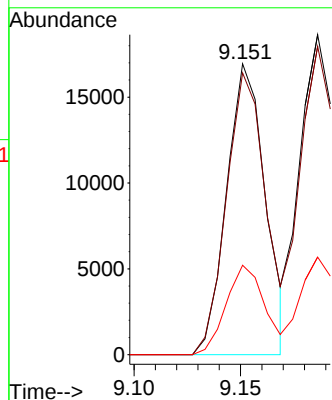
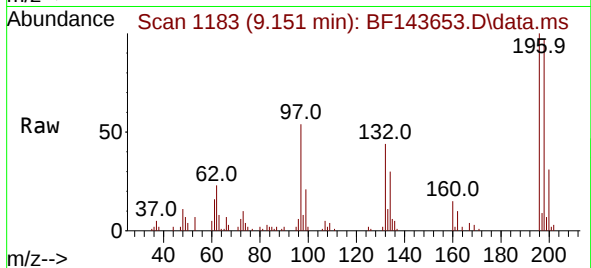
Tgt Ion:196 Resp: 21430

Ion Ratio Lower Upper

196 100

198 96.9 77.1 115.7

200 30.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 8.284 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Tgt Ion:196 Resp: 22951

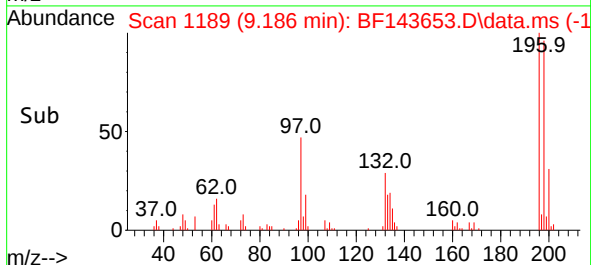
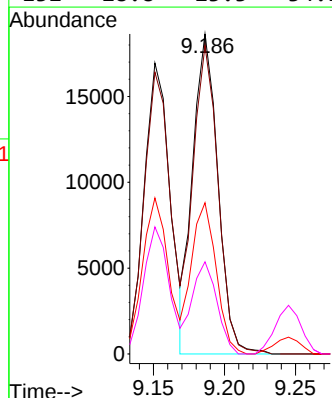
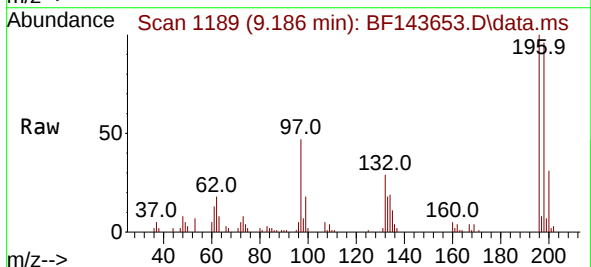
Ion Ratio Lower Upper

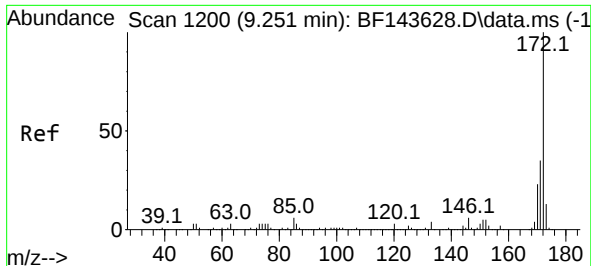
196 100

198 96.4 76.6 115.0

97 47.3 38.2 57.2

132 28.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 85.674 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

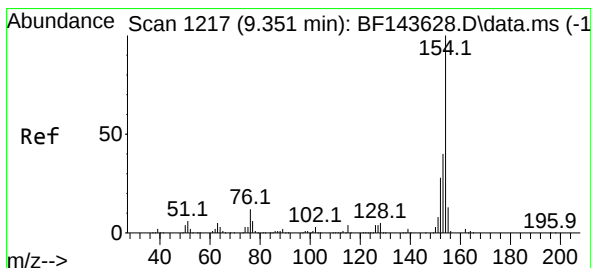
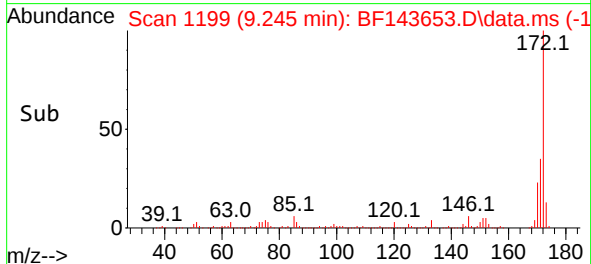
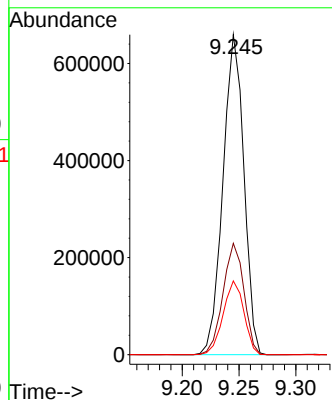
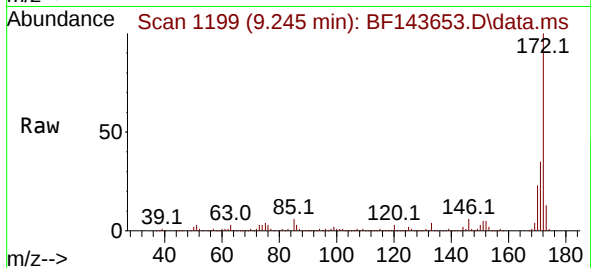
Tgt Ion:172 Resp: 845139

Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 7.983 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

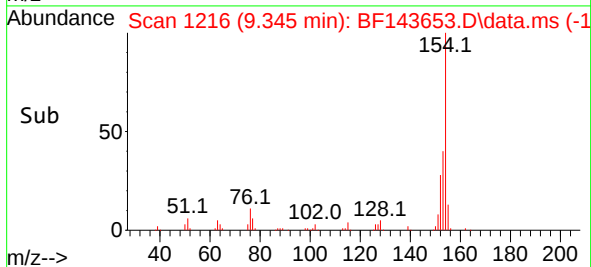
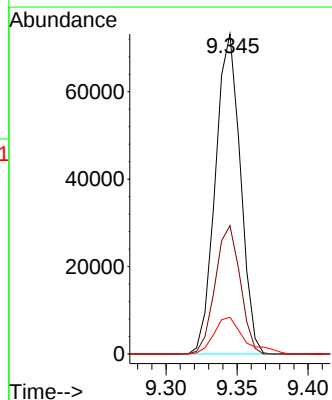
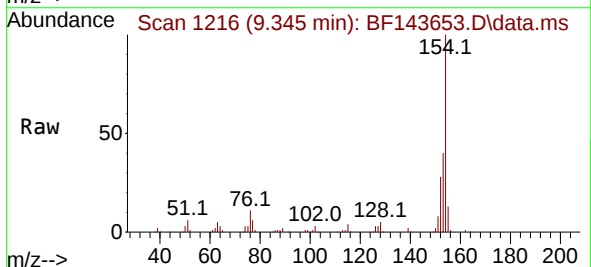
Tgt Ion:154 Resp: 89481

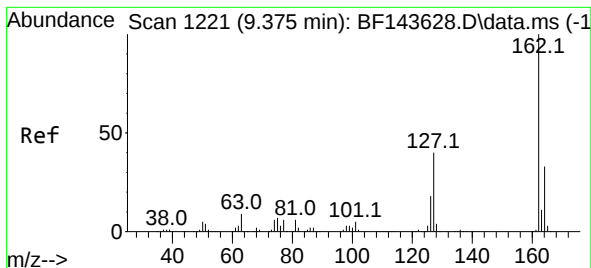
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 11.5 0.0 31.9





#47

2-Chloronaphthalene

Concen: 7.874 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

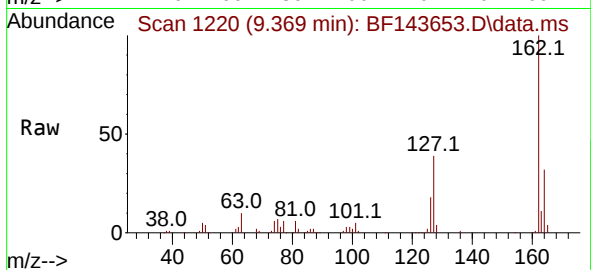
Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :



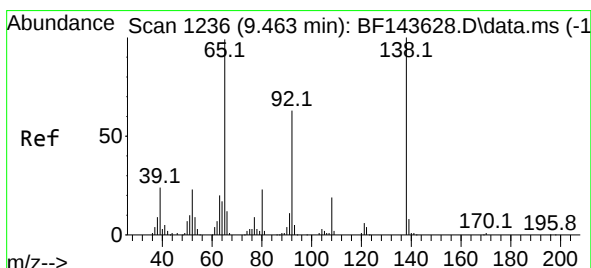
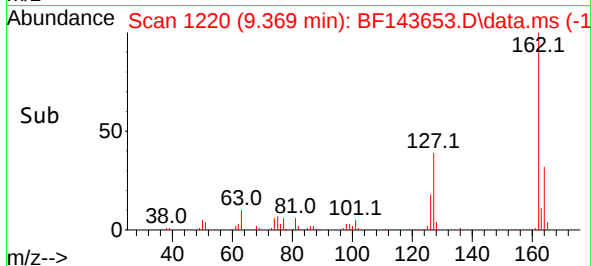
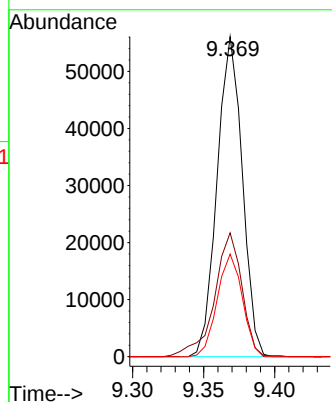
Tgt Ion:162 Resp: 69066

Ion Ratio Lower Upper

162 100

127 38.7 31.9 47.9

164 32.0 26.0 39.0



#48

2-Nitroaniline

Concen: 10.161 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

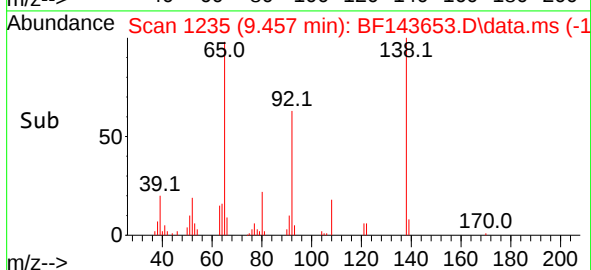
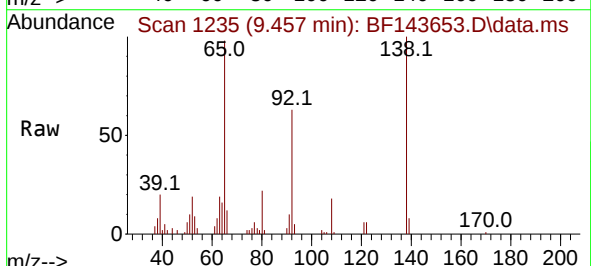
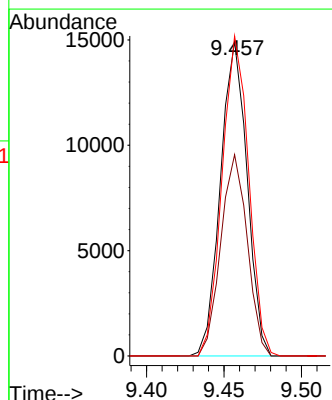
Tgt Ion: 65 Resp: 17800

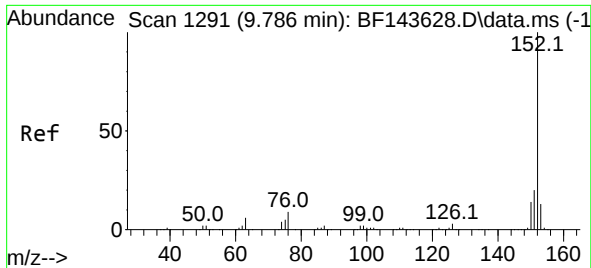
Ion Ratio Lower Upper

65 100

92 64.0 50.9 76.3

138 101.7 80.6 120.8





#49

Acenaphthylene

Concen: 8.703 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.000 min

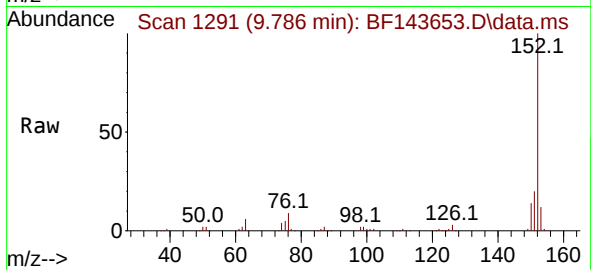
Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :



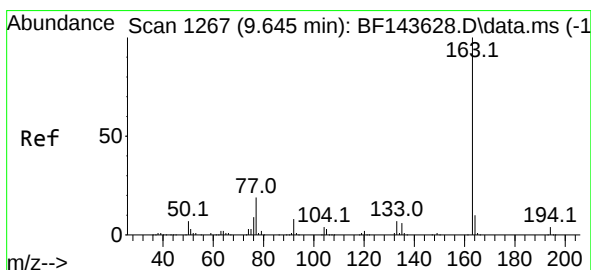
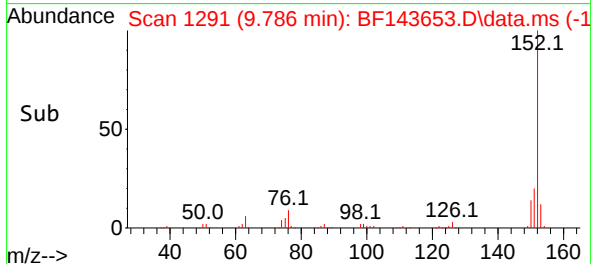
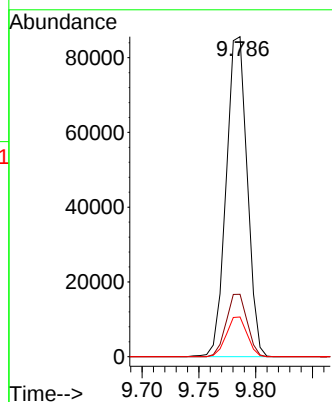
Tgt Ion:152 Resp: 110025

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

153 12.4 10.6 15.8



#50

Dimethylphthalate

Concen: 7.991 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

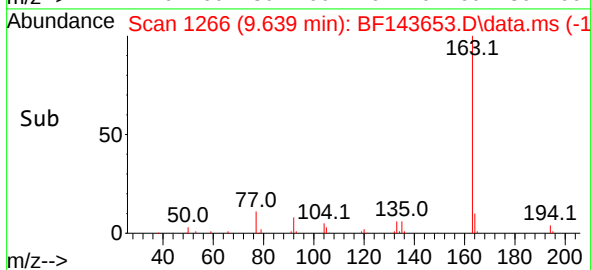
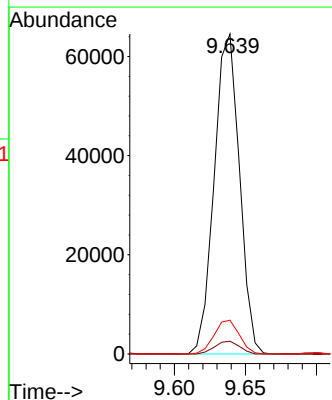
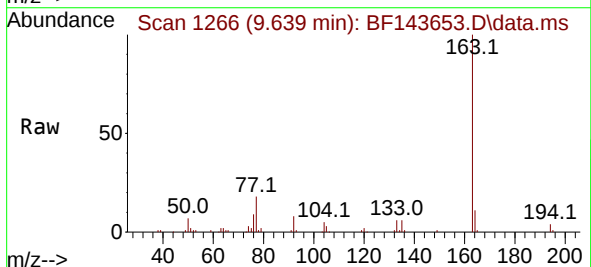
Tgt Ion:163 Resp: 79746

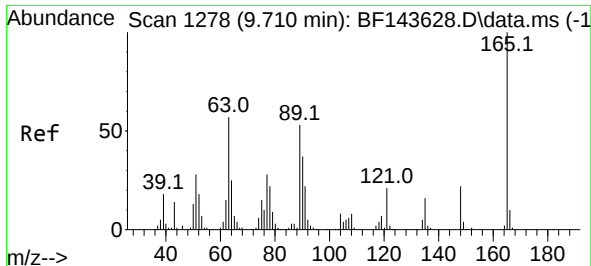
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.6 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 11.599 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

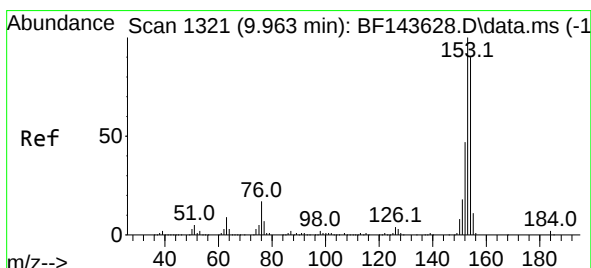
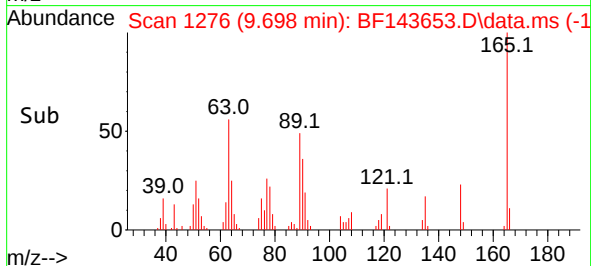
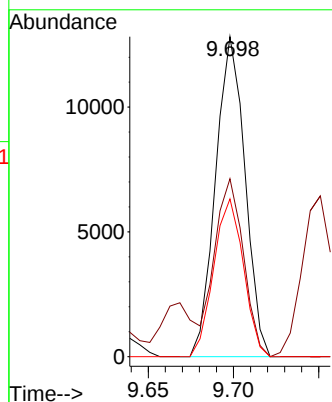
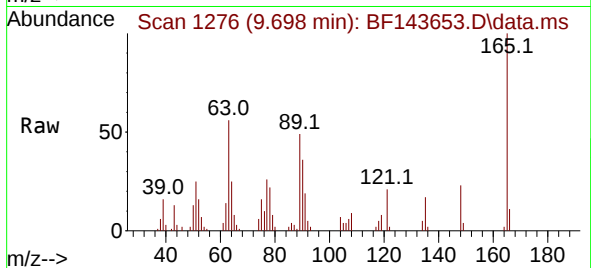
Tgt Ion:165 Resp: 15388

Ion Ratio Lower Upper

165 100

63 55.6 45.4 68.0

89 49.3 42.1 63.1



#52

Acenaphthene

Concen: 7.829 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

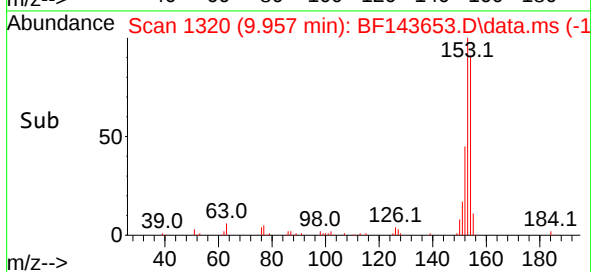
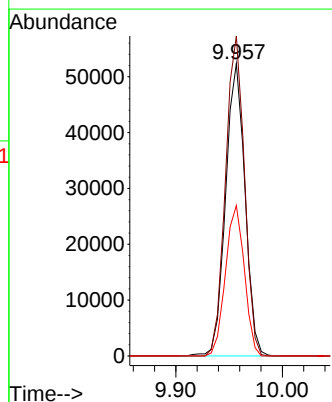
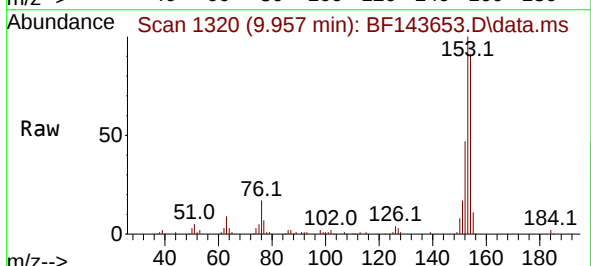
Tgt Ion:154 Resp: 66204

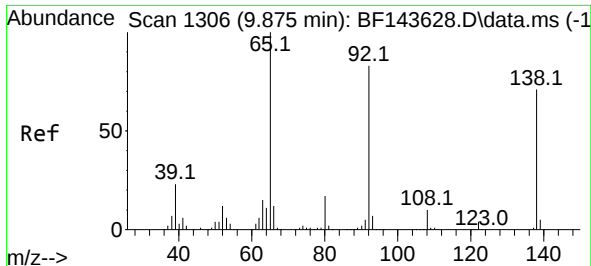
Ion Ratio Lower Upper

154 100

153 109.4 88.6 132.8

152 51.4 41.8 62.8

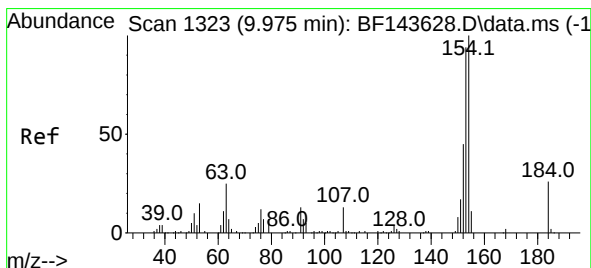
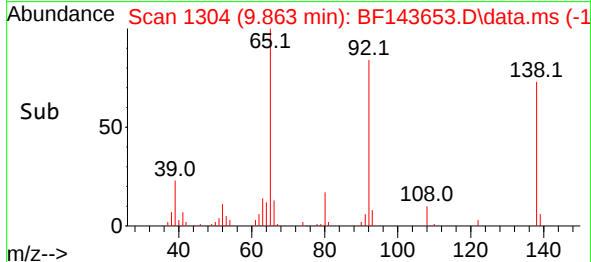
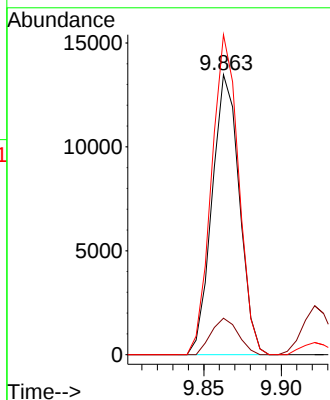
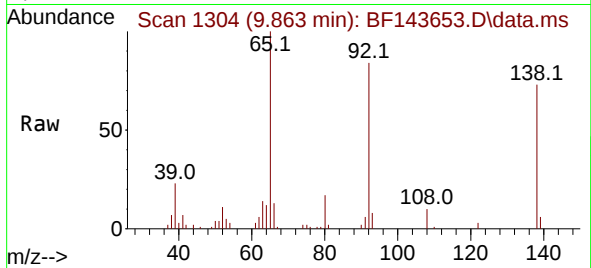




#53
3-Nitroaniline
Concen: 10.722 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

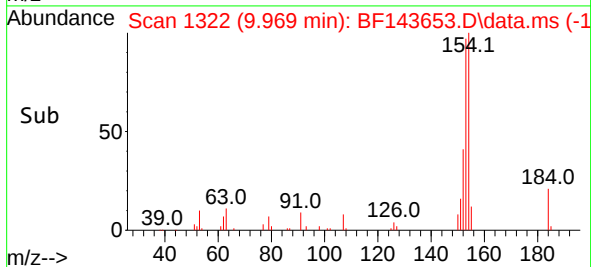
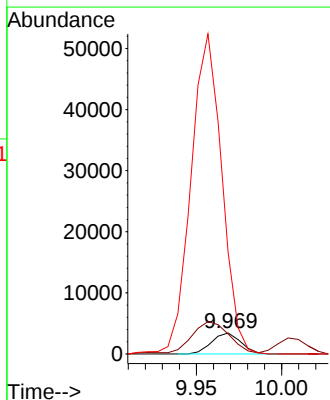
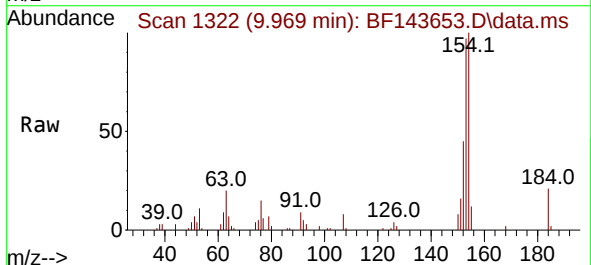
Instrument :
BNA_F
ClientSampleId :

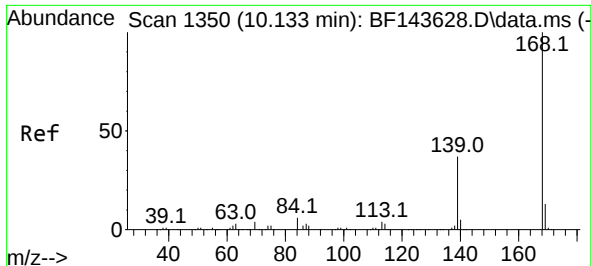
Tgt Ion:138 Resp: 16535
Ion Ratio Lower Upper
138 100
108 13.1 10.7 16.1
92 114.3 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 13.231 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

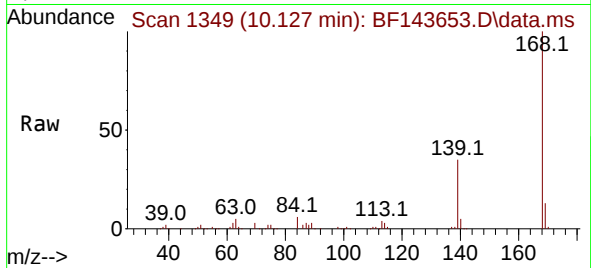
Tgt Ion:184 Resp: 4086
Ion Ratio Lower Upper
184 100
63 95.4 81.8 122.8
154 482.2 348.3 522.5



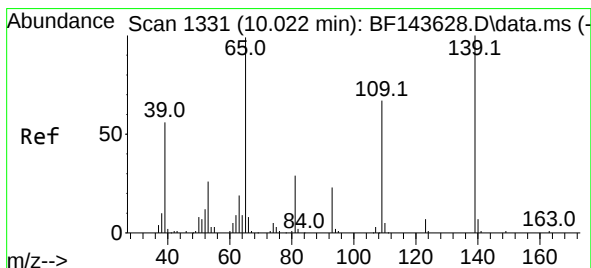
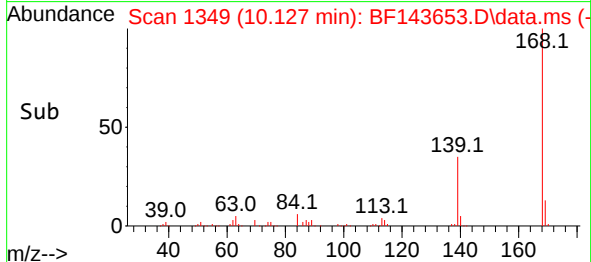
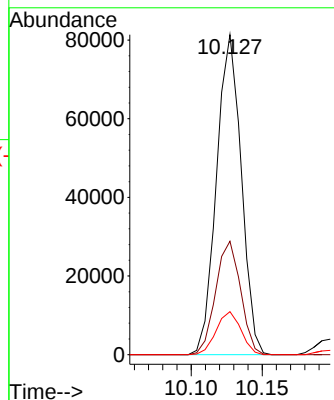


#55
Dibenzofuran
Concen: 8.014 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Instrument :
BNA_F
ClientSampleId :

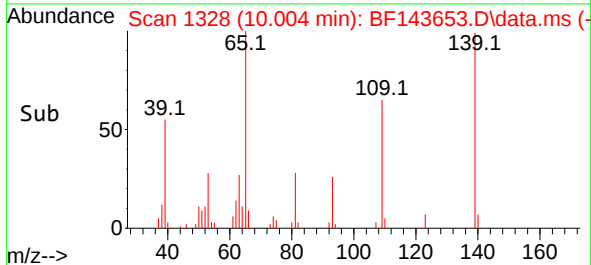
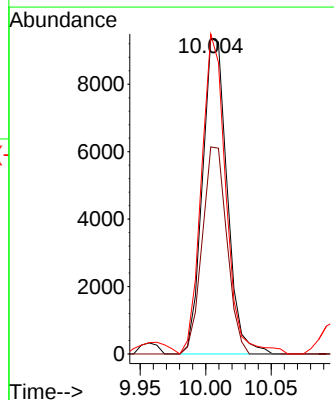
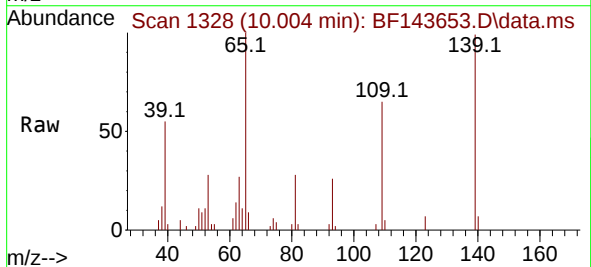


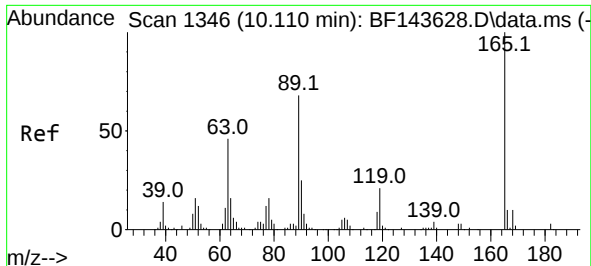
Tgt Ion:168 Resp: 98462
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.8
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 8.271 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.018 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

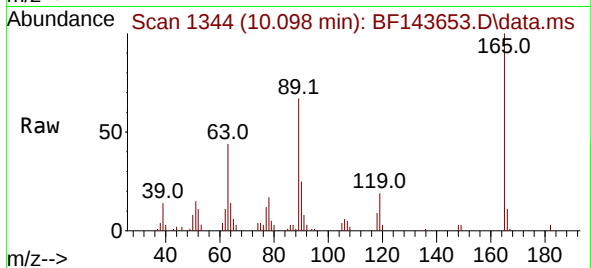
Tgt Ion:139 Resp: 12238
Ion Ratio Lower Upper
139 100
109 65.6 47.6 87.6
65 101.4 80.5 120.5



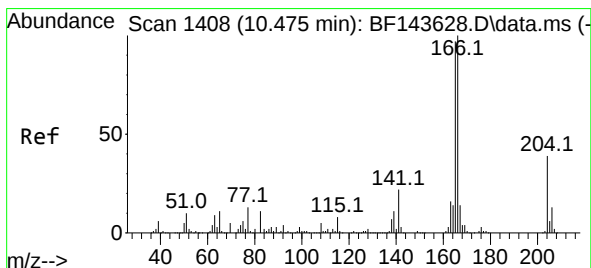
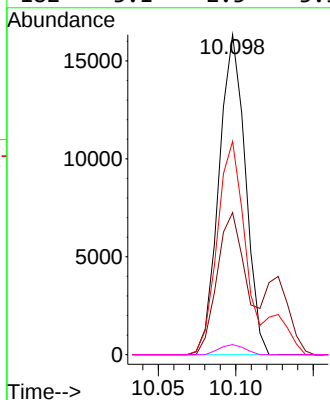
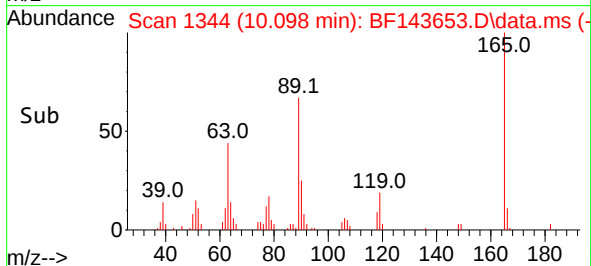


#57
2,4-Dinitrotoluene
Concen: 11.098 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

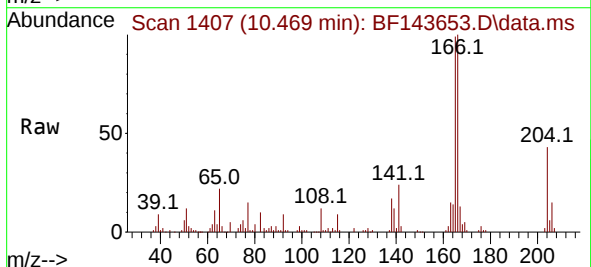
Instrument :
BNA_F
ClientSampleId :



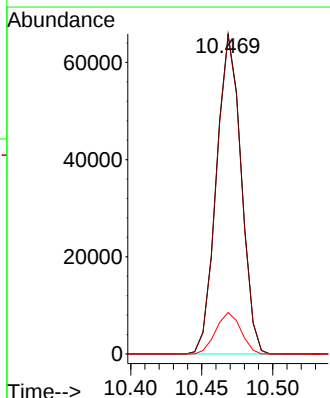
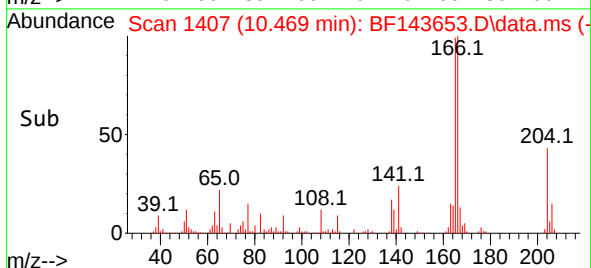
Tgt Ion:165 Resp: 19320
Ion Ratio Lower Upper
165 100
63 44.4 37.0 55.6
89 66.7 54.1 81.1
182 3.1 2.3 3.5

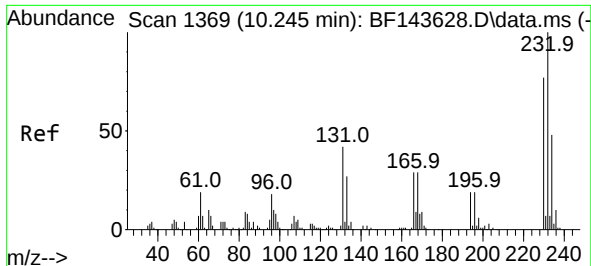


#58
Fluorene
Concen: 8.398 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22



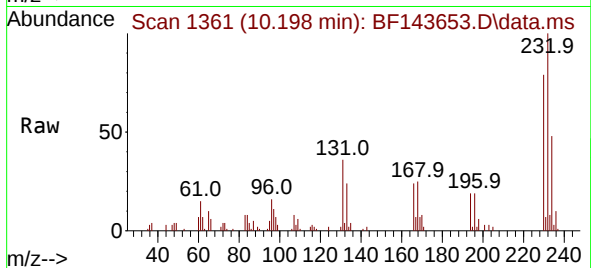
Tgt Ion:166 Resp: 79805
Ion Ratio Lower Upper
166 100
165 99.4 77.6 116.4
167 13.0 10.9 16.3



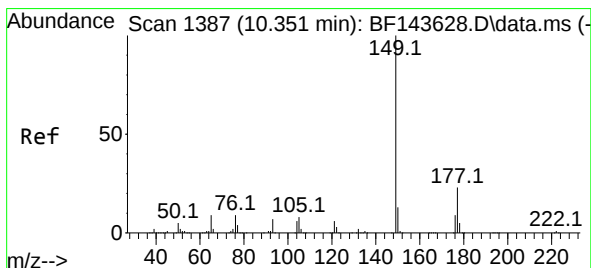
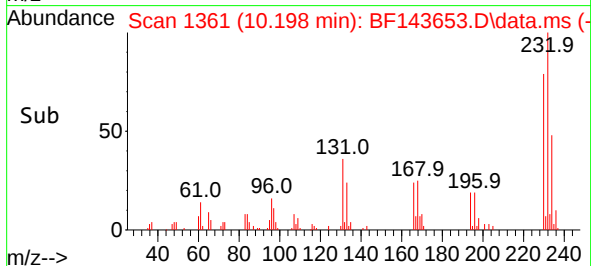
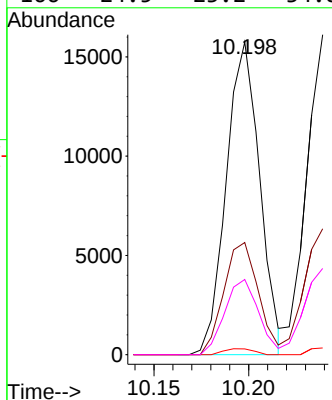


#59
2,3,4,6-Tetrachlorophenol
Concen: 9.191 ng
RT: 10.198 min Scan# 1361
Delta R.T. -0.047 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Instrument :
BNA_F
ClientSampleId :

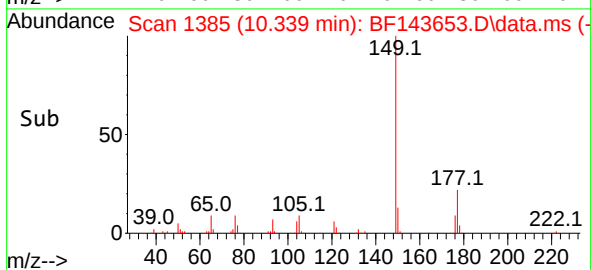
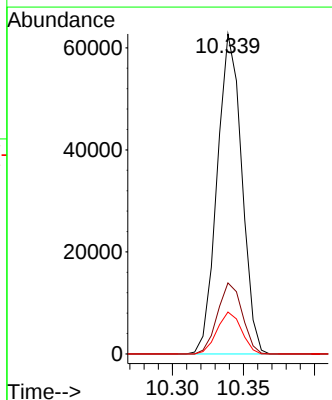
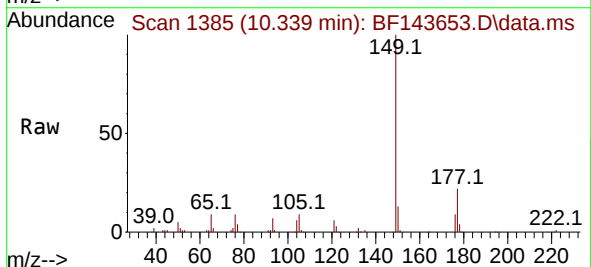


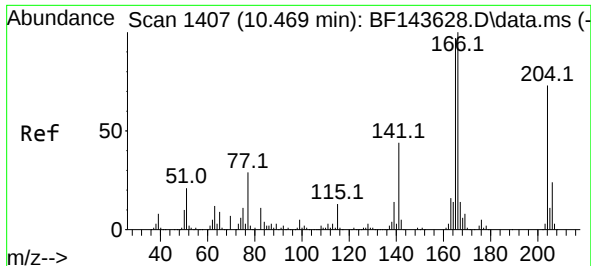
Tgt Ion:232 Resp: 19337
Ion Ratio Lower Upper
232 100
131 37.2 33.7 50.5
130 1.7 1.5 2.3
166 24.5 23.2 34.8



#60
Diethylphthalate
Concen: 7.977 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:149 Resp: 75579
Ion Ratio Lower Upper
149 100
177 22.2 18.6 28.0
150 13.1 10.3 15.5

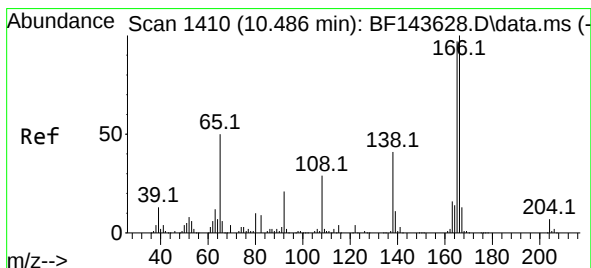
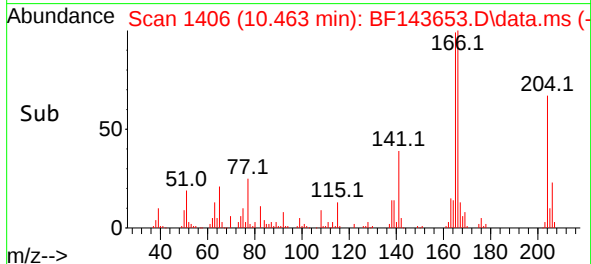
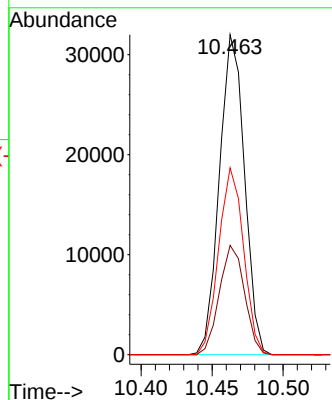
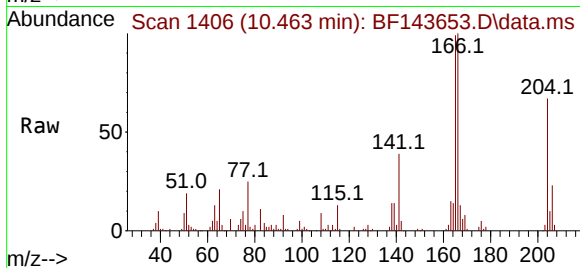




#61
4-Chlorophenyl-phenylether
Concen: 8.291 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

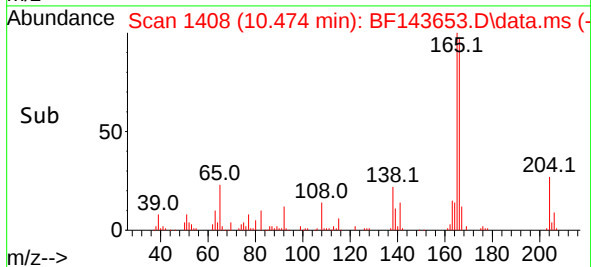
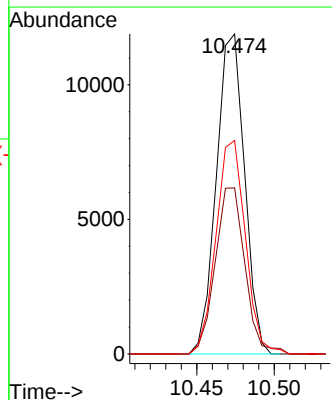
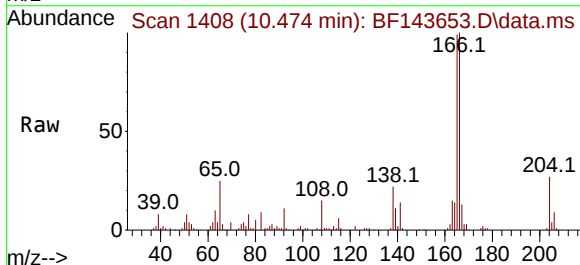
Instrument :
BNA_F
ClientSampleId :

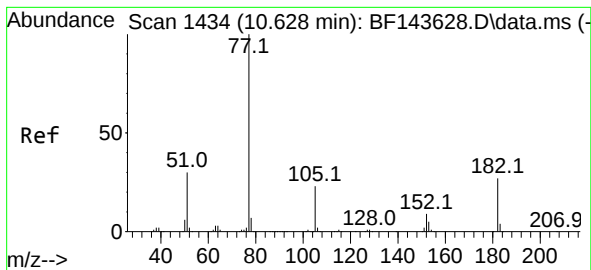
Tgt Ion:204 Resp: 39315
Ion Ratio Lower Upper
204 100
206 34.2 26.6 40.0
141 58.4 47.8 71.6



#62
4-Nitroaniline
Concen: 10.045 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:138 Resp: 15063
Ion Ratio Lower Upper
138 100
92 51.9 30.5 70.5
108 66.8 49.1 89.1





#63

Azobenzene

Concen: 7.601 ng

RT: 10.621 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 67879

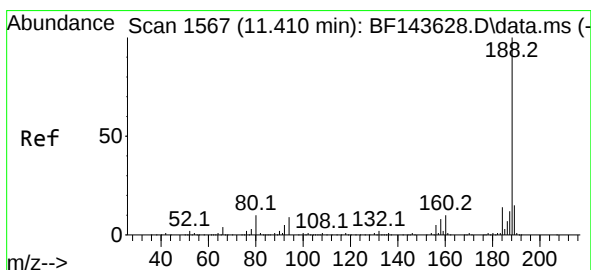
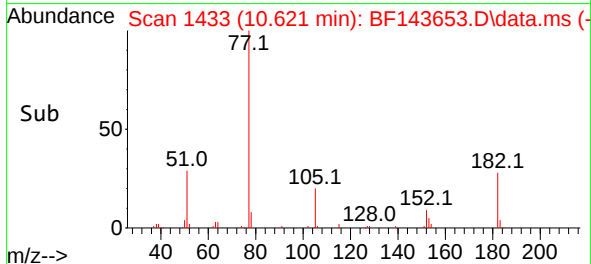
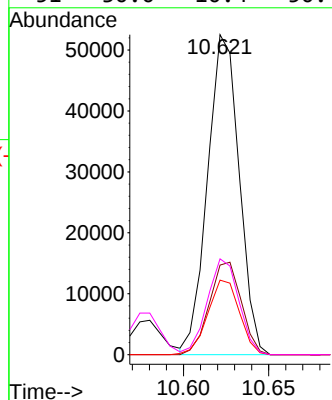
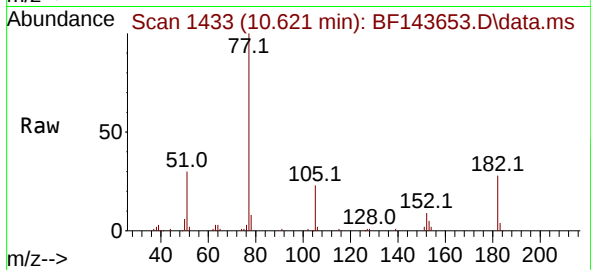
Ion Ratio Lower Upper

77 100

182 28.0 6.8 46.8

105 23.3 2.8 42.8

51 30.0 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

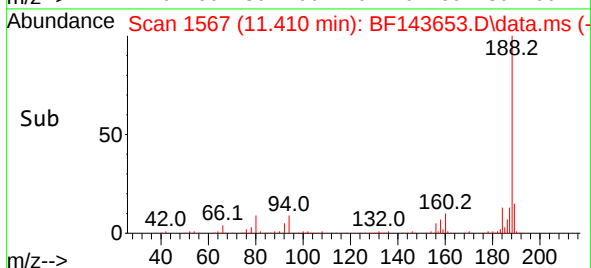
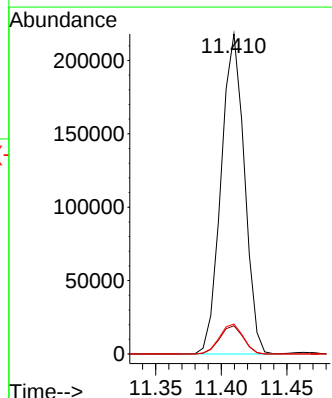
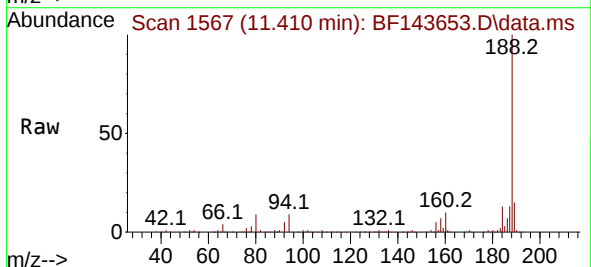
Tgt Ion: 188 Resp: 269385

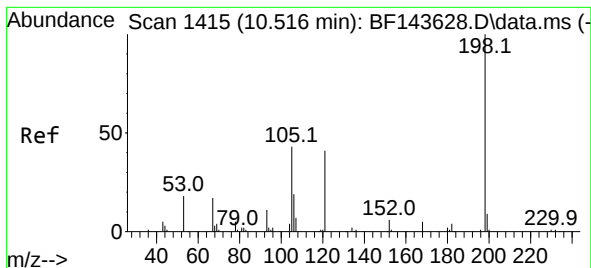
Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.3 8.4 12.6

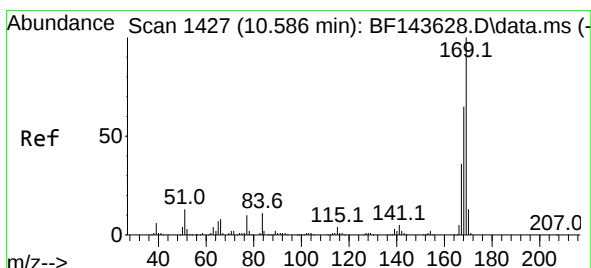
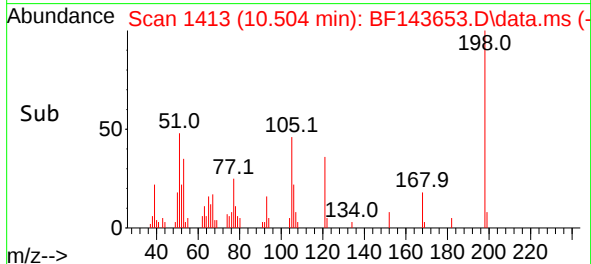
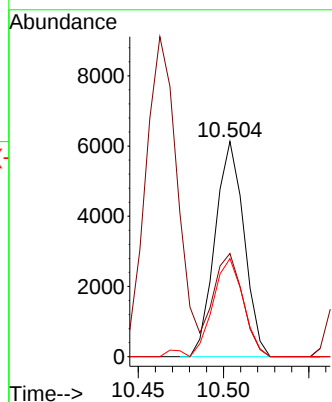
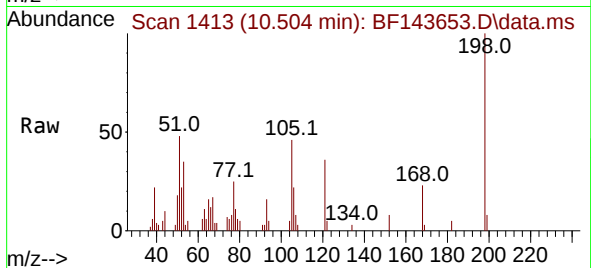




#65
4,6-Dinitro-2-methylphenol
Concen: 13.750 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

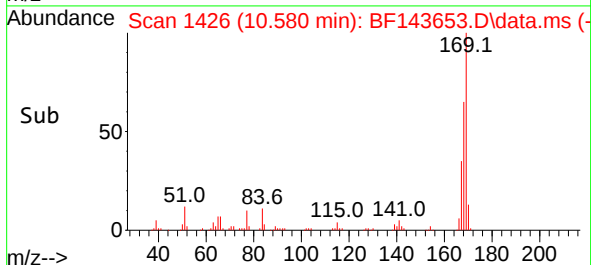
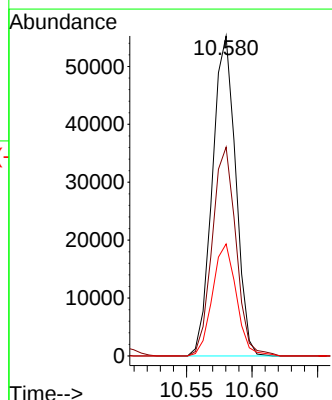
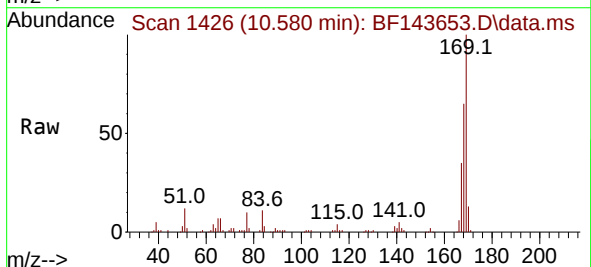
Instrument :
BNA_F
ClientSampleId :

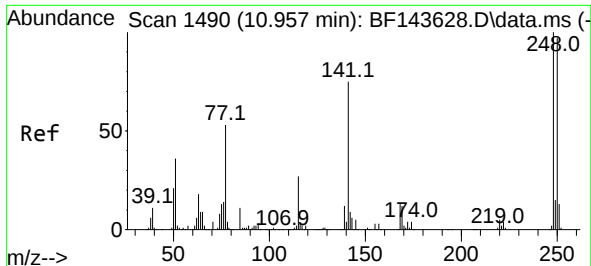
Tgt Ion:198 Resp: 7244
Ion Ratio Lower Upper
198 100
51 48.0 30.7 70.7
105 45.5 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 7.853 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:169 Resp: 68281
Ion Ratio Lower Upper
169 100
168 65.2 52.2 78.4
167 35.0 28.5 42.7

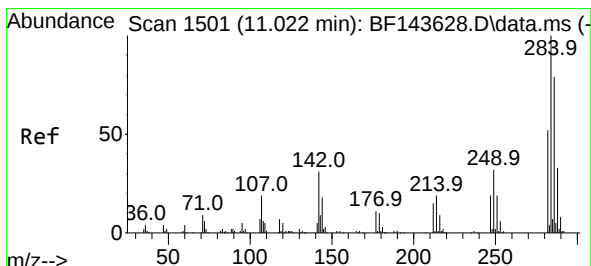
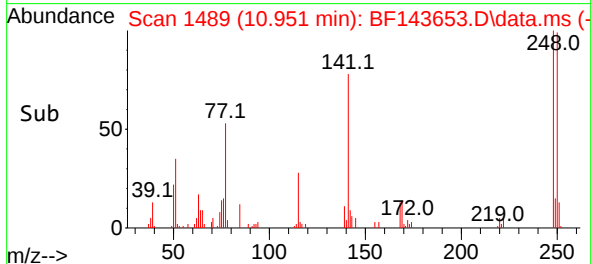
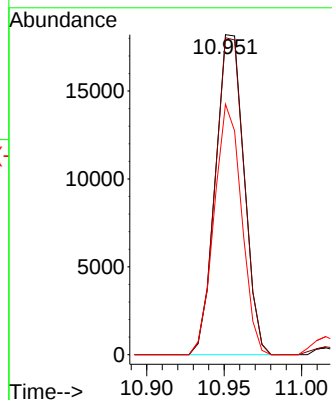
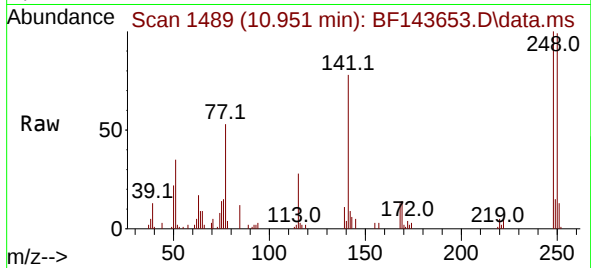




#67
4-Bromophenyl-phenylether
Concen: 7.513 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

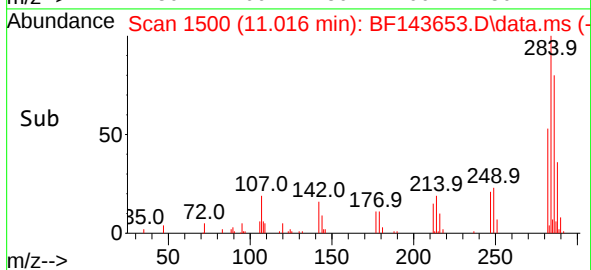
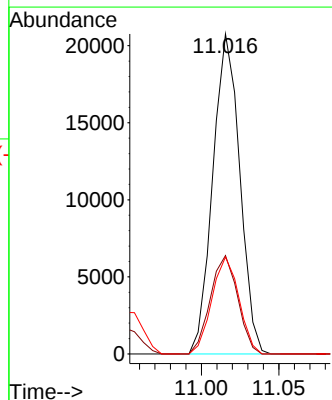
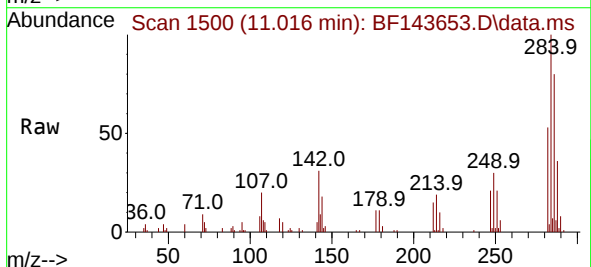
Instrument :
BNA_F
ClientSampleId :

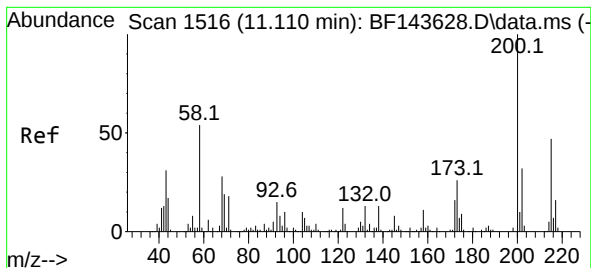
Tgt Ion:248 Resp: 23474
Ion Ratio Lower Upper
248 100
250 99.0 77.6 116.4
141 78.3 60.1 90.1



#68
Hexachlorobenzene
Concen: 7.644 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:284 Resp: 25086
Ion Ratio Lower Upper
284 100
142 30.7 24.7 37.1
249 30.3 25.4 38.2





#69

Atrazine

Concen: 8.169 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

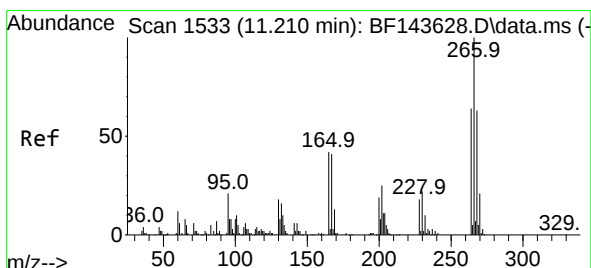
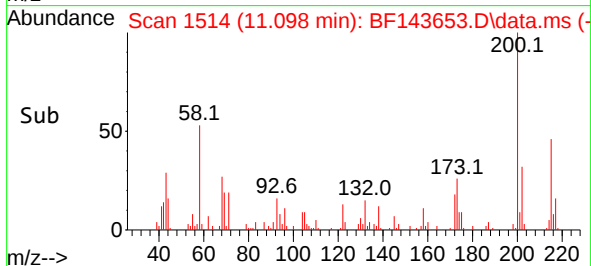
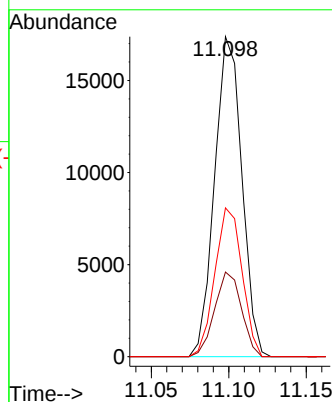
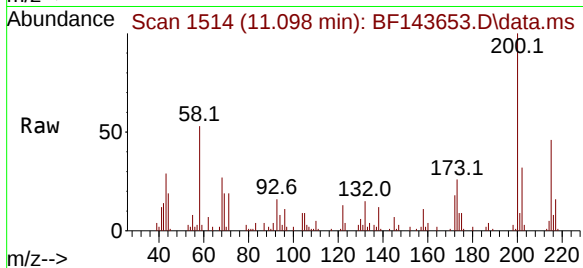
Tgt Ion:200 Resp: 21235

Ion Ratio Lower Upper

200 100

173 26.4 6.4 46.4

215 46.5 26.9 66.9



#70

Pentachlorophenol

Concen: 7.660 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

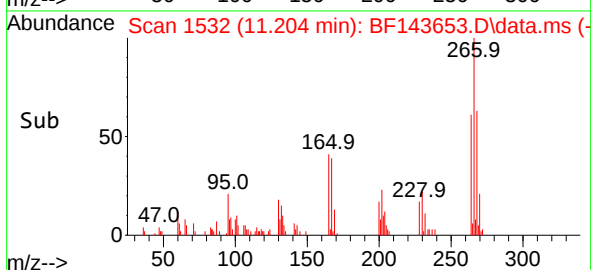
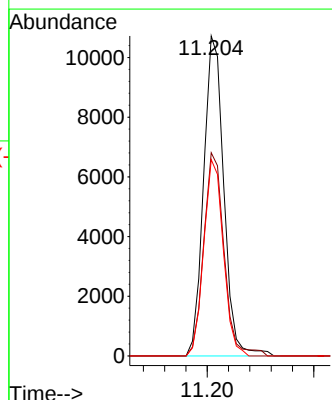
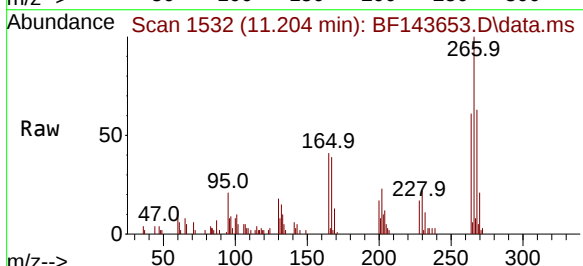
Tgt Ion:266 Resp: 14121

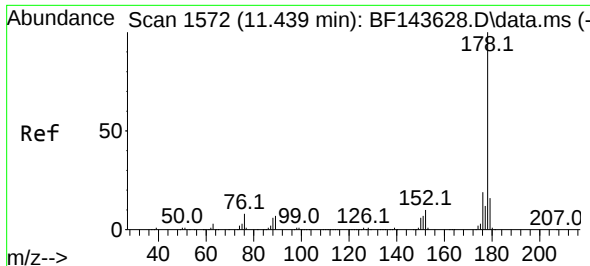
Ion Ratio Lower Upper

266 100

268 63.5 50.6 76.0

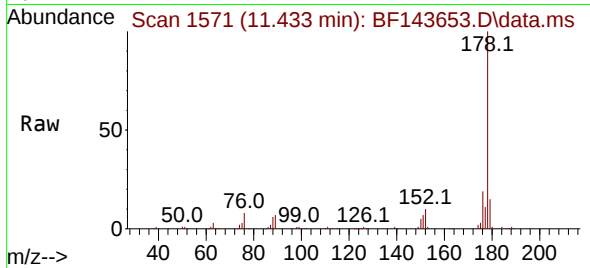
264 61.4 51.2 76.8



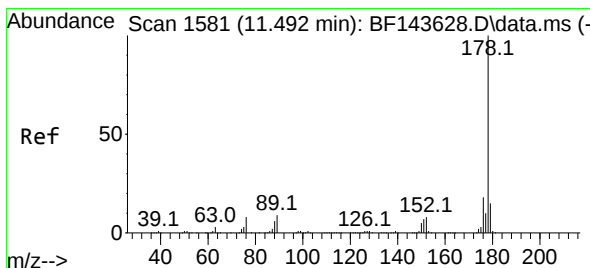
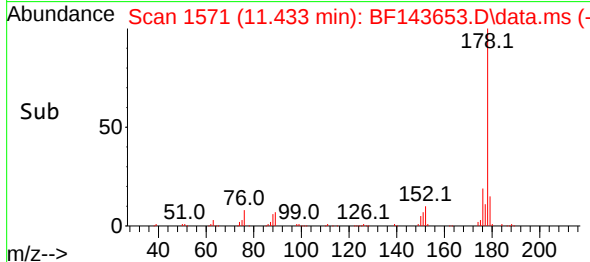
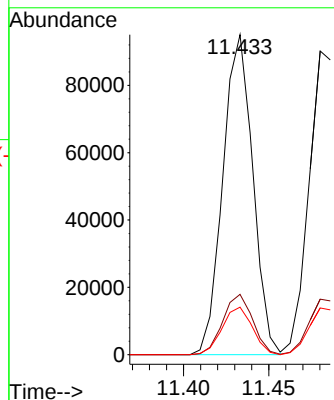


#71
Phenanthrene
Concen: 7.974 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Instrument :
BNA_F
ClientSampleId :

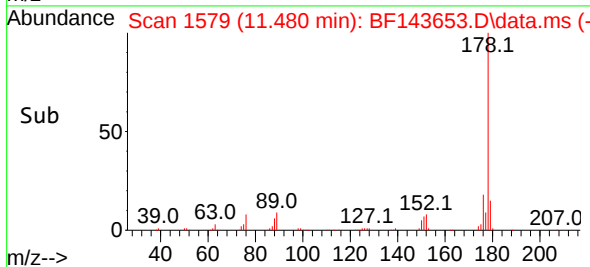
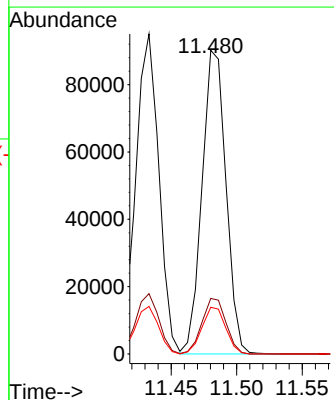
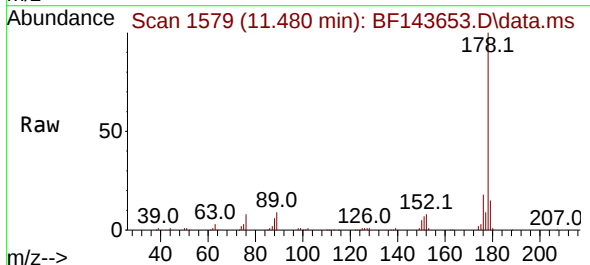


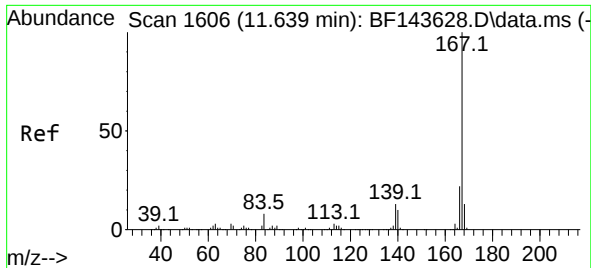
Tgt Ion:178 Resp: 116156
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 14.9 12.4 18.6



#72
Anthracene
Concen: 7.857 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

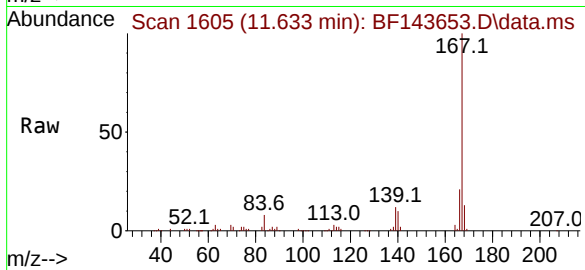
Tgt Ion:178 Resp: 114782
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.4 12.3 18.5



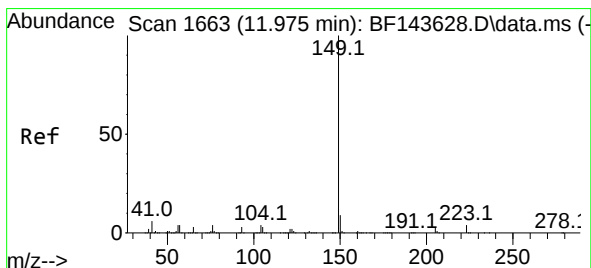
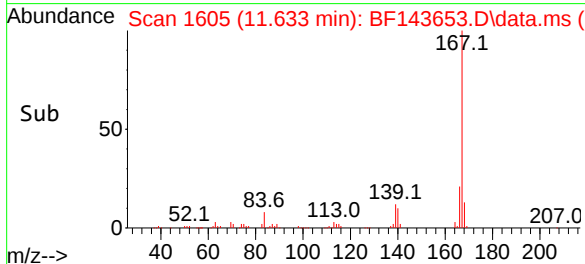
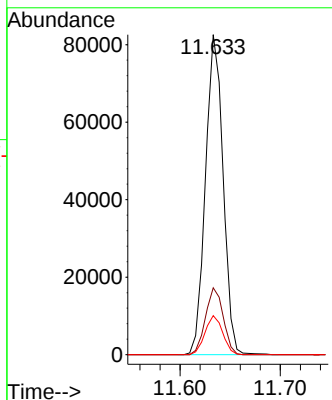


#73
 Carbazole
 Concen: 8.209 ng
 RT: 11.633 min Scan# 1605
 Delta R.T. -0.006 min
 Lab File: BF143653.D
 Acq: 05 Sep 2025 11:22

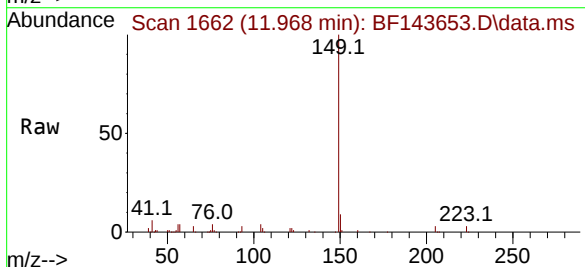
Instrument :
 BNA_F
 ClientSampleId :



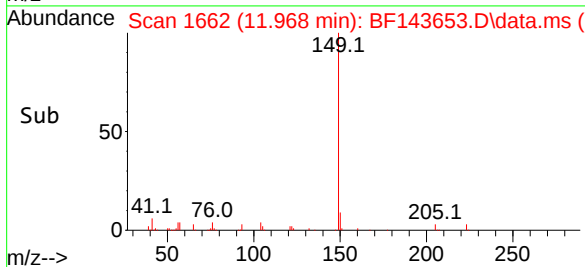
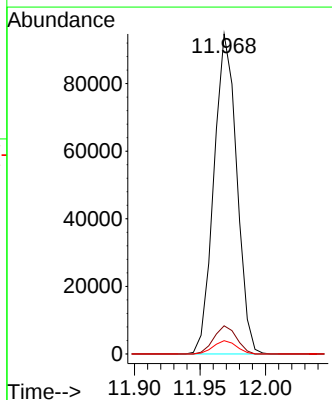
Tgt Ion:167 Resp: 101081
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.3 25.9
 139 12.2 10.3 15.5

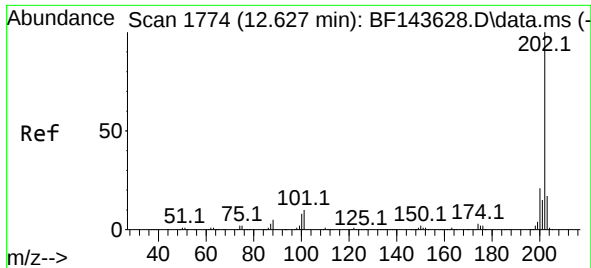


#74
 Di-n-butylphthalate
 Concen: 8.302 ng
 RT: 11.968 min Scan# 1662
 Delta R.T. -0.006 min
 Lab File: BF143653.D
 Acq: 05 Sep 2025 11:22



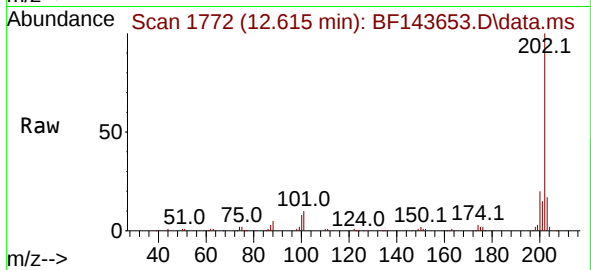
Tgt Ion:149 Resp: 114790
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 4.2 3.5 5.3



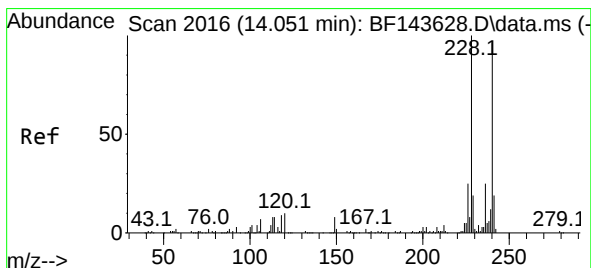
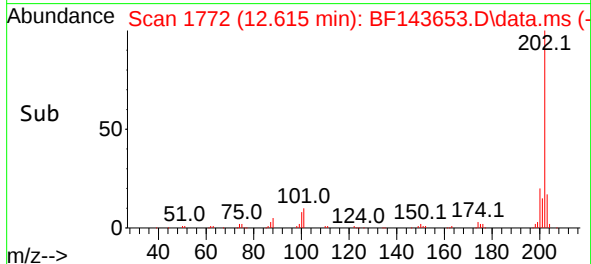
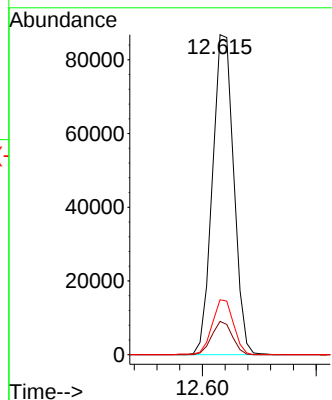


#75
Fluoranthene
Concen: 8.457 ng
RT: 12.615 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Instrument :
BNA_F
ClientSampleId :

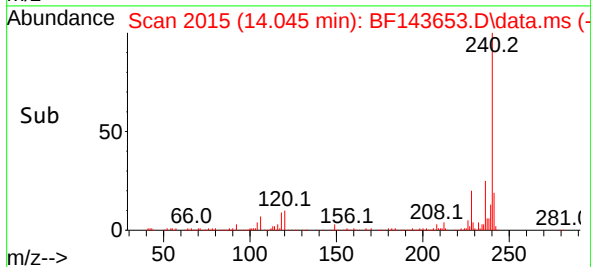
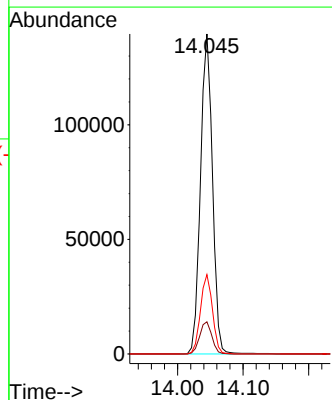
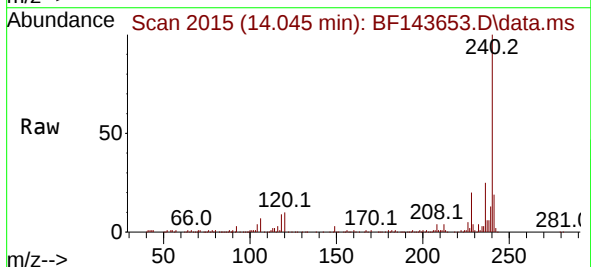


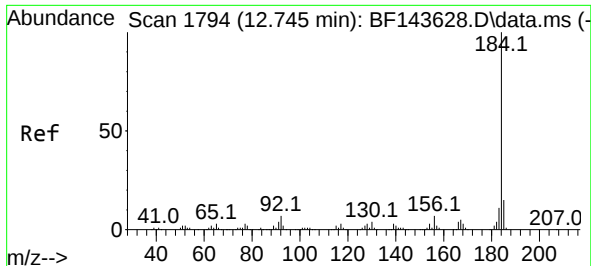
Tgt Ion:202 Resp: 113144
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.3
203 17.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

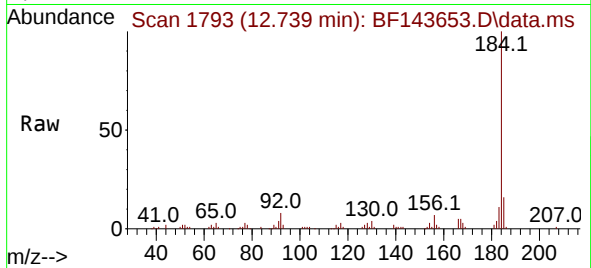
Tgt Ion:240 Resp: 177434
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 24.8 20.5 30.7



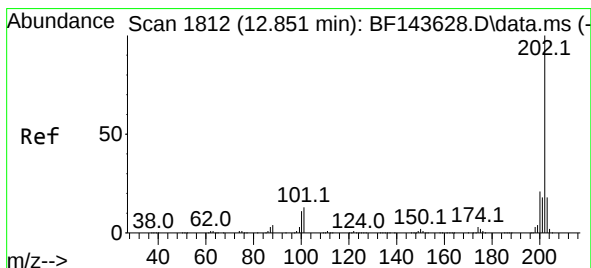
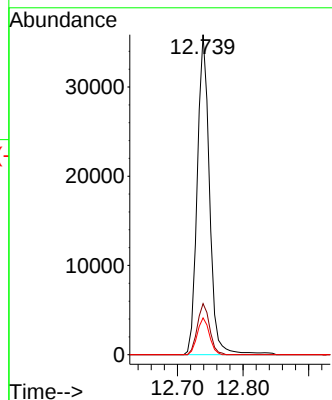
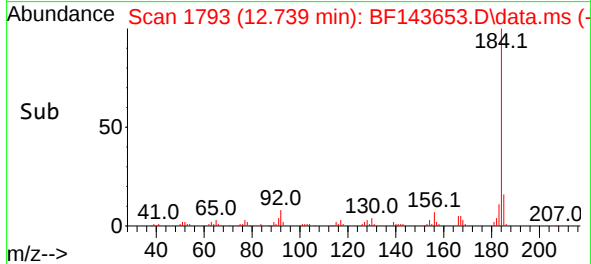


#77
Benzidine
Concen: 11.499 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

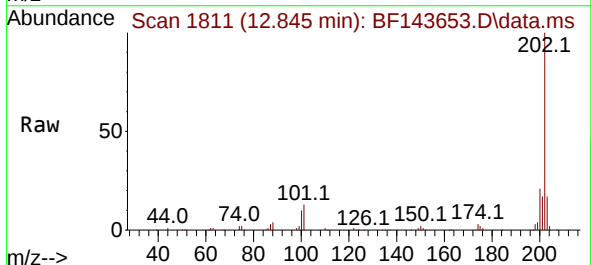
Instrument :
BNA_F
ClientSampleId :



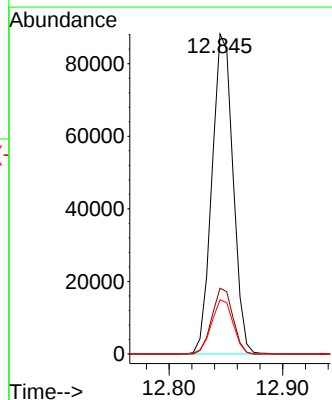
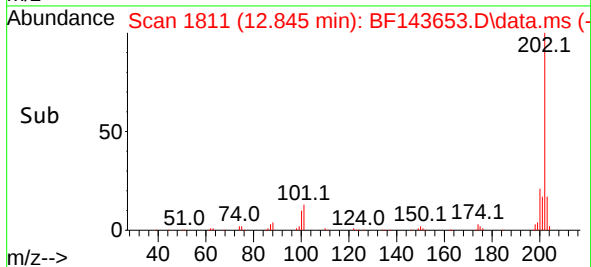
Tgt Ion:184 Resp: 46679
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.6
183 11.5 9.0 13.6

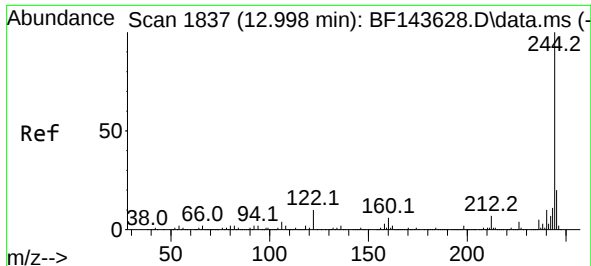


#78
Pyrene
Concen: 7.755 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22



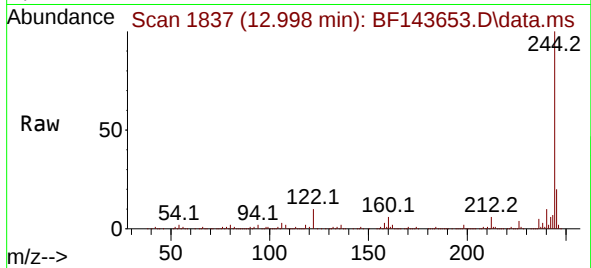
Tgt Ion:202 Resp: 113548
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 16.9 14.0 21.0



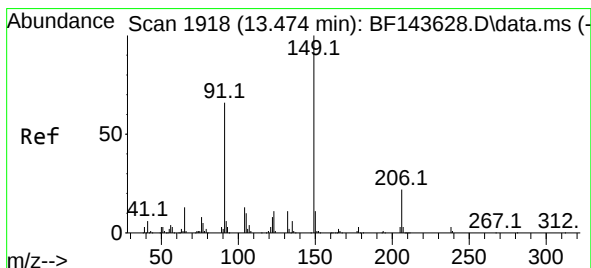
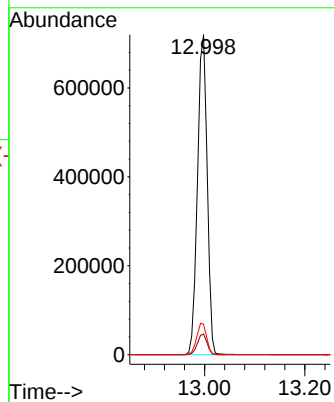
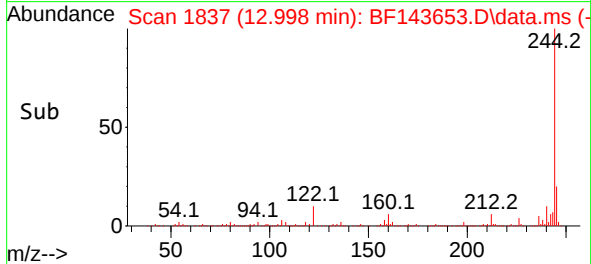


#79
 Terphenyl-d14
 Concen: 90.507 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF143653.D
 Acq: 05 Sep 2025 11:22

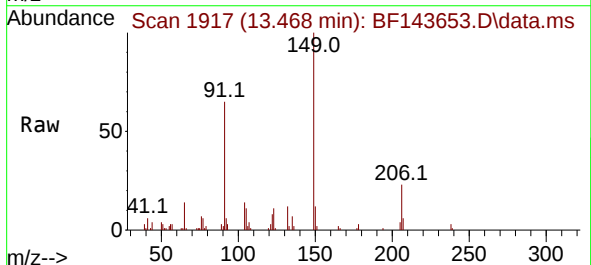
Instrument :
 BNA_F
 ClientSampleId :



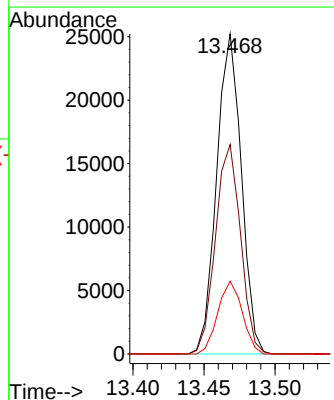
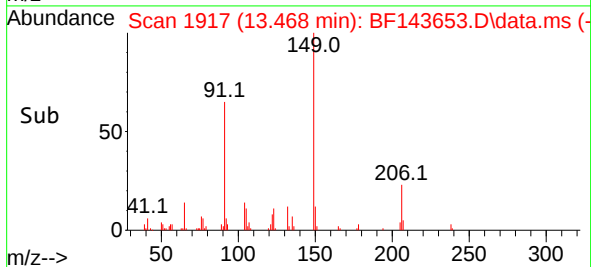
Tgt Ion:244 Resp: 963802
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 9.6 8.3 12.5

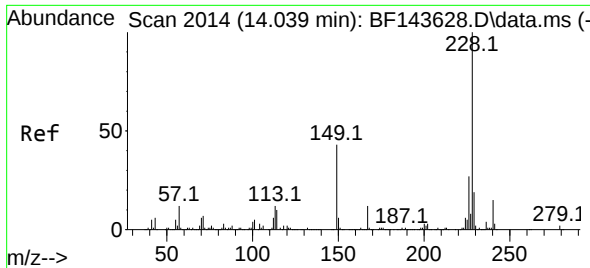


#80
 Butylbenzylphthalate
 Concen: 9.384 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF143653.D
 Acq: 05 Sep 2025 11:22



Tgt Ion:149 Resp: 30479
 Ion Ratio Lower Upper
 149 100
 91 65.5 53.0 79.4
 206 22.8 17.4 26.2

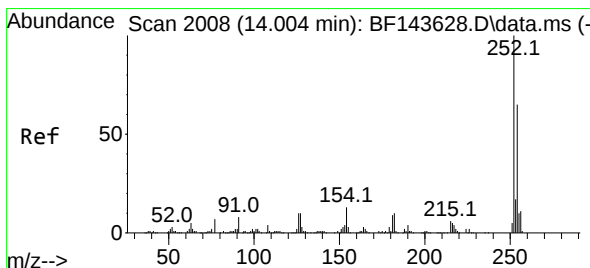
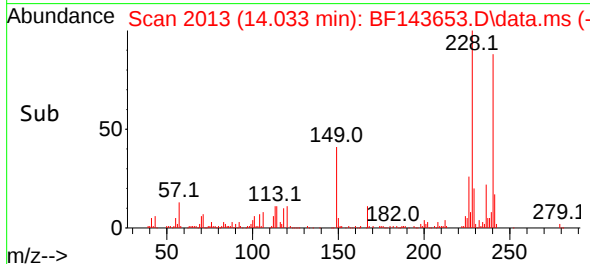
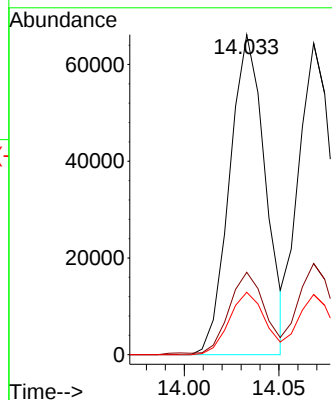
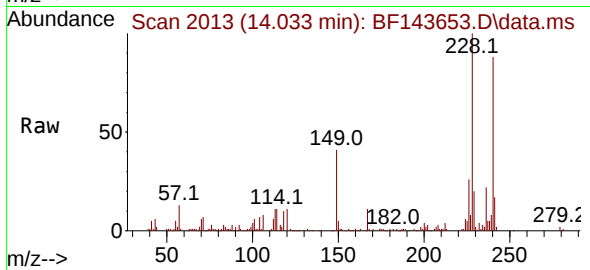




#81
Benzo(a)anthracene
Concen: 7.568 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

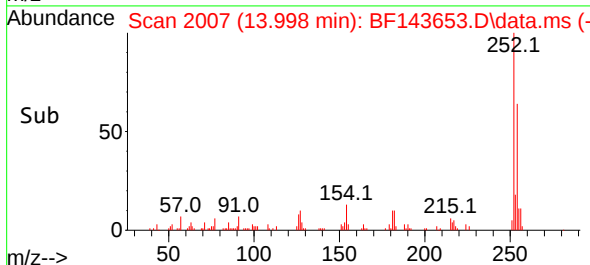
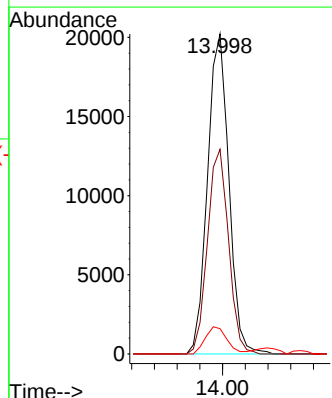
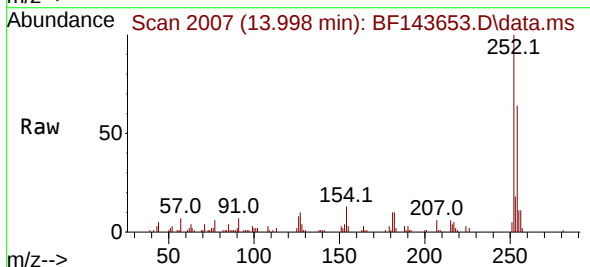
Instrument :
BNA_F
ClientSampleId :

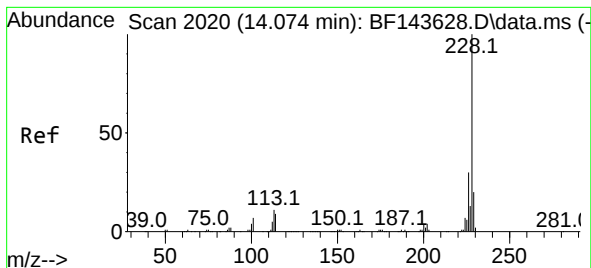
Tgt Ion:228 Resp: 86974
Ion Ratio Lower Upper
228 100
226 25.8 21.4 32.2
229 19.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 8.413 ng
RT: 13.998 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:252 Resp: 26358
Ion Ratio Lower Upper
252 100
254 64.0 52.2 78.2
126 7.9 8.1 12.1#





#83

Chrysene

Concen: 7.779 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

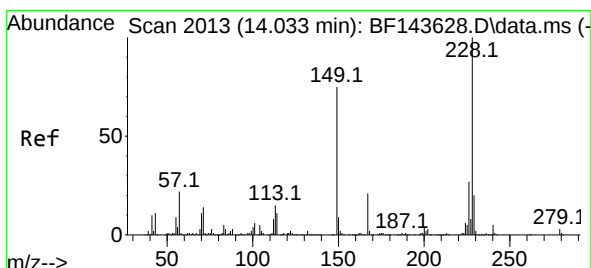
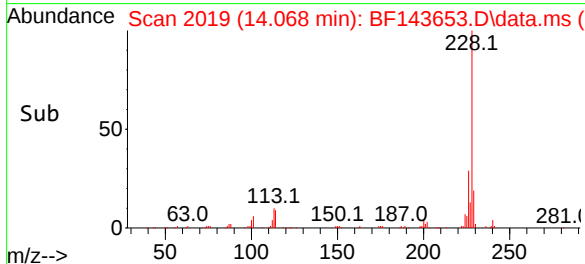
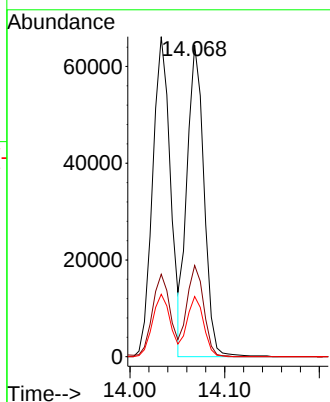
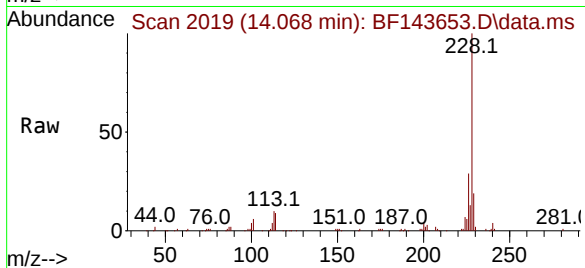
Tgt Ion:228 Resp: 80364

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 19.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.043 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

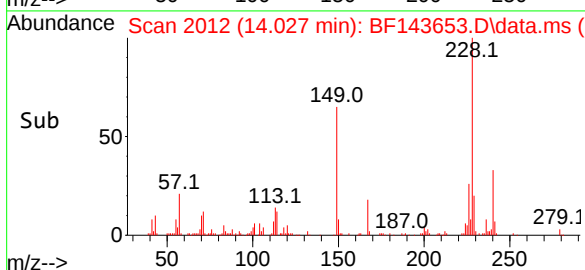
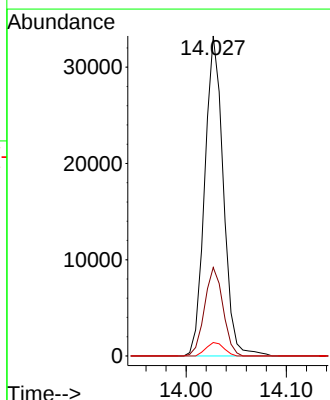
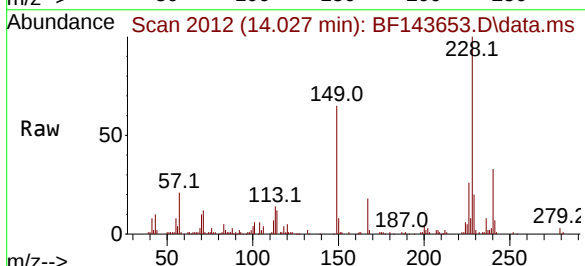
Tgt Ion:149 Resp: 42832

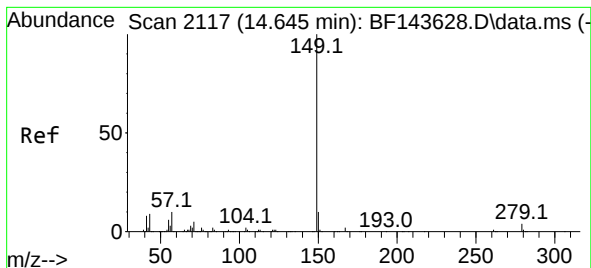
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 6.129 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF143653.D

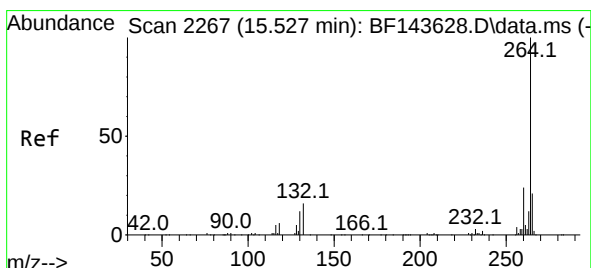
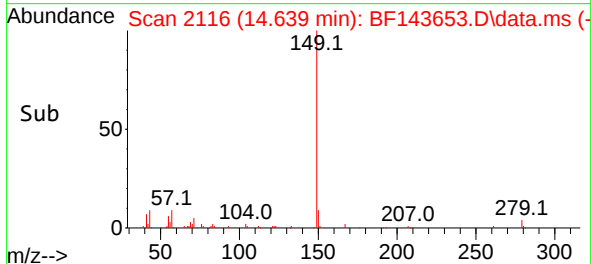
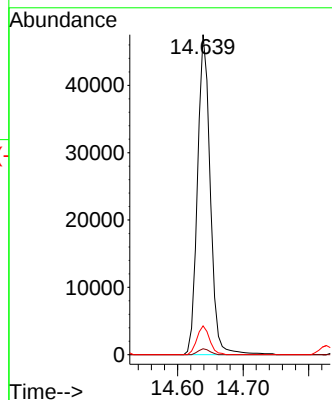
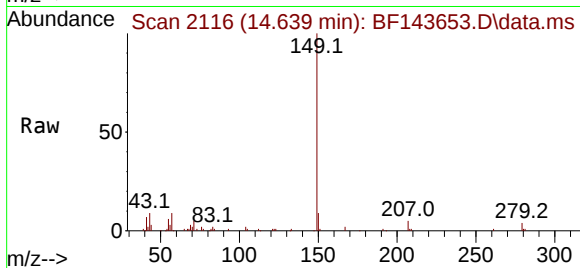
Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:149	Resp:	64525
Ion	Ratio	Lower Upper
149	100	
167	1.7	1.2 1.8
43	8.9	7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

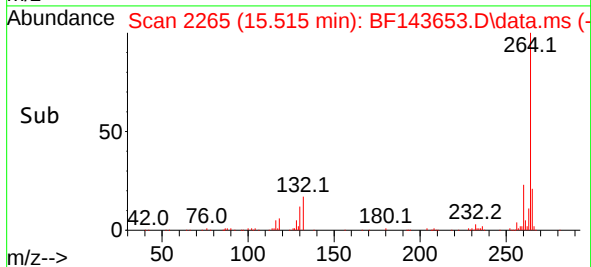
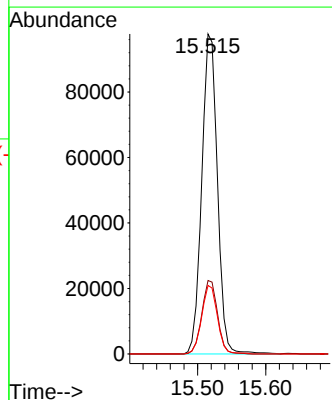
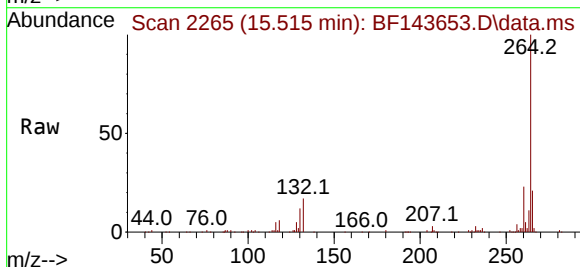
RT: 15.515 min Scan# 2265

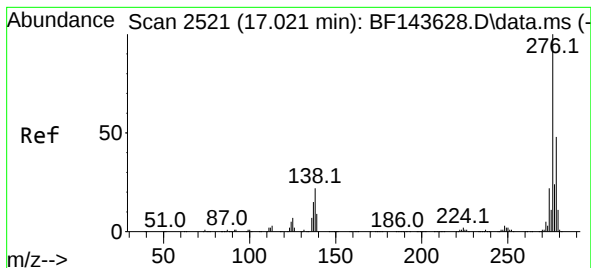
Delta R.T. -0.012 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Tgt Ion:264	Resp:	155879
Ion	Ratio	Lower Upper
264	100	
260	22.9	18.9 28.3
265	21.4	17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.379 ng

RT: 16.997 min Scan# 2117

Delta R.T. -0.024 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

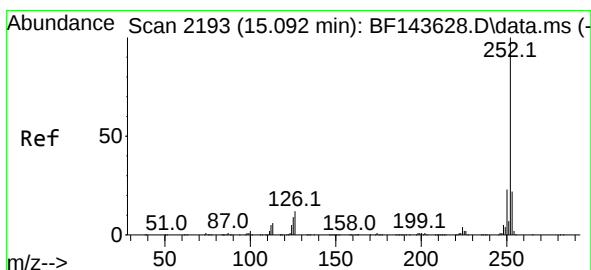
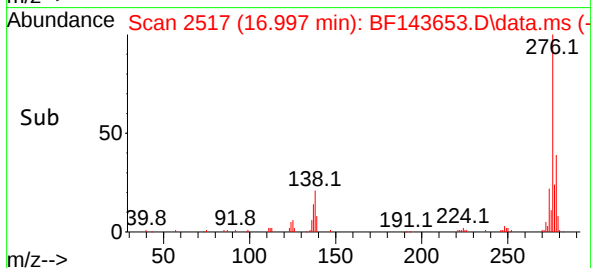
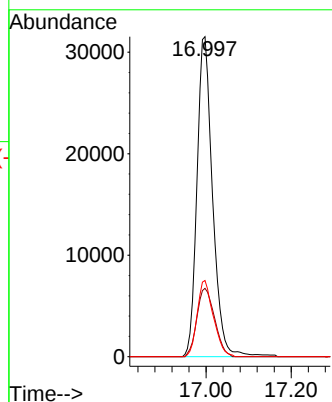
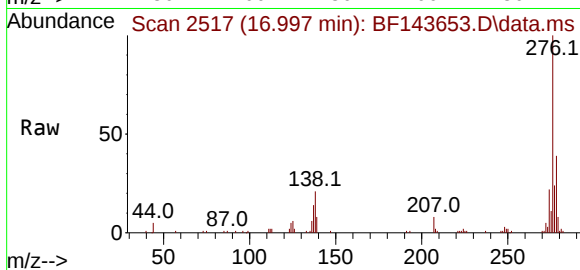
Tgt Ion:276 Resp: 80188

Ion Ratio Lower Upper

276 100

138 24.2 19.8 29.6

277 24.6 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 7.729 ng

RT: 15.080 min Scan# 2191

Delta R.T. -0.012 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

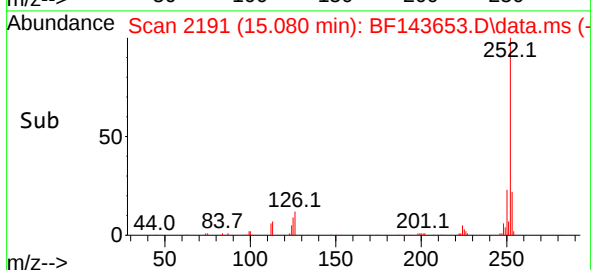
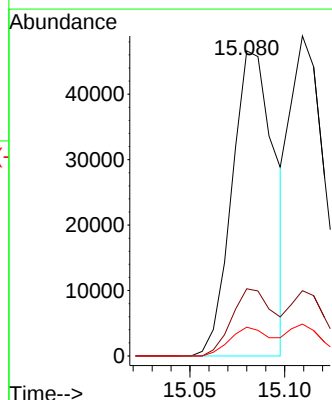
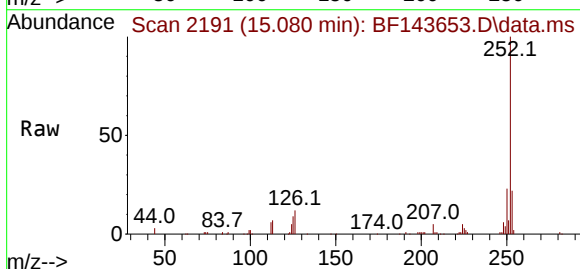
Tgt Ion:252 Resp: 72588

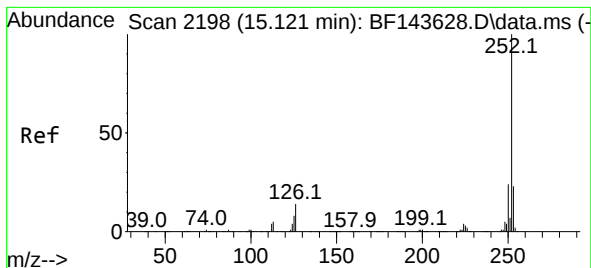
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 7.764 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

Instrument :

BNA_F

ClientSampleId :

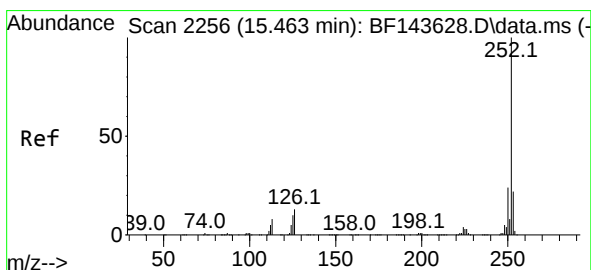
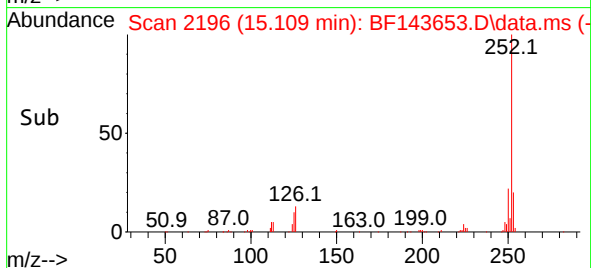
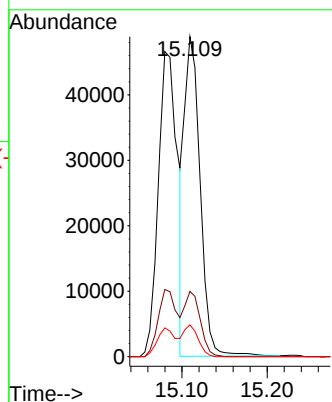
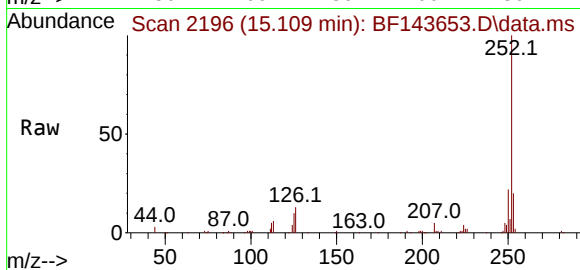
Tgt Ion:252 Resp: 63059

Ion Ratio Lower Upper

252 100

253 20.4 17.8 26.6

125 9.9 7.3 10.9



#90

Benzo(a)pyrene

Concen: 8.005 ng

RT: 15.451 min Scan# 2254

Delta R.T. -0.012 min

Lab File: BF143653.D

Acq: 05 Sep 2025 11:22

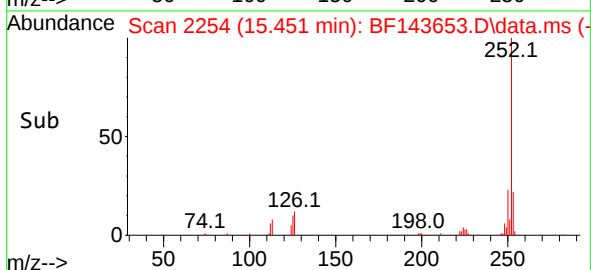
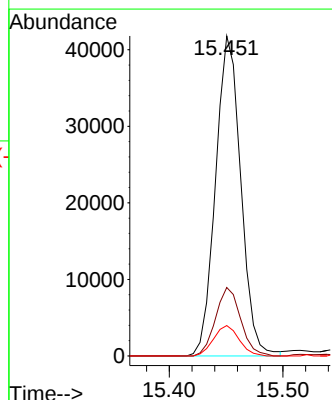
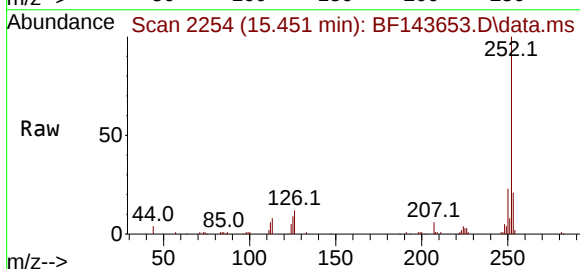
Tgt Ion:252 Resp: 64627

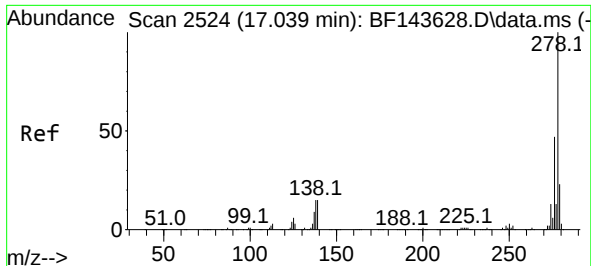
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

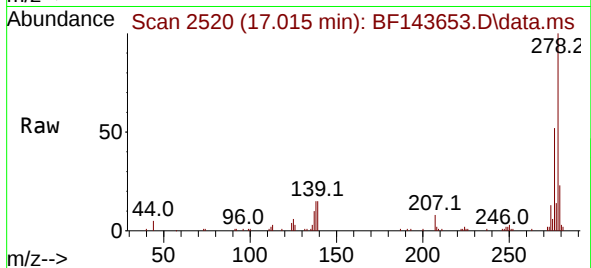
125 9.5 8.3 12.5



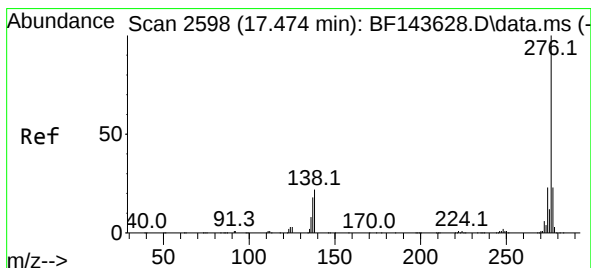
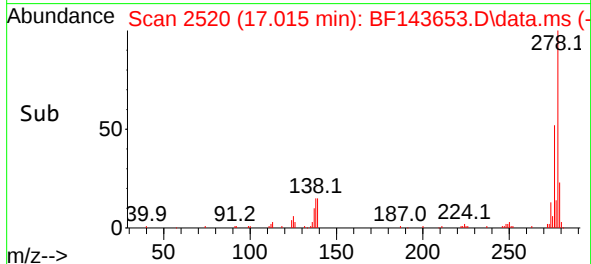
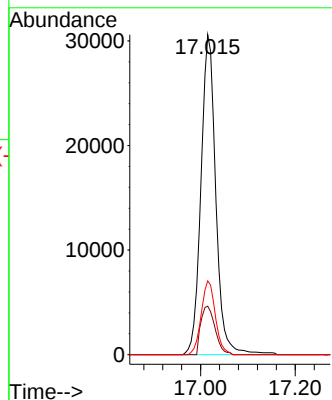


#91
Dibenzo(a,h)anthracene
Concen: 7.468 ng
RT: 17.015 min Scan# 2520
Delta R.T. -0.024 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 66751
Ion Ratio Lower Upper
278 100
139 15.1 12.4 18.6
279 23.1 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 7.526 ng
RT: 17.445 min Scan# 2593
Delta R.T. -0.030 min
Lab File: BF143653.D
Acq: 05 Sep 2025 11:22

Tgt Ion:276 Resp: 64802
Ion Ratio Lower Upper
276 100
277 24.8 18.7 28.1
138 21.0 17.2 25.8

