

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
 Data File : BF143777.D
 Acq On : 16 Sep 2025 17:22
 Operator : RC/JU
 Sample : PB169696BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169696BS

Quant Time: Sep 16 18:00:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 16 15:40:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	4147	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	15087	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	7826	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	10752	20.000	ng	0.00
76) Chrysene-d12	14.068	240	6785	20.000	ng	0.00
86) Perylene-d12	15.545	264	6021	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	33568	129.228	ng	0.00
7) Phenol-d6	6.516	99	38279	126.174	ng	-0.01
23) Nitrobenzene-d5	7.451	82	22020	86.363	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	9387	118.922	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	47728	83.957	ng	0.00
79) Terphenyl-d14	13.010	244	37131	85.233	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	5272	39.010	ng	96
3) Pyridine	3.504	79	13320	39.878	ng	95
4) n-Nitrosodimethylamine	3.457	42	5639	47.536	ng	98
6) Aniline	6.557	93	13814	34.833	ng	98
8) 2-Chlorophenol	6.675	128	11626	41.544	ng	95
9) Benzaldehyde	6.440	77	4838	25.828	ng	88
10) Phenol	6.528	94	15279	45.270	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	11013	43.829	ng	98
12) 1,3-Dichlorobenzene	6.834	146	13796	44.283	ng	98
13) 1,4-Dichlorobenzene	6.910	146	14085	45.644	ng	98
14) 1,2-Dichlorobenzene	7.063	146	13008	44.804	ng	99
15) Benzyl Alcohol	7.028	79	9001	44.402	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.169	45	12164	43.463	ng	99
17) 2-Methylphenol	7.139	107	9007	42.959	ng	93
18) Hexachloroethane	7.404	117	4288	44.402	ng	86
19) n-Nitroso-di-n-propyla...	7.304	70	8030	45.561	ng	95
20) 3+4-Methylphenols	7.292	107	12211	44.246	ng	91
22) Acetophenone	7.298	105	16972	47.647	ng	95
24) Nitrobenzene	7.475	77	11138	43.079	ng	98
25) Isophorone	7.710	82	20877	45.208	ng	# 96
26) 2-Nitrophenol	7.787	139	6167	44.185	ng	# 93
27) 2,4-Dimethylphenol	7.822	122	10653	48.127	ng	95
28) bis(2-Chloroethoxy)met...	7.922	93	12693	44.097	ng	98
29) 2,4-Dichlorophenol	8.028	162	9886	45.489	ng	95
30) 1,2,4-Trichlorobenzene	8.116	180	10442	44.577	ng	98
31) Naphthalene	8.198	128	33200	43.083	ng	98
32) Benzoic acid	7.922	122	5758	46.383	ng	95
33) 4-Chloroaniline	8.239	127	7518	29.247	ng	97
34) Hexachlorobutadiene	8.316	225	6320	42.081	ng	94
35) Caprolactam	8.604	113	1454	27.763	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	9062	42.180	ng	98
37) 2-Methylnaphthalene	8.886	142	18842	37.828	ng	99
38) 1-Methylnaphthalene	8.986	142	20166	41.476	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	10599	44.899	ng	98
41) Hexachlorocyclopentadiene	9.039	237	14052	108.933	ng	95
43) 2,4,6-Trichlorophenol	9.163	196	6659	41.789	ng	95

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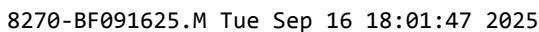
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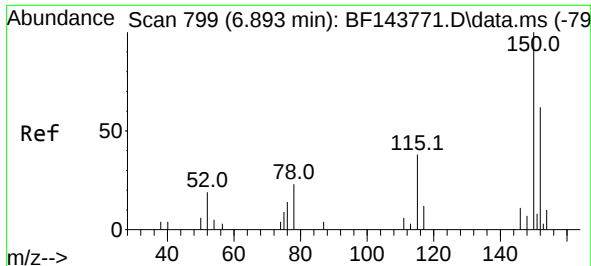
Quant Time: Sep 16 18:00:49 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 16 15:40:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	7002	43.987	ng	91
46) 1,1'-Biphenyl	9.351	154	26541	44.142	ng	99
47) 2-Chloronaphthalene	9.375	162	20110	42.970	ng	99
48) 2-Nitroaniline	9.469	65	5371	43.799	ng	89
49) Acenaphthylene	9.792	152	31095	47.278	ng	97
50) Dimethylphthalate	9.651	163	21781	42.346	ng	# 98
51) 2,6-Dinitrotoluene	9.710	165	4640	43.760	ng	94
52) Acenaphthene	9.969	154	21090	47.846	ng	98
53) 3-Nitroaniline	9.880	138	3348	29.941	ng	94
54) 2,4-Dinitrophenol	9.986	184	5031	74.159	ng	# 32
55) Dibenzofuran	10.139	168	27743	43.342	ng	96
56) 4-Nitrophenol	10.033	139	7282	85.986	ng	99
57) 2,4-Dinitrotoluene	10.116	165	6282	42.572	ng	96
58) Fluorene	10.480	166	22570	45.096	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.251	232	5419	44.436	ng	# 97
60) Diethylphthalate	10.351	149	20494	43.398	ng	96
61) 4-Chlorophenyl-phenyle...	10.475	204	10731	42.742	ng	97
62) 4-Nitroaniline	10.492	138	4397	41.165	ng	96
63) Azobenzene	10.633	77	18295	43.899	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	3527	48.438	ng	97
66) n-Nitrosodiphenylamine	10.592	169	17978	47.912	ng	95
67) 4-Bromophenyl-phenylether	10.963	248	6221	46.831	ng	97
68) Hexachlorobenzene	11.027	284	6828	48.308	ng	100
69) Atrazine	11.116	200	5519	49.523	ng	90
70) Pentachlorophenol	11.222	266	7785	99.760	ng	98
71) Phenanthrene	11.445	178	27453	44.303	ng	100
72) Anthracene	11.498	178	28226	44.668	ng	99
73) Carbazole	11.651	167	24045	46.682	ng	100
74) Di-n-butylphthalate	11.980	149	29135	46.562	ng	98
75) Fluoranthene	12.633	202	24820	43.414	ng	98
77) Benzidine	12.757	184	6337	30.194	ng	97
78) Pyrene	12.633	202	24820	44.957	ng	95
80) Butylbenzylphthalate	13.486	149	9253	48.491	ng	92
81) Benzo(a)anthracene	14.057	228	20510	45.938	ng	97
82) 3,3'-Dichlorobenzidine	14.016	252	4167	32.624	ng	96
83) Chrysene	14.092	228	17530	43.042	ng	95
84) Bis(2-ethylhexyl)phtha...	14.045	149	13858	53.530	ng	94
85) Di-n-octyl phthalate	14.657	149	21009	48.073	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.051	276	18677	48.463	ng	98
88) Benzo(b)fluoranthene	15.110	252	18619	49.942	ng	99
89) Benzo(k)fluoranthene	15.145	252	16386	50.123	ng	99
90) Benzo(a)pyrene	15.486	252	16307	50.756	ng	# 97
91) Dibenzo(a,h)anthracene	17.068	278	15705	50.723	ng	98
92) Benzo(g,h,i)perylene	17.509	276	14400	48.516	ng	98

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

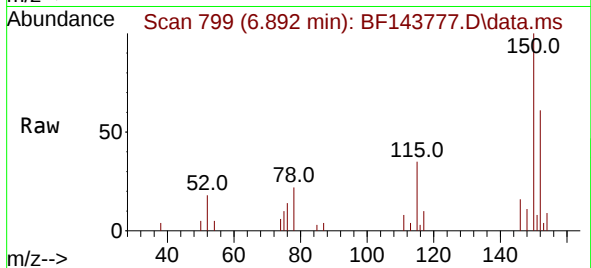
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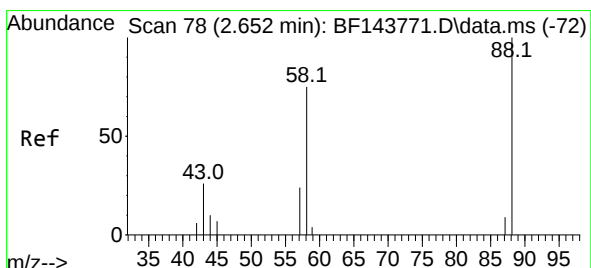
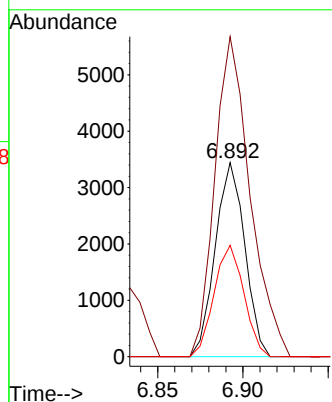
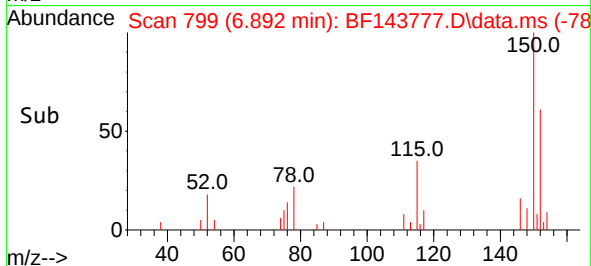


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

Instrument :
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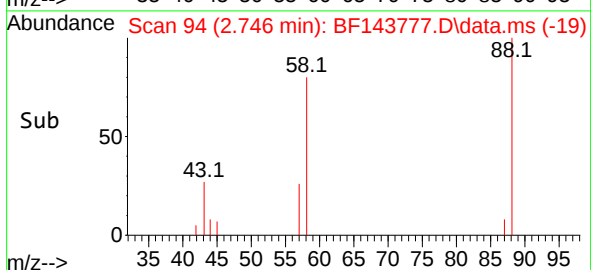
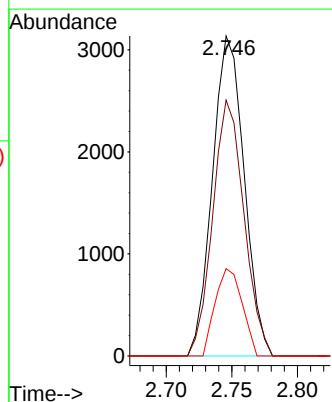
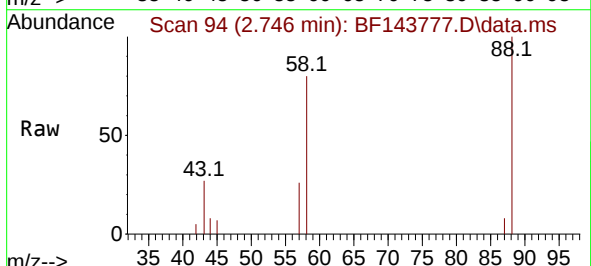


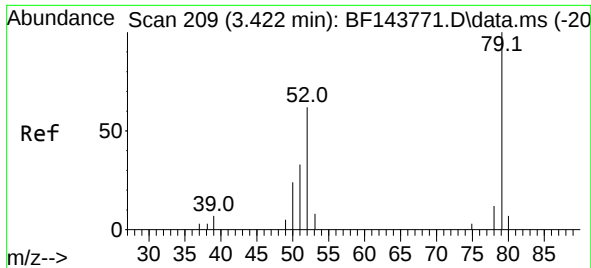
Tgt Ion:152 Resp: 4147
 Ion Ratio Lower Upper
 152 100
 150 164.9 128.8 193.2
 115 57.4 49.1 73.7



#2
 1,4-Dioxane
 Concen: 39.010 ng
 RT: 2.746 min Scan# 94
 Delta R.T. 0.088 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

Tgt Ion: 88 Resp: 5272
 Ion Ratio Lower Upper
 88 100
 58 78.8 60.3 90.5
 43 23.1 19.9 29.9

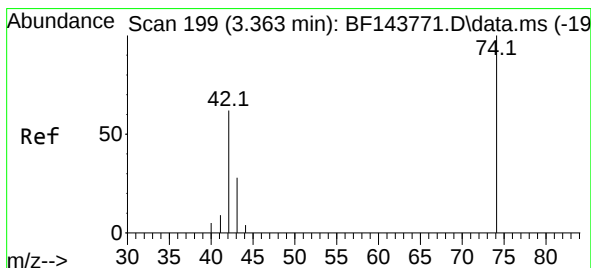
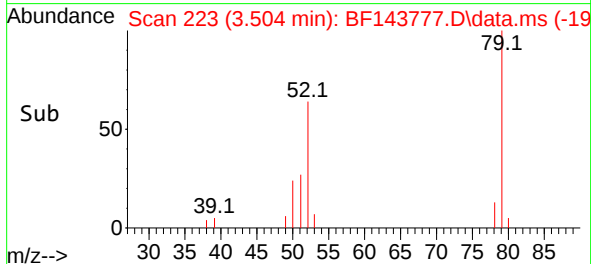
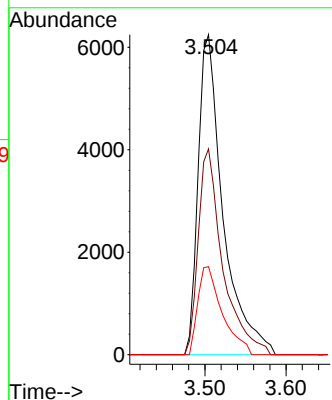
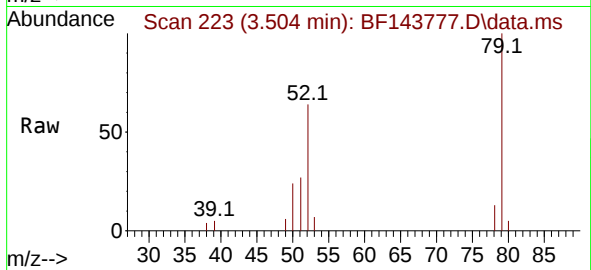




#3
Pyridine
Concen: 39.878 ng
RT: 3.504 min Scan# 215
Delta R.T. 0.071 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

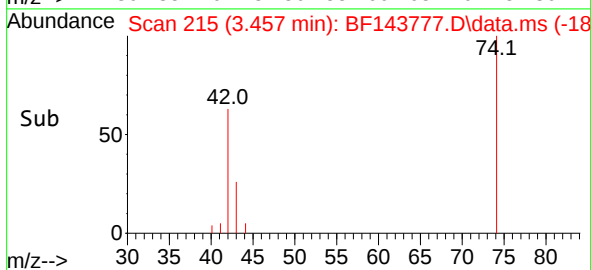
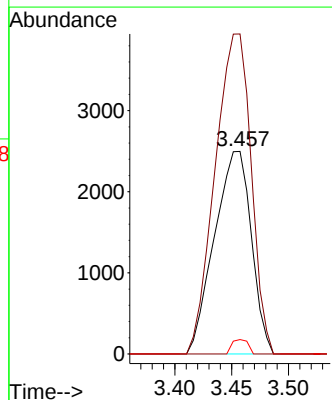
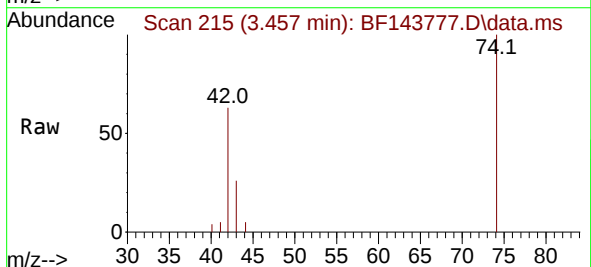
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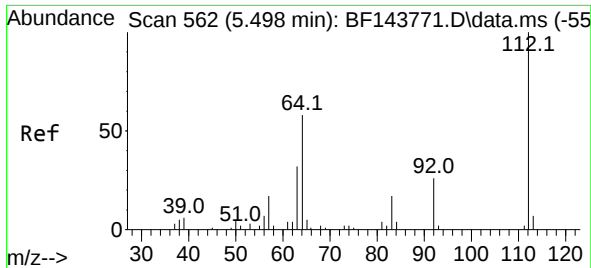
Tgt Ion: 79 Resp: 13320
Ion Ratio Lower Upper
79 100
52 64.3 49.8 74.8
51 27.5 26.4 39.6



#4
n-Nitrosodimethylamine
Concen: 47.536 ng
RT: 3.457 min Scan# 215
Delta R.T. 0.053 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion: 42 Resp: 5639
Ion Ratio Lower Upper
42 100
74 157.9 129.0 193.4
44 7.1 5.8 8.6

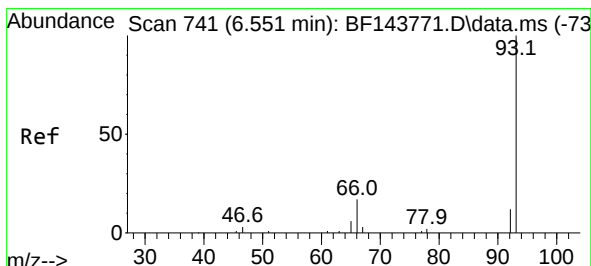
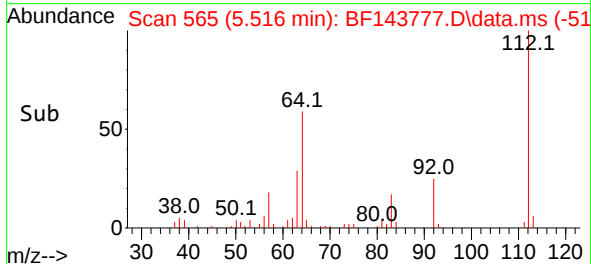
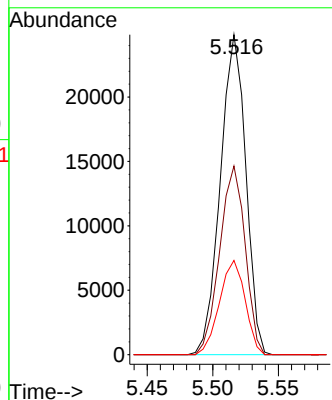
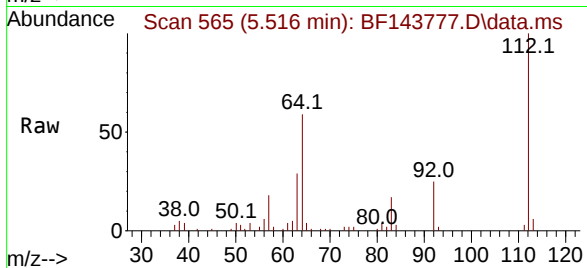




#5
2-Fluorophenol
Concen: 129.228 ng
RT: 5.516 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

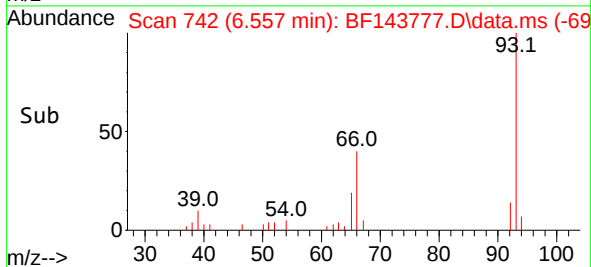
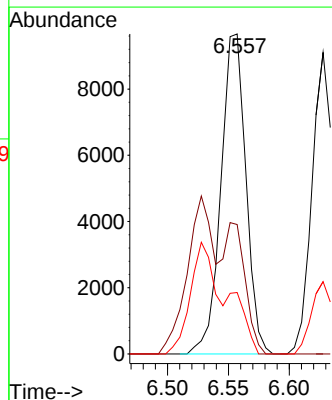
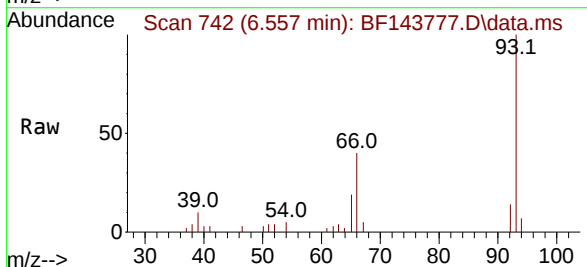
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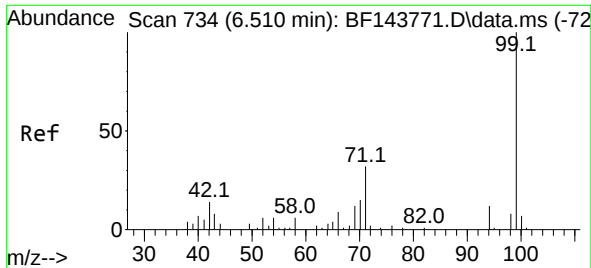
Tgt Ion:112 Resp: 33568
Ion Ratio Lower Upper
112 100
64 58.9 46.3 69.5
63 29.5 25.4 38.2



#6
Aniline
Concen: 34.833 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion: 93 Resp: 13814
Ion Ratio Lower Upper
93 100
66 40.5 32.6 48.8
65 19.2 17.2 25.8

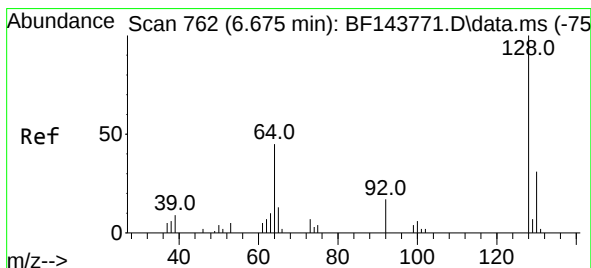
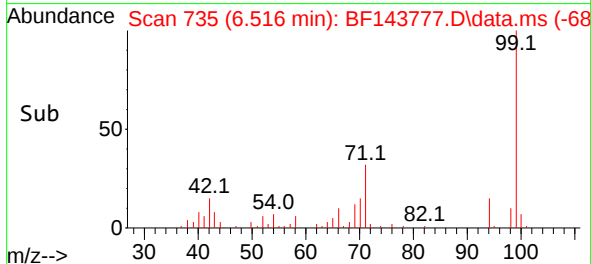
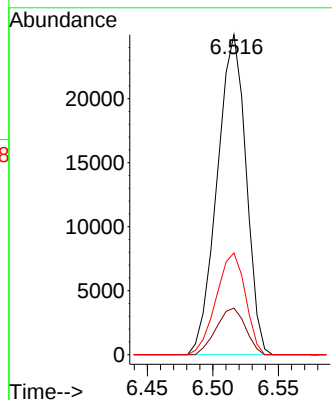
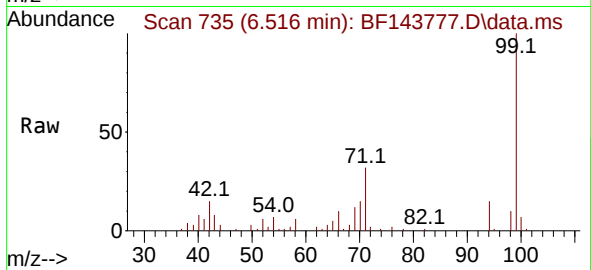




#7
Phenol-d6
Concen: 126.174 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

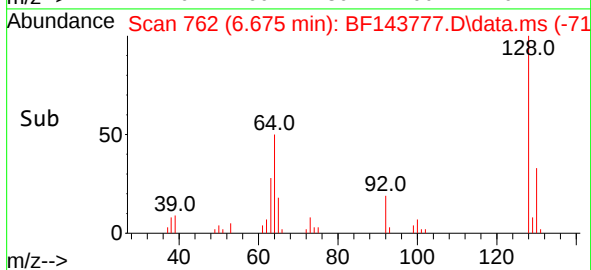
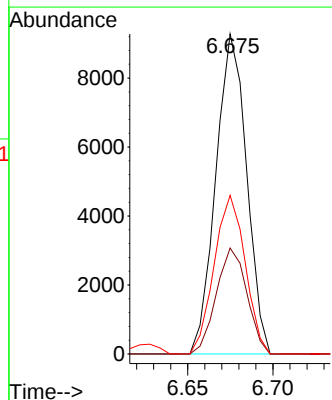
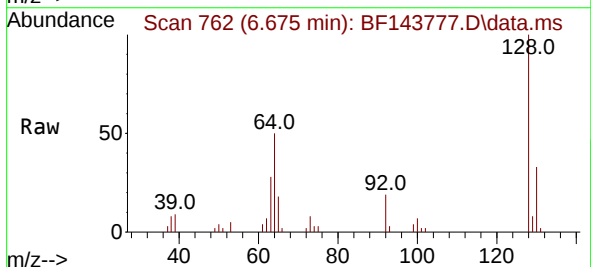
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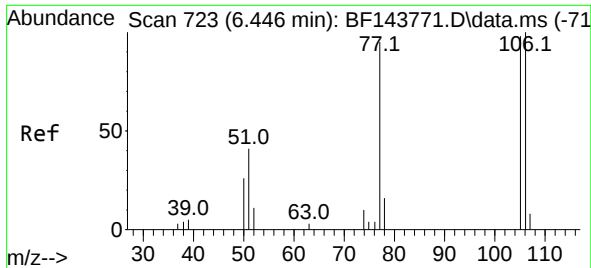
Tgt Ion: 99 Resp: 38279
Ion Ratio Lower Upper
99 100
42 14.6 11.5 17.3
71 31.8 25.4 38.0



#8
2-Chlorophenol
Concen: 41.544 ng
RT: 6.675 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:128 Resp: 11626
Ion Ratio Lower Upper
128 100
130 33.1 11.4 51.4
64 49.6 25.2 65.2





#9

Benzaldehyde

Concen: 25.828 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

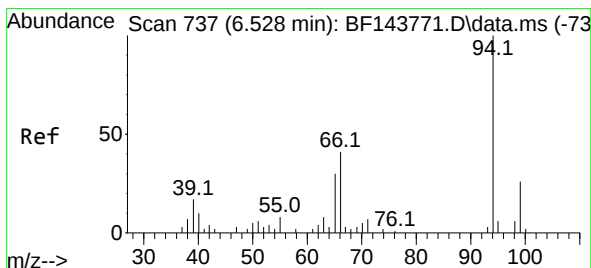
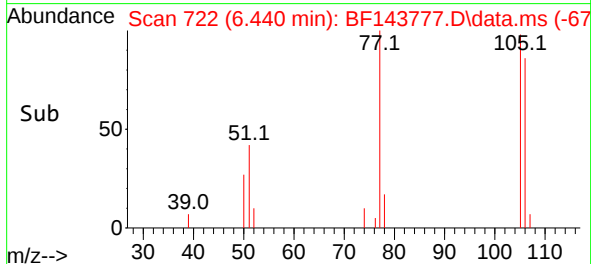
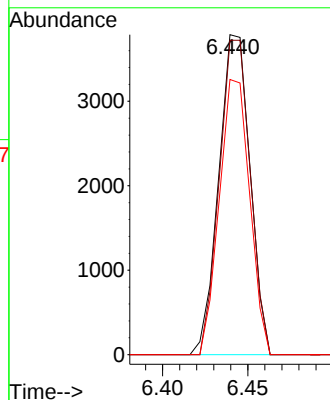
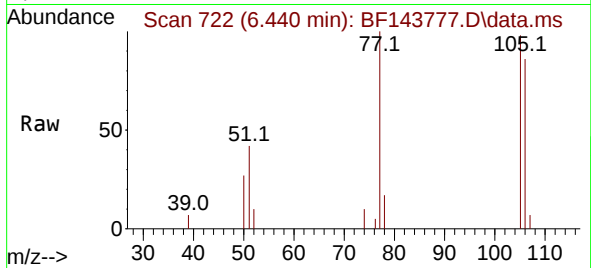
Tgt Ion: 77 Resp: 4838

Ion Ratio Lower Upper

77 100

105 98.2 83.0 123.0

106 86.0 85.5 125.5



#10

Phenol

Concen: 45.270 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

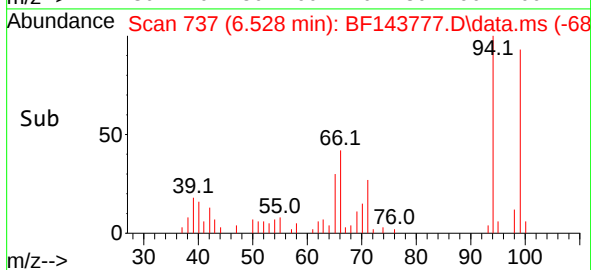
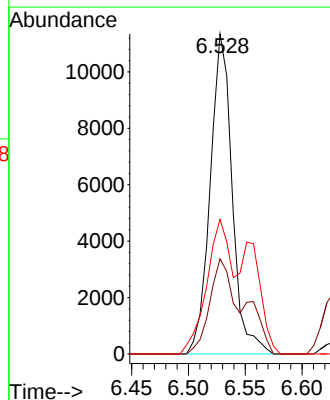
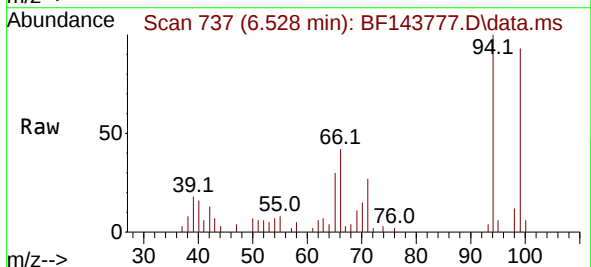
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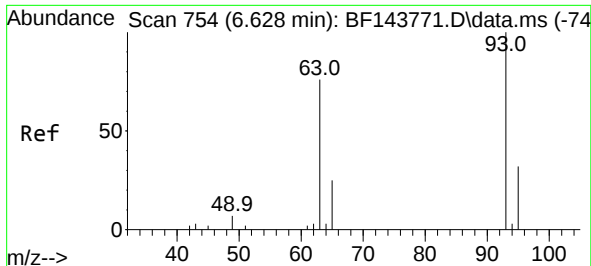
Ion Ratio Lower Upper

94 100

65 29.7 9.8 49.8

66 42.1 21.5 61.5





#11

bis(2-Chloroethyl)ether

Concen: 43.829 ng

RT: 6.628 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

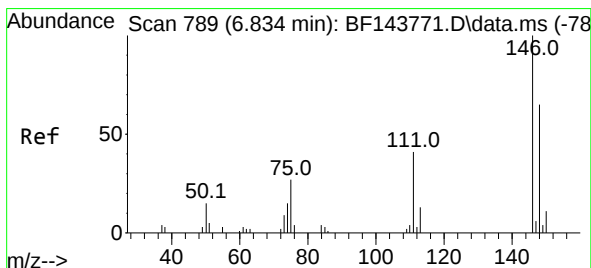
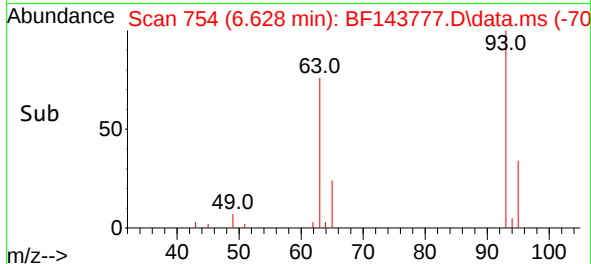
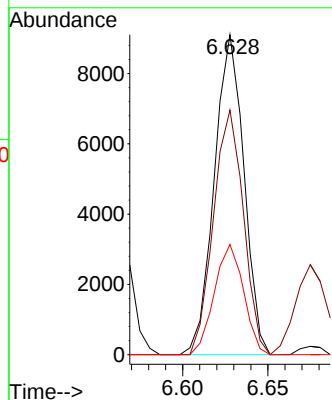
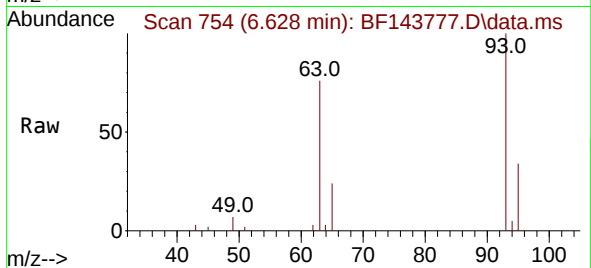
Tgt Ion: 93 Resp: 11013

Ion Ratio Lower Upper

93 100

63 76.5 55.7 95.7

95 34.4 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 44.283 ng

RT: 6.834 min Scan# 789

Delta R.T. -0.006 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

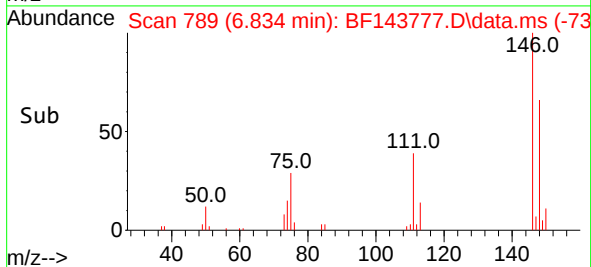
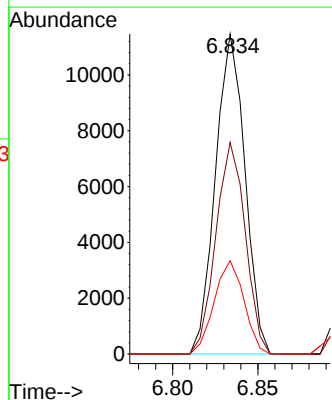
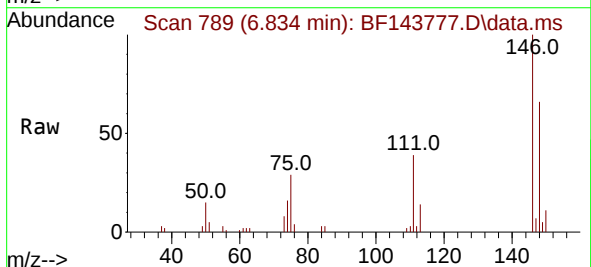
Tgt Ion:146 Resp: 13796

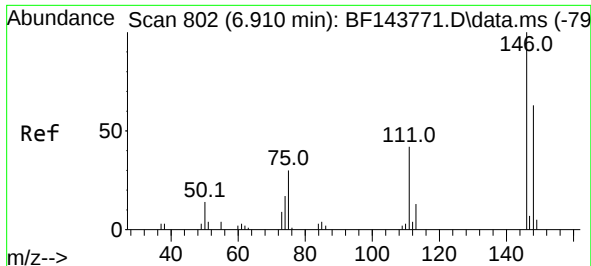
Ion Ratio Lower Upper

146 100

148 66.1 52.0 78.0

75 29.2 21.4 32.2

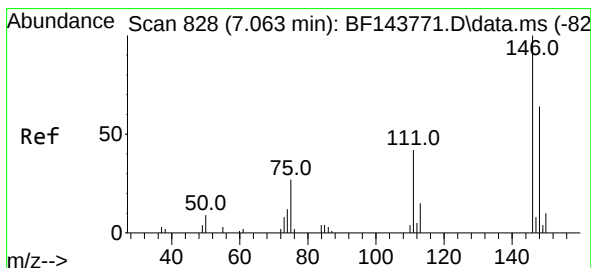
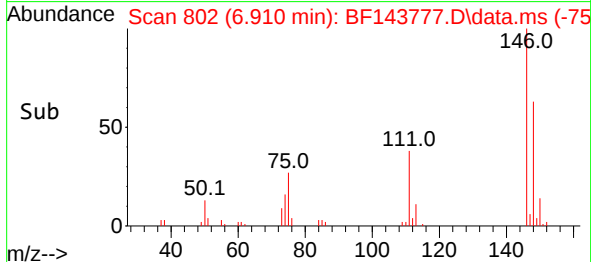
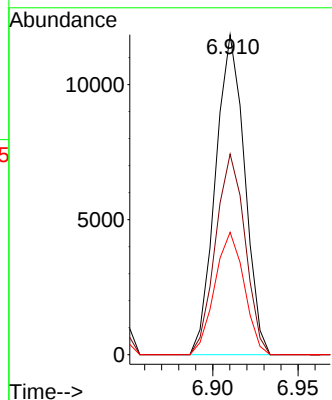
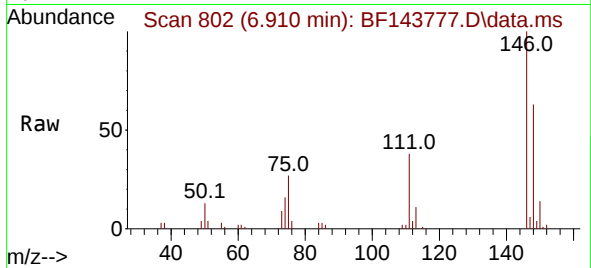




#13
1,4-Dichlorobenzene
Concen: 45.644 ng
RT: 6.910 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

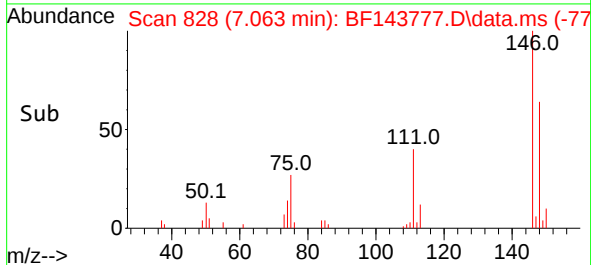
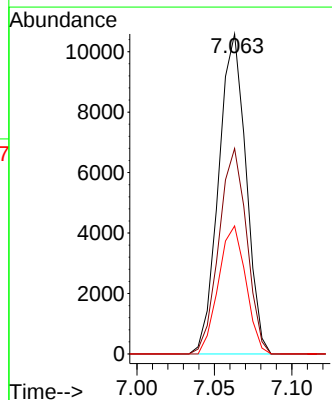
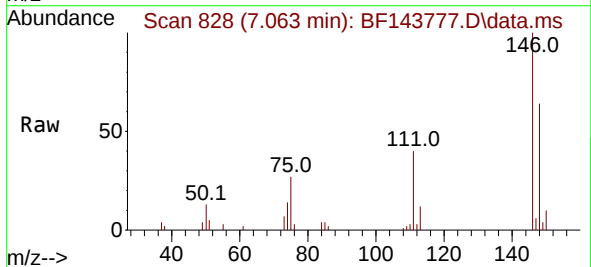
Instrument :
BNA_F
ClientSampleId :
PB169696BS

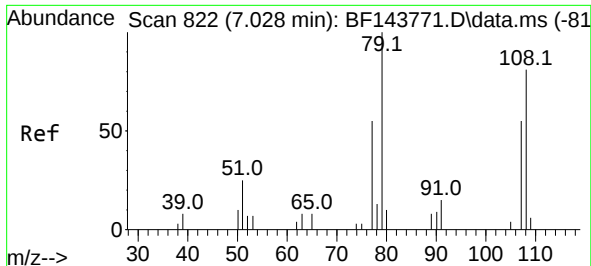
Tgt Ion:146	Resp:	14085
Ion Ratio	Lower	Upper
146	100	
148	62.7	50.2 75.2
111	38.3	33.3 49.9



#14
1,2-Dichlorobenzene
Concen: 44.804 ng
RT: 7.063 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:146	Resp:	13008
Ion Ratio	Lower	Upper
146	100	
148	64.2	50.9 76.3
111	40.0	33.3 49.9

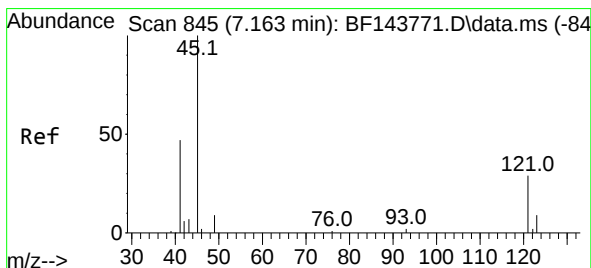
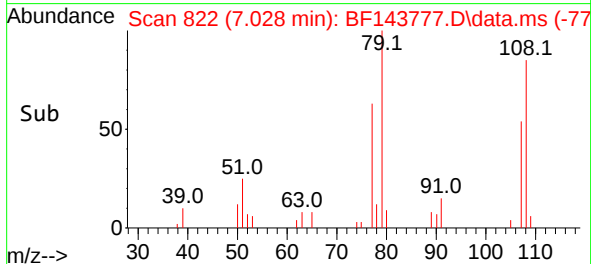
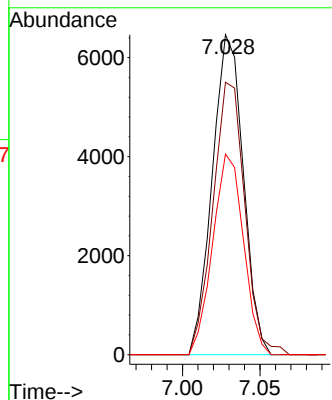
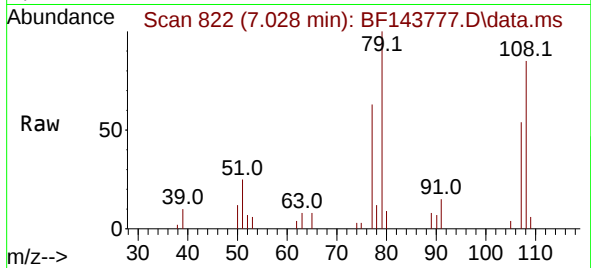




#15
Benzyl Alcohol
Concen: 44.402 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

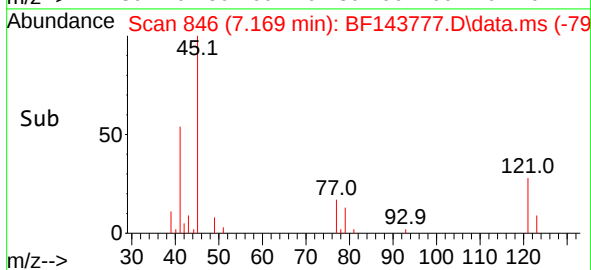
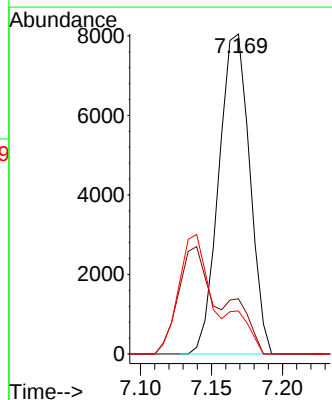
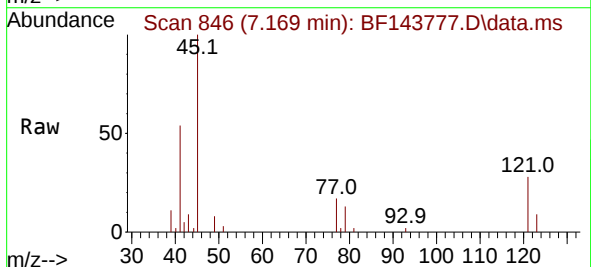
Instrument :
BNA_F
ClientSampleId :
PB169696BS

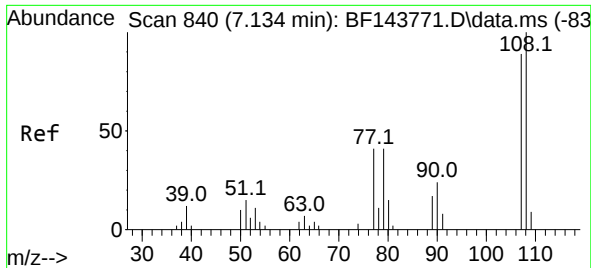
Tgt Ion:	79	Resp:	9001
Ion Ratio	Lower	Upper	
79	100		
108	85.1	64.4	96.6
77	62.7	44.2	66.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.463 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

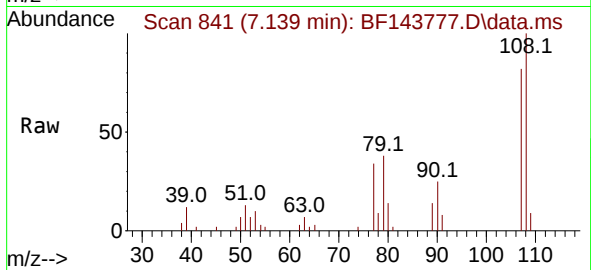
Tgt Ion:	45	Resp:	12164
Ion Ratio	Lower	Upper	
45	100		
77	17.3	0.0	37.0
79	13.4	0.0	32.4



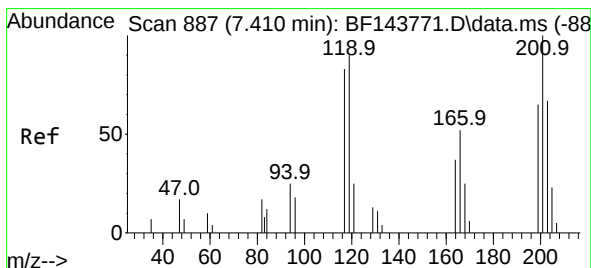
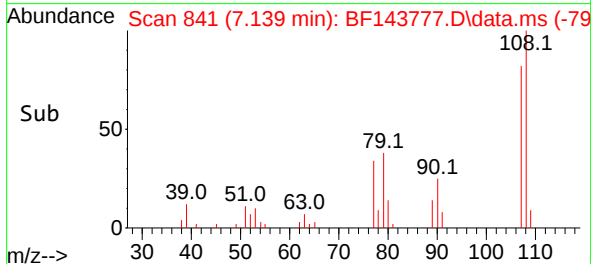
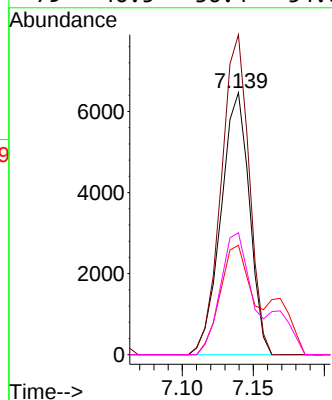


#17
2-Methylphenol
Concen: 42.959 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Instrument :
BNA_F
ClientSampleId :
PB169696BS

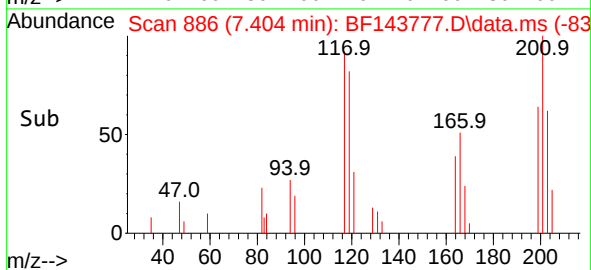
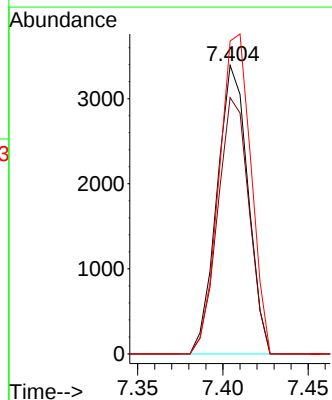
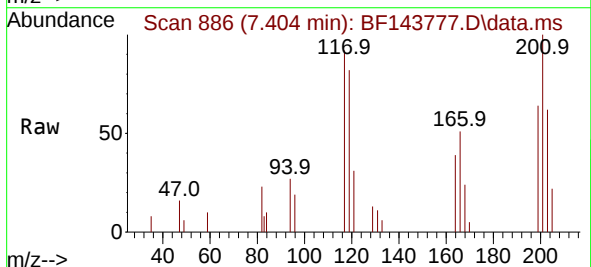


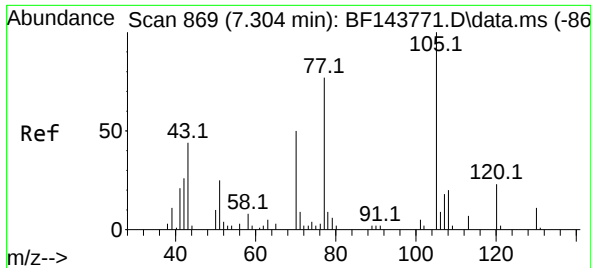
Tgt Ion:	107	Resp:	9007
Ion	Ratio	Lower	Upper
107	100		
108	122.1	89.7	134.5
77	41.7	37.1	55.7
79	46.5	36.4	54.6



#18
Hexachloroethane
Concen: 44.402 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:	117	Resp:	4288
Ion	Ratio	Lower	Upper
117	100		
119	88.8	86.6	130.0
201	108.4	95.8	143.8

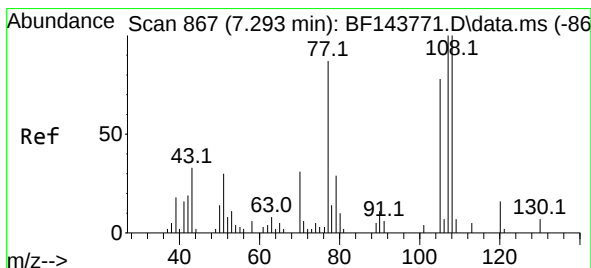
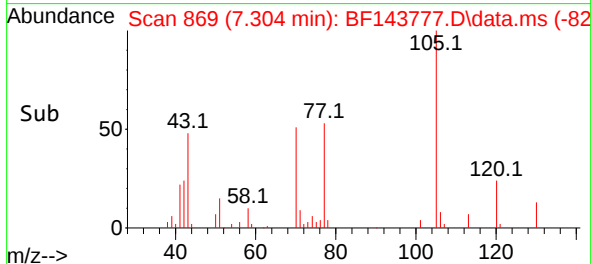
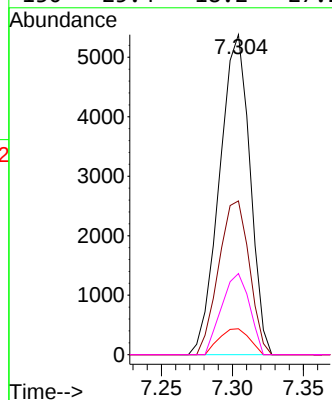
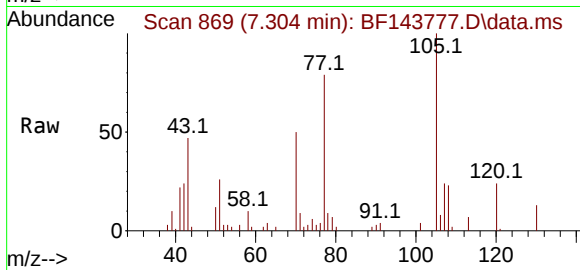




#19
n-Nitroso-di-n-propylamine
Concen: 45.561 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

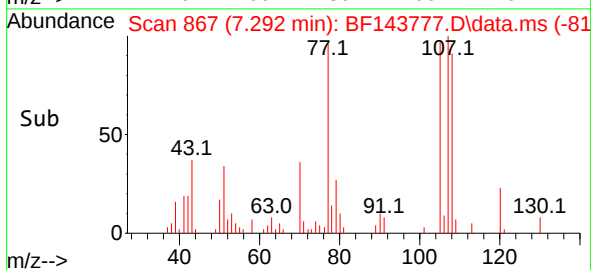
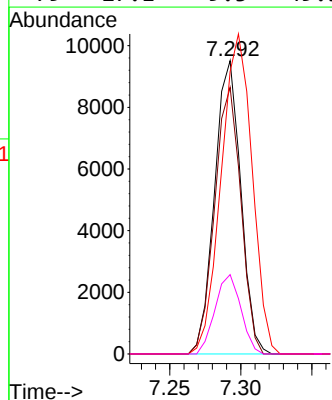
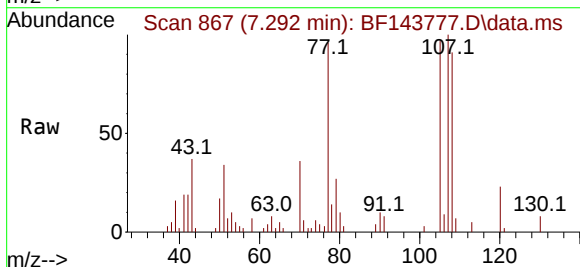
Instrument :
BNA_F
ClientSampleId :
PB169696BS

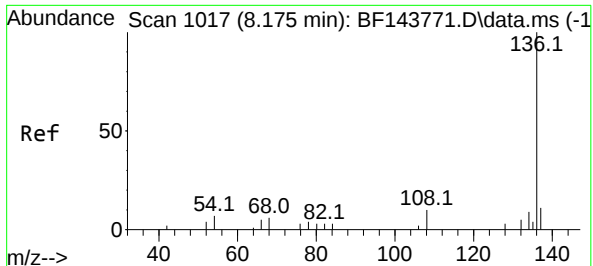
Tgt Ion:	70	Resp:	8030
Ion	Ratio	Lower	Upper
70	100		
42	48.1	41.0	61.6
101	8.1	7.4	11.0
130	25.4	18.2	27.2



#20
3+4-Methylphenols
Concen: 44.246 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:	107	Resp:	12211
Ion	Ratio	Lower	Upper
107	100		
108	90.9	79.7	119.7
77	96.3	67.1	107.1
79	27.1	9.3	49.3

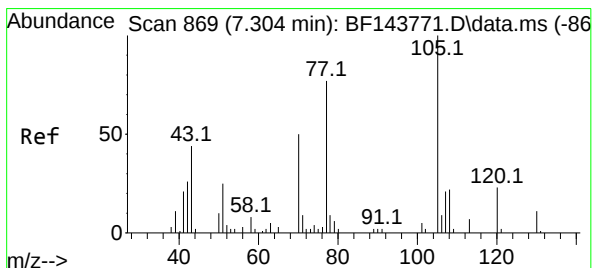
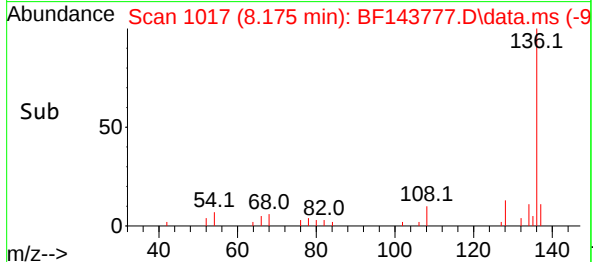
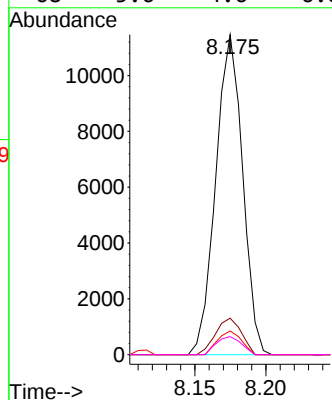
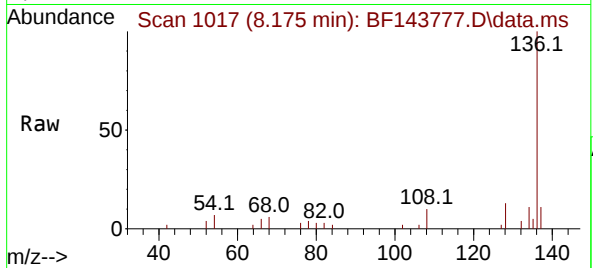




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

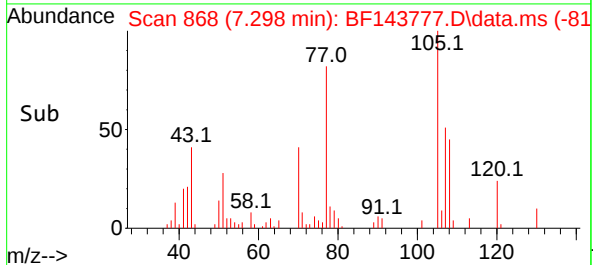
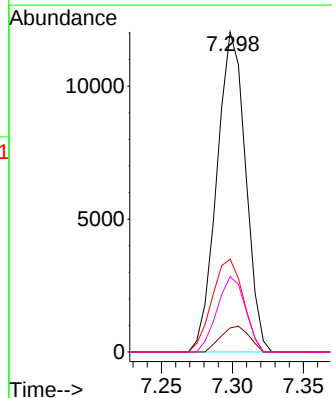
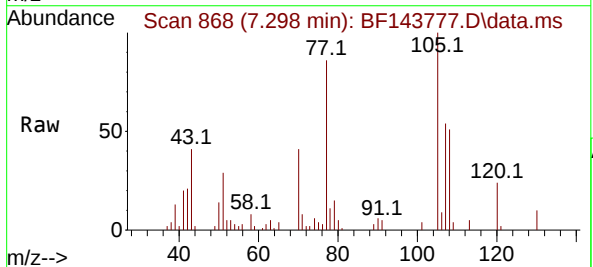
Instrument :
BNA_F
ClientSampleId :
PB169696BS

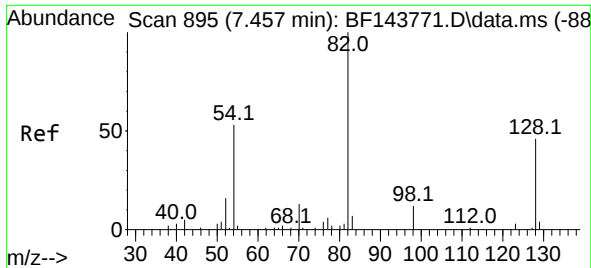
Tgt Ion:	136	Resp:	15087
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.4	5.9	8.9
68	5.6	4.6	6.8



#22
Acetophenone
Concen: 47.647 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:	105	Resp:	16972
Ion	Ratio	Lower	Upper
105	100		
71	7.5	7.2	10.8
51	29.0	20.0	30.0
120	23.6	18.5	27.7





#23

Nitrobenzene-d5

Concen: 86.363 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

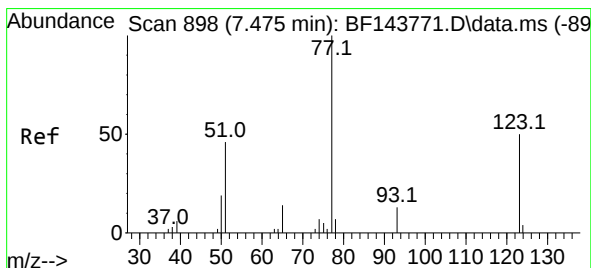
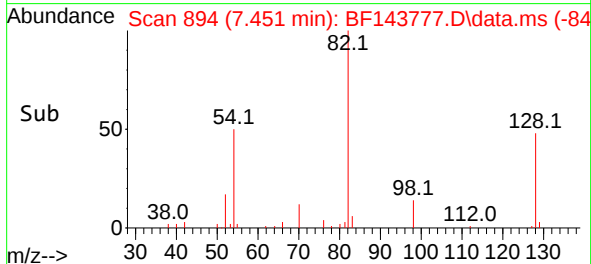
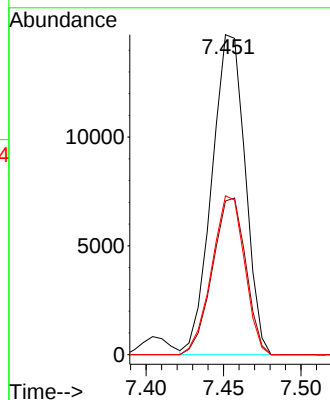
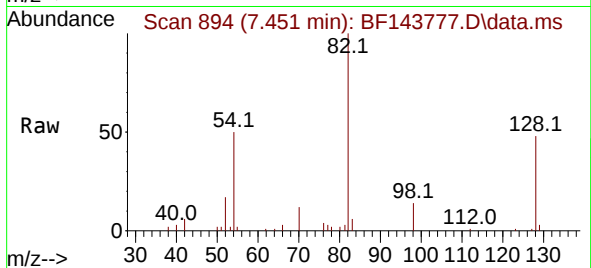
Tgt Ion: 82 Resp: 22020

Ion Ratio Lower Upper

82 100

128 48.1 36.6 55.0

54 49.7 41.9 62.9



#24

Nitrobenzene

Concen: 43.079 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

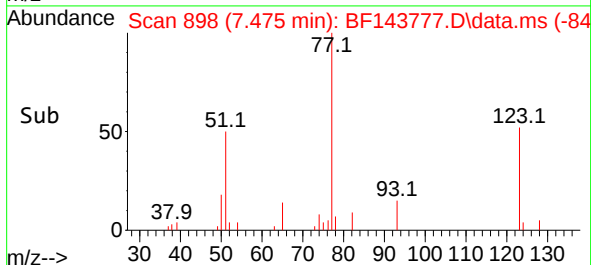
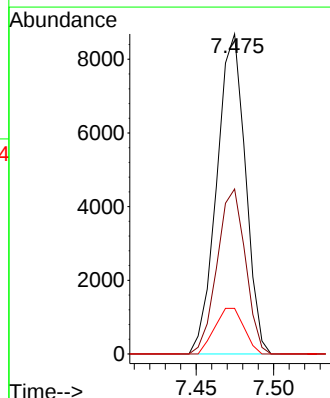
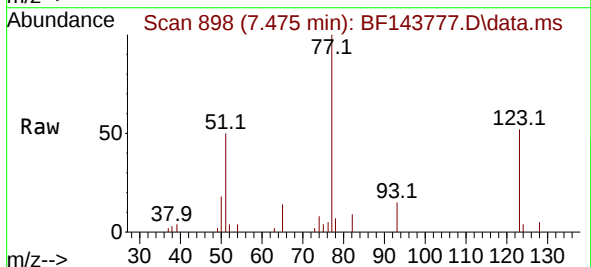
Tgt Ion: 77 Resp: 11138

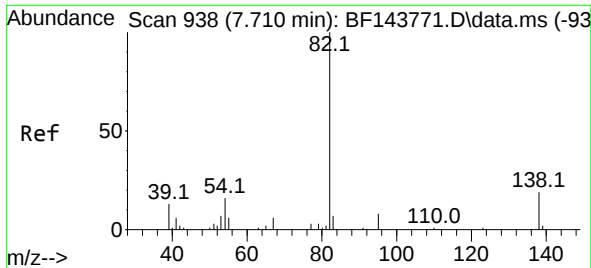
Ion Ratio Lower Upper

77 100

123 51.5 40.0 60.0

65 14.2 11.6 17.4

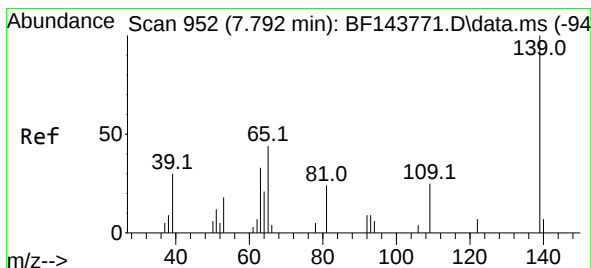
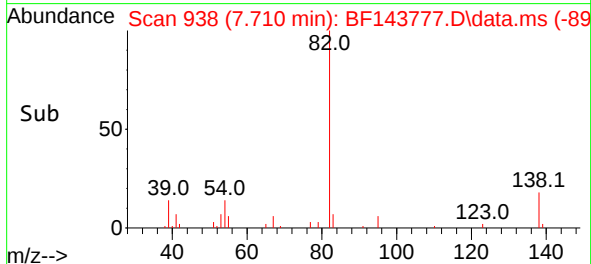
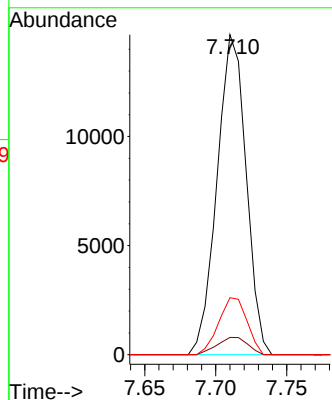
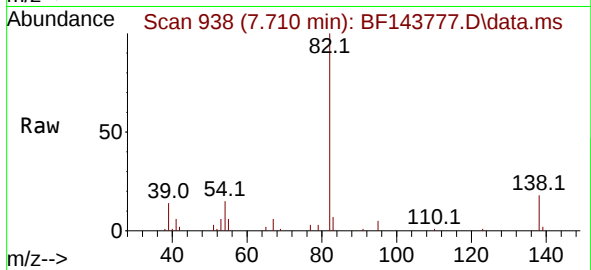




#25
Isophorone
Concen: 45.208 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

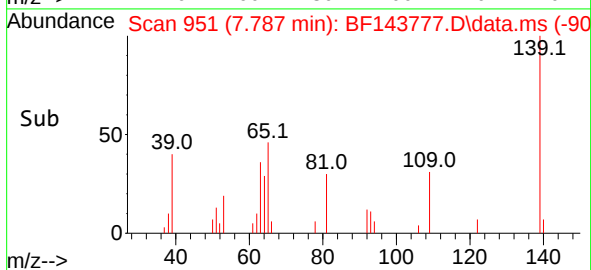
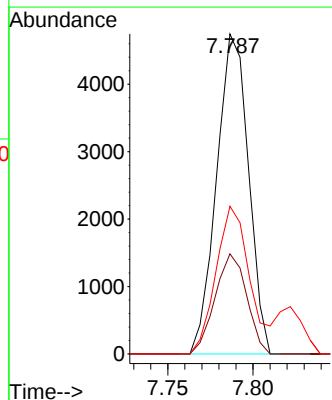
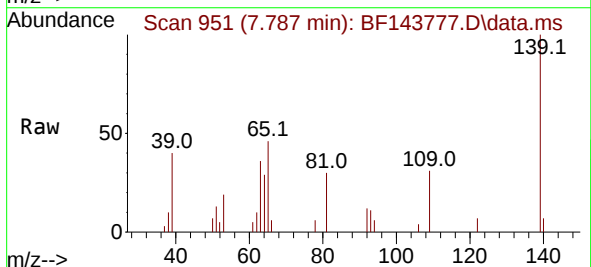
Instrument :
BNA_F
ClientSampleId :
PB169696BS

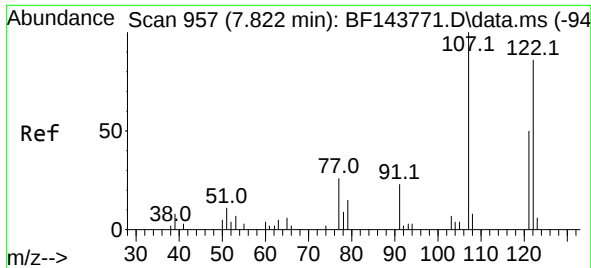
Tgt Ion: 82 Resp: 20877
Ion Ratio Lower Upper
82 100
95 5.4 6.1 9.1#
138 17.8 15.4 23.2



#26
2-Nitrophenol
Concen: 44.185 ng
RT: 7.787 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:139 Resp: 6167
Ion Ratio Lower Upper
139 100
109 31.3 20.1 30.1#
65 46.1 35.1 52.7





#27

2,4-Dimethylphenol

Concen: 48.127 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

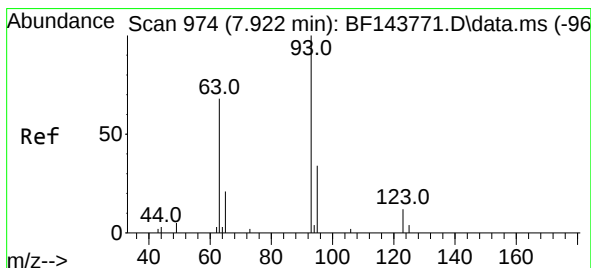
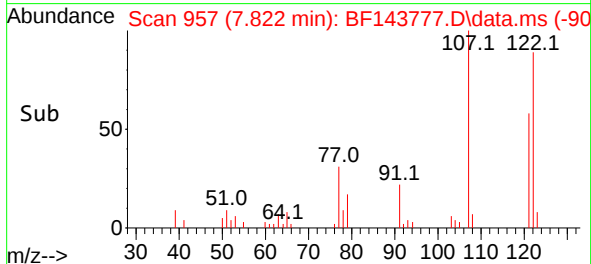
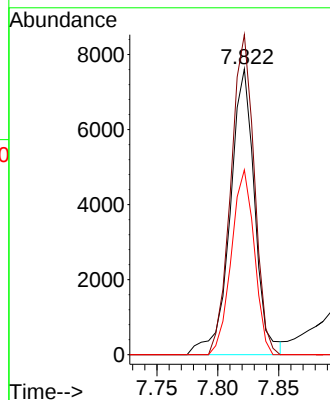
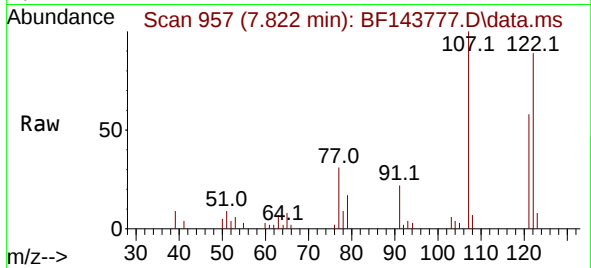
Tgt Ion:122 Resp: 10653

Ion Ratio Lower Upper

122 100

107 112.0 92.8 139.2

121 64.7 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 44.097 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

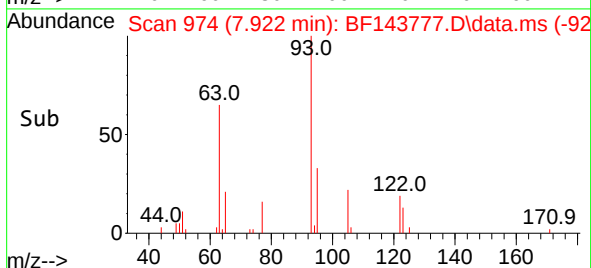
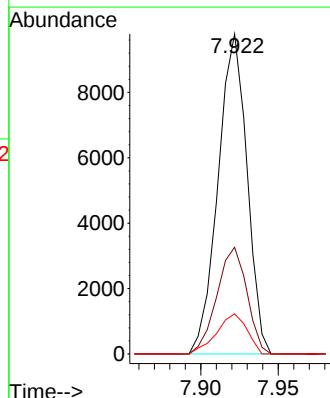
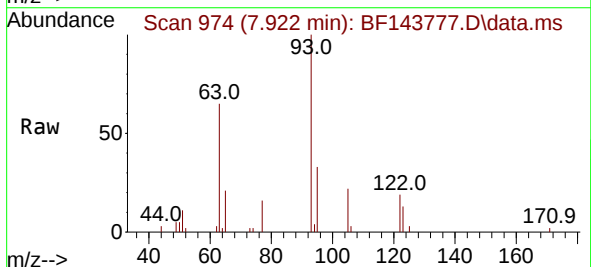
Tgt Ion: 93 Resp: 12693

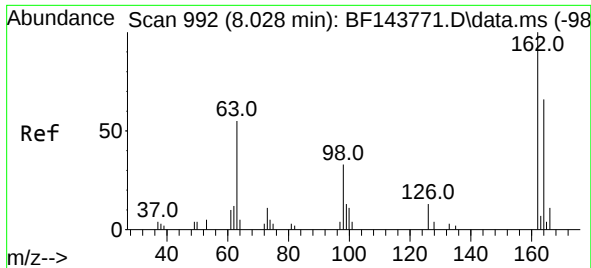
Ion Ratio Lower Upper

93 100

95 33.3 27.4 41.0

123 12.6 9.4 14.0

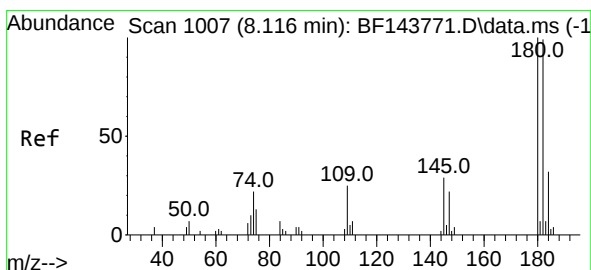
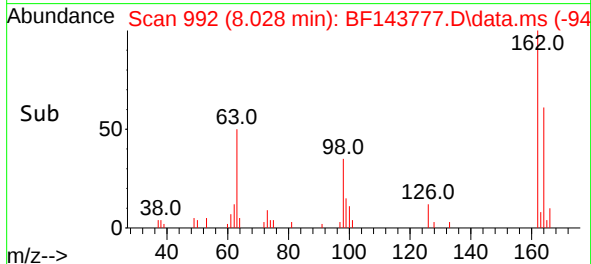
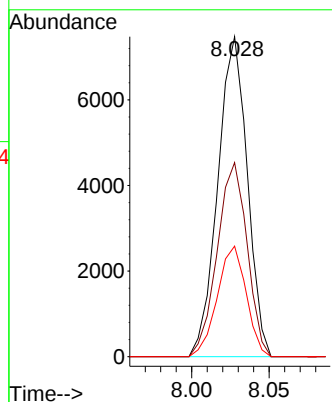
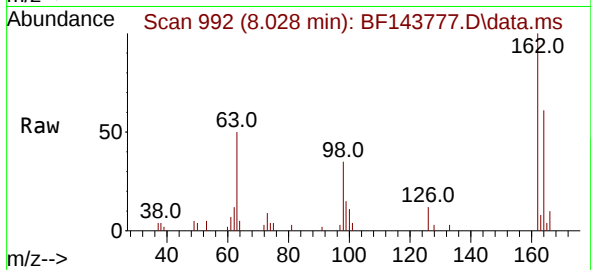




#29
2,4-Dichlorophenol
Concen: 45.489 ng
RT: 8.028 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

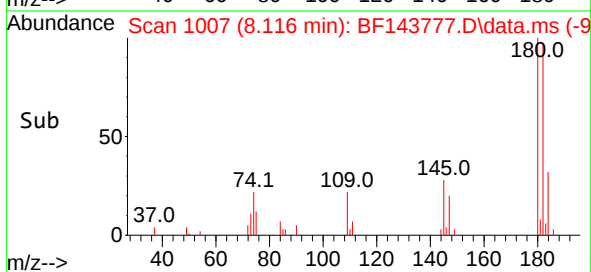
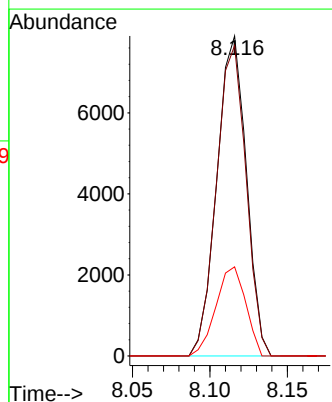
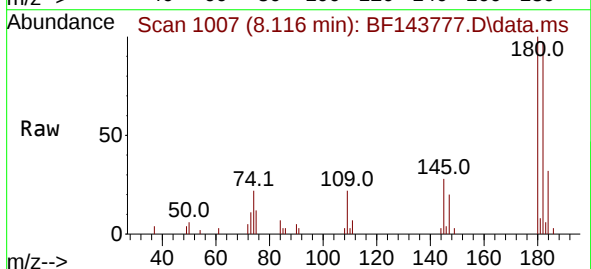
Instrument :
BNA_F
ClientSampleId :
PB169696BS

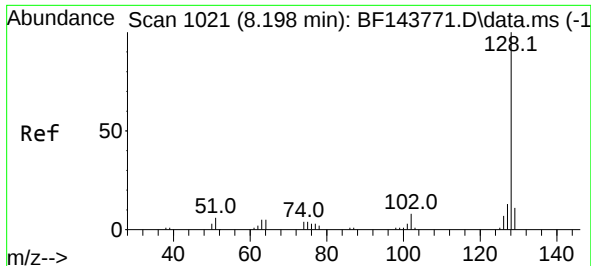
Tgt Ion:162	Resp:	9886
Ion Ratio	Lower	Upper
162	100	
164	60.6	45.6 85.6
98	34.6	13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 44.577 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:180	Resp:	10442
Ion Ratio	Lower	Upper
180	100	
182	97.0	79.5 119.3
145	27.8	23.0 34.4

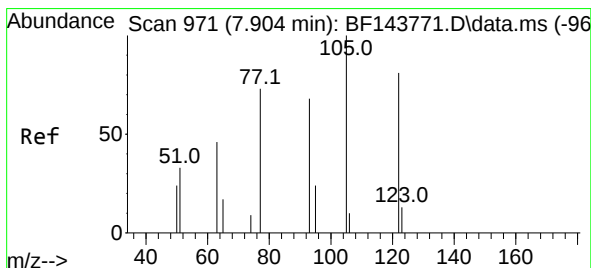
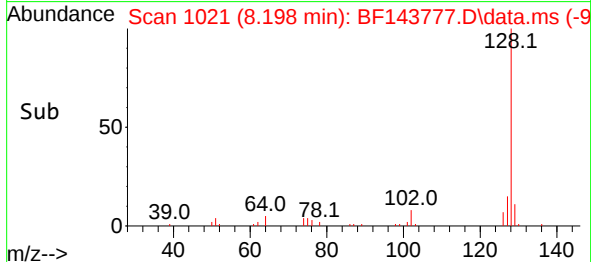
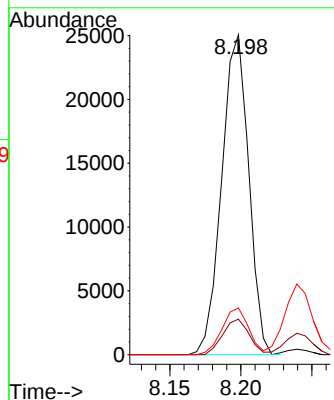
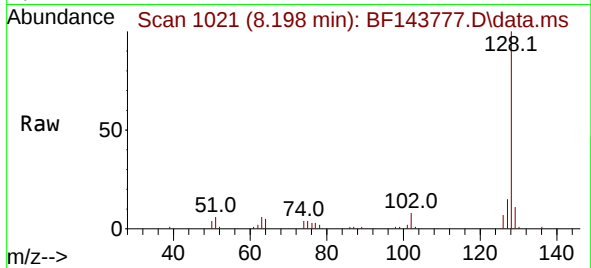




#31
Naphthalene
Concen: 43.083 ng
RT: 8.198 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

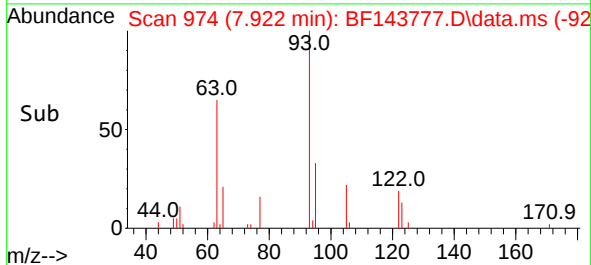
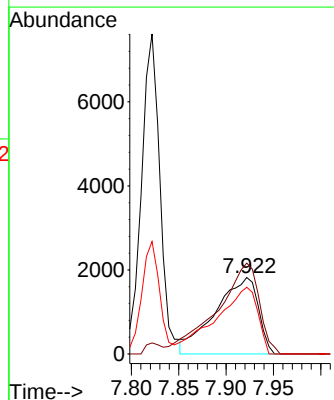
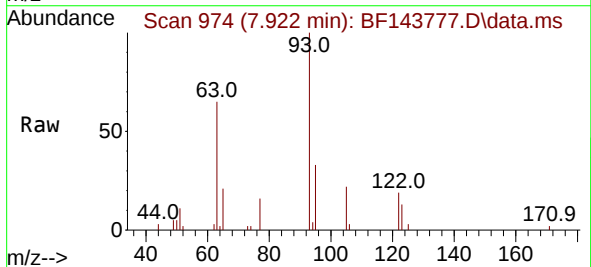
Instrument :
BNA_F
ClientSampleId :
PB169696BS

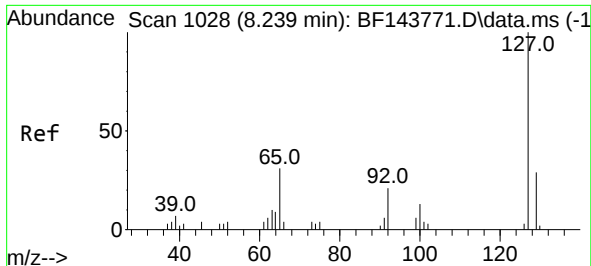
Tgt Ion:128 Resp: 33200
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.6 10.7 16.1



#32
Benzoic acid
Concen: 46.383 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.035 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

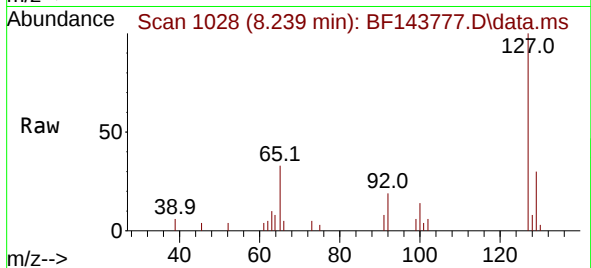
Tgt Ion:122 Resp: 5758
Ion Ratio Lower Upper
122 100
105 118.8 96.8 136.8
77 87.1 59.1 99.1



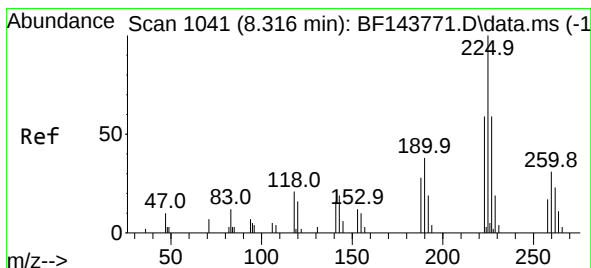
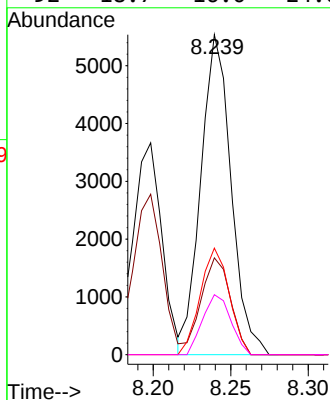
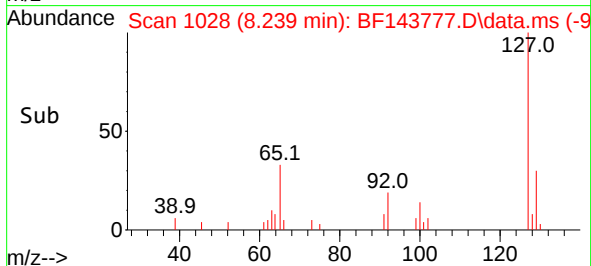


#33
4-Chloroaniline
Concen: 29.247 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

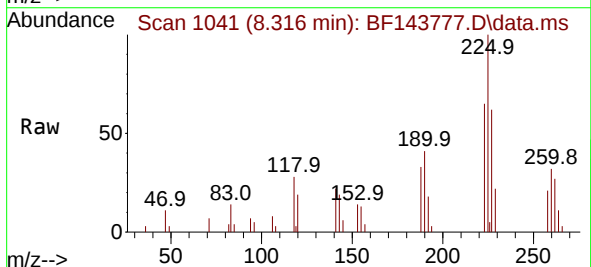
Instrument :
BNA_F
ClientSampleId :
PB169696BS



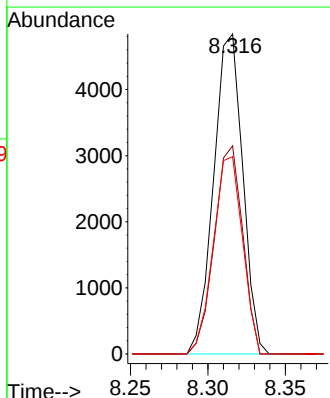
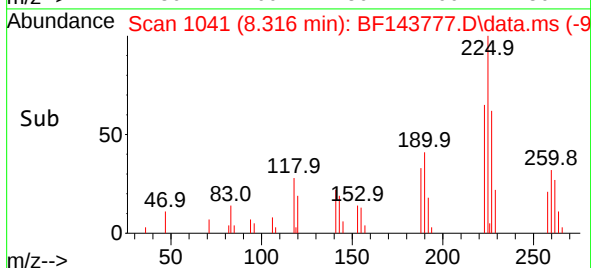
Tgt Ion:	127	Resp:	7518
Ion	Ratio	Lower	Upper
127	100		
129	30.3	24.3	36.5
65	33.3	24.0	36.0
92	18.7	16.0	24.0

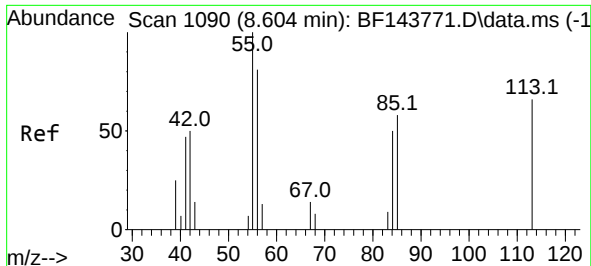


#34
Hexachlorobutadiene
Concen: 42.081 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22



Tgt Ion:	225	Resp:	6320
Ion	Ratio	Lower	Upper
225	100		
223	65.1	47.1	70.7
227	61.7	47.0	70.6

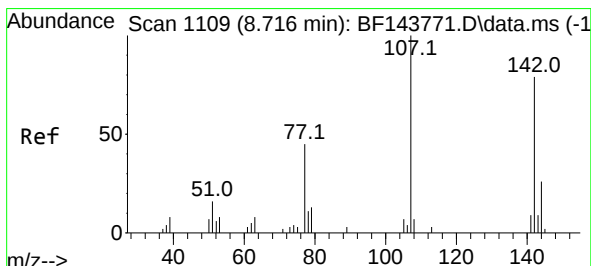
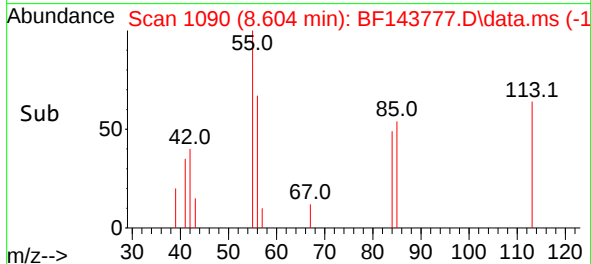
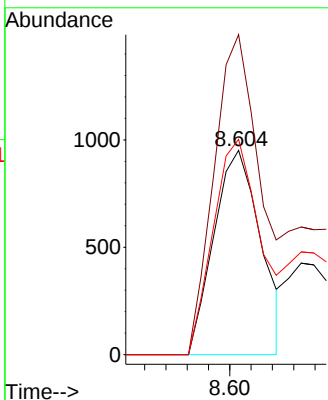
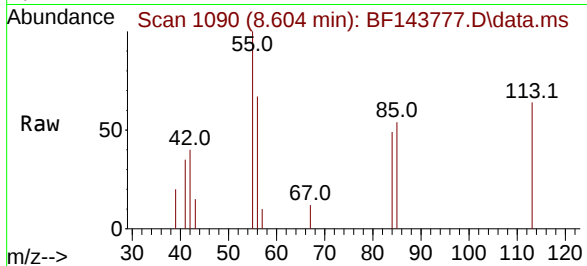




#35
 Caprolactam
 Concen: 27.763 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.041 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

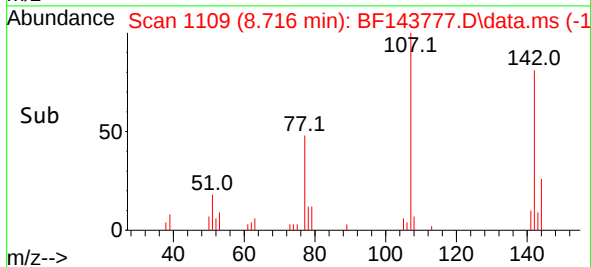
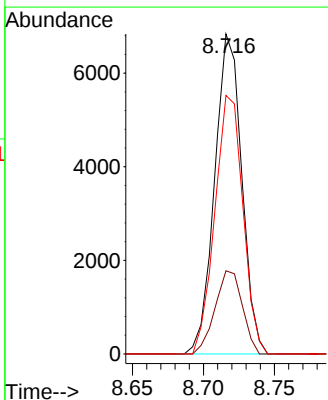
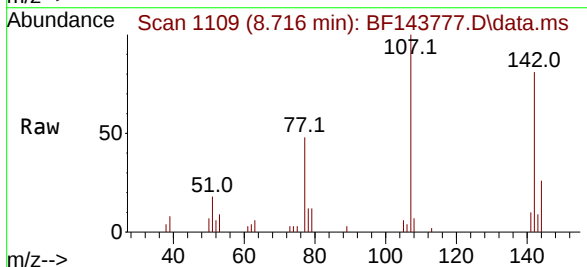
Instrument :
 BNA_F
 ClientSampleId :
 PB169696BS

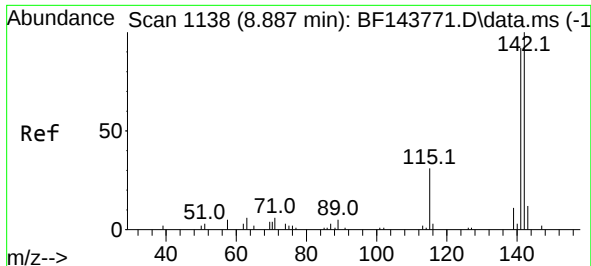
Tgt Ion:113 Resp: 1454
 Ion Ratio Lower Upper
 113 100
 55 156.7 132.6 172.6
 56 105.5 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.180 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

Tgt Ion:107 Resp: 9062
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.2 31.8
 142 80.8 63.0 94.6





#37

2-Methylnaphthalene

Concen: 37.828 ng

RT: 8.886 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

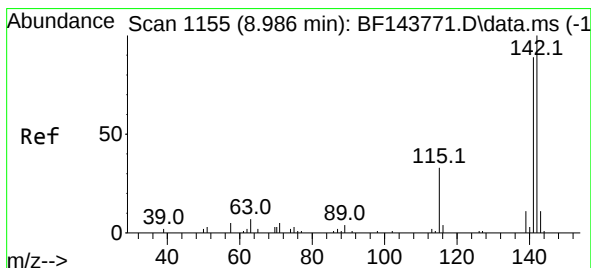
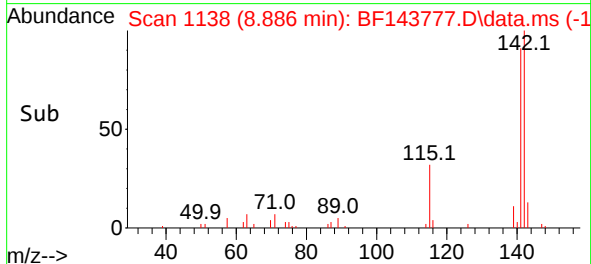
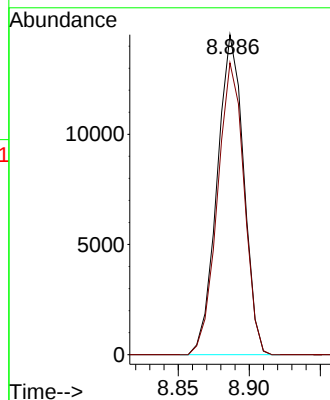
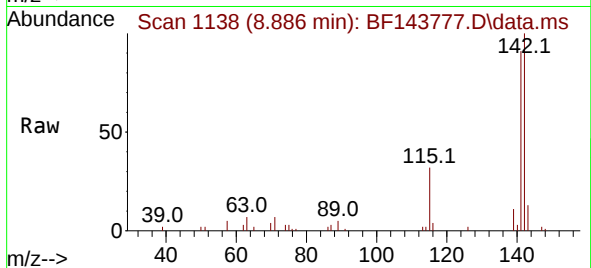
PB169696BS

Tgt Ion:142 Resp: 18842

Ion Ratio Lower Upper

142 100

141 91.2 74.0 111.0



#38

1-Methylnaphthalene

Concen: 41.476 ng

RT: 8.986 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF143777.D

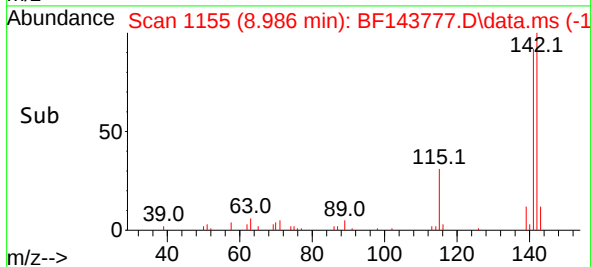
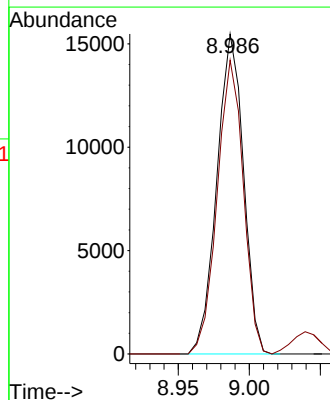
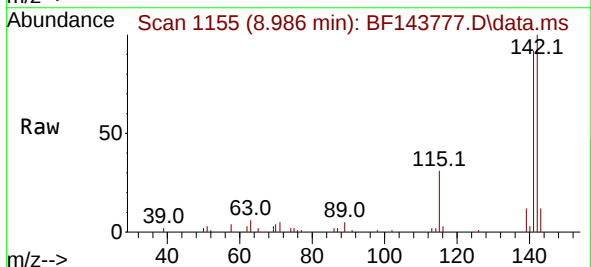
Acq: 16 Sep 2025 17:22

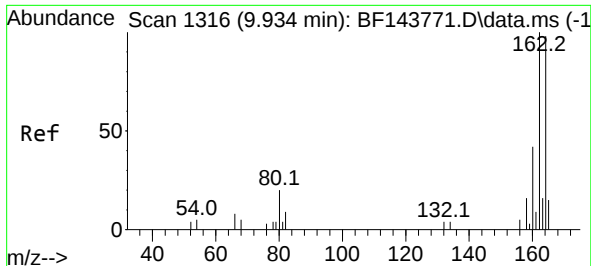
Tgt Ion:142 Resp: 20166

Ion Ratio Lower Upper

142 100

141 91.8 71.4 107.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF143777.D

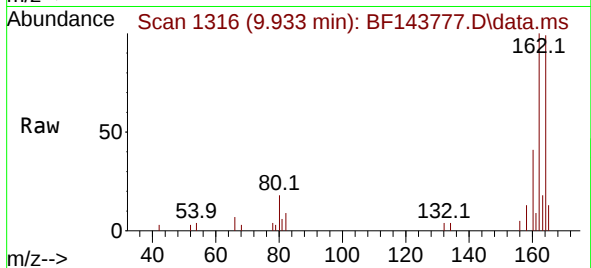
Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS



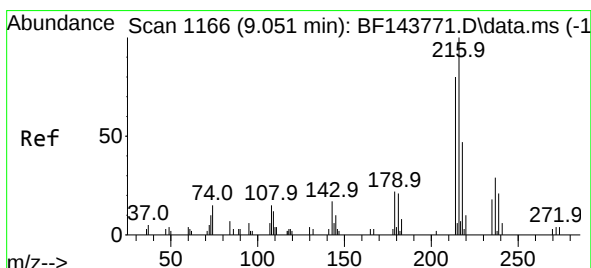
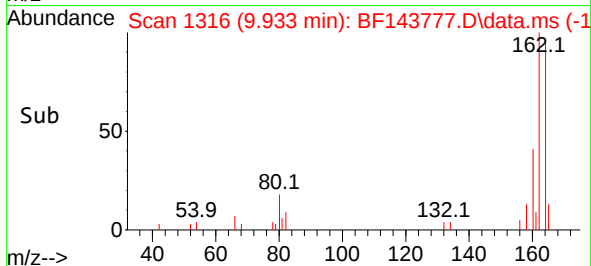
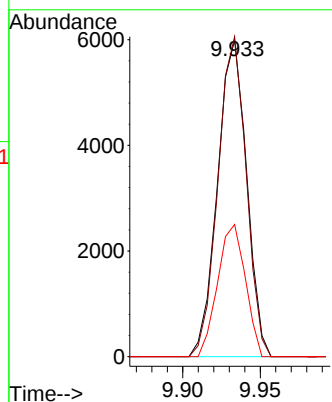
Tgt Ion:164 Resp: 7826

Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

160 41.7 33.9 50.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.899 ng

RT: 9.051 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Tgt Ion:216 Resp: 10599

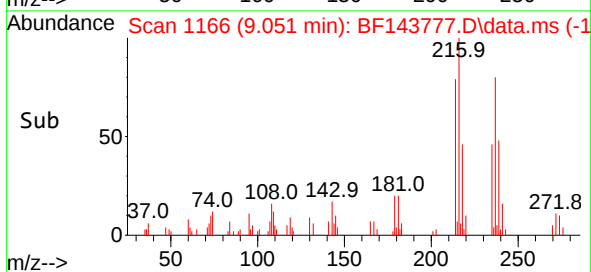
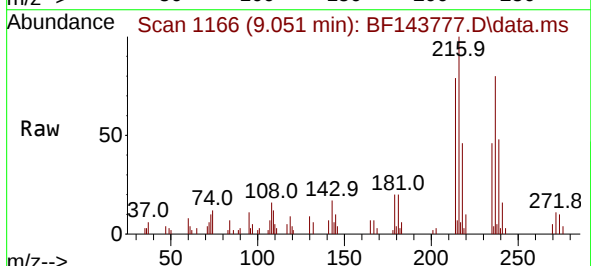
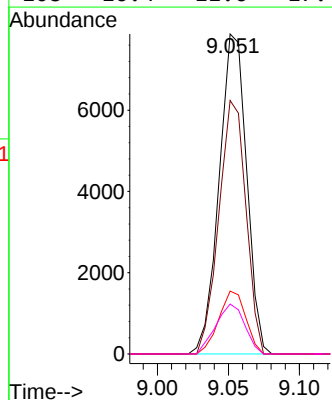
Ion Ratio Lower Upper

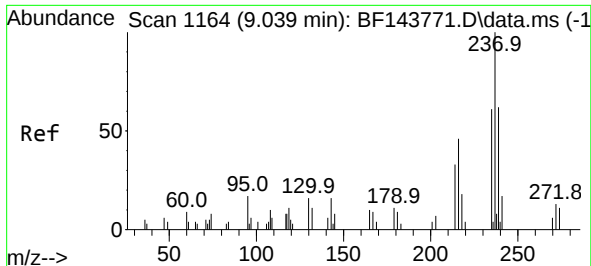
216 100

214 77.7 62.9 94.3

179 19.3 17.3 25.9

108 16.4 11.6 17.4

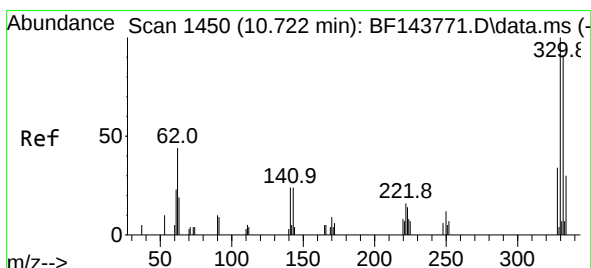
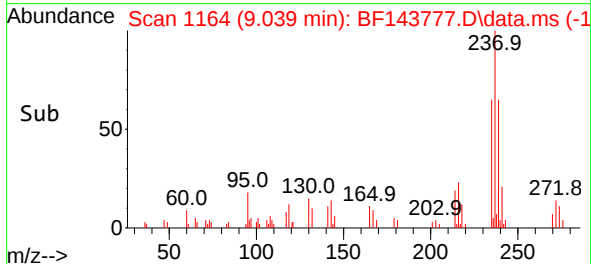
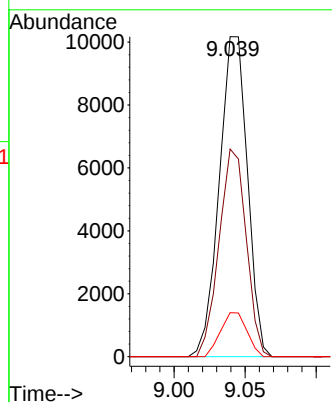
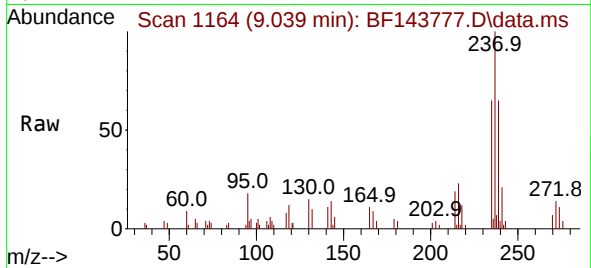




#41
Hexachlorocyclopentadiene
Concen: 108.933 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

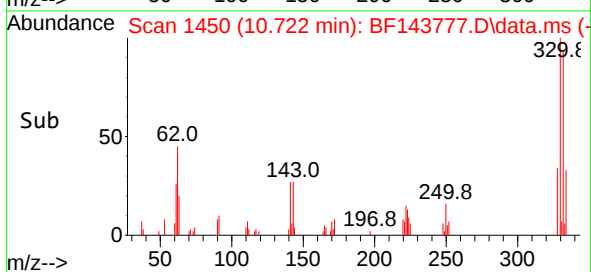
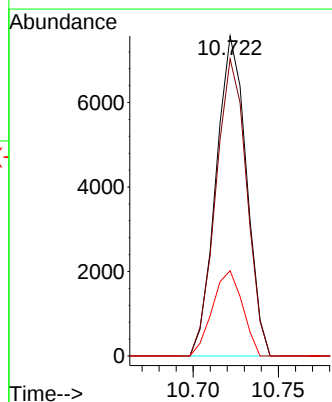
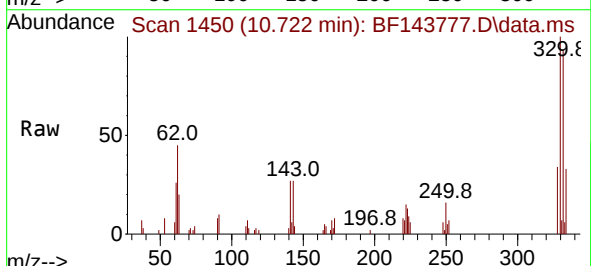
Instrument :
BNA_F
ClientSampleId :
PB169696BS

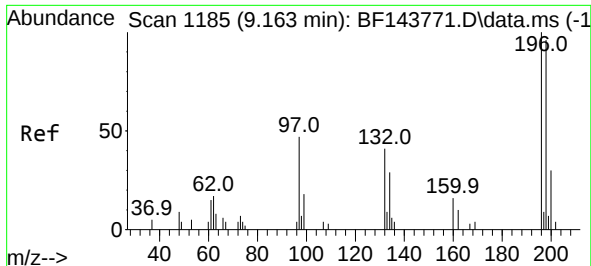
Tgt Ion:	237	Resp:	14052
Ion Ratio	Lower	Upper	
237	100		
235	64.9	40.8	80.8
272	13.7	0.0	33.5



#42
2,4,6-Tribromophenol
Concen: 118.922 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:	330	Resp:	9387
Ion Ratio	Lower	Upper	
330	100		
332	94.1	72.0	108.0
141	26.3	20.3	30.5

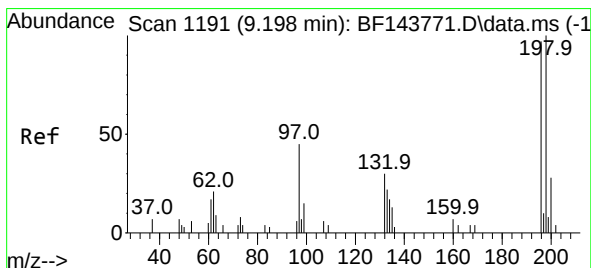
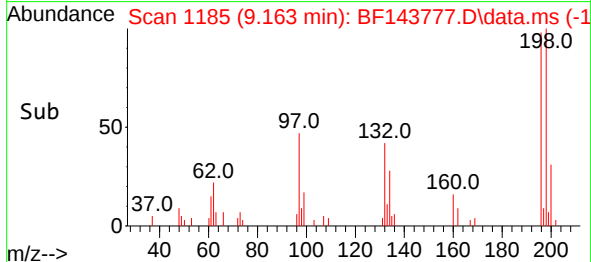
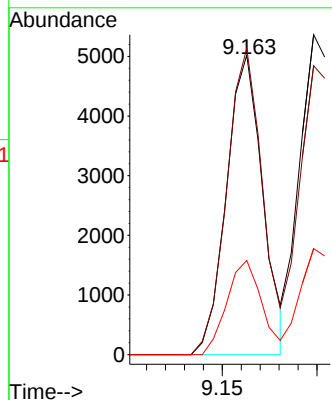
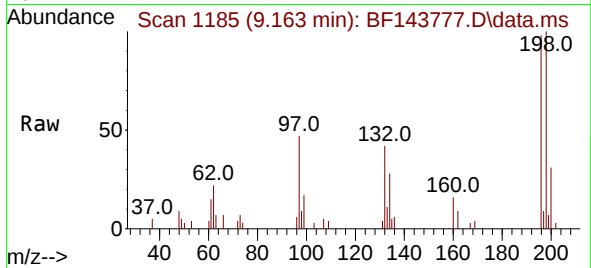




#43
2,4,6-Trichlorophenol
Concen: 41.789 ng
RT: 9.163 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

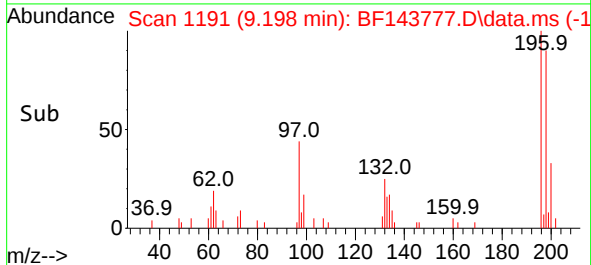
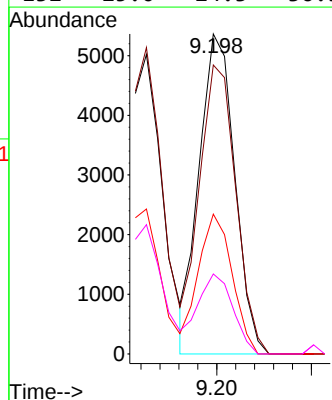
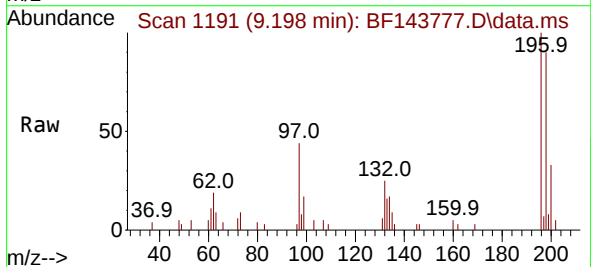
Instrument :
BNA_F
ClientSampleId :
PB169696BS

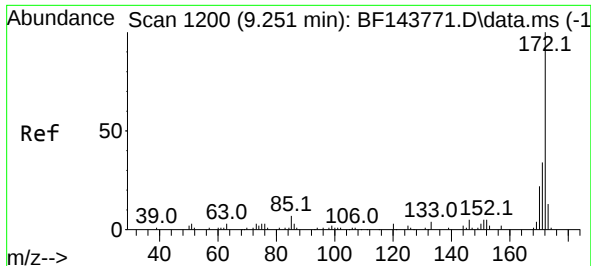
Tgt Ion:196 Resp: 6659
Ion Ratio Lower Upper
196 100
198 102.3 76.9 115.3
200 31.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 43.987 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:196 Resp: 7002
Ion Ratio Lower Upper
196 100
198 90.3 80.8 121.2
97 43.7 36.6 54.8
132 25.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 83.957 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

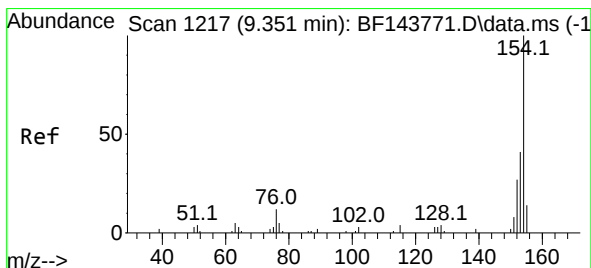
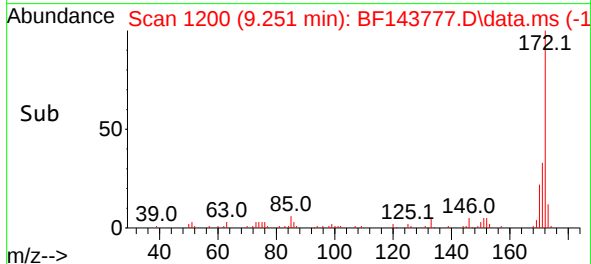
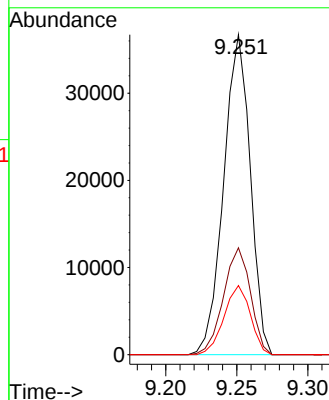
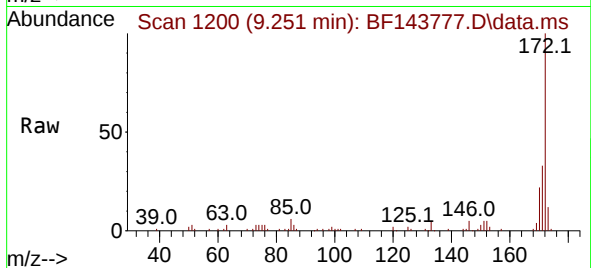
Tgt Ion:172 Resp: 47728

Ion Ratio Lower Upper

172 100

171 33.4 27.5 41.3

170 21.6 17.7 26.5



#46

1,1'-Biphenyl

Concen: 44.142 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

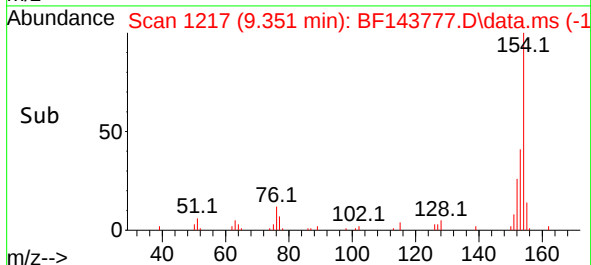
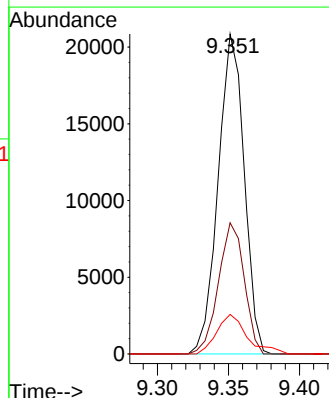
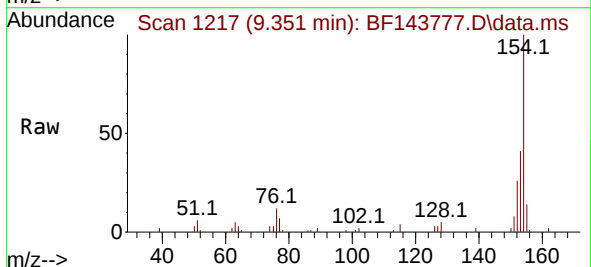
Tgt Ion:154 Resp: 26541

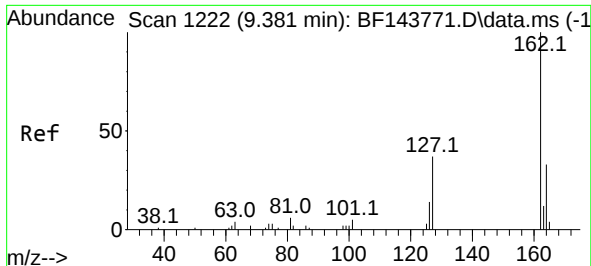
Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

76 12.4 0.0 32.1





#47

2-Chloronaphthalene

Concen: 42.970 ng

RT: 9.375 min Scan# 1221

Delta R.T. -0.012 min

Lab File: BF143777.D

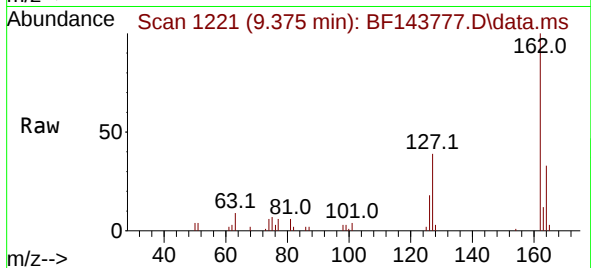
Acq: 16 Sep 2025 17:22

Instrument :

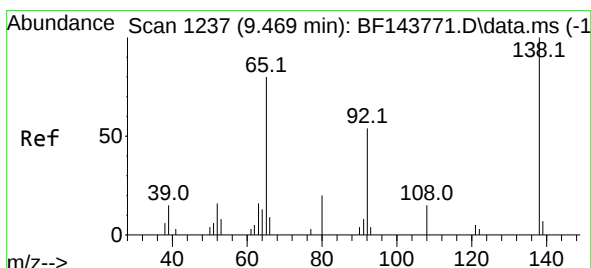
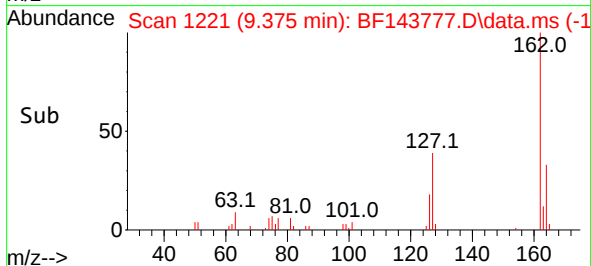
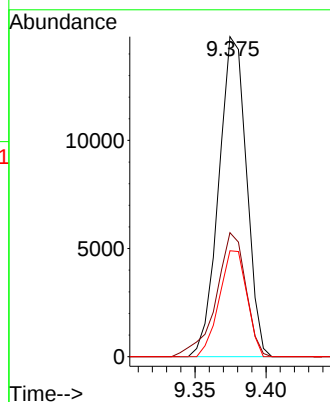
BNA_F

ClientSampleId :

PB169696BS



Tgt Ion:	162	Resp:	20110
Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.5	47.3
164	33.1	26.0	39.0



#48

2-Nitroaniline

Concen: 43.799 ng

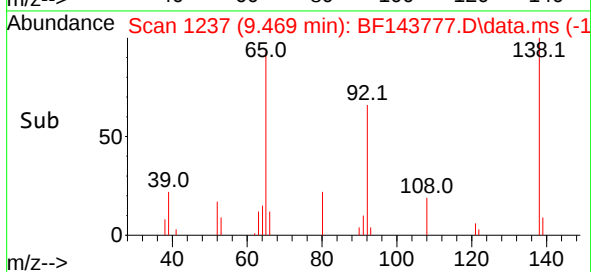
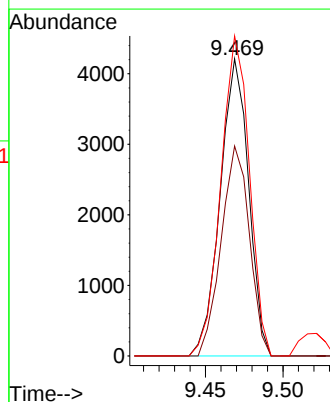
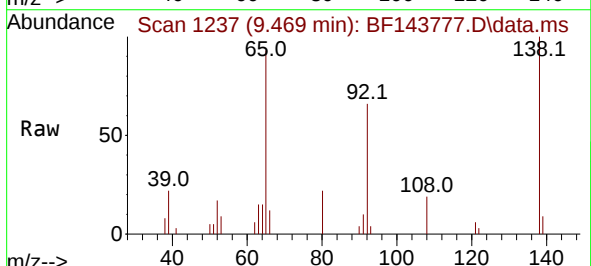
RT: 9.469 min Scan# 1237

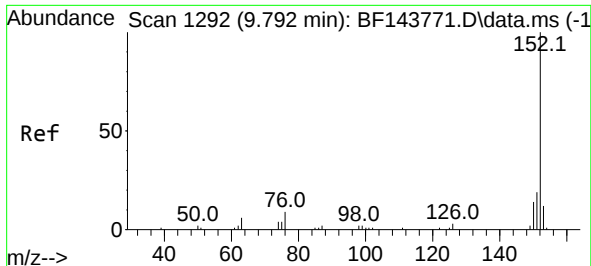
Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

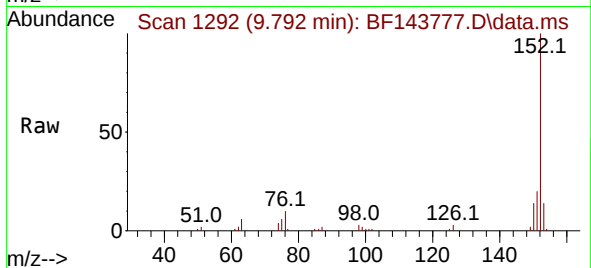
Tgt Ion:	65	Resp:	5371
Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.6	81.8
138	107.7	100.4	150.6



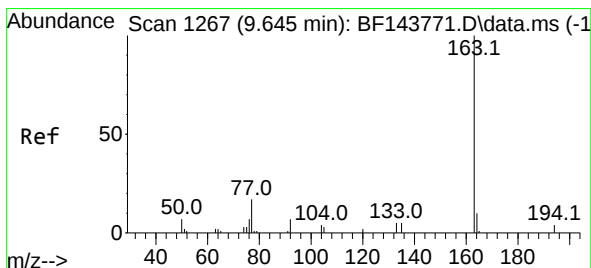
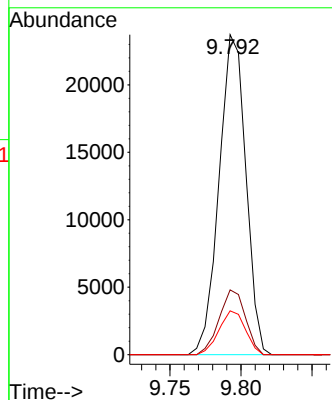
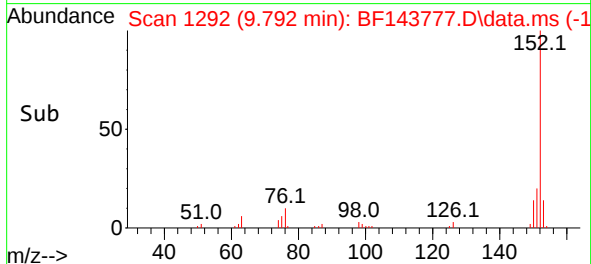


#49
Acenaphthylene
Concen: 47.278 ng
RT: 9.792 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

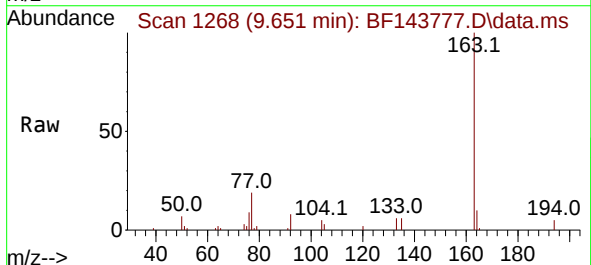
Instrument :
BNA_F
ClientSampleId :
PB169696BS



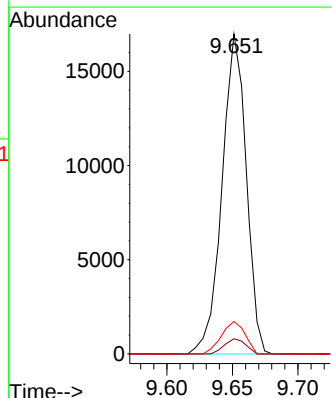
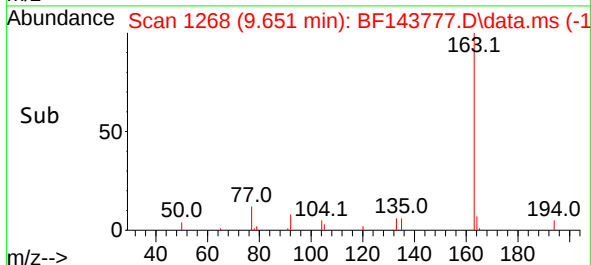
Tgt Ion:152 Resp: 31095
Ion Ratio Lower Upper
152 100
151 20.2 15.1 22.7
153 13.7 9.8 14.8

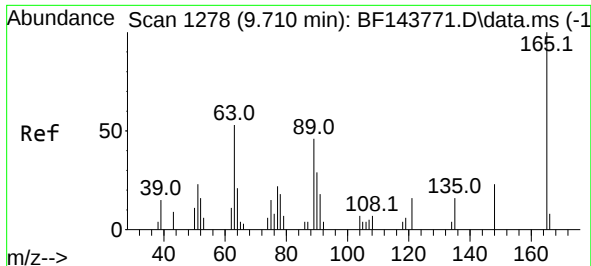


#50
Dimethylphthalate
Concen: 42.346 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22



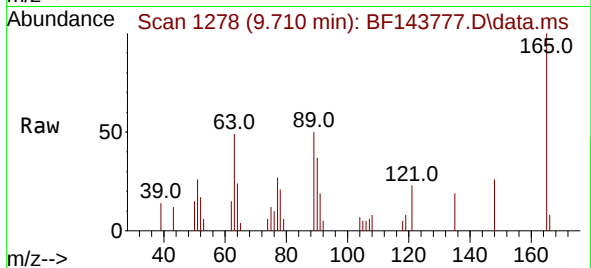
Tgt Ion:163 Resp: 21781
Ion Ratio Lower Upper
163 100
194 4.7 3.0 4.6#
164 10.2 7.8 11.6



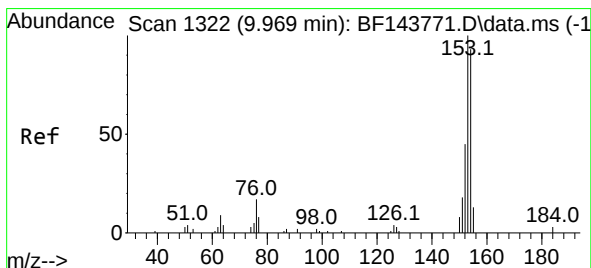
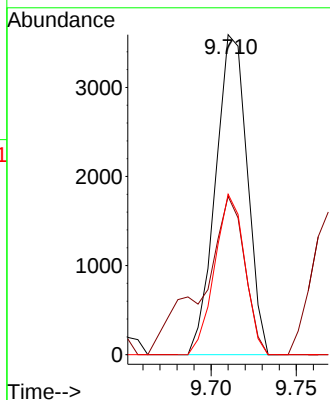
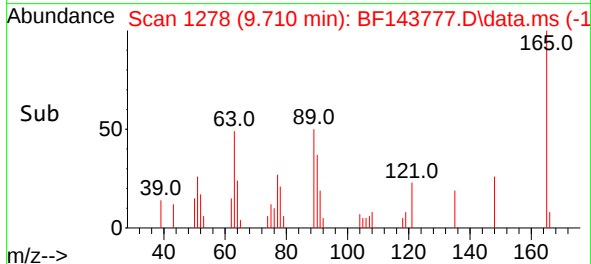


#51
2,6-Dinitrotoluene
Concen: 43.760 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Instrument :
BNA_F
ClientSampleId :
PB169696BS

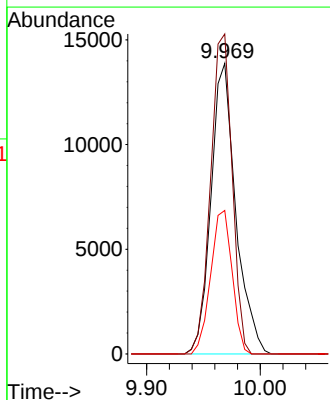
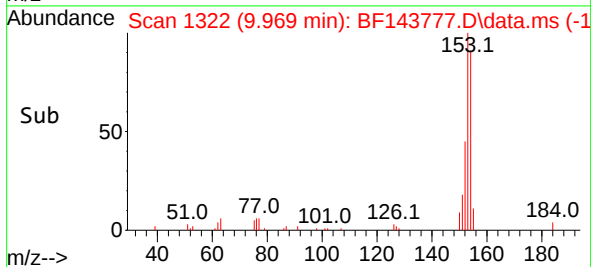
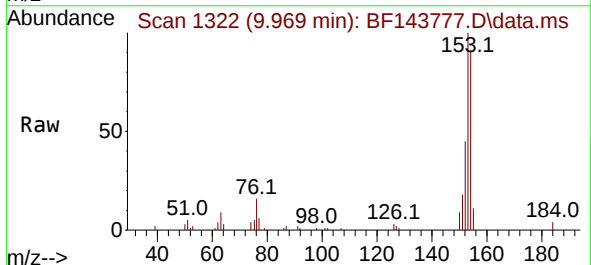


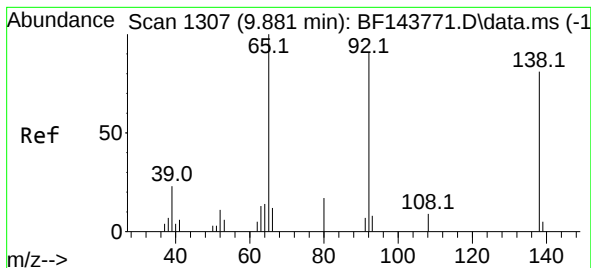
Tgt Ion:165 Resp: 4640
Ion Ratio Lower Upper
165 100
63 49.5 42.5 63.7
89 50.2 36.9 55.3



#52
Acenaphthene
Concen: 47.846 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:154 Resp: 21090
Ion Ratio Lower Upper
154 100
153 110.1 85.7 128.5
152 49.4 38.7 58.1





#53

3-Nitroaniline

Concen: 29.941 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

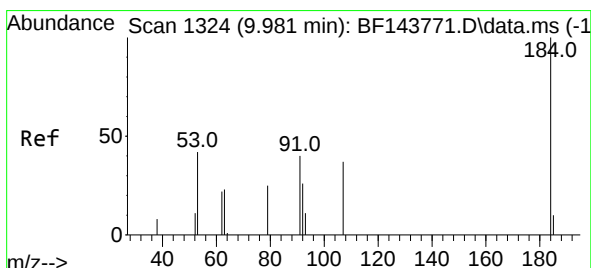
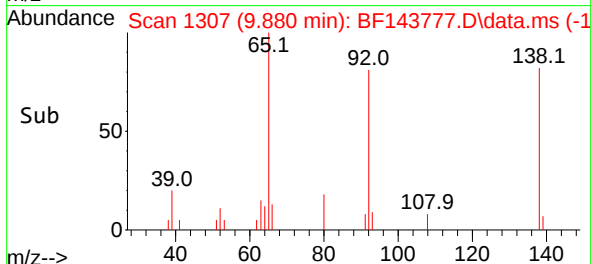
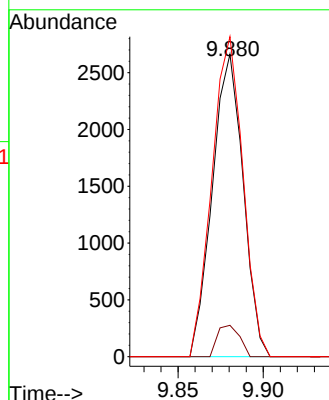
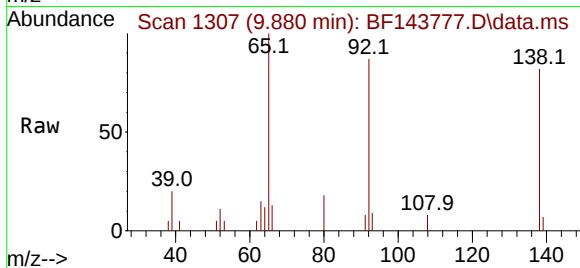
Tgt Ion:138 Resp: 3348

Ion Ratio Lower Upper

138 100

108 10.3 9.3 13.9

92 105.7 89.8 134.6



#54

2,4-Dinitrophenol

Concen: 74.159 ng

RT: 9.986 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

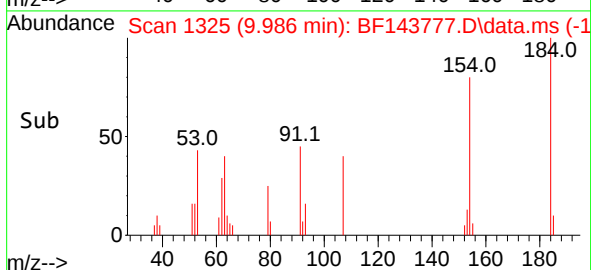
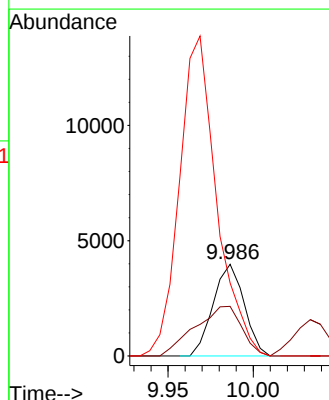
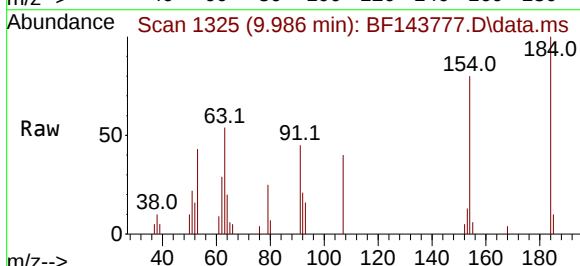
Tgt Ion:184 Resp: 5031

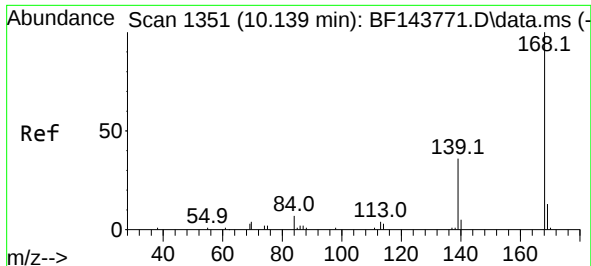
Ion Ratio Lower Upper

184 100

63 54.2 51.4 77.2

154 79.6 171.0 256.6#

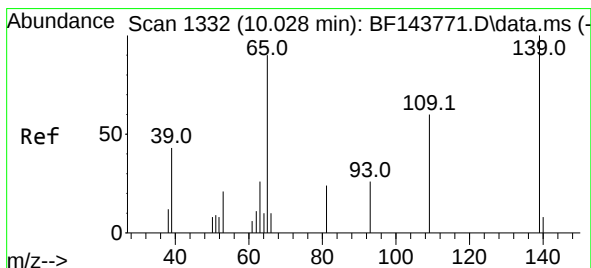
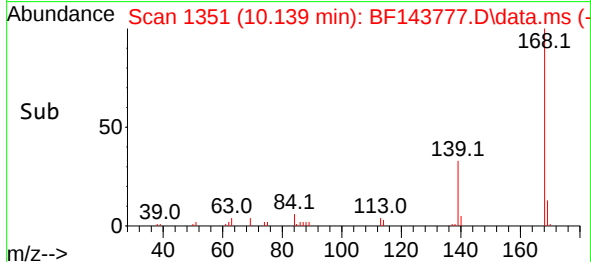
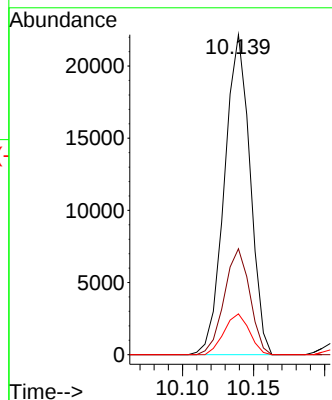
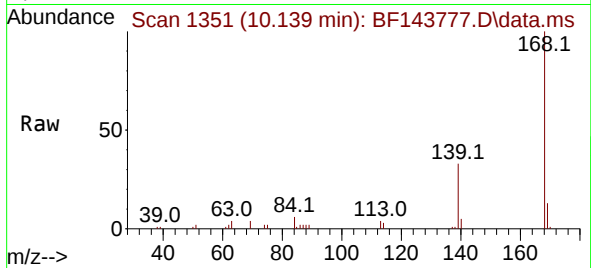




#55
Dibenzenofuran
Concen: 43.342 ng
RT: 10.139 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

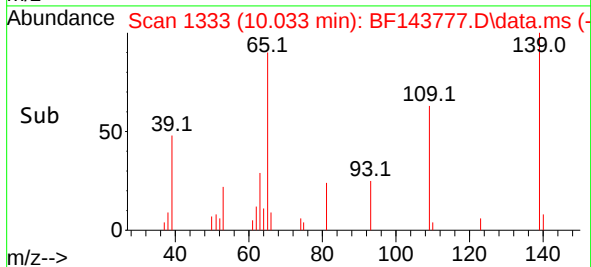
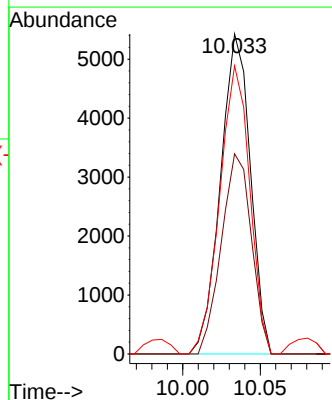
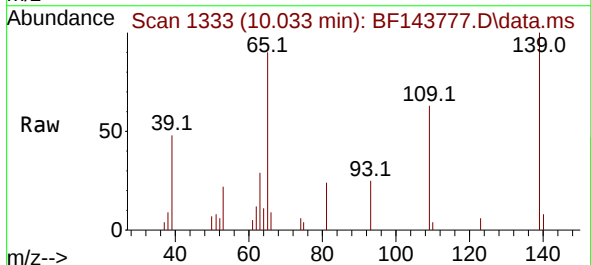
Instrument :
BNA_F
ClientSampleId :
PB169696BS

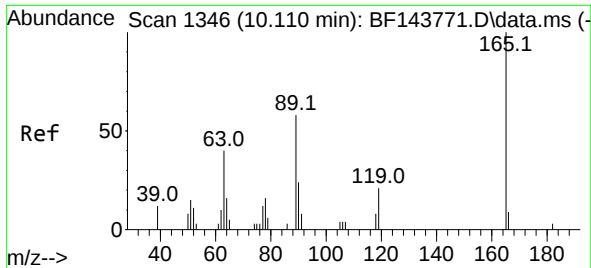
Tgt Ion:168 Resp: 27743
Ion Ratio Lower Upper
168 100
139 33.1 28.6 42.8
169 12.7 10.6 16.0



#56
4-Nitrophenol
Concen: 85.986 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:139 Resp: 7282
Ion Ratio Lower Upper
139 100
109 62.5 40.1 80.1
65 90.0 69.7 109.7

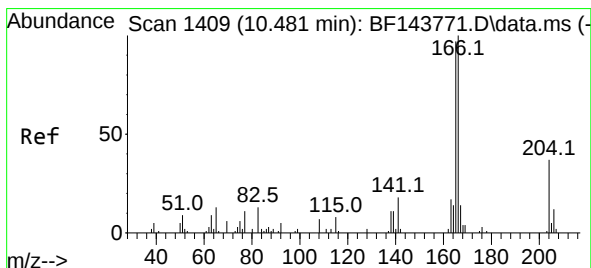
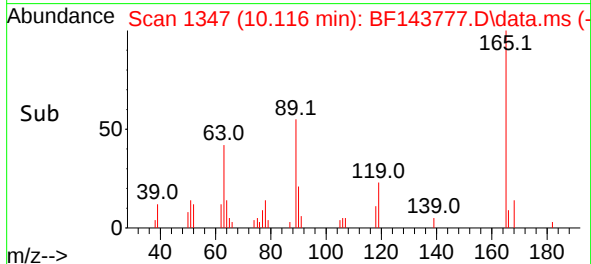
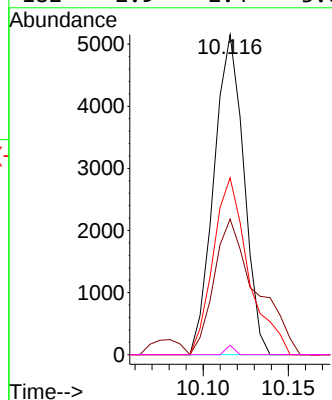
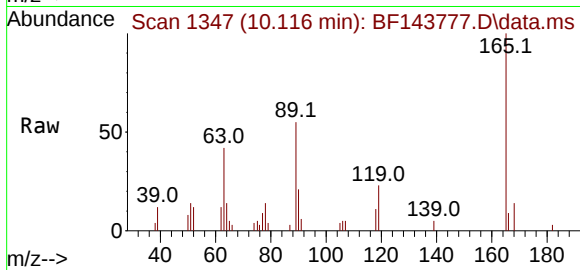




#57
2,4-Dinitrotoluene
Concen: 42.572 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

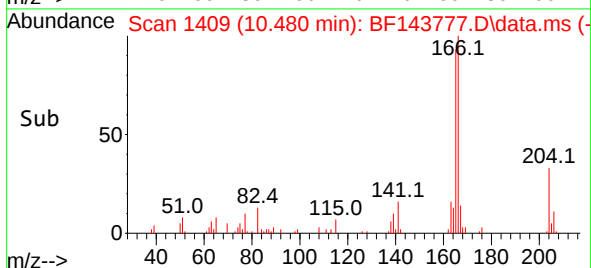
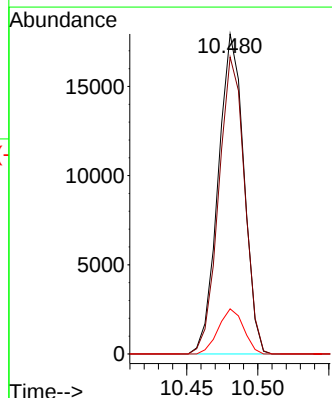
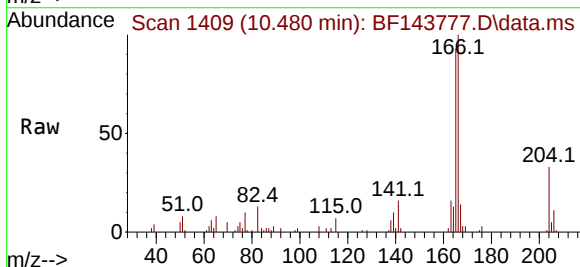
Instrument :
BNA_F
ClientSampleId :
PB169696BS

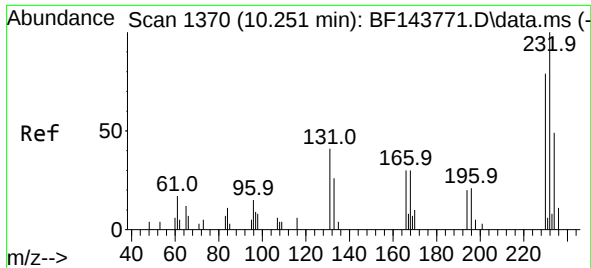
Tgt Ion:	165	Resp:	6282
Ion	Ratio	Lower	Upper
165	100		
63	42.4	32.1	48.1
89	55.2	46.4	69.6
182	2.9	2.4	3.6



#58
Fluorene
Concen: 45.096 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:	166	Resp:	22570
Ion	Ratio	Lower	Upper
166	100		
165	92.8	77.8	116.8
167	14.1	11.6	17.4

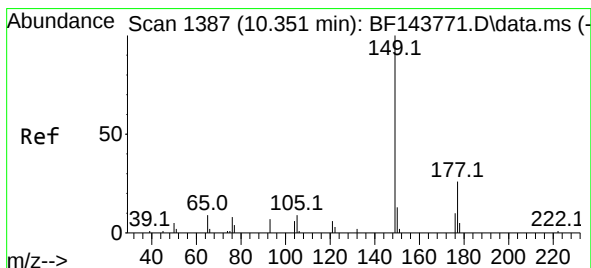
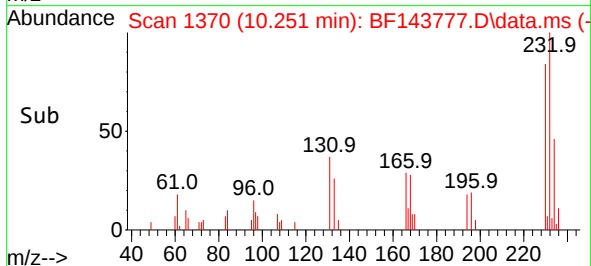
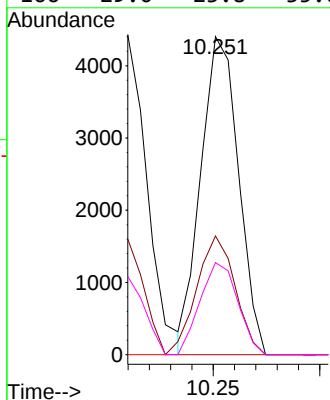
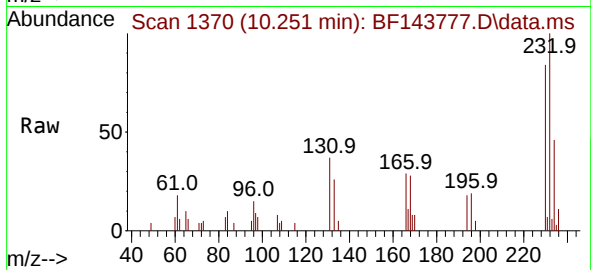




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.436 ng
RT: 10.251 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

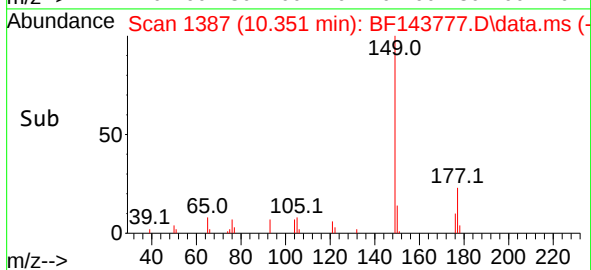
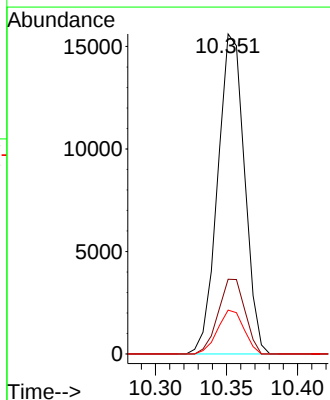
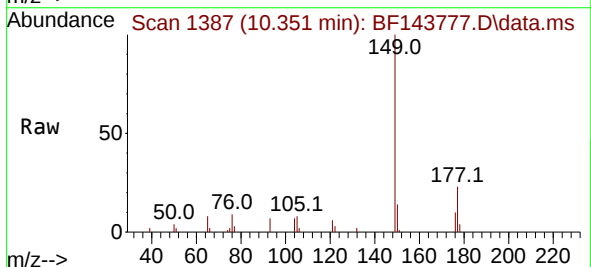
Instrument :
BNA_F
ClientSampleId :
PB169696BS

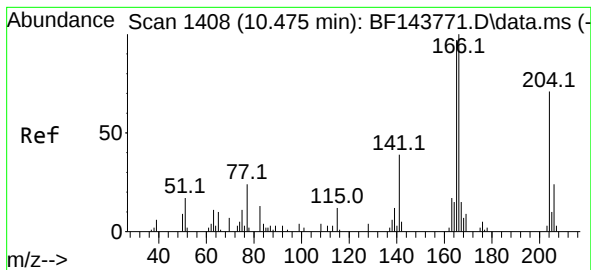
Tgt Ion:232	Resp:	5419
Ion Ratio	Lower	Upper
232	100	
131	38.0	32.9 49.3
130	0.0	0.0 0.0
166	29.0	23.8 35.6



#60
Diethylphthalate
Concen: 43.398 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:149	Resp:	20494
Ion Ratio	Lower	Upper
149	100	
177	23.4	20.4 30.6
150	13.7	10.1 15.1

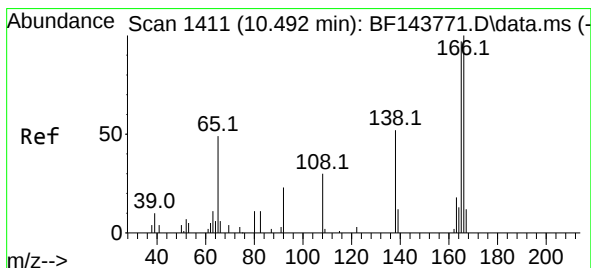
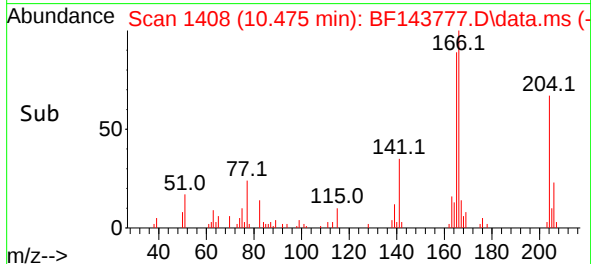
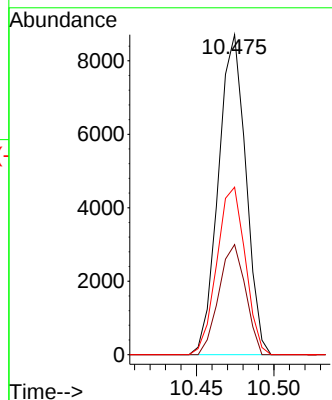
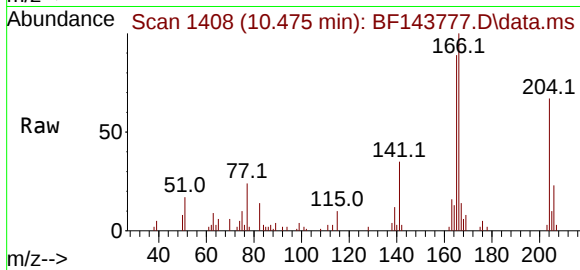




#61
4-Chlorophenyl-phenylether
Concen: 42.742 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

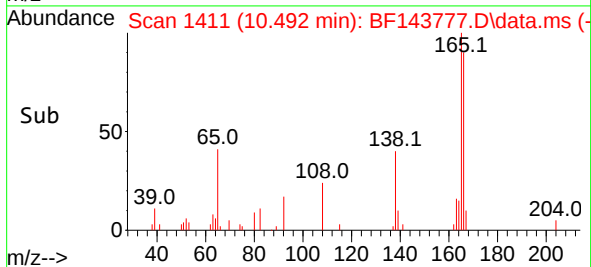
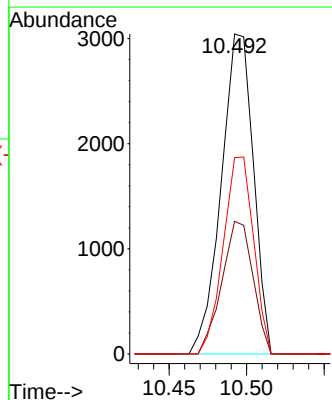
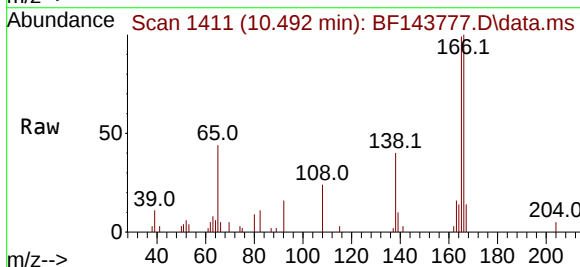
Instrument :
BNA_F
ClientSampleId :
PB169696BS

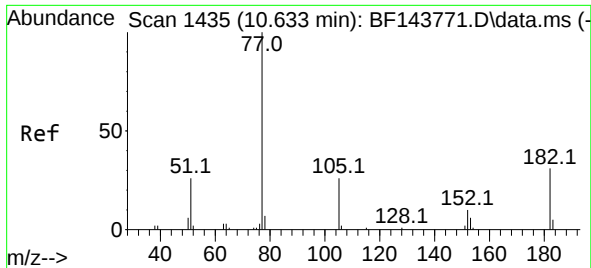
Tgt Ion:204 Resp: 10731
Ion Ratio Lower Upper
204 100
206 34.4 27.7 41.5
141 52.3 44.2 66.4



#62
4-Nitroaniline
Concen: 41.165 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:138 Resp: 4397
Ion Ratio Lower Upper
138 100
92 41.5 25.3 65.3
108 61.3 38.8 78.8

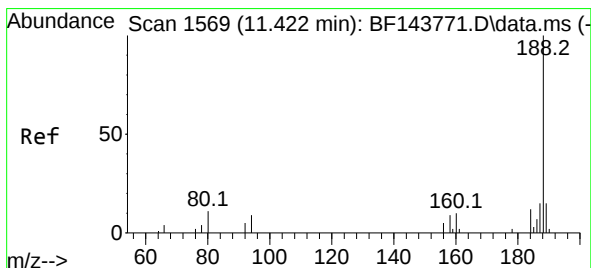
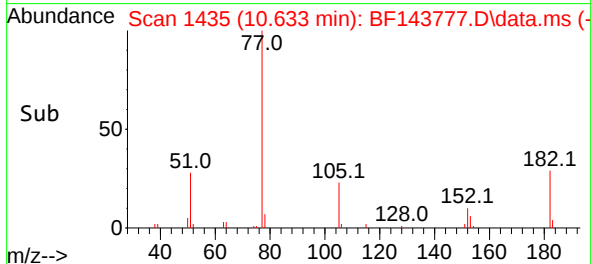
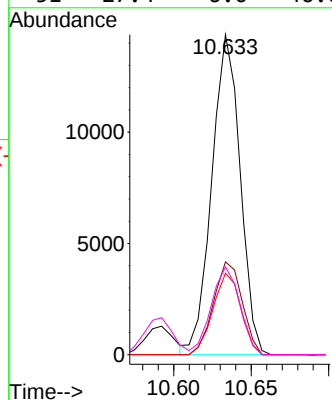
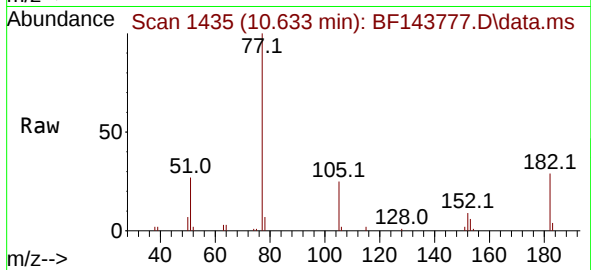




#63
Azobenzene
Concen: 43.899 ng
RT: 10.633 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

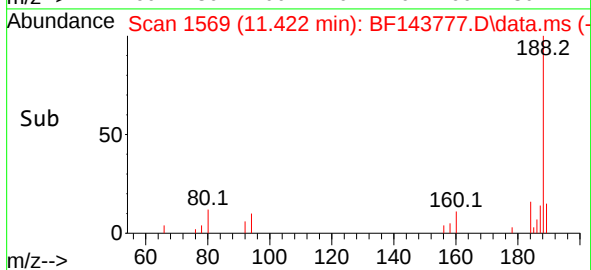
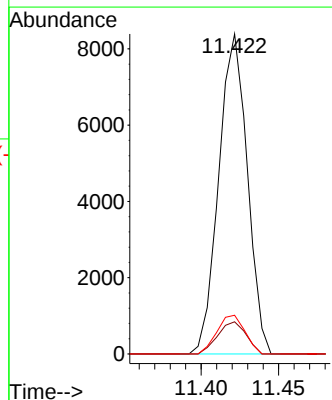
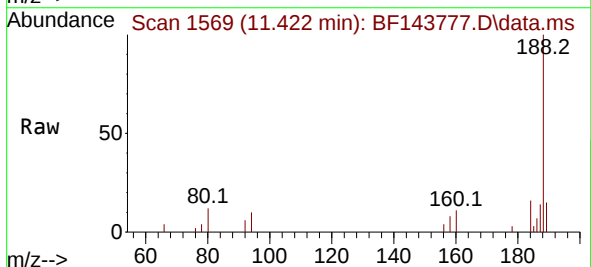
Instrument :
BNA_F
ClientSampleId :
PB169696BS

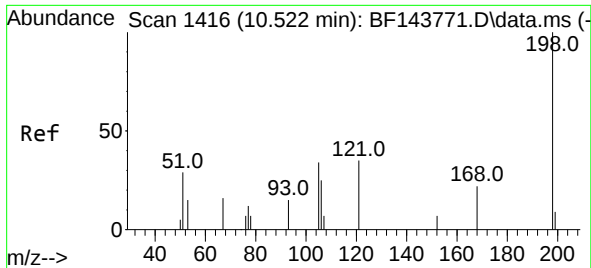
Tgt Ion: 77	Resp: 18295
Ion Ratio	Lower Upper
77 100	
182 29.0	10.7 50.7
105 25.4	6.0 46.0
51 27.4	6.0 46.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:188	Resp: 10752
Ion Ratio	Lower Upper
188 100	
94 10.0	7.5 11.3
80 12.1	8.6 13.0

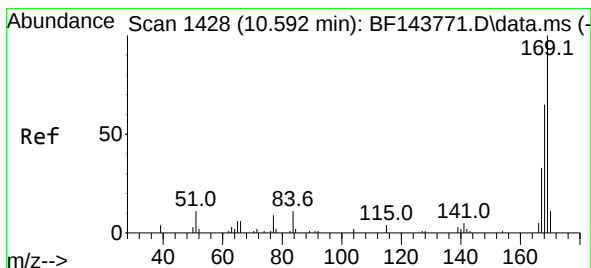
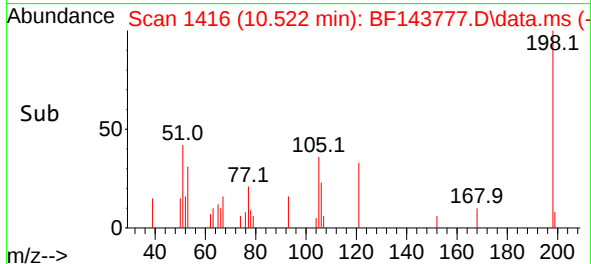
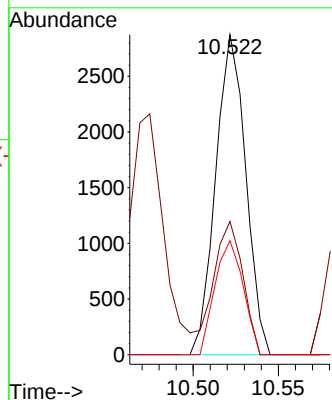
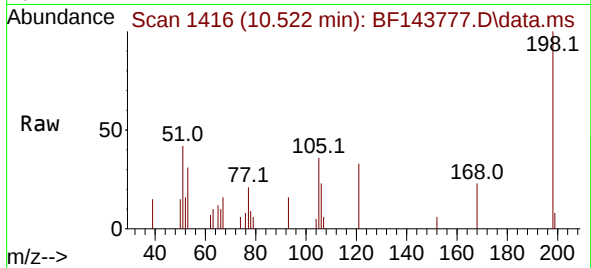




#65
4,6-Dinitro-2-methylphenol
Concen: 48.438 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.017 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

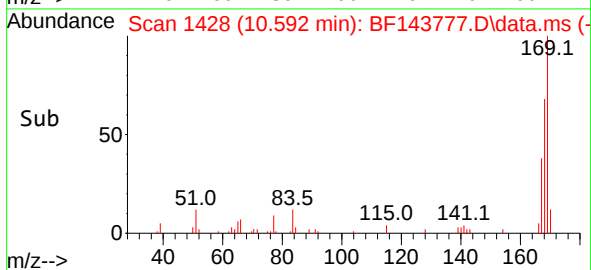
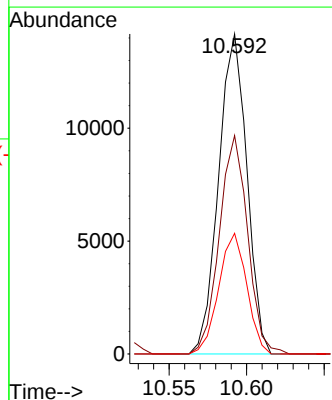
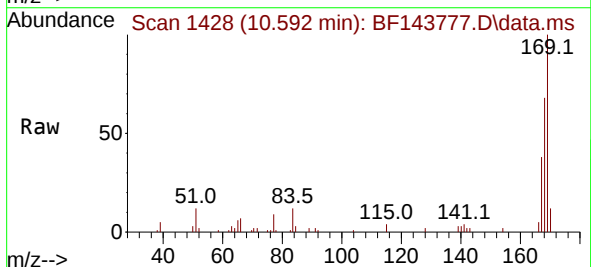
Instrument :
BNA_F
ClientSampleId :
PB169696BS

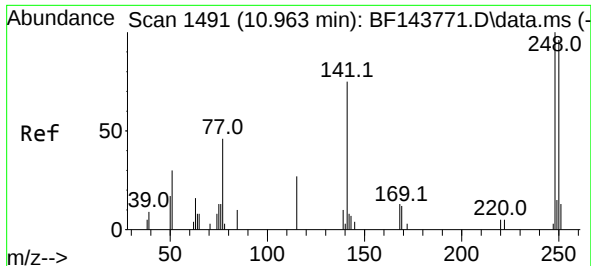
Tgt Ion:198 Resp: 3527
Ion Ratio Lower Upper
198 100
51 41.6 23.6 63.6
105 35.6 13.5 53.5



#66
n-Nitrosodiphenylamine
Concen: 47.912 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:169 Resp: 17978
Ion Ratio Lower Upper
169 100
168 68.3 52.2 78.2
167 37.7 26.6 40.0

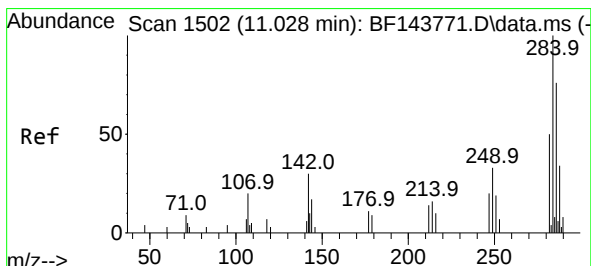
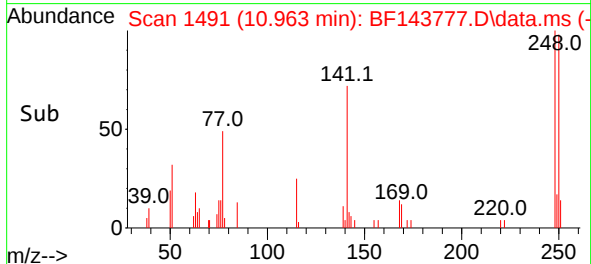
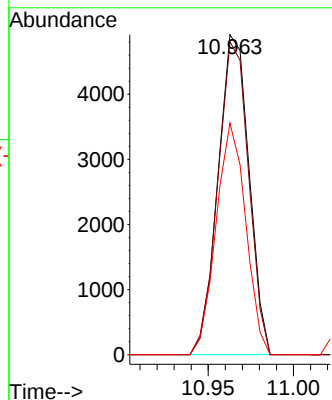
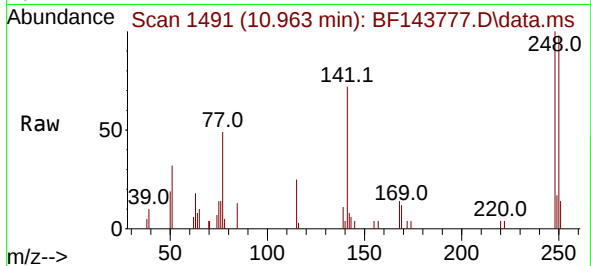




#67
4-Bromophenyl-phenylether
Concen: 46.831 ng
RT: 10.963 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

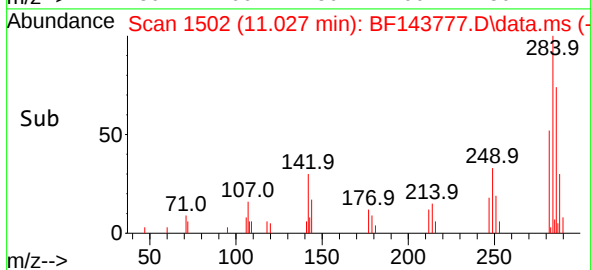
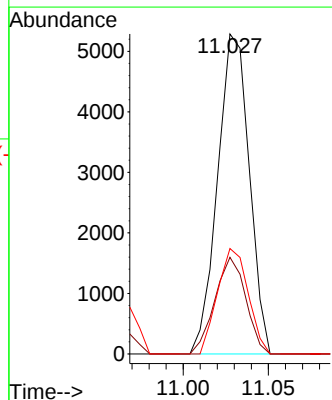
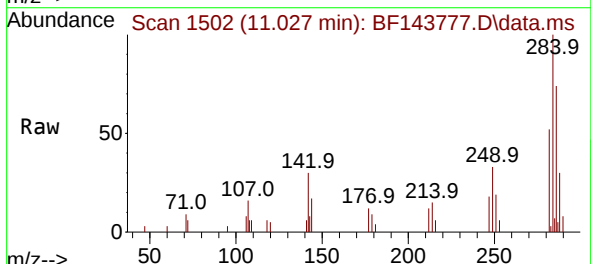
Instrument :
BNA_F
ClientSampleId :
PB169696BS

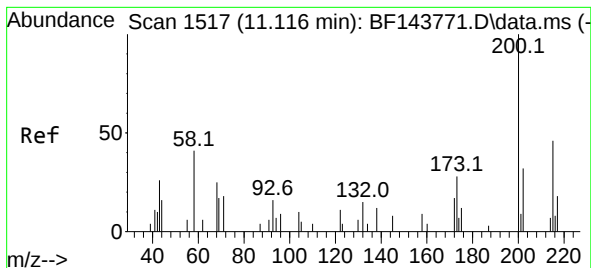
Tgt Ion:248 Resp: 6221
Ion Ratio Lower Upper
248 100
250 97.8 76.9 115.3
141 72.3 60.3 90.5



#68
Hexachlorobenzene
Concen: 48.308 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:284 Resp: 6828
Ion Ratio Lower Upper
284 100
142 30.2 24.2 36.2
249 33.0 26.2 39.4





#69

Atrazine

Concen: 49.523 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

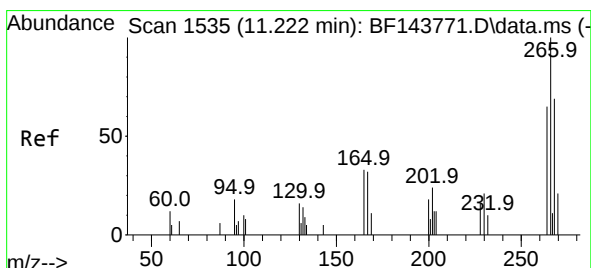
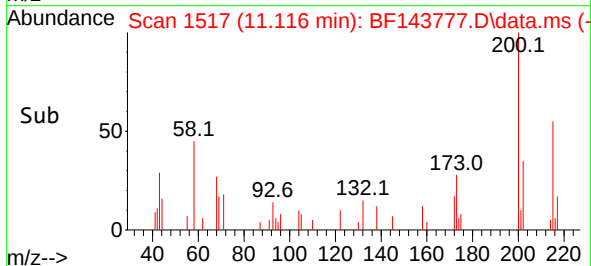
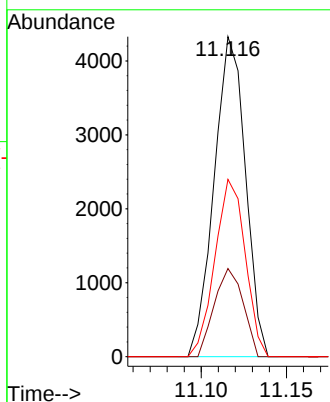
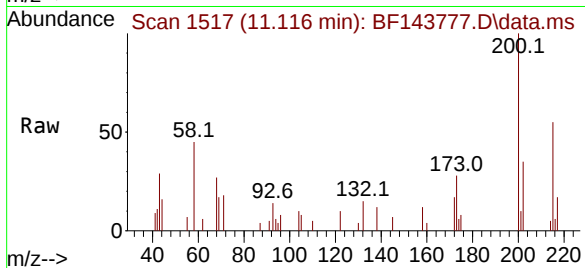
Tgt Ion:200 Resp: 5519

Ion Ratio Lower Upper

200 100

173 27.6 8.5 48.5

215 55.4 25.9 65.9



#70

Pentachlorophenol

Concen: 99.760 ng

RT: 11.222 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

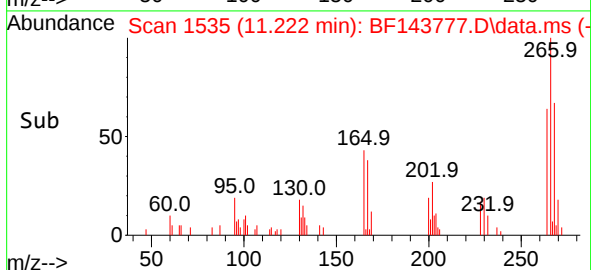
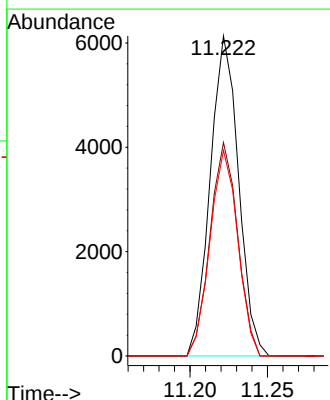
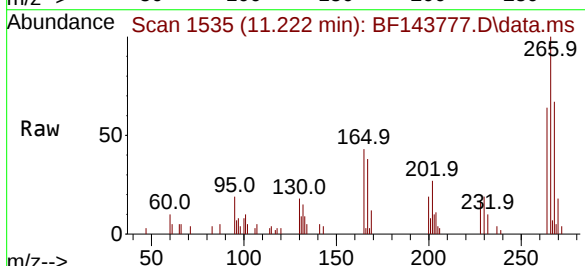
Tgt Ion:266 Resp: 7785

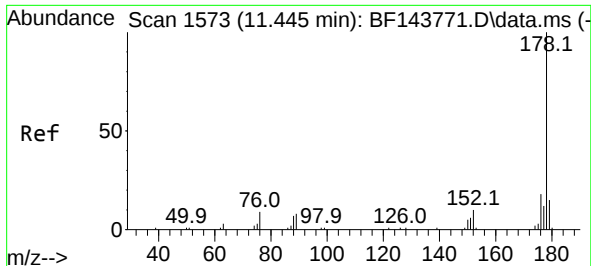
Ion Ratio Lower Upper

266 100

268 66.7 54.9 82.3

264 64.2 51.9 77.9

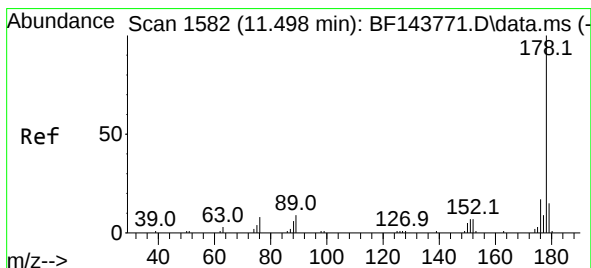
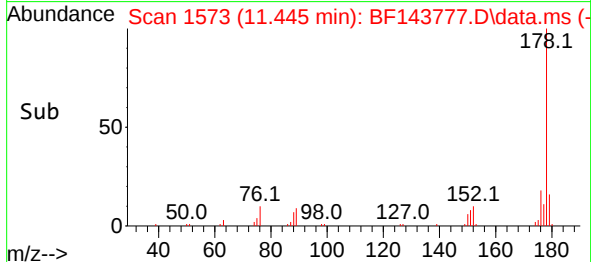
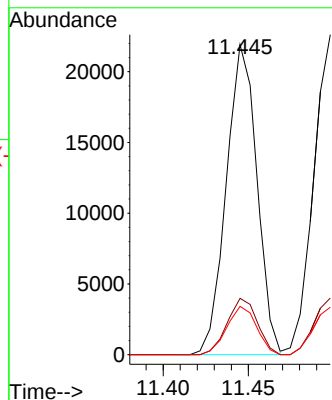
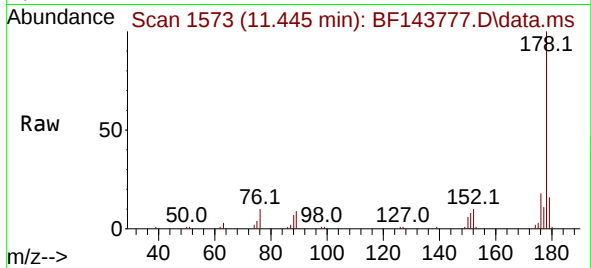




#71
Phenanthrene
Concen: 44.303 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

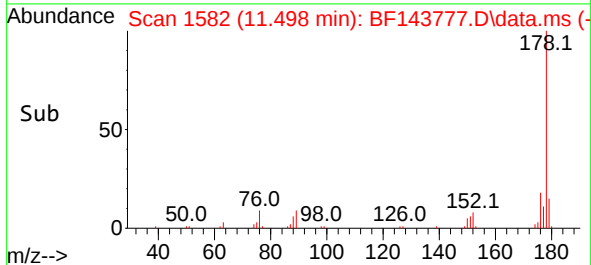
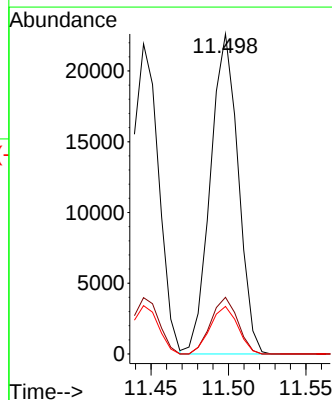
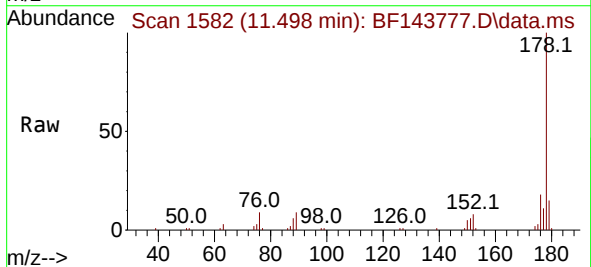
Instrument : BNA_F
ClientSampleId : PB169696BS

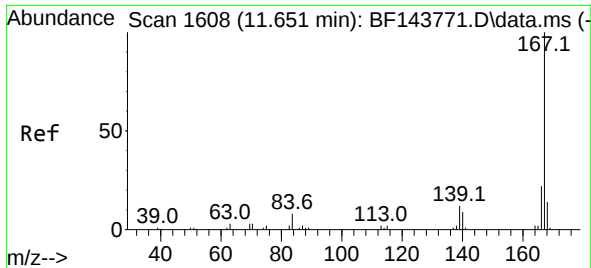
Tgt Ion:178 Resp: 27453
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 44.668 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:178 Resp: 28226
Ion Ratio Lower Upper
178 100
176 17.7 13.7 20.5
179 14.9 11.8 17.8

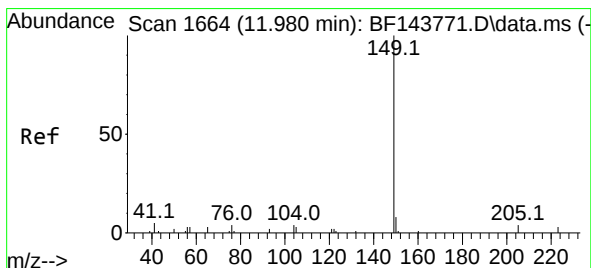
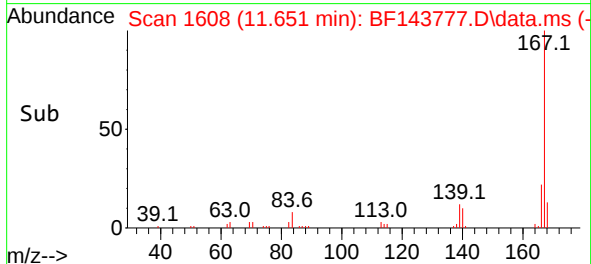
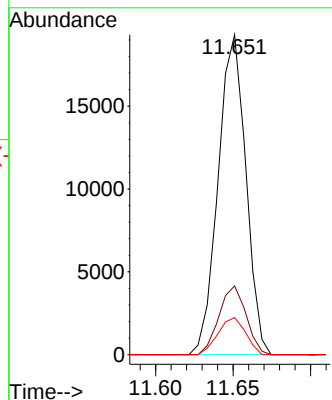
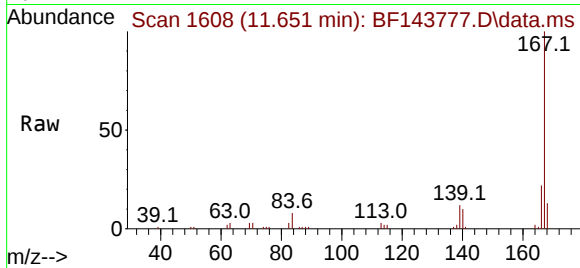




#73
 Carbazole
 Concen: 46.682 ng
 RT: 11.651 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

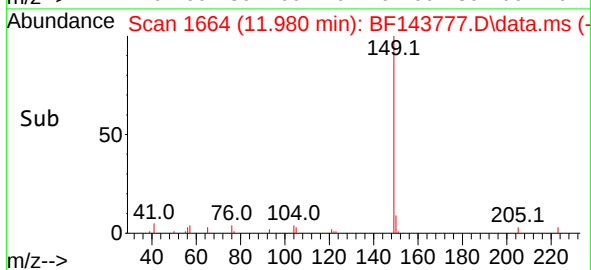
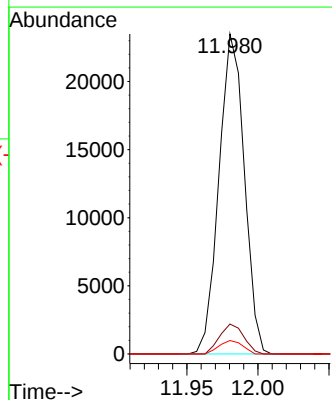
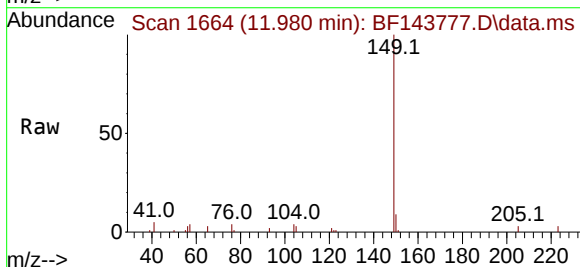
Instrument :
 BNA_F
 ClientSampleId :
 PB169696BS

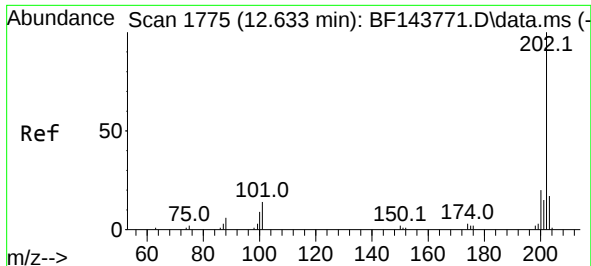
Tgt Ion:167 Resp: 24045
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 11.6 9.2 13.8



#74
 Di-n-butylphthalate
 Concen: 46.562 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.006 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

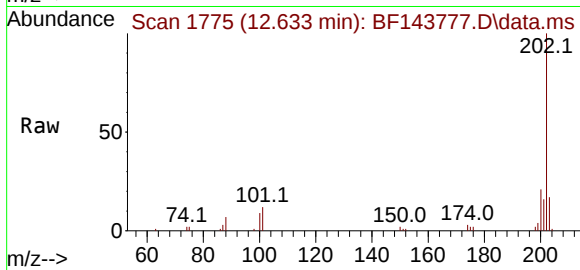
Tgt Ion:149 Resp: 29135
 Ion Ratio Lower Upper
 149 100
 150 9.3 6.6 10.0
 104 4.2 3.1 4.7



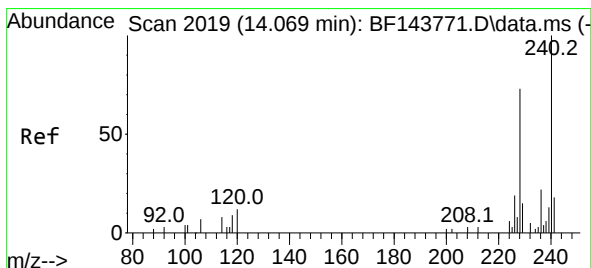
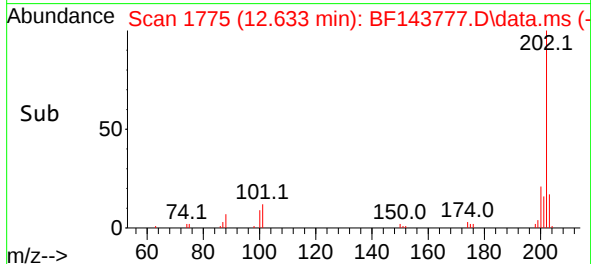
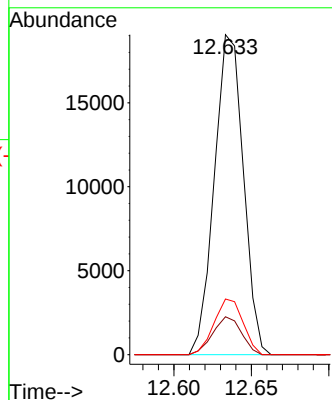


#75
Fluoranthene
Concen: 43.414 ng
RT: 12.633 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Instrument :
BNA_F
ClientSampleId :
PB169696BS

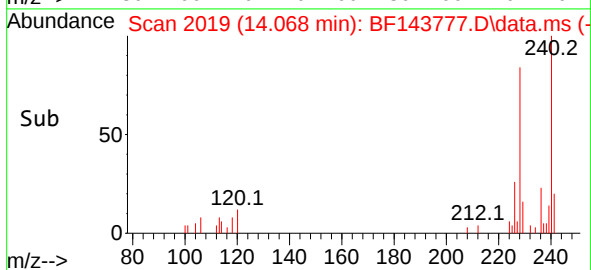
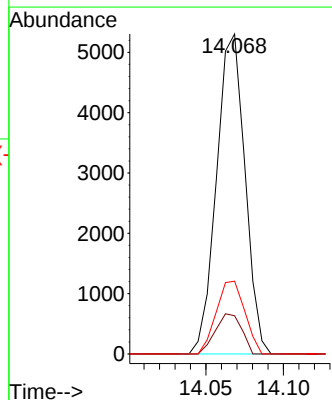
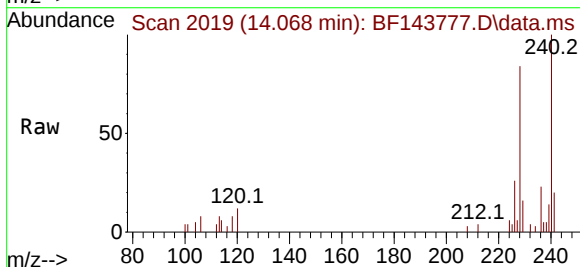


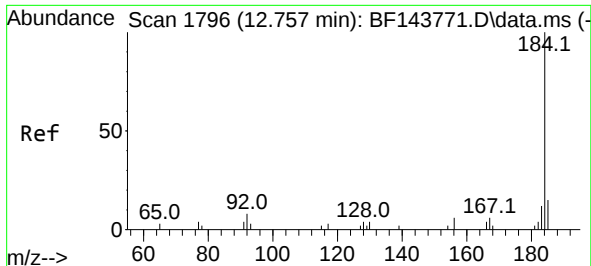
Tgt Ion:	202	Resp:	24820
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.7
203	17.4	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

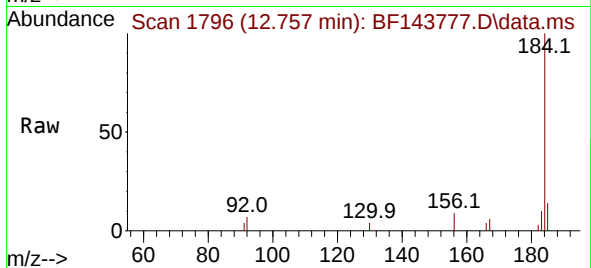
Tgt Ion:	240	Resp:	6785
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.3	13.9
236	22.8	17.7	26.5



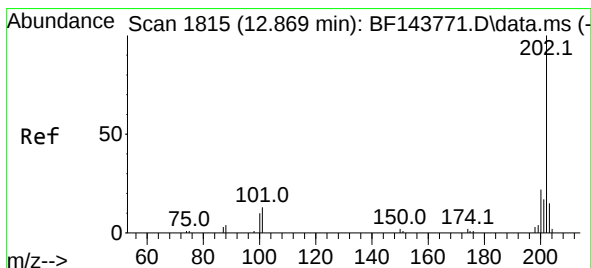
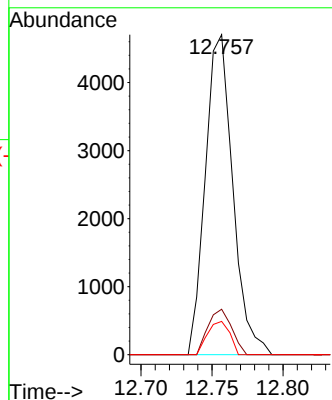
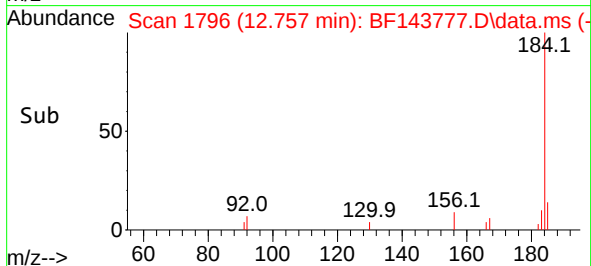


#77
Benzidine
Concen: 30.194 ng
RT: 12.757 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Instrument :
BNA_F
ClientSampleId :
PB169696BS

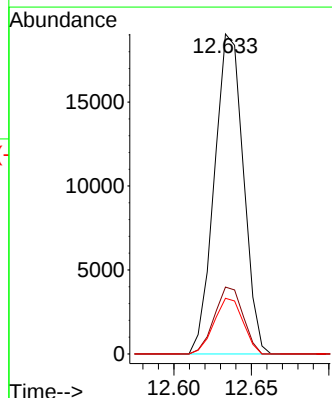
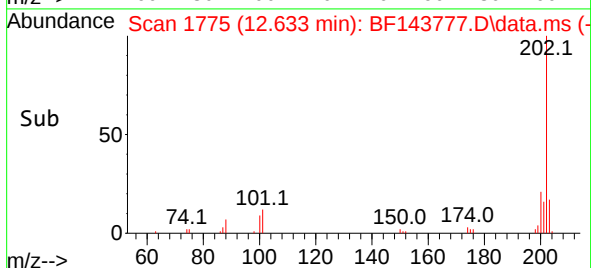
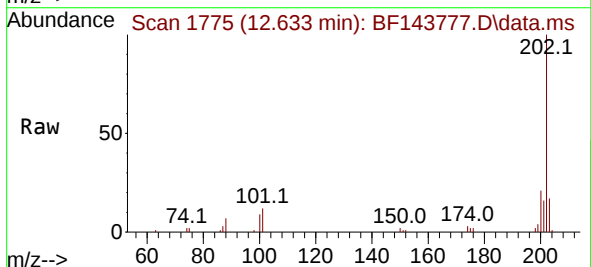


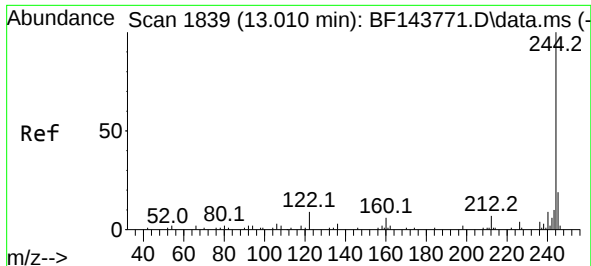
Tgt Ion:184 Resp: 6337
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 10.4 9.7 14.5



#78
Pyrene
Concen: 44.957 ng
RT: 12.633 min Scan# 1775
Delta R.T. -0.241 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:202 Resp: 24820
Ion Ratio Lower Upper
202 100
200 20.9 17.8 26.8
203 17.4 11.6 17.4

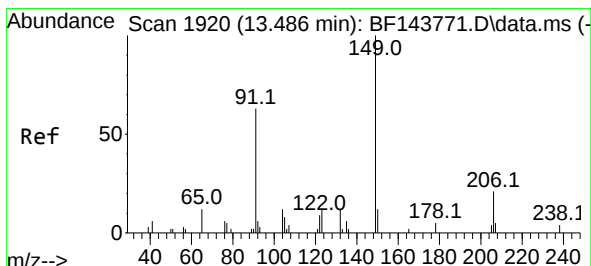
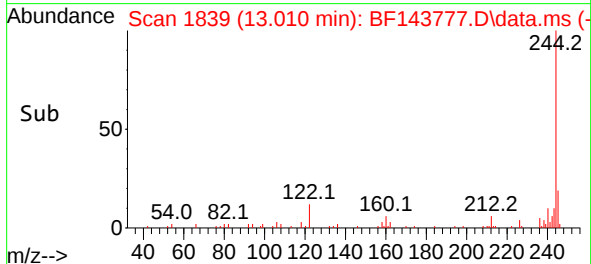
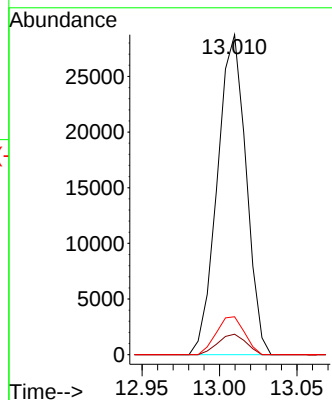
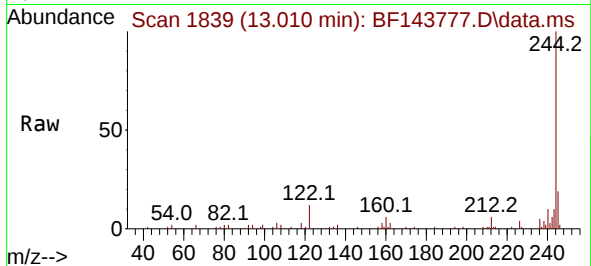




#79
 Terphenyl-d14
 Concen: 85.233 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

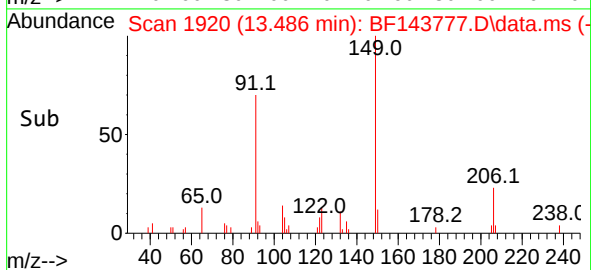
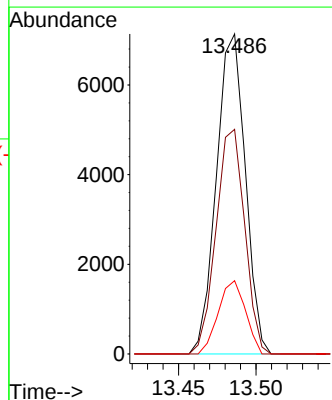
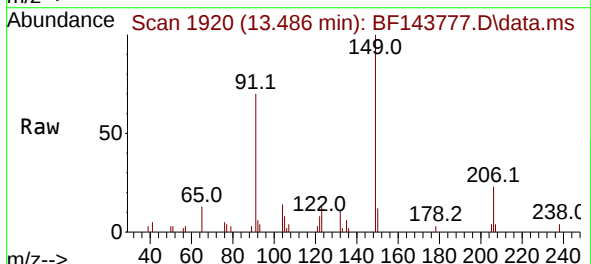
Instrument :
 BNA_F
 ClientSampleId :
 PB169696BS

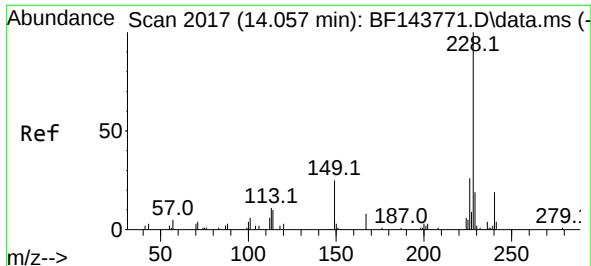
Tgt Ion:244 Resp: 37131
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 11.9 7.6 11.4#



#80
 Butylbenzylphthalate
 Concen: 48.491 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

Tgt Ion:149 Resp: 9253
 Ion Ratio Lower Upper
 149 100
 91 70.2 50.3 75.5
 206 22.9 16.8 25.2

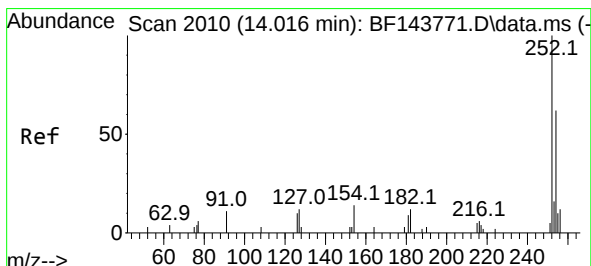
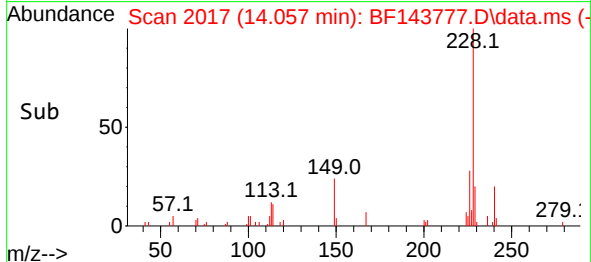
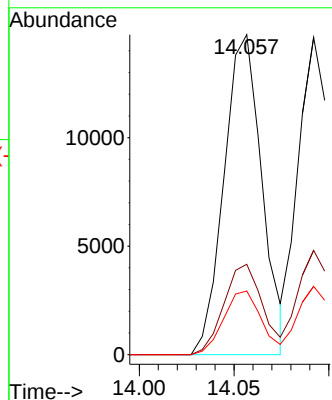
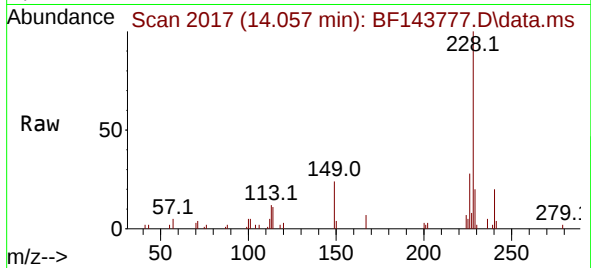




#81
Benzo(a)anthracene
Concen: 45.938 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

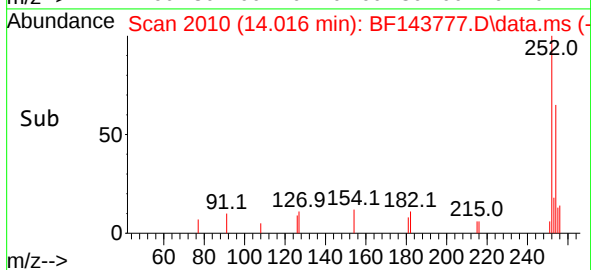
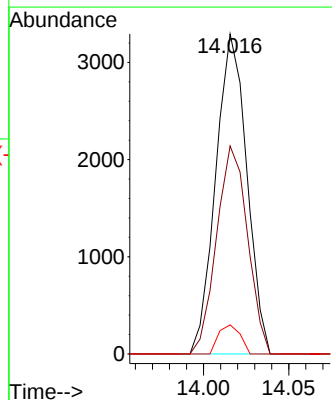
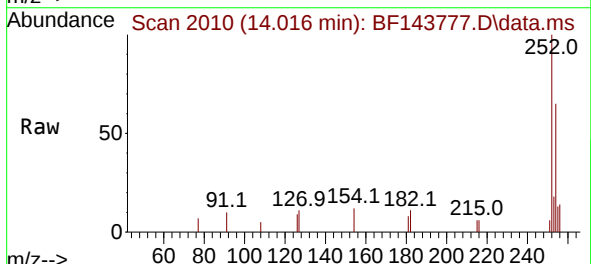
Instrument :
BNA_F
ClientSampleId :
PB169696BS

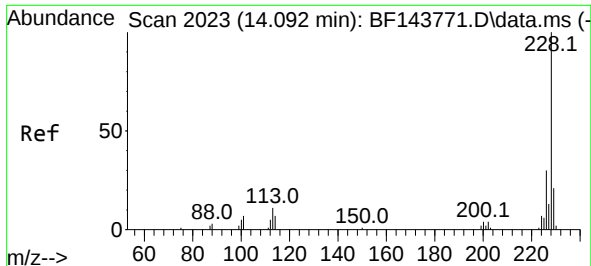
Tgt Ion:228	Resp:	20510
Ion Ratio	Lower	Upper
228	100	
226	28.2	21.1 31.7
229	19.9	15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 32.624 ng
RT: 14.016 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:252	Resp:	4167
Ion Ratio	Lower	Upper
252	100	
254	65.0	49.4 74.0
126	9.1	7.8 11.6





#83

Chrysene

Concen: 43.042 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

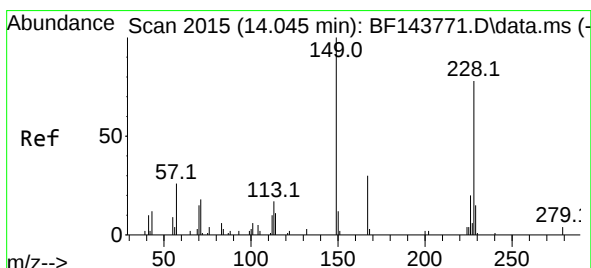
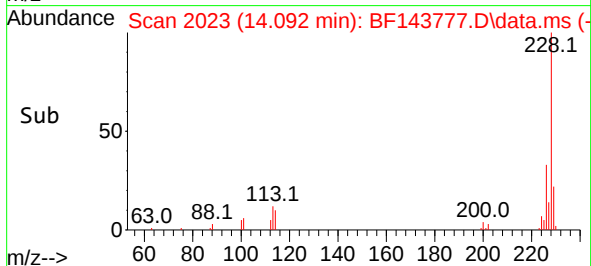
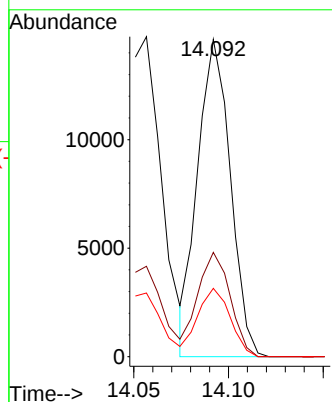
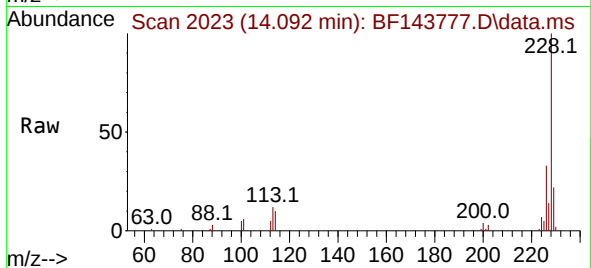
Tgt Ion:228 Resp: 17530

Ion Ratio Lower Upper

228 100

226 32.9 23.4 35.2

229 21.6 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.530 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

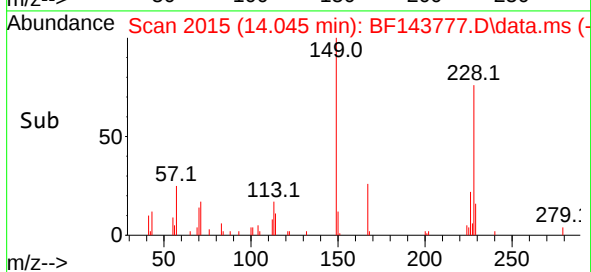
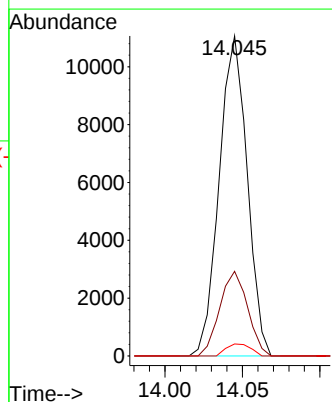
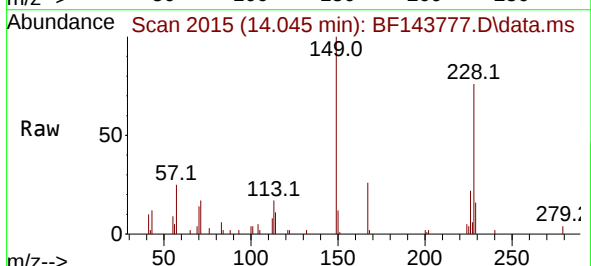
Tgt Ion:149 Resp: 13858

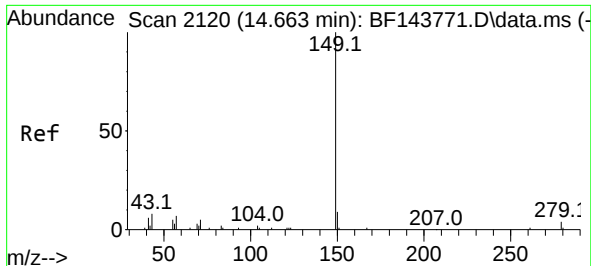
Ion Ratio Lower Upper

149 100

167 26.4 24.1 36.1

279 3.7 3.4 5.0

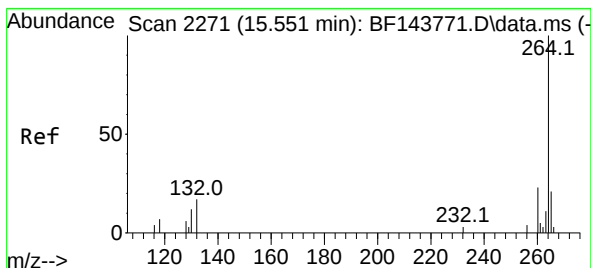
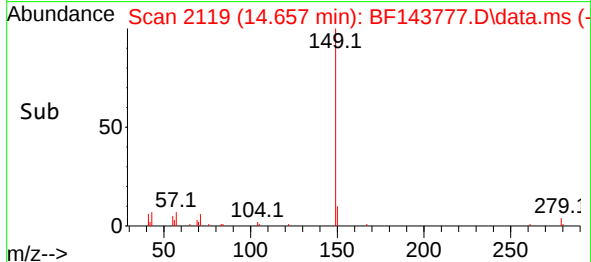
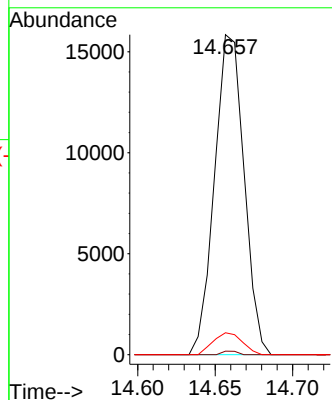
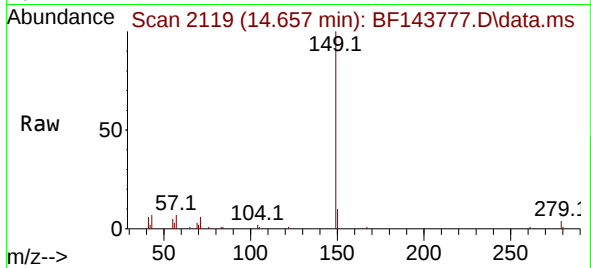




#85
Di-n-octyl phthalate
Concen: 48.073 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

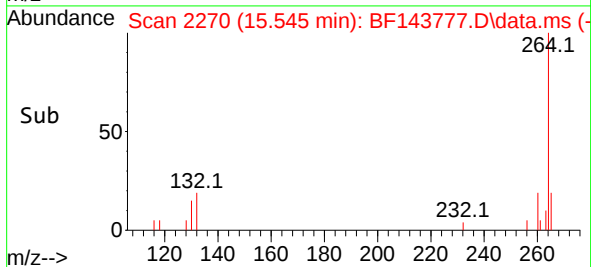
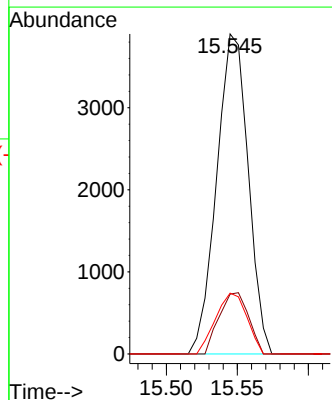
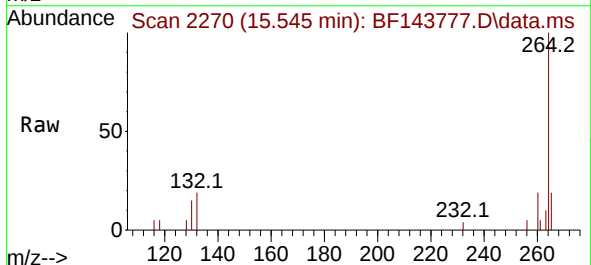
Instrument :
BNA_F
ClientSampleId :
PB169696BS

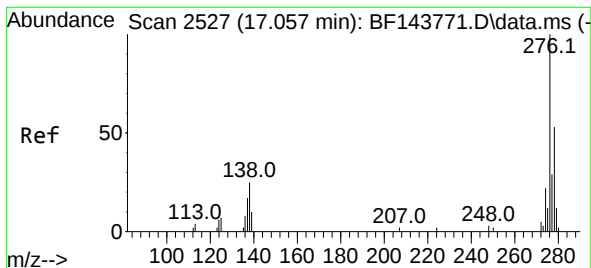
Tgt Ion:149 Resp: 21009
Ion Ratio Lower Upper
149 100
167 0.6 0.8 1.2#
43 6.8 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.012 min
Lab File: BF143777.D
Acq: 16 Sep 2025 17:22

Tgt Ion:264 Resp: 6021
Ion Ratio Lower Upper
264 100
260 18.7 18.6 27.8
265 19.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.463 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

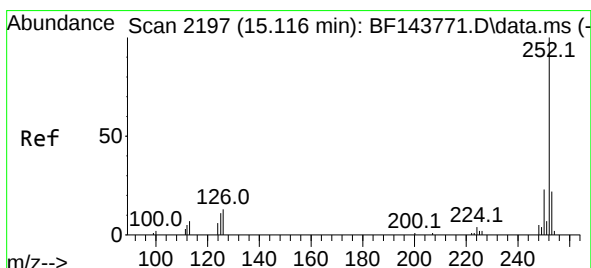
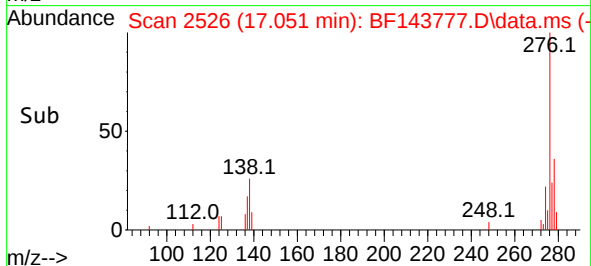
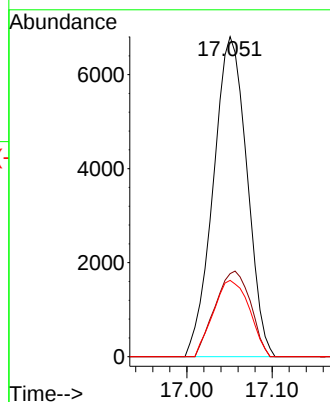
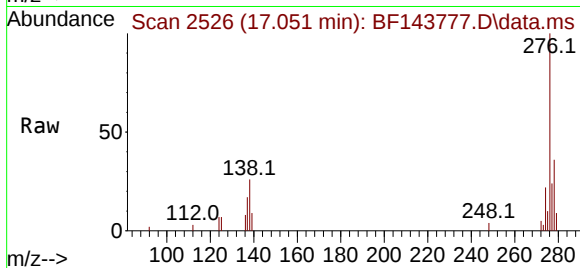
Tgt Ion:276 Resp: 18677

Ion Ratio Lower Upper

276 100

138 28.2 21.3 31.9

277 25.6 21.0 31.6



#88

Benzo(b)fluoranthene

Concen: 49.942 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

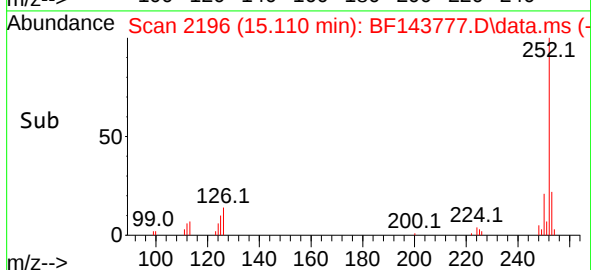
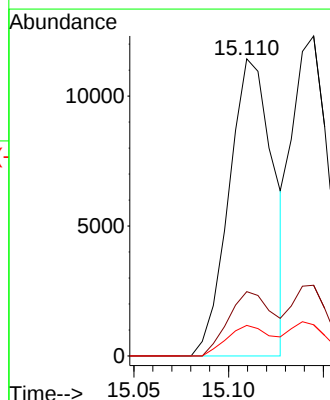
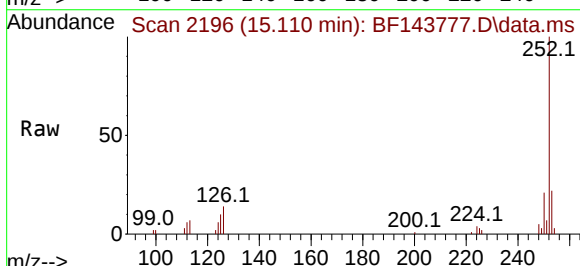
Tgt Ion:252 Resp: 18619

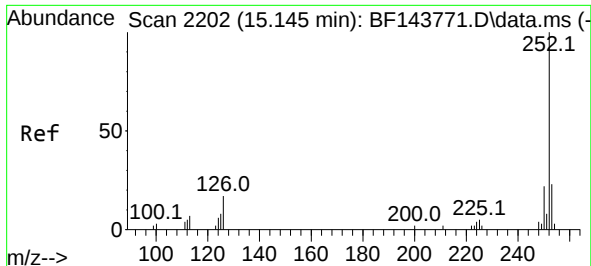
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 10.3 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 50.123 ng

RT: 15.145 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

Instrument :

BNA_F

ClientSampleId :

PB169696BS

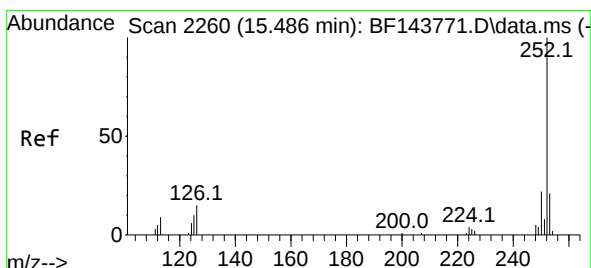
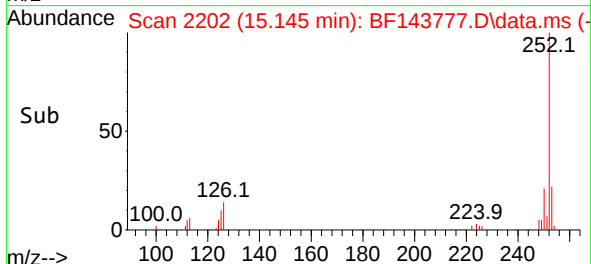
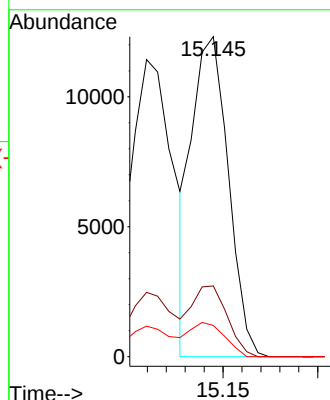
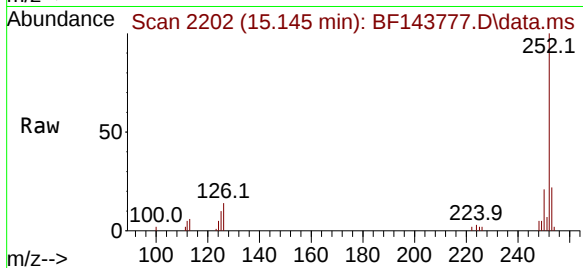
Tgt Ion:252 Resp: 16386

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 9.8 7.7 11.5



#90

Benzo(a)pyrene

Concen: 50.756 ng

RT: 15.486 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF143777.D

Acq: 16 Sep 2025 17:22

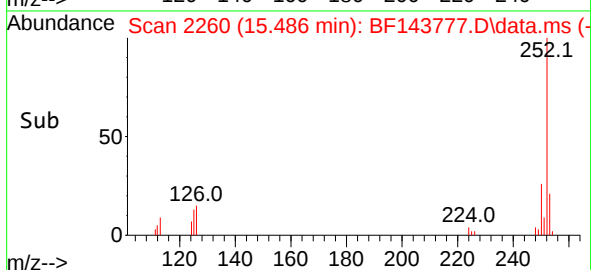
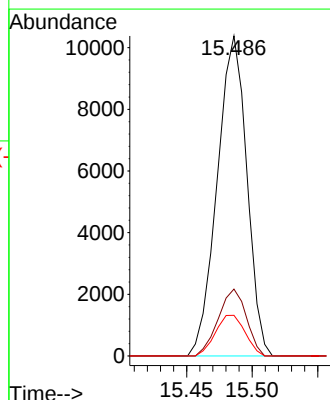
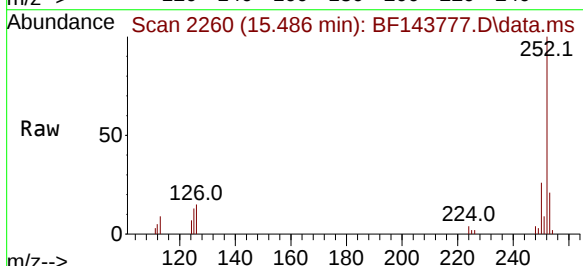
Tgt Ion:252 Resp: 16307

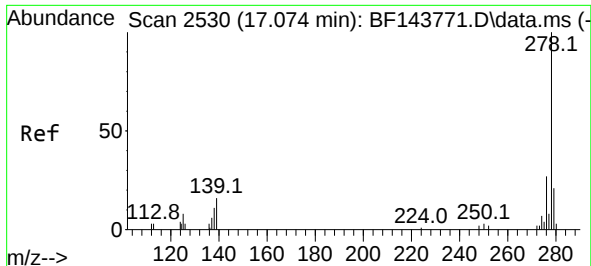
Ion Ratio Lower Upper

252 100

253 20.9 17.2 25.8

125 12.7 8.2 12.2#

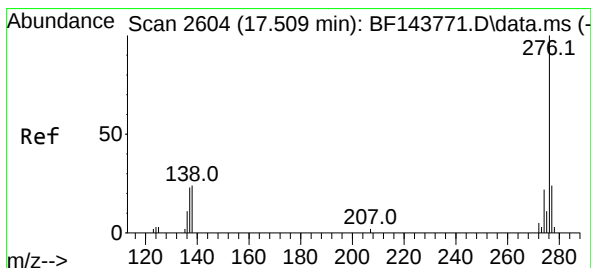
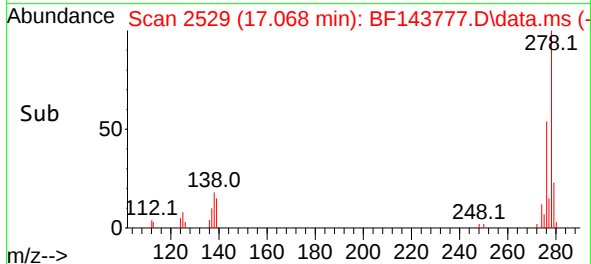
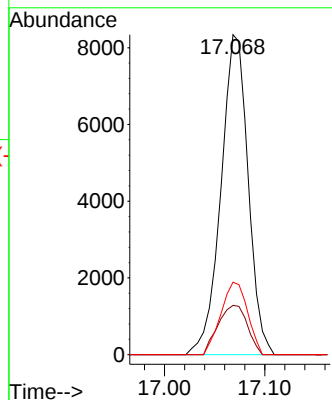
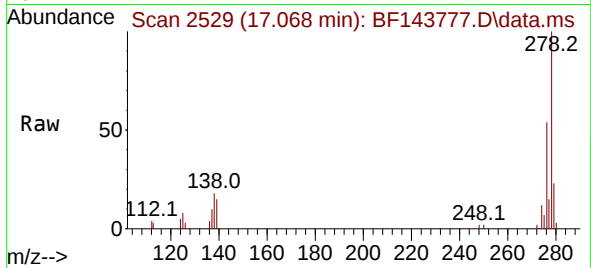




#91
 Dibenzo(a,h)anthracene
 Concen: 50.723 ng
 RT: 17.068 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB169696BS

Tgt Ion:278 Resp: 15705
 Ion Ratio Lower Upper
 278 100
 139 15.4 13.0 19.6
 279 22.6 17.2 25.8



#92
 Benzo(g,h,i)perylene
 Concen: 48.516 ng
 RT: 17.509 min Scan# 2604
 Delta R.T. -0.023 min
 Lab File: BF143777.D
 Acq: 16 Sep 2025 17:22

Tgt Ion:276 Resp: 14400
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.0 28.4
 138 25.7 19.4 29.2

