

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143855.D
 Acq On : 02 Oct 2025 15:11
 Operator : RC/JU
 Sample : PB169953BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BS

Quant Time: Oct 02 16:32:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	132660	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	477613	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	238357	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	352292	20.000	ng	0.00
76) Chrysene-d12	14.057	240	355233	20.000	ng	0.00
86) Perylene-d12	15.533	264	574873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	905298	110.873	ng	0.00
7) Phenol-d6	6.510	99	1057250	112.064	ng	0.00
23) Nitrobenzene-d5	7.445	82	671661	86.081	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	367077	104.010	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1289750	84.438	ng	0.00
79) Terphenyl-d14	12.998	244	1598608	91.522	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	144223	36.903	ng	98
3) Pyridine	3.487	79	408882	38.758	ng	92
4) n-Nitrosodimethylamine	3.434	42	222270	42.019	ng	89
6) Aniline	6.546	93	473453	34.577	ng	100
8) 2-Chlorophenol	6.669	128	361151	43.205	ng	99
9) Benzaldehyde	6.434	77	223585	27.063	ng	98
10) Phenol	6.522	94	469893	42.850	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	358965	41.759	ng	98
12) 1,3-Dichlorobenzene	6.828	146	416736	42.939	ng	97
13) 1,4-Dichlorobenzene	6.904	146	423908	43.767	ng	99
14) 1,2-Dichlorobenzene	7.057	146	407283	44.399	ng	99
15) Benzyl Alcohol	7.022	79	316511	46.430	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	783647	38.446	ng	97
17) 2-Methylphenol	7.134	107	284381	43.943	ng	99
18) Hexachloroethane	7.398	117	145536	42.727	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	256999	42.362	ng	91
20) 3+4-Methylphenols	7.287	107	333165	42.274	ng	# 79
22) Acetophenone	7.293	105	505321	48.171	ng	97
24) Nitrobenzene	7.469	77	389590	45.046	ng	96
25) Isophorone	7.704	82	696722	45.822	ng	99
26) 2-Nitrophenol	7.781	139	178148	50.050	ng	97
27) 2,4-Dimethylphenol	7.816	122	325295	47.866	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	426731	43.198	ng	99
29) 2,4-Dichlorophenol	8.022	162	299564	44.798	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	334316	48.175	ng	100
31) Naphthalene	8.193	128	995535	43.542	ng	100
32) Benzoic acid	7.922	122	194641	59.361	ng	97
33) 4-Chloroaniline	8.234	127	217802	27.107	ng	98
34) Hexachlorobutadiene	8.304	225	243514	47.071	ng	99
35) Caprolactam	8.598	113	86084	50.365	ng	# 87
36) 4-Chloro-3-methylphenol	8.710	107	287211	45.796	ng	97
37) 2-Methylnaphthalene	8.881	142	590095	40.475	ng	99
38) 1-Methylnaphthalene	8.981	142	602257	43.158	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	356094	49.504	ng	99
41) Hexachlorocyclopentadiene	9.034	237	514059	112.761	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	215365	47.815	ng	99

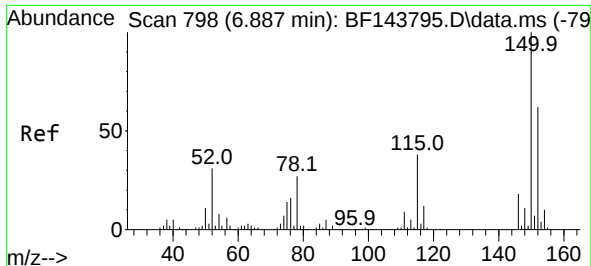
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 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	223754	47.494	ng	99
46) 1,1'-Biphenyl	9.345	154	839915	48.680	ng	99
47) 2-Chloronaphthalene	9.369	162	611384	44.021	ng	100
48) 2-Nitroaniline	9.463	65	219806	52.364	ng	99
49) Acenaphthylene	9.787	152	965232	50.484	ng	100
50) Dimethylphthalate	9.645	163	662888	45.629	ng	100
51) 2,6-Dinitrotoluene	9.704	165	140025	58.663	ng	96
52) Acenaphthene	9.957	154	587128	46.664	ng	100
53) 3-Nitroaniline	9.875	138	101558	35.102	ng	98
54) 2,4-Dinitrophenol	9.981	184	107395	94.393	ng	# 19
55) Dibenzofuran	10.134	168	802245	45.090	ng	98
56) 4-Nitrophenol	10.028	139	200464	85.981	ng	92
57) 2,4-Dinitrotoluene	10.110	165	178413	50.215	ng	94
58) Fluorene	10.475	166	591871	44.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	221046	54.769	ng	96
60) Diethylphthalate	10.345	149	610835	44.916	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	306013	45.406	ng	98
62) 4-Nitroaniline	10.486	138	130116	47.829	ng	99
63) Azobenzene	10.628	77	627301	43.768	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	77855	57.179	ng	84
66) n-Nitrosodiphenylamine	10.581	169	552464	47.685	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	299372	49.865	ng	99
68) Hexachlorobenzene	11.022	284	418057	50.529	ng	98
69) Atrazine	11.110	200	165856	49.435	ng	98
70) Pentachlorophenol	11.216	266	421274	102.290	ng	100
71) Phenanthrene	11.439	178	825423	45.637	ng	100
72) Anthracene	11.492	178	841805	46.400	ng	99
73) Carbazole	11.645	167	723940	45.639	ng	99
74) Di-n-butylphthalate	11.975	149	820467	44.975	ng	100
75) Fluoranthene	12.628	202	812325	44.655	ng	99
77) Benzidine	12.751	184	295898	34.183	ng	98
78) Pyrene	12.857	202	823750	47.166	ng	99
80) Butylbenzylphthalate	13.475	149	296337	49.044	ng	97
81) Benzo(a)anthracene	14.045	228	861449	45.140	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	288912	34.946	ng	100
83) Chrysene	14.086	228	834639	48.334	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	397949	44.932	ng	99
85) Di-n-octyl phthalate	14.651	149	730007	45.439	ng	95
87) Indeno(1,2,3-cd)pyrene	17.039	276	2183879	50.068	ng	98
88) Benzo(b)fluoranthene	15.104	252	1322818	45.185	ng	100
89) Benzo(k)fluoranthene	15.133	252	1336071	45.426	ng	99
90) Benzo(a)pyrene	15.474	252	1349100	49.026	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	1765804	49.496	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1795382	52.206	ng	99

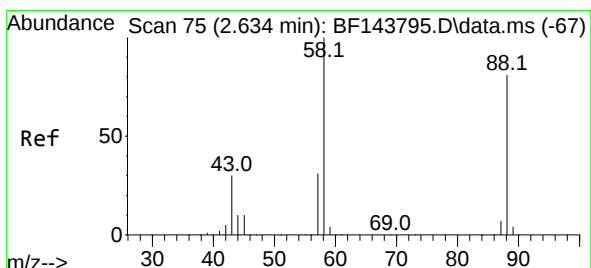
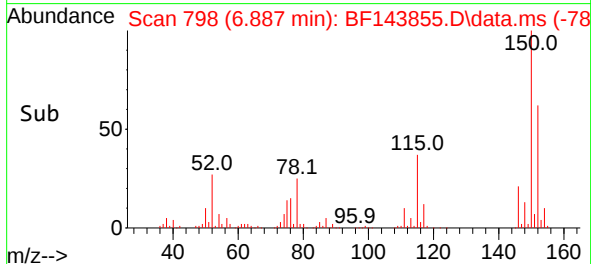
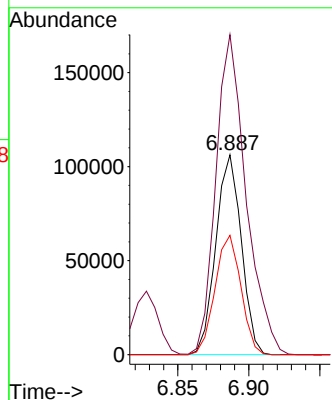
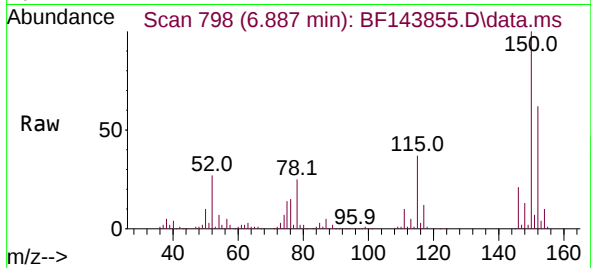
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143855.D
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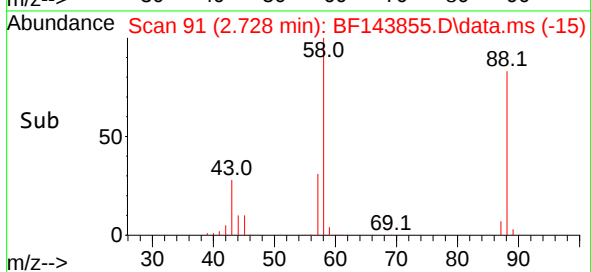
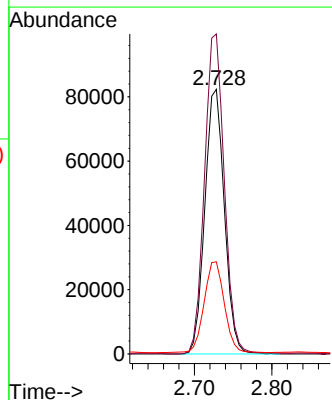
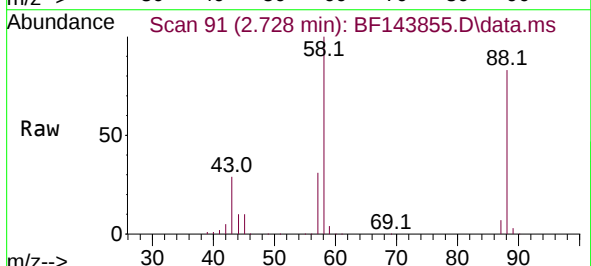
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 PB169953BS

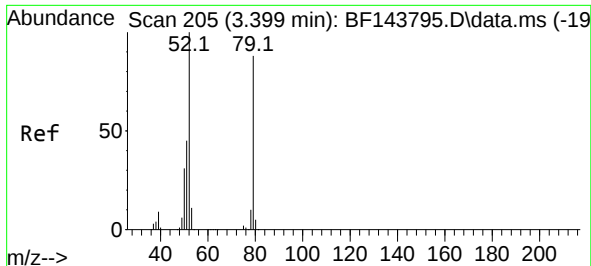
Tgt Ion:152 Resp: 132660
 Ion Ratio Lower Upper
 152 100
 150 160.2 129.6 194.4
 115 59.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 36.903 ng
 RT: 2.728 min Scan# 91
 Delta R.T. 0.094 min
 Lab File: BF143855.D
 Acq: 02 Oct 2025 15:11

Tgt Ion: 88 Resp: 144223
 Ion Ratio Lower Upper
 88 100
 58 122.6 99.4 149.2
 43 35.8 30.6 45.8

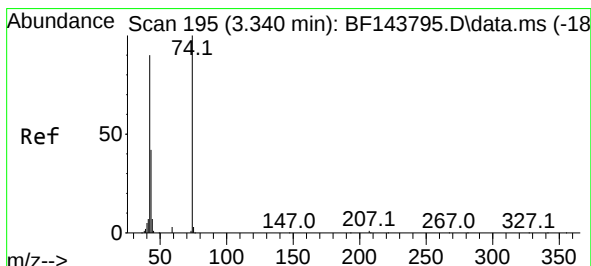
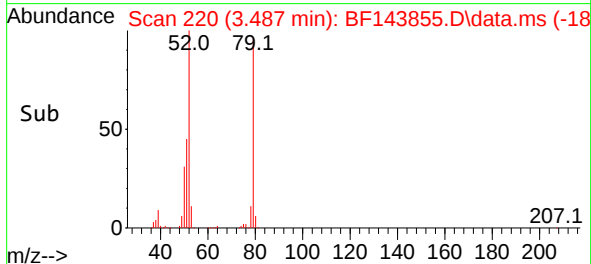
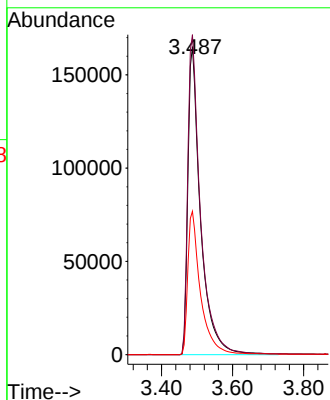
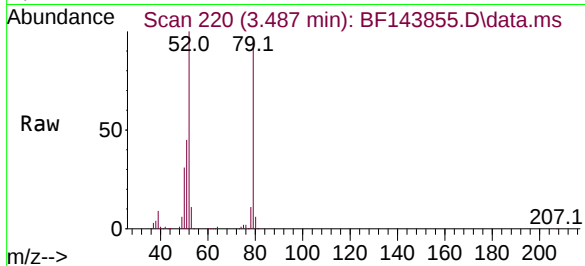




#3
Pyridine
Concen: 38.758 ng
RT: 3.487 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

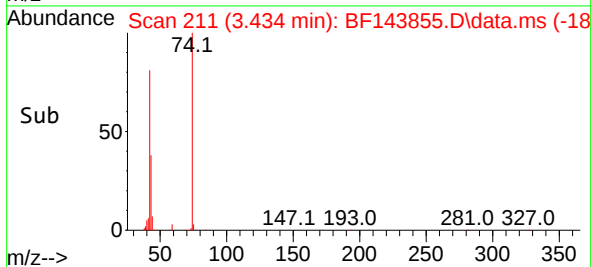
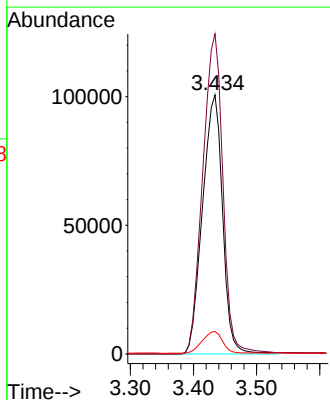
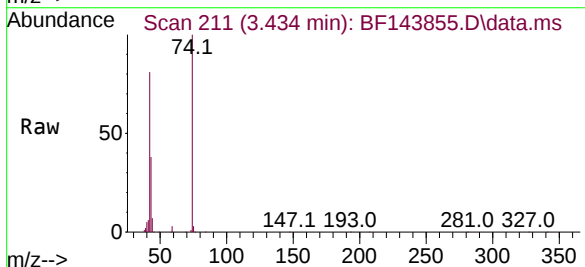
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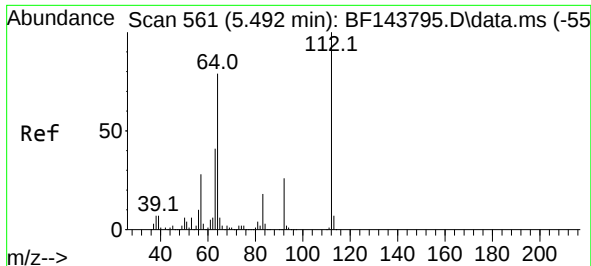
Tgt Ion: 79 Resp: 408882
Ion Ratio Lower Upper
79 100
52 103.9 90.5 135.7
51 46.5 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 42.019 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.077 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion: 42 Resp: 222270
Ion Ratio Lower Upper
42 100
74 123.6 89.1 133.7
44 8.7 6.4 9.6

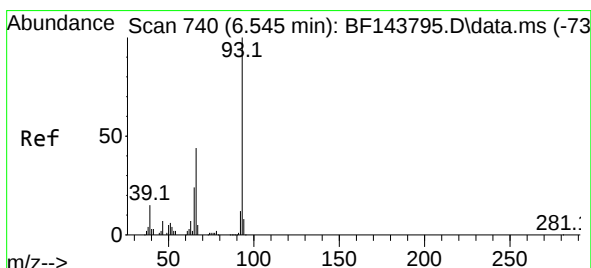
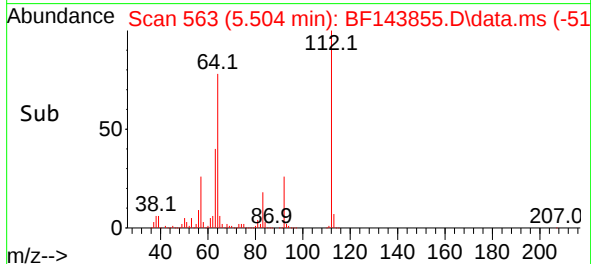
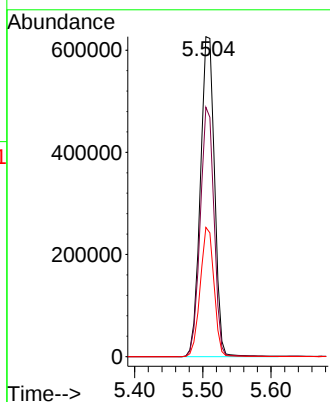
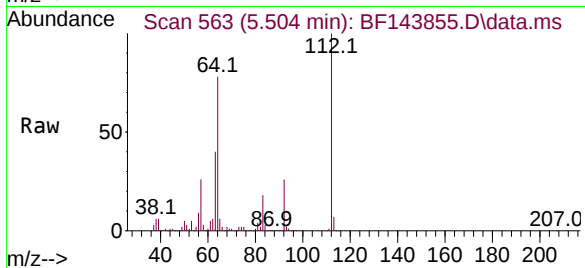




#5
2-Fluorophenol
Concen: 110.873 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

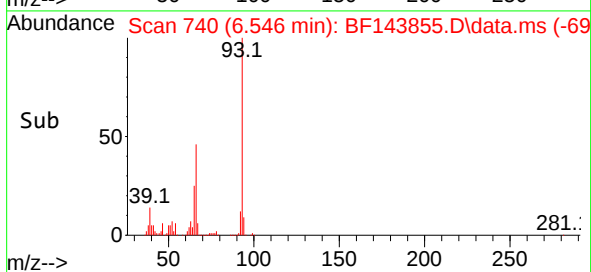
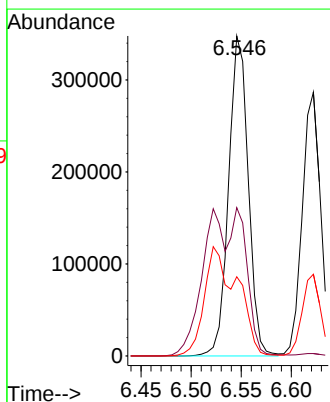
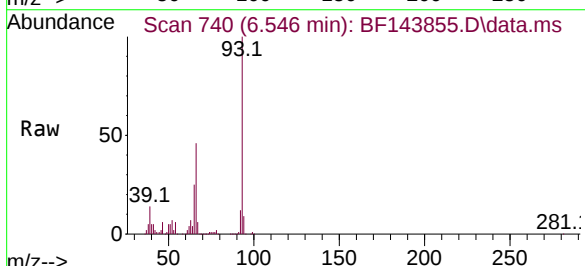
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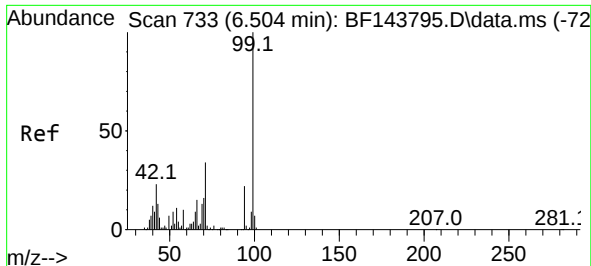
Tgt Ion:112 Resp: 905298
Ion Ratio Lower Upper
112 100
64 77.9 63.0 94.4
63 40.4 32.6 49.0



#6
Aniline
Concen: 34.577 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion: 93 Resp: 473453
Ion Ratio Lower Upper
93 100
66 46.3 37.1 55.7
65 24.7 19.4 29.0

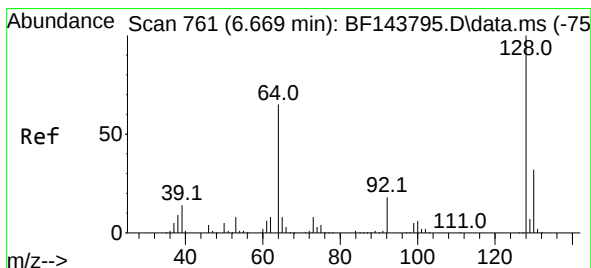
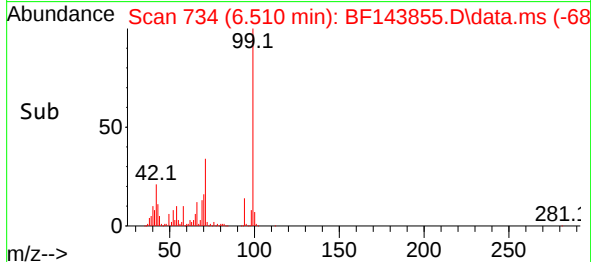
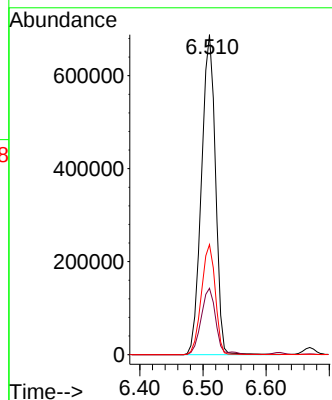
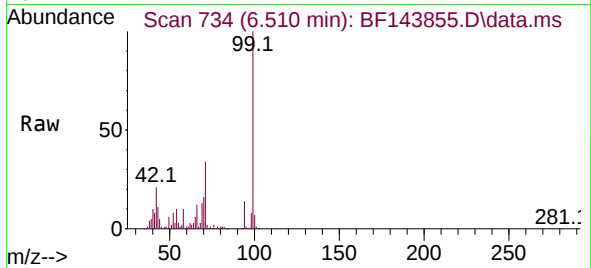




#7
Phenol-d6
Concen: 112.064 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

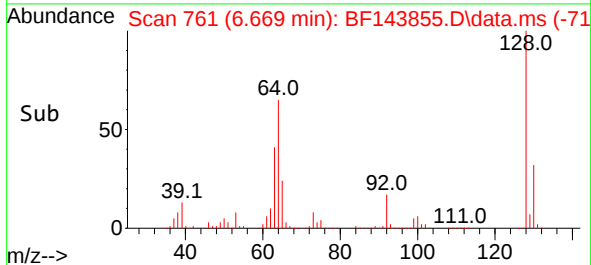
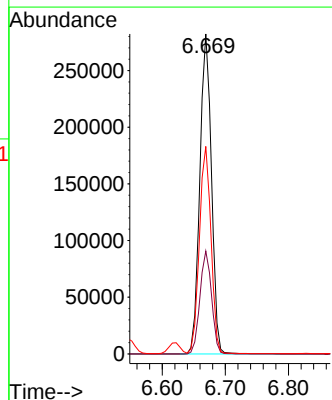
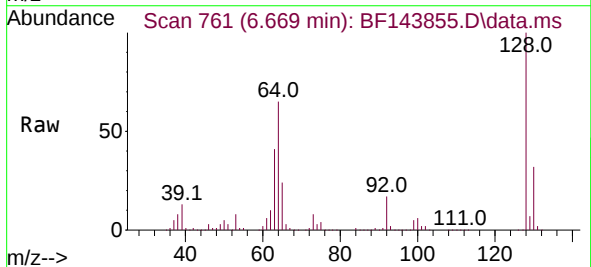
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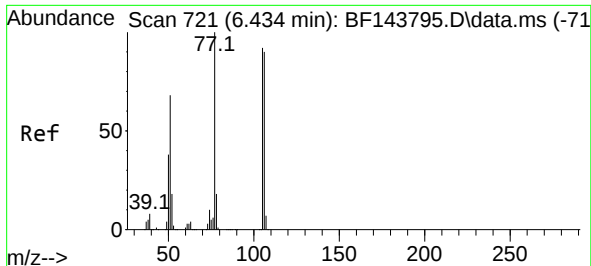
Tgt Ion: 99 Resp: 1057250
Ion Ratio Lower Upper
99 100
42 20.7 18.6 28.0
71 34.4 27.0 40.4



#8
2-Chlorophenol
Concen: 43.205 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion: 128 Resp: 361151
Ion Ratio Lower Upper
128 100
130 32.1 12.2 52.2
64 64.8 46.5 86.5

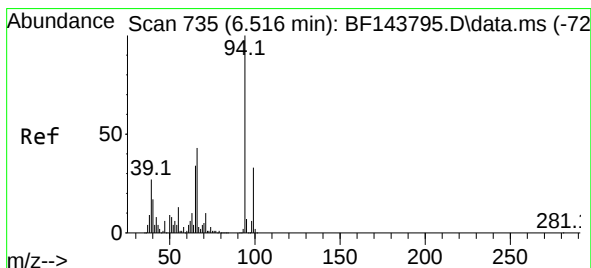
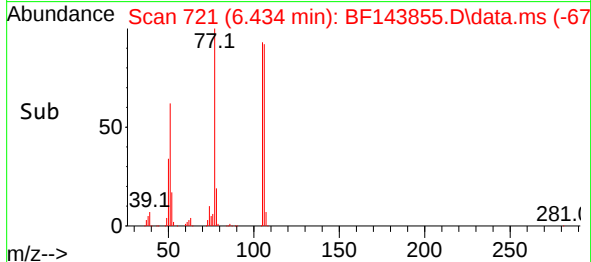
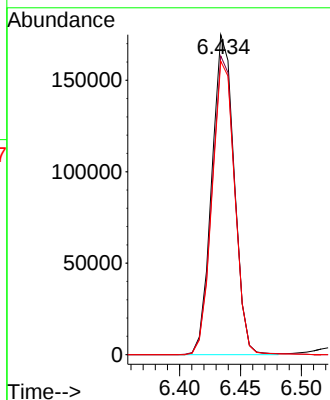
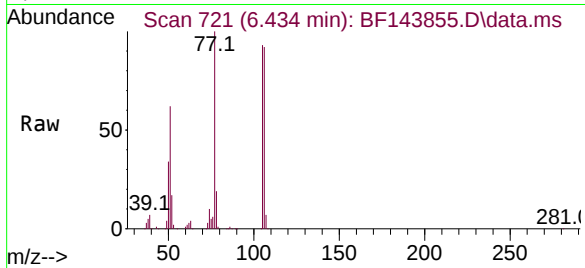




#9
Benzaldehyde
Concen: 27.063 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

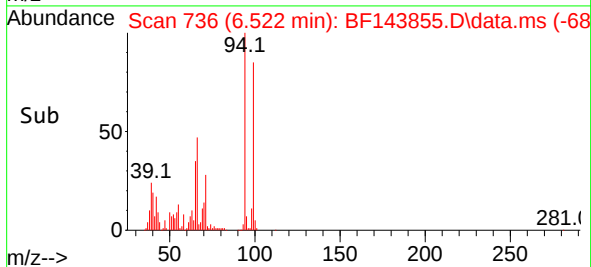
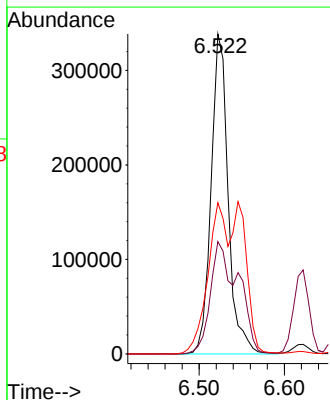
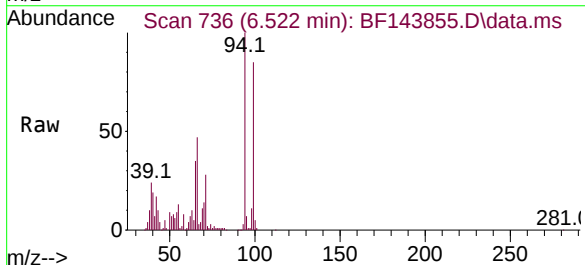
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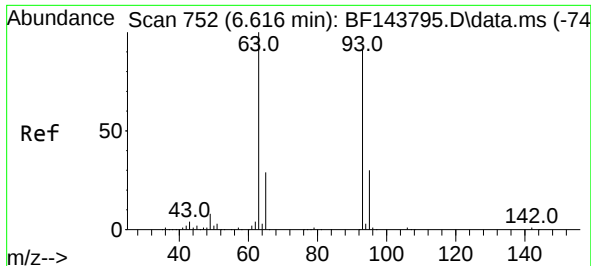
Tgt Ion: 77 Resp: 223585
Ion Ratio Lower Upper
77 100
105 93.3 71.8 111.8
106 91.7 69.8 109.8



#10
Phenol
Concen: 42.850 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion: 94 Resp: 469893
Ion Ratio Lower Upper
94 100
65 35.1 14.2 54.2
66 47.2 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 41.759 ng

RT: 6.622 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

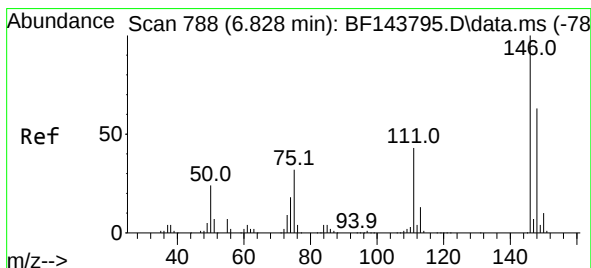
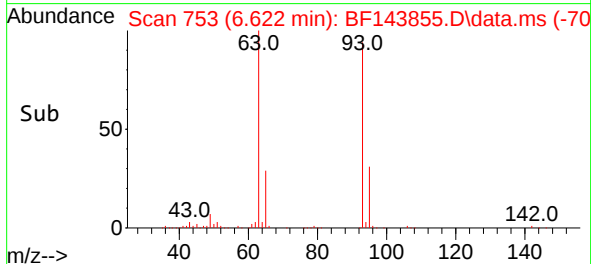
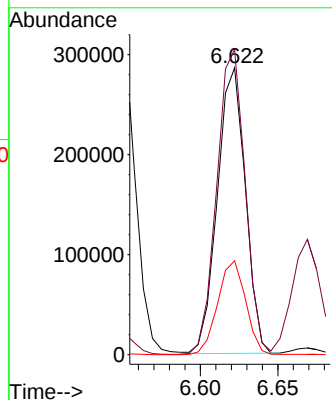
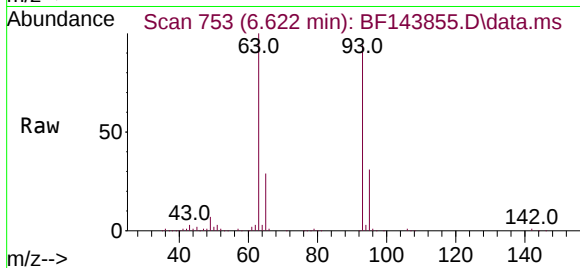
Tgt Ion: 93 Resp: 358965

Ion Ratio Lower Upper

93 100

63 106.4 89.2 129.2

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 42.939 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

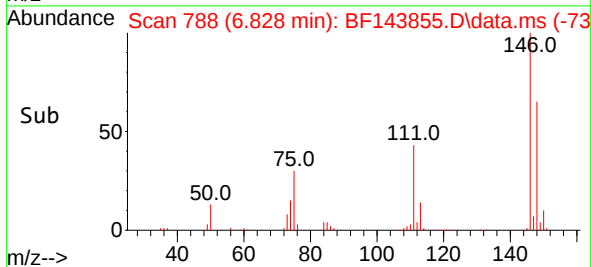
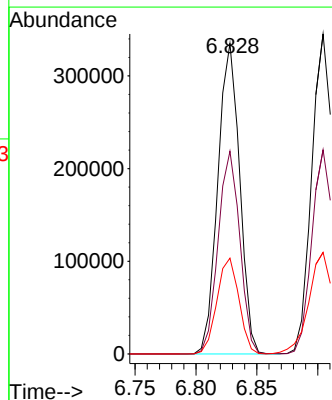
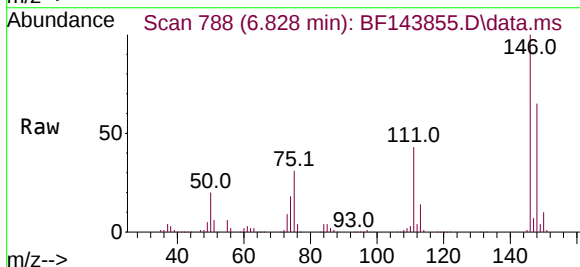
Tgt Ion:146 Resp: 416736

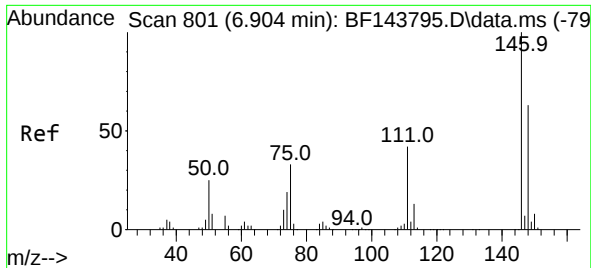
Ion Ratio Lower Upper

146 100

148 65.2 50.4 75.6

75 30.9 25.6 38.4

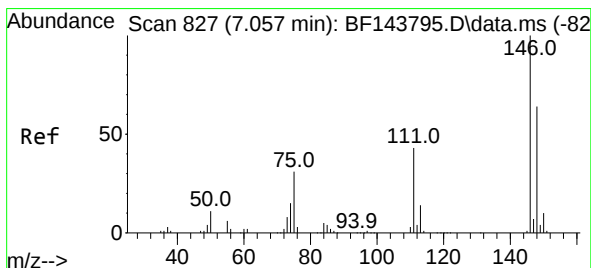
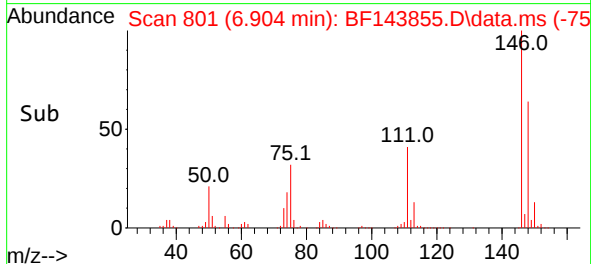
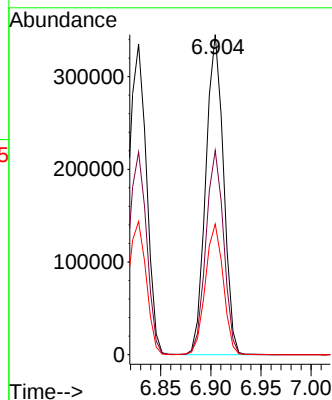
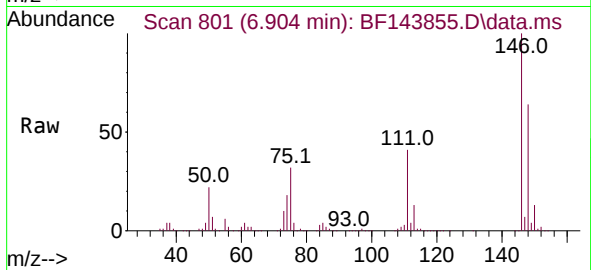




#13
1,4-Dichlorobenzene
Concen: 43.767 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

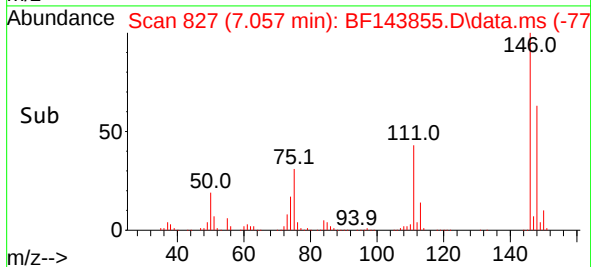
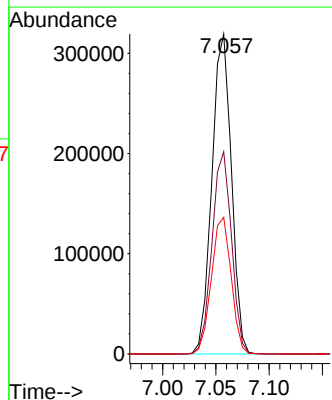
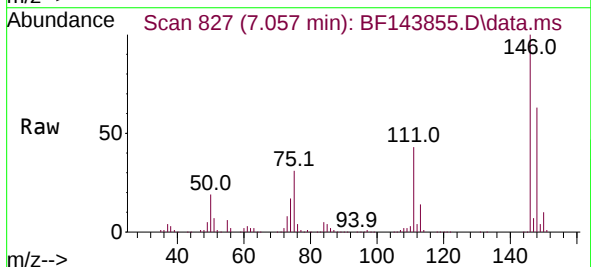
Instrument :
BNA_F
ClientSampleId :
PB169953BS

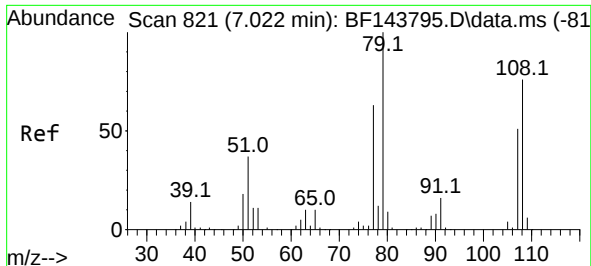
Tgt Ion:146 Resp: 423908
Ion Ratio Lower Upper
146 100
148 63.8 50.7 76.1
111 40.8 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 44.399 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:146 Resp: 407283
Ion Ratio Lower Upper
146 100
148 63.2 51.1 76.7
111 42.7 34.3 51.5

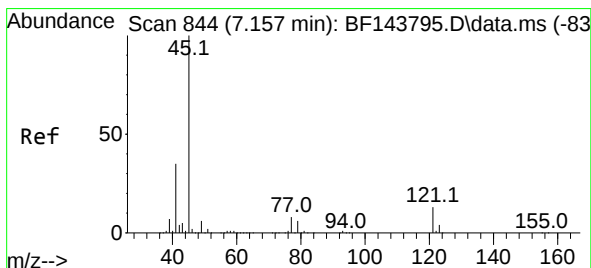
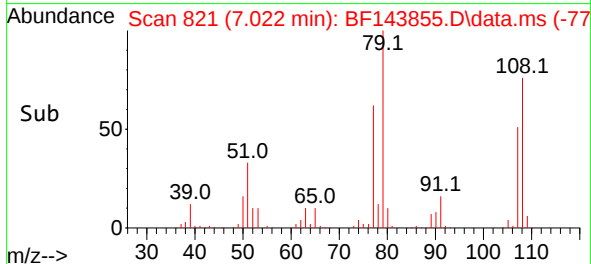
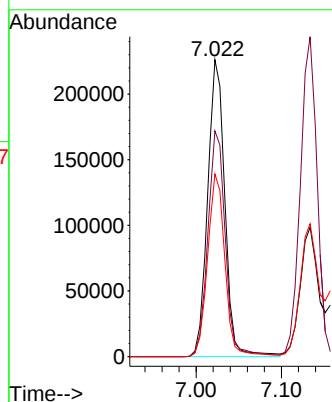
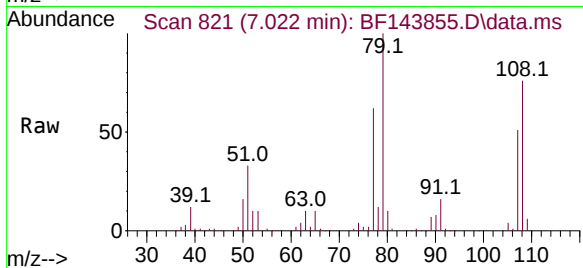




#15
Benzyl Alcohol
Concen: 46.430 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

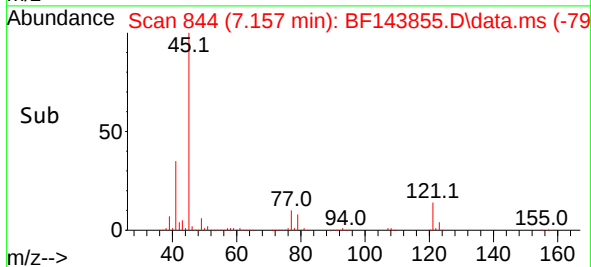
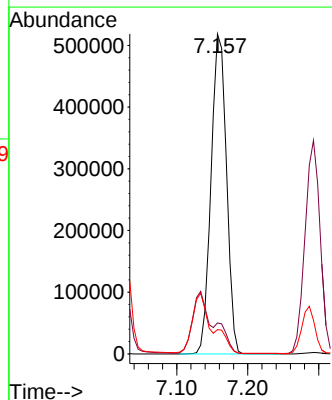
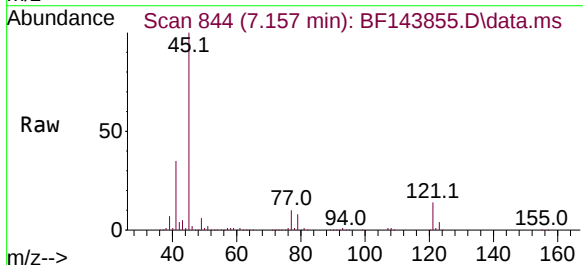
Instrument :
BNA_F
ClientSampleId :
PB169953BS

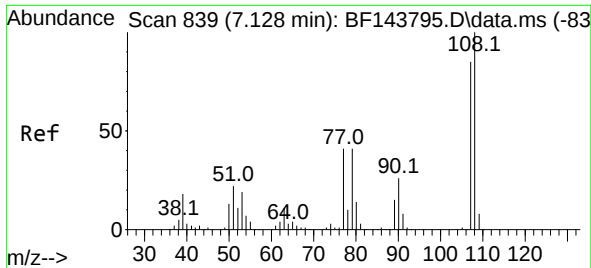
Tgt Ion: 79 Resp: 316511
Ion Ratio Lower Upper
79 100
108 76.1 60.5 90.7
77 61.5 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.446 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion: 45 Resp: 783647
Ion Ratio Lower Upper
45 100
77 9.7 0.0 28.5
79 7.6 0.0 26.3



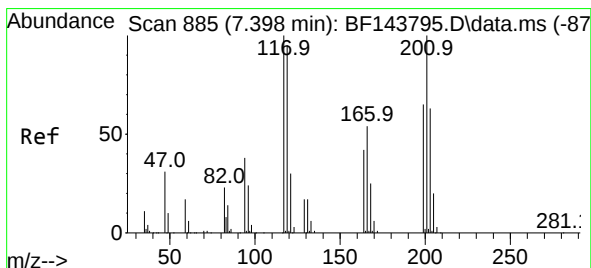
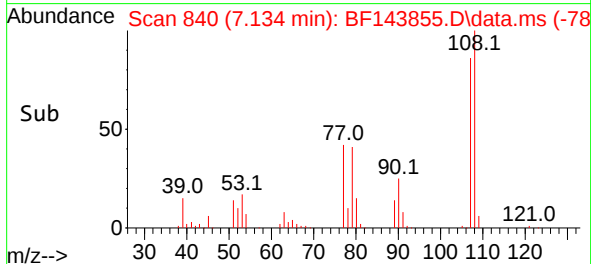
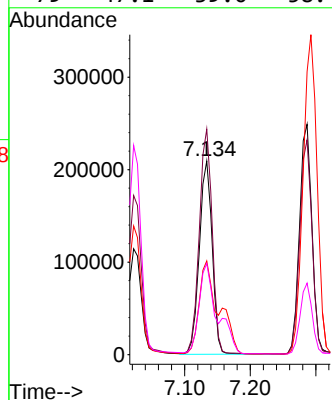
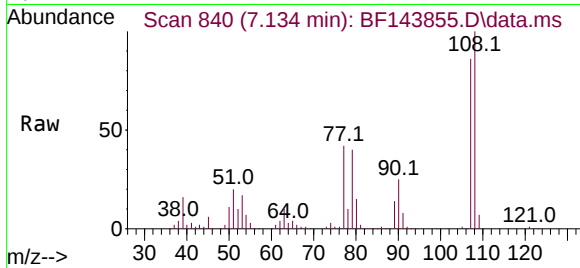


#17
2-Methylphenol
Concen: 43.943 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Instrument :
BNA_F
ClientSampleId :
PB169953BS

Tgt Ion:107 Resp: 284381

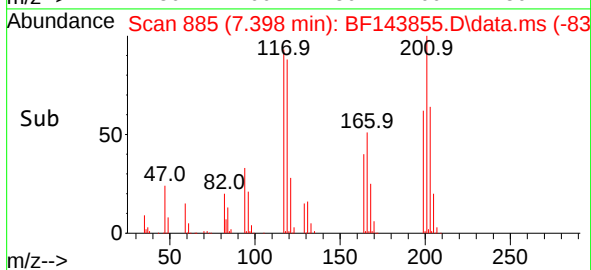
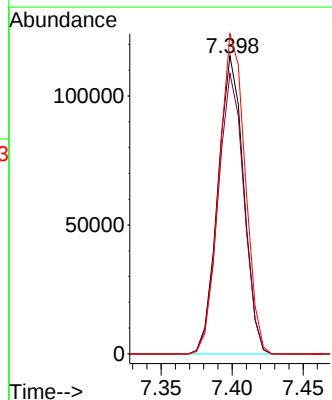
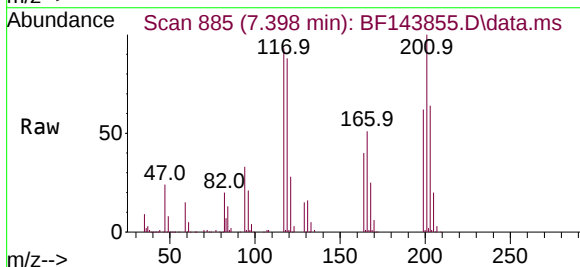
Ion	Ratio	Lower	Upper
107	100		
108	116.4	94.2	141.4
77	48.4	38.6	58.0
79	47.1	39.0	58.4

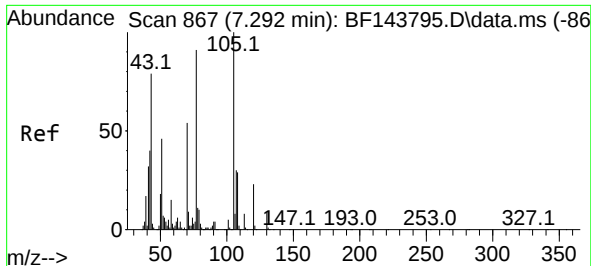


#18
Hexachloroethane
Concen: 42.727 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:117 Resp: 145536

Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.2	114.2
201	107.3	79.7	119.5

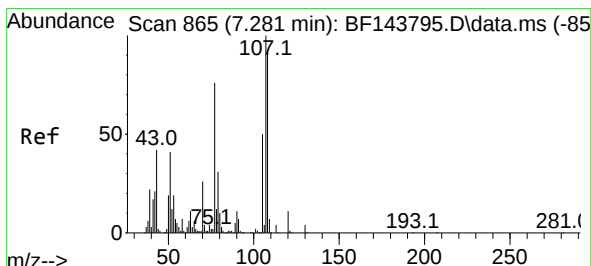
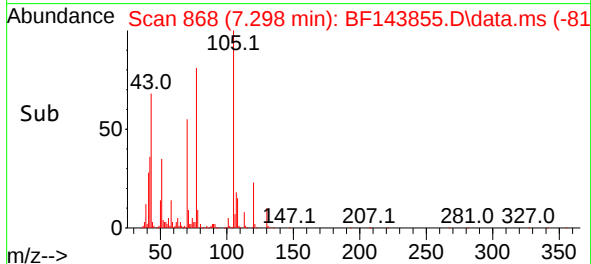
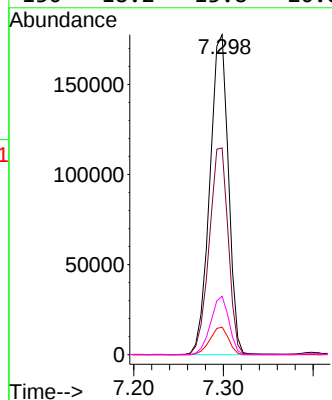
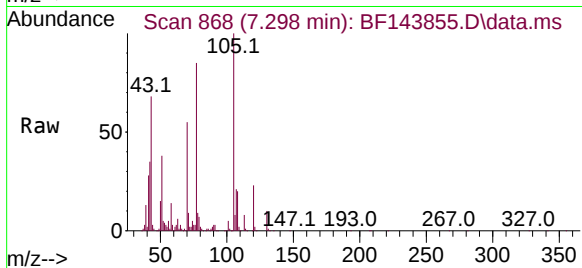




#19
n-Nitroso-di-n-propylamine
Concen: 42.362 ng
RT: 7.298 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

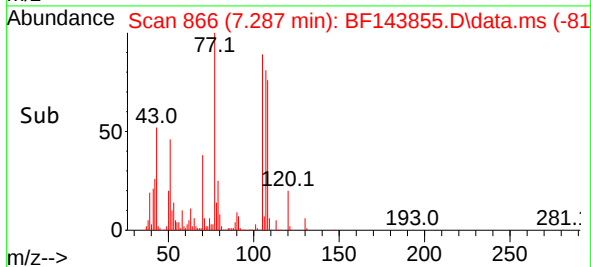
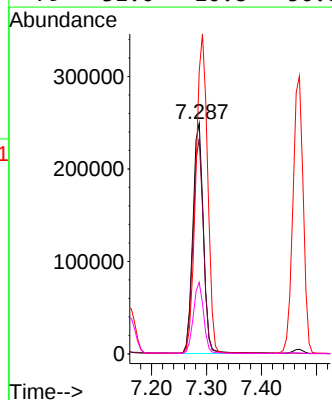
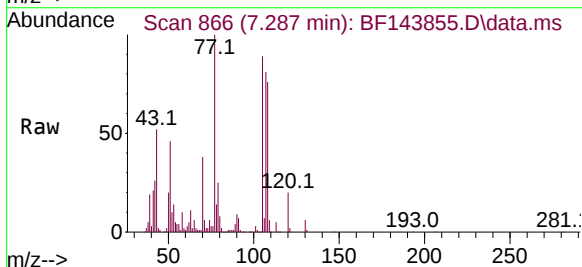
Instrument :
BNA_F
ClientSampleId :
PB169953BS

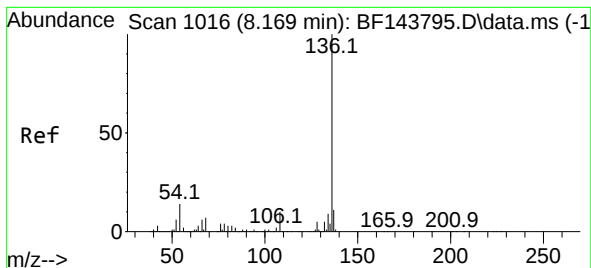
Tgt Ion: 70 Resp: 256999
Ion Ratio Lower Upper
70 100
42 64.6 59.4 89.0
101 8.6 7.1 10.7
130 18.2 13.8 20.8



#20
3+4-Methylphenols
Concen: 42.274 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion: 107 Resp: 333165
Ion Ratio Lower Upper
107 100
108 93.3 72.5 112.5
77 122.8 56.2 96.2#
79 31.0 10.8 50.8



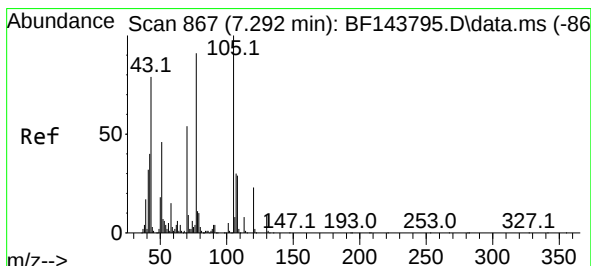
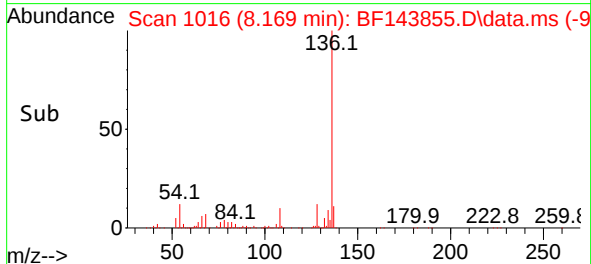
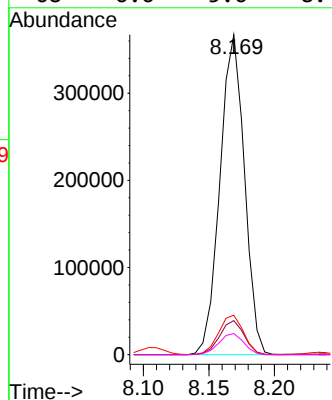
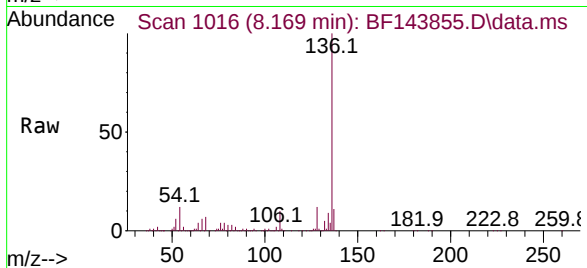


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Instrument :
BNA_F
ClientSampleId :
PB169953BS

Tgt Ion:136 Resp: 477613

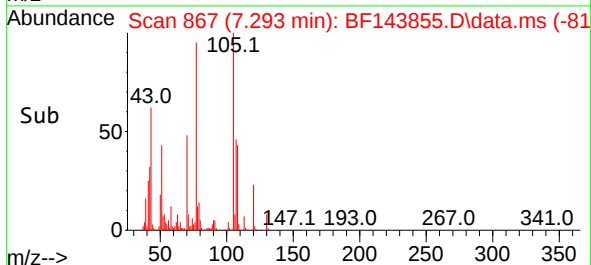
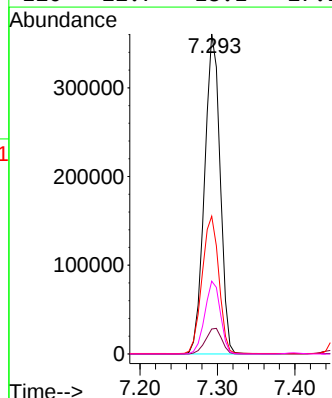
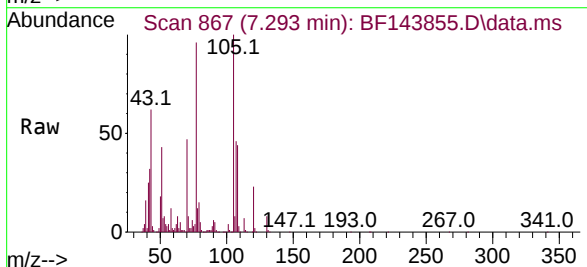
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	12.3	11.2	16.8
68	6.6	5.6	8.4

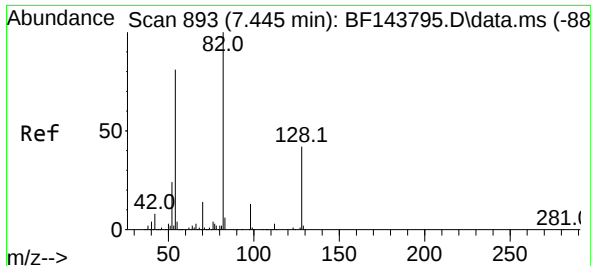


#22
Acetophenone
Concen: 48.171 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:105 Resp: 505321

Ion	Ratio	Lower	Upper
105	100		
71	7.8	7.0	10.4
51	43.0	36.6	55.0
120	22.7	18.1	27.1

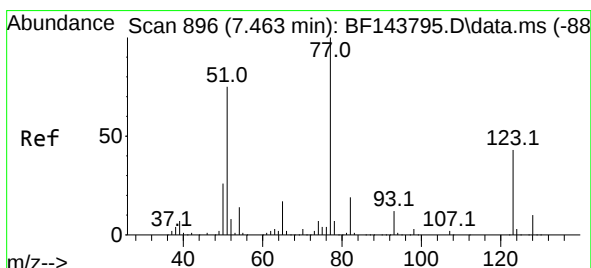
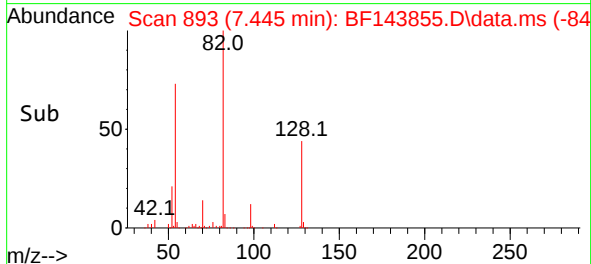
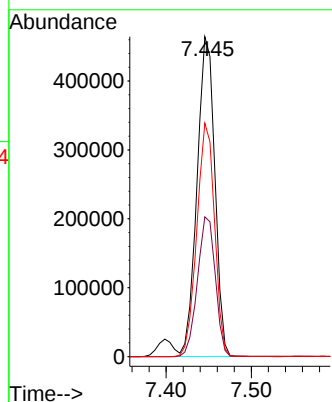
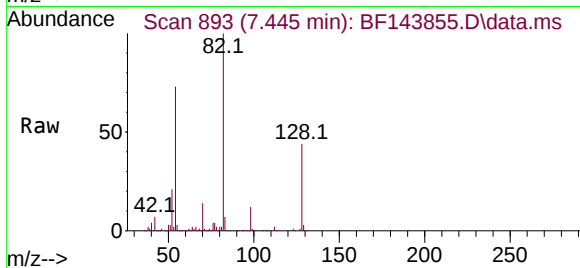




#23
Nitrobenzene-d5
Concen: 86.081 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

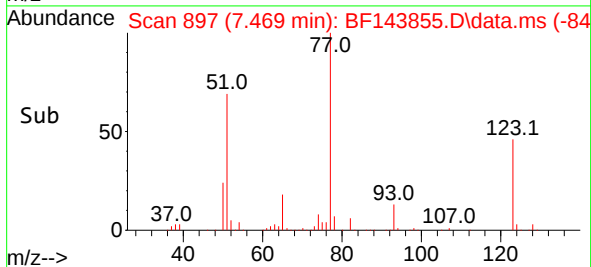
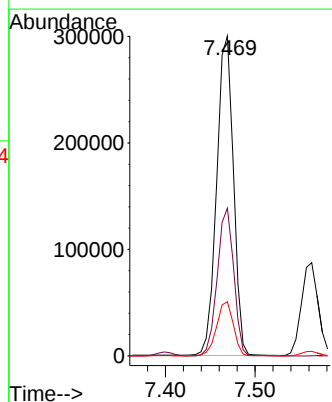
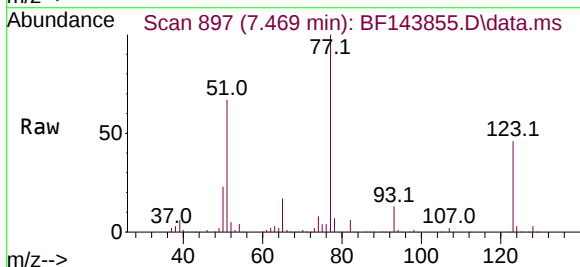
Instrument :
BNA_F
ClientSampleId :
PB169953BS

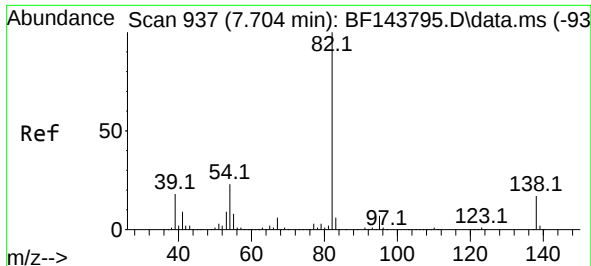
Tgt Ion: 82 Resp: 671661
Ion Ratio Lower Upper
82 100
128 43.7 33.3 49.9
54 72.9 64.2 96.4



#24
Nitrobenzene
Concen: 45.046 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion: 77 Resp: 389590
Ion Ratio Lower Upper
77 100
123 46.2 34.0 51.0
65 16.9 13.5 20.3

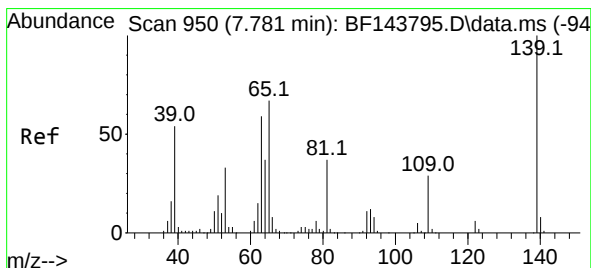
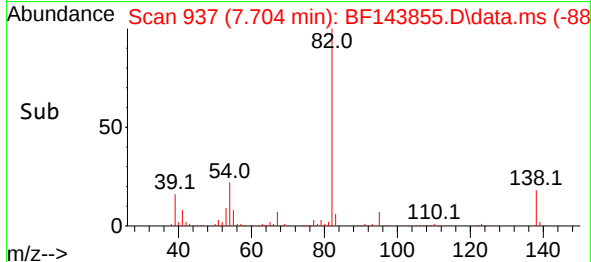
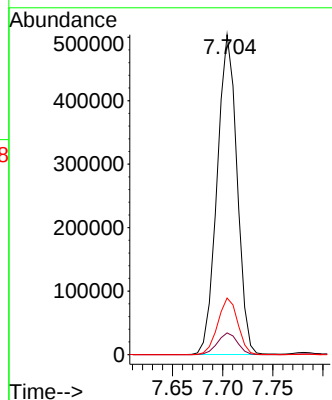
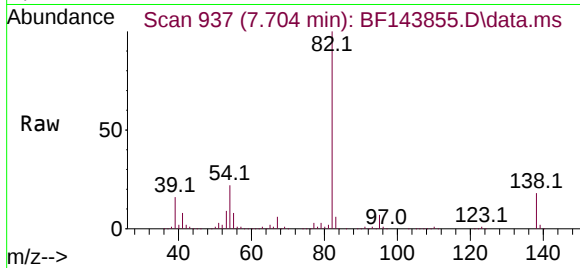




#25
Isophorone
Concen: 45.822 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

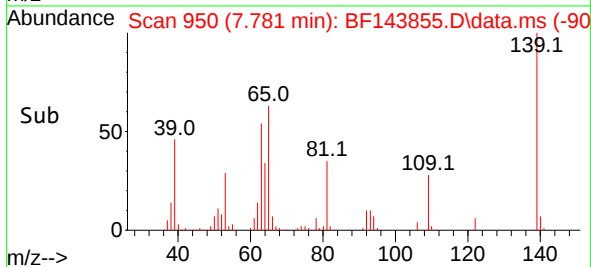
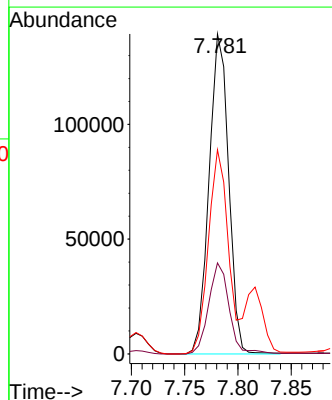
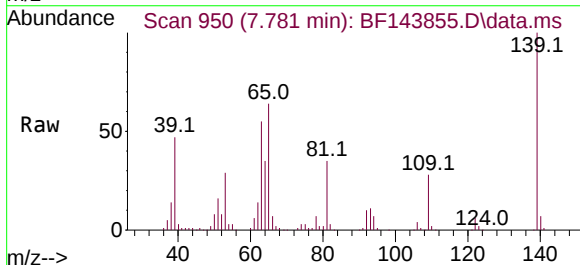
Instrument :
BNA_F
ClientSampleId :
PB169953BS

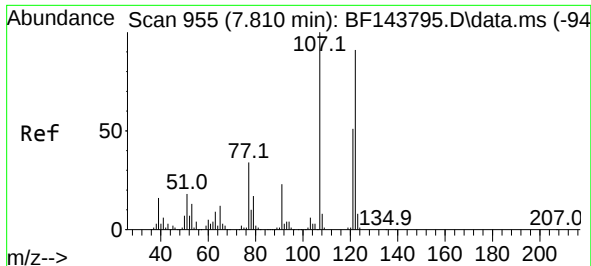
Tgt Ion: 82 Resp: 696722
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.7 13.7 20.5



#26
2-Nitrophenol
Concen: 50.050 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:139 Resp: 178148
Ion Ratio Lower Upper
139 100
109 28.4 23.3 34.9
65 63.8 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 47.866 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143855.D

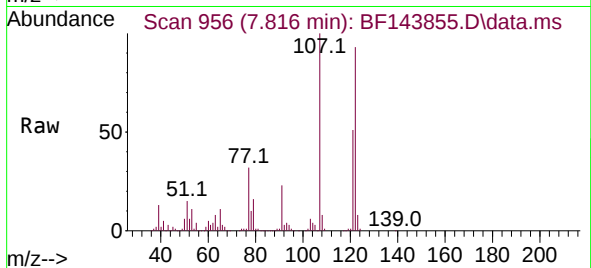
Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS



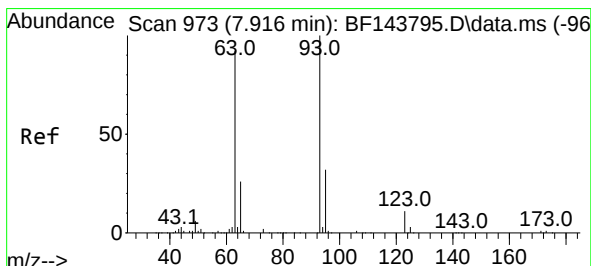
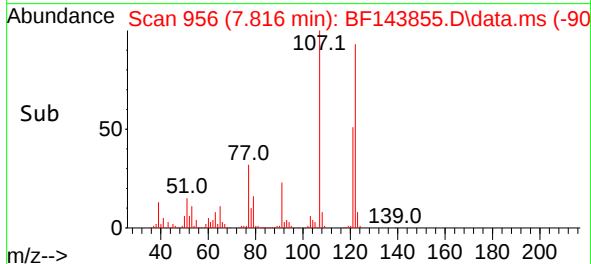
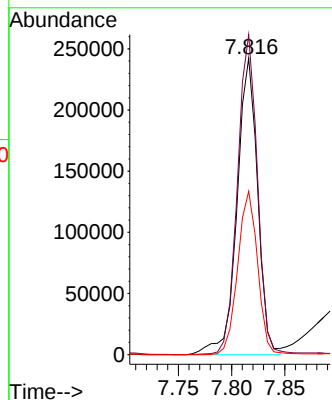
Tgt Ion:122 Resp: 325295

Ion Ratio Lower Upper

122 100

107 108.0 87.5 131.3

121 55.1 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.198 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

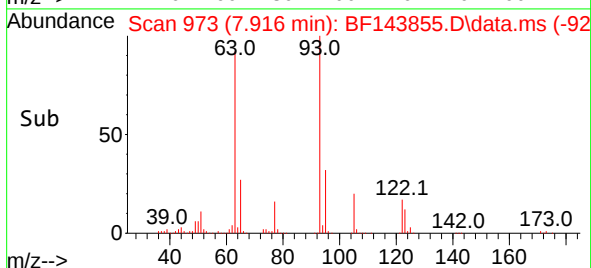
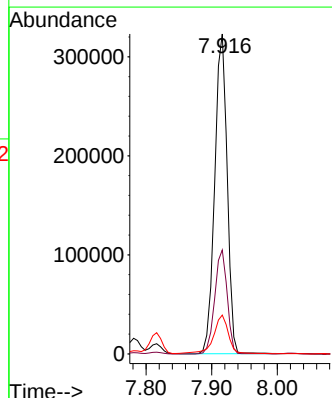
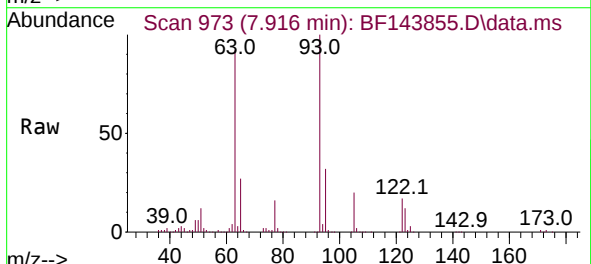
Tgt Ion: 93 Resp: 426731

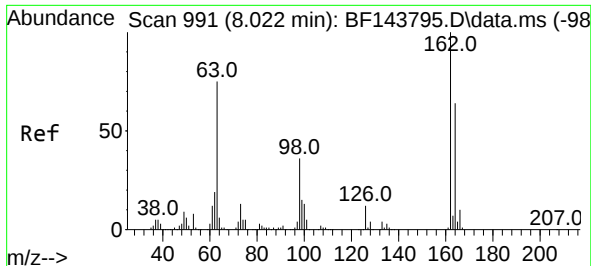
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 12.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.798 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

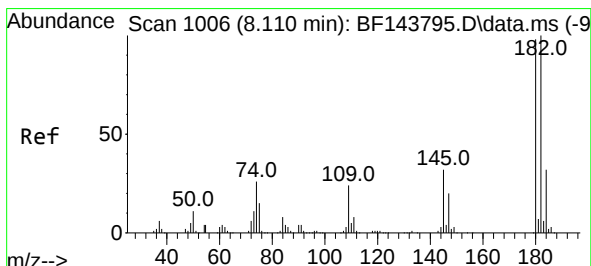
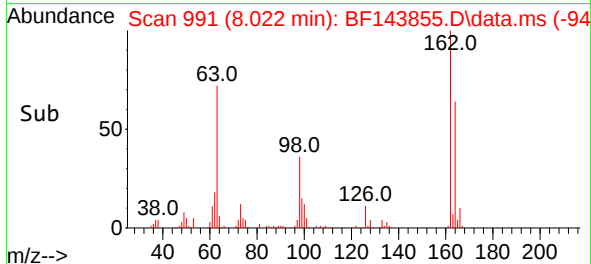
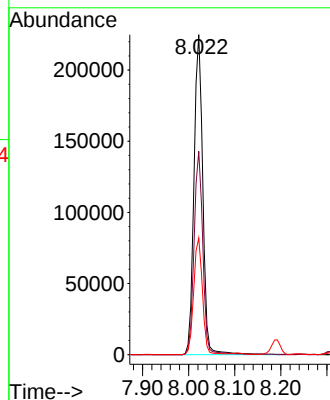
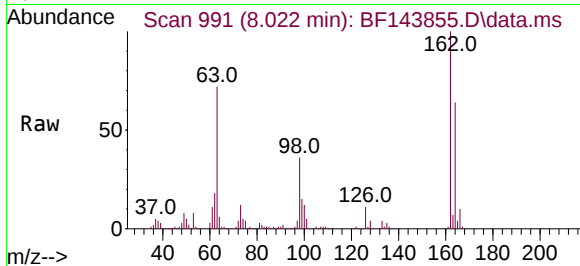
Tgt Ion:162 Resp: 299564

Ion Ratio Lower Upper

162 100

164 63.5 44.1 84.1

98 36.4 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 48.175 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

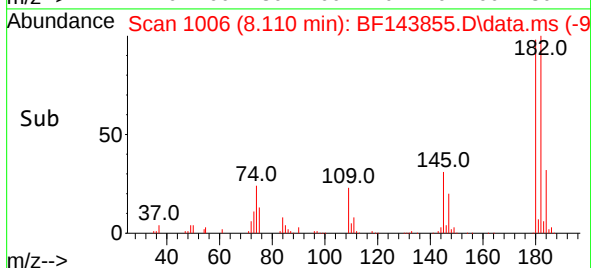
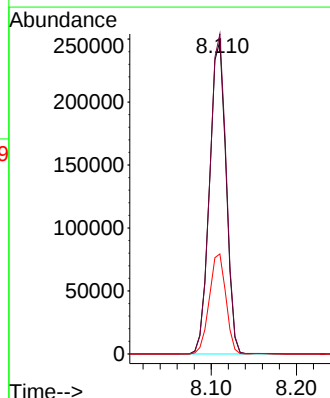
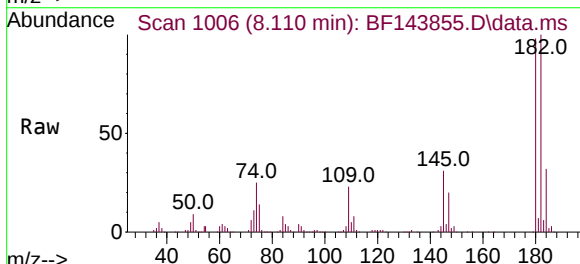
Tgt Ion:180 Resp: 334316

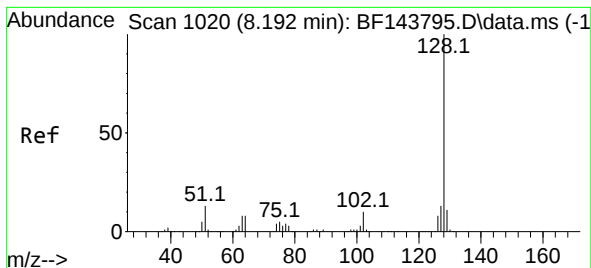
Ion Ratio Lower Upper

180 100

182 102.2 82.0 123.0

145 31.9 25.9 38.9





#31

Naphthalene

Concen: 43.542 ng

RT: 8.193 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

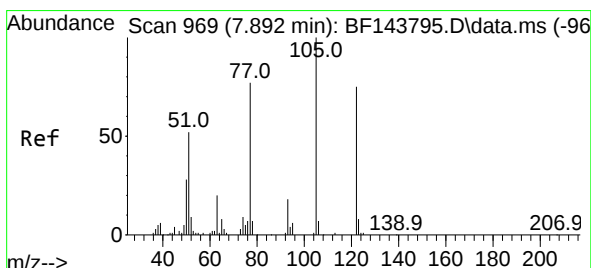
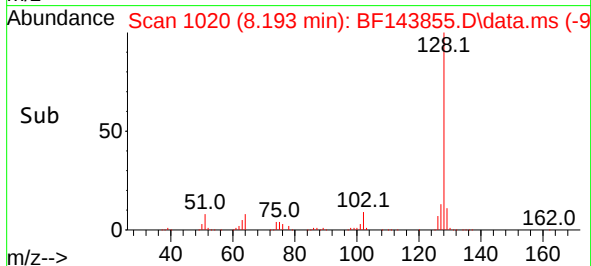
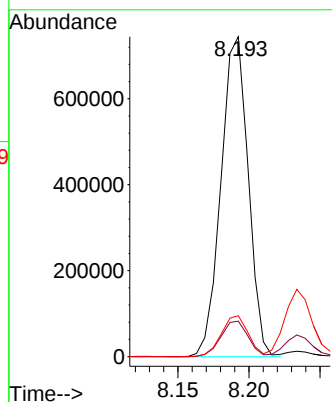
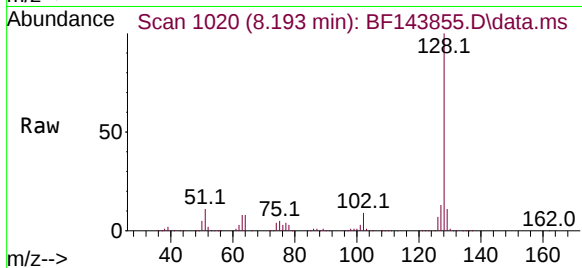
Tgt Ion:128 Resp: 995535

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 12.8 10.2 15.4



#32

Benzoic acid

Concen: 59.361 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

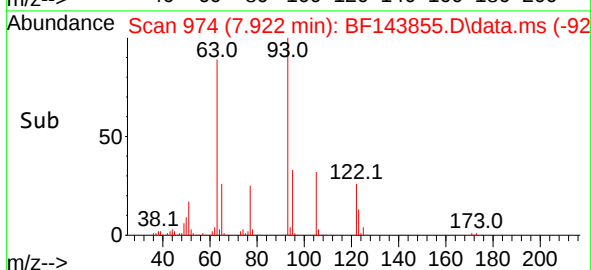
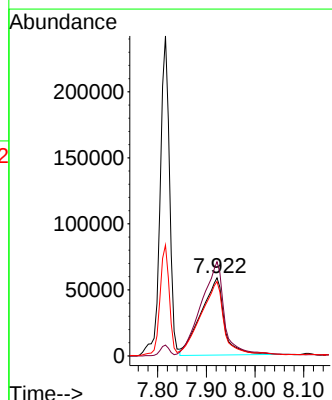
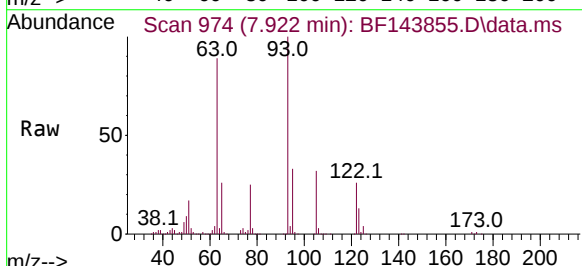
Tgt Ion:122 Resp: 194641

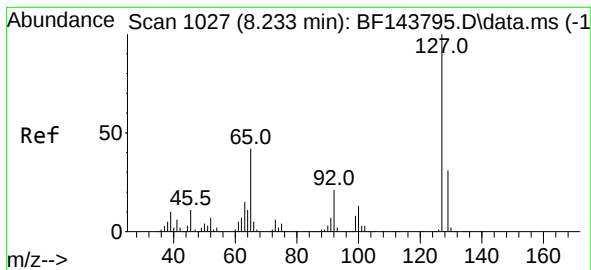
Ion Ratio Lower Upper

122 100

105 120.6 103.7 143.7

77 95.3 78.8 118.8

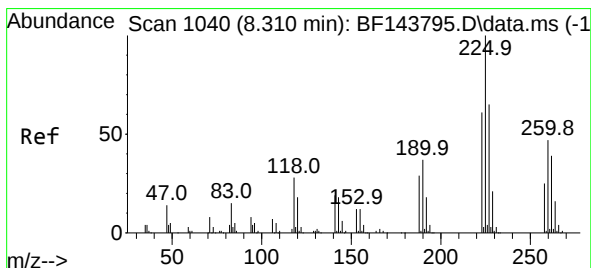
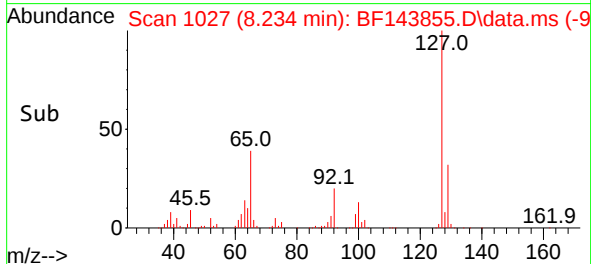
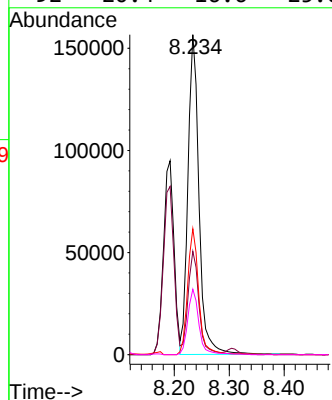
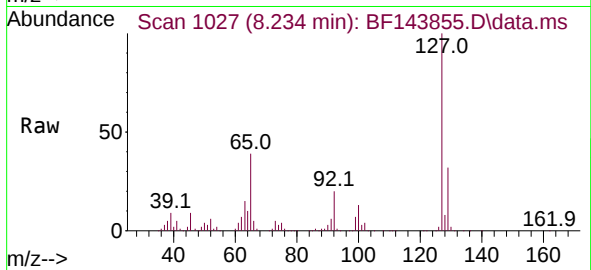




#33
4-Chloroaniline
Concen: 27.107 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

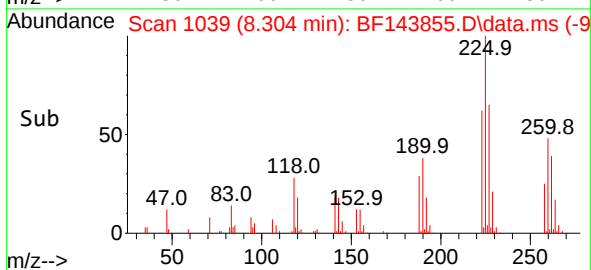
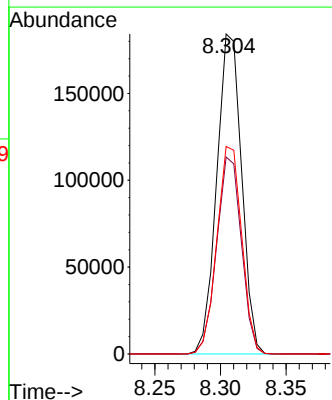
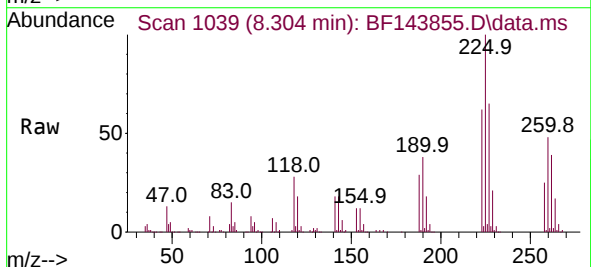
Instrument :
BNA_F
ClientSampleId :
PB169953BS

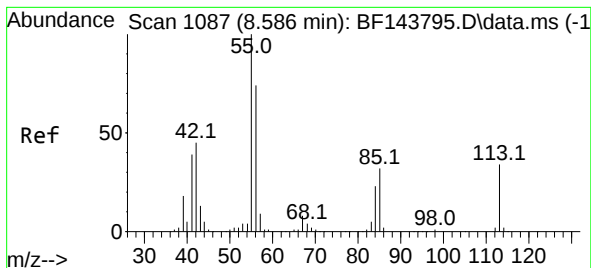
Tgt Ion:	127	Resp:	217802
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.4	38.2
65	39.4	33.4	50.2
92	20.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.071 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:	225	Resp:	243514
Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.6	72.8
227	64.8	51.9	77.9





#35

Caprolactam

Concen: 50.365 ng

RT: 8.598 min Scan# 1087

Delta R.T. -0.012 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

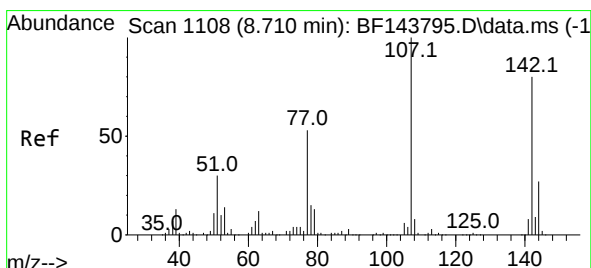
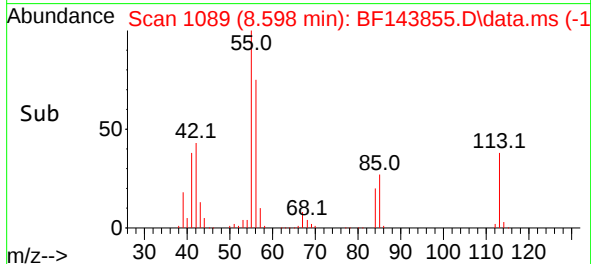
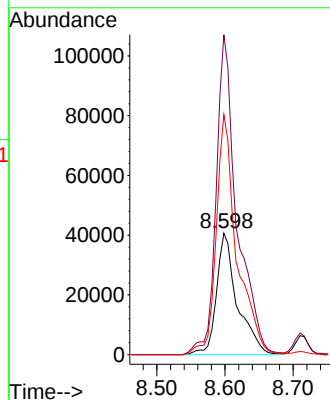
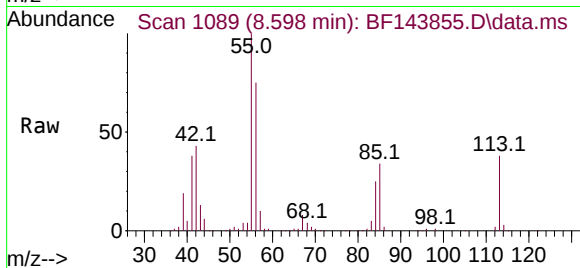
Tgt Ion:113 Resp: 86084

Ion Ratio Lower Upper

113 100

55 263.5 271.7 311.7#

56 197.6 194.5 234.5



#36

4-Chloro-3-methylphenol

Concen: 45.796 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

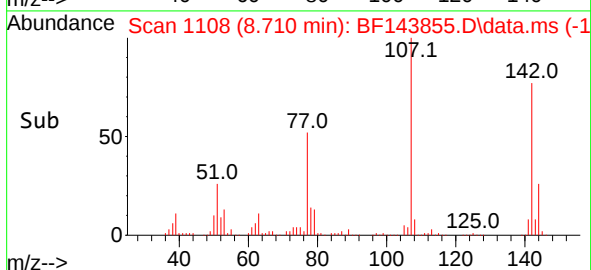
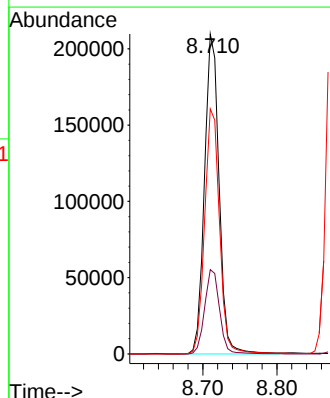
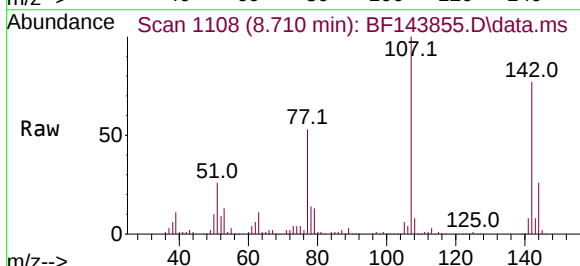
Tgt Ion:107 Resp: 287211

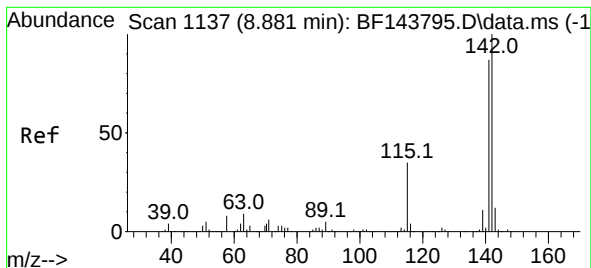
Ion Ratio Lower Upper

107 100

144 26.3 21.8 32.8

142 76.6 63.6 95.4

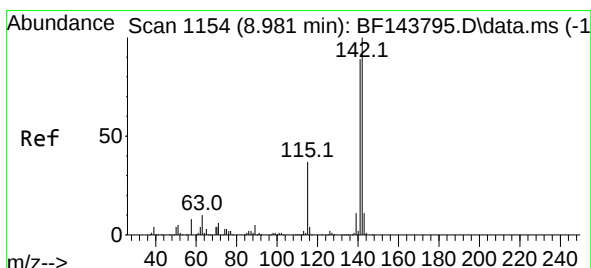
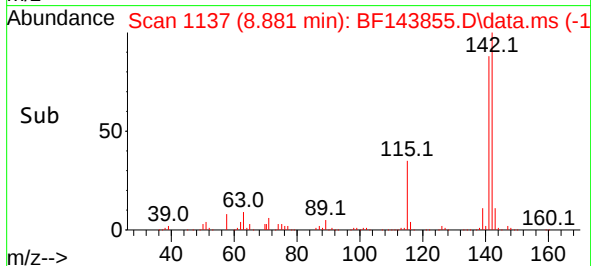
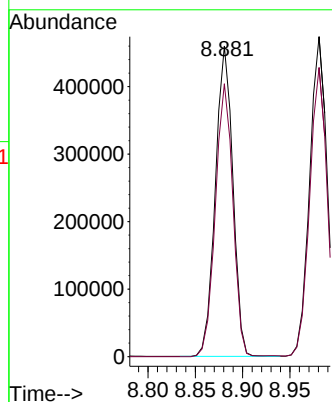
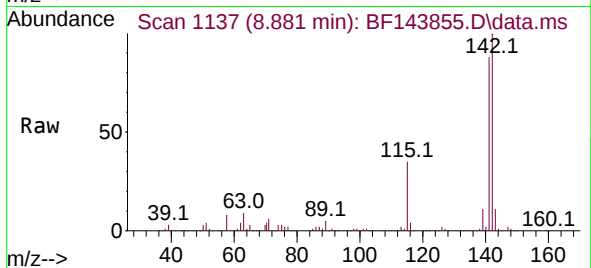




#37
2-Methylnaphthalene
Concen: 40.475 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

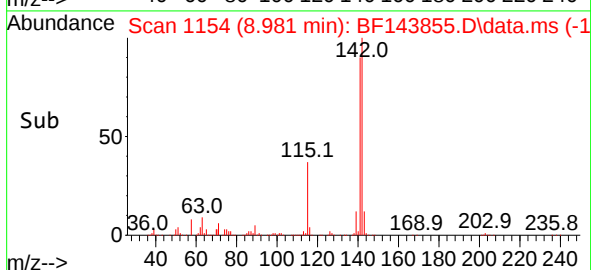
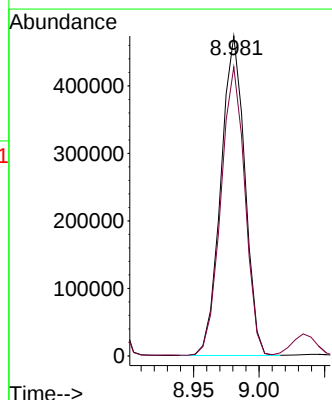
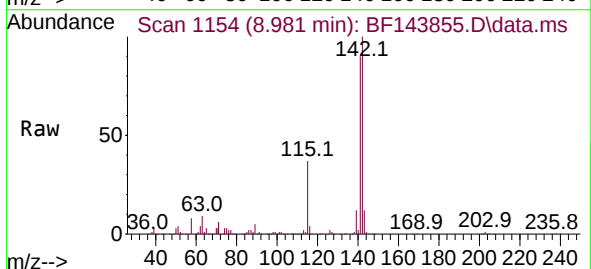
Instrument :
BNA_F
ClientSampleId :
PB169953BS

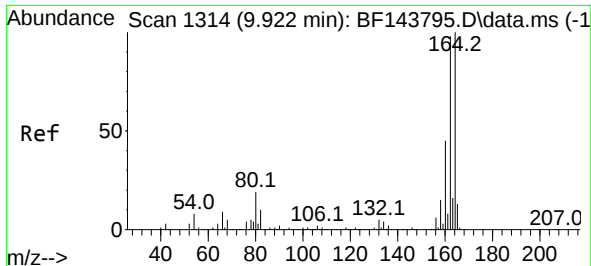
Tgt Ion:142 Resp: 590095
Ion Ratio Lower Upper
142 100
141 87.8 69.4 104.0



#38
1-Methylnaphthalene
Concen: 43.158 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:142 Resp: 602257
Ion Ratio Lower Upper
142 100
141 90.3 71.1 106.7

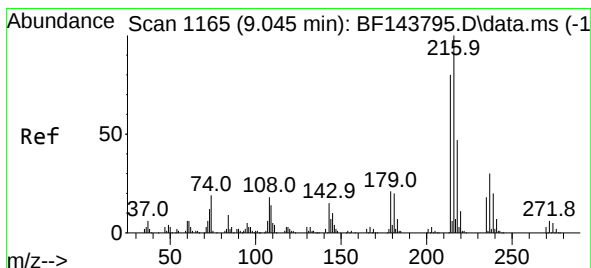
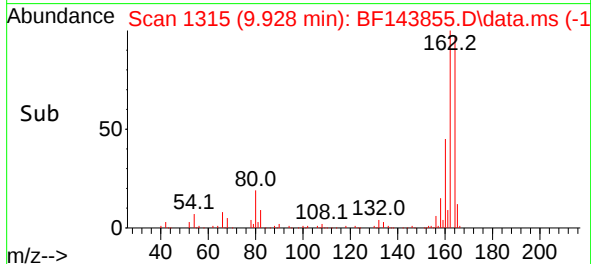
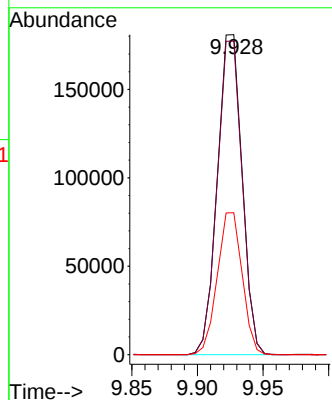
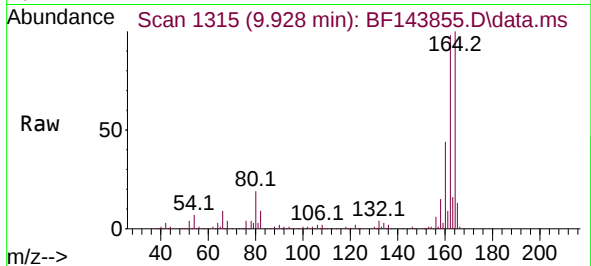




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

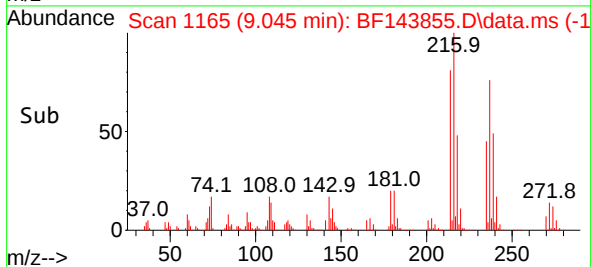
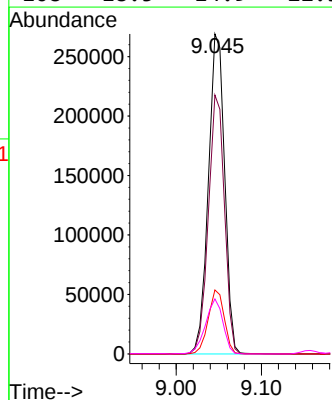
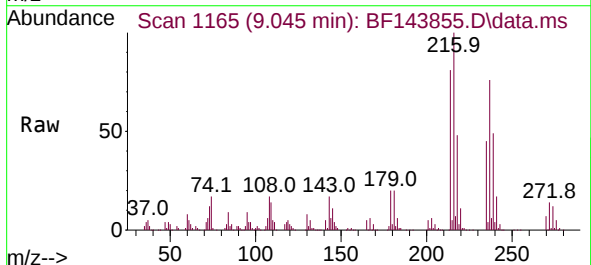
Instrument :
BNA_F
ClientSampleId :
PB169953BS

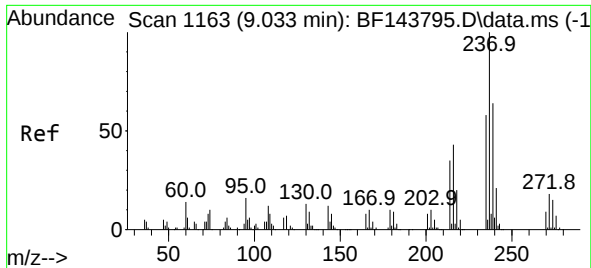
Tgt Ion:164 Resp: 238357
Ion Ratio Lower Upper
164 100
162 97.9 78.8 118.2
160 44.3 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.504 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

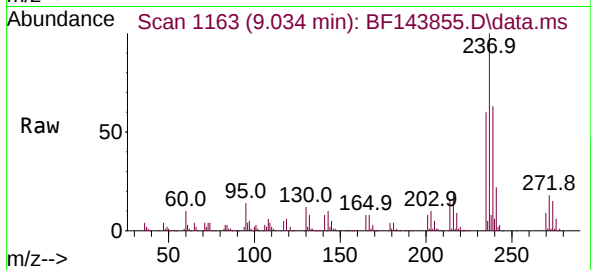
Tgt Ion:216 Resp: 356094
Ion Ratio Lower Upper
216 100
214 80.0 63.7 95.5
179 19.7 16.5 24.7
108 18.5 14.9 22.3



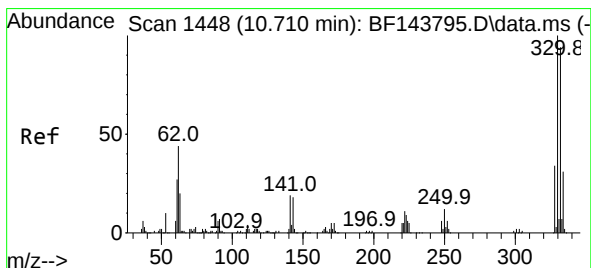
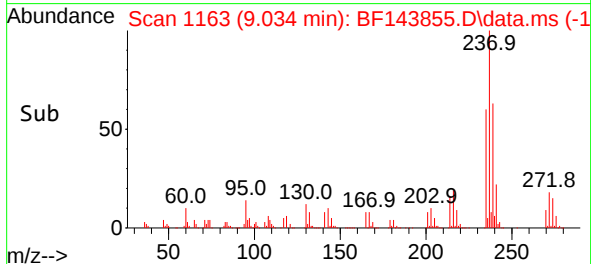
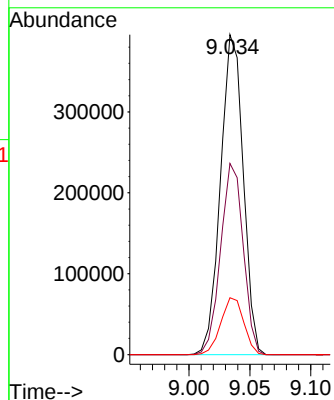


#41
Hexachlorocyclopentadiene
Concen: 112.761 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Instrument :
BNA_F
ClientSampleId :
PB169953BS

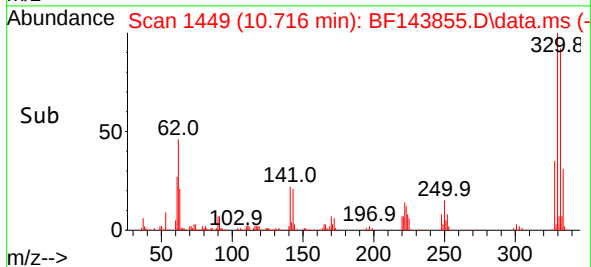
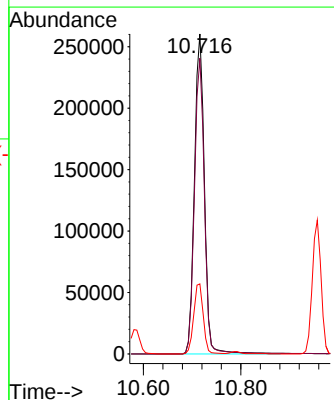
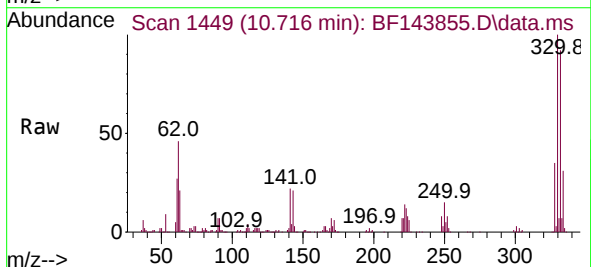


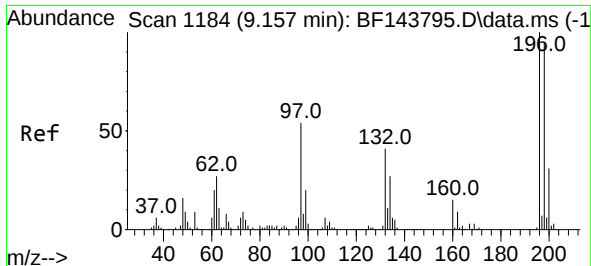
Tgt Ion:237 Resp: 514059
Ion Ratio Lower Upper
237 100
235 59.7 38.1 78.1
272 17.8 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 104.010 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:330 Resp: 367077
Ion Ratio Lower Upper
330 100
332 92.6 74.7 112.1
141 21.0 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 47.815 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

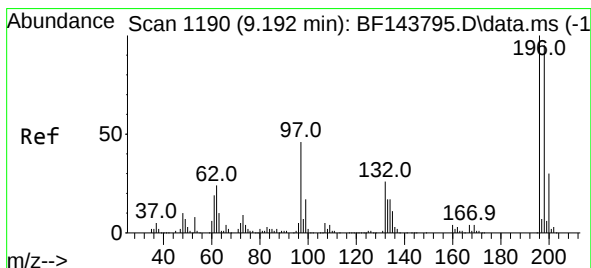
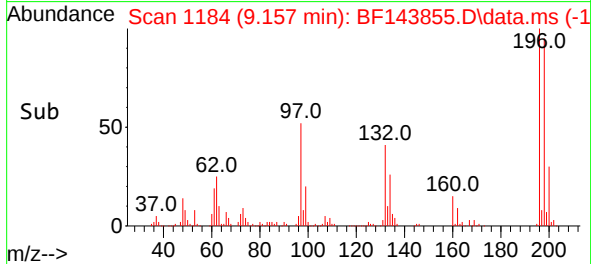
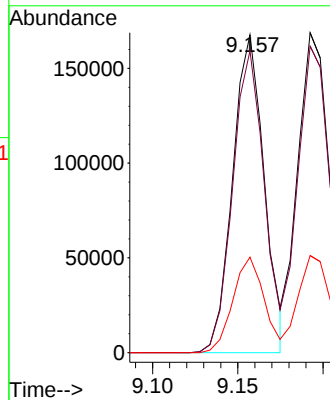
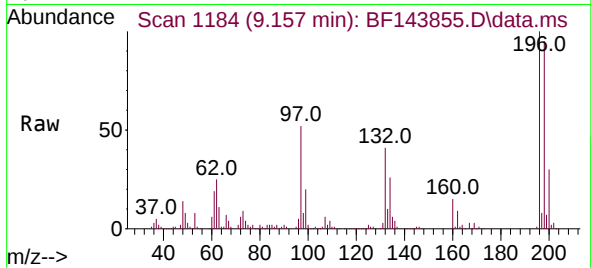
Tgt Ion:196 Resp: 215365

Ion Ratio Lower Upper

196 100

198 95.0 76.2 114.2

200 30.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 47.494 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Tgt Ion:196 Resp: 223754

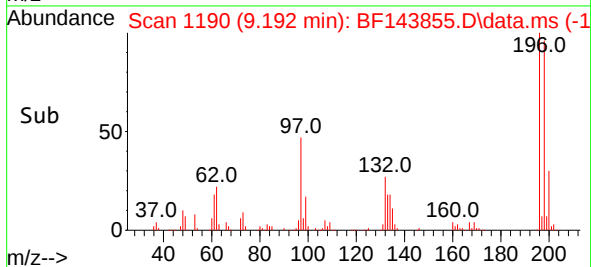
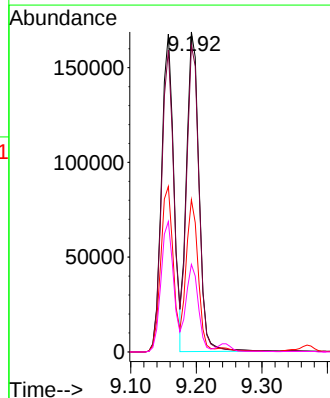
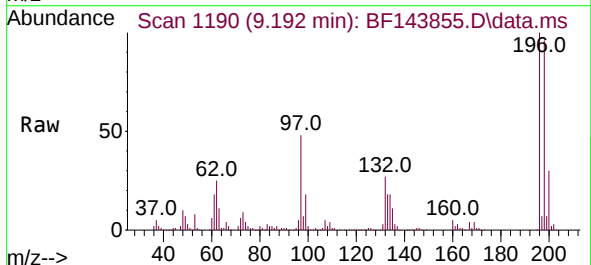
Ion Ratio Lower Upper

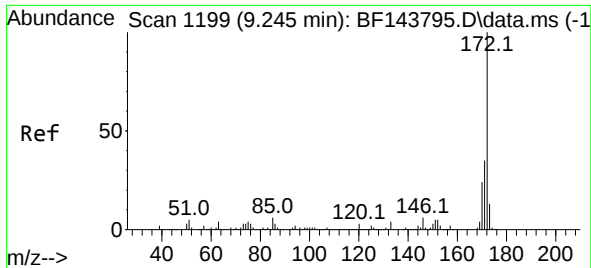
196 100

198 95.8 75.9 113.9

97 47.5 38.3 57.5

132 27.3 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 84.438 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

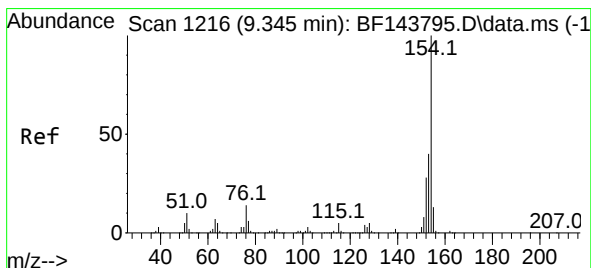
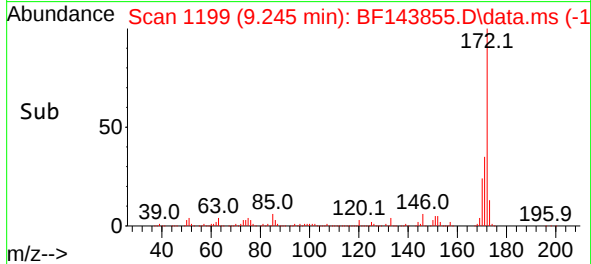
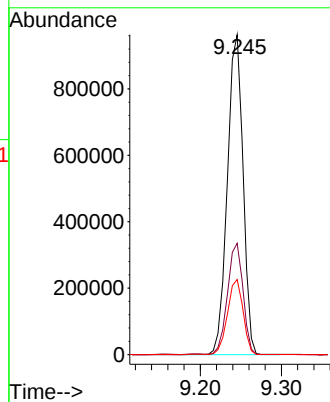
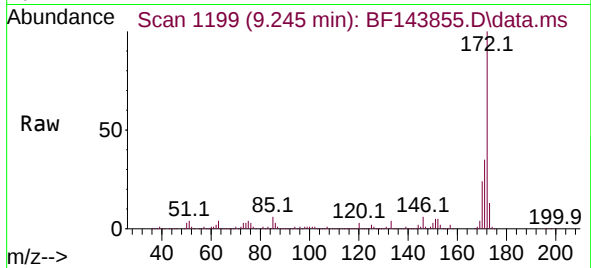
Tgt Ion:172 Resp: 1289750

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 48.680 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

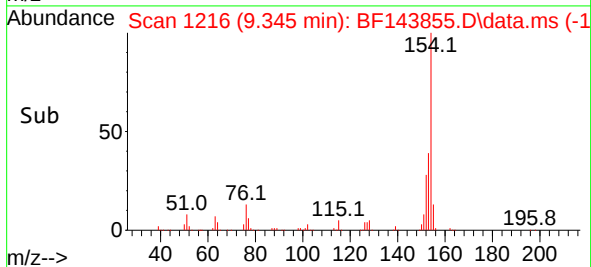
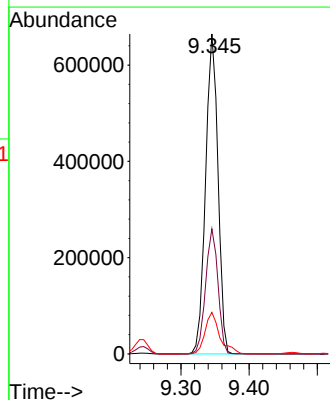
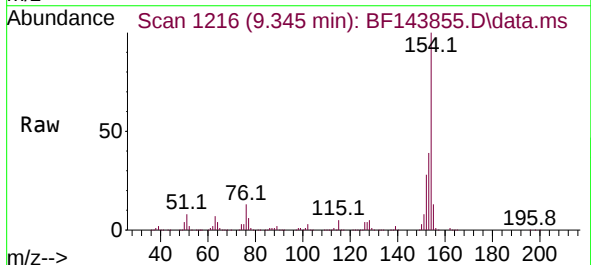
Tgt Ion:154 Resp: 839915

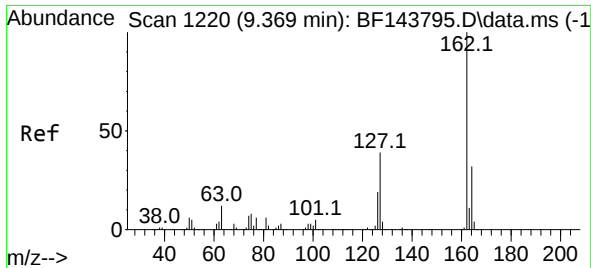
Ion Ratio Lower Upper

154 100

153 39.1 19.7 59.7

76 13.0 0.0 33.8

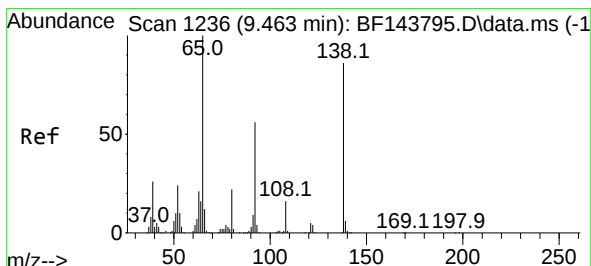
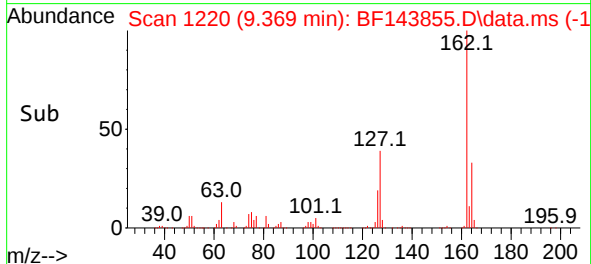
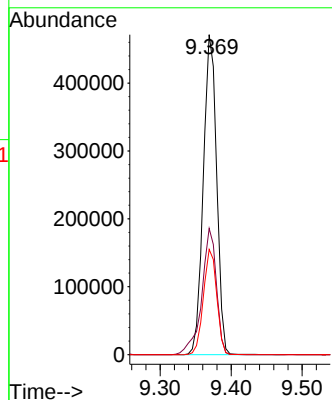
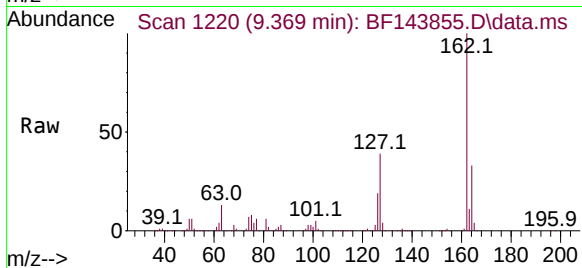




#47
2-Chloronaphthalene
Concen: 44.021 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

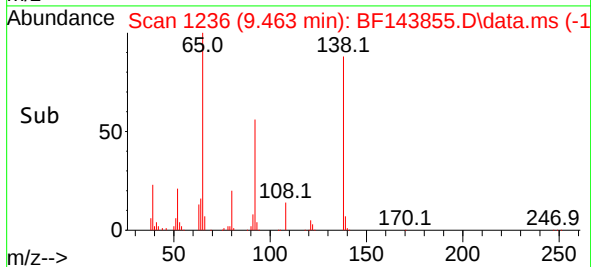
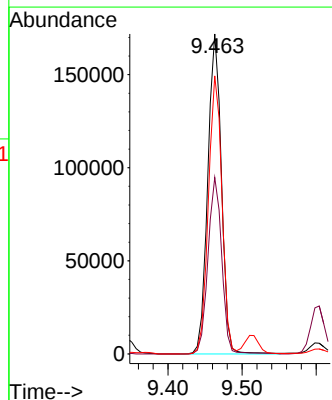
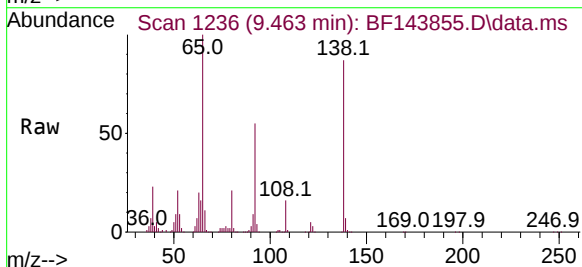
Instrument :
BNA_F
ClientSampleId :
PB169953BS

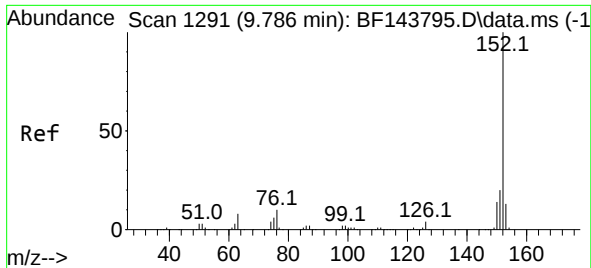
Tgt Ion:162 Resp: 611384
Ion Ratio Lower Upper
162 100
127 39.4 31.5 47.3
164 32.9 25.9 38.9



#48
2-Nitroaniline
Concen: 52.364 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion: 65 Resp: 219806
Ion Ratio Lower Upper
65 100
92 55.2 44.9 67.3
138 86.9 69.0 103.4

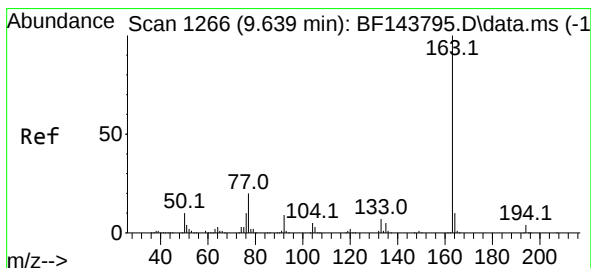
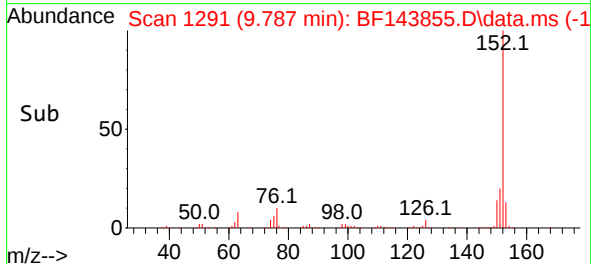
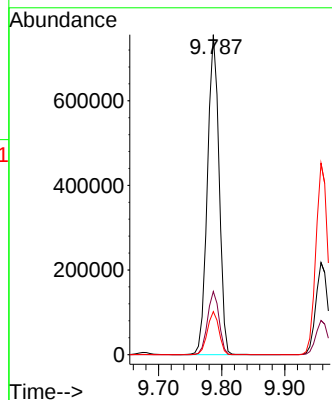
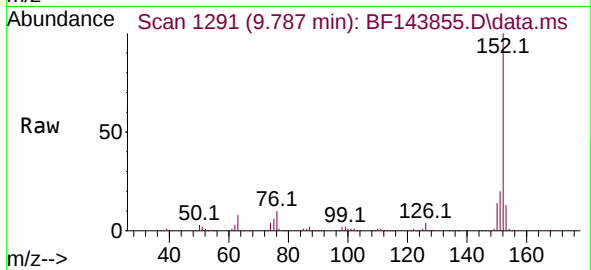




#49
Acenaphthylene
Concen: 50.484 ng
RT: 9.787 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

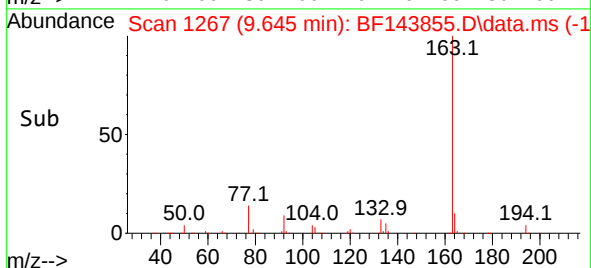
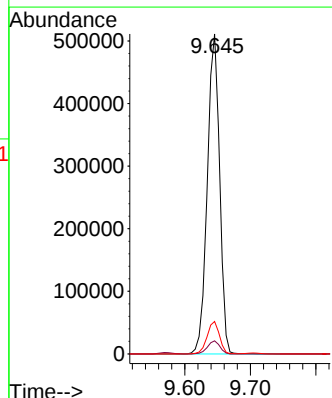
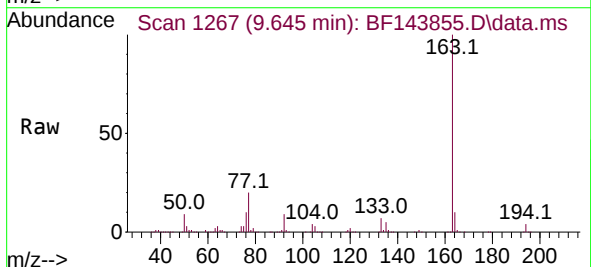
Instrument :
BNA_F
ClientSampleId :
PB169953BS

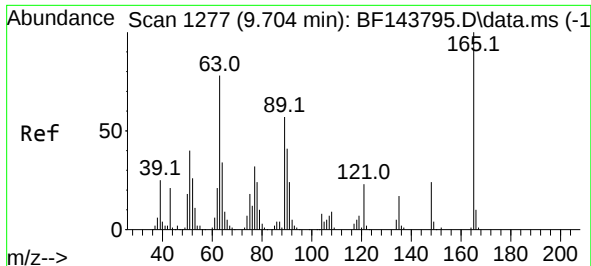
Tgt Ion:152 Resp: 965232
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 45.629 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:163 Resp: 662888
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.1 8.2 12.2

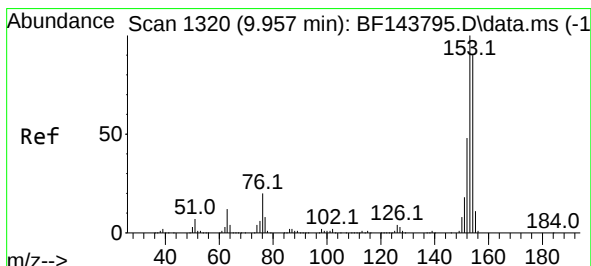
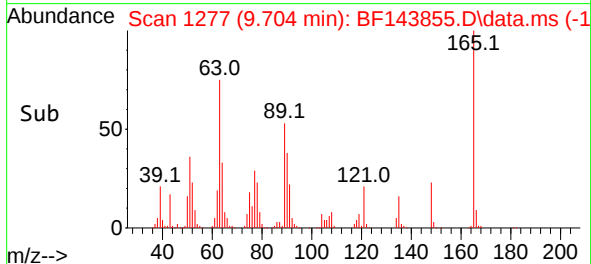
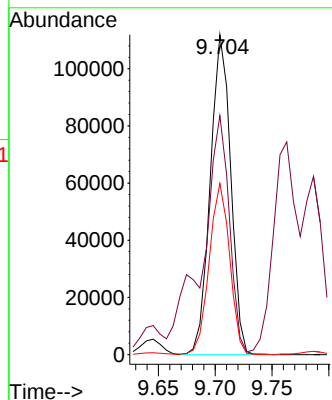
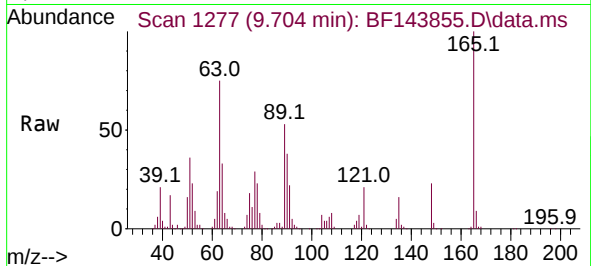




#51
2,6-Dinitrotoluene
Concen: 58.663 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

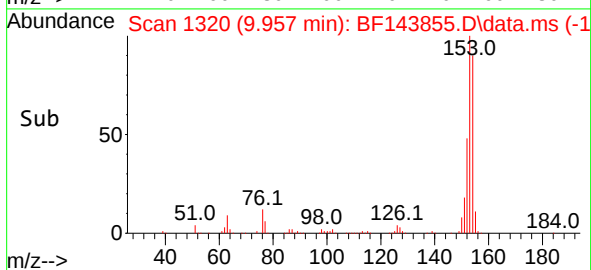
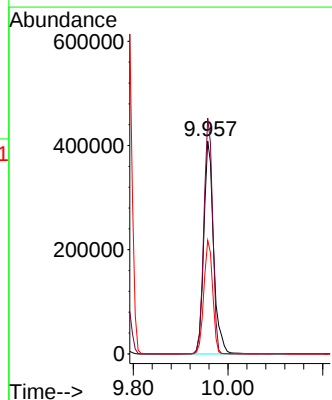
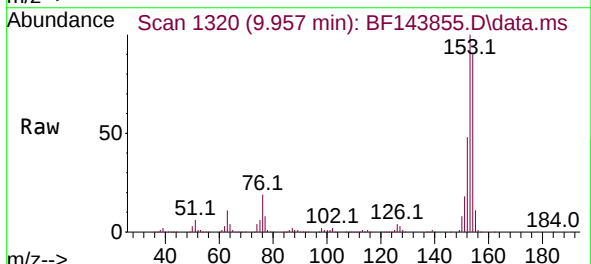
Instrument :
BNA_F
ClientSampleId :
PB169953BS

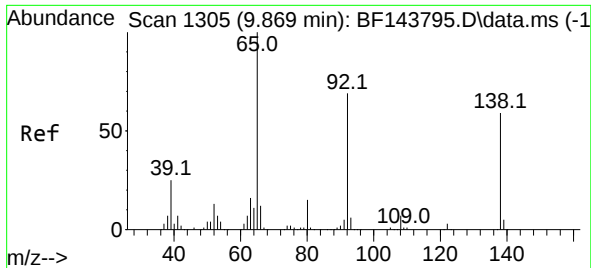
Tgt Ion:165 Resp: 140025
Ion Ratio Lower Upper
165 100
63 74.7 62.6 94.0
89 53.5 45.2 67.8



#52
Acenaphthene
Concen: 46.664 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:154 Resp: 587128
Ion Ratio Lower Upper
154 100
153 110.7 88.7 133.1
152 53.3 42.7 64.1

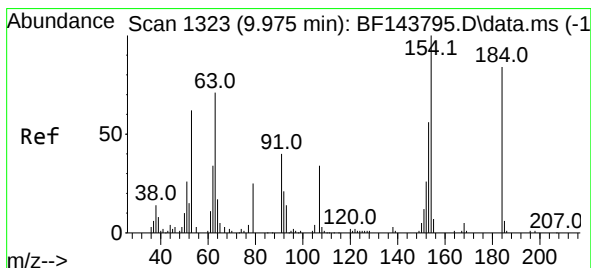
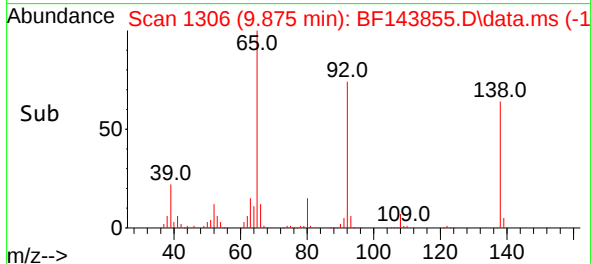
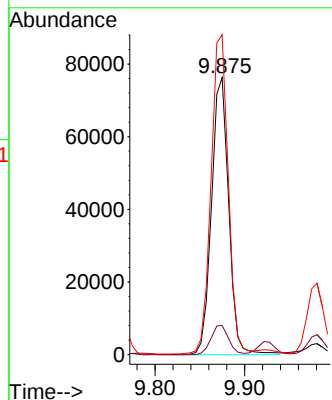
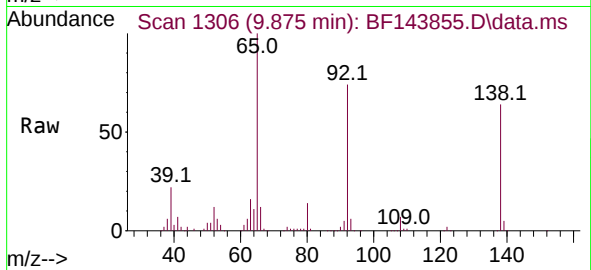




#53
3-Nitroaniline
Concen: 35.102 ng
RT: 9.875 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

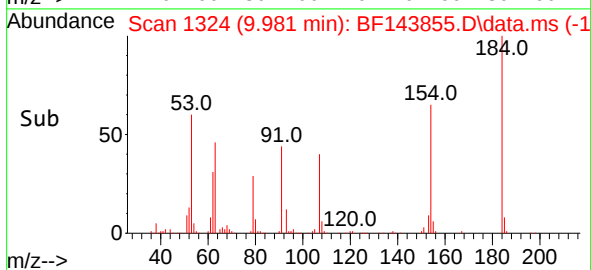
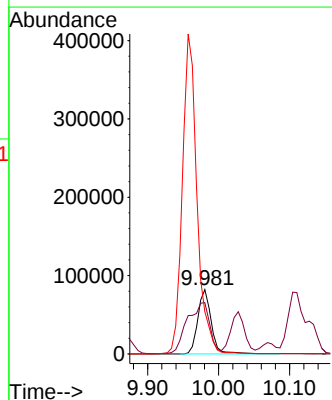
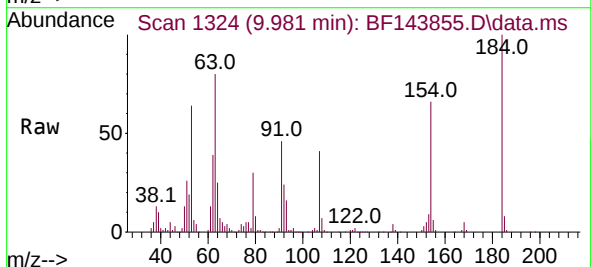
Instrument :
BNA_F
ClientSampleId :
PB169953BS

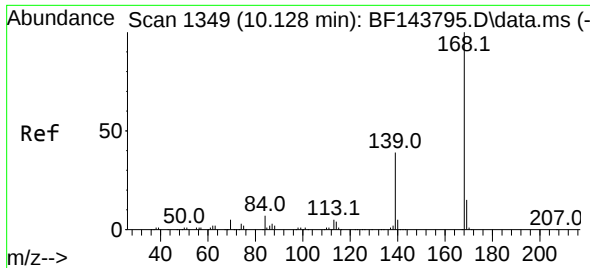
Tgt Ion:138 Resp: 101558
Ion Ratio Lower Upper
138 100
108 10.6 9.9 14.9
92 115.5 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 94.393 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:184 Resp: 107395
Ion Ratio Lower Upper
184 100
63 79.9 84.6 127.0#
154 65.7 199.3 298.9#

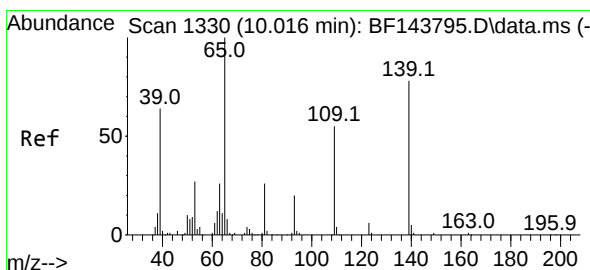
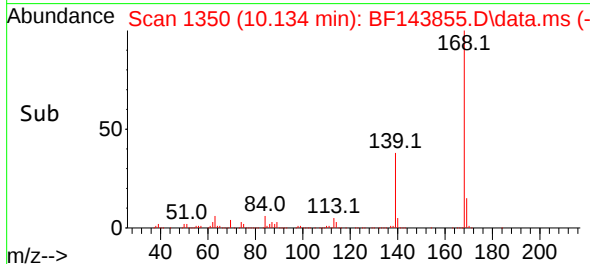
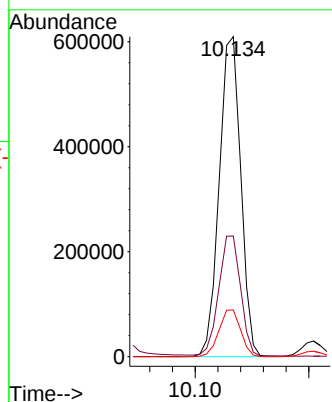
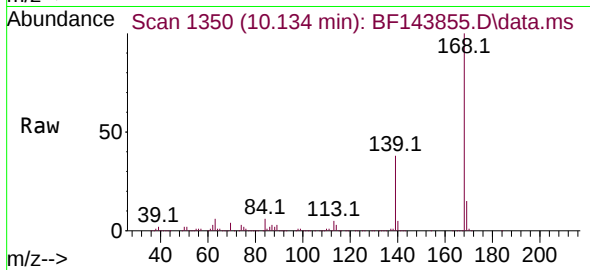




#55
Dibenzenofuran
Concen: 45.090 ng
RT: 10.134 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

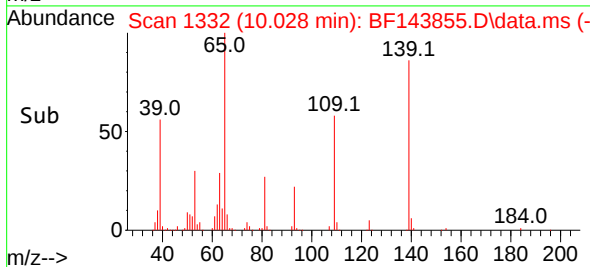
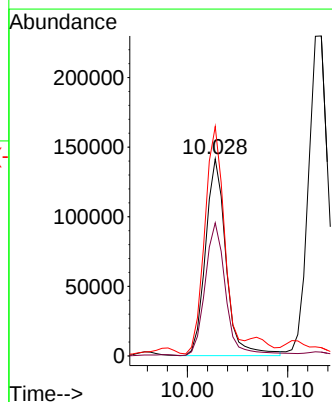
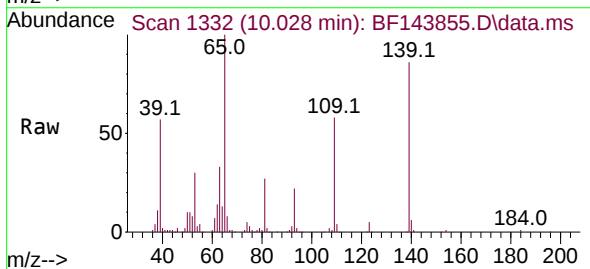
Instrument :
BNA_F
ClientSampleId :
PB169953BS

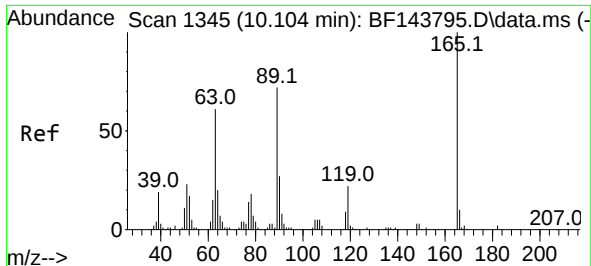
Tgt Ion:168 Resp: 802245
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.6
169 14.6 11.9 17.9



#56
4-Nitrophenol
Concen: 85.981 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:139 Resp: 200464
Ion Ratio Lower Upper
139 100
109 67.5 50.2 90.2
65 116.4 109.2 149.2

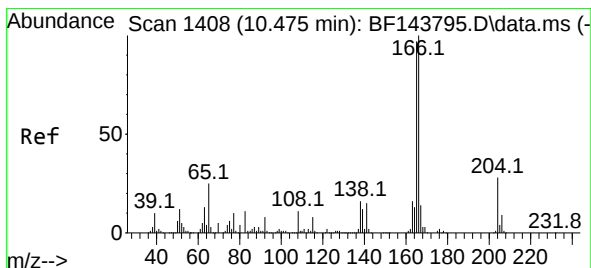
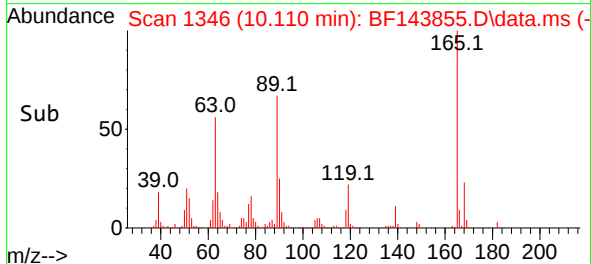
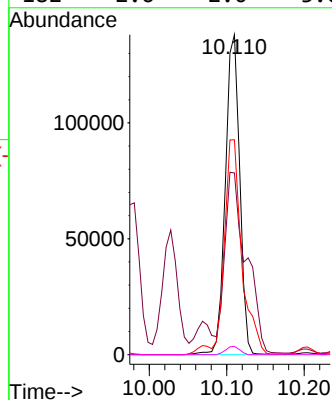
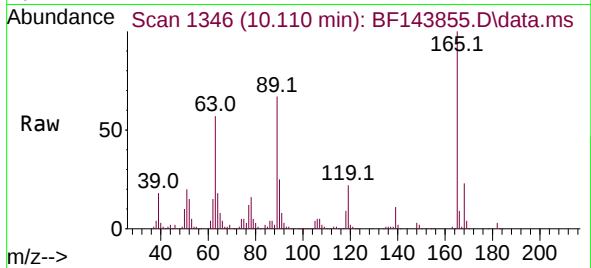




#57
2,4-Dinitrotoluene
Concen: 50.215 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

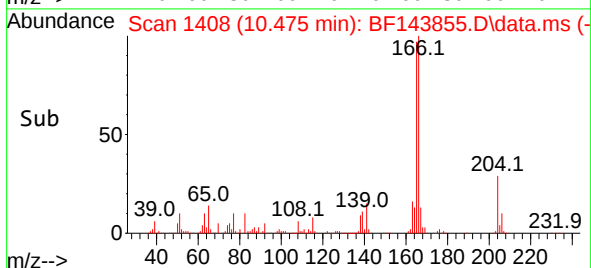
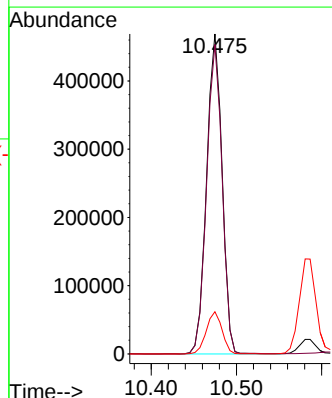
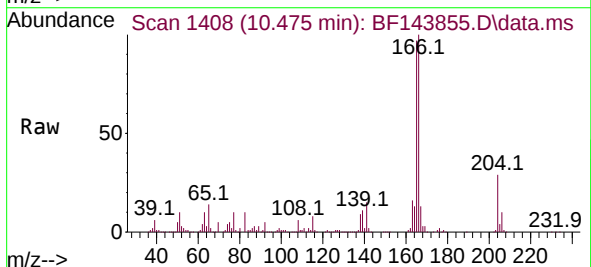
Instrument :
BNA_F
ClientSampleId :
PB169953BS

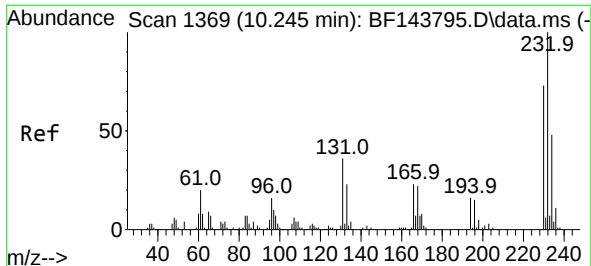
Tgt Ion:165 Resp: 178413
Ion Ratio Lower Upper
165 100
63 56.8 48.9 73.3
89 67.1 57.5 86.3
182 2.6 2.0 3.0



#58
Fluorene
Concen: 44.747 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:166 Resp: 591871
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 13.2 10.9 16.3

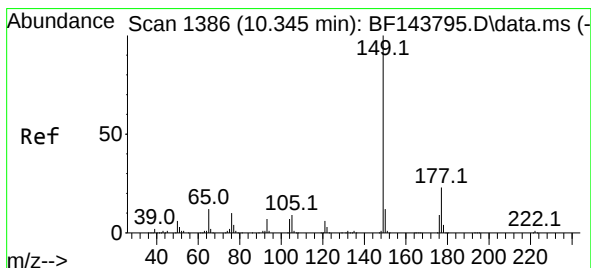
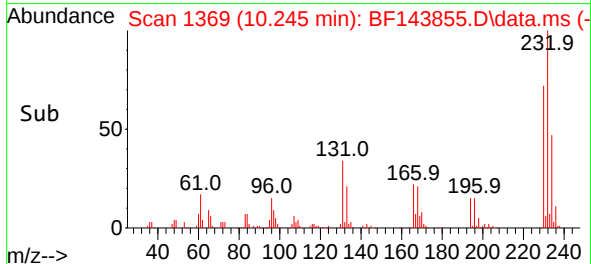
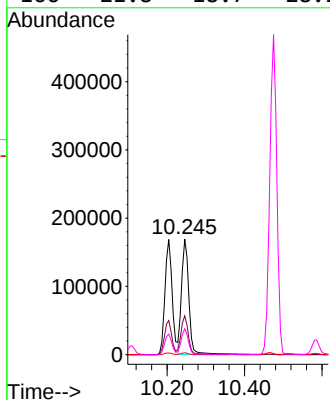
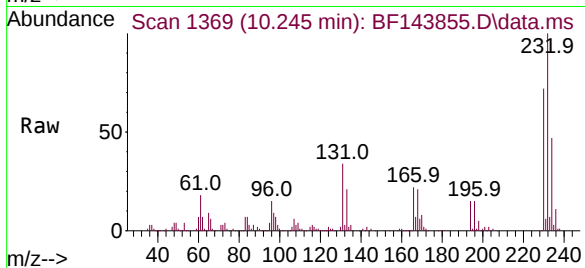




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.769 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

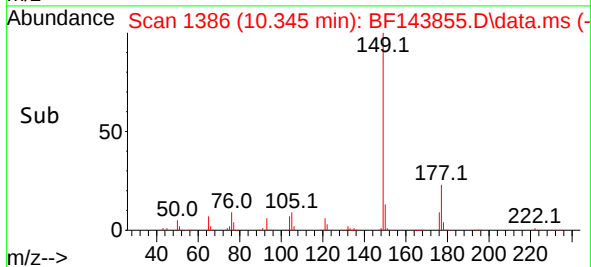
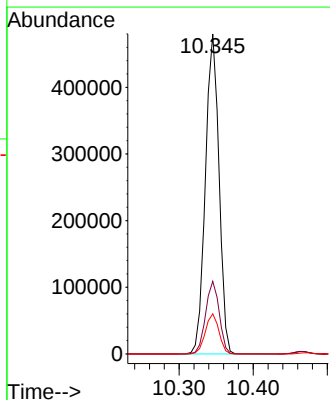
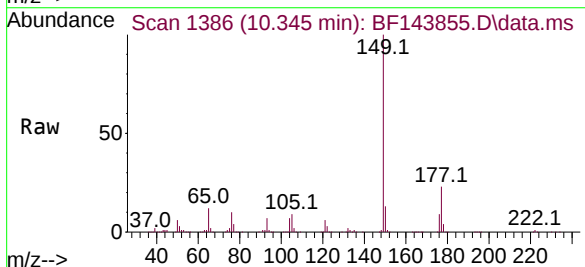
Instrument :
BNA_F
ClientSampleId :
PB169953BS

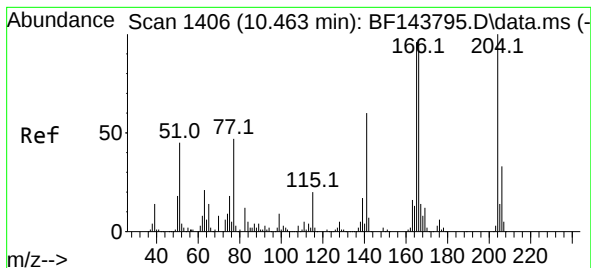
Tgt Ion:232 Resp: 221046
Ion Ratio Lower Upper
232 100
131 33.7 29.4 44.2
130 1.5 1.3 1.9
166 21.8 18.7 28.1



#60
Diethylphthalate
Concen: 44.916 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:149 Resp: 610835
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.5 9.7 14.5

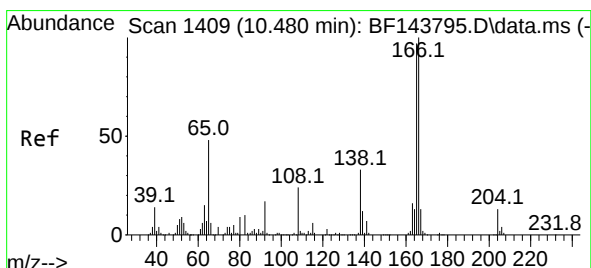
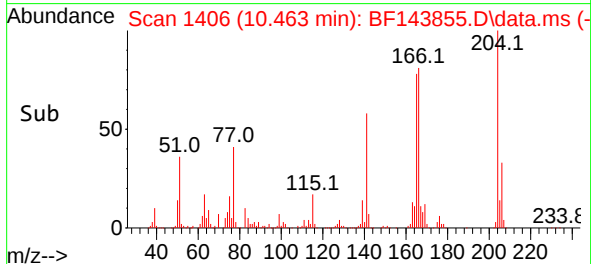
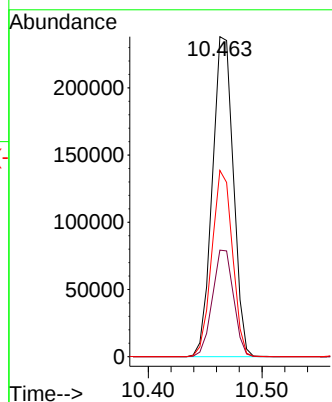
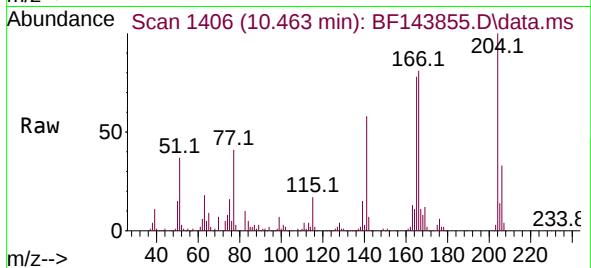




#61
4-Chlorophenyl-phenylether
Concen: 45.406 ng
RT: 10.463 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

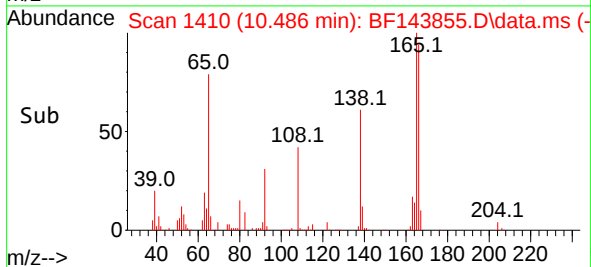
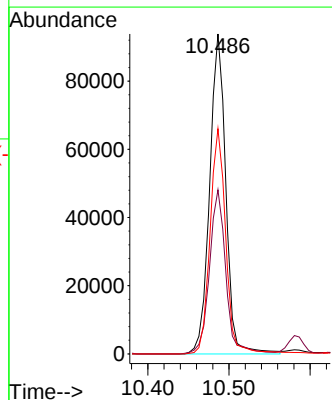
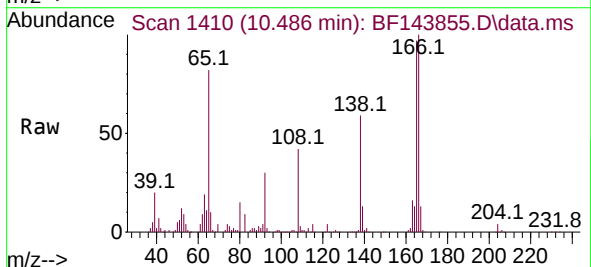
Instrument :
BNA_F
ClientSampleId :
PB169953BS

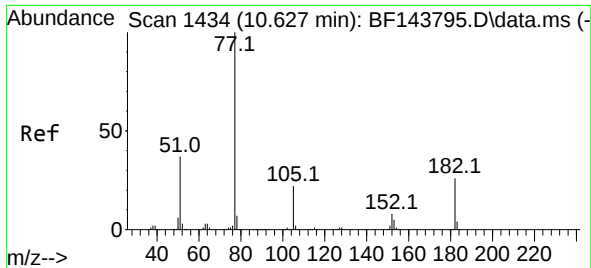
Tgt Ion:204 Resp: 306013
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 58.2 48.2 72.2



#62
4-Nitroaniline
Concen: 47.829 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:138 Resp: 130116
Ion Ratio Lower Upper
138 100
92 51.3 31.5 71.5
108 70.4 51.9 91.9

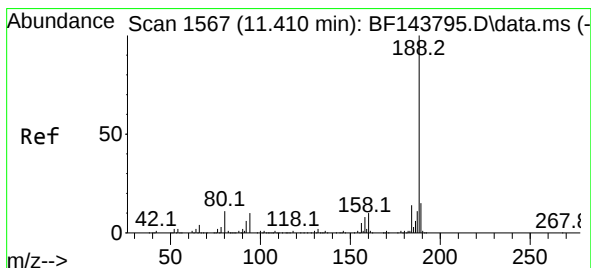
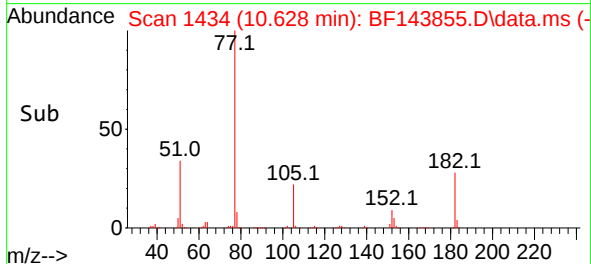
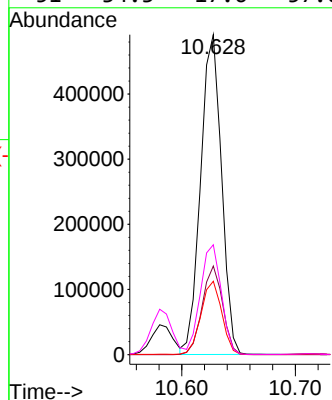
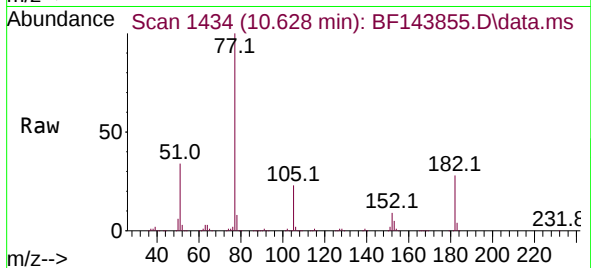




#63
Azobenzene
Concen: 43.768 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

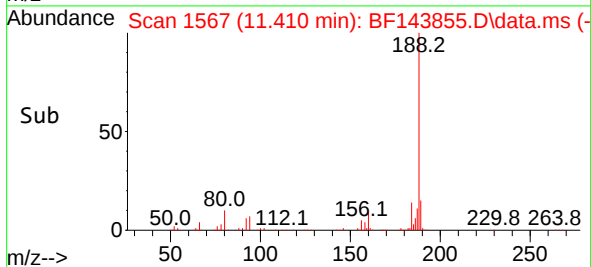
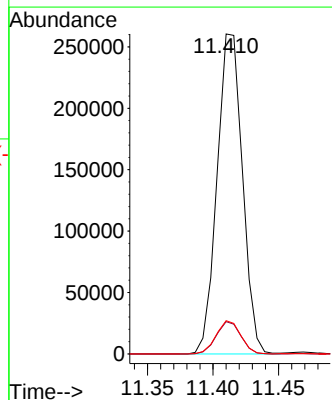
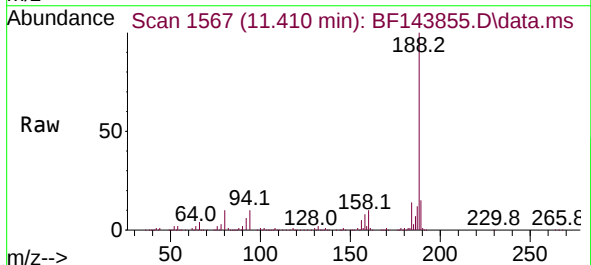
Instrument :
BNA_F
ClientSampleId :
PB169953BS

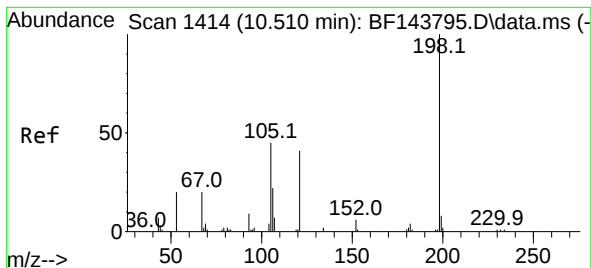
Tgt Ion: 77	Resp: 627301
Ion Ratio	Lower Upper
77 100	
182 27.7	5.9 45.9
105 22.9	2.3 42.3
51 34.3	17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:188	Resp: 352292
Ion Ratio	Lower Upper
188 100	
94 10.1	8.2 12.2
80 10.4	8.6 12.8

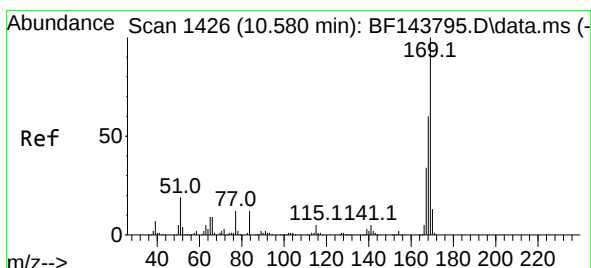
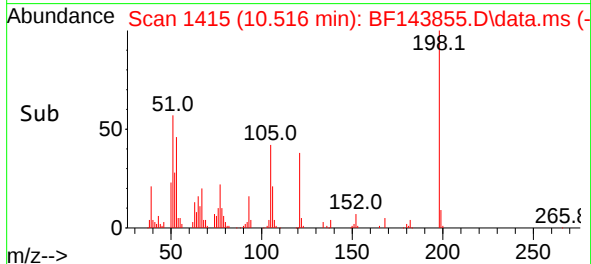
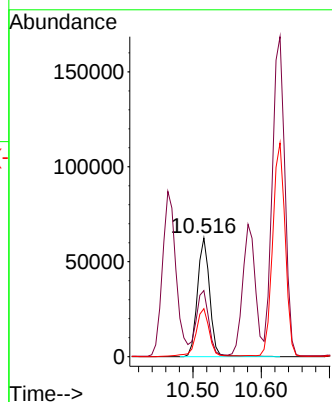
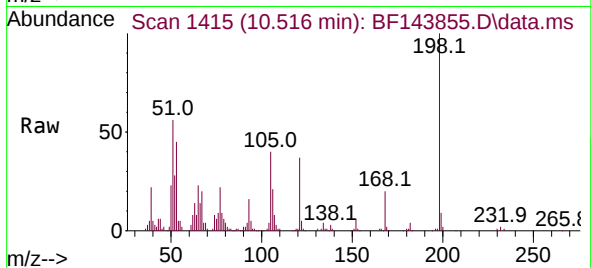




#65
4,6-Dinitro-2-methylphenol
Concen: 57.179 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

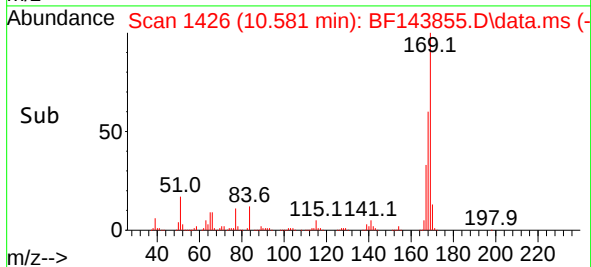
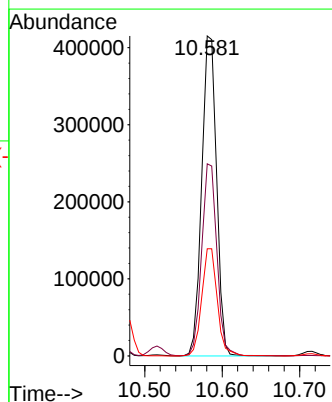
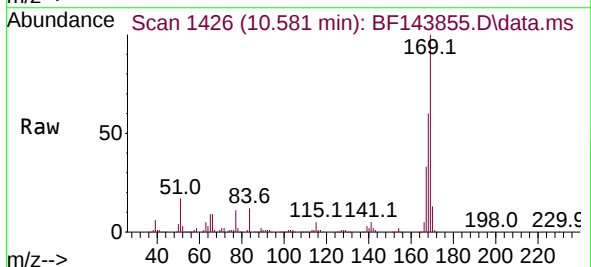
Instrument :
BNA_F
ClientSampleId :
PB169953BS

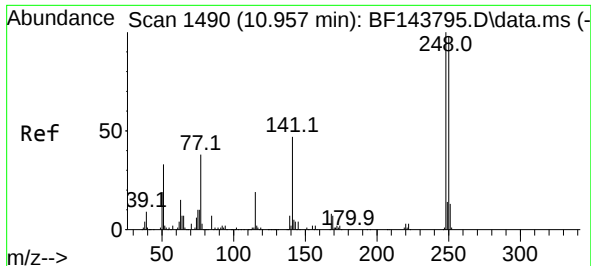
Tgt Ion:198 Resp: 77855
Ion Ratio Lower Upper
198 100
51 55.6 52.0 92.0
105 40.4 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 47.685 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:169 Resp: 552464
Ion Ratio Lower Upper
169 100
168 60.0 47.9 71.9
167 33.5 27.0 40.6

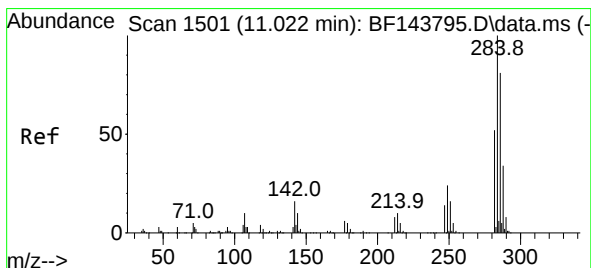
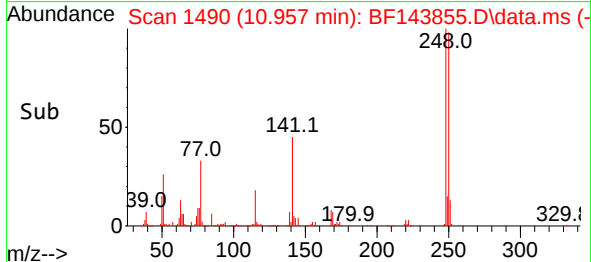
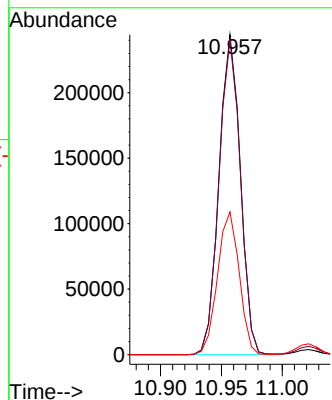
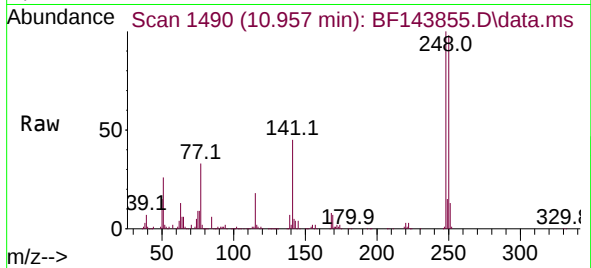




#67
4-Bromophenyl-phenylether
Concen: 49.865 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

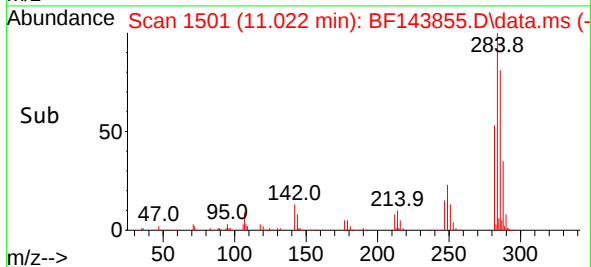
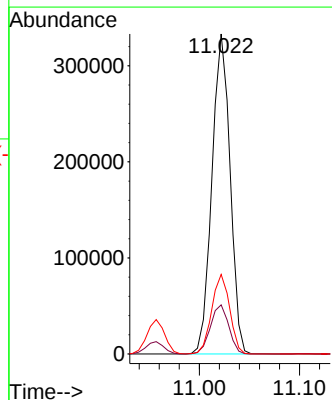
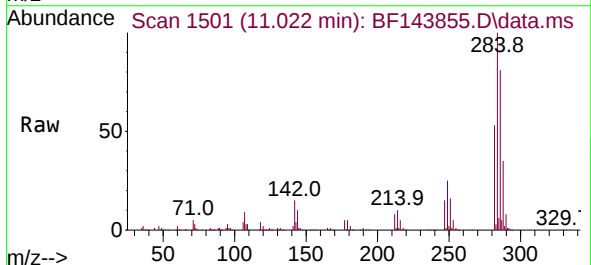
Instrument :
BNA_F
ClientSampleId :
PB169953BS

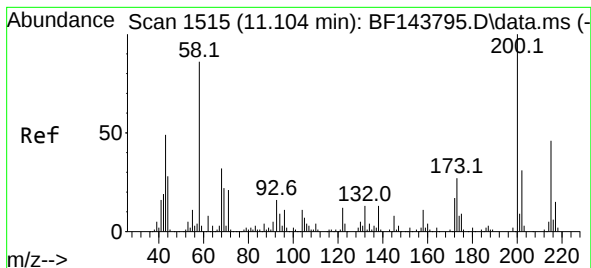
Tgt Ion:248 Resp: 299372
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 44.6 37.9 56.9



#68
Hexachlorobenzene
Concen: 50.529 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:284 Resp: 418057
Ion Ratio Lower Upper
284 100
142 15.3 13.1 19.7
249 24.8 19.5 29.3





#69

Atrazine

Concen: 49.435 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

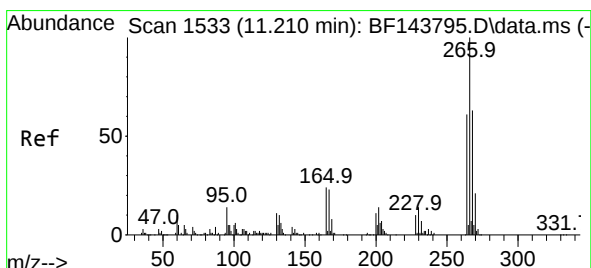
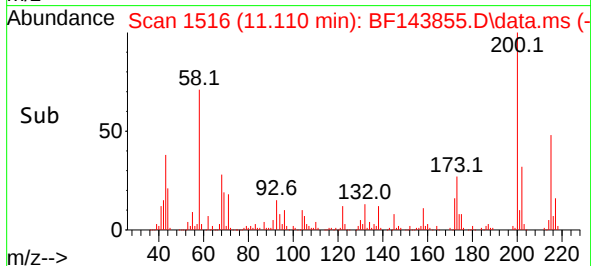
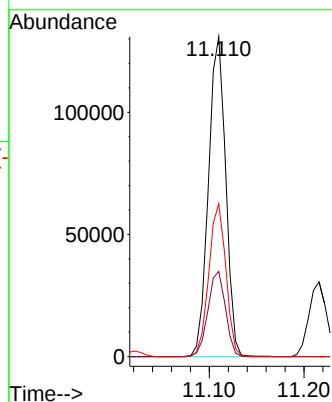
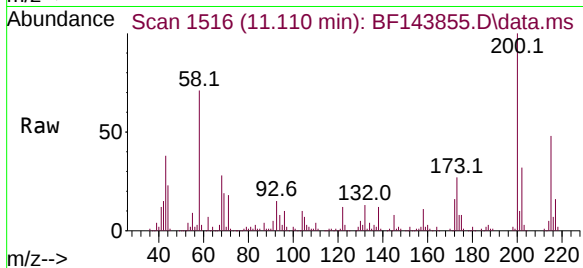
Tgt Ion:200 Resp: 165856

Ion Ratio Lower Upper

200 100

173 26.6 7.2 47.2

215 47.8 26.0 66.0



#70

Pentachlorophenol

Concen: 102.290 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

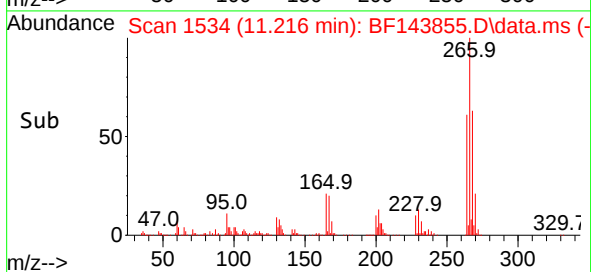
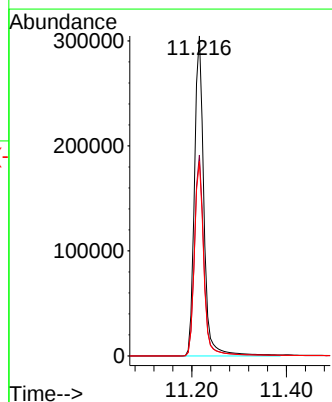
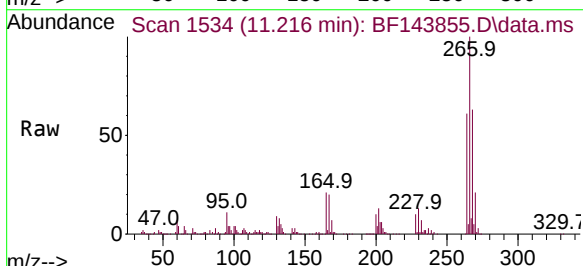
Tgt Ion:266 Resp: 421274

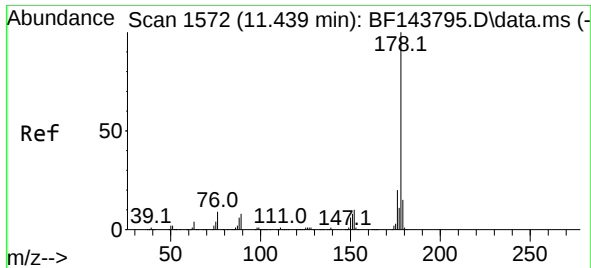
Ion Ratio Lower Upper

266 100

268 62.8 50.5 75.7

264 60.8 48.8 73.2

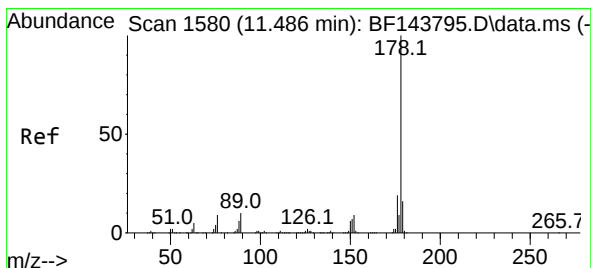
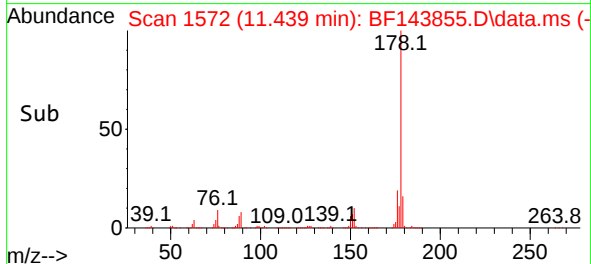
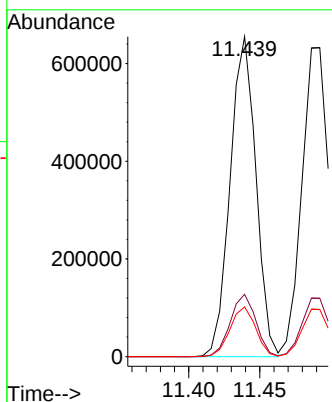
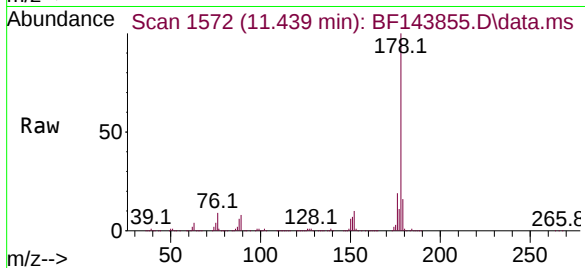




#71
Phenanthrene
Concen: 45.637 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

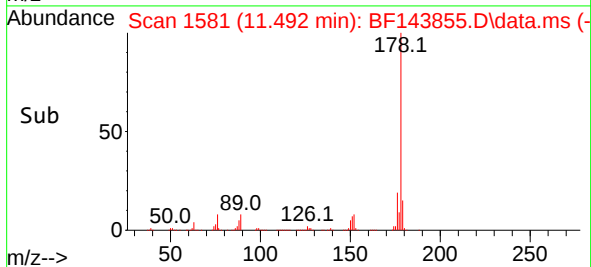
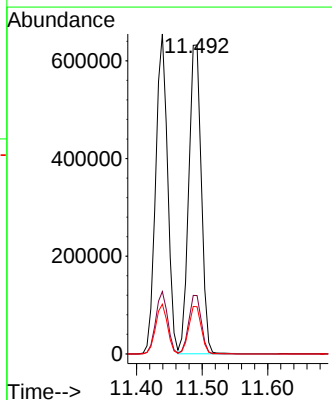
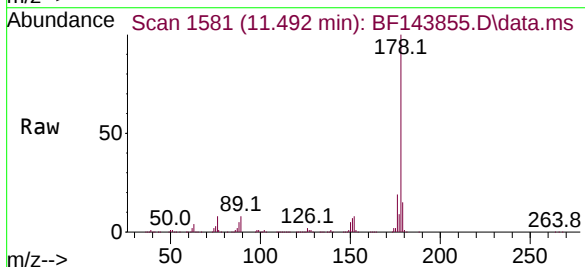
Instrument :
BNA_F
ClientSampleId :
PB169953BS

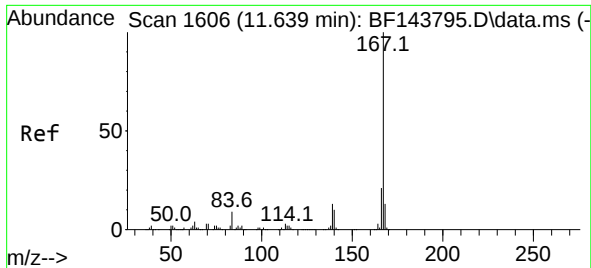
Tgt Ion:178 Resp: 825423
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.5 12.2 18.4



#72
Anthracene
Concen: 46.400 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:178 Resp: 841805
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.3 12.8 19.2

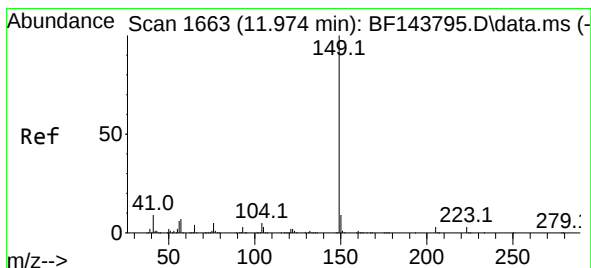
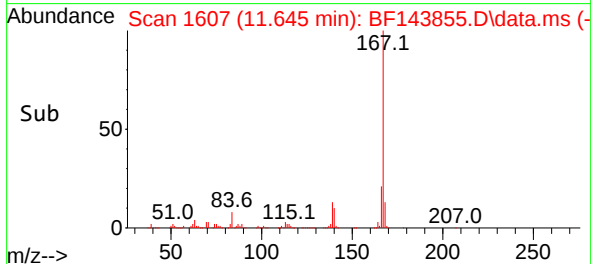
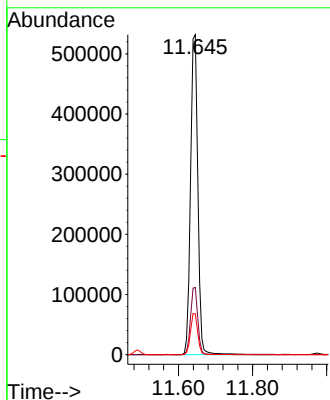
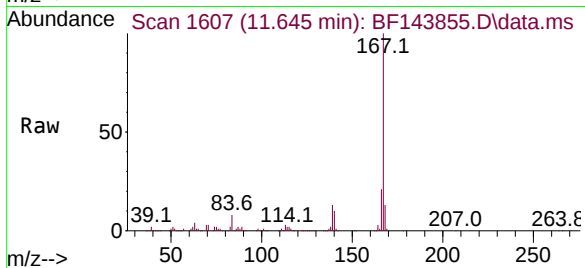




#73
Carbazole
Concen: 45.639 ng
RT: 11.645 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

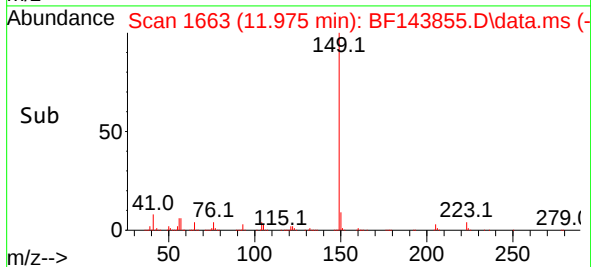
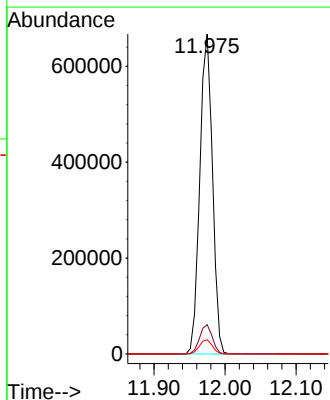
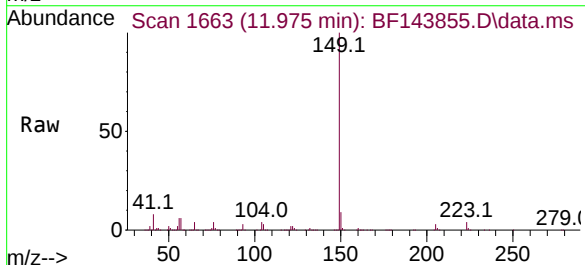
Instrument :
BNA_F
ClientSampleId :
PB169953BS

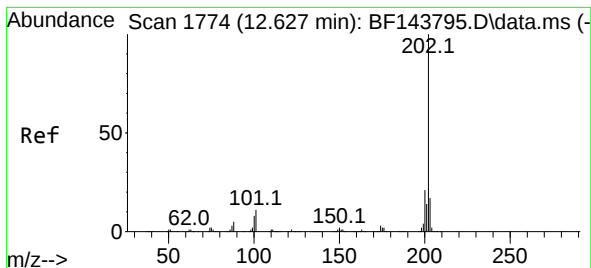
Tgt Ion:167 Resp: 723940
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.4
139 12.7 10.6 15.8



#74
Di-n-butylphthalate
Concen: 44.975 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:149 Resp: 820467
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 44.655 ng

RT: 12.628 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

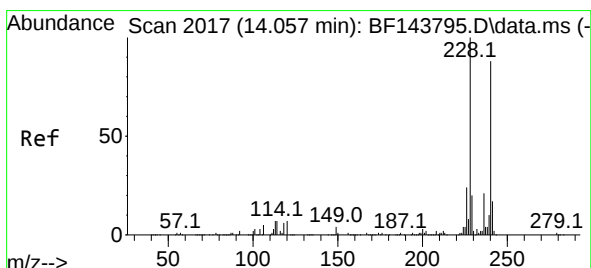
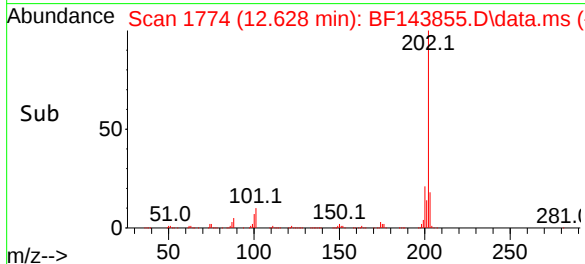
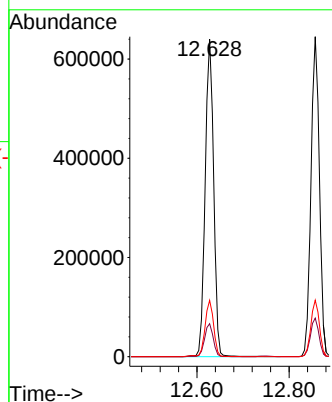
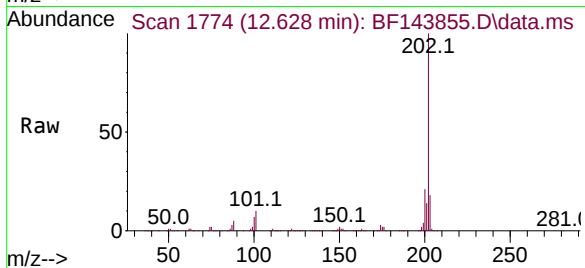
Tgt Ion:202 Resp: 812325

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.1

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

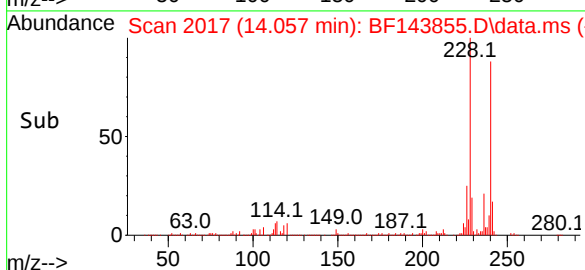
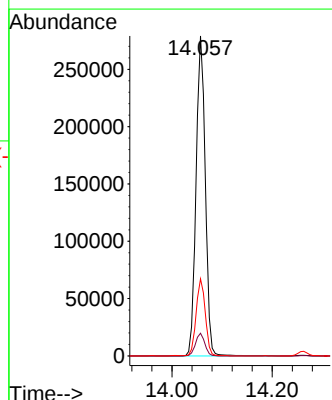
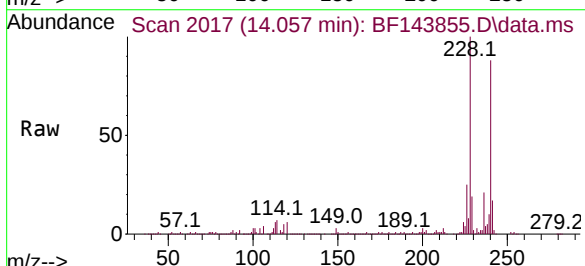
Tgt Ion:240 Resp: 355233

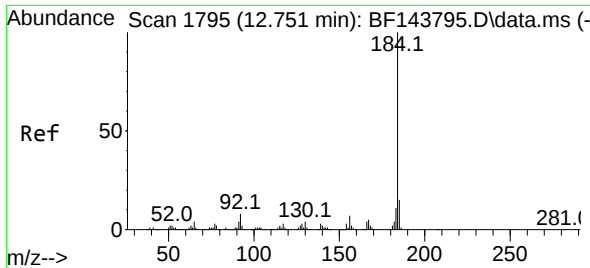
Ion Ratio Lower Upper

240 100

120 7.1 6.2 9.4

236 24.1 19.4 29.2

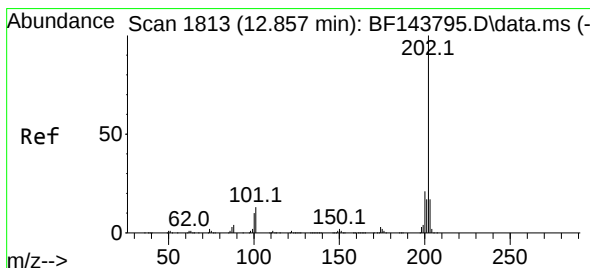
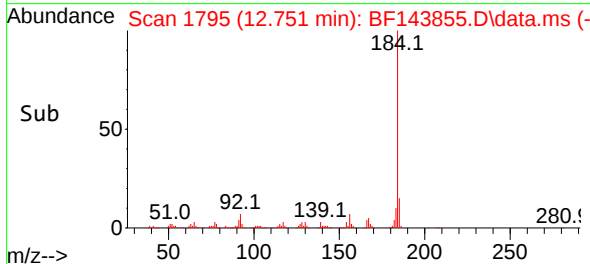
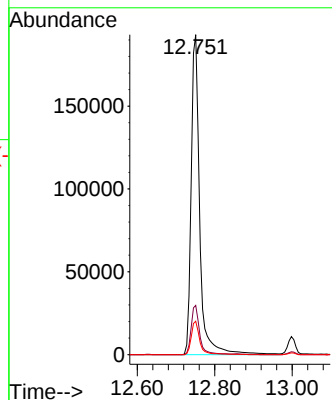
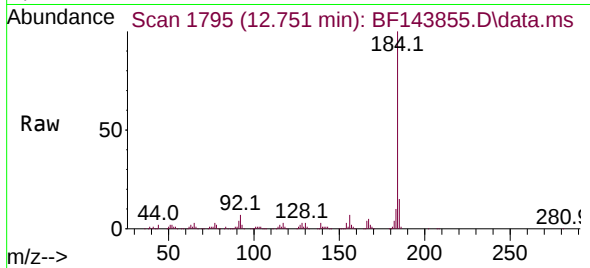




#77
Benzidine
Concen: 34.183 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

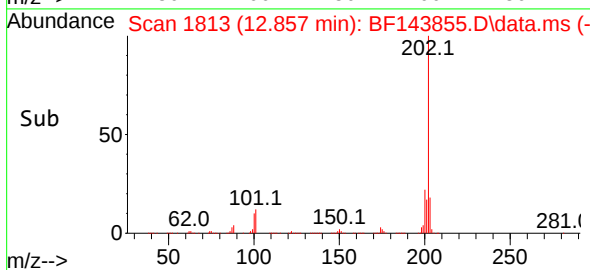
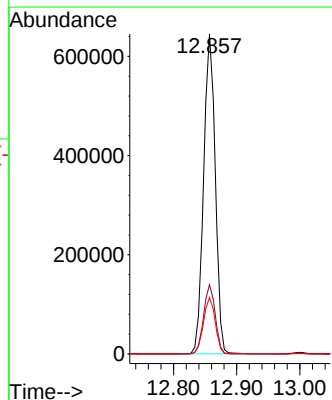
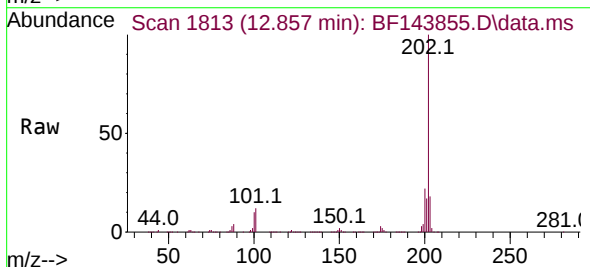
Instrument :
BNA_F
ClientSampleId :
PB169953BS

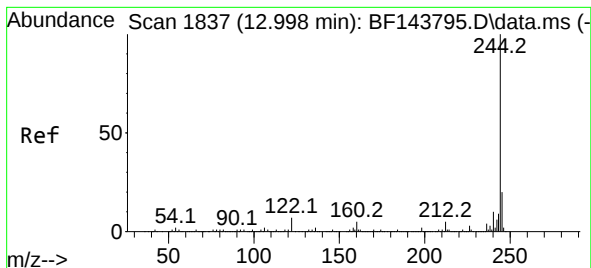
Tgt Ion:184 Resp: 295898
Ion Ratio Lower Upper
184 100
185 15.4 11.6 17.4
183 10.4 8.6 13.0



#78
Pyrene
Concen: 47.166 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:202 Resp: 823750
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 91.522 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

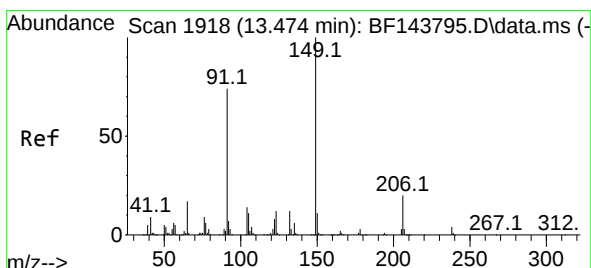
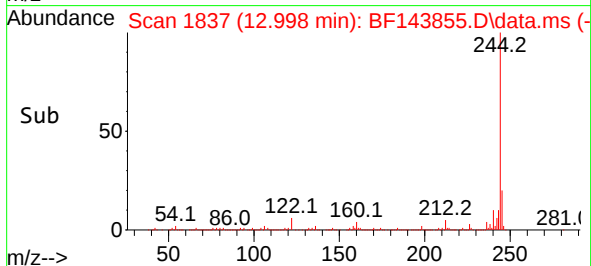
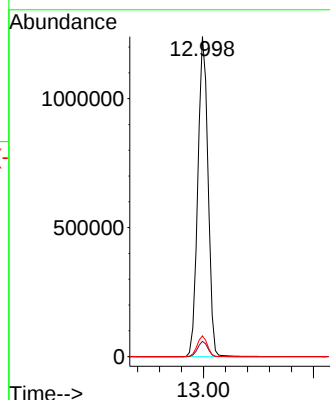
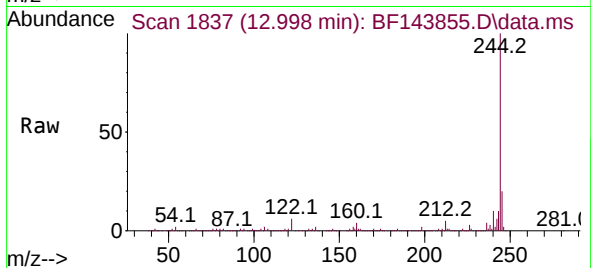
Tgt Ion:244 Resp: 1598608

Ion Ratio Lower Upper

244 100

212 4.8 3.9 5.9

122 6.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 49.044 ng

RT: 13.475 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

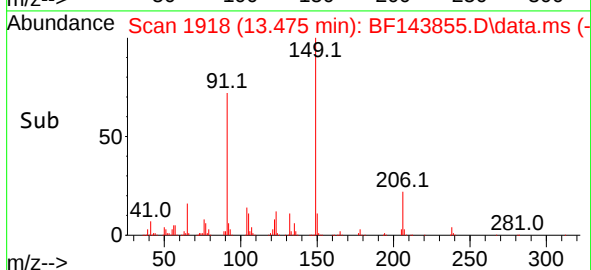
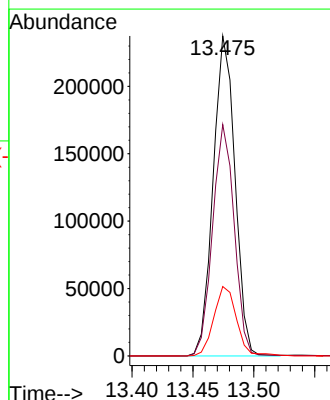
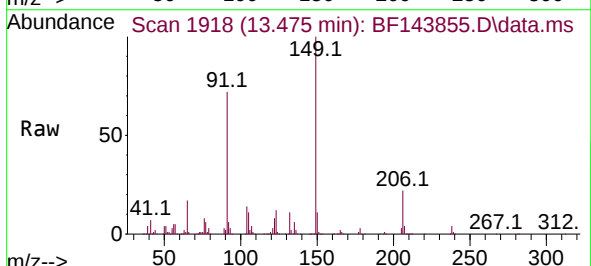
Tgt Ion:149 Resp: 296337

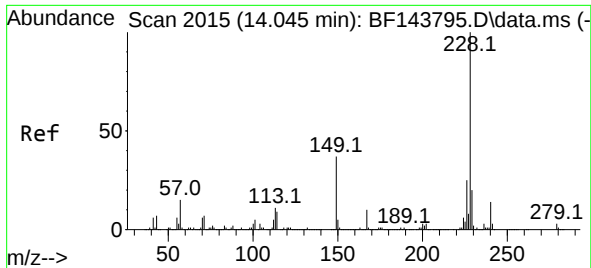
Ion Ratio Lower Upper

149 100

91 72.3 59.5 89.3

206 21.7 16.1 24.1

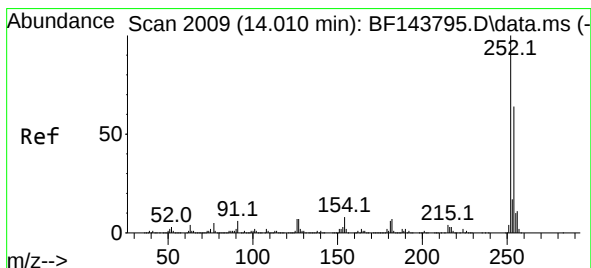
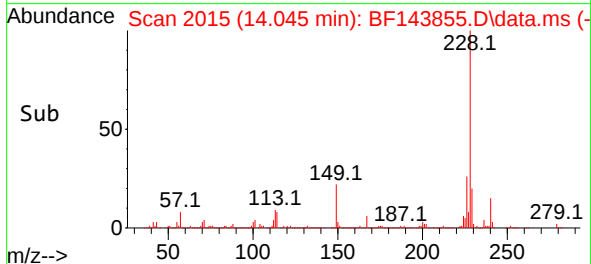
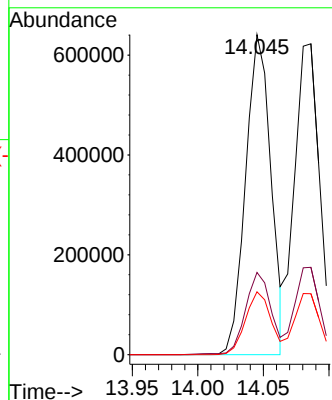
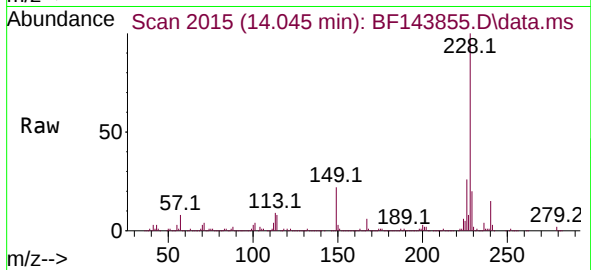




#81
Benzo(a)anthracene
Concen: 45.140 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

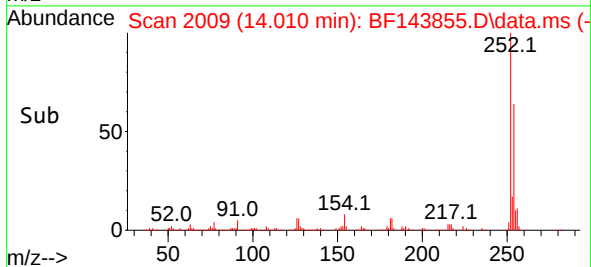
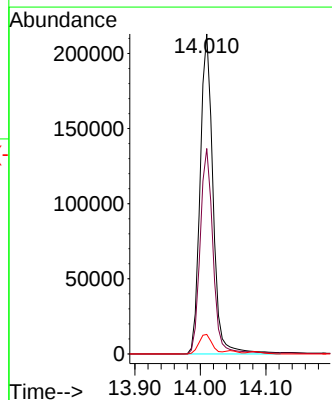
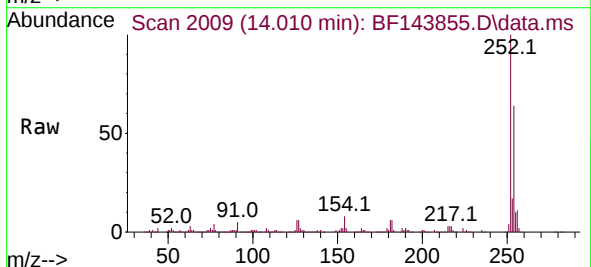
Instrument :
BNA_F
ClientSampleId :
PB169953BS

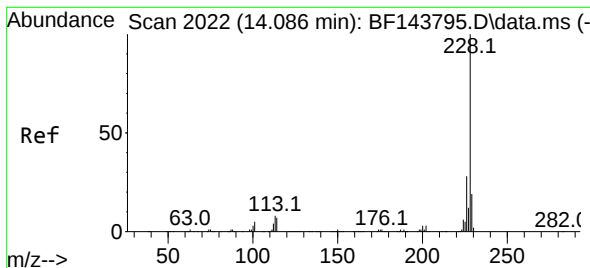
Tgt Ion:228 Resp: 861449
Ion Ratio Lower Upper
228 100
226 25.7 20.2 30.2
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.946 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:252 Resp: 288912
Ion Ratio Lower Upper
252 100
254 64.2 51.5 77.3
126 6.1 5.4 8.2





#83

Chrysene

Concen: 48.334 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

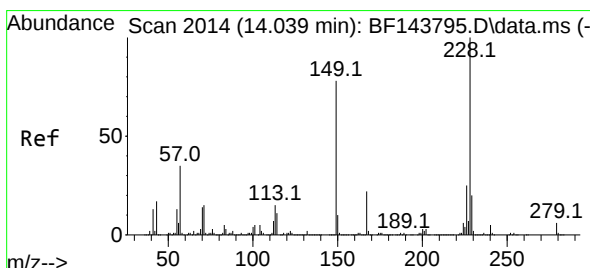
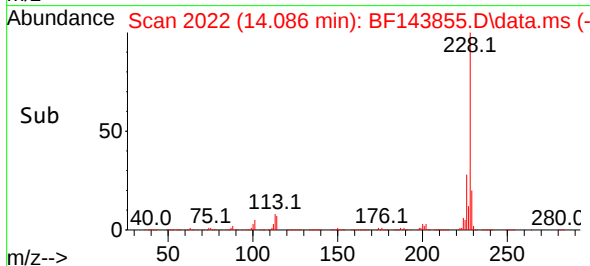
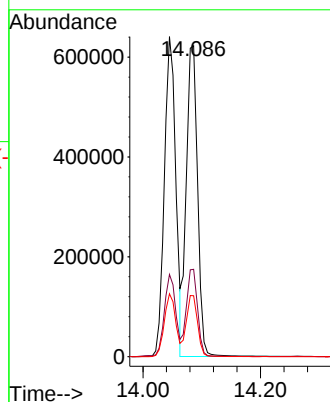
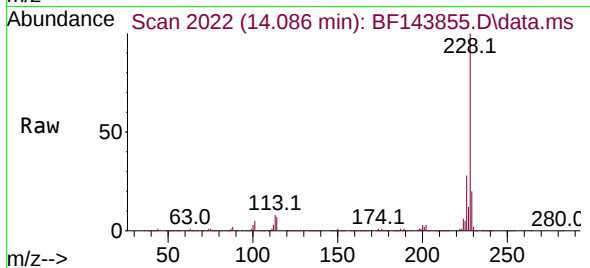
Tgt Ion:228 Resp: 834639

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.932 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

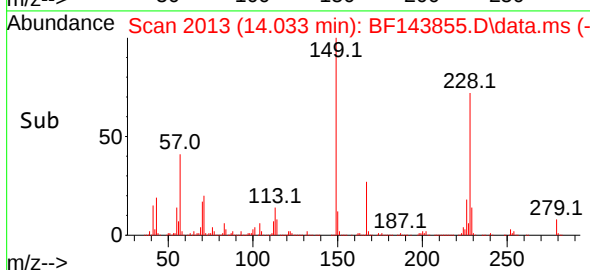
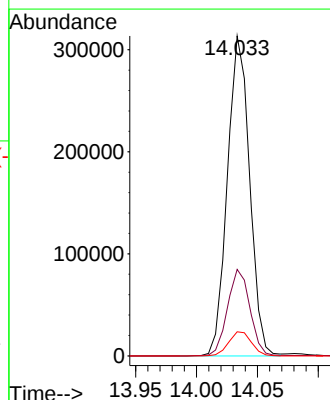
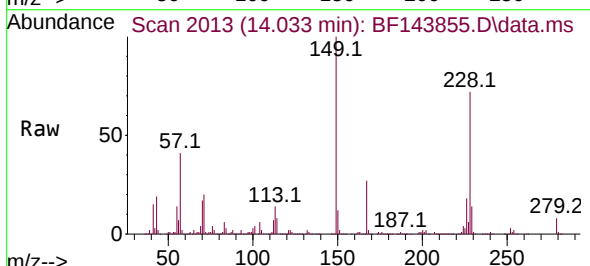
Tgt Ion:149 Resp: 397949

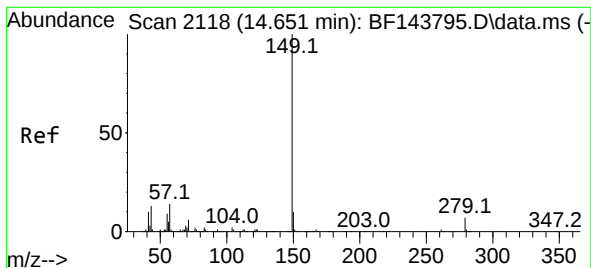
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

279 7.5 6.0 9.0

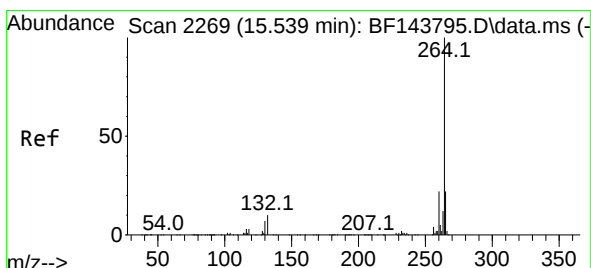
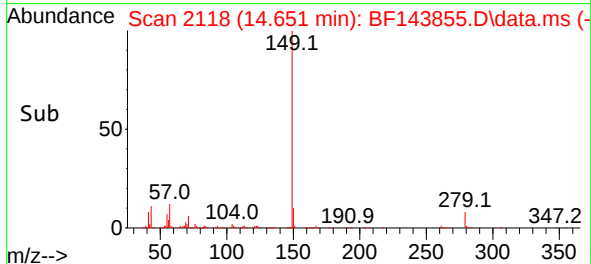
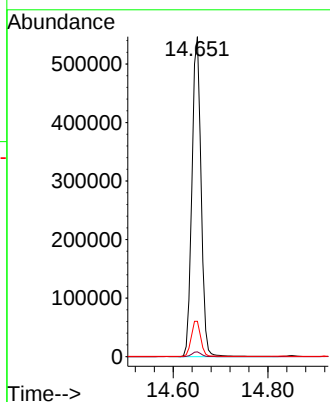
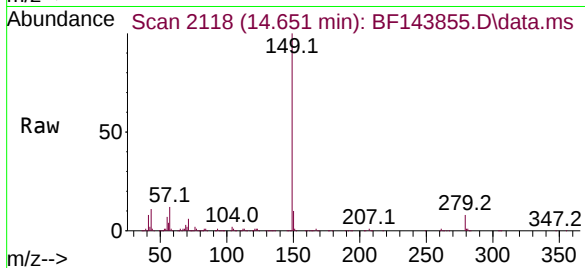




#85
Di-n-octyl phthalate
Concen: 45.439 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

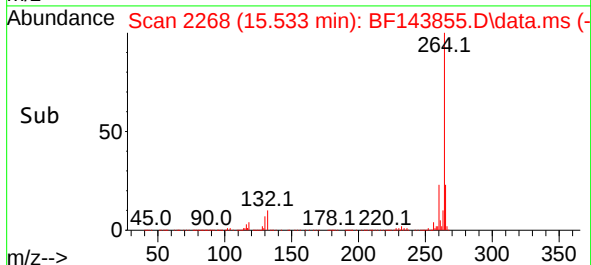
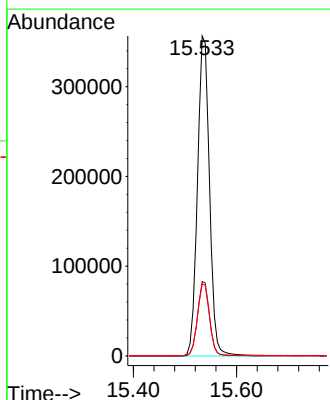
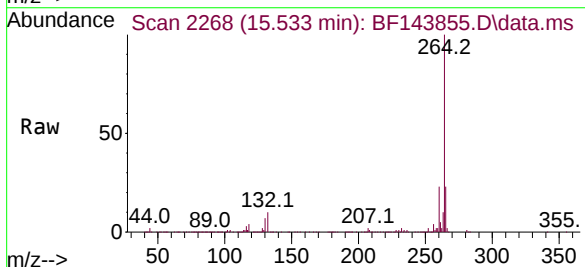
Instrument :
BNA_F
ClientSampleId :
PB169953BS

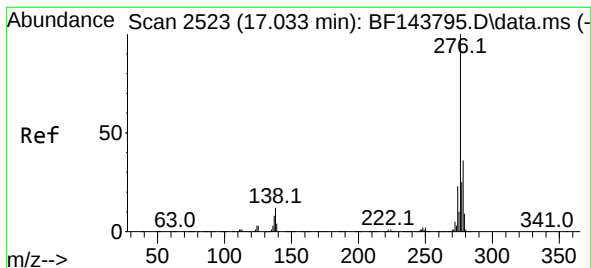
Tgt Ion:149 Resp: 730007
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.4 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143855.D
Acq: 02 Oct 2025 15:11

Tgt Ion:264 Resp: 574873
Ion Ratio Lower Upper
264 100
260 23.3 17.9 26.9
265 22.6 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.068 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

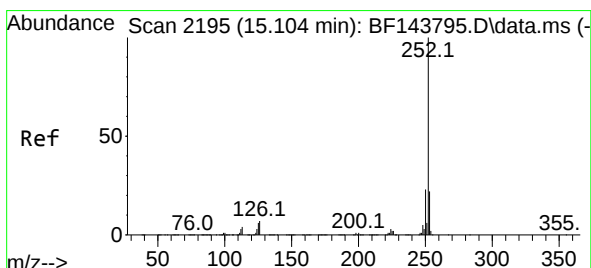
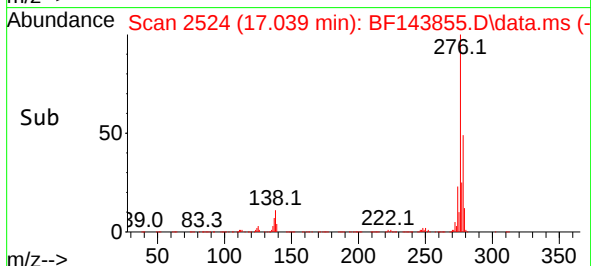
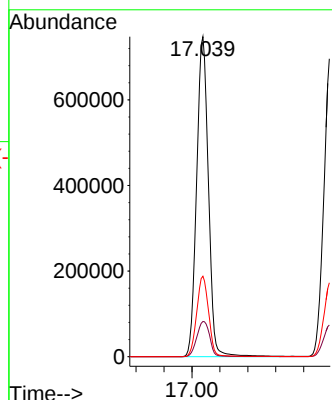
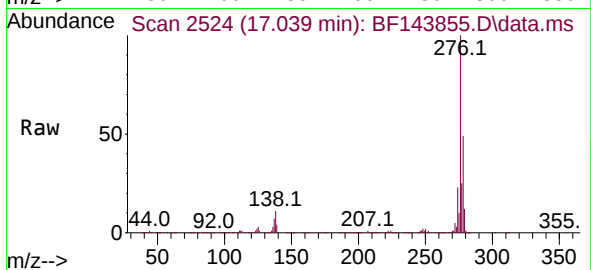
Tgt Ion:276 Resp: 2183879

Ion Ratio Lower Upper

276 100

138 11.9 10.6 15.8

277 25.5 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 45.185 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

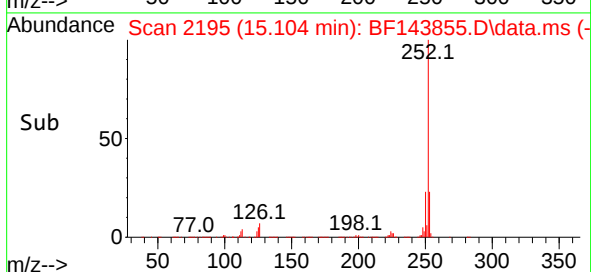
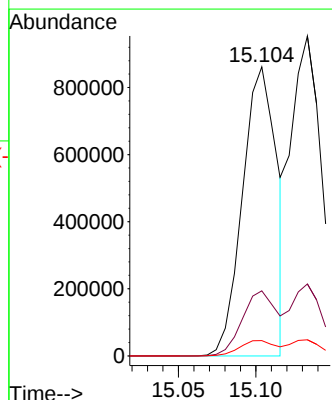
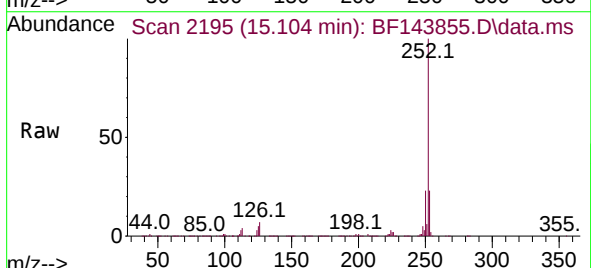
Tgt Ion:252 Resp: 1322818

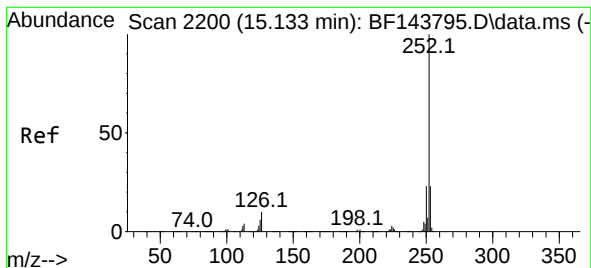
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 5.3 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 45.426 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169953BS

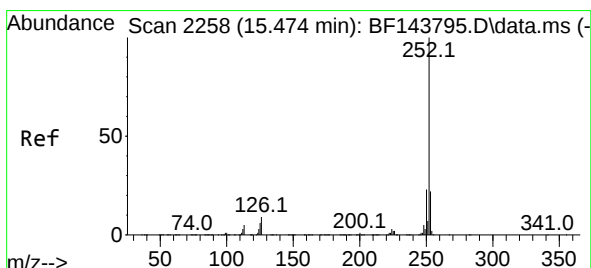
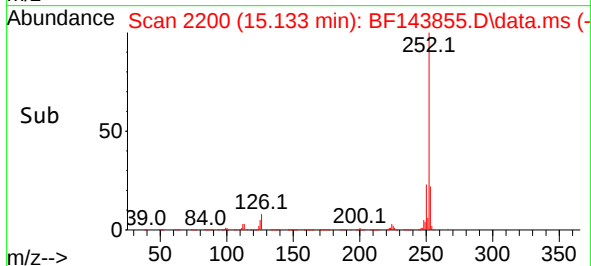
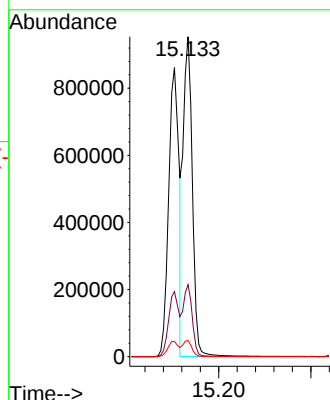
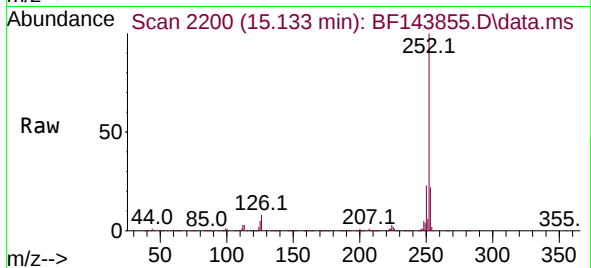
Tgt Ion:252 Resp: 1336071

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 5.0 4.6 6.8



#90

Benzo(a)pyrene

Concen: 49.026 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143855.D

Acq: 02 Oct 2025 15:11

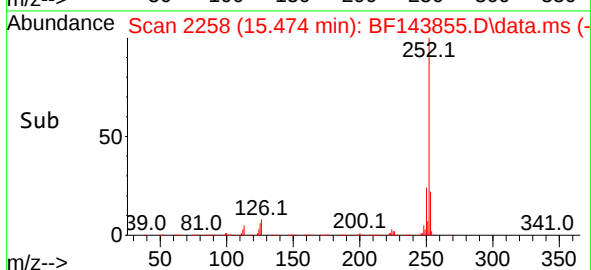
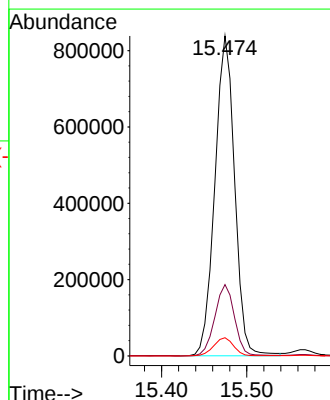
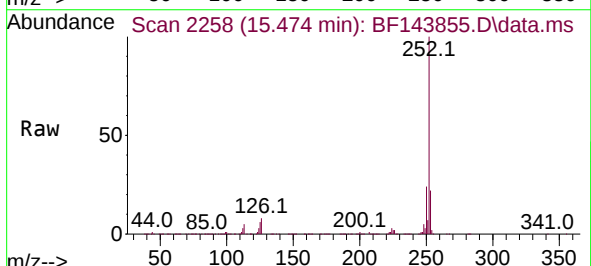
Tgt Ion:252 Resp: 1349100

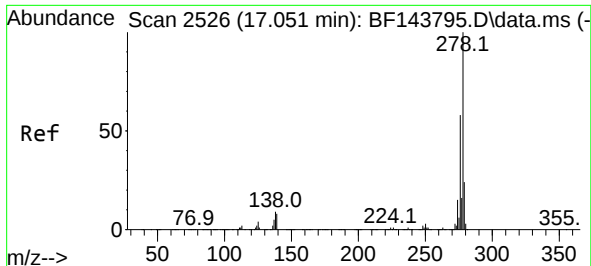
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 5.7 5.0 7.4

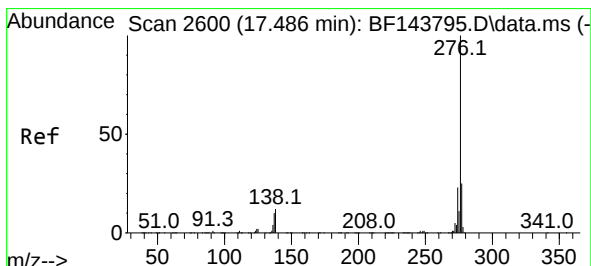
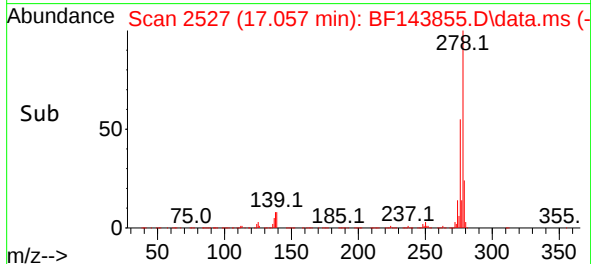
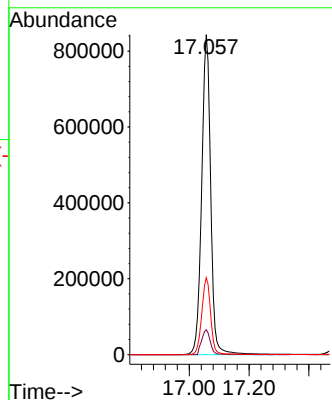
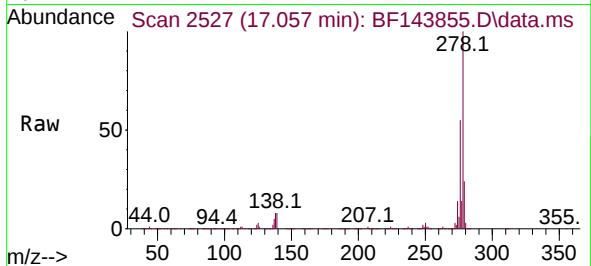




#91
 Dibenzo(a,h)anthracene
 Concen: 49.496 ng
 RT: 17.057 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143855.D
 Acq: 02 Oct 2025 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BS

Tgt Ion:278 Resp: 1765804
 Ion Ratio Lower Upper
 278 100
 139 7.8 6.7 10.1
 279 24.0 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 52.206 ng
 RT: 17.492 min Scan# 2601
 Delta R.T. -0.012 min
 Lab File: BF143855.D
 Acq: 02 Oct 2025 15:11

Tgt Ion:276 Resp: 1795382
 Ion Ratio Lower Upper
 276 100
 277 24.8 19.6 29.4
 138 10.6 9.2 13.8

