

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
 Data File : BF143029.D
 Acq On : 08 Jul 2025 12:55
 Operator : RC/JU
 Sample : PB168722BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168722BS

Quant Time: Jul 08 13:17:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56971	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	220160	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	116094	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	189569	20.000	ng	0.00
76) Chrysene-d12	14.057	240	94842	20.000	ng	0.00
86) Perylene-d12	15.557	264	112590	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	429158	125.417	ng	0.01
7) Phenol-d6	6.510	99	510323	126.408	ng	0.00
23) Nitrobenzene-d5	7.439	82	314553	78.368	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	155752	130.371	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	698464	79.035	ng	-0.01
79) Terphenyl-d14	12.992	244	586078	85.383	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	46177	33.739	ng	99
3) Pyridine	3.475	79	127271	37.093	ng	98
4) n-Nitrosodimethylamine	3.428	42	73122	41.212	ng	99
6) Aniline	6.540	93	194405	36.190	ng	# 87
8) 2-Chlorophenol	6.663	128	163120	44.192	ng	98
9) Benzaldehyde	6.428	77	106551	44.487	ng	99
10) Phenol	6.528	94	195533	43.573	ng	79
11) bis(2-Chloroethyl)ether	6.610	93	140569	43.828	ng	96
12) 1,3-Dichlorobenzene	6.816	146	176272	42.700	ng	99
13) 1,4-Dichlorobenzene	6.892	146	181304	43.531	ng	99
14) 1,2-Dichlorobenzene	7.045	146	172505	43.667	ng	100
15) Benzyl Alcohol	7.016	79	133425	45.716	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	210452	40.841	ng	74
17) 2-Methylphenol	7.134	107	126445	45.203	ng	97
18) Hexachloroethane	7.387	117	63093	43.309	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	106051	45.167	ng	97
20) 3+4-Methylphenols	7.287	107	160614	46.052	ng	95
22) Acetophenone	7.287	105	218734	45.054	ng	99
24) Nitrobenzene	7.457	77	158000	43.492	ng	99
25) Isophorone	7.698	82	283931	44.097	ng	99
26) 2-Nitrophenol	7.775	139	90615	45.789	ng	99
27) 2,4-Dimethylphenol	7.816	122	144114	42.041	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	182094	44.484	ng	99
29) 2,4-Dichlorophenol	8.022	162	139324	44.825	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	146639	42.905	ng	99
31) Naphthalene	8.181	128	476035	44.174	ng	100
32) Benzoic acid	7.939	122	75170	43.024	ng	96
33) 4-Chloroaniline	8.234	127	119222	27.208	ng	98
34) Hexachlorobutadiene	8.292	225	91247	43.646	ng	99
35) Caprolactam	8.604	113	26259	32.016	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	142106	46.004	ng	99
37) 2-Methylnaphthalene	8.875	142	296736	44.415	ng	99
38) 1-Methylnaphthalene	8.975	142	307365	44.442	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	151731	44.294	ng	100
41) Hexachlorocyclopentadiene	9.028	237	142216	73.159	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	96587	43.270	ng	100

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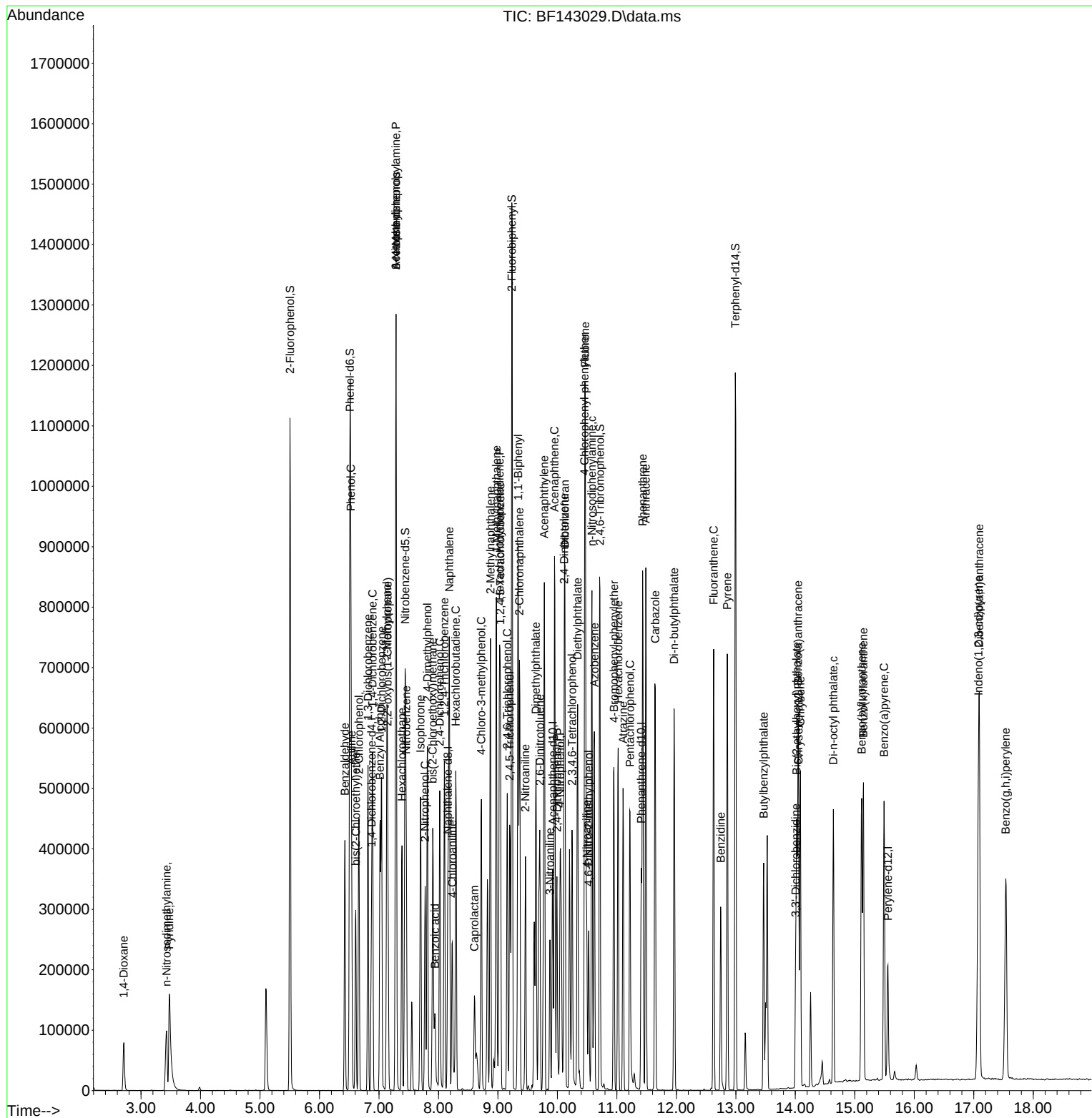
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	101191	43.065	ng	99
46) 1,1'-Biphenyl	9.339	154	407573	44.443	ng	100
47) 2-Chloronaphthalene	9.363	162	302216	43.914	ng	99
48) 2-Nitroaniline	9.463	65	86594	44.881	ng	96
49) Acenaphthylene	9.781	152	504125	44.498	ng	100
50) Dimethylphthalate	9.639	163	342391	45.562	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76571	46.398	ng	100
52) Acenaphthene	9.951	154	290439	42.018	ng	98
53) 3-Nitroaniline	9.875	138	55871	30.749	ng	99
54) 2,4-Dinitrophenol	9.992	184	76374	92.423	ng	96
55) Dibenzofuran	10.128	168	437940	44.183	ng	99
56) 4-Nitrophenol	10.045	139	93448	75.123	ng	99
57) 2,4-Dinitrotoluene	10.116	165	102912	46.946	ng	93
58) Fluorene	10.469	166	349779	45.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81341	42.946	ng	96
60) Diethylphthalate	10.339	149	342130	46.434	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	167657	45.387	ng	98
62) 4-Nitroaniline	10.492	138	75285	45.304	ng	97
63) Azobenzene	10.622	77	295464	44.867	ng	97
65) 4,6-Dinitro-2-methylph...	10.528	198	52741	45.996	ng	97
66) n-Nitrosodiphenylamine	10.580	169	300057	45.671	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	99469	46.104	ng	99
68) Hexachlorobenzene	11.022	284	111086	46.338	ng	99
69) Atrazine	11.104	200	85988	50.683	ng	99
70) Pentachlorophenol	11.222	266	92093	77.092	ng	98
71) Phenanthrene	11.433	178	466709	45.449	ng	99
72) Anthracene	11.486	178	478060	45.392	ng	100
73) Carbazole	11.645	167	413709	45.520	ng	99
74) Di-n-butylphthalate	11.963	149	464540	49.065	ng	100
75) Fluoranthene	12.627	202	438508	44.995	ng	99
77) Benzidine	12.745	184	172695	48.465	ng	99
78) Pyrene	12.857	202	422014	47.471	ng	99
80) Butylbenzylphthalate	13.469	149	128923	49.995	ng	96
81) Benzo(a)anthracene	14.045	228	300705	46.999	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	56626	27.286	ng	99
83) Chrysene	14.086	228	254024	44.494	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	168694	45.467	ng	100
85) Di-n-octyl phthalate	14.639	149	314016	44.884	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	386464	45.064	ng	98
88) Benzo(b)fluoranthene	15.115	252	293611	45.067	ng	100
89) Benzo(k)fluoranthene	15.145	252	282248	46.306	ng	99
90) Benzo(a)pyrene	15.492	252	293451	46.625	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	313388	44.975	ng	98
92) Benzo(g,h,i)perylene	17.539	276	315292	45.377	ng	99

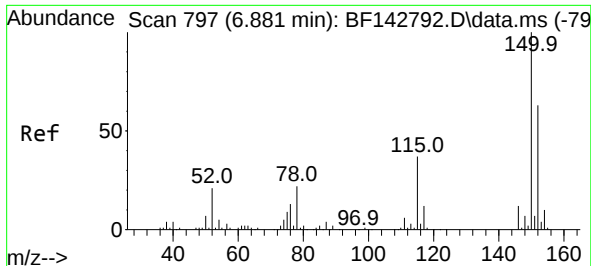
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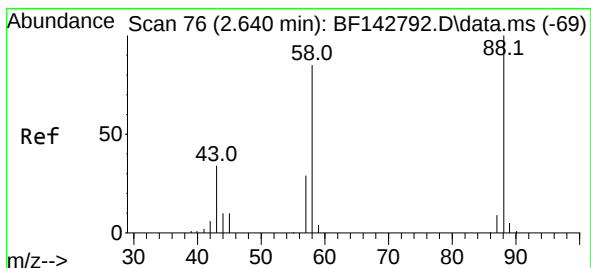
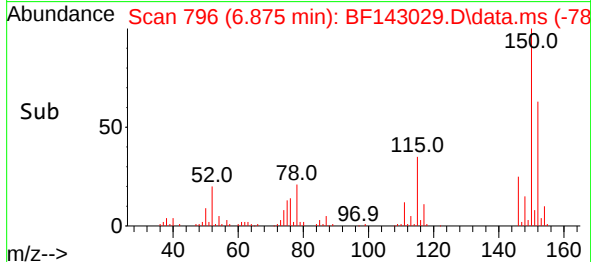
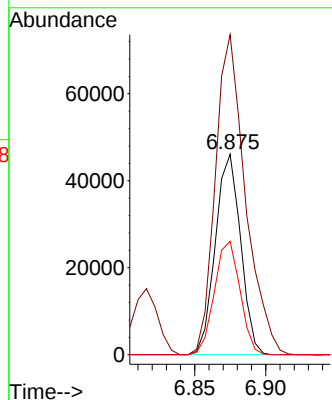
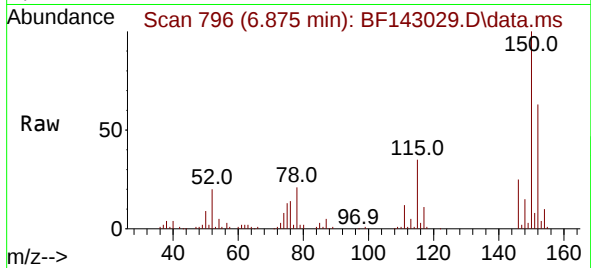




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

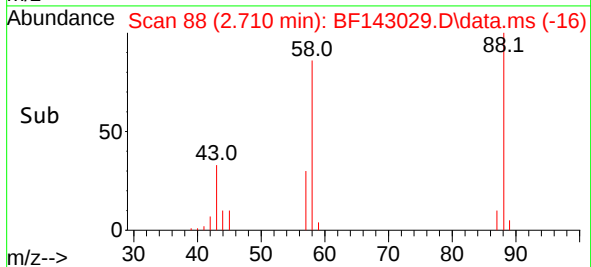
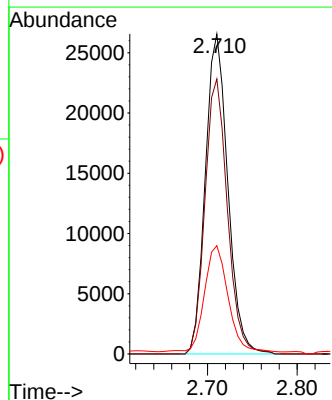
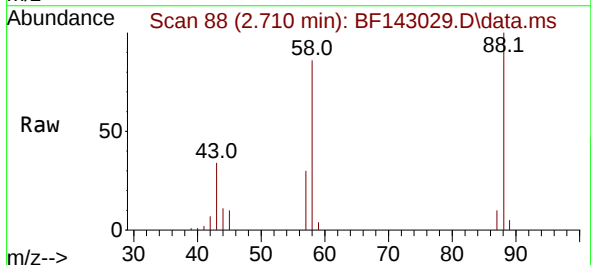
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ClientSampleId :
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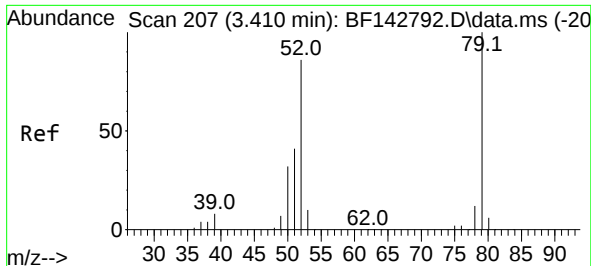
Tgt Ion:152 Resp: 56971
Ion Ratio Lower Upper
152 100
150 159.6 127.2 190.8
115 56.6 46.6 69.8



#2
1,4-Dioxane
Concen: 33.739 ng
RT: 2.710 min Scan# 88
Delta R.T. 0.071 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 88 Resp: 46177
Ion Ratio Lower Upper
88 100
58 85.9 69.1 103.7
43 34.8 27.4 41.2

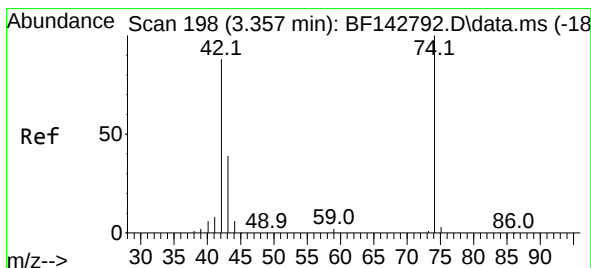
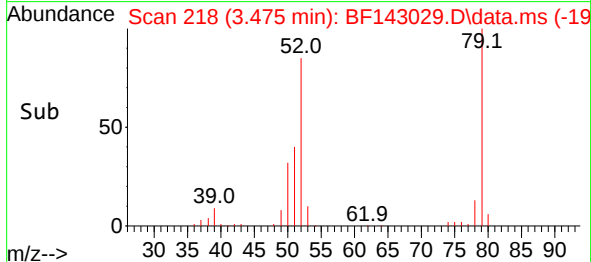
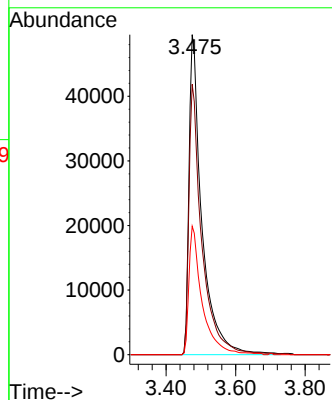
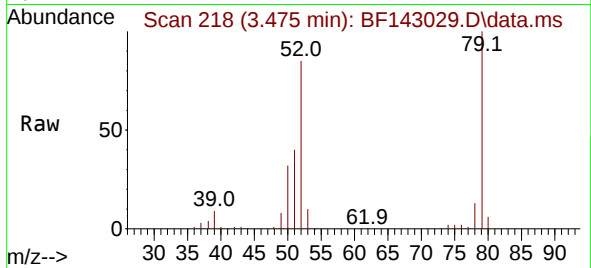




#3
Pyridine
Concen: 37.093 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

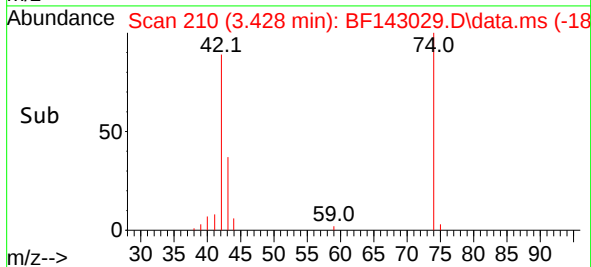
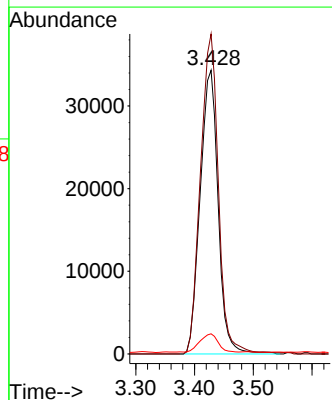
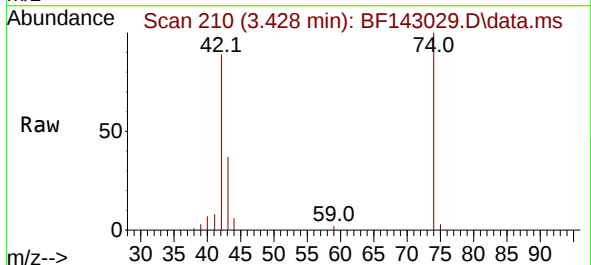
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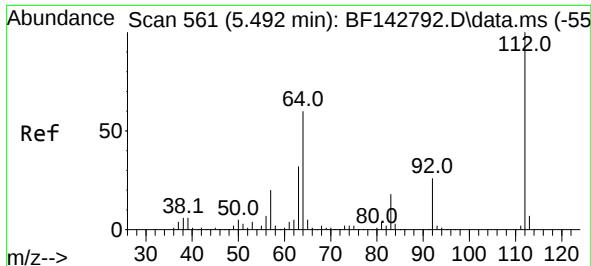
Tgt Ion: 79 Resp: 127271
Ion Ratio Lower Upper
79 100
52 84.5 69.2 103.8
51 40.2 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.212 ng
RT: 3.428 min Scan# 210
Delta R.T. 0.071 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 42 Resp: 73122
Ion Ratio Lower Upper
42 100
74 112.8 90.9 136.3
44 7.1 5.8 8.6

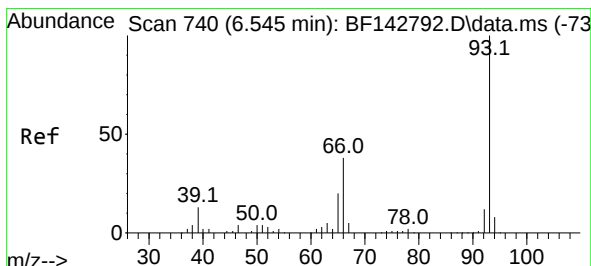
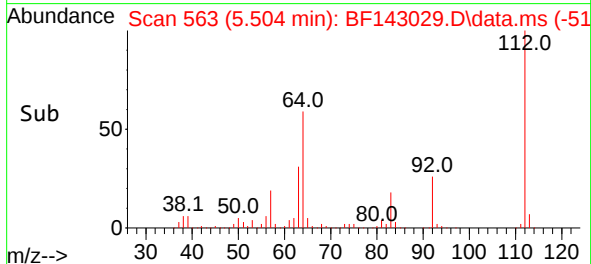
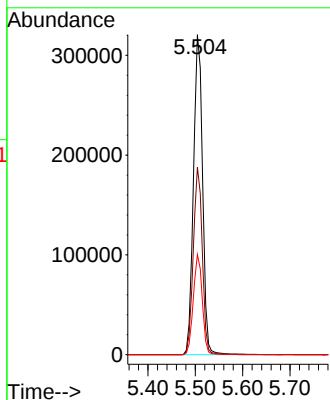
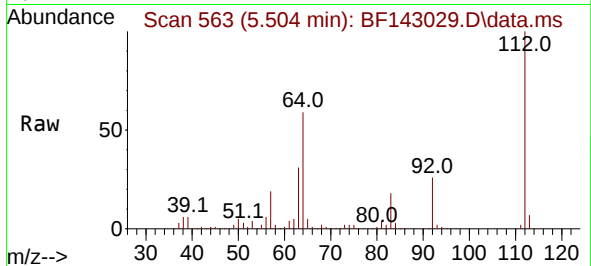




#5
2-Fluorophenol
Concen: 125.417 ng
RT: 5.504 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

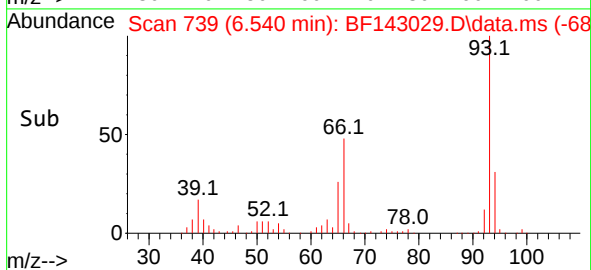
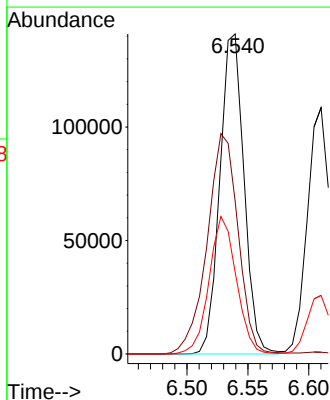
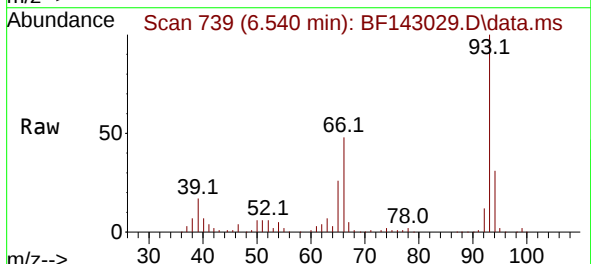
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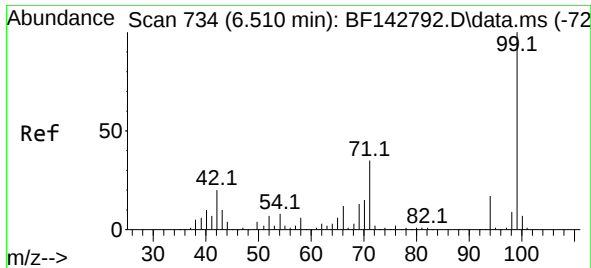
Tgt Ion:112 Resp: 429158
Ion Ratio Lower Upper
112 100
64 58.6 48.2 72.2
63 31.3 25.7 38.5



#6
Aniline
Concen: 36.190 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 93 Resp: 194405
Ion Ratio Lower Upper
93 100
66 47.7 31.8 47.6#
65 25.6 16.2 24.2#

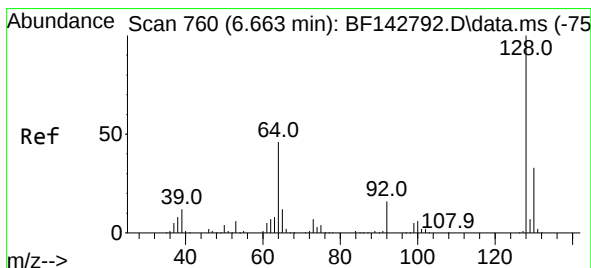
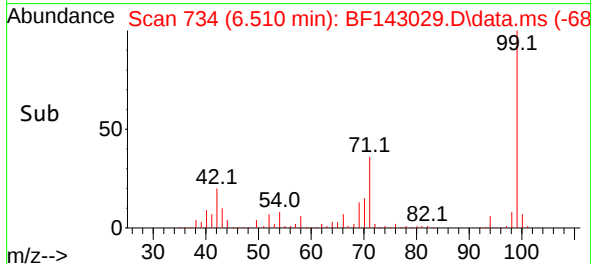
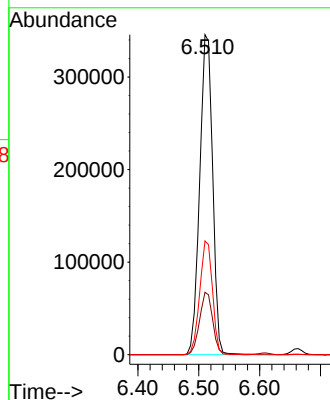
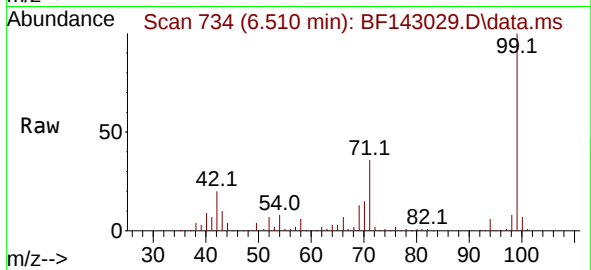




#7
Phenol-d6
Concen: 126.408 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

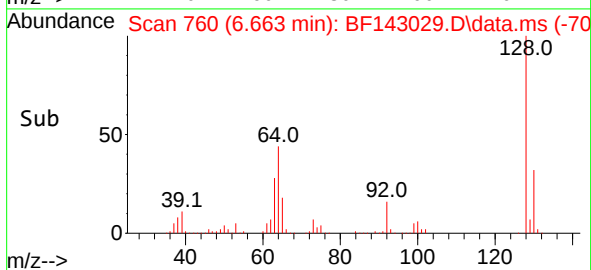
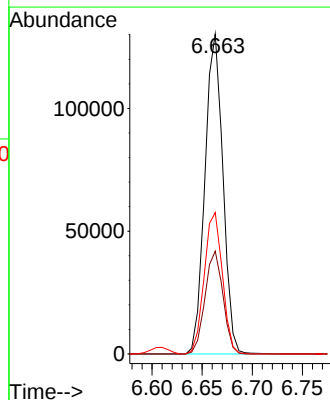
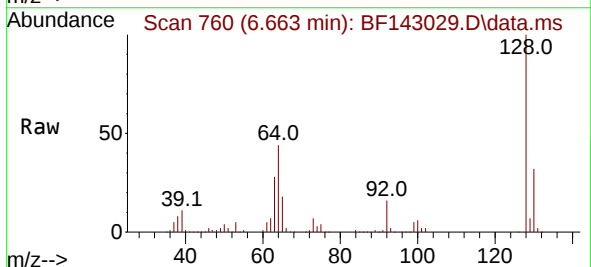
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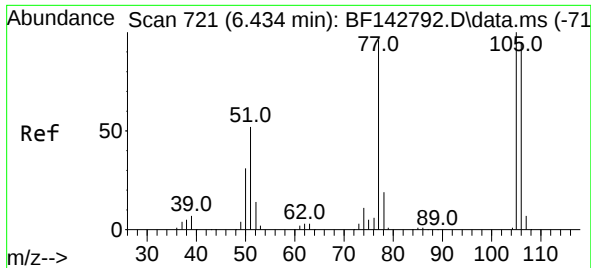
Tgt Ion: 99 Resp: 510323
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.5 27.8 41.8



#8
2-Chlorophenol
Concen: 44.192 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:128 Resp: 163120
Ion Ratio Lower Upper
128 100
130 32.1 12.7 52.7
64 44.2 26.5 66.5





#9

Benzaldehyde

Concen: 44.487 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

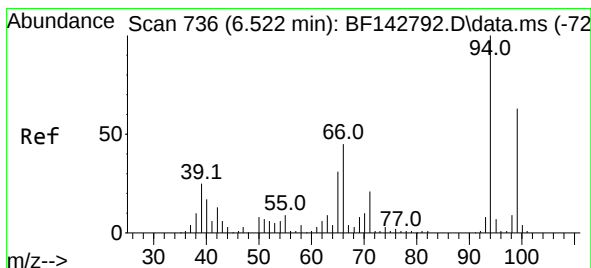
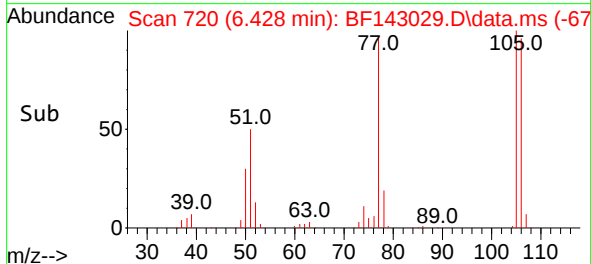
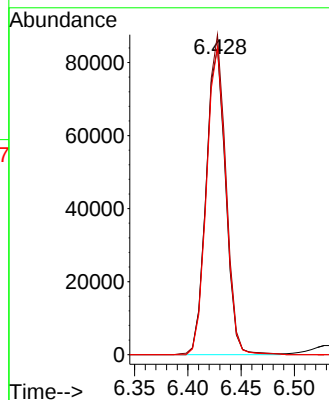
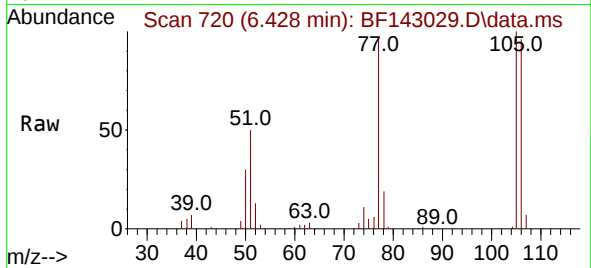
Tgt Ion: 77 Resp: 106551

Ion Ratio Lower Upper

77 100

105 104.2 83.8 123.8

106 100.3 78.7 118.7



#10

Phenol

Concen: 43.573 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

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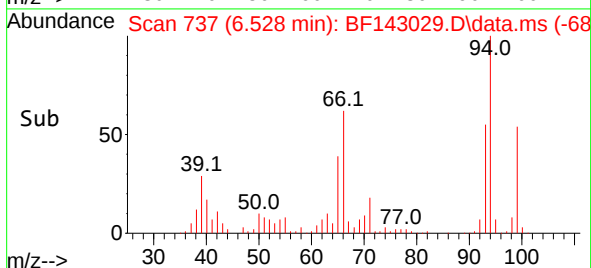
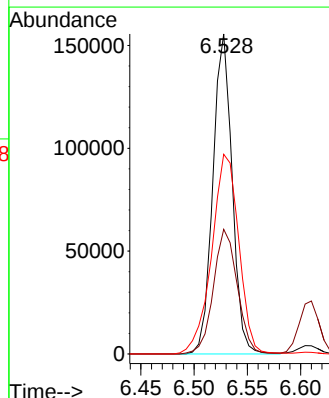
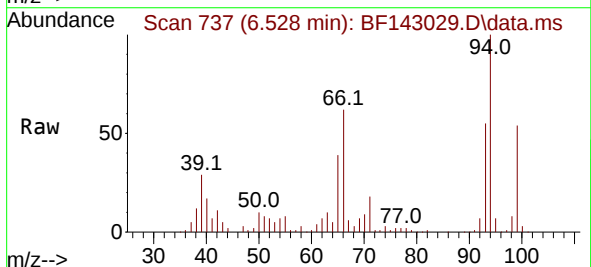
Tgt Ion: 94 Resp: 195533

Ion Ratio Lower Upper

94 100

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66 62.4 24.9 64.9

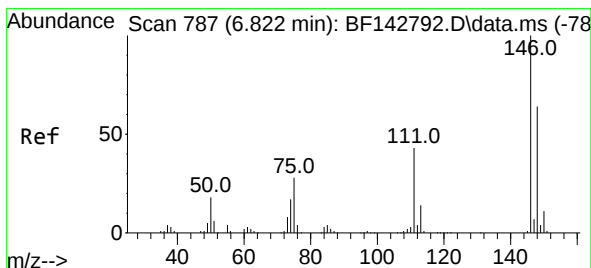
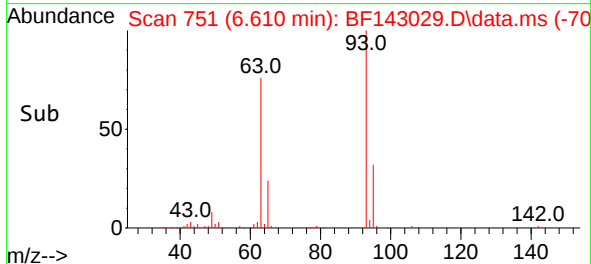
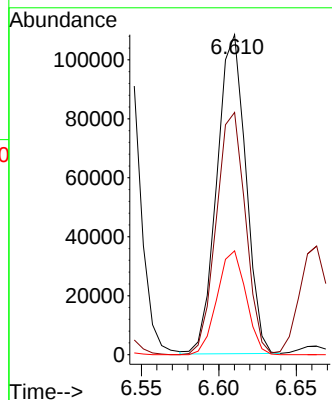
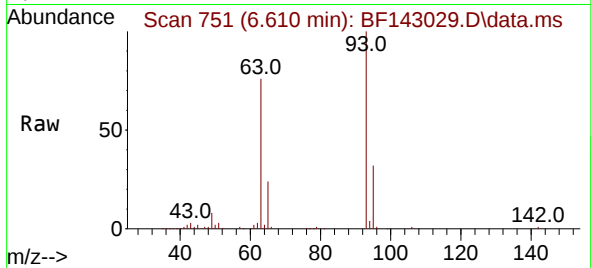




#11
bis(2-Chloroethyl)ether
Concen: 43.828 ng
RT: 6.610 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

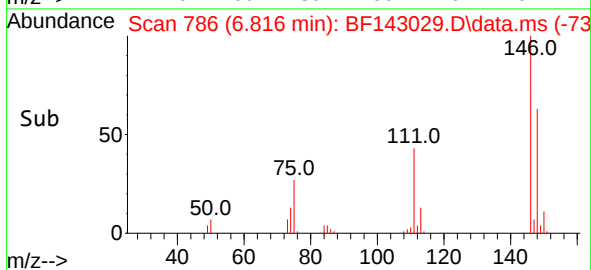
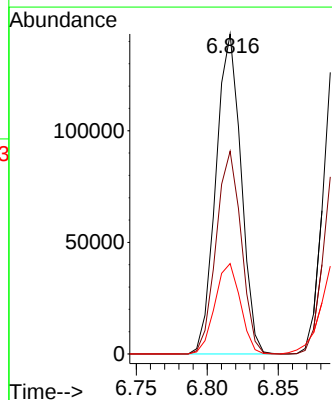
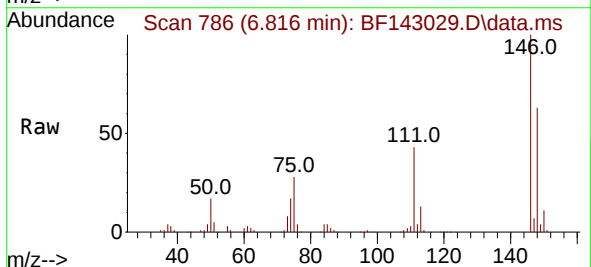
Instrument :
BNA_F
ClientSampleId :
PB168722BS

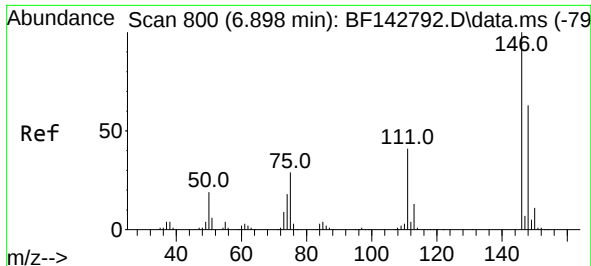
Tgt Ion: 93 Resp: 140569
Ion Ratio Lower Upper
93 100
63 75.7 60.3 100.3
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.700 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:146 Resp: 176272
Ion Ratio Lower Upper
146 100
148 63.4 51.1 76.7
75 28.3 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 43.531 ng

RT: 6.892 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

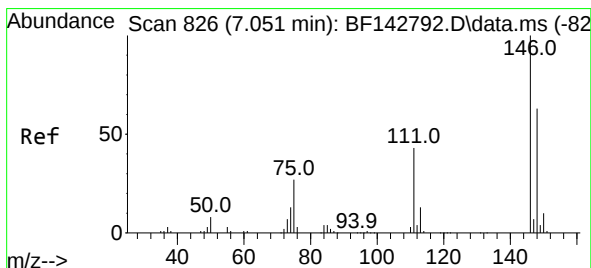
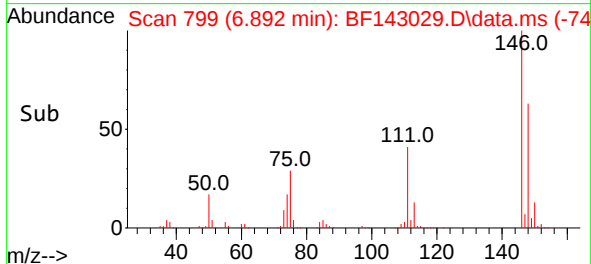
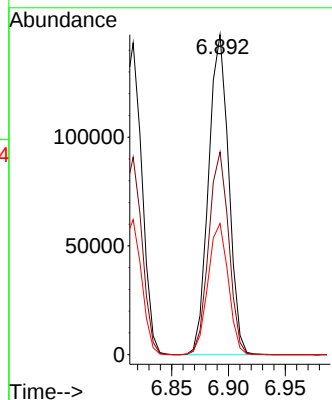
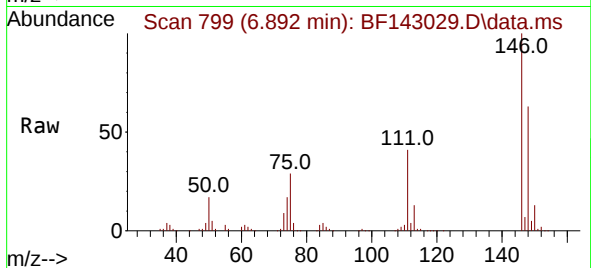
Tgt Ion:146 Resp: 181304

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

111 41.0 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 43.667 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

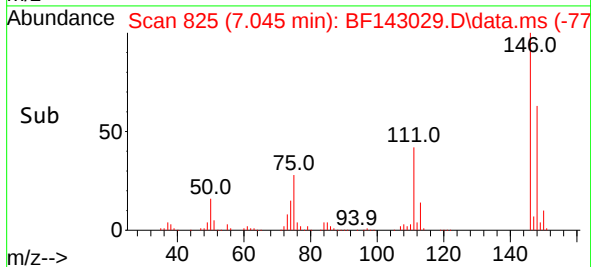
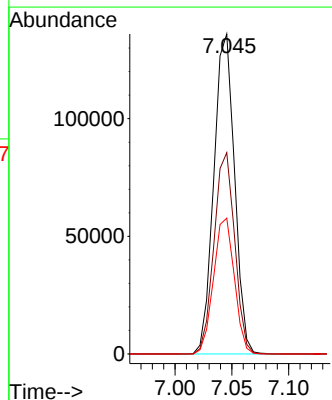
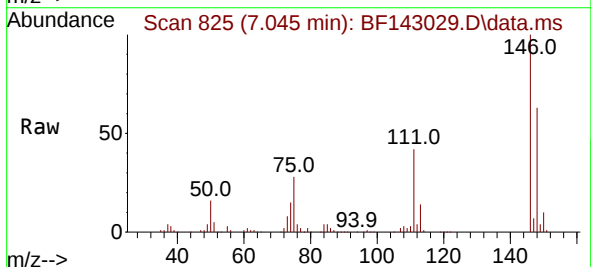
Tgt Ion:146 Resp: 172505

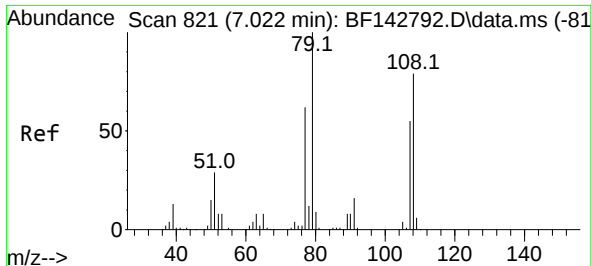
Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

111 42.5 34.1 51.1

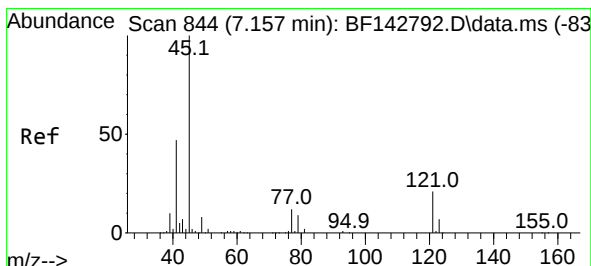
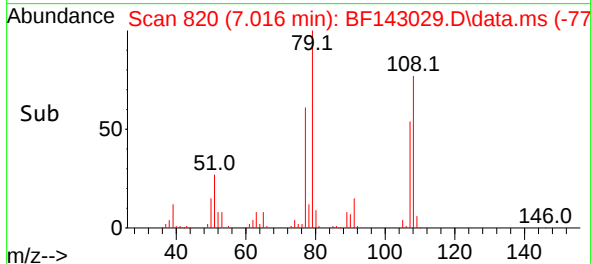
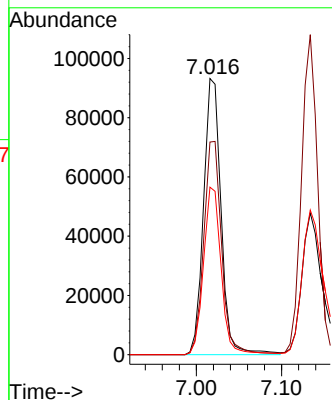
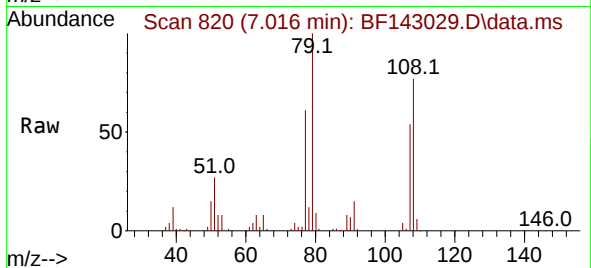




#15
Benzyl Alcohol
Concen: 45.716 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

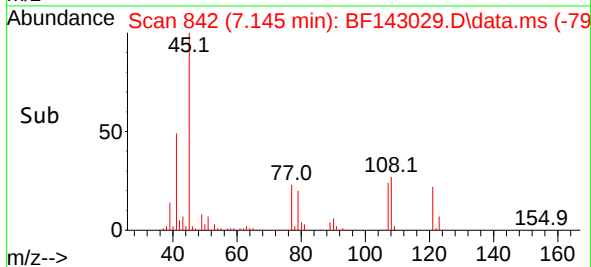
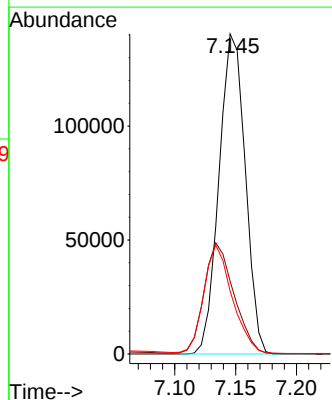
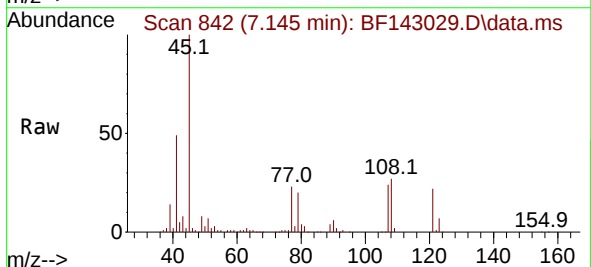
Instrument :
BNA_F
ClientSampleId :
PB168722BS

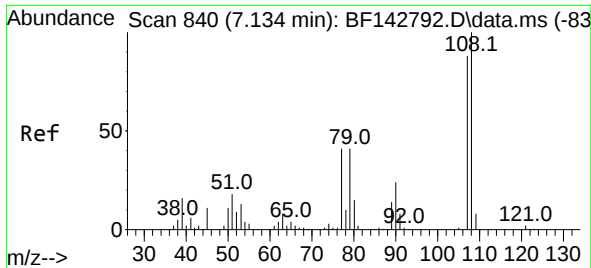
Tgt Ion: 79 Resp: 133425
Ion Ratio Lower Upper
79 100
108 77.0 63.4 95.0
77 60.6 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.841 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion: 45 Resp: 210452
Ion Ratio Lower Upper
45 100
77 22.7 0.0 32.8
79 19.7 0.0 29.8

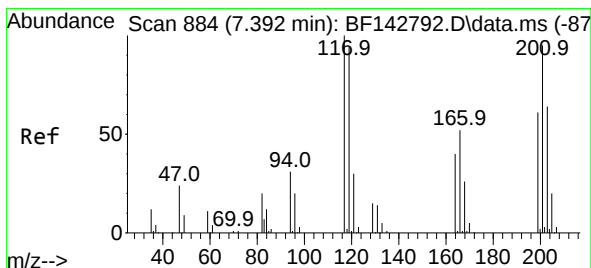
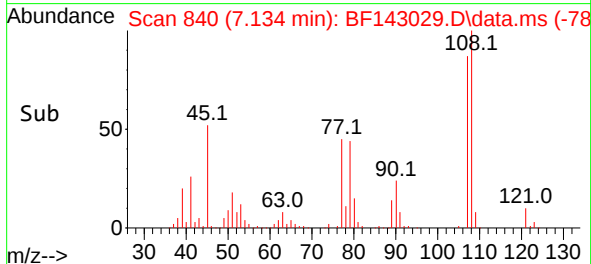
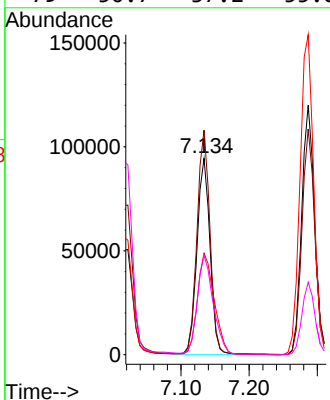
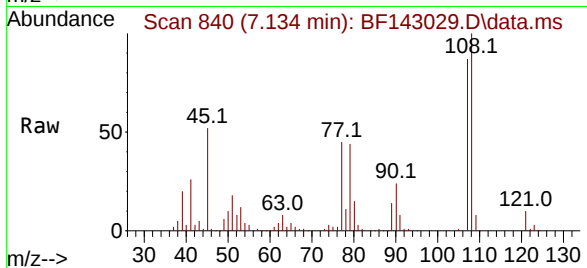




#17
2-Methylphenol
Concen: 45.203 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

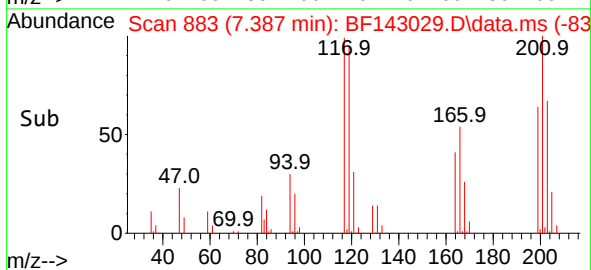
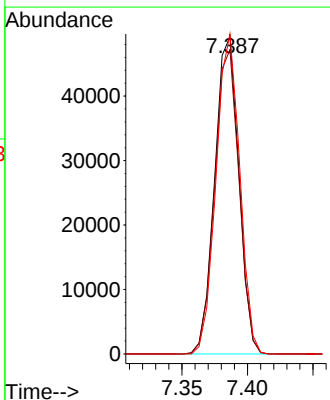
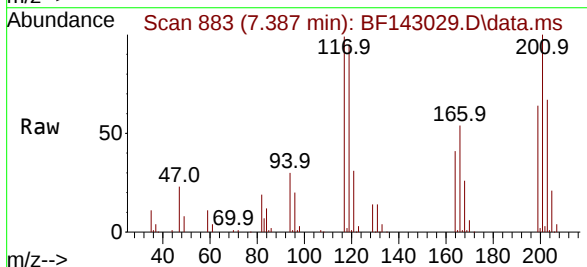
Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:	107	Resp:	126445
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.9	136.3
77	51.7	37.3	55.9
79	50.7	37.2	55.8



#18
Hexachloroethane
Concen: 43.309 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:	117	Resp:	63093
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.4	113.0
201	100.9	75.9	113.9

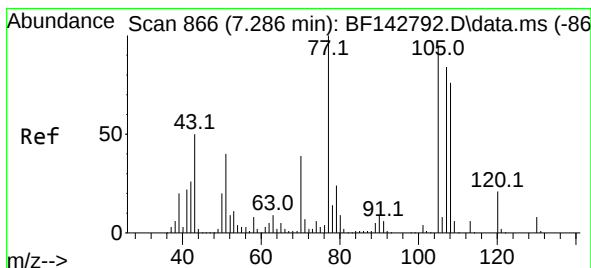
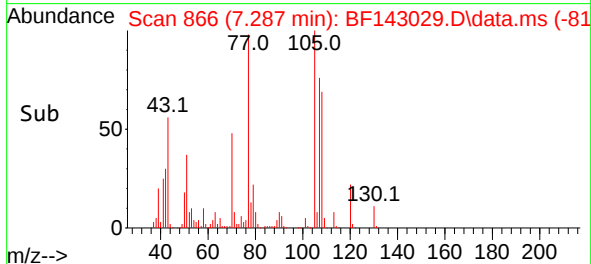
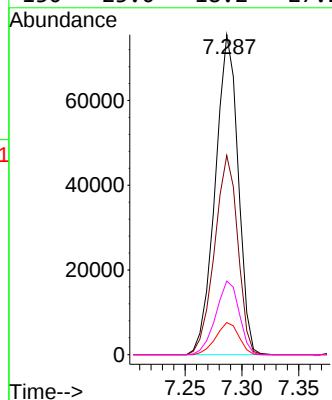
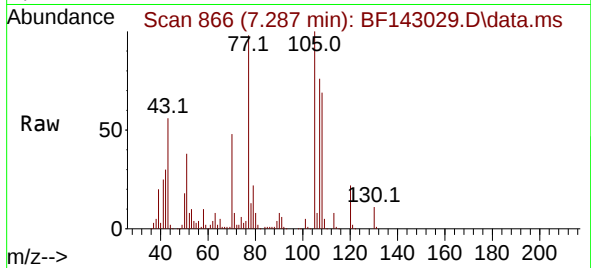




#19
n-Nitroso-di-n-propylamine
Concen: 45.167 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

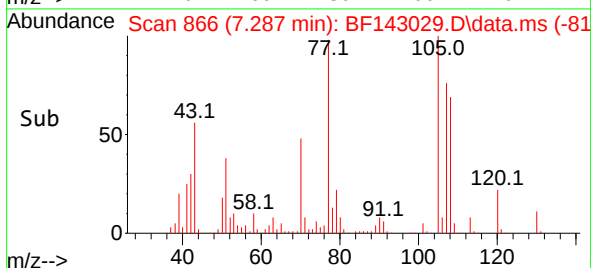
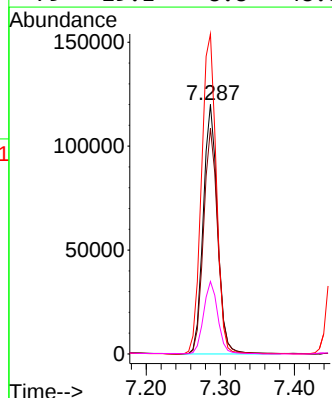
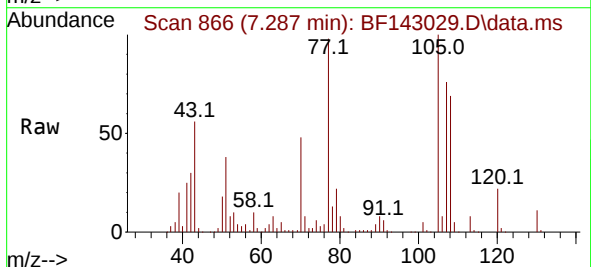
Instrument :
BNA_F
ClientSampleId :
PB168722BS

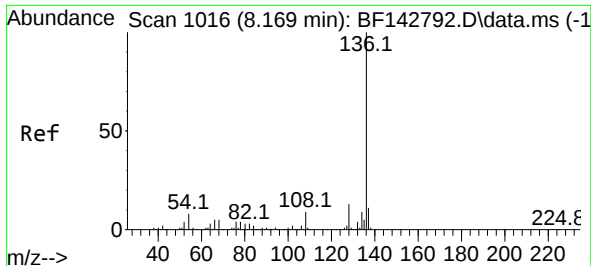
Tgt Ion: 70 Resp: 106051
Ion Ratio Lower Upper
70 100
42 62.3 52.1 78.1
101 10.0 8.2 12.2
130 23.0 18.2 27.2



#20
3+4-Methylphenols
Concen: 46.052 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:107 Resp: 160614
Ion Ratio Lower Upper
107 100
108 90.4 70.0 110.0
77 128.3 98.5 138.5
79 29.1 8.8 48.8

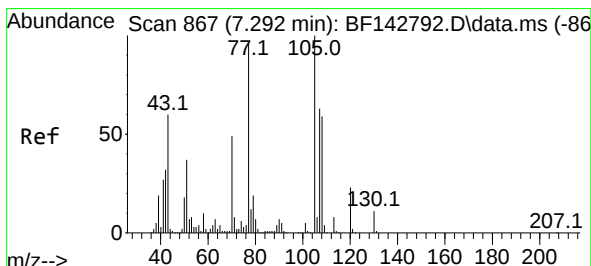
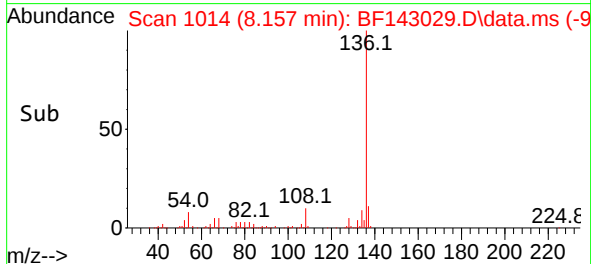
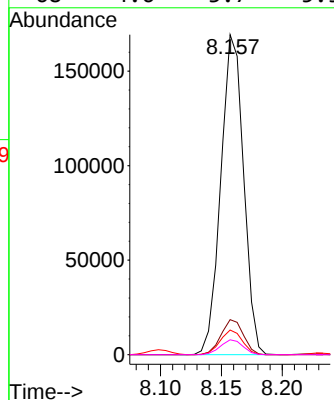
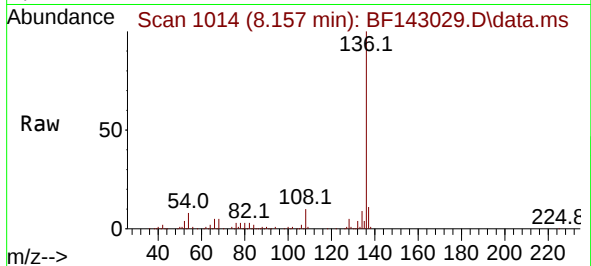




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

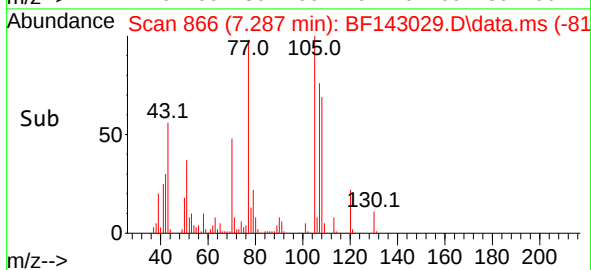
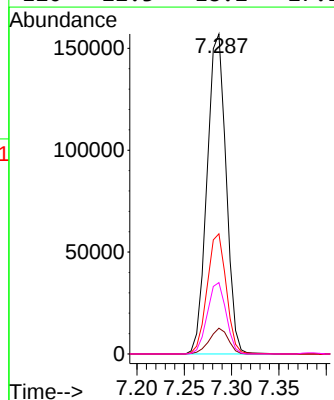
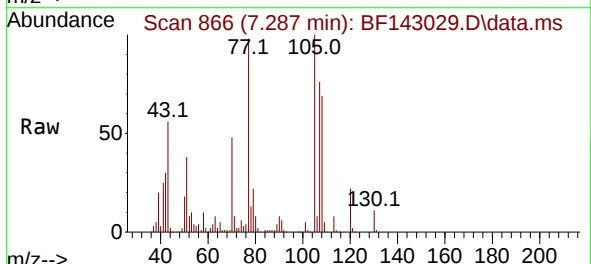
Instrument :
BNA_F
ClientSampleId :
PB168722BS

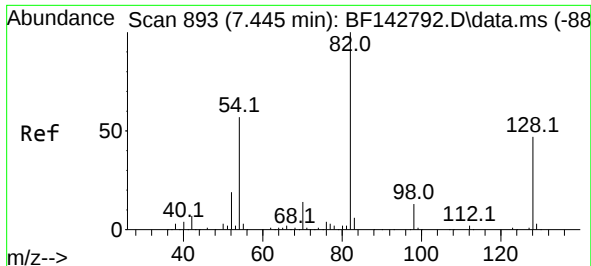
Tgt Ion:	136	Resp:	220160
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	7.7	6.3	9.5
68	4.6	3.7	5.5



#22
Acetophenone
Concen: 45.054 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:	105	Resp:	218734
Ion Ratio	Lower	Upper	
105	100		
71	8.0	6.5	9.7
51	37.6	29.8	44.8
120	22.3	18.2	27.2





#23

Nitrobenzene-d5

Concen: 78.368 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

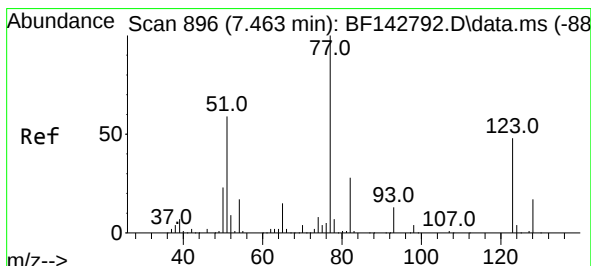
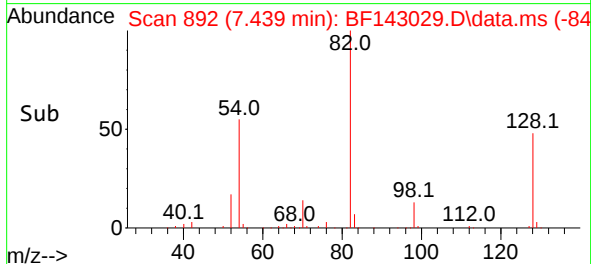
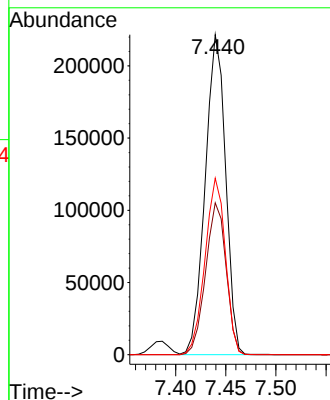
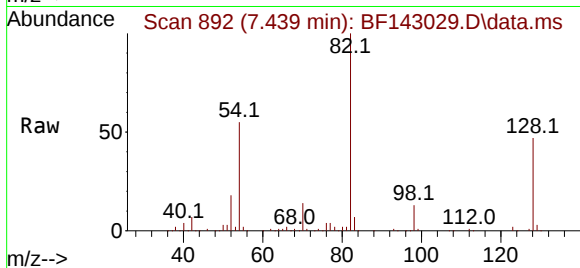
Tgt Ion: 82 Resp: 314553

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 55.2 45.7 68.5



#24

Nitrobenzene

Concen: 43.492 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

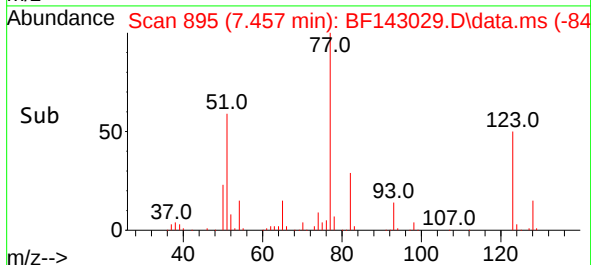
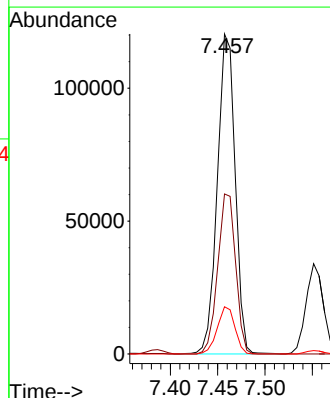
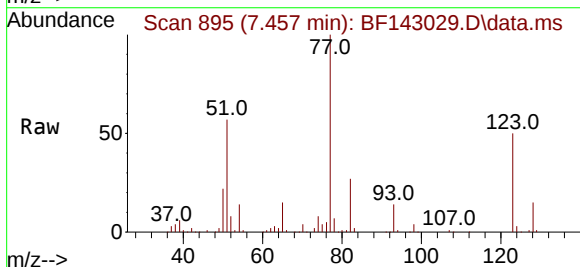
Tgt Ion: 77 Resp: 158000

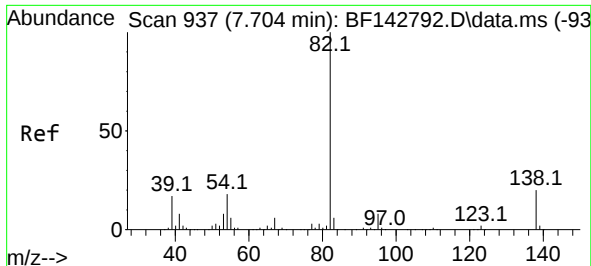
Ion Ratio Lower Upper

77 100

123 50.0 39.2 58.8

65 14.7 11.6 17.4

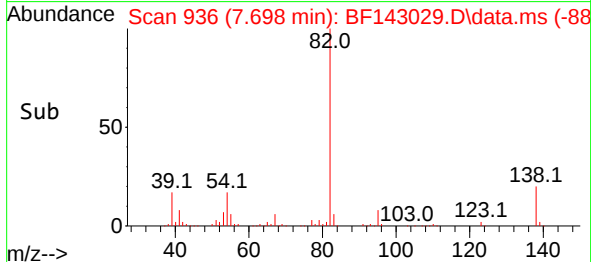
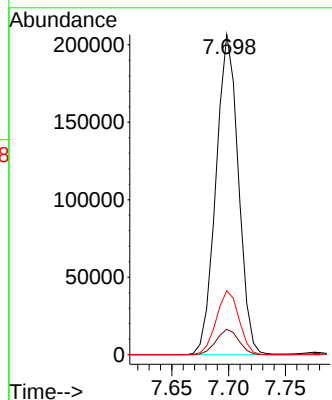
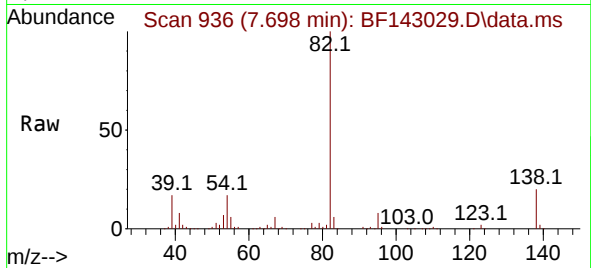




#25
Isophorone
Concen: 44.097 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

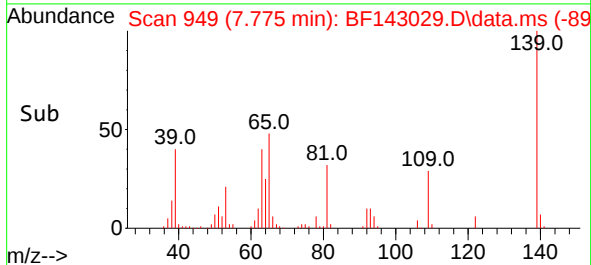
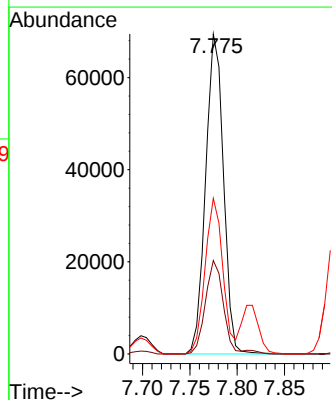
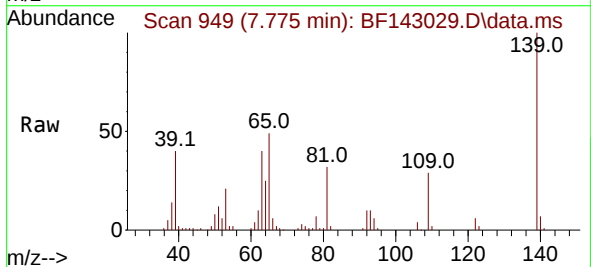
Instrument :
BNA_F
ClientSampleId :
PB168722BS

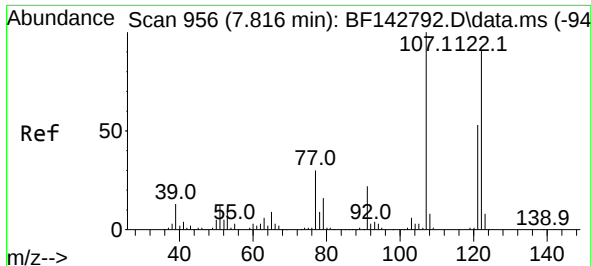
Tgt Ion: 82 Resp: 283931
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 20.0 16.2 24.4



#26
2-Nitrophenol
Concen: 45.789 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:139 Resp: 90615
Ion Ratio Lower Upper
139 100
109 29.2 22.7 34.1
65 48.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.041 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

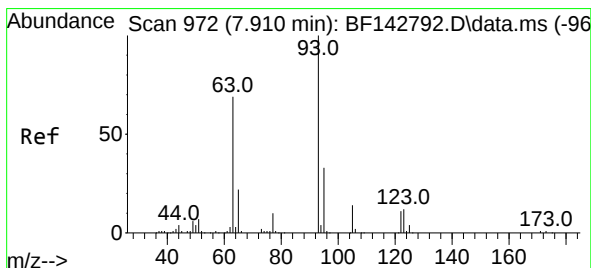
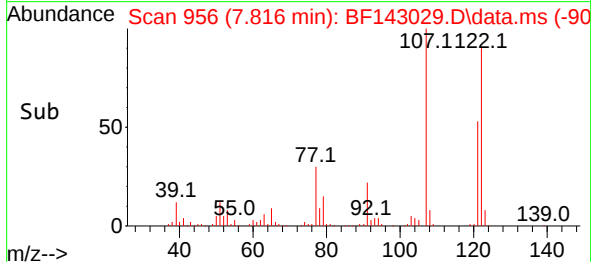
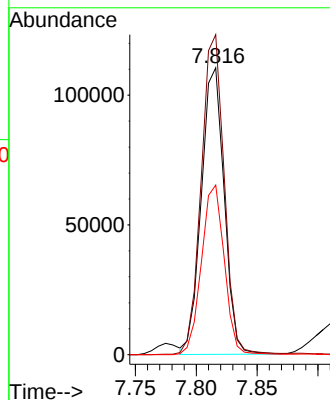
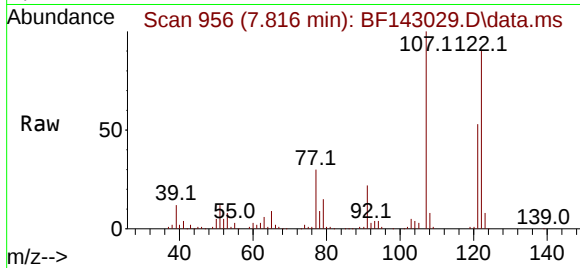
Tgt Ion:122 Resp: 144114

Ion Ratio Lower Upper

122 100

107 111.5 88.0 132.0

121 59.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.484 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

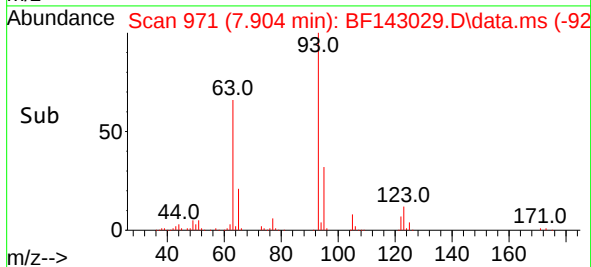
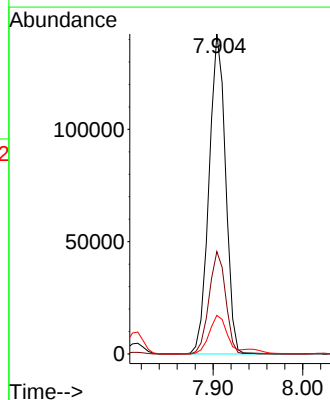
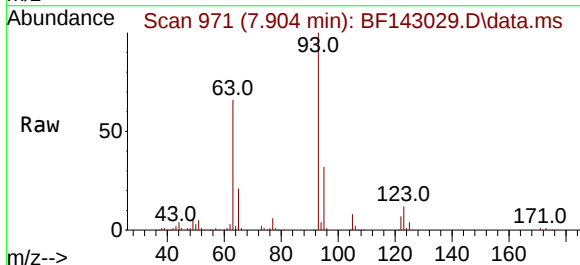
Tgt Ion: 93 Resp: 182094

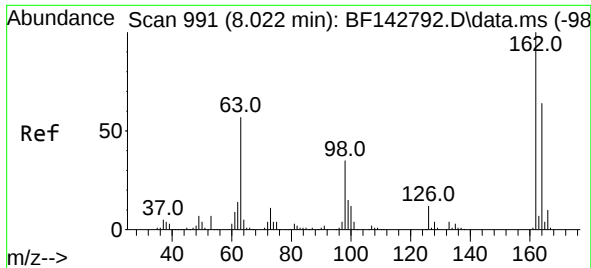
Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.2

123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.825 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143029.D

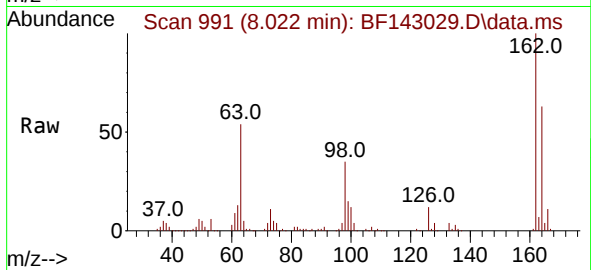
Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS



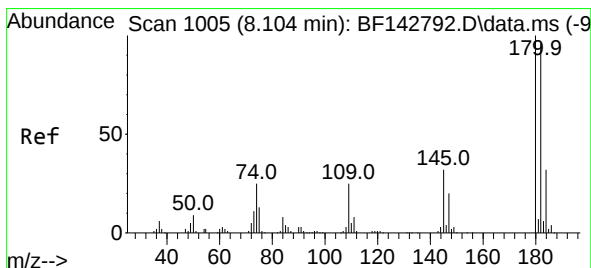
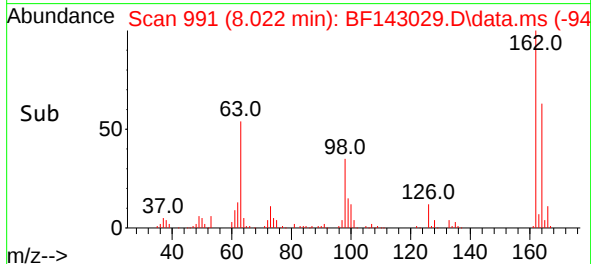
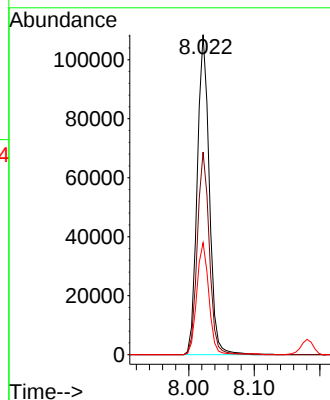
Tgt Ion:162 Resp: 139324

Ion Ratio Lower Upper

162 100

164 63.3 44.0 84.0

98 35.0 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.905 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

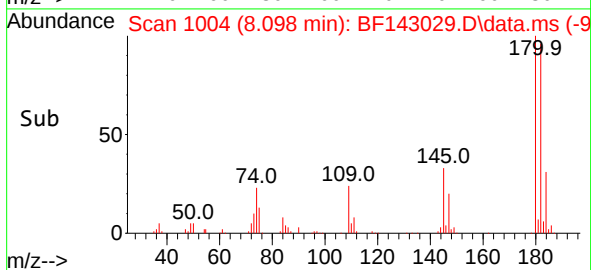
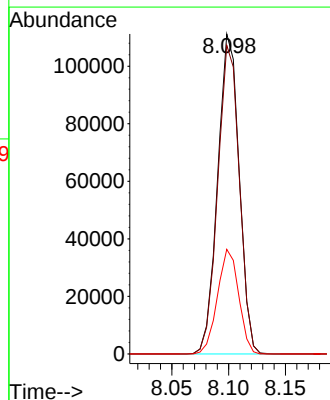
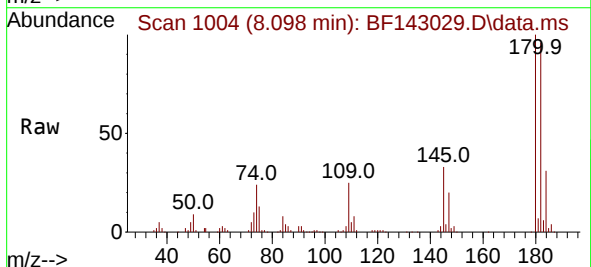
Tgt Ion:180 Resp: 146639

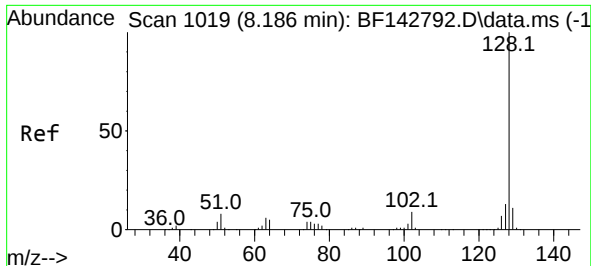
Ion Ratio Lower Upper

180 100

182 96.5 76.4 114.6

145 32.7 25.8 38.8

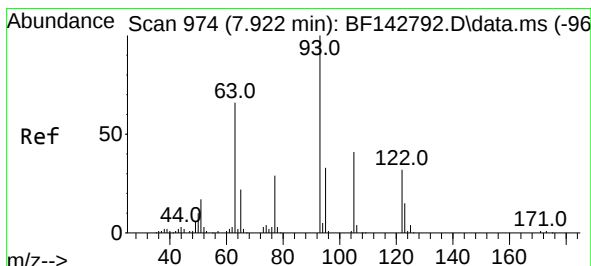
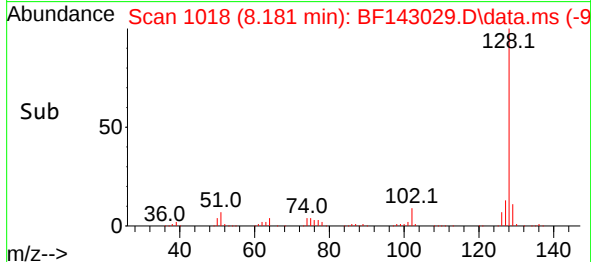
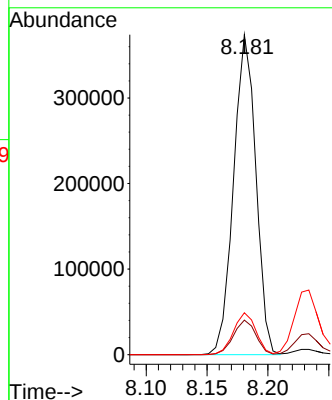
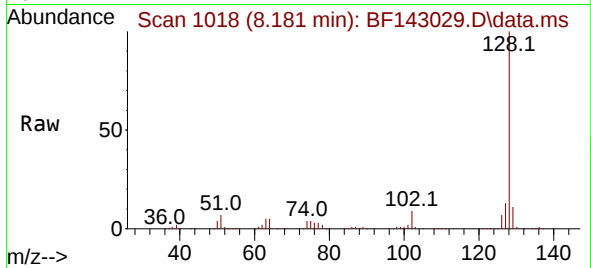




#31
Naphthalene
Concen: 44.174 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

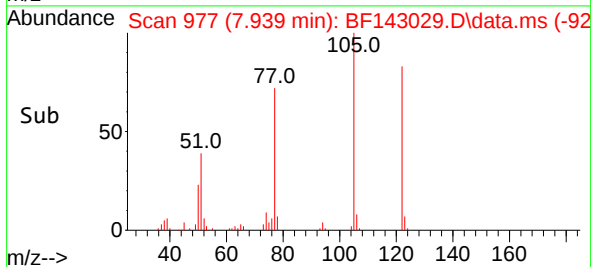
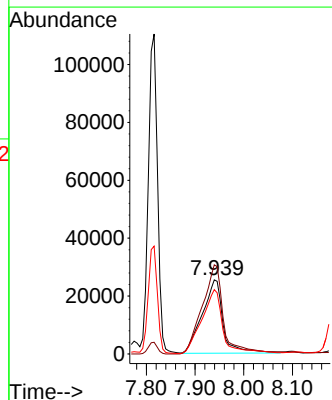
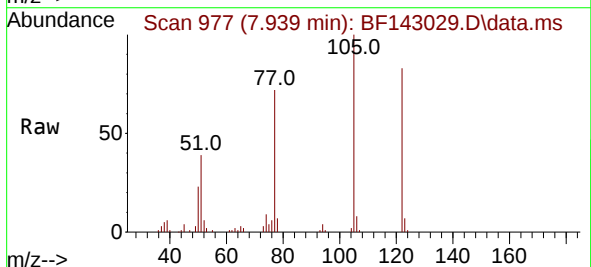
Instrument :
BNA_F
ClientSampleId :
PB168722BS

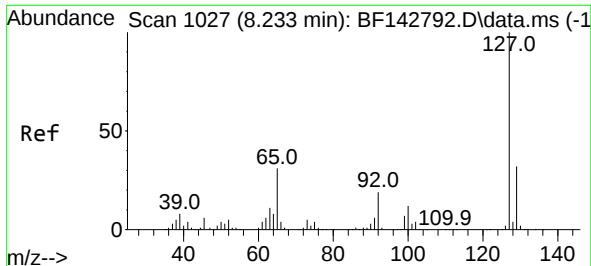
Tgt Ion:128 Resp: 476035
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 43.024 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:122 Resp: 75170
Ion Ratio Lower Upper
122 100
105 120.2 104.7 144.7
77 86.8 70.2 110.2

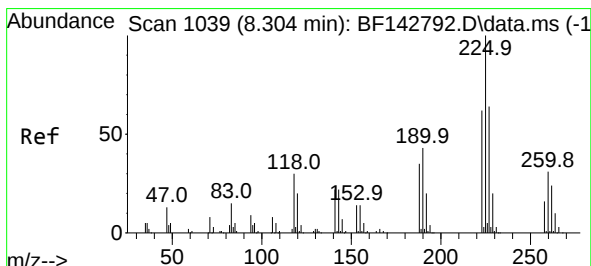
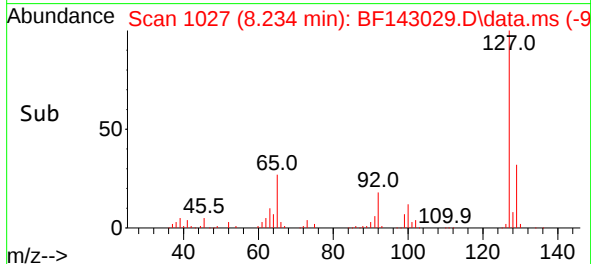
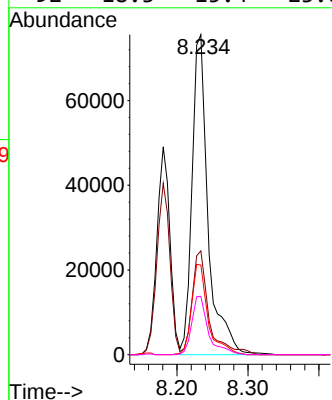
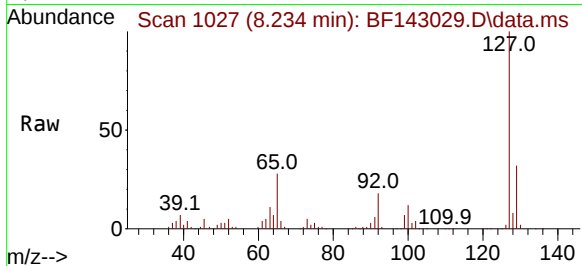




#33
4-Chloroaniline
Concen: 27.208 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

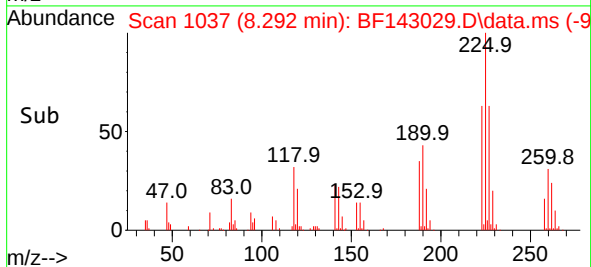
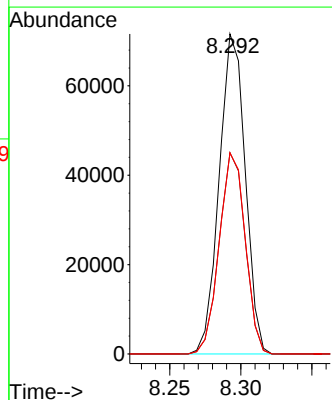
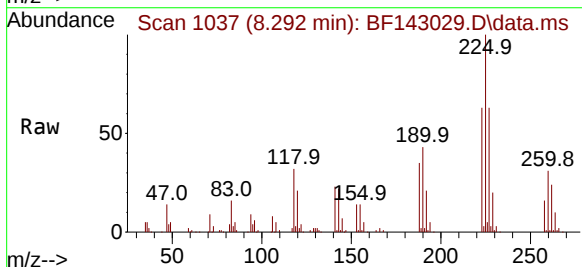
Instrument :
BNA_F
ClientSampleId :
PB168722BS

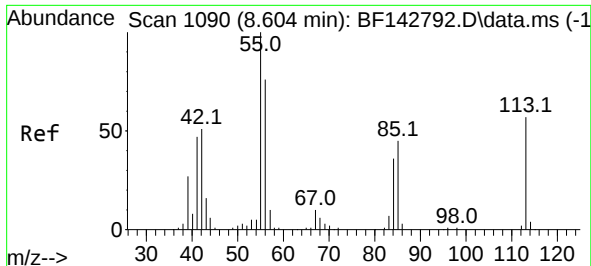
Tgt Ion:127	Resp:	119222
Ion	Ratio	Lower Upper
127	100	
129	32.4	25.9 38.9
65	28.0	24.6 36.8
92	18.3	15.4 23.0



#34
Hexachlorobutadiene
Concen: 43.646 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:225	Resp:	91247
Ion	Ratio	Lower Upper
225	100	
223	62.9	49.9 74.9
227	62.8	51.4 77.0

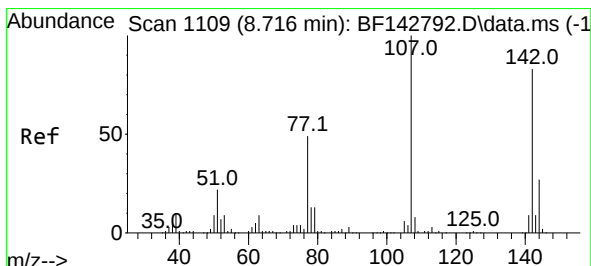
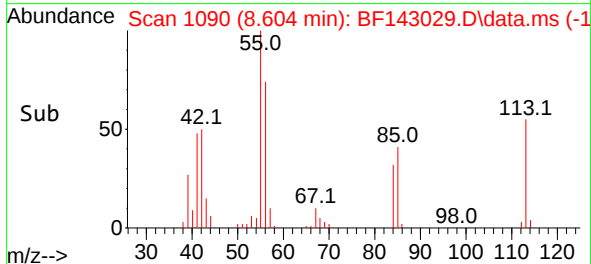
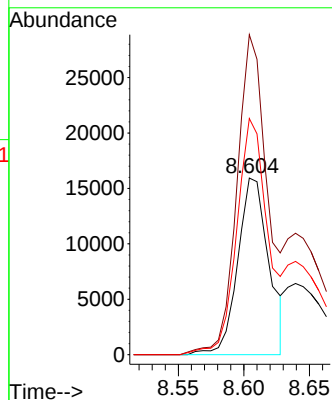
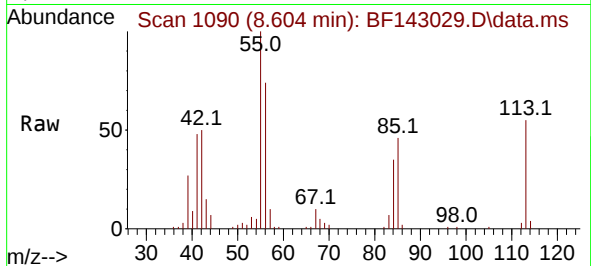




#35
Caprolactam
Concen: 32.016 ng
RT: 8.604 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

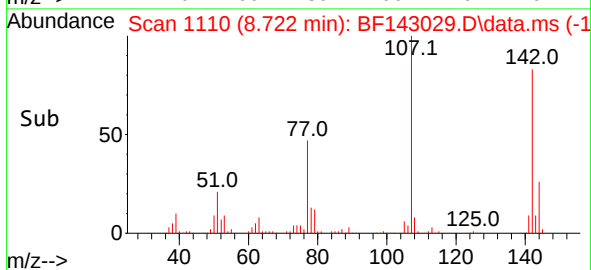
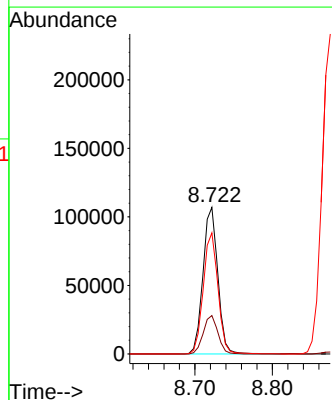
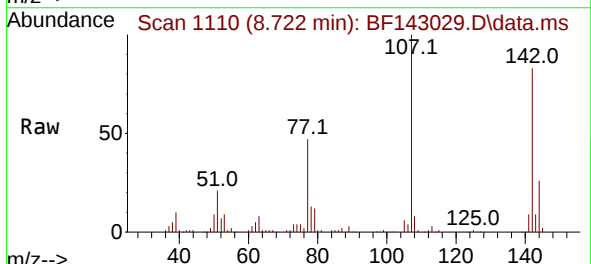
Instrument :
BNA_F
ClientSampleId :
PB168722BS

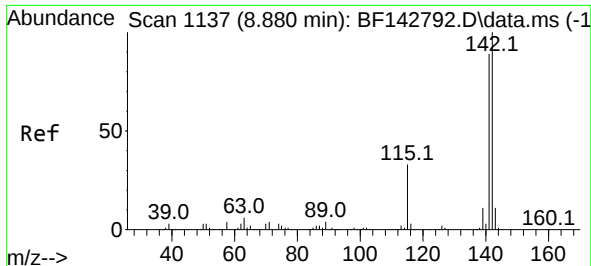
Tgt Ion:113 Resp: 26259
Ion Ratio Lower Upper
113 100
55 181.2 154.4 194.4
56 133.7 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 46.004 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:107 Resp: 142106
Ion Ratio Lower Upper
107 100
144 26.3 21.3 31.9
142 82.6 66.6 100.0





#37

2-Methylnaphthalene

Concen: 44.415 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

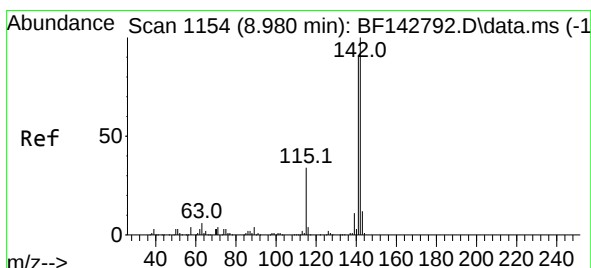
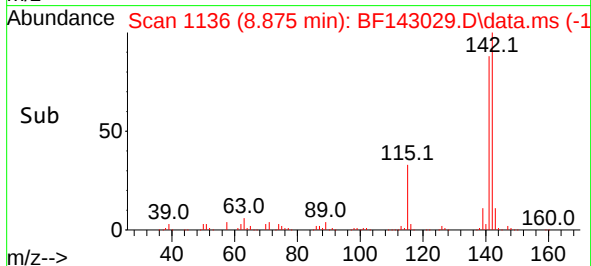
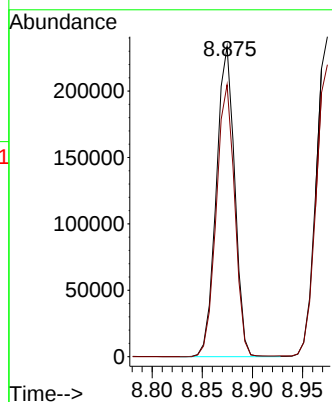
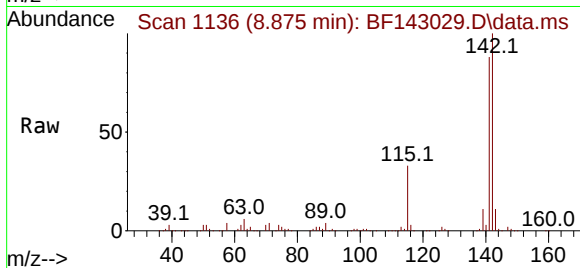
PB168722BS

Tgt Ion:142 Resp: 296736

Ion Ratio Lower Upper

142 100

141 87.7 70.9 106.3



#38

1-Methylnaphthalene

Concen: 44.442 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF143029.D

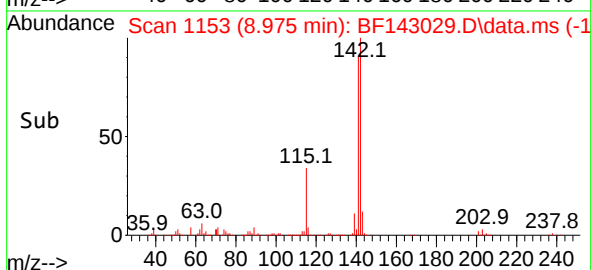
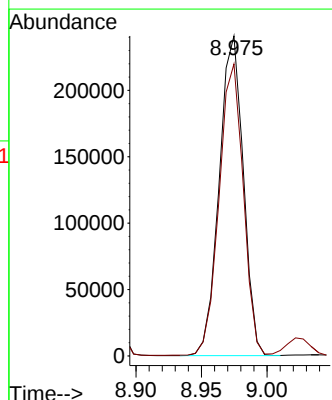
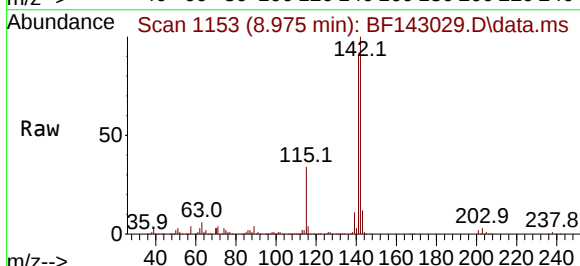
Acq: 08 Jul 2025 12:55

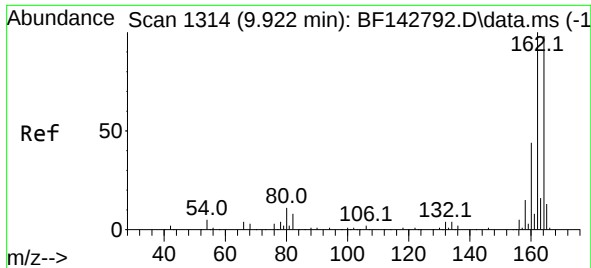
Tgt Ion:142 Resp: 307365

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4

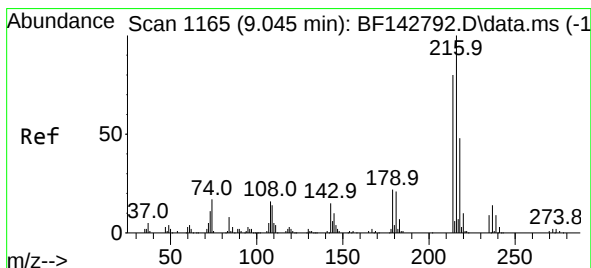
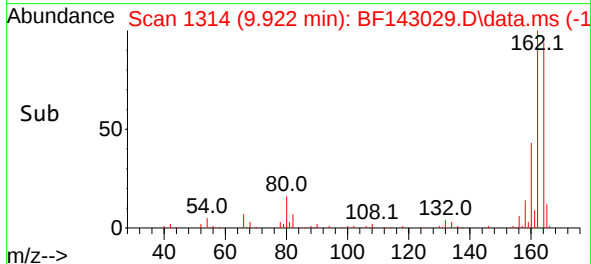
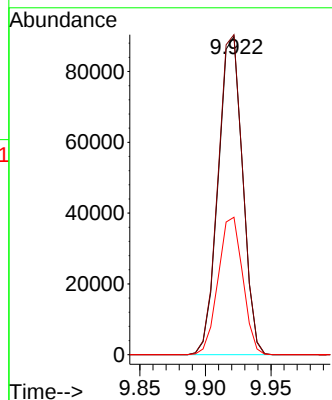
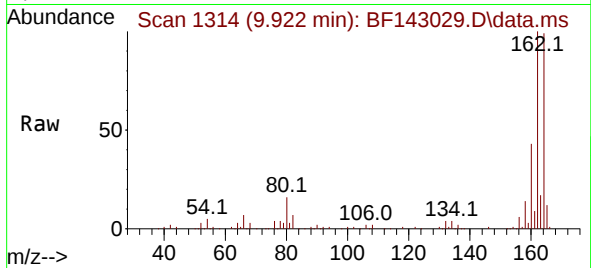




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

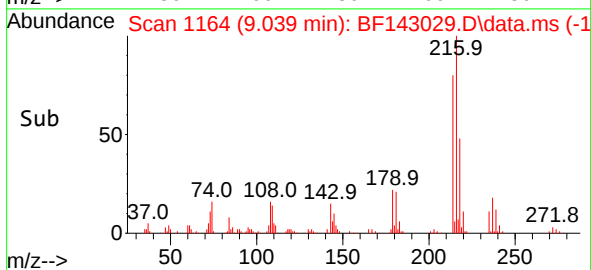
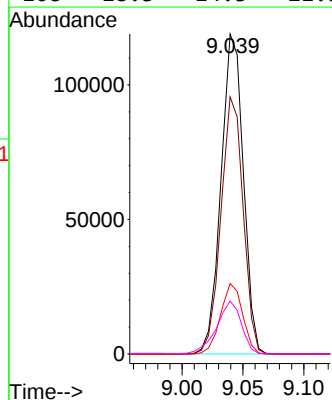
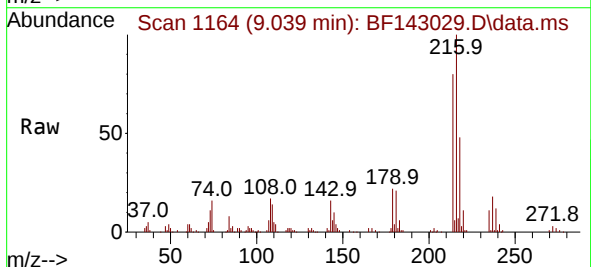
Instrument :
BNA_F
ClientSampleId :
PB168722BS

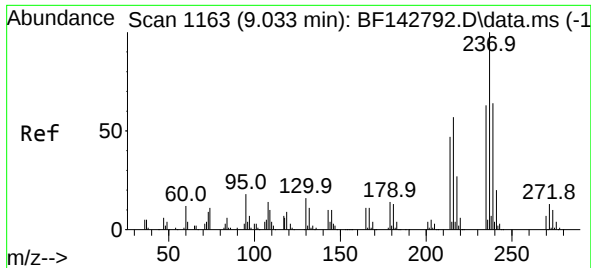
Tgt Ion:164 Resp: 116094
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.8
160 43.2 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.294 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

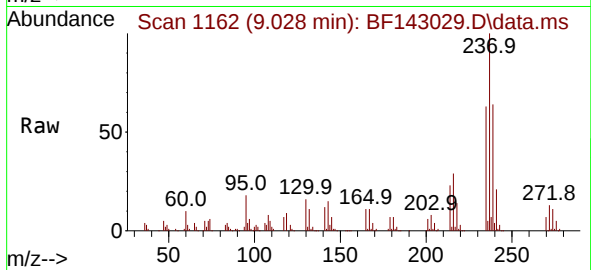
Tgt Ion:216 Resp: 151731
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 21.8 17.6 26.4
108 18.3 14.3 21.5



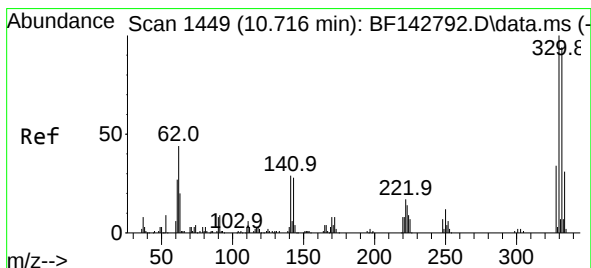
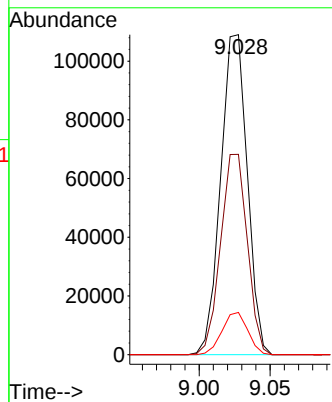
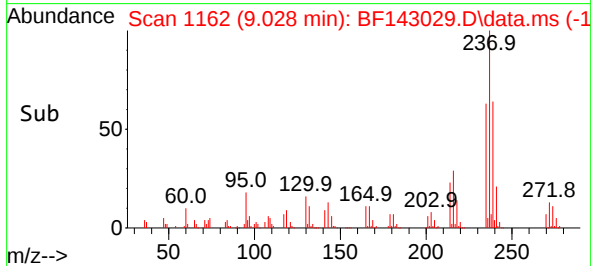


#41
Hexachlorocyclopentadiene
Concen: 73.159 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

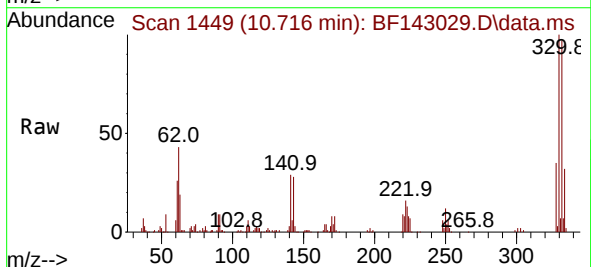
Instrument :
BNA_F
ClientSampleId :
PB168722BS



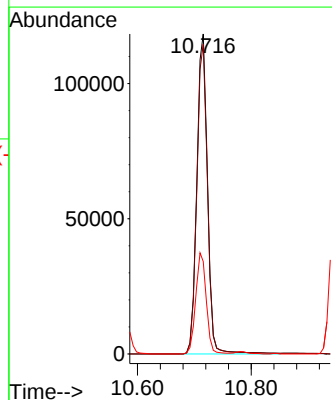
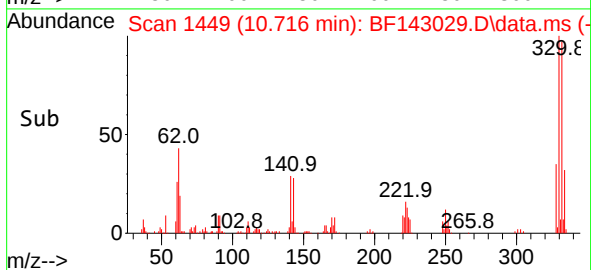
Tgt Ion:237 Resp: 142216
Ion Ratio Lower Upper
237 100
235 62.6 43.4 83.4
272 13.2 0.0 32.7

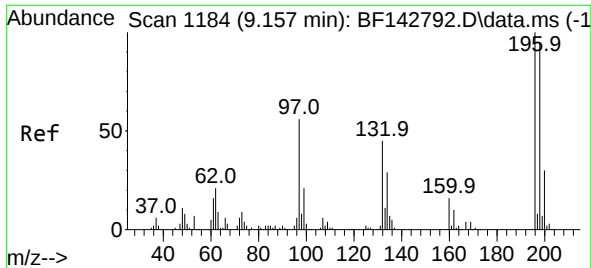


#42
2,4,6-Tribromophenol
Concen: 130.371 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55



Tgt Ion:330 Resp: 155752
Ion Ratio Lower Upper
330 100
332 96.9 75.0 112.6
141 31.2 25.3 37.9

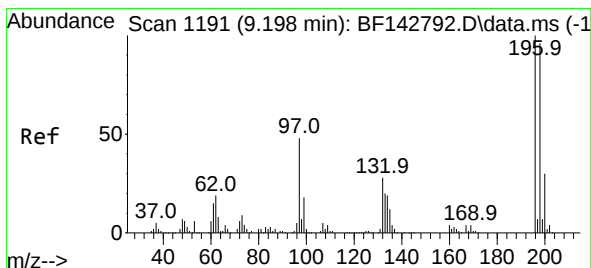
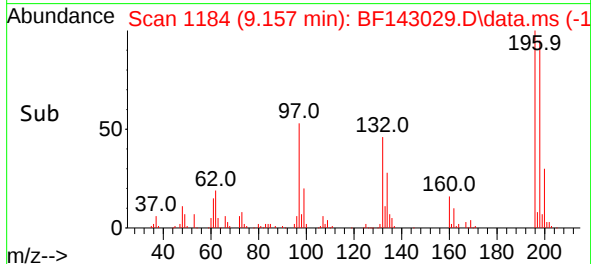
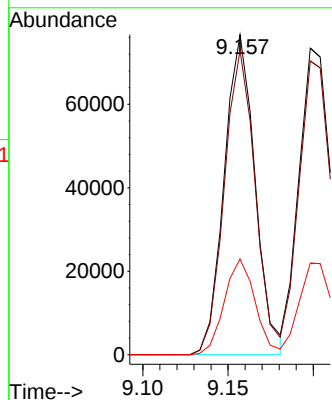
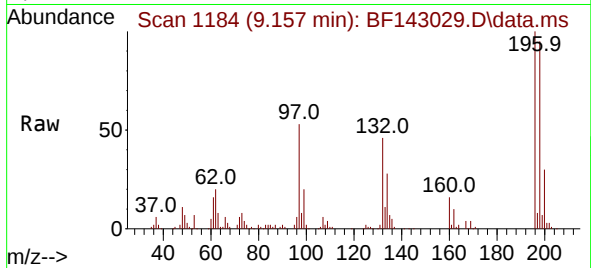




#43
2,4,6-Trichlorophenol
Concen: 43.270 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

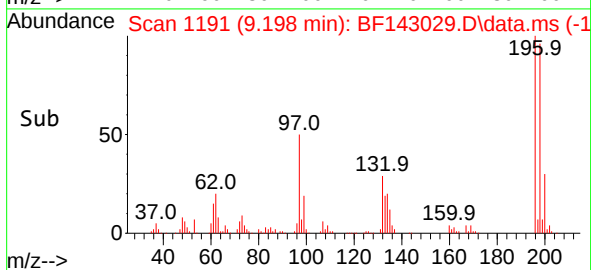
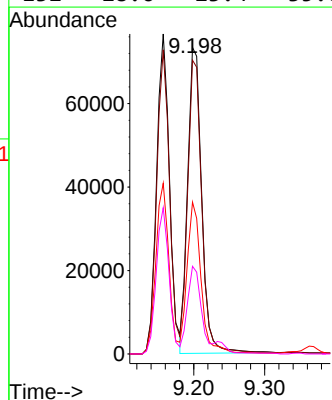
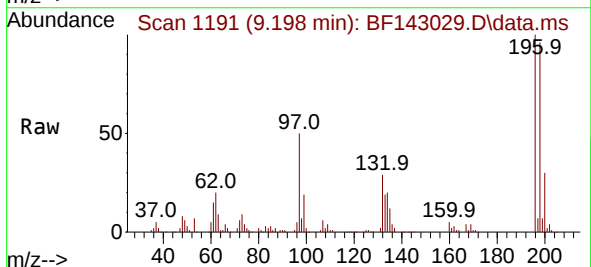
Instrument :
BNA_F
ClientSampleId :
PB168722BS

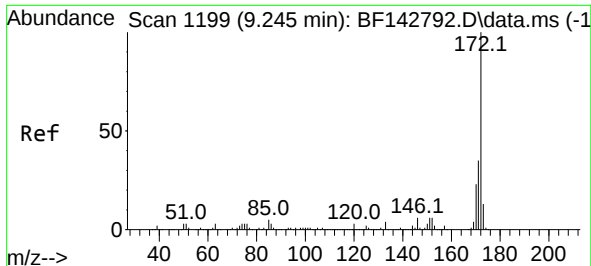
Tgt Ion:196 Resp: 96587
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 29.9 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.065 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:196 Resp: 101191
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
97 49.5 38.2 57.2
132 28.6 23.4 35.0

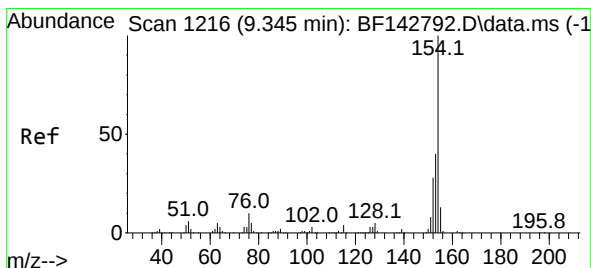
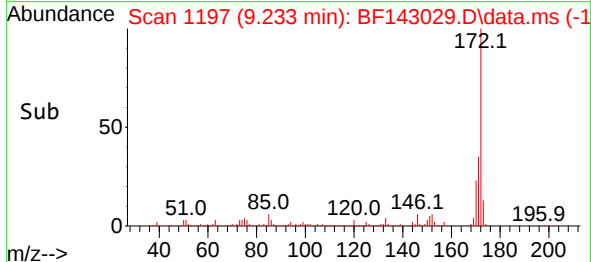
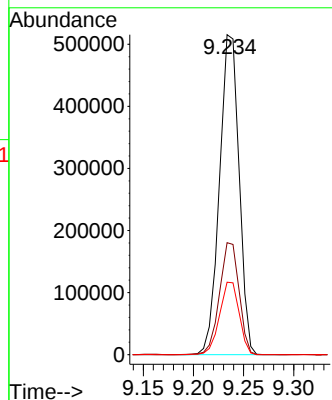
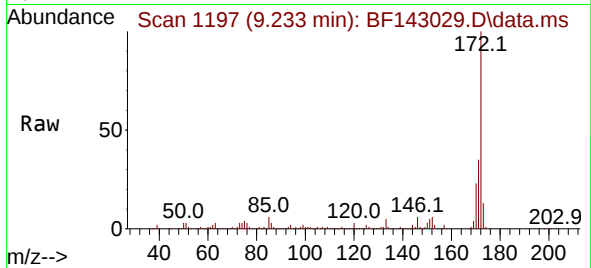




#45
2-Fluorobiphenyl
Concen: 79.035 ng
RT: 9.233 min Scan# 1199
Delta R.T. -0.011 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

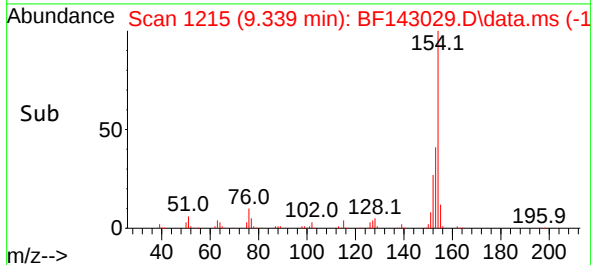
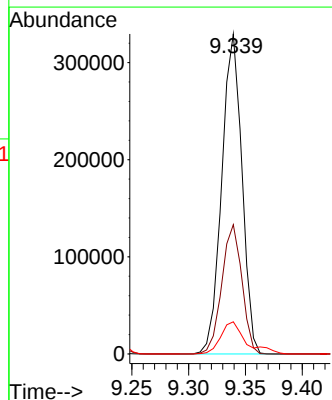
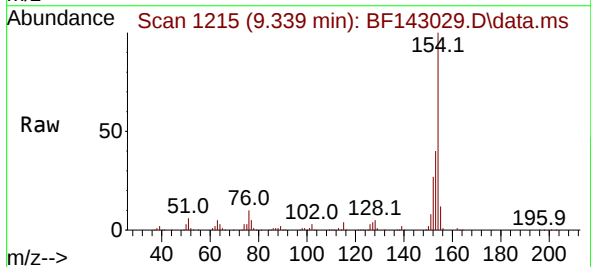
Instrument :
BNA_F
ClientSampleId :
PB168722BS

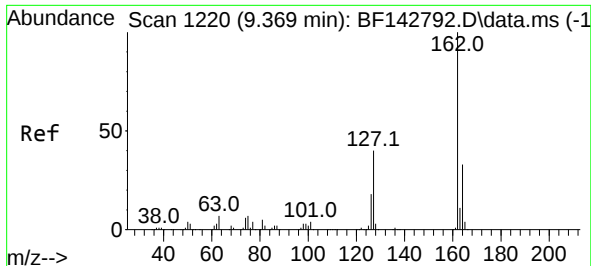
Tgt Ion:172 Resp: 698464
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 22.7 18.5 27.7



#46
1,1'-Biphenyl
Concen: 44.443 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:154 Resp: 407573
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 10.1 0.0 30.3

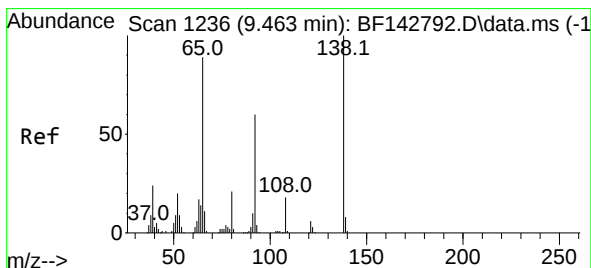
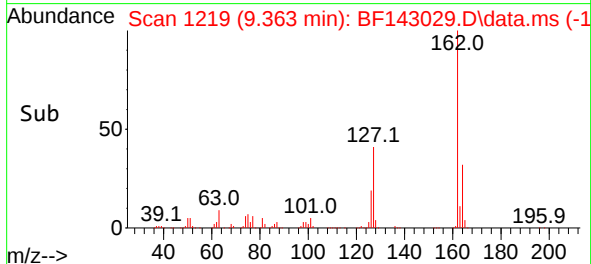
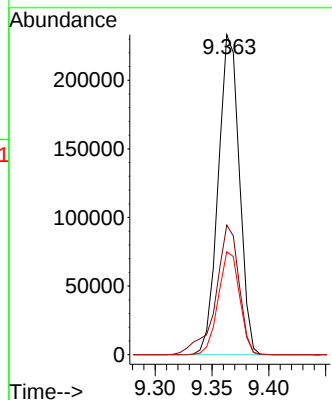
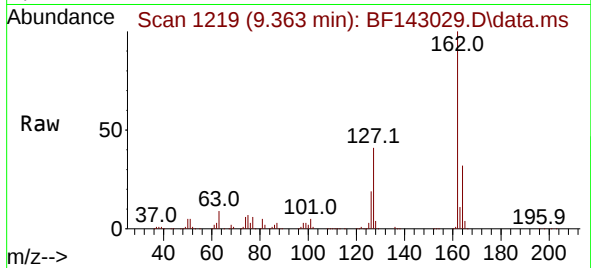




#47
2-Chloronaphthalene
Concen: 43.914 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

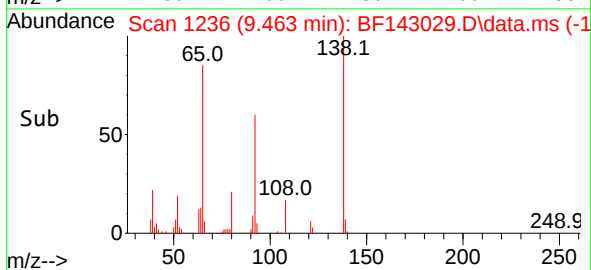
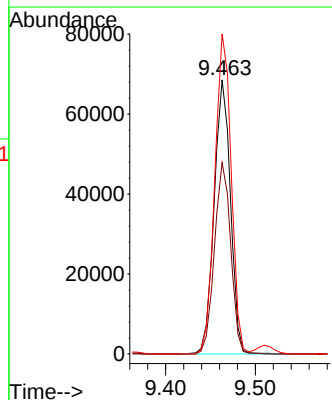
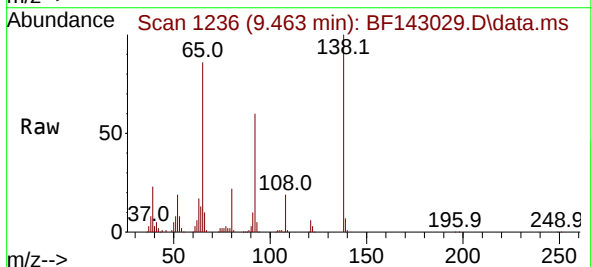
Instrument :
BNA_F
ClientSampleId :
PB168722BS

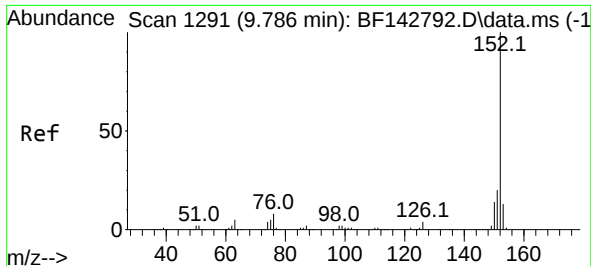
Tgt Ion:162 Resp: 302216
Ion Ratio Lower Upper
162 100
127 40.5 32.2 48.2
164 32.2 26.1 39.1



#48
2-Nitroaniline
Concen: 44.881 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

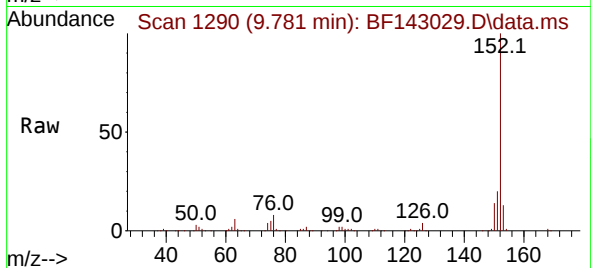
Tgt Ion: 65 Resp: 86594
Ion Ratio Lower Upper
65 100
92 69.8 53.8 80.6
138 116.7 89.6 134.4



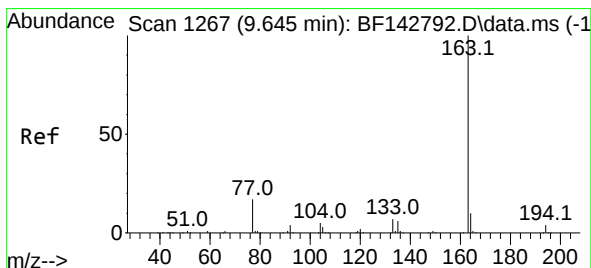
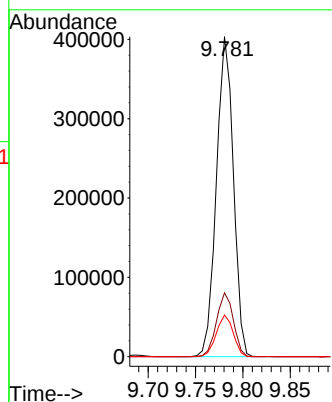
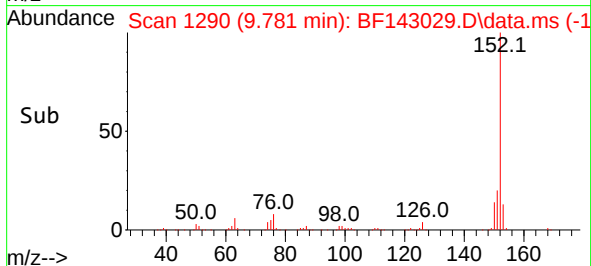


#49
Acenaphthylene
Concen: 44.498 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

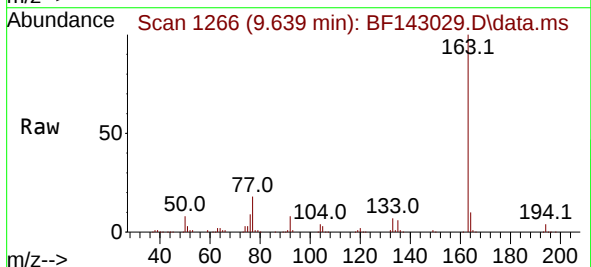
Instrument :
BNA_F
ClientSampleId :
PB168722BS



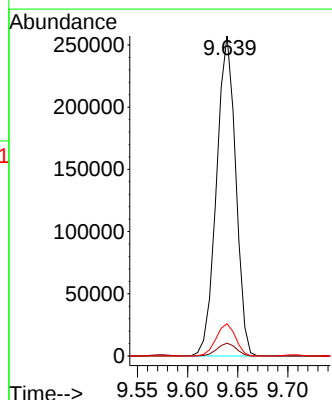
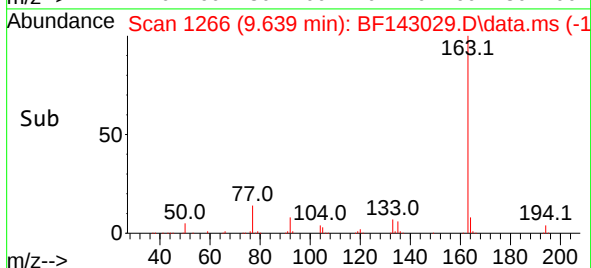
Tgt Ion:152 Resp: 504125
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.0 10.4 15.6

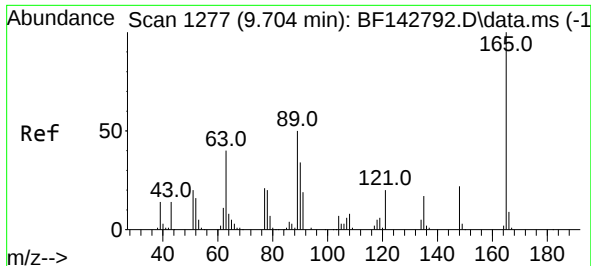


#50
Dimethylphthalate
Concen: 45.562 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55



Tgt Ion:163 Resp: 342391
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 46.398 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

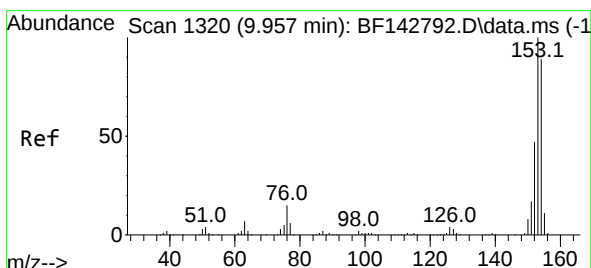
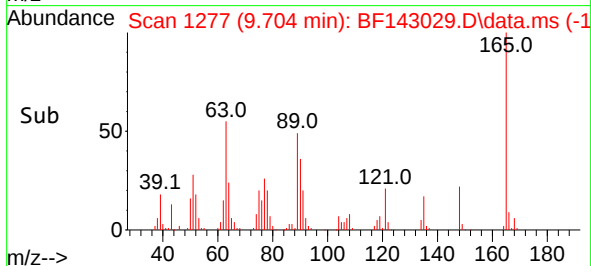
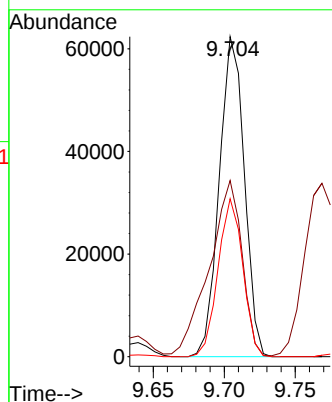
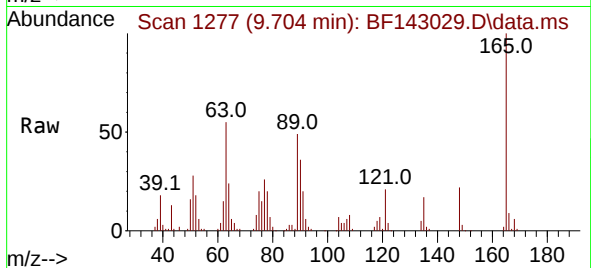
Tgt Ion:165 Resp: 76571

Ion Ratio Lower Upper

165 100

63 55.0 44.2 66.4

89 49.4 39.8 59.8



#52

Acenaphthene

Concen: 42.018 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

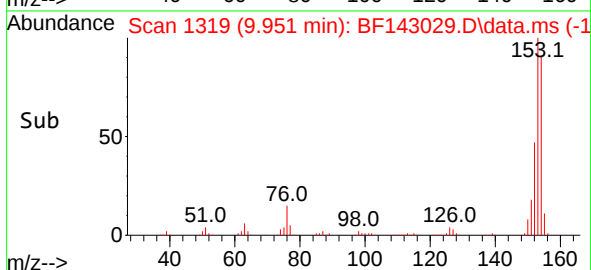
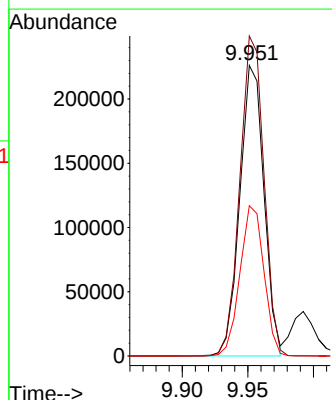
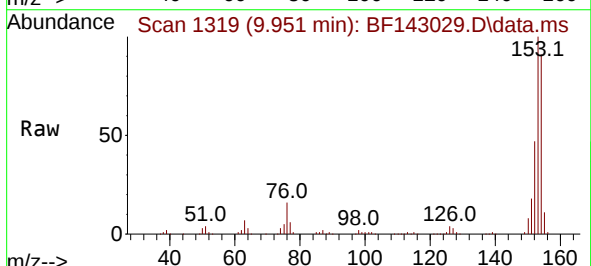
Tgt Ion:154 Resp: 290439

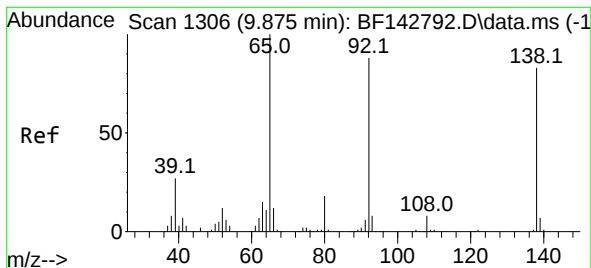
Ion Ratio Lower Upper

154 100

153 110.1 90.0 135.0

152 51.7 41.9 62.9





#53

3-Nitroaniline

Concen: 30.749 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

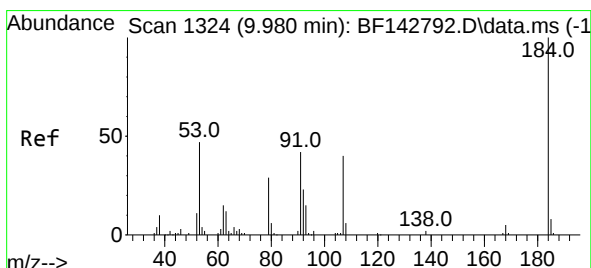
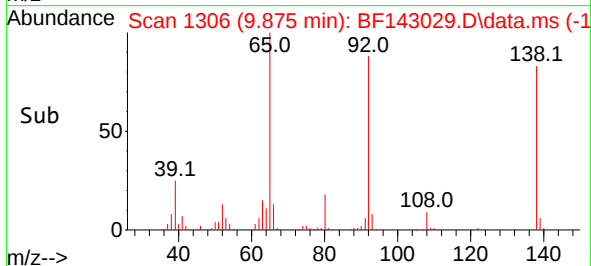
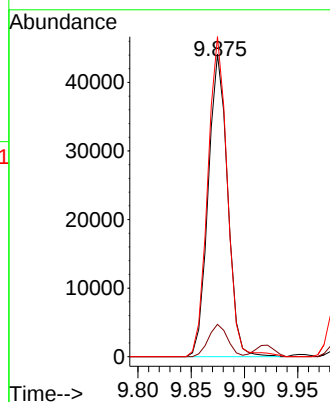
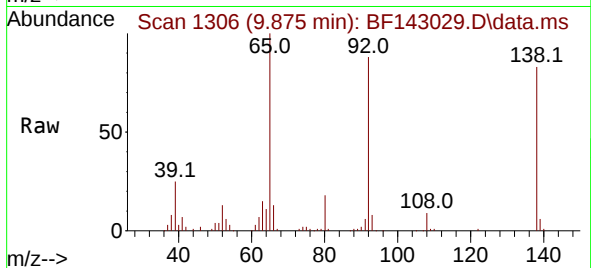
Tgt Ion:138 Resp: 55871

Ion Ratio Lower Upper

138 100

108 10.7 8.1 12.1

92 105.7 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 92.423 ng

RT: 9.992 min Scan# 1326

Delta R.T. 0.012 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

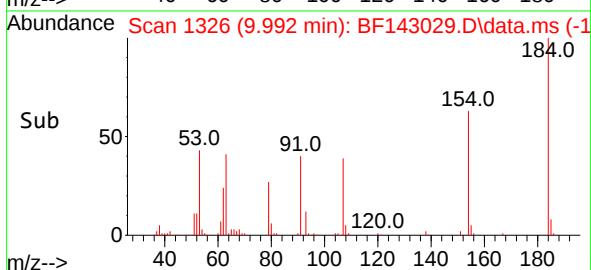
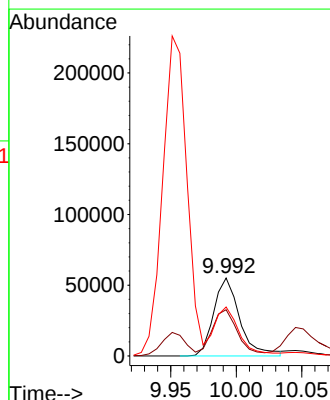
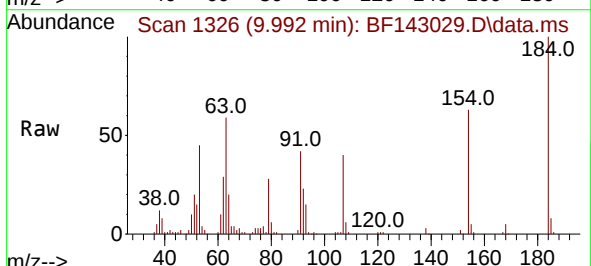
Tgt Ion:184 Resp: 76374

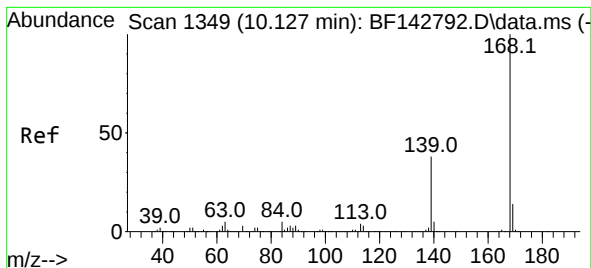
Ion Ratio Lower Upper

184 100

63 59.4 50.6 75.8

154 62.8 51.8 77.8





#55

Dibenzofuran

Concen: 44.183 ng

RT: 10.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

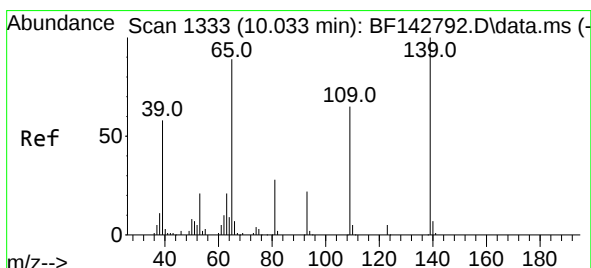
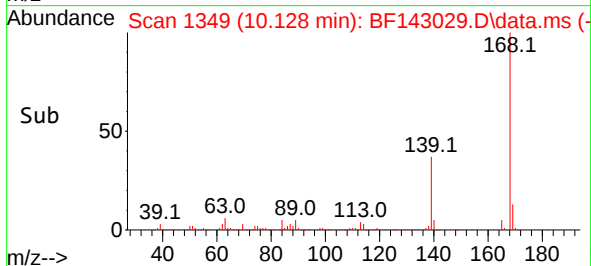
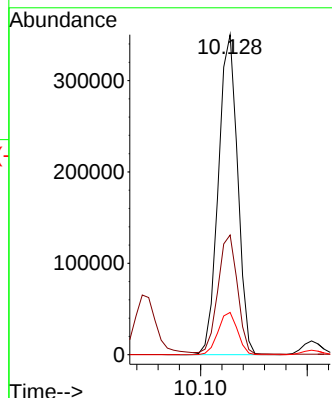
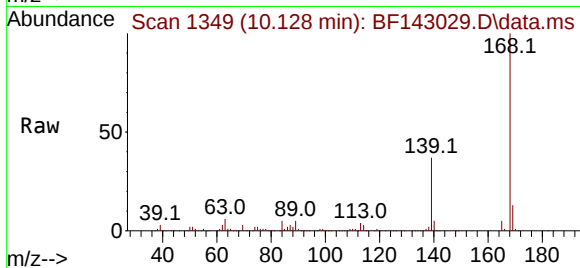
Tgt Ion:168 Resp: 437940

Ion Ratio Lower Upper

168 100

139 37.4 30.2 45.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 75.123 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

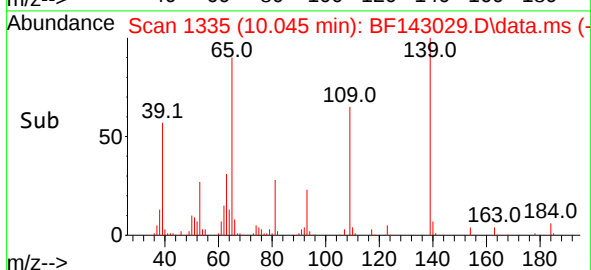
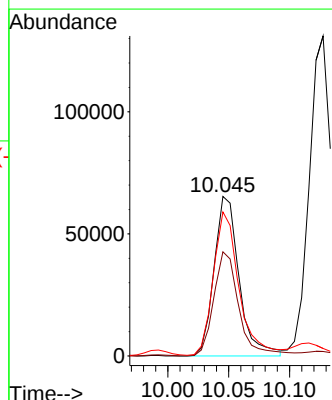
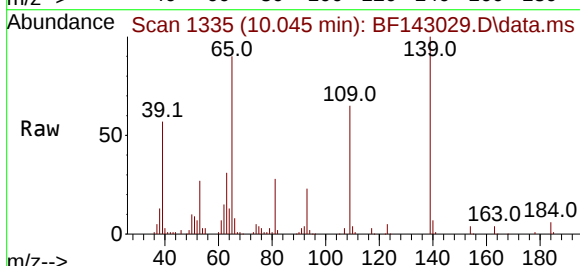
Tgt Ion:139 Resp: 93448

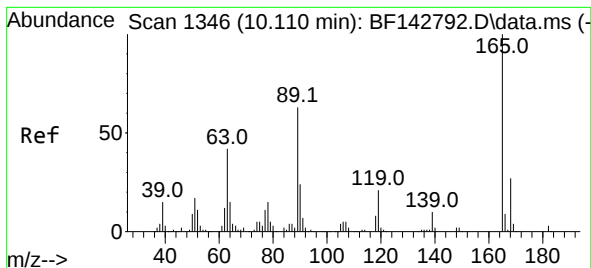
Ion Ratio Lower Upper

139 100

109 65.3 44.7 84.7

65 90.3 69.8 109.8

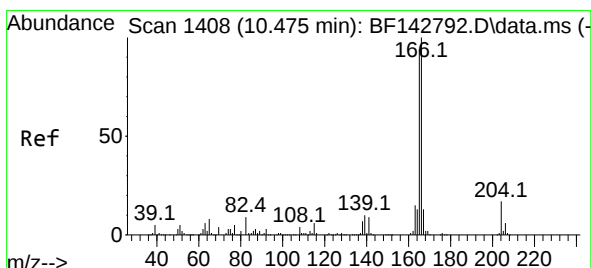
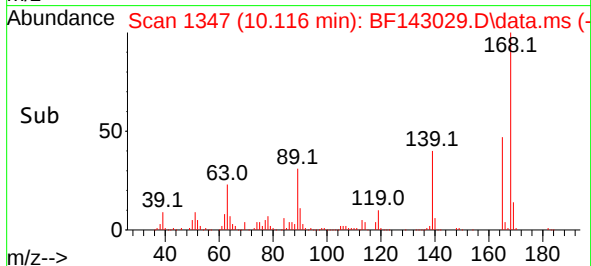
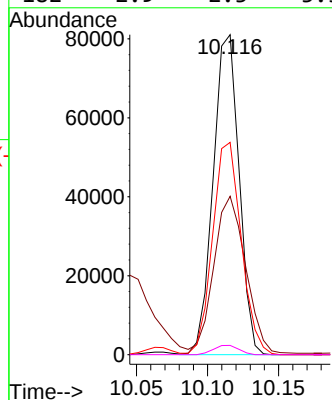
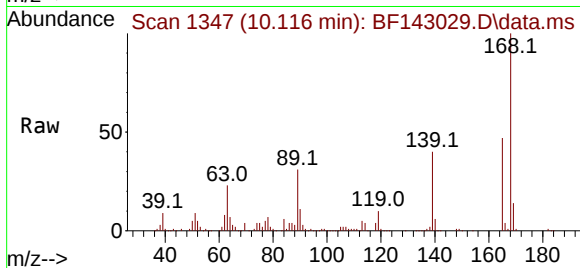




#57
2,4-Dinitrotoluene
Concen: 46.946 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

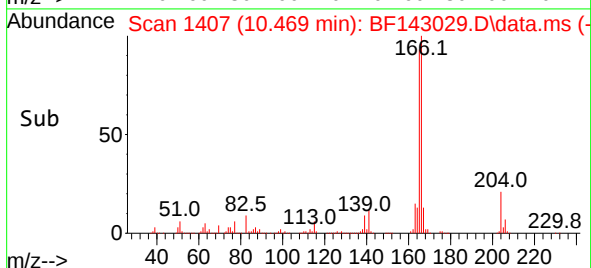
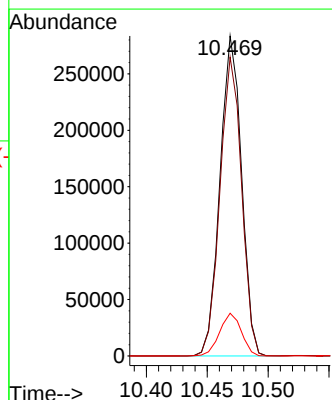
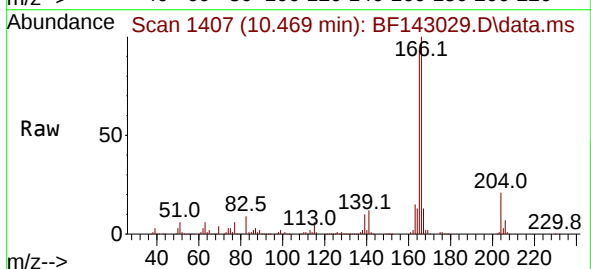
Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:165 Resp: 102912
Ion Ratio Lower Upper
165 100
63 49.5 33.9 50.9
89 66.3 50.6 75.8
182 2.9 2.3 3.5



#58
Fluorene
Concen: 45.185 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:166 Resp: 349779
Ion Ratio Lower Upper
166 100
165 93.4 75.2 112.8
167 13.3 10.6 15.8



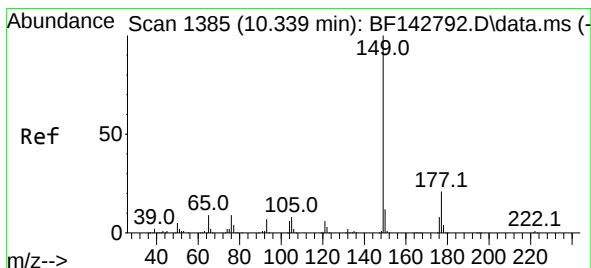
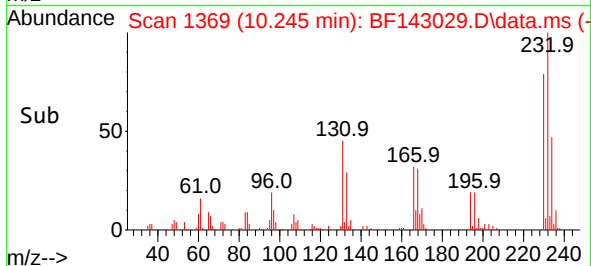
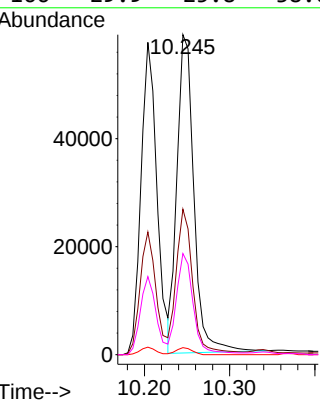
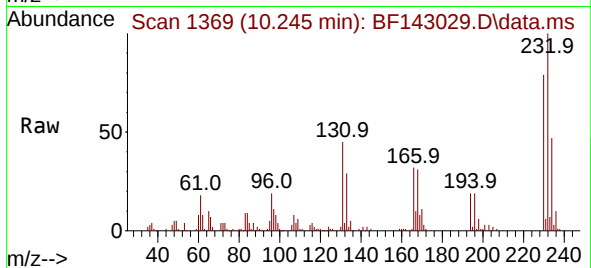


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.946 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:232 Resp: 81341

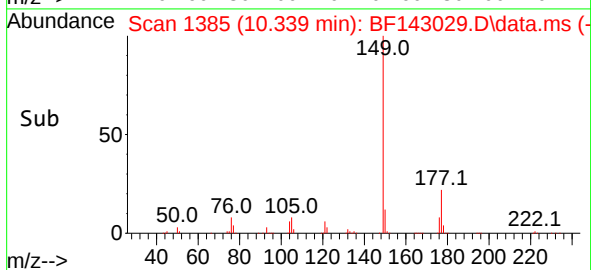
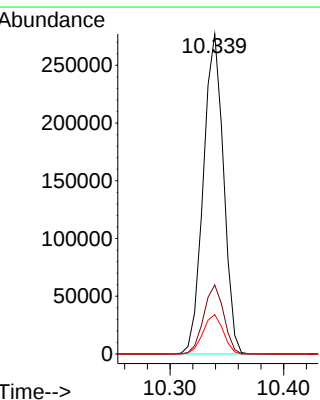
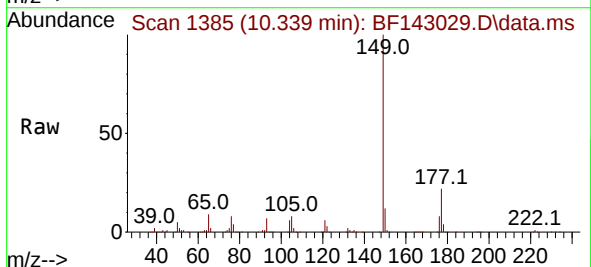
Ion	Ratio	Lower	Upper
232	100		
131	44.1	37.6	56.4
130	2.1	1.7	2.5
166	29.9	25.8	38.6

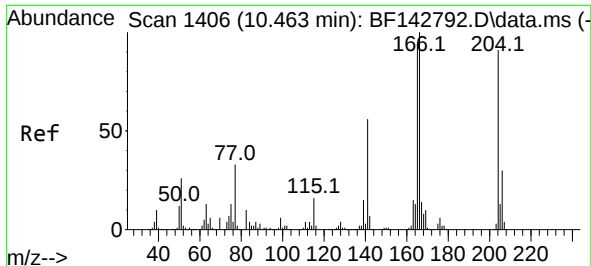


#60
Diethylphthalate
Concen: 46.434 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:149 Resp: 342130

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.3	9.8	14.6

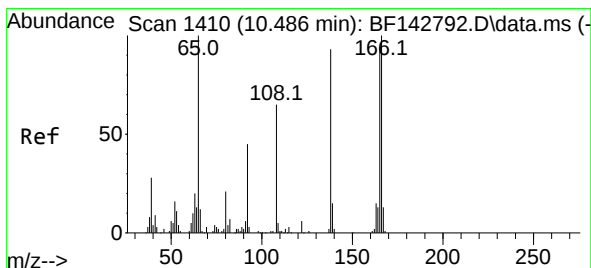
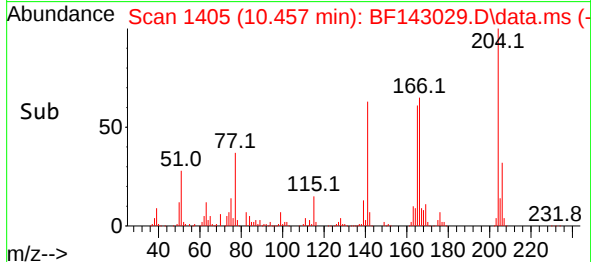
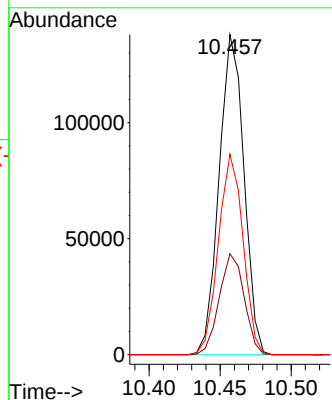
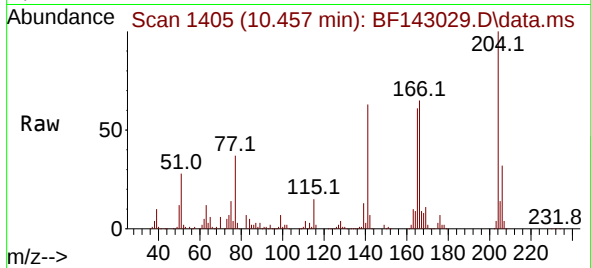




#61
4-Chlorophenyl-phenylether
Concen: 45.387 ng
RT: 10.457 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

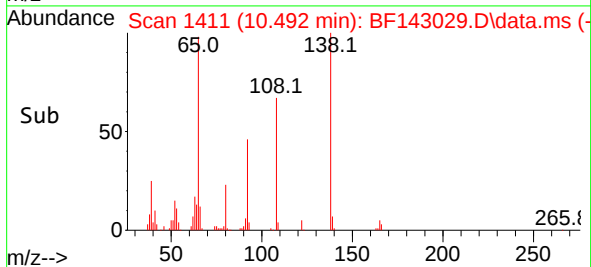
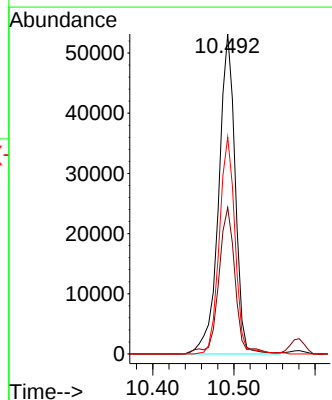
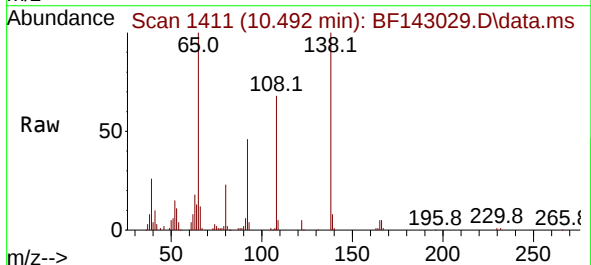
Instrument :
BNA_F
ClientSampleId :
PB168722BS

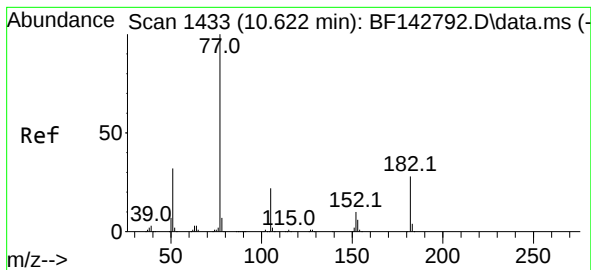
Tgt Ion:204 Resp: 167657
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 62.6 49.1 73.7



#62
4-Nitroaniline
Concen: 45.304 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:138 Resp: 75285
Ion Ratio Lower Upper
138 100
92 45.7 28.4 68.4
108 67.8 50.2 90.2

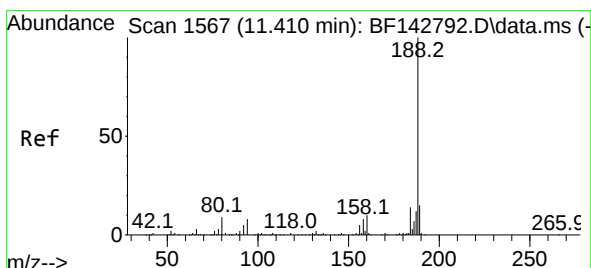
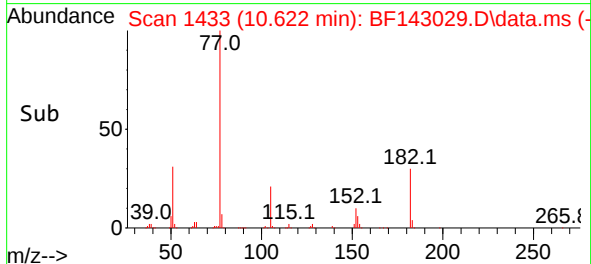
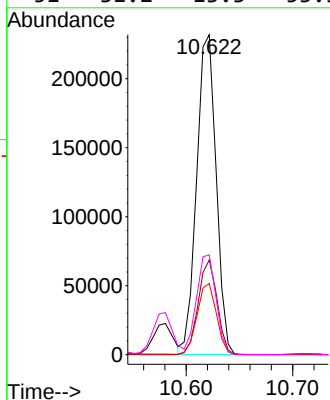
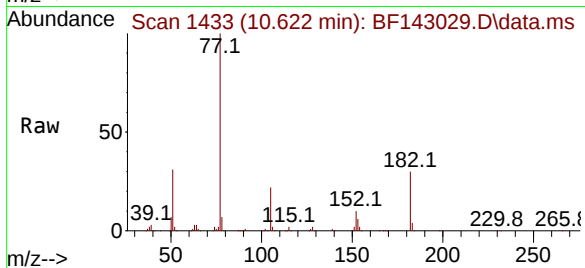




#63
 Azobenzene
 Concen: 44.867 ng
 RT: 10.622 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BF143029.D
 Acq: 08 Jul 2025 12:55

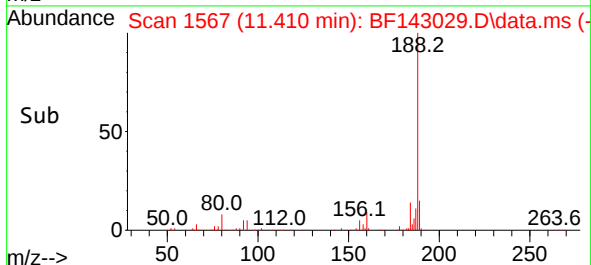
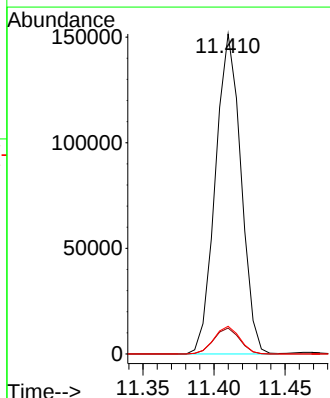
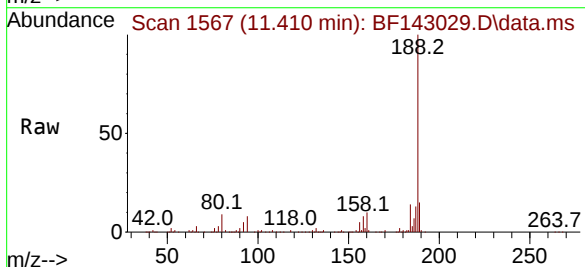
Instrument :
 BNA_F
 ClientSampleId :
 PB168722BS

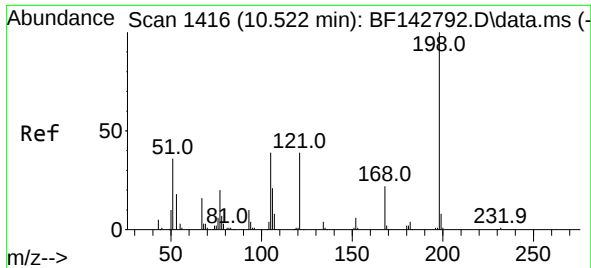
Tgt Ion: 77	Resp: 295464
Ion Ratio	Lower Upper
77 100	
182 29.6	7.7 47.7
105 22.3	1.9 41.9
51 31.2	13.3 53.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.410 min Scan# 1567
 Delta R.T. 0.000 min
 Lab File: BF143029.D
 Acq: 08 Jul 2025 12:55

Tgt Ion:188	Resp: 189569
Ion Ratio	Lower Upper
188 100	
94 8.1	6.7 10.1
80 8.7	6.9 10.3

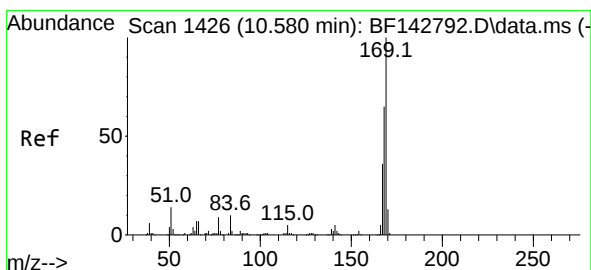
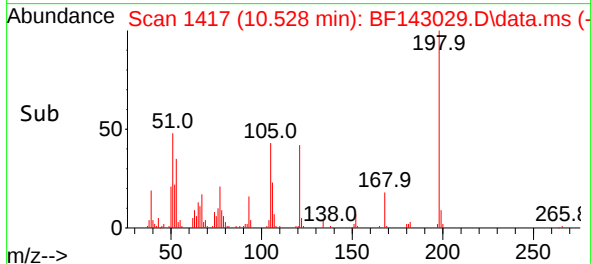
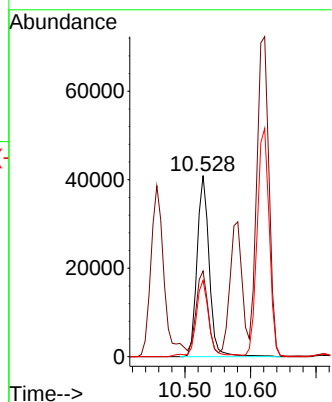
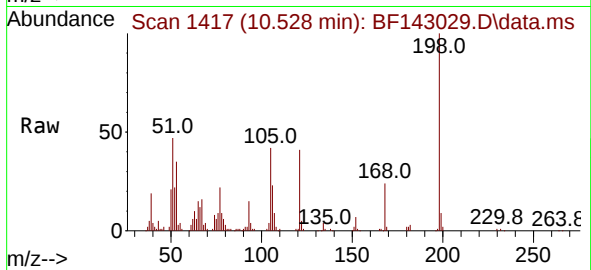




#65
4,6-Dinitro-2-methylphenol
Concen: 45.996 ng
RT: 10.528 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

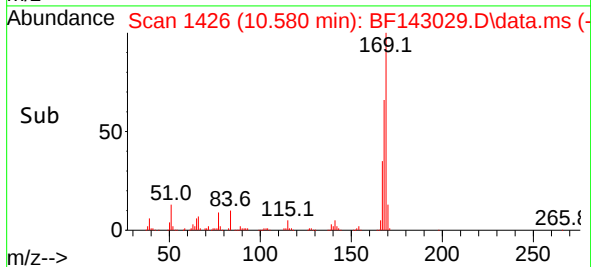
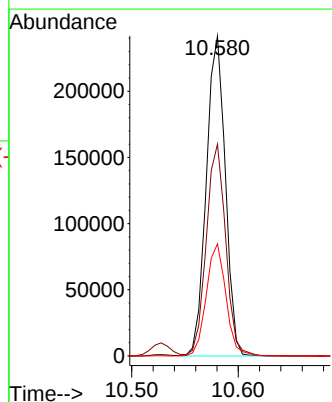
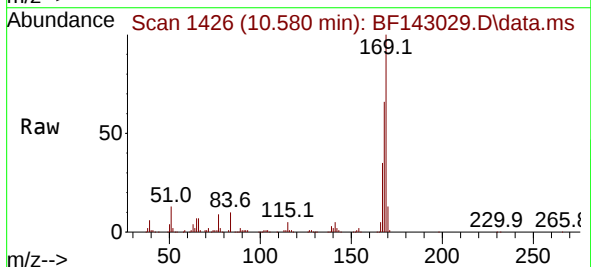
Instrument :
BNA_F
ClientSampleId :
PB168722BS

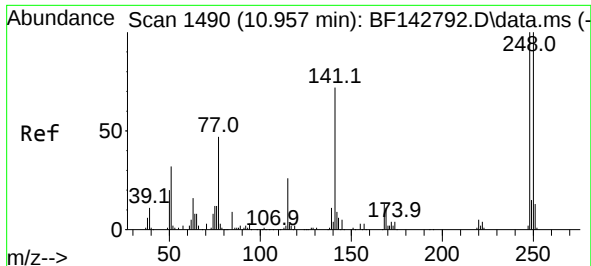
Tgt Ion:198 Resp: 52741
Ion Ratio Lower Upper
198 100
51 47.2 25.4 65.4
105 42.2 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 45.671 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

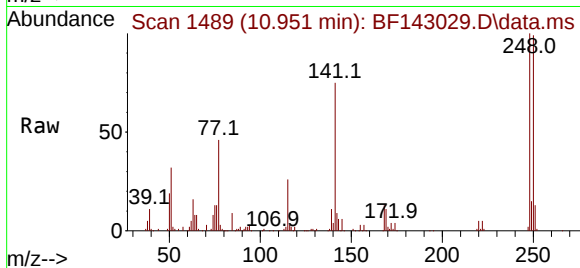
Tgt Ion:169 Resp: 300057
Ion Ratio Lower Upper
169 100
168 66.2 51.9 77.9
167 35.0 28.5 42.7



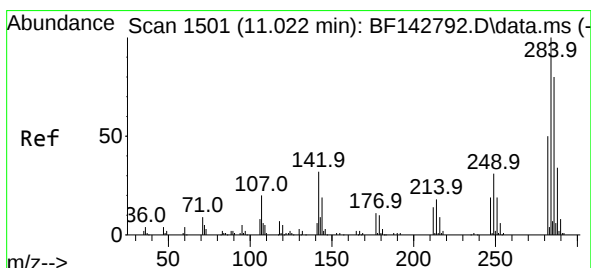
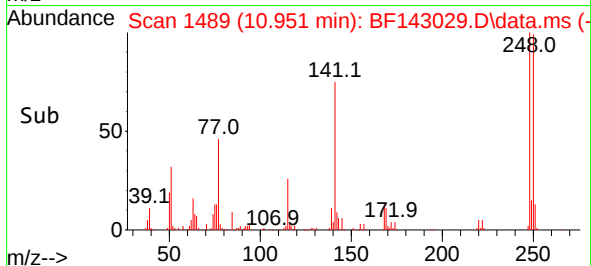
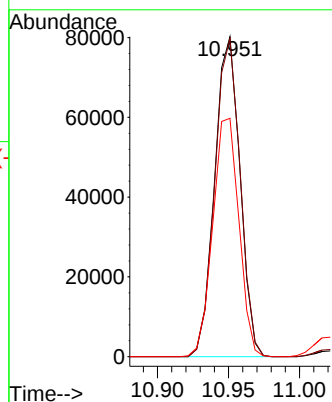


#67
4-Bromophenyl-phenylether
Concen: 46.104 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

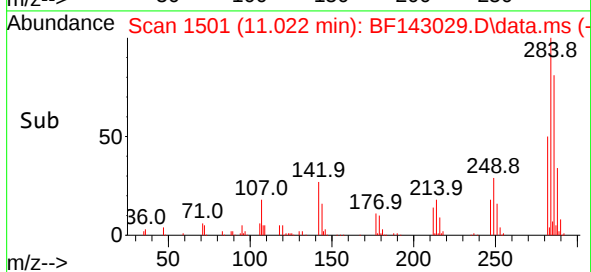
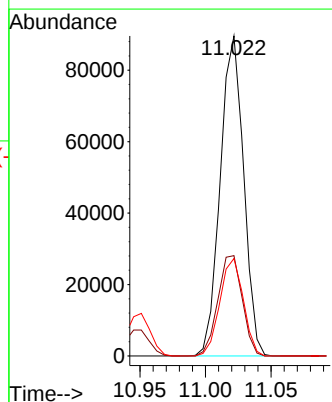
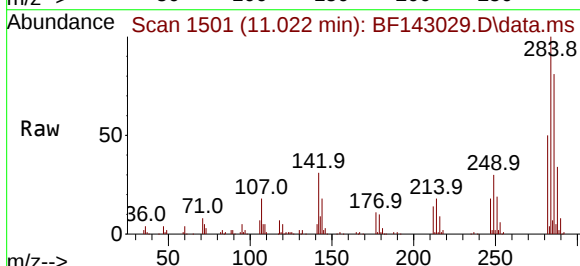


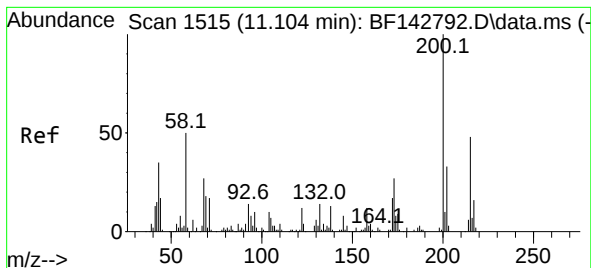
Tgt Ion:248 Resp: 99469
Ion Ratio Lower Upper
248 100
250 99.4 79.8 119.8
141 74.5 57.8 86.6



#68
Hexachlorobenzene
Concen: 46.338 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:284 Resp: 111086
Ion Ratio Lower Upper
284 100
142 31.4 25.5 38.3
249 30.4 24.9 37.3





#69

Atrazine

Concen: 50.683 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

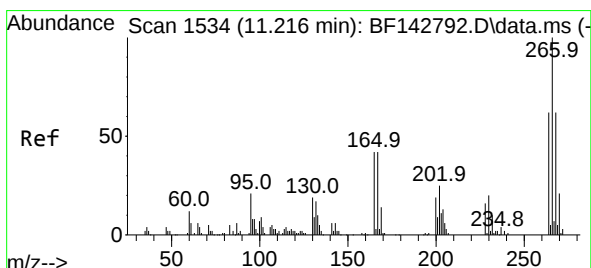
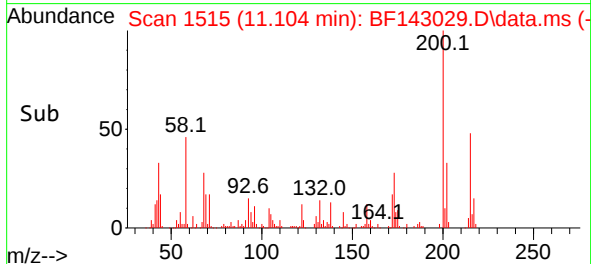
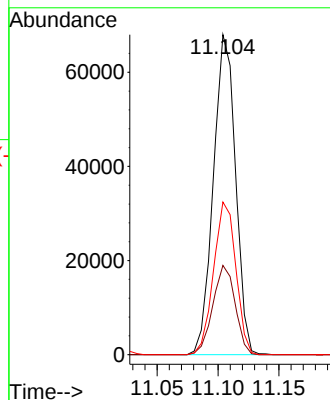
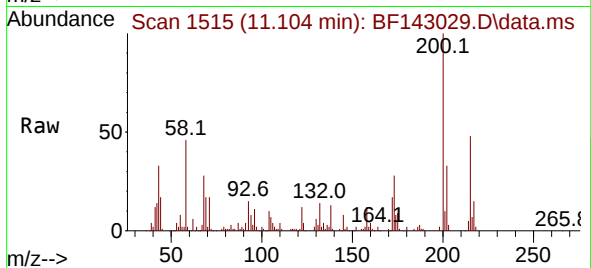
Tgt Ion:200 Resp: 85988

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 47.7 28.4 68.4



#70

Pentachlorophenol

Concen: 77.092 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

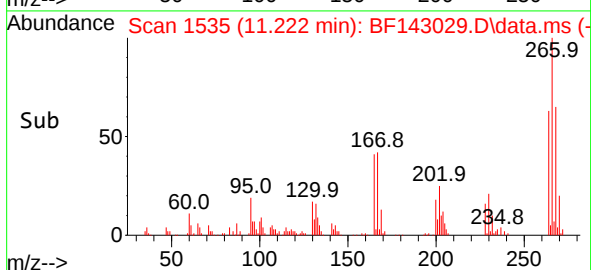
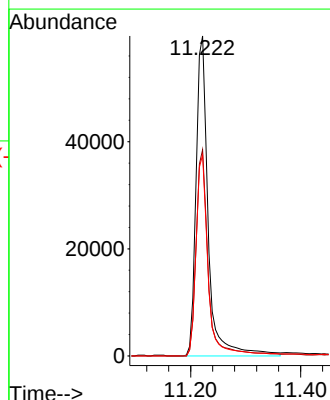
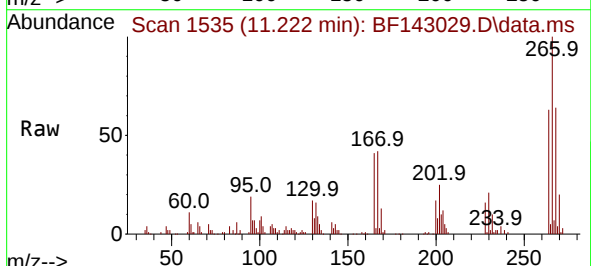
Tgt Ion:266 Resp: 92093

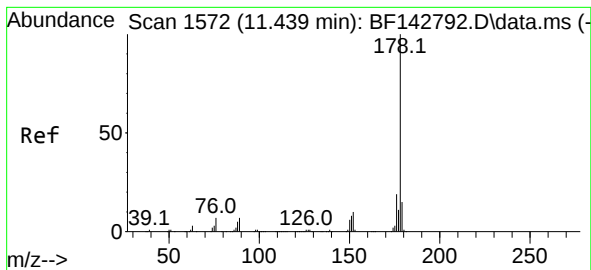
Ion Ratio Lower Upper

266 100

268 64.4 49.8 74.8

264 62.8 49.9 74.9





#71

Phenanthrene

Concen: 45.449 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

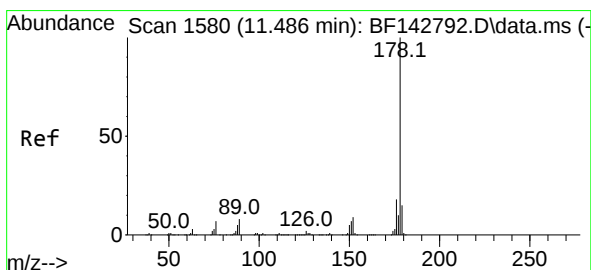
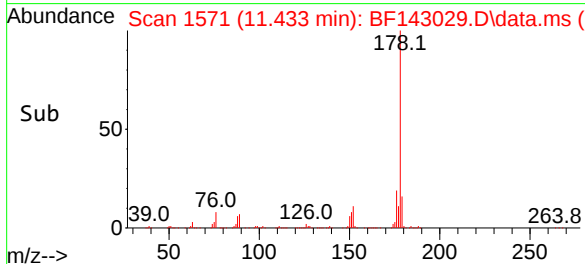
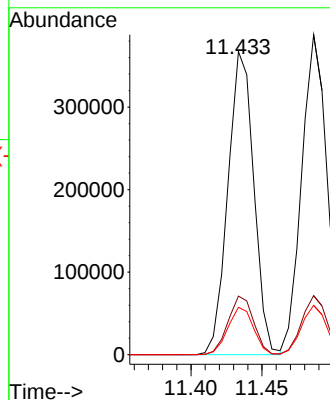
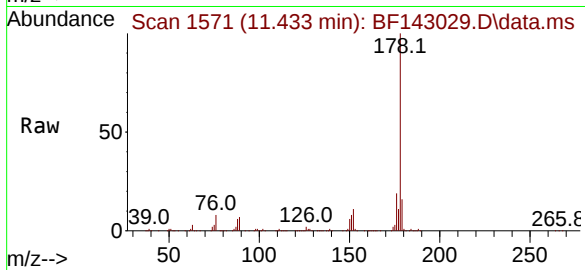
Tgt Ion:178 Resp: 466709

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.6 12.0 18.0



#72

Anthracene

Concen: 45.392 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

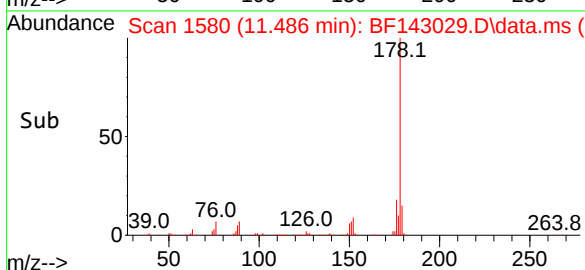
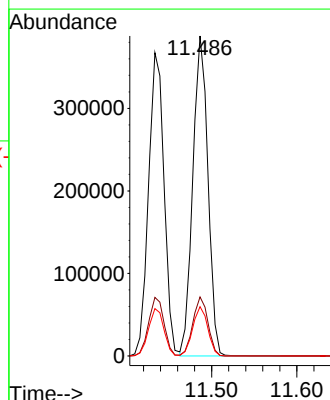
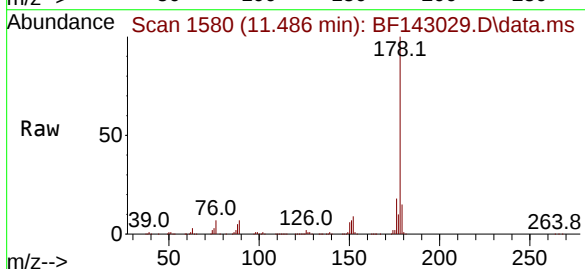
Tgt Ion:178 Resp: 478060

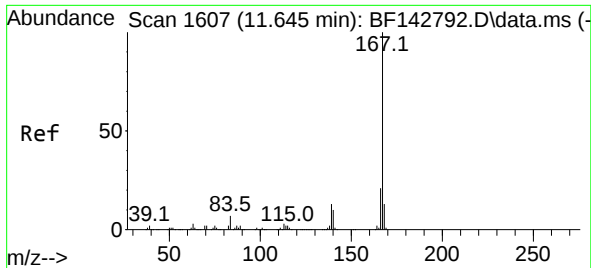
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

179 15.4 12.4 18.6

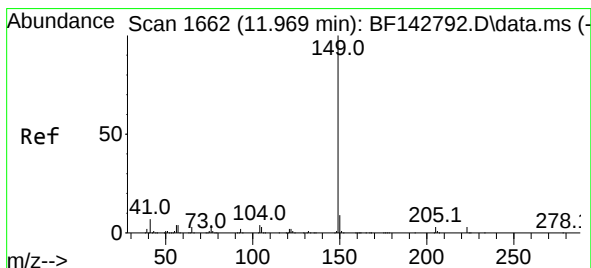
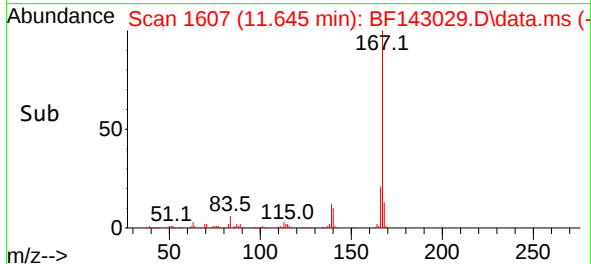
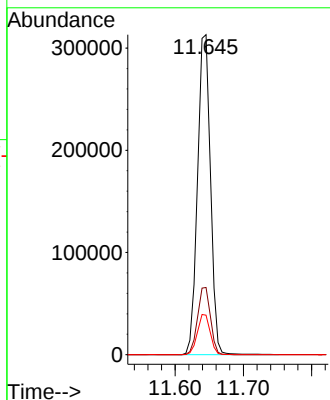
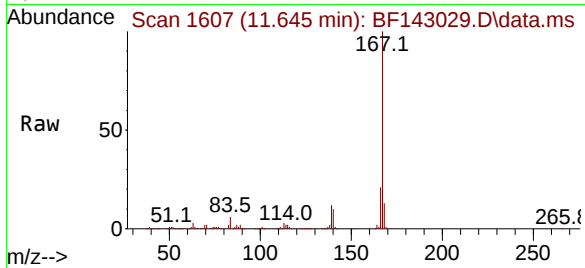




#73
 Carbazole
 Concen: 45.520 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF143029.D
 Acq: 08 Jul 2025 12:55

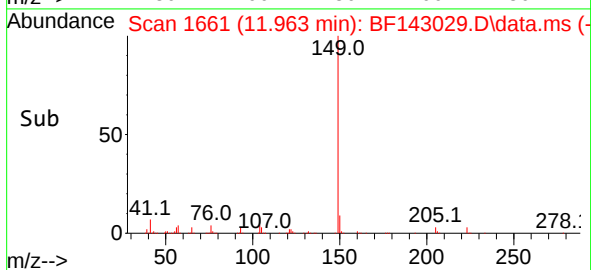
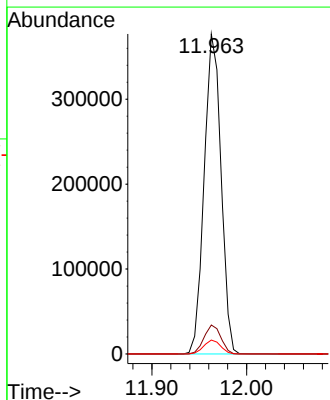
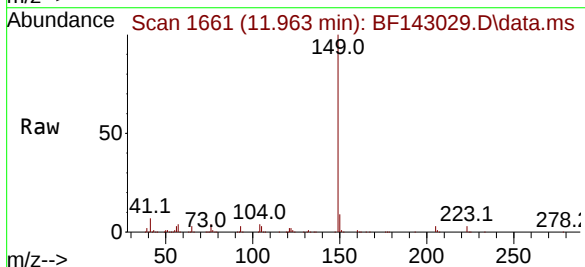
Instrument :
 BNA_F
 ClientSampleId :
 PB168722BS

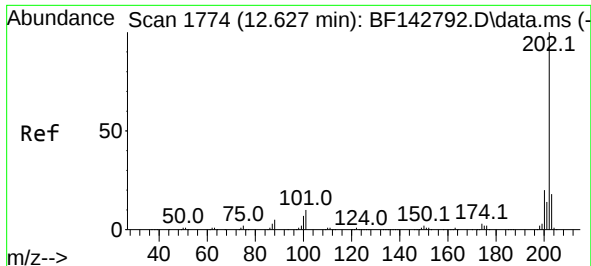
Tgt Ion:167 Resp: 413709
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 49.065 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF143029.D
 Acq: 08 Jul 2025 12:55

Tgt Ion:149 Resp: 464540
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.4 3.5 5.3

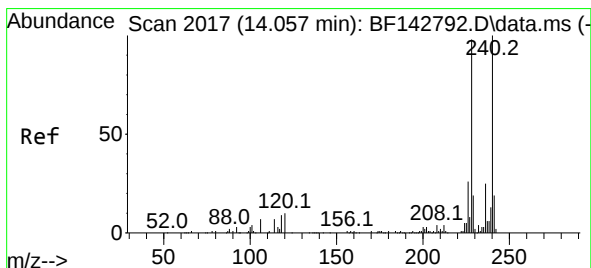
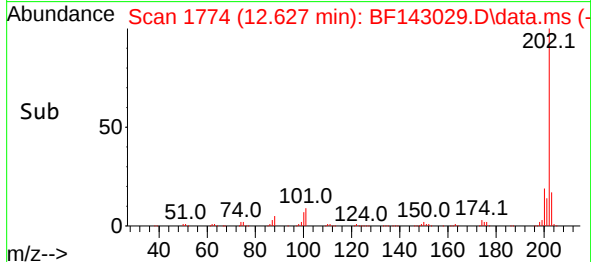
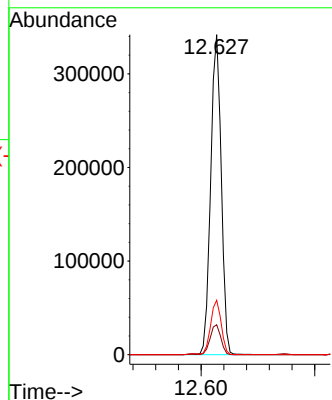
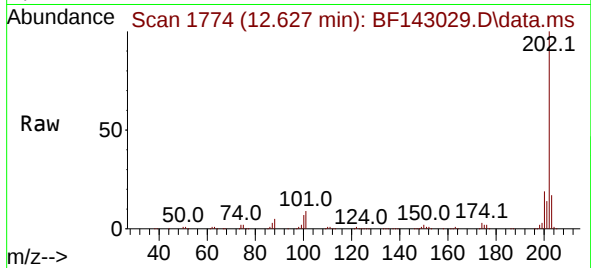




#75
Fluoranthene
Concen: 44.995 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

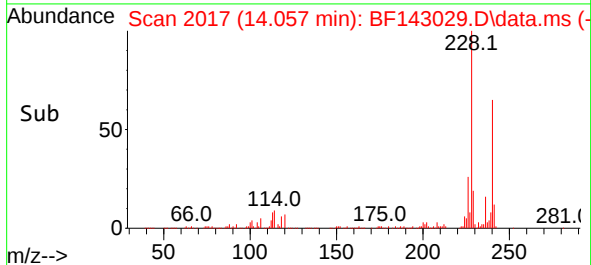
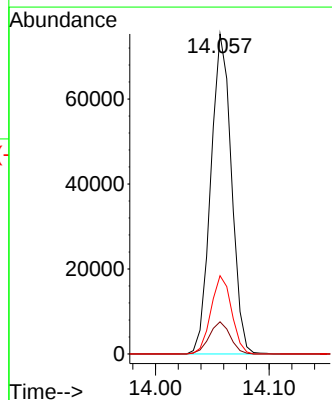
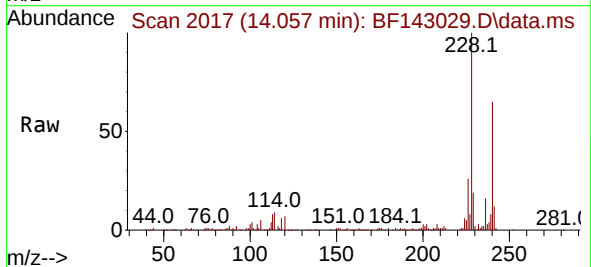
Instrument :
BNA_F
ClientSampleId :
PB168722BS

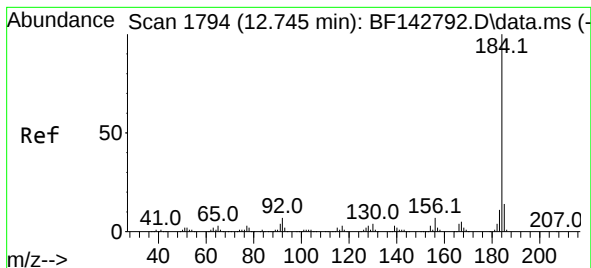
Tgt Ion:202 Resp: 438508
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.0 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:240 Resp: 94842
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.5 19.8 29.8





#77

Benzidine

Concen: 48.465 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

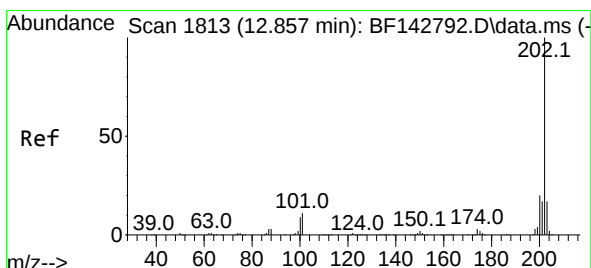
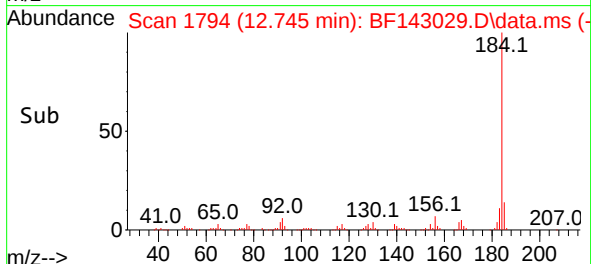
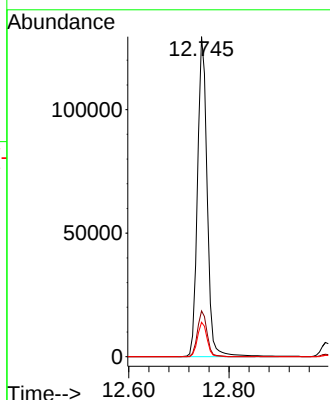
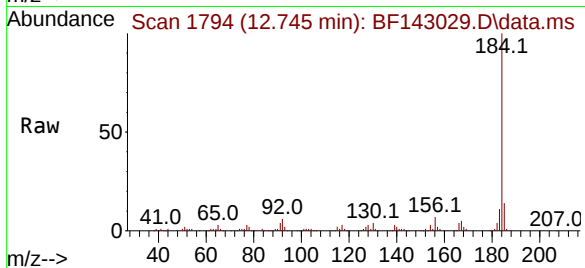
Tgt Ion:184 Resp: 172695

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 10.8 9.0 13.4



#78

Pyrene

Concen: 47.471 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

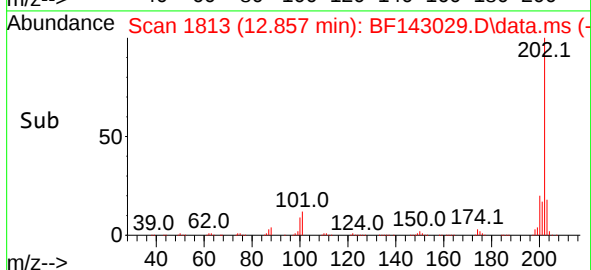
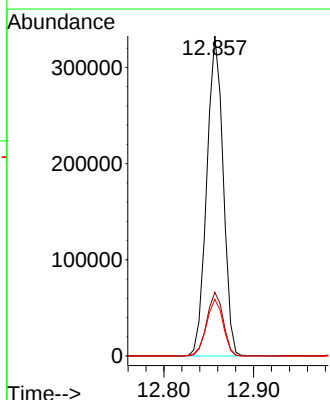
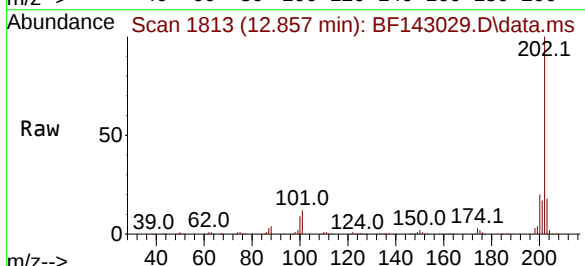
Tgt Ion:202 Resp: 422014

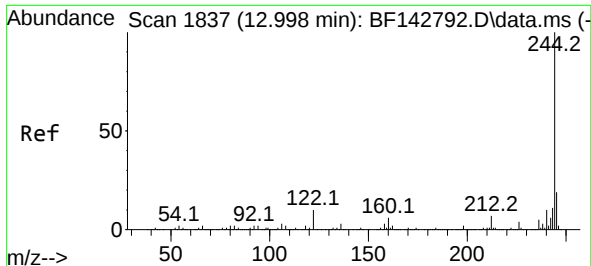
Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

203 17.7 13.8 20.6

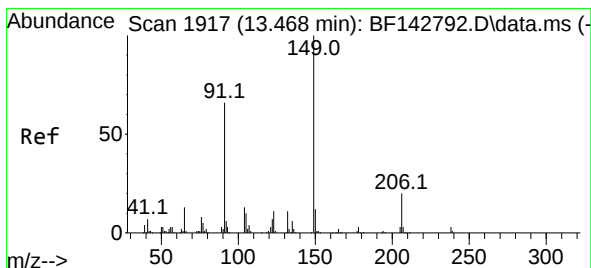
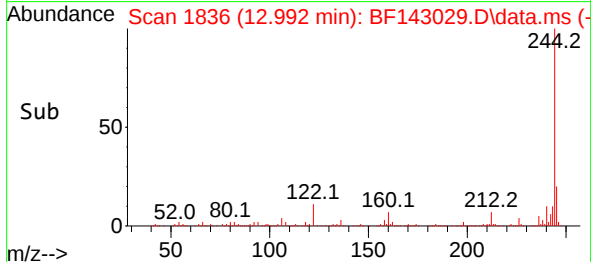
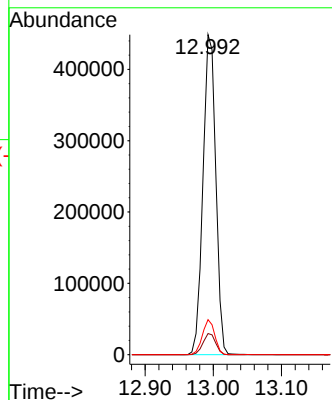
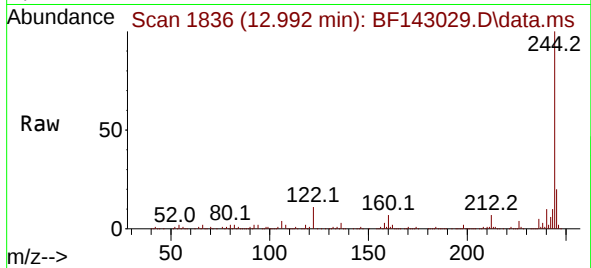




#79
 Terphenyl-d14
 Concen: 85.383 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143029.D
 Acq: 08 Jul 2025 12:55

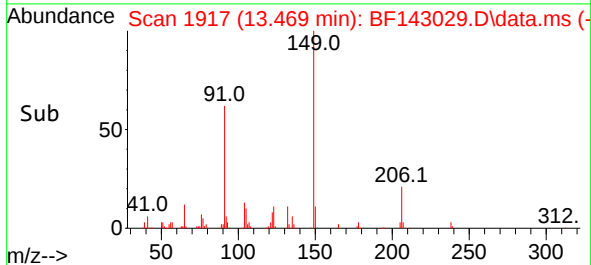
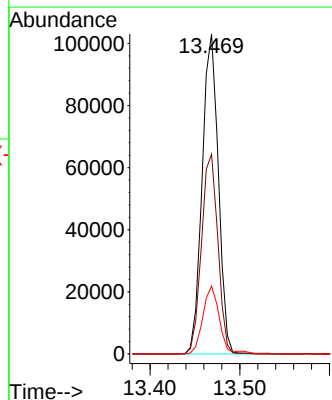
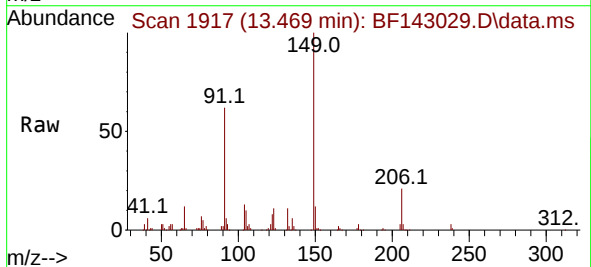
Instrument :
 BNA_F
 ClientSampleId :
 PB168722BS

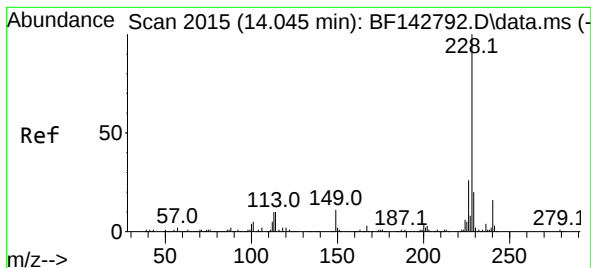
Tgt Ion:244 Resp: 586078
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 49.995 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF143029.D
 Acq: 08 Jul 2025 12:55

Tgt Ion:149 Resp: 128923
 Ion Ratio Lower Upper
 149 100
 91 62.4 52.9 79.3
 206 21.2 16.3 24.5





#81

Benzo(a)anthracene

Concen: 46.999 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

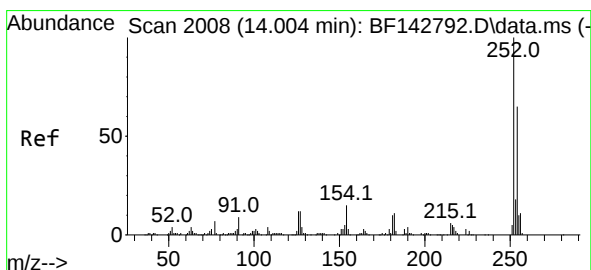
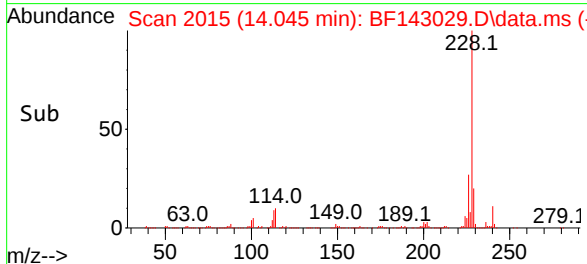
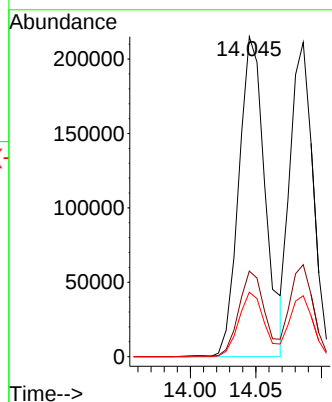
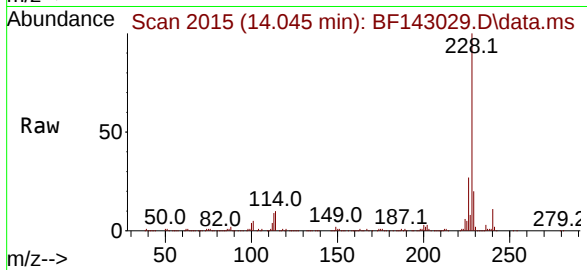
Tgt Ion:228 Resp: 300705

Ion Ratio Lower Upper

228 100

226 26.8 21.2 31.8

229 20.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 27.286 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

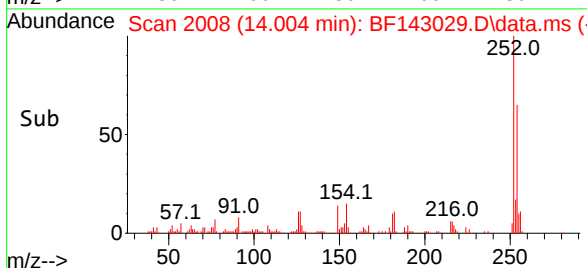
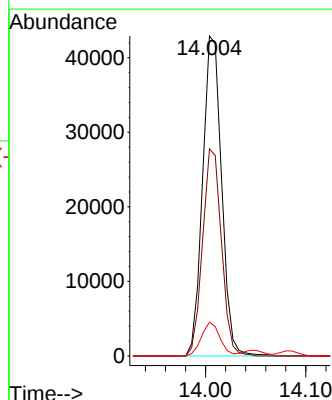
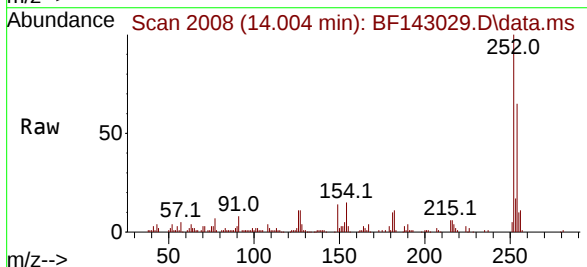
Tgt Ion:252 Resp: 56626

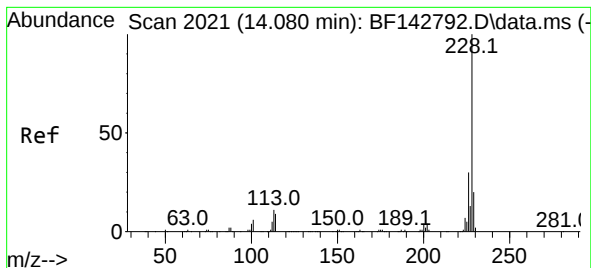
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 10.6 9.4 14.2





#83

Chrysene

Concen: 44.494 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

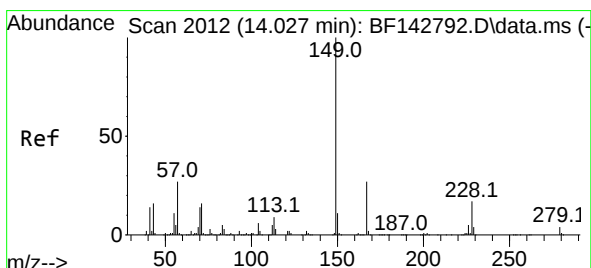
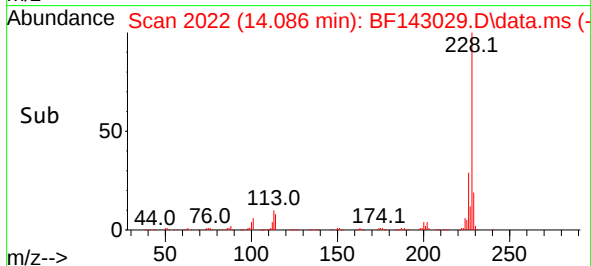
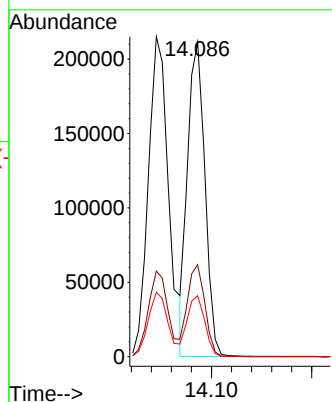
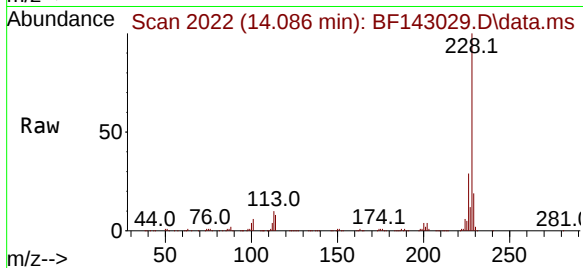
Tgt Ion:228 Resp: 254024

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.467 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

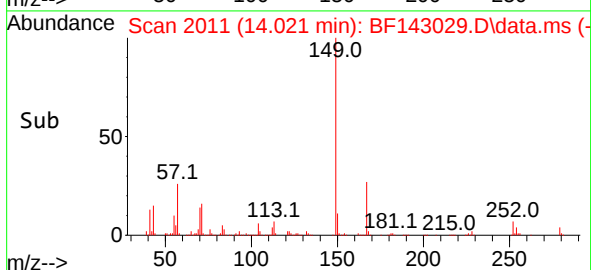
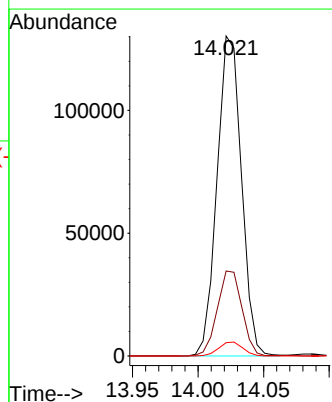
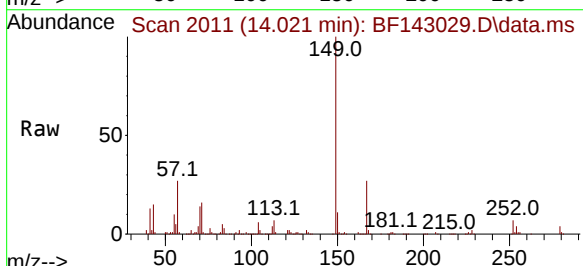
Tgt Ion:149 Resp: 168694

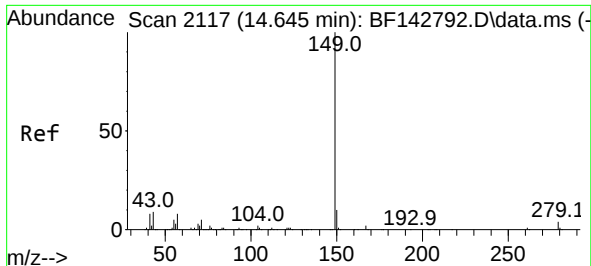
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.1 3.0 4.6

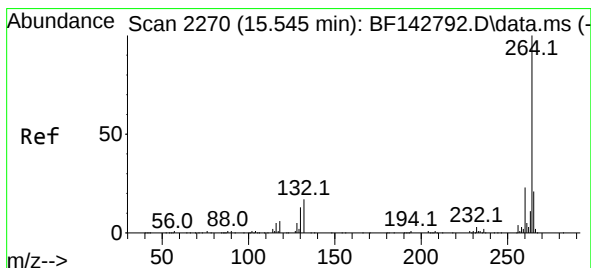
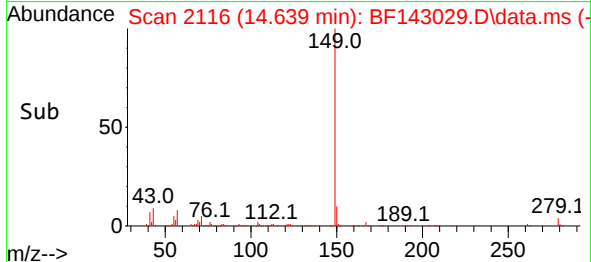
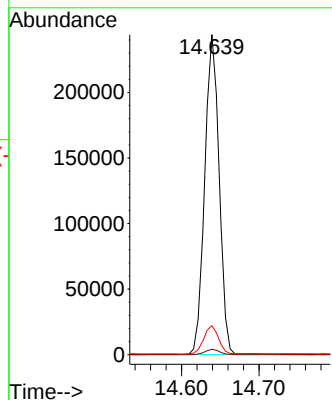
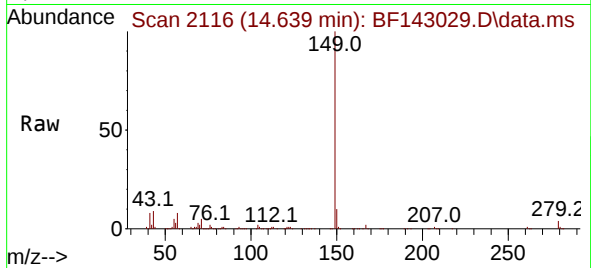




#85
Di-n-octyl phthalate
Concen: 44.884 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

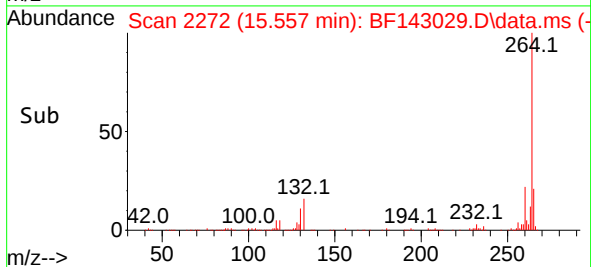
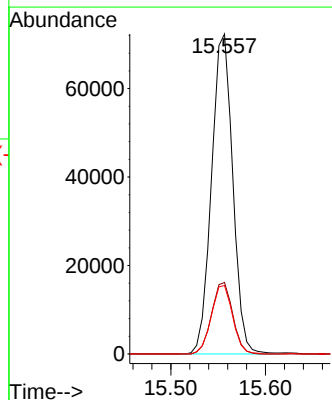
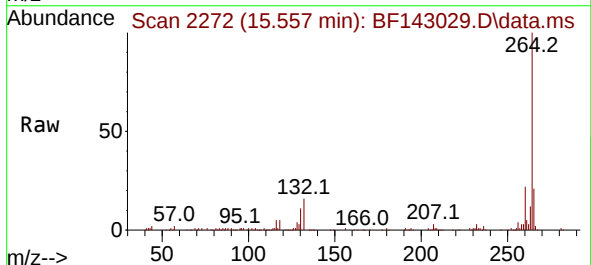
Instrument :
BNA_F
ClientSampleId :
PB168722BS

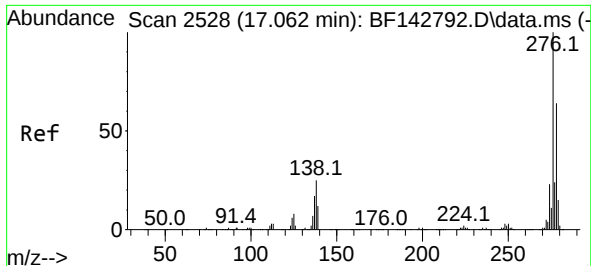
Tgt Ion:149 Resp: 314016
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.0 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:264 Resp: 112590
Ion Ratio Lower Upper
264 100
260 22.4 18.1 27.1
265 21.4 16.6 25.0

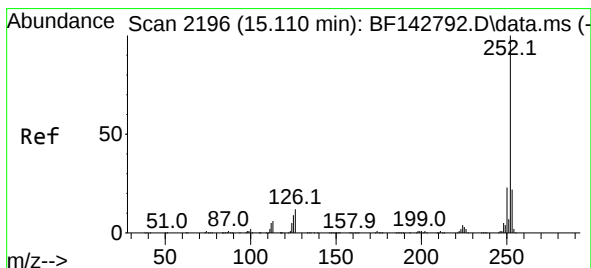
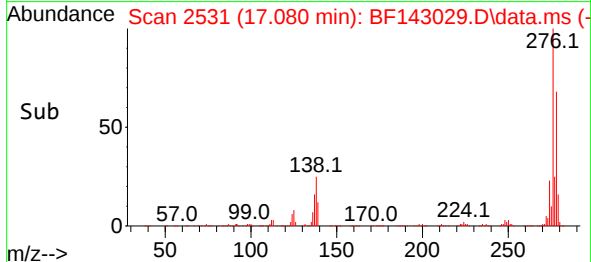
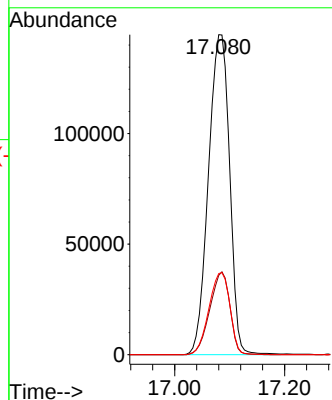
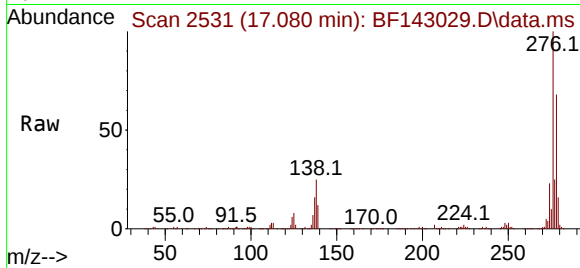




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.064 ng
 RT: 17.080 min Scan# 2197
 Delta R.T. 0.018 min
 Lab File: BF143029.D
 Acq: 08 Jul 2025 12:55

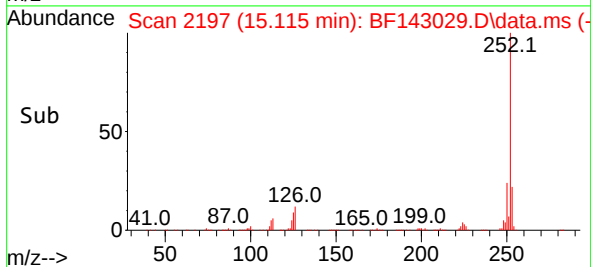
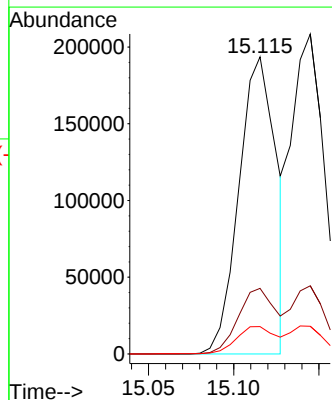
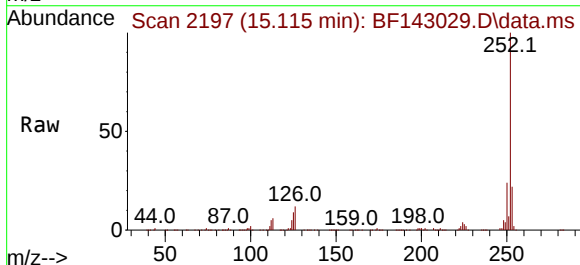
Instrument :
 BNA_F
 ClientSampleId :
 PB168722BS

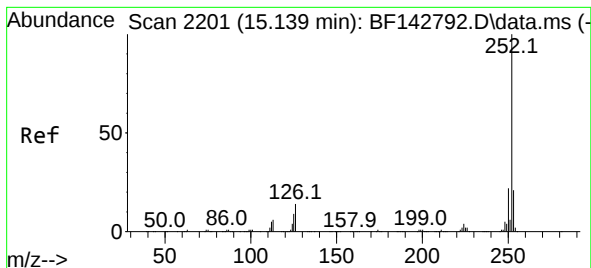
Tgt Ion:276 Resp: 386464
 Ion Ratio Lower Upper
 276 100
 138 24.6 20.2 30.4
 277 25.5 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 45.067 ng
 RT: 15.115 min Scan# 2197
 Delta R.T. 0.006 min
 Lab File: BF143029.D
 Acq: 08 Jul 2025 12:55

Tgt Ion:252 Resp: 293611
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 46.306 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

Instrument :

BNA_F

ClientSampleId :

PB168722BS

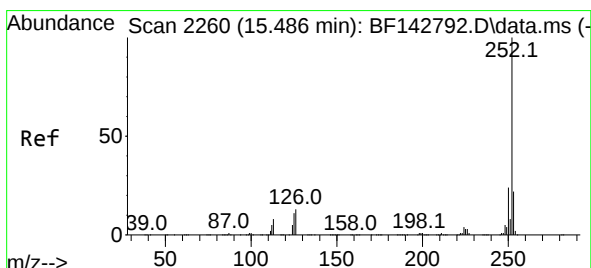
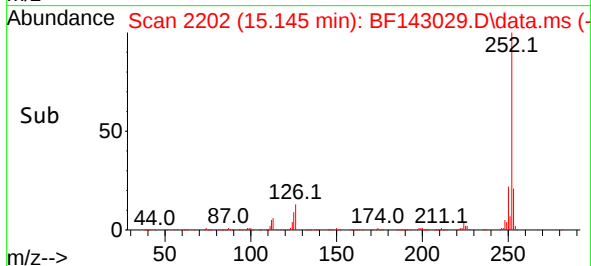
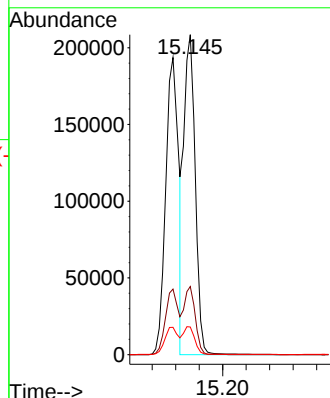
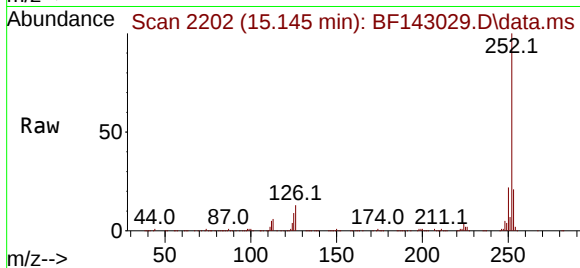
Tgt Ion:252 Resp: 282248

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 8.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.625 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF143029.D

Acq: 08 Jul 2025 12:55

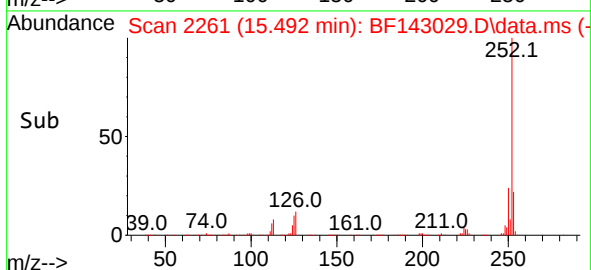
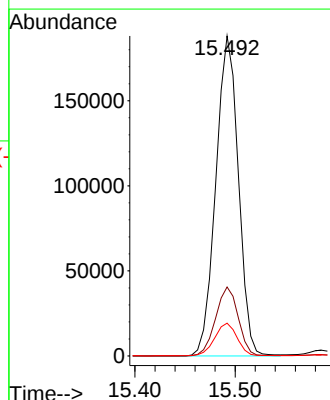
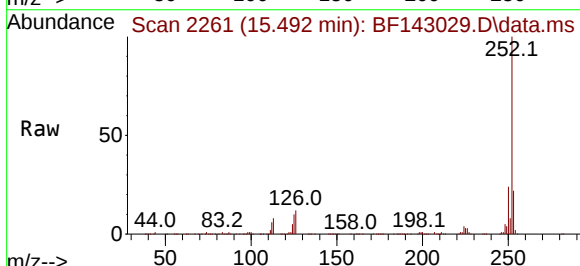
Tgt Ion:252 Resp: 293451

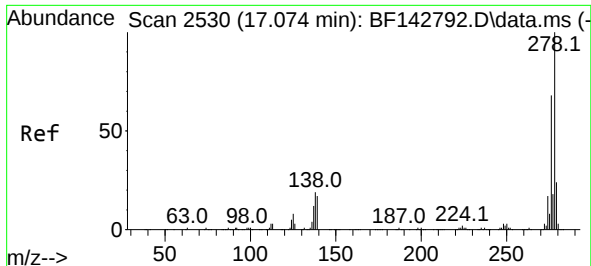
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.2 8.6 12.8

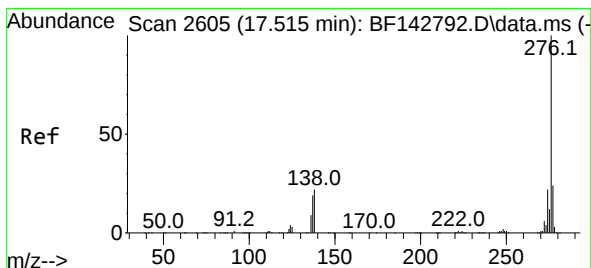
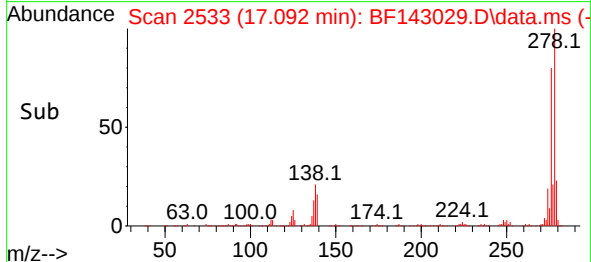
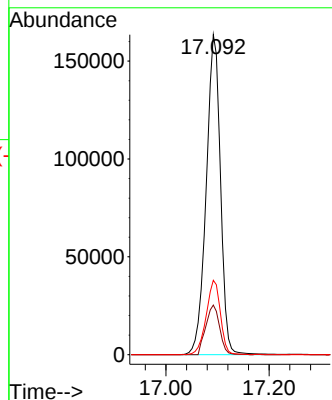
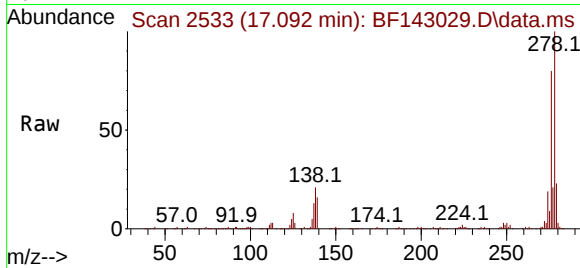




#91
Dibenzo(a,h)anthracene
Concen: 44.975 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB168722BS

Tgt Ion:278 Resp: 313388
Ion Ratio Lower Upper
278 100
139 15.5 13.5 20.3
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.377 ng
RT: 17.539 min Scan# 2609
Delta R.T. 0.024 min
Lab File: BF143029.D
Acq: 08 Jul 2025 12:55

Tgt Ion:276 Resp: 315292
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.1 17.6 26.4

