

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144323.D
 Acq On : 24 Nov 2025 14:40
 Operator : RC/JU
 Sample : PB170706BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170706BS

Quant Time: Nov 25 00:22:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	68422	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	275503	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	160278	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	277232	20.000	ng	0.00
76) Chrysene-d12	14.045	240	155486	20.000	ng	0.00
86) Perylene-d12	15.521	264	170453	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	484009	110.697	ng	0.00
7) Phenol-d6	6.499	99	566000	114.246	ng	0.00
23) Nitrobenzene-d5	7.428	82	367215	76.981	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	241615	120.129	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	805014	74.181	ng	0.00
79) Terphenyl-d14	12.980	244	862419	88.103	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	67464	37.321	ng	99
3) Pyridine	3.463	79	173882	34.479	ng	97
4) n-Nitrosodimethylamine	3.405	42	110253	41.853	ng	89
6) Aniline	6.528	93	222291	31.492	ng	# 84
8) 2-Chlorophenol	6.651	128	187275	43.675	ng	98
9) Benzaldehyde	6.416	77	66662	23.829	ng	98
10) Phenol	6.516	94	248839	41.110	ng	85
11) bis(2-Chloroethyl)ether	6.599	93	195982	44.434	ng	99
12) 1,3-Dichlorobenzene	6.804	146	221124	41.791	ng	97
13) 1,4-Dichlorobenzene	6.881	146	221346	41.756	ng	98
14) 1,2-Dichlorobenzene	7.034	146	210964	41.521	ng	99
15) Benzyl Alcohol	7.010	79	176359	44.956	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	363852	44.797	ng	89
17) 2-Methylphenol	7.122	107	152473	44.698	ng	98
18) Hexachloroethane	7.375	117	71014	40.323	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	138601	42.497	ng	95
20) 3+4-Methylphenols	7.275	107	172357	42.862	ng	94
22) Acetophenone	7.275	105	261028	44.166	ng	98
24) Nitrobenzene	7.446	77	211013	40.741	ng	97
25) Isophorone	7.687	82	395797	43.866	ng	99
26) 2-Nitrophenol	7.763	139	112753	43.978	ng	97
27) 2,4-Dimethylphenol	7.798	122	180457	46.960	ng	99
28) bis(2-Chloroethoxy)met...	7.893	93	248793	44.156	ng	99
29) 2,4-Dichlorophenol	8.010	162	183730	41.483	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	187151	41.150	ng	98
31) Naphthalene	8.169	128	536506	40.938	ng	99
32) Benzoic acid	7.945	122	157812	56.025	ng	96
33) 4-Chloroaniline	8.216	127	131654	27.544	ng	99
34) Hexachlorobutadiene	8.281	225	130874	38.182	ng	100
35) Caprolactam	8.592	113	34121	28.119	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	177585	44.739	ng	99
37) 2-Methylnaphthalene	8.857	142	337166	38.480	ng	100
38) 1-Methylnaphthalene	8.957	142	337219	39.886	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	222108	42.284	ng	99
41) Hexachlorocyclopentadiene	9.010	237	147276	74.014	ng	98
43) 2,4,6-Trichlorophenol	9.140	196	147151	41.159	ng	99

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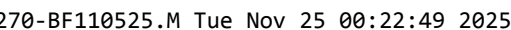
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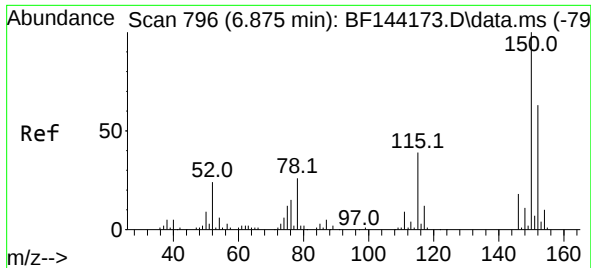
Quant Time: Nov 25 00:22:37 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	160642	41.690	ng	99
46) 1,1'-Biphenyl	9.328	154	497132	44.435	ng	99
47) 2-Chloronaphthalene	9.351	162	387771	40.632	ng	98
48) 2-Nitroaniline	9.451	65	123229	44.752	ng	95
49) Acenaphthylene	9.769	152	601260	46.233	ng	100
50) Dimethylphthalate	9.628	163	481064	45.306	ng	99
51) 2,6-Dinitrotoluene	9.692	165	100840	46.914	ng	98
52) Acenaphthene	9.939	154	330809	38.039	ng	99
53) 3-Nitroaniline	9.863	138	85391	36.342	ng	96
54) 2,4-Dinitrophenol	9.975	184	129343	99.652	ng	97
55) Dibenzofuran	10.110	168	488688	40.122	ng	99
56) 4-Nitrophenol	10.034	139	141979	83.533	ng	99
57) 2,4-Dinitrotoluene	10.098	165	132970	46.211	ng	94
58) Fluorene	10.457	166	394214	42.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	126365	46.352	ng #	98
60) Diethylphthalate	10.328	149	444471	45.409	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	219278	41.569	ng	99
62) 4-Nitroaniline	10.481	138	99448	44.443	ng	93
63) Azobenzene	10.604	77	424276	46.574	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	86942	46.164	ng	99
66) n-Nitrosodiphenylamine	10.569	169	398321	44.672	ng	100
67) 4-Bromophenyl-phenylether	10.934	248	146997	41.541	ng	96
68) Hexachlorobenzene	11.004	284	180248	43.246	ng	96
69) Atrazine	11.092	200	133379	47.036	ng	98
70) Pentachlorophenol	11.204	266	190028	91.557	ng	100
71) Phenanthrene	11.422	178	586979	42.526	ng	100
72) Anthracene	11.475	178	596334	42.488	ng	99
73) Carbazole	11.628	167	510489	42.774	ng	99
74) Di-n-butylphthalate	11.951	149	688000	47.686	ng	99
75) Fluoranthene	12.610	202	589480	41.342	ng	99
77) Benzidine	12.733	184	71483	15.543	ng	98
78) Pyrene	12.845	202	579970	46.262	ng	99
80) Butylbenzylphthalate	13.457	149	217666	50.095	ng	98
81) Benzo(a)anthracene	14.033	228	474957	44.074	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	131409	35.575	ng	97
83) Chrysene	14.069	228	439666	44.196	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	290458	48.832	ng	99
85) Di-n-octyl phthalate	14.627	149	491700	47.912	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	506751	41.415	ng	97
88) Benzo(b)fluoranthene	15.092	252	490130	50.578	ng	100
89) Benzo(k)fluoranthene	15.121	252	468920	51.698	ng	99
90) Benzo(a)pyrene	15.463	252	455062	50.902	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	429048	43.662	ng	99
92) Benzo(g,h,i)perylene	17.480	276	402757	41.504	ng	98

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

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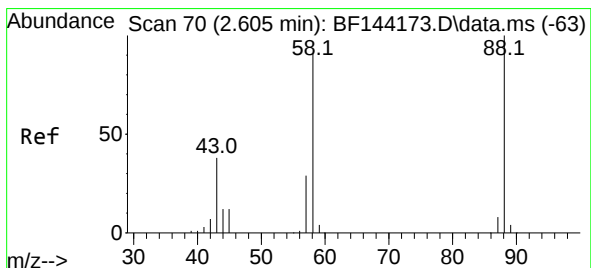
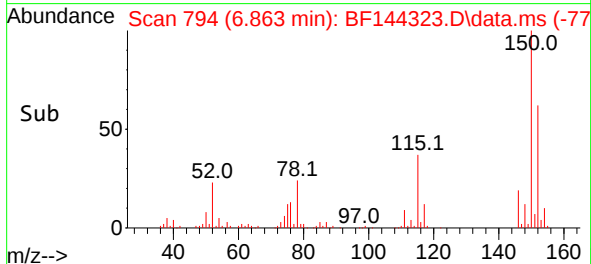
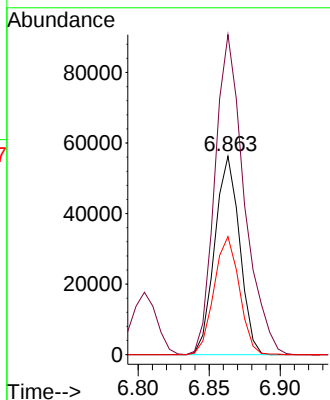
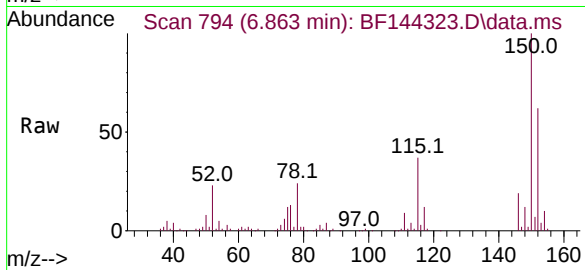




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

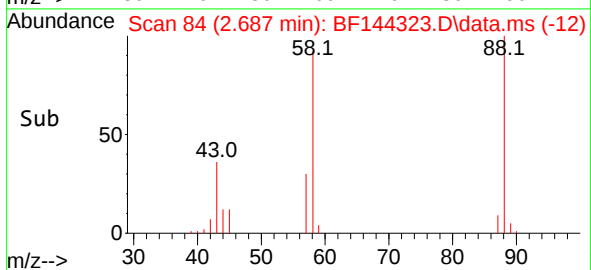
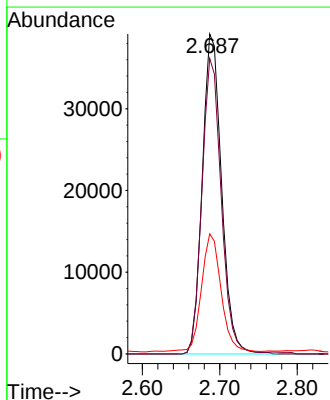
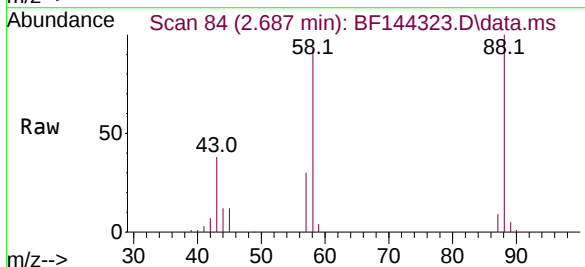
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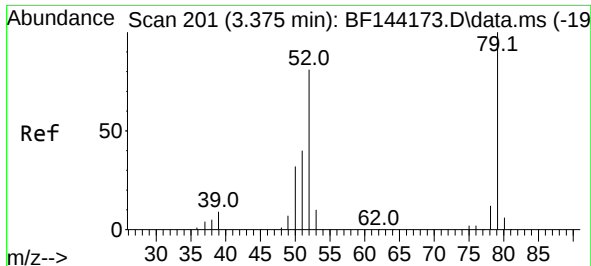
Tgt Ion:152 Resp: 68422
Ion Ratio Lower Upper
152 100
150 161.4 127.4 191.0
115 59.5 49.5 74.3



#2
1,4-Dioxane
Concen: 37.321 ng
RT: 2.687 min Scan# 84
Delta R.T. 0.071 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 88 Resp: 67464
Ion Ratio Lower Upper
88 100
58 92.4 73.1 109.7
43 37.7 31.0 46.6

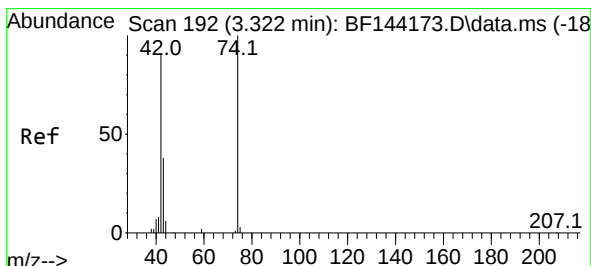
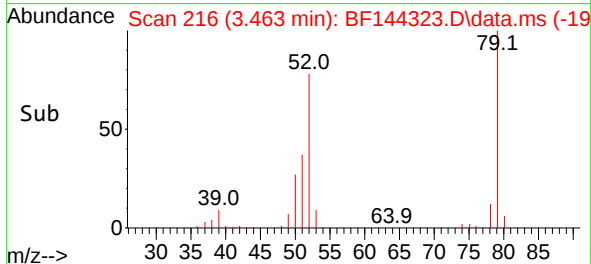
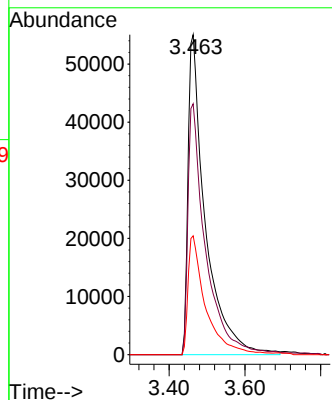
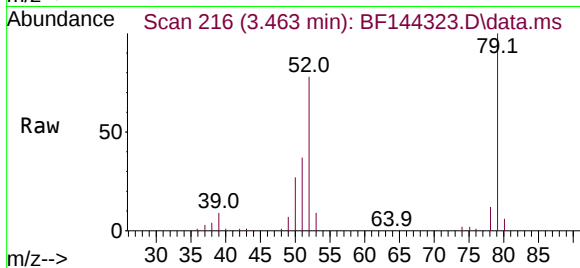




#3
Pyridine
Concen: 34.479 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

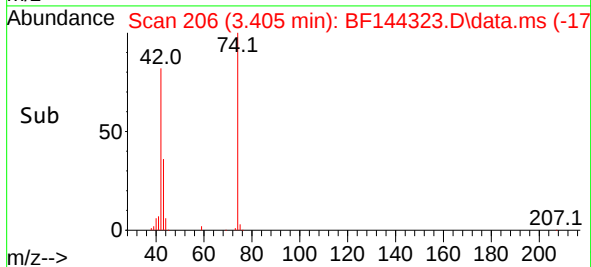
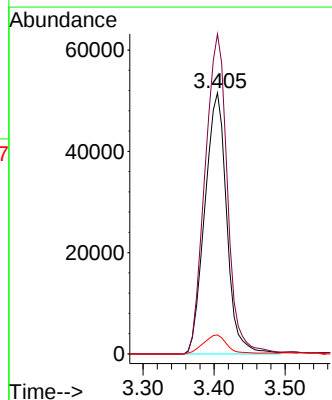
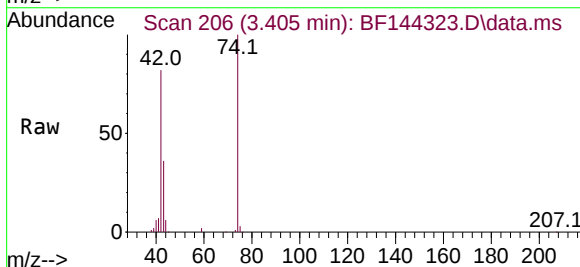
Instrument :
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ClientSampleId :
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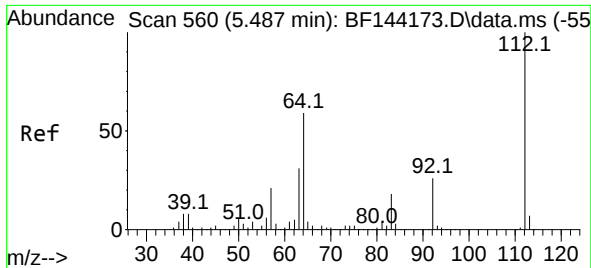
Tgt Ion: 79 Resp: 173882
Ion Ratio Lower Upper
79 100
52 78.4 64.5 96.7
51 37.1 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 41.853 ng
RT: 3.405 min Scan# 206
Delta R.T. 0.059 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 42 Resp: 110253
Ion Ratio Lower Upper
42 100
74 122.6 88.2 132.4
44 7.3 5.7 8.5

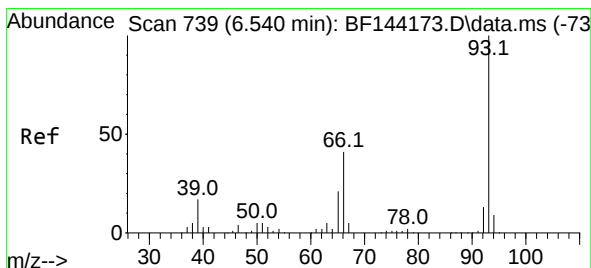
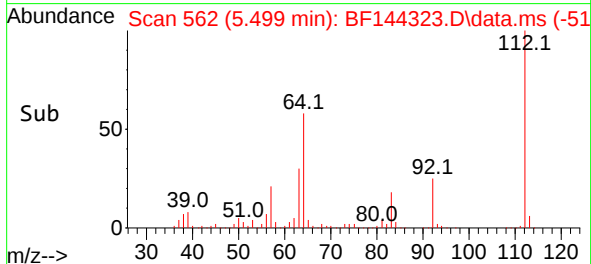
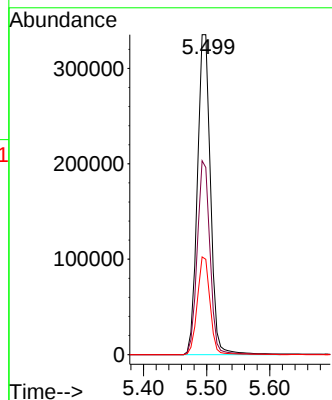
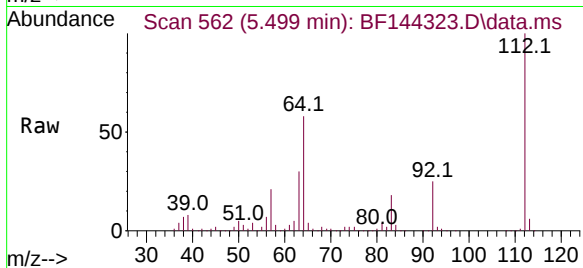




#5
2-Fluorophenol
Concen: 110.697 ng
RT: 5.499 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

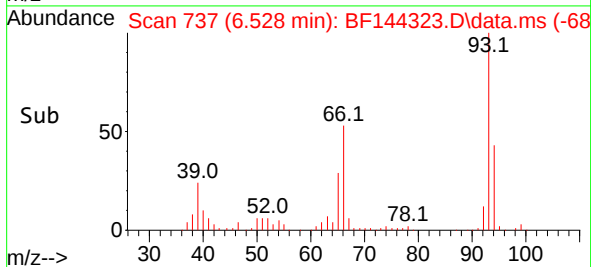
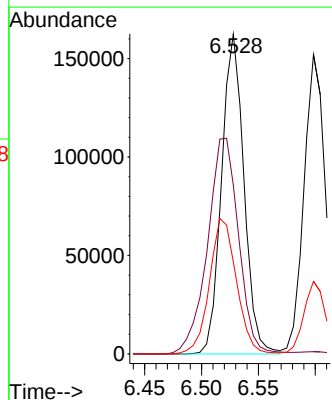
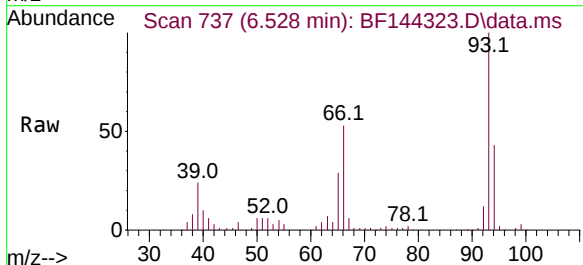
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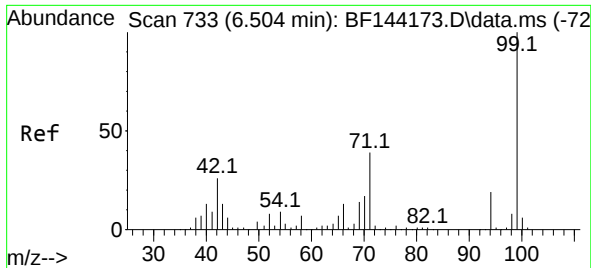
Tgt Ion:112 Resp: 484009
Ion Ratio Lower Upper
112 100
64 58.5 47.2 70.8
63 29.8 24.4 36.6



#6
Aniline
Concen: 31.492 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 93 Resp: 222291
Ion Ratio Lower Upper
93 100
66 52.8 34.3 51.5#
65 28.7 16.9 25.3#

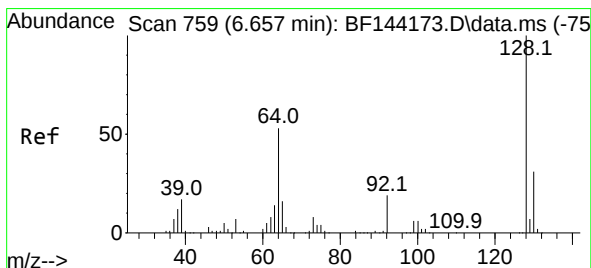
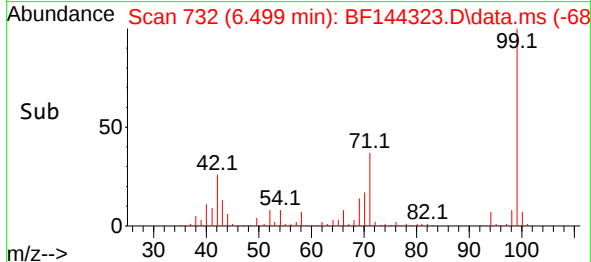
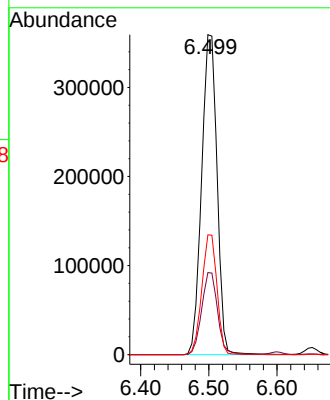
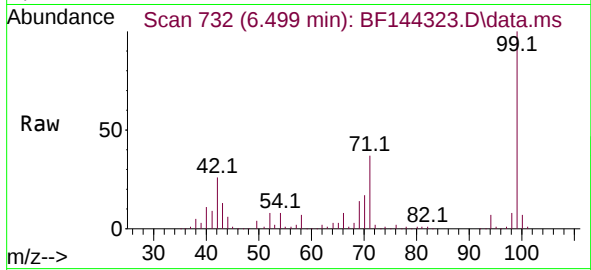




#7
Phenol-d6
Concen: 114.246 ng
RT: 6.499 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

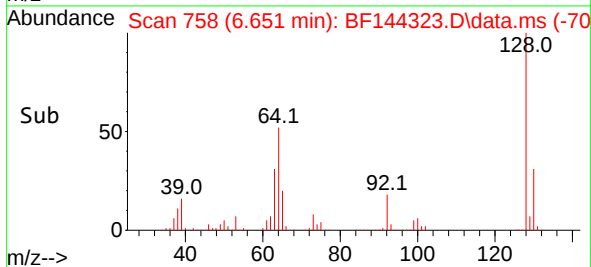
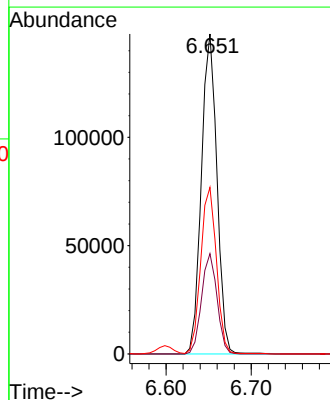
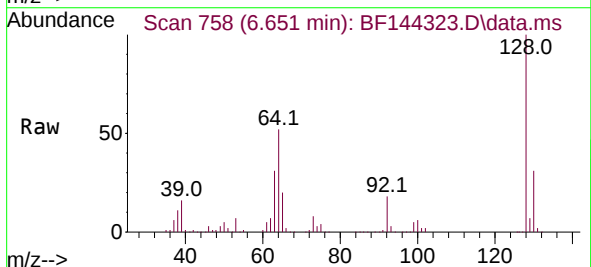
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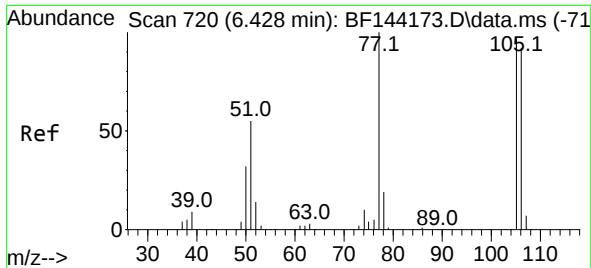
Tgt Ion: 99 Resp: 566000
Ion Ratio Lower Upper
99 100
42 25.6 20.9 31.3
71 37.4 31.4 47.2



#8
2-Chlorophenol
Concen: 43.675 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:128 Resp: 187275
Ion Ratio Lower Upper
128 100
130 31.3 10.5 50.5
64 52.0 33.2 73.2

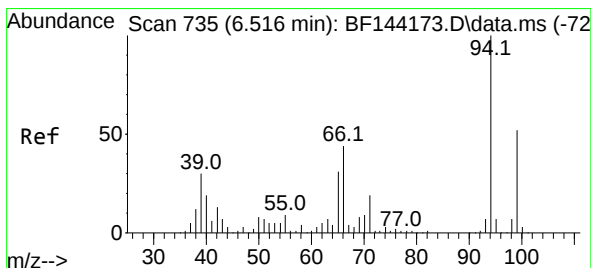
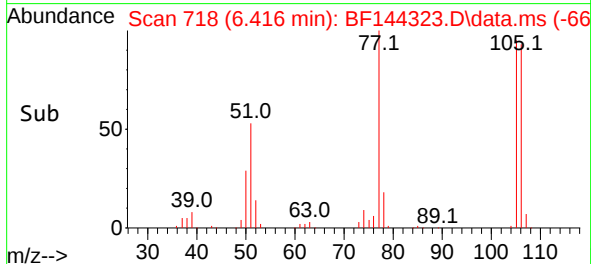
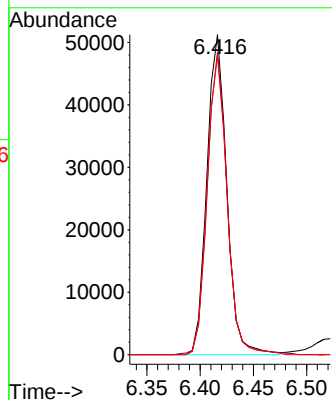
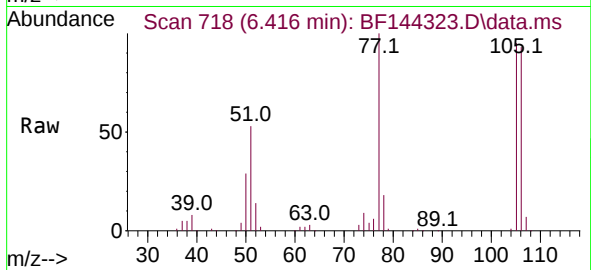




#9
Benzaldehyde
Concen: 23.829 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

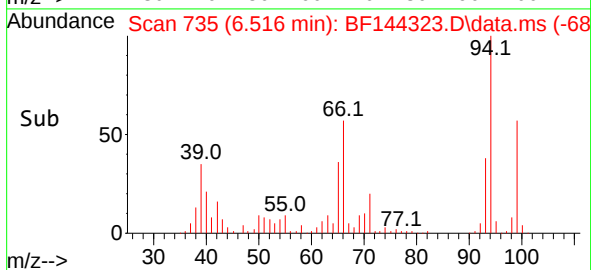
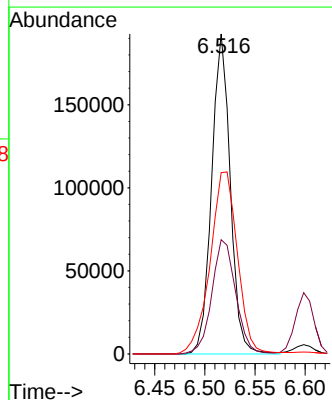
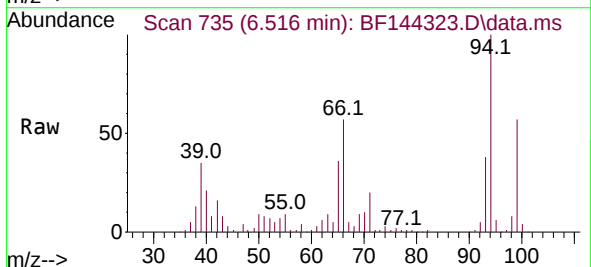
Instrument :
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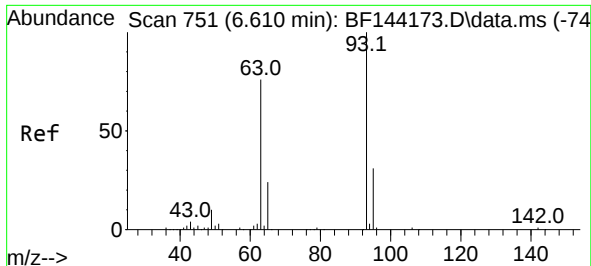
Tgt Ion: 77 Resp: 66662
Ion Ratio Lower Upper
77 100
105 94.5 77.2 117.2
106 93.4 72.2 112.2



#10
Phenol
Concen: 41.110 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 94 Resp: 248839
Ion Ratio Lower Upper
94 100
65 35.7 10.8 50.8
66 56.6 24.3 64.3

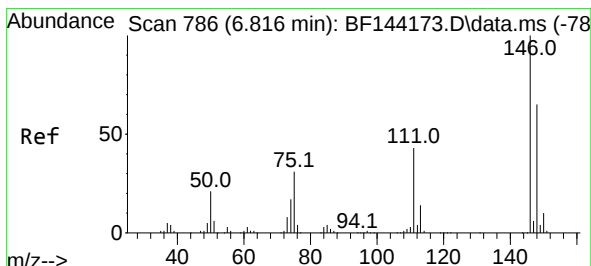
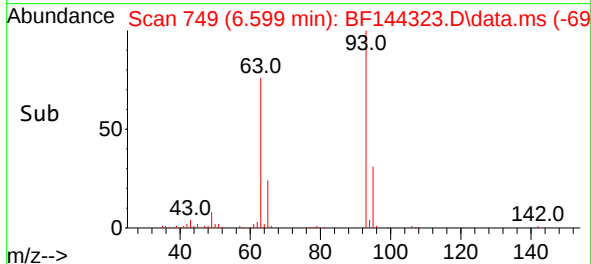
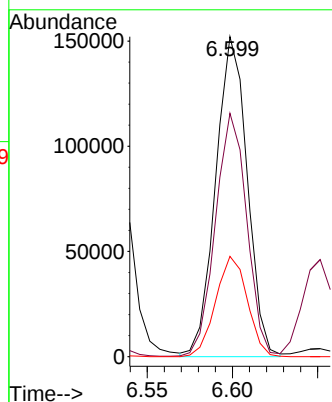
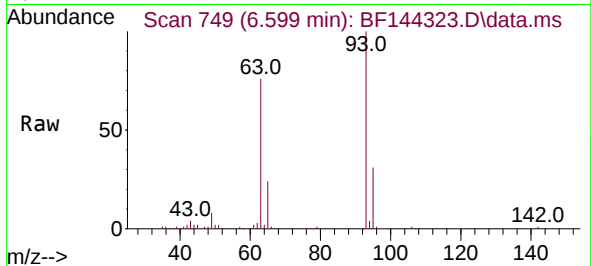




#11
bis(2-Chloroethyl)ether
Concen: 44.434 ng
RT: 6.599 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

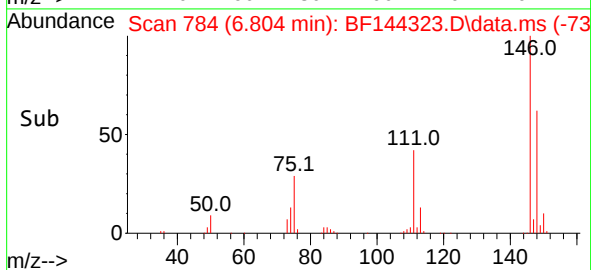
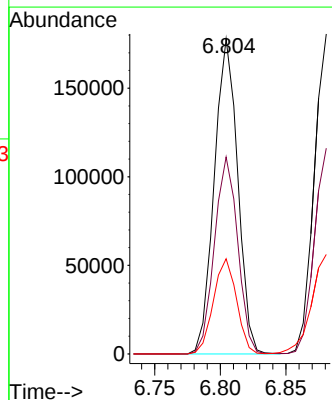
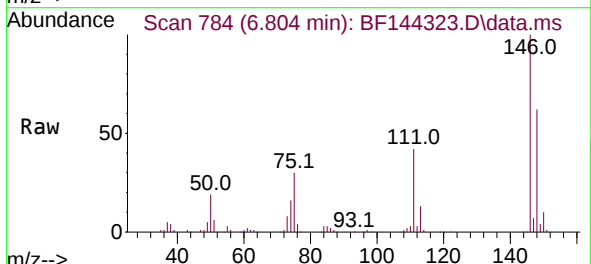
Instrument :
BNA_F
ClientSampleId :
PB170706BS

Tgt Ion: 93 Resp: 195982
Ion Ratio Lower Upper
93 100
63 76.0 55.2 95.2
95 31.3 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.791 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 146 Resp: 221124
Ion Ratio Lower Upper
146 100
148 62.5 51.8 77.8
75 30.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.756 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

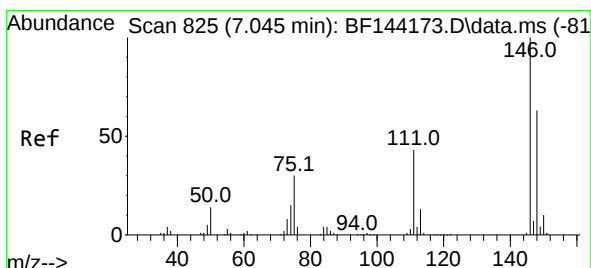
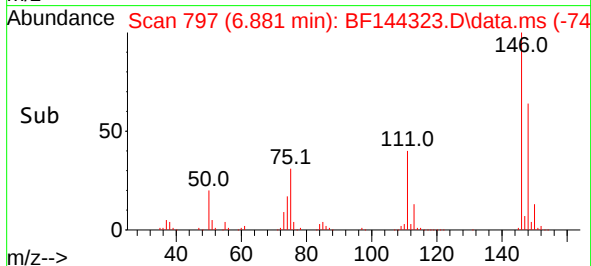
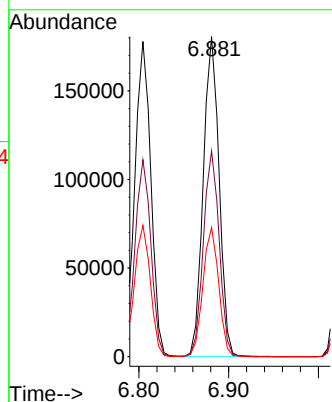
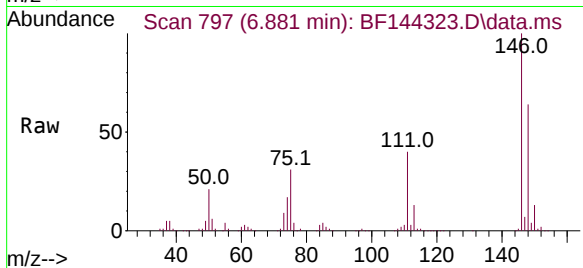
Tgt Ion:146 Resp: 221346

Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.2

111 40.3 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 41.521 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

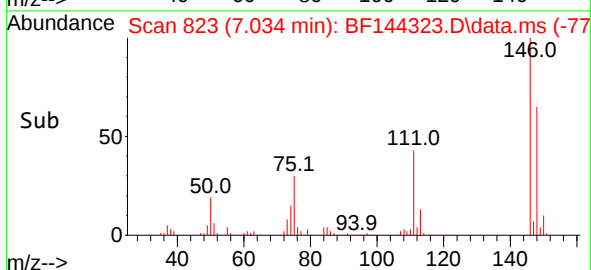
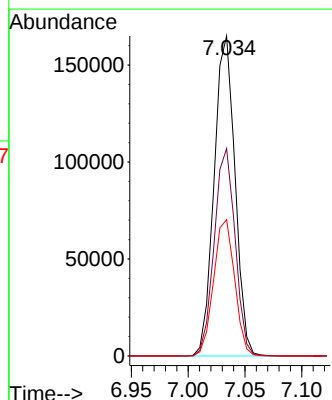
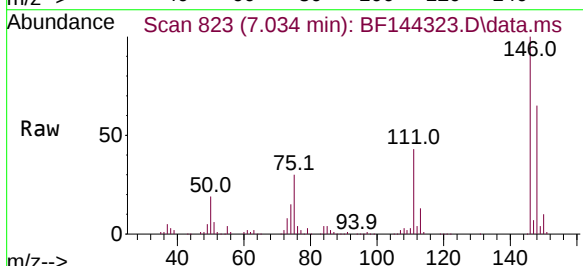
Tgt Ion:146 Resp: 210964

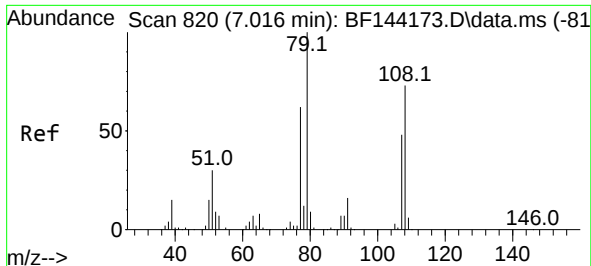
Ion Ratio Lower Upper

146 100

148 64.8 50.7 76.1

111 42.6 34.2 51.4

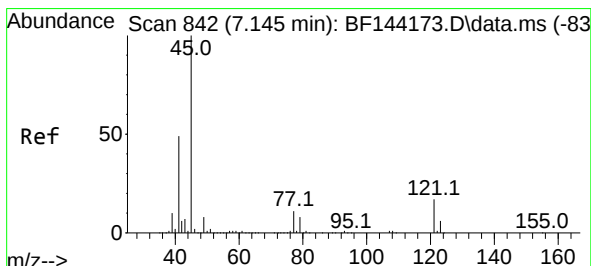
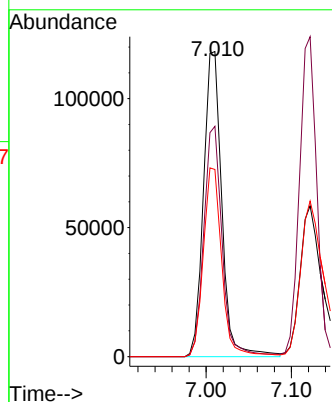
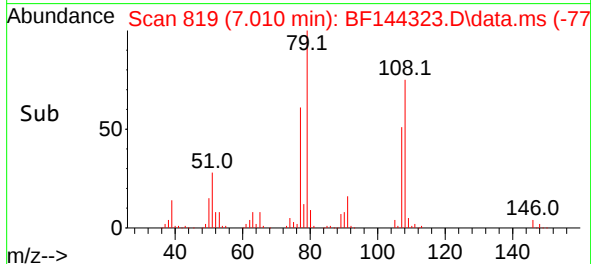
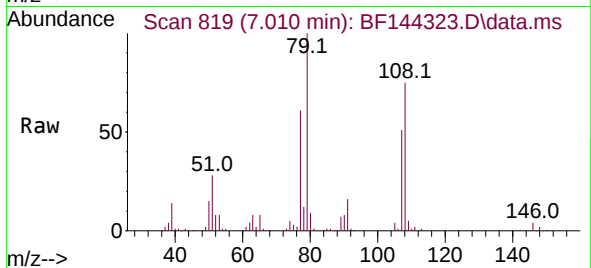




#15
Benzyl Alcohol
Concen: 44.956 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

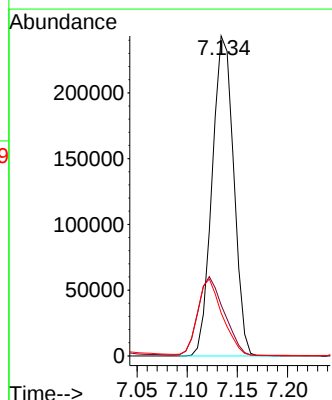
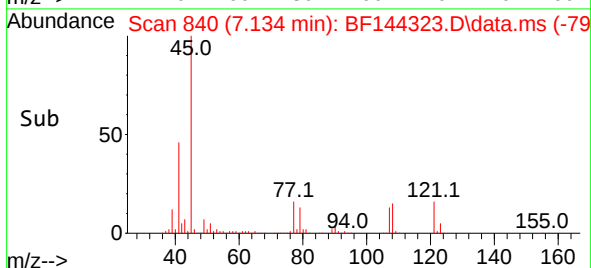
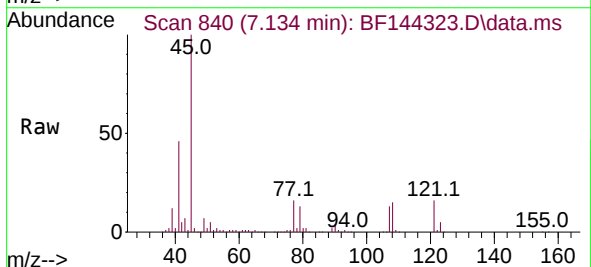
Instrument :
BNA_F
ClientSampleId :
PB170706BS

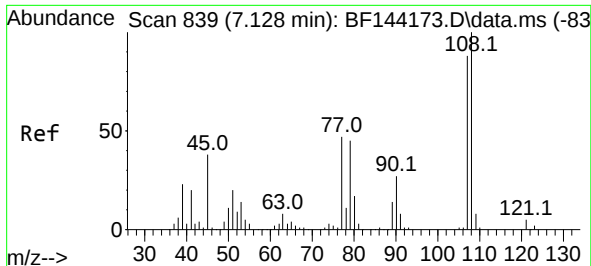
Tgt Ion: 79 Resp: 176359
Ion Ratio Lower Upper
79 100
108 75.5 58.2 87.4
77 61.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.797 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 45 Resp: 363852
Ion Ratio Lower Upper
45 100
77 15.9 0.0 31.8
79 13.4 0.0 29.1

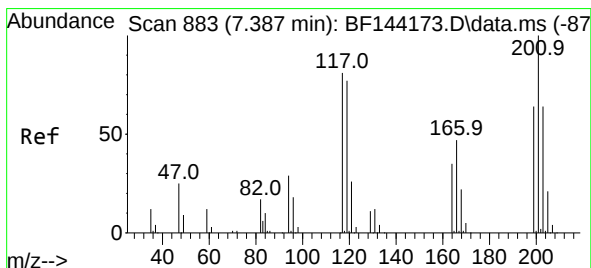
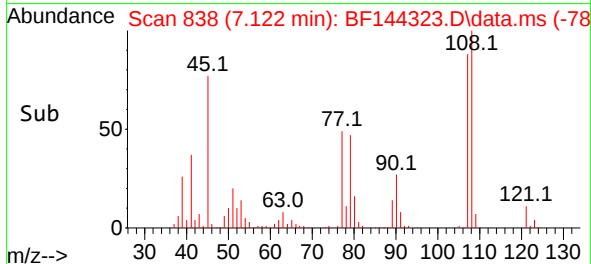
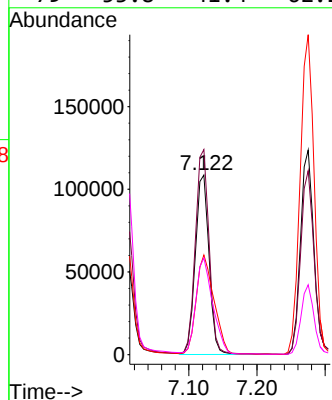
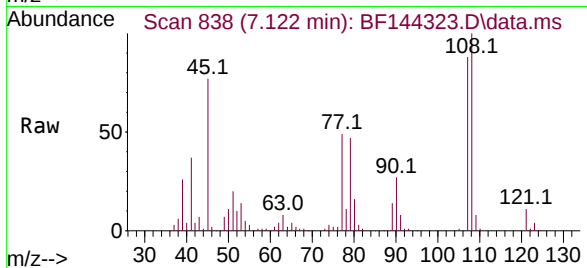




#17
2-Methylphenol
Concen: 44.698 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

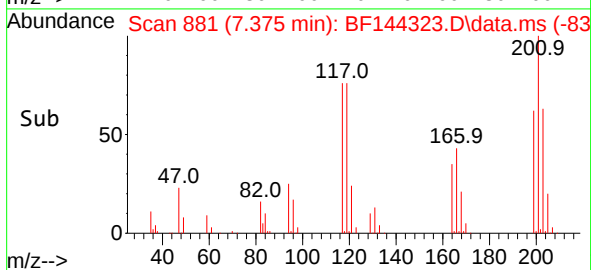
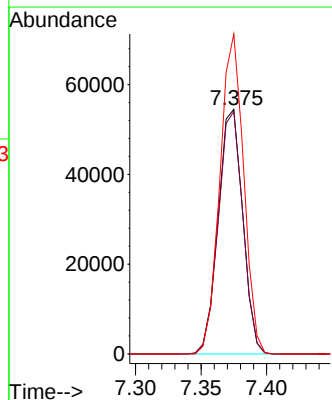
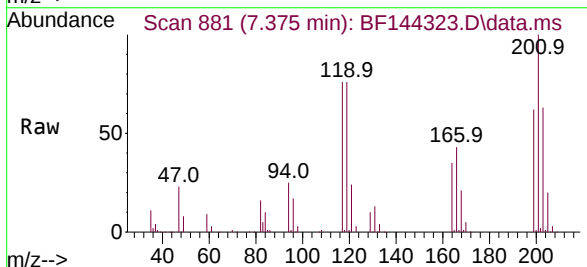
Instrument :
BNA_F
ClientSampleId :
PB170706BS

Tgt Ion:	107	Resp:	152473
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.4
77	55.5	42.7	64.1
79	53.8	41.4	62.2



#18
Hexachloroethane
Concen: 40.323 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:	117	Resp:	71014
Ion	Ratio	Lower	Upper
117	100		
119	99.1	75.8	113.8
201	130.8	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.497 ng

RT: 7.275 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

Tgt Ion: 70 Resp: 138601

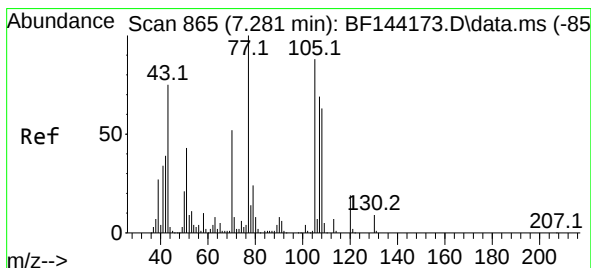
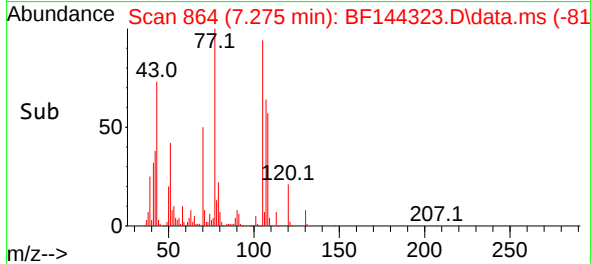
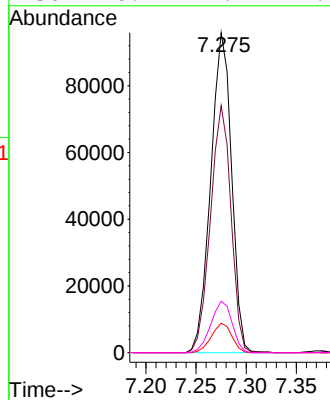
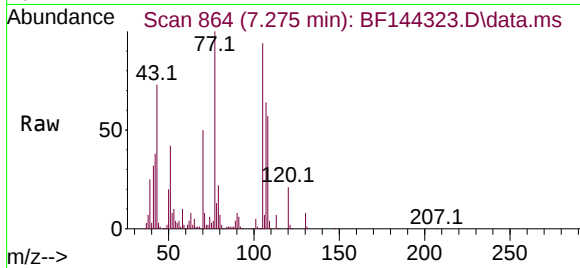
Ion Ratio Lower Upper

70 100

42 77.2 58.3 87.5

101 9.2 7.0 10.6

130 16.1 14.4 21.6



#20

3+4-Methylphenols

Concen: 42.862 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Tgt Ion:107 Resp: 172357

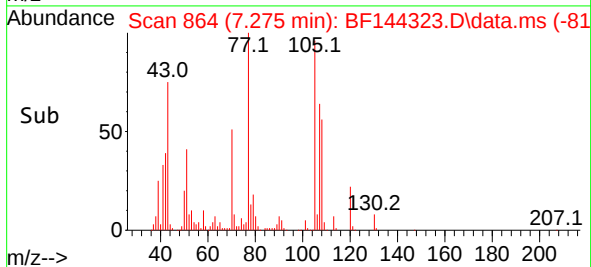
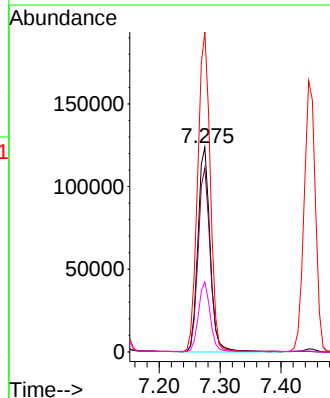
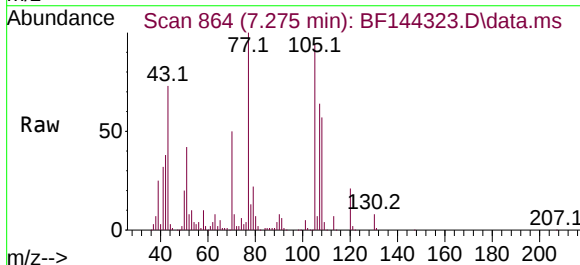
Ion Ratio Lower Upper

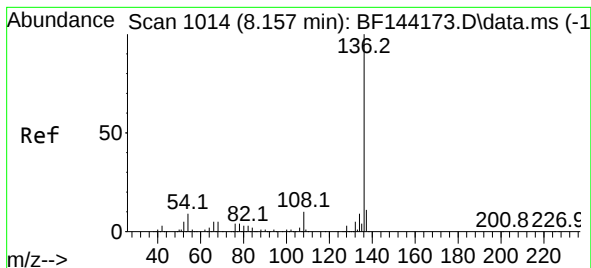
107 100

108 89.9 70.2 110.2

77 156.4 123.9 163.9

79 34.1 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

Tgt Ion:136 Resp: 275503

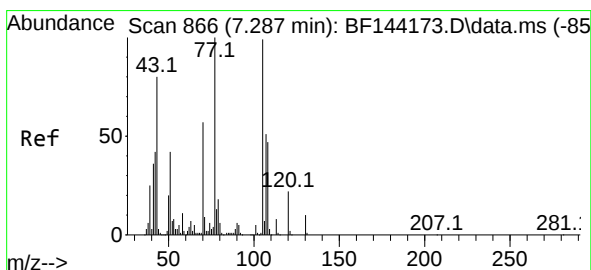
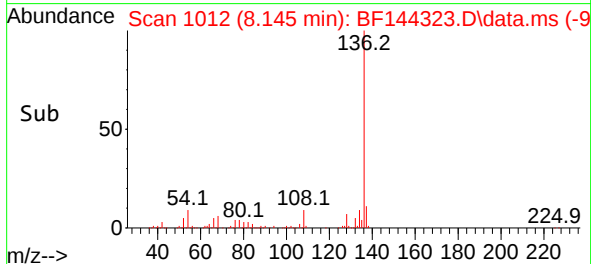
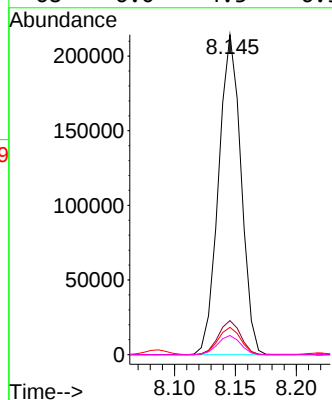
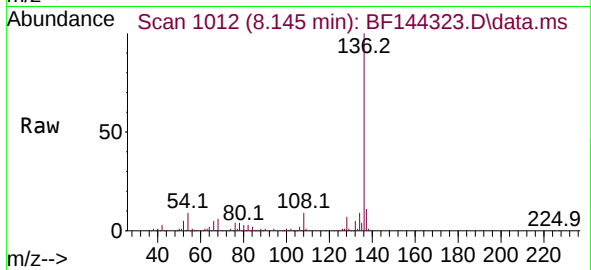
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.5 7.0 10.6

68 6.0 4.3 6.5



#22

Acetophenone

Concen: 44.166 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Tgt Ion:105 Resp: 261028

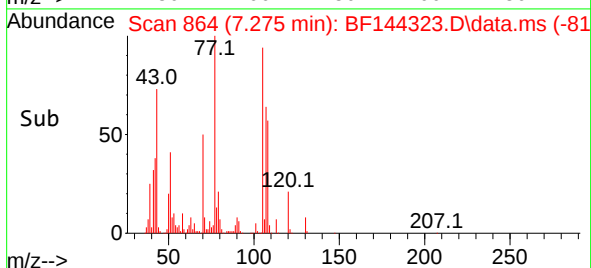
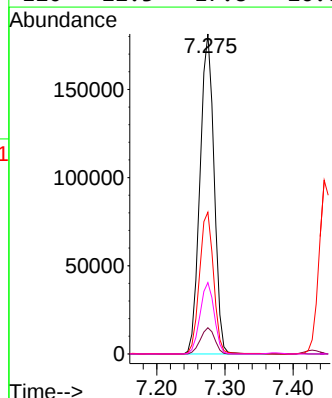
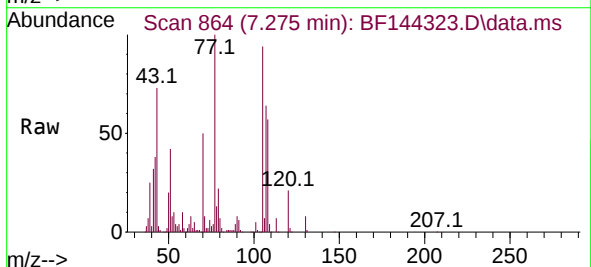
Ion Ratio Lower Upper

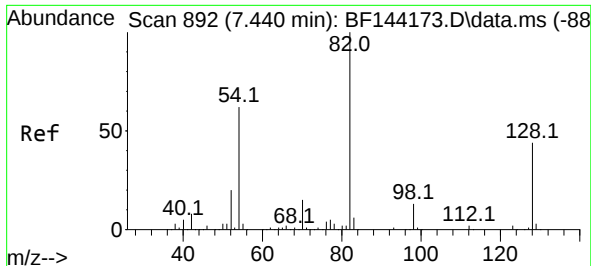
105 100

71 8.2 7.2 10.8

51 44.3 34.0 51.0

120 22.3 17.8 26.6





#23

Nitrobenzene-d5

Concen: 76.981 ng

RT: 7.428 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

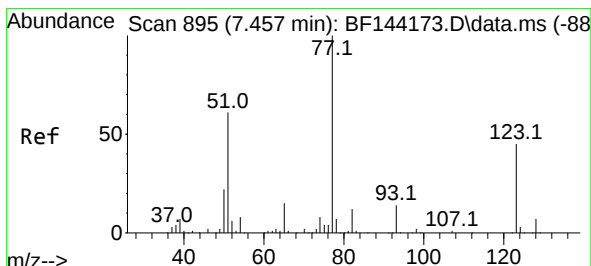
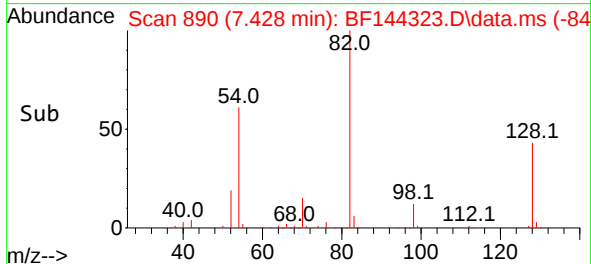
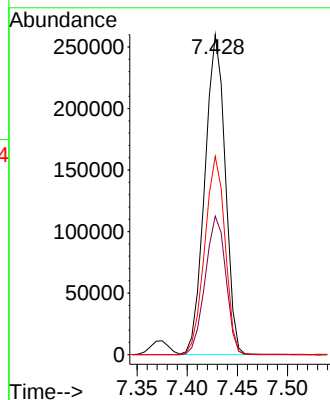
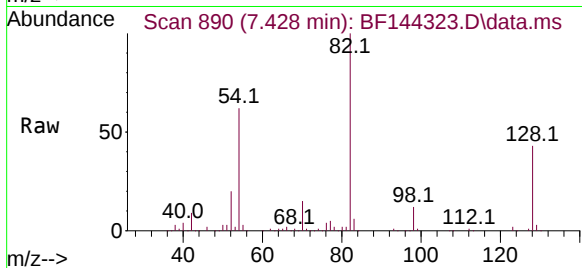
BNA_F

ClientSampleId :

PB170706BS

Tgt Ion: 82 Resp: 367215

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.7	52.1
54	62.0	49.5	74.3



#24

Nitrobenzene

Concen: 40.741 ng

RT: 7.446 min Scan# 893

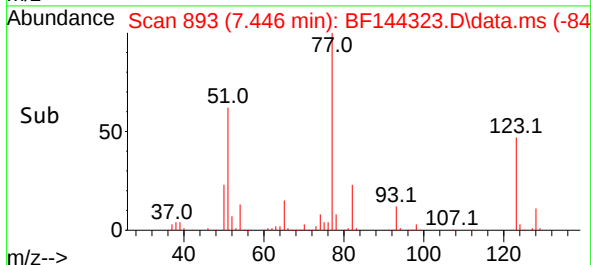
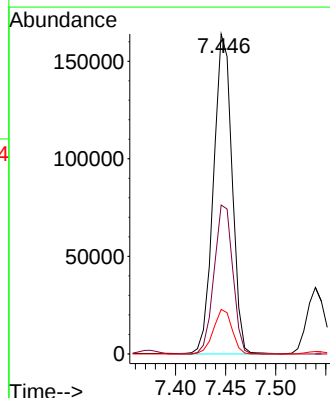
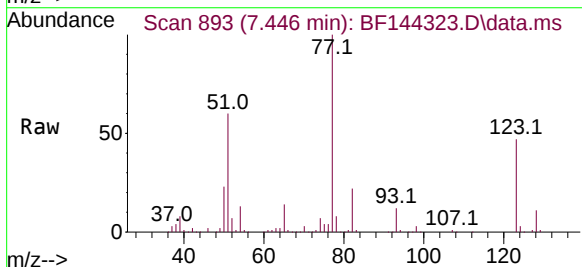
Delta R.T. -0.006 min

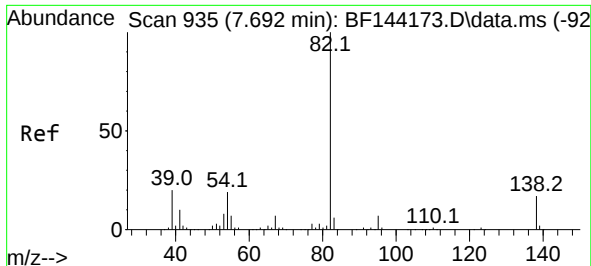
Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Tgt Ion: 77 Resp: 211013

Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.8	53.8
65	13.9	12.2	18.2

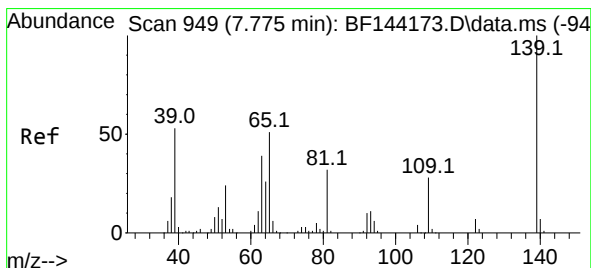
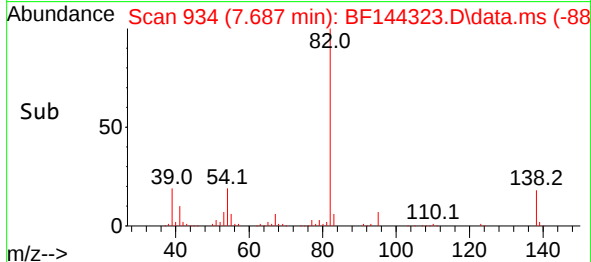
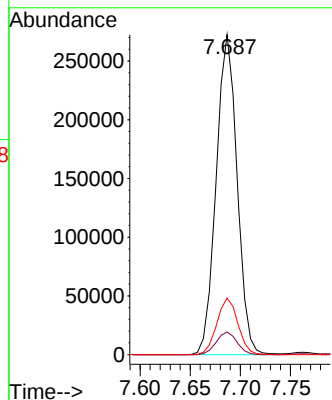
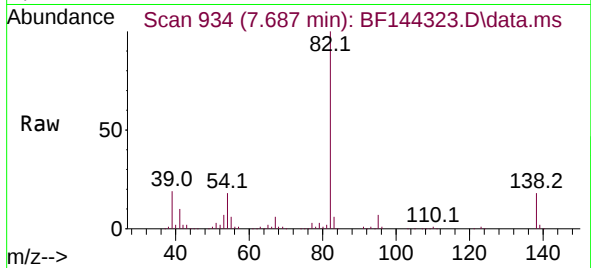




#25
Isophorone
Concen: 43.866 ng
RT: 7.687 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

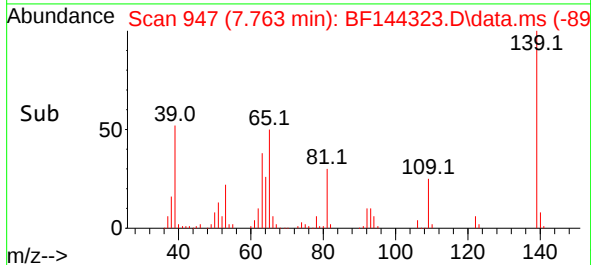
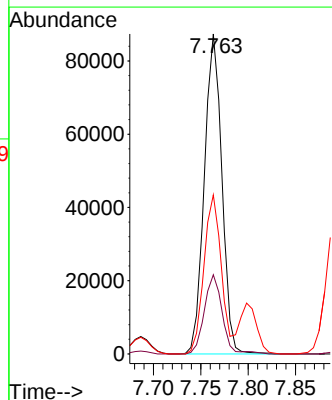
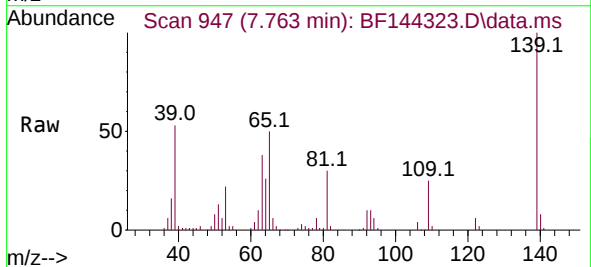
Instrument :
BNA_F
ClientSampleId :
PB170706BS

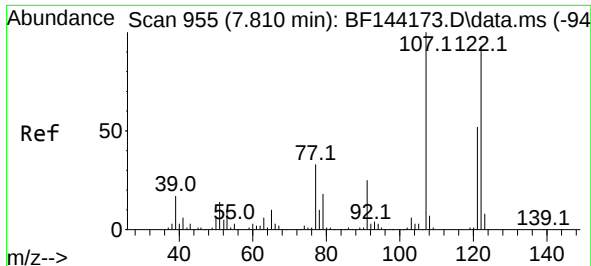
Tgt Ion: 82 Resp: 395797
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.7 13.7 20.5



#26
2-Nitrophenol
Concen: 43.978 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion: 139 Resp: 112753
Ion Ratio Lower Upper
139 100
109 24.8 22.2 33.2
65 49.7 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.960 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

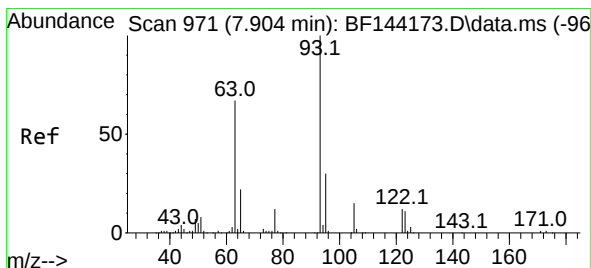
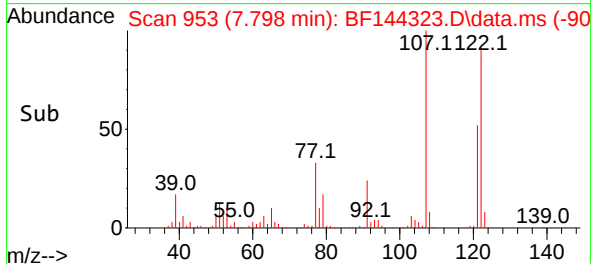
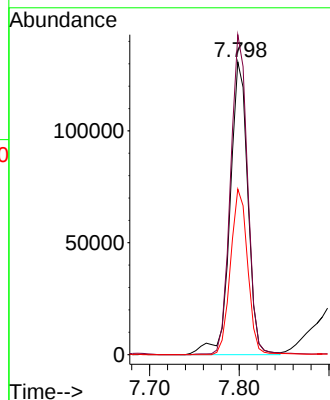
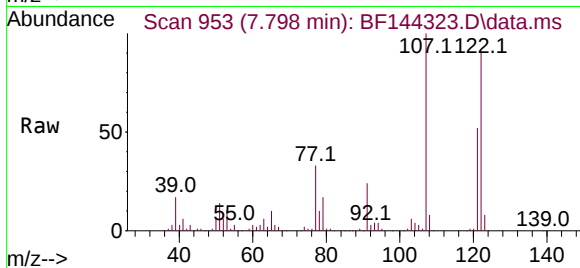
Tgt Ion:122 Resp: 180457

Ion Ratio Lower Upper

122 100

107 109.3 86.2 129.4

121 56.5 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 44.156 ng

RT: 7.893 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

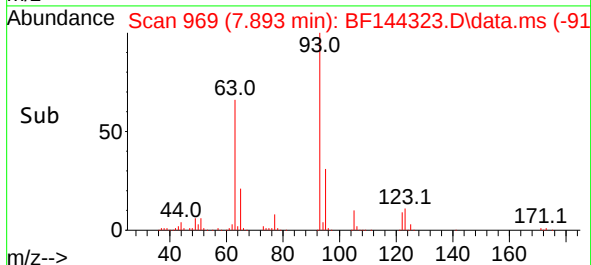
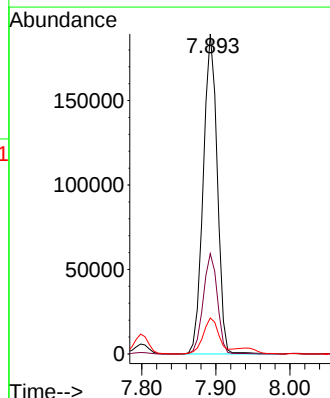
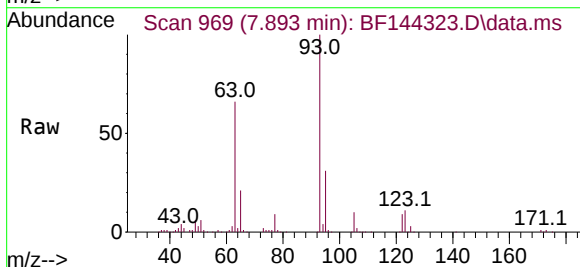
Tgt Ion: 93 Resp: 248793

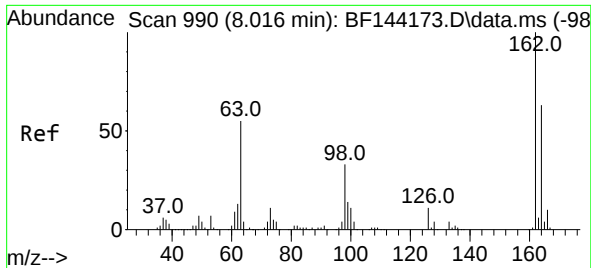
Ion Ratio Lower Upper

93 100

95 31.3 24.2 36.4

123 11.2 9.0 13.4

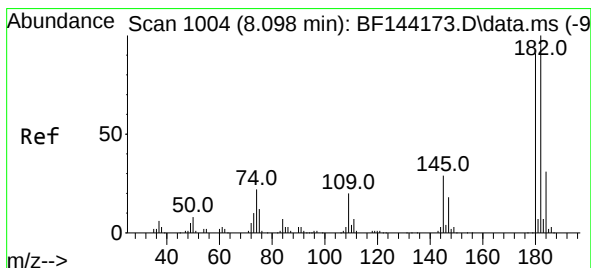
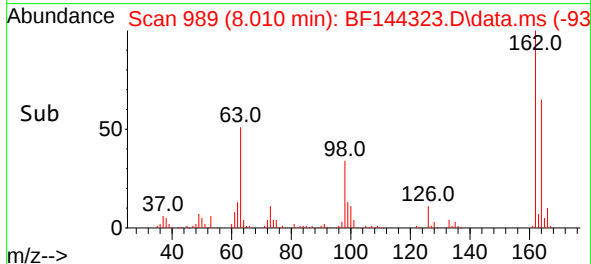
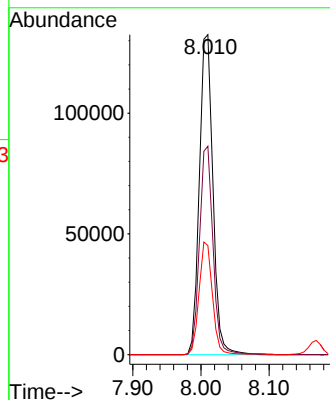
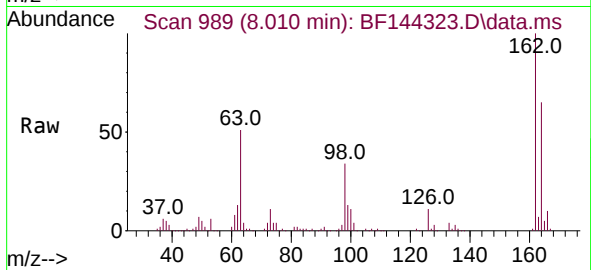




#29
2,4-Dichlorophenol
Concen: 41.483 ng
RT: 8.010 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

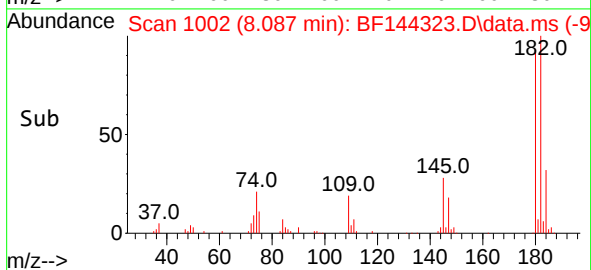
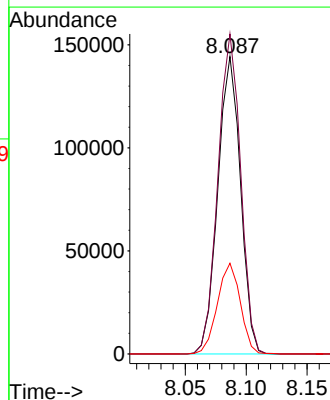
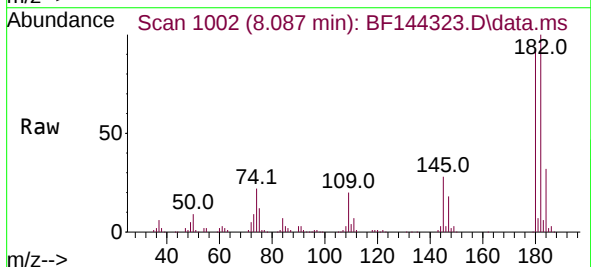
Instrument :
BNA_F
ClientSampleId :
PB170706BS

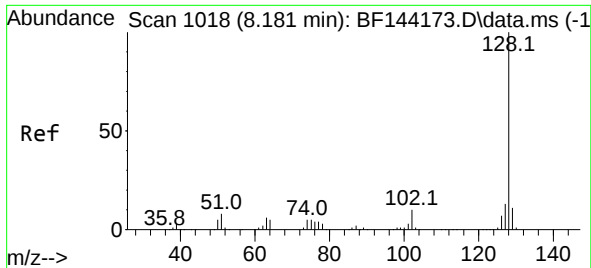
Tgt Ion:162 Resp: 183730
Ion Ratio Lower Upper
162 100
164 65.1 42.9 82.9
98 34.1 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 41.150 ng
RT: 8.087 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:180 Resp: 187151
Ion Ratio Lower Upper
180 100
182 107.6 87.7 131.5
145 30.5 25.4 38.0

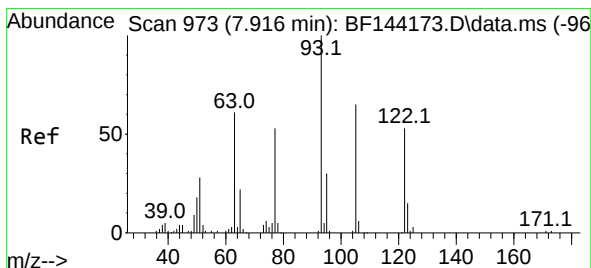
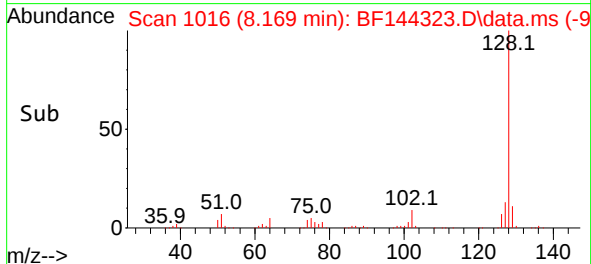
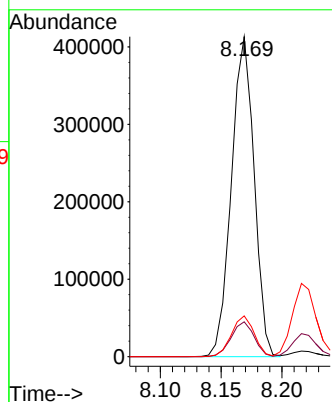
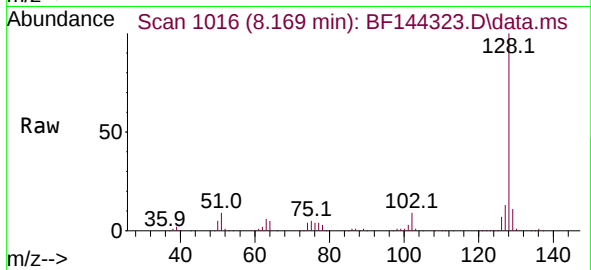




#31
Naphthalene
Concen: 40.938 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

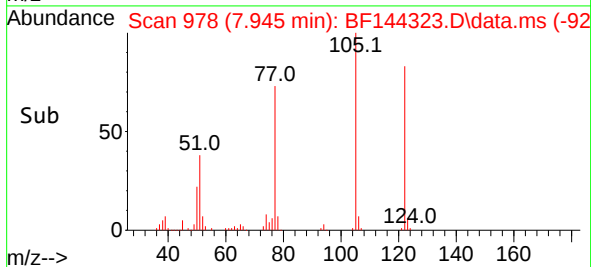
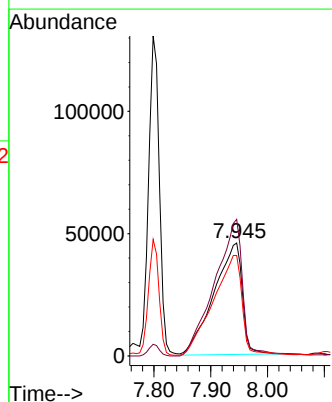
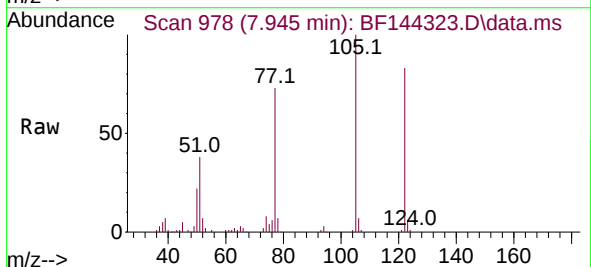
Instrument :
BNA_F
ClientSampleId :
PB170706BS

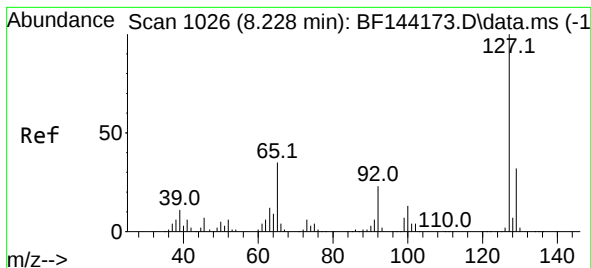
Tgt Ion:128 Resp: 536506
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.7 10.3 15.5



#32
Benzoic acid
Concen: 56.025 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:122 Resp: 157812
Ion Ratio Lower Upper
122 100
105 121.0 99.9 139.9
77 88.9 77.5 117.5





#33

4-Chloroaniline

Concen: 27.544 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

Tgt Ion:127 Resp: 131654

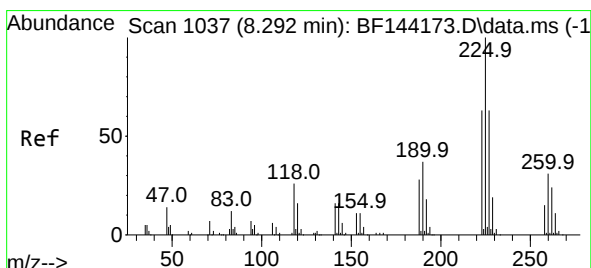
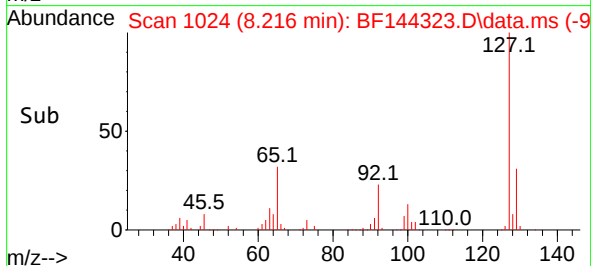
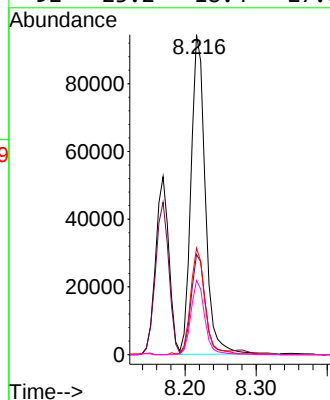
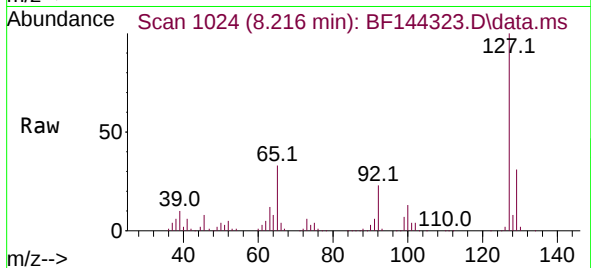
Ion Ratio Lower Upper

127 100

129 31.3 25.3 37.9

65 33.3 27.6 41.4

92 23.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 38.182 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

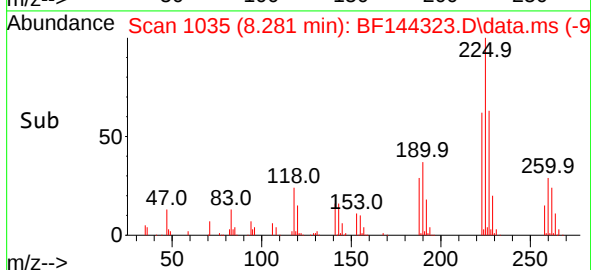
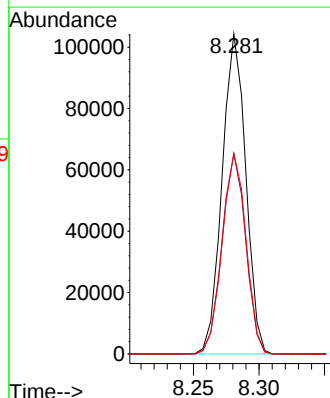
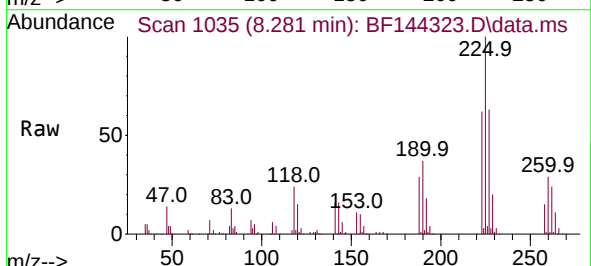
Tgt Ion:225 Resp: 130874

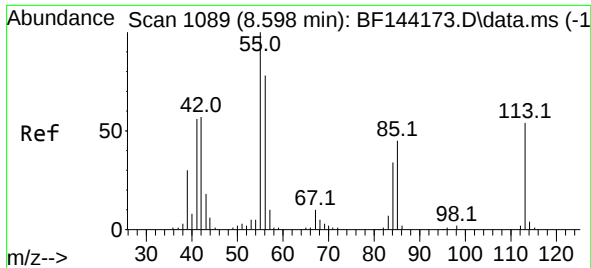
Ion Ratio Lower Upper

225 100

223 62.5 50.2 75.4

227 62.7 50.1 75.1

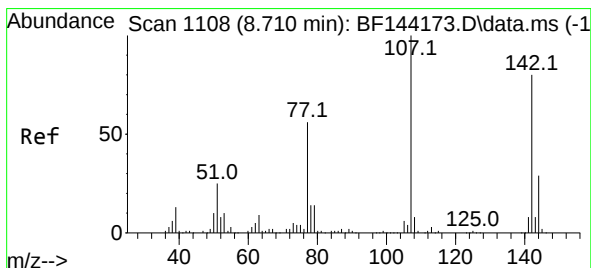
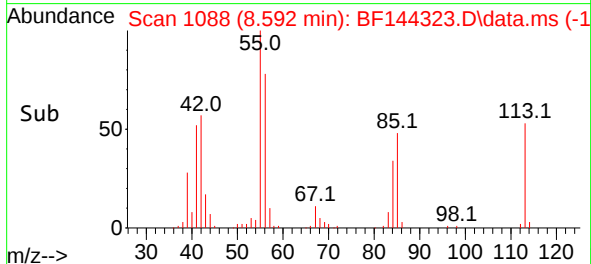
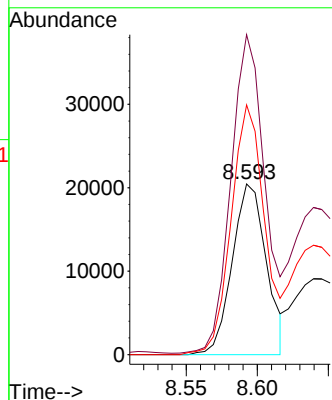
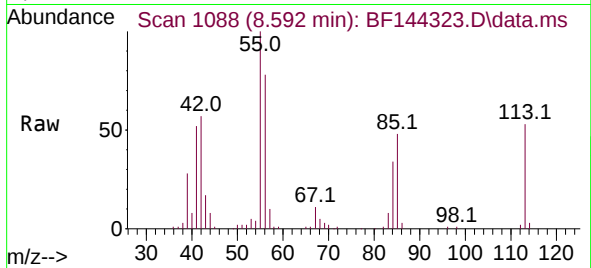




#35
 Caprolactam
 Concen: 28.119 ng
 RT: 8.592 min Scan# 1089
 Delta R.T. -0.029 min
 Lab File: BF144323.D
 Acq: 24 Nov 2025 14:40

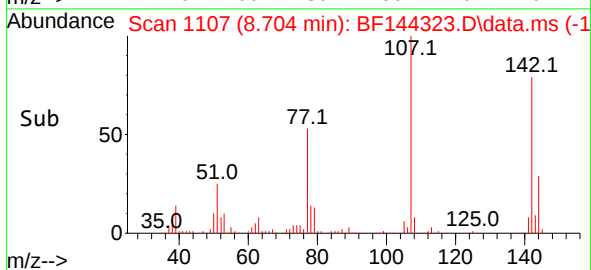
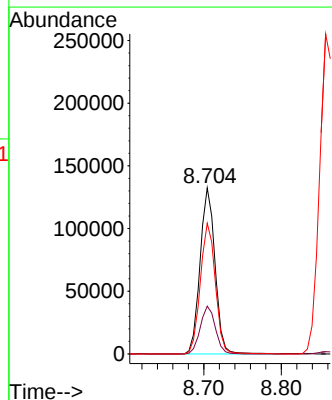
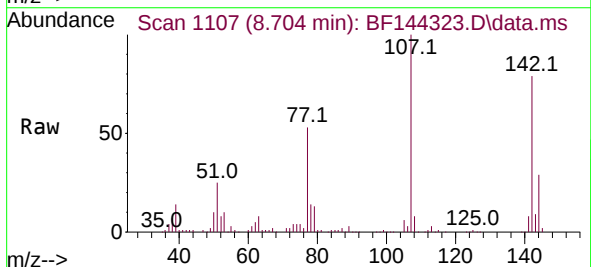
Instrument :
 BNA_F
 ClientSampleId :
 PB170706BS

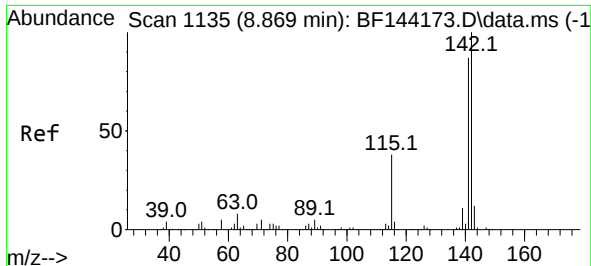
Tgt Ion:113 Resp: 34121
 Ion Ratio Lower Upper
 113 100
 55 187.5 166.8 206.8
 56 146.2 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.739 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF144323.D
 Acq: 24 Nov 2025 14:40

Tgt Ion:107 Resp: 177585
 Ion Ratio Lower Upper
 107 100
 144 28.8 23.3 34.9
 142 78.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 38.480 ng

RT: 8.857 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

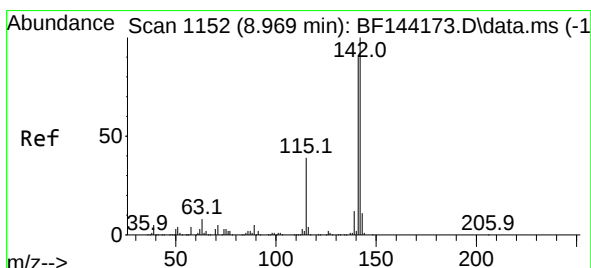
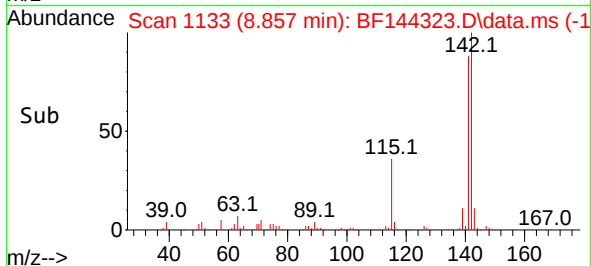
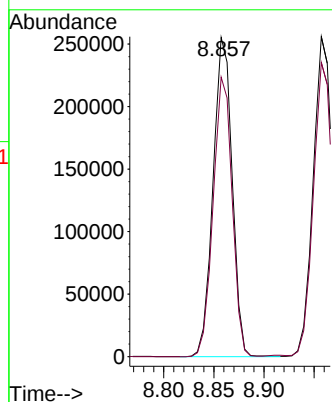
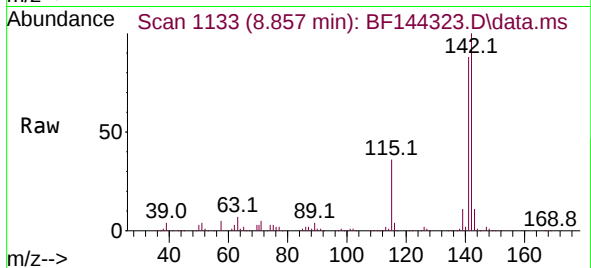
PB170706BS

Tgt Ion:142 Resp: 337166

Ion Ratio Lower Upper

142 100

141 87.6 69.9 104.9



#38

1-Methylnaphthalene

Concen: 39.886 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144323.D

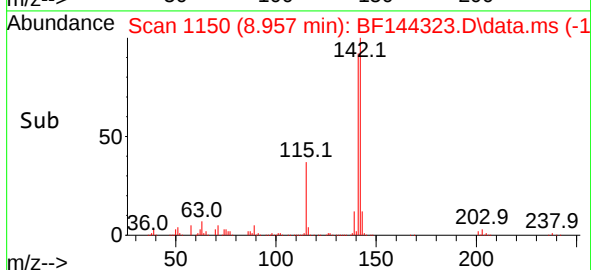
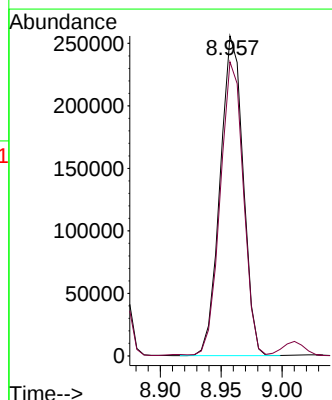
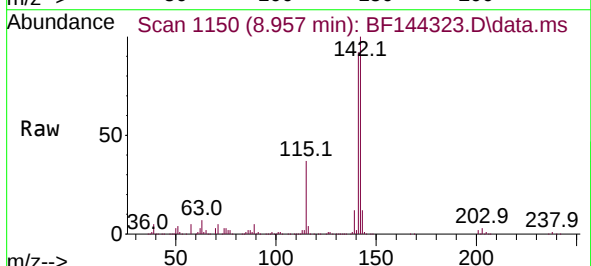
Acq: 24 Nov 2025 14:40

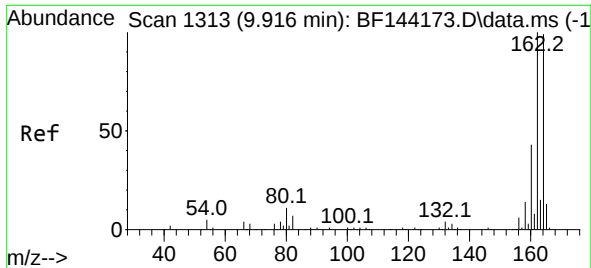
Tgt Ion:142 Resp: 337219

Ion Ratio Lower Upper

142 100

141 91.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

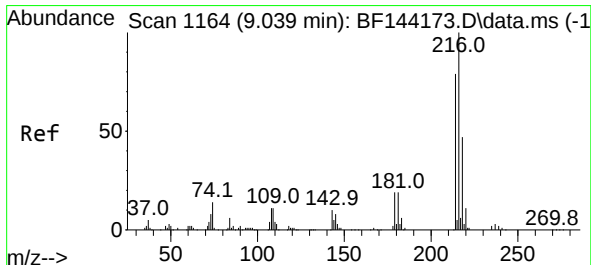
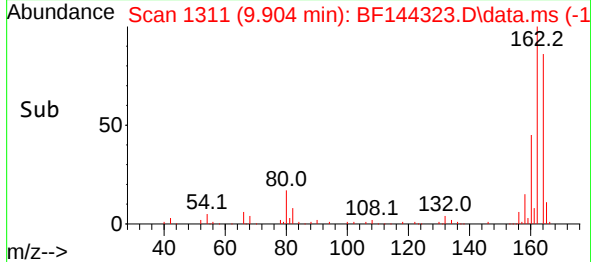
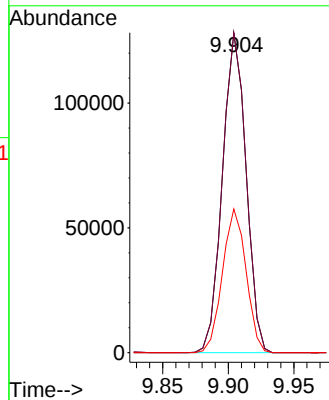
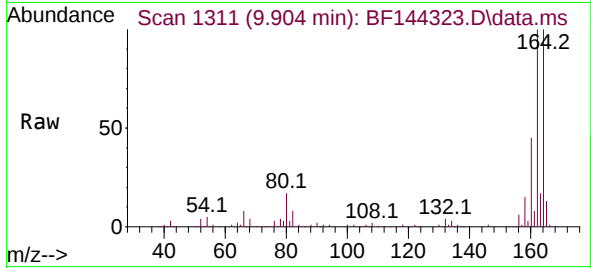
Tgt Ion:164 Resp: 160278

Ion Ratio Lower Upper

164 100

162 100.2 81.1 121.7

160 44.9 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.284 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Tgt Ion:216 Resp: 222108

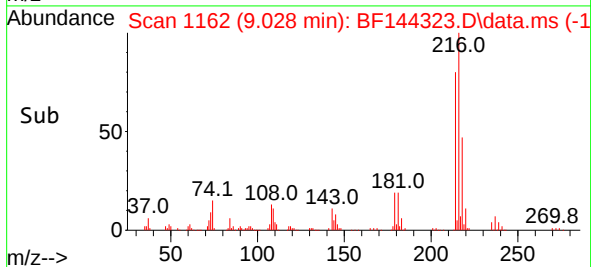
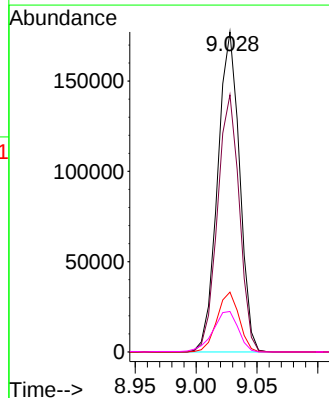
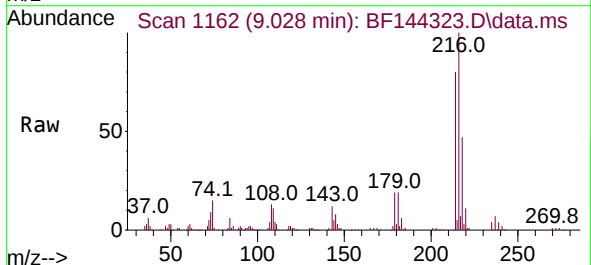
Ion Ratio Lower Upper

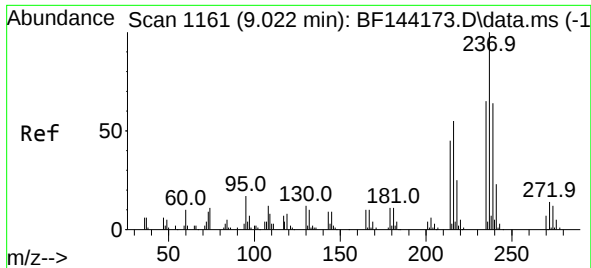
216 100

214 79.9 63.4 95.2

179 18.8 15.0 22.4

108 14.7 10.5 15.7

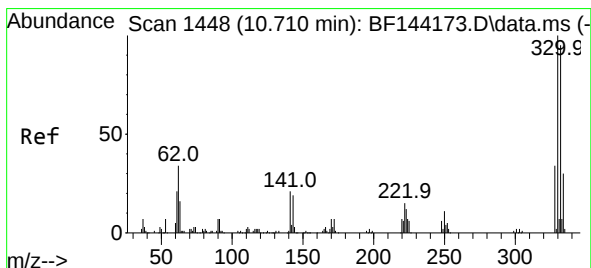
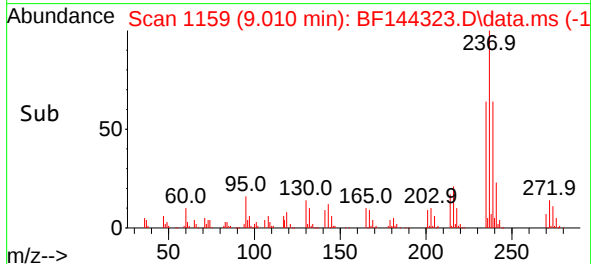
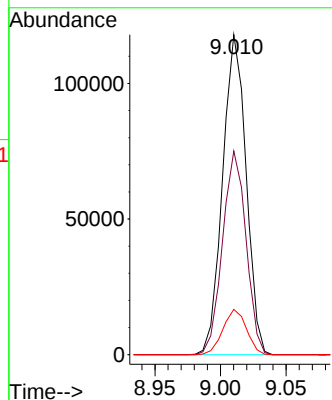
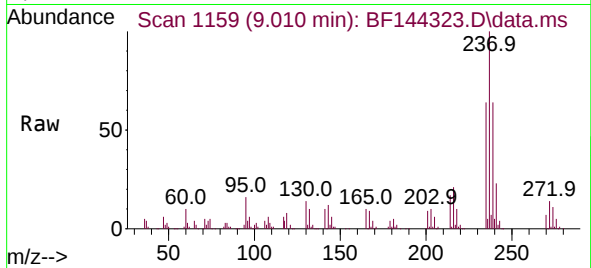




#41
Hexachlorocyclopentadiene
Concen: 74.014 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

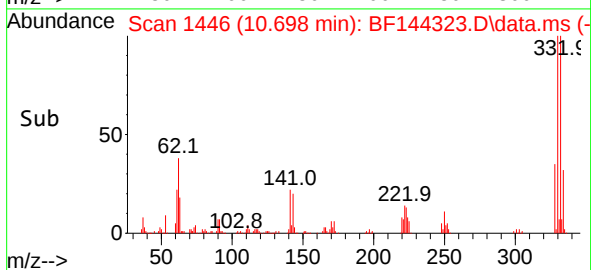
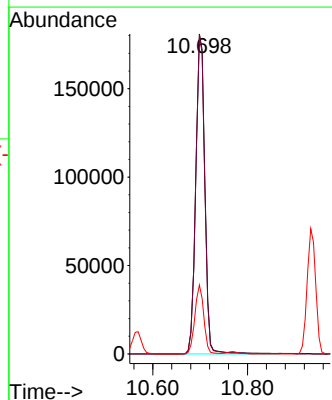
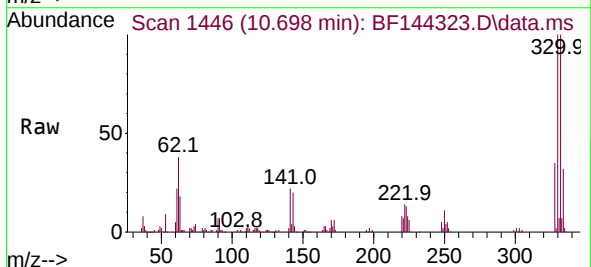
Instrument :
BNA_F
ClientSampleId :
PB170706BS

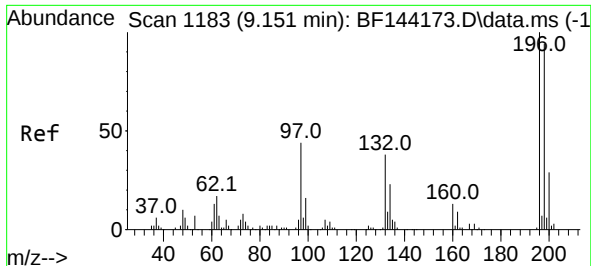
Tgt Ion:237 Resp: 147276
Ion Ratio Lower Upper
237 100
235 63.6 45.5 85.5
272 14.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 120.129 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:330 Resp: 241615
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 21.1 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 41.159 ng

RT: 9.140 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

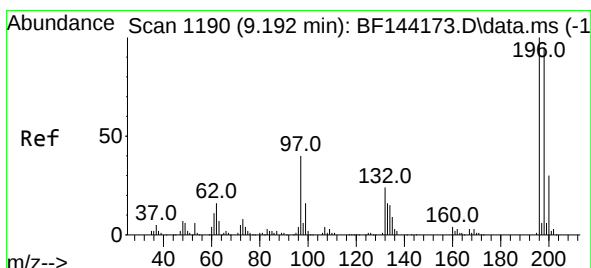
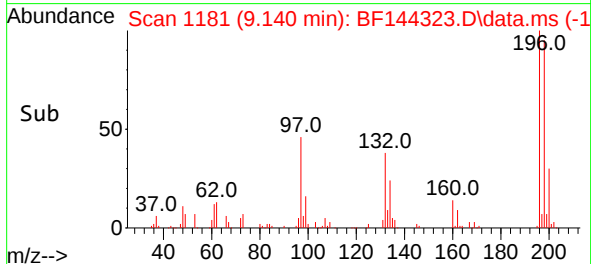
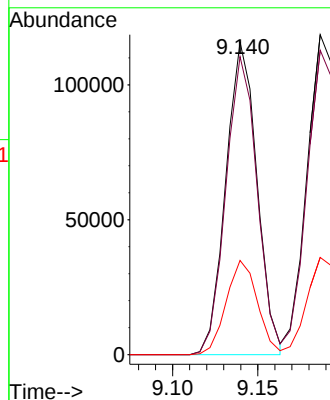
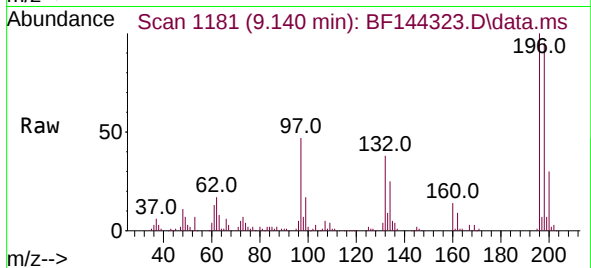
Tgt Ion:196 Resp: 147151

Ion Ratio Lower Upper

196 100

198 95.3 75.3 112.9

200 30.1 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 41.690 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Tgt Ion:196 Resp: 160642

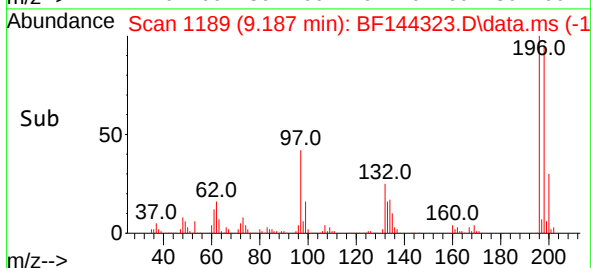
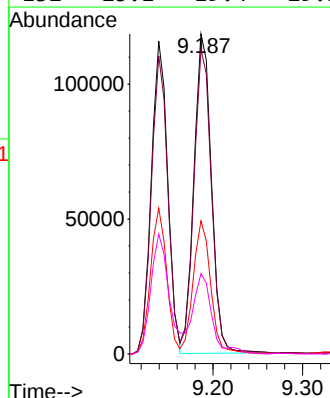
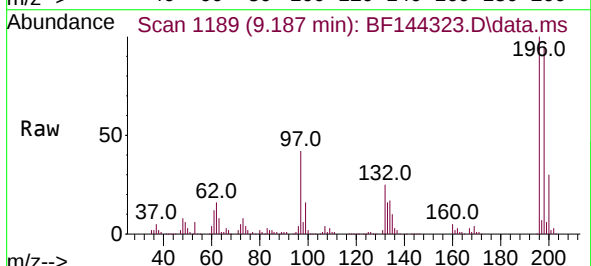
Ion Ratio Lower Upper

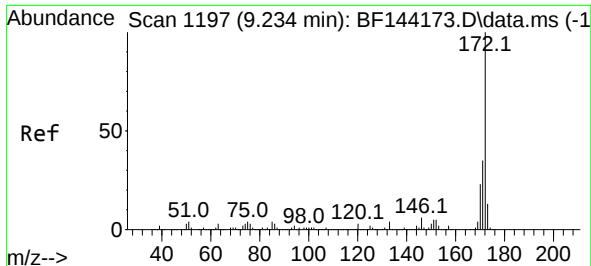
196 100

198 95.1 76.1 114.1

97 41.6 31.9 47.9

132 25.1 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 74.181 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

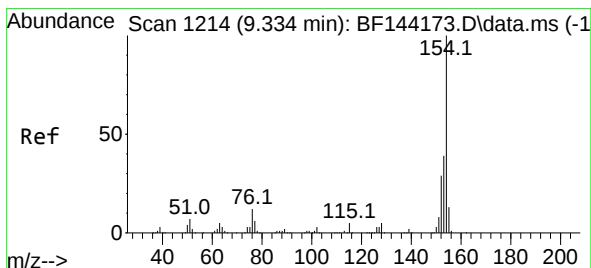
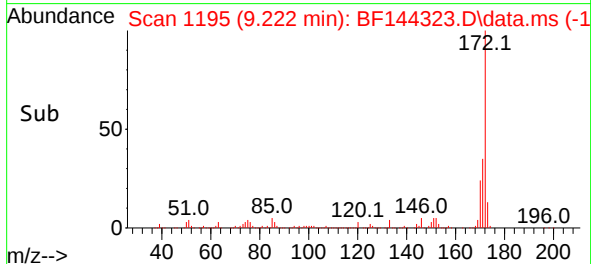
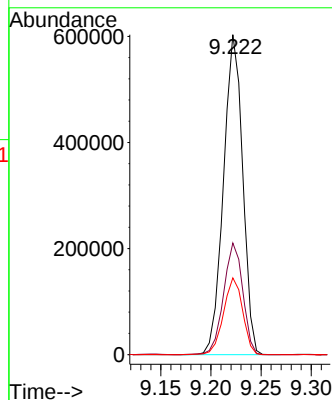
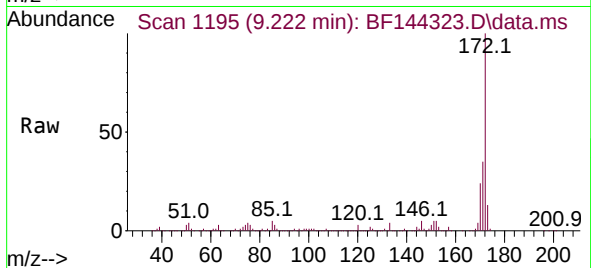
Tgt Ion:172 Resp: 805014

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 24.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 44.435 ng

RT: 9.328 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

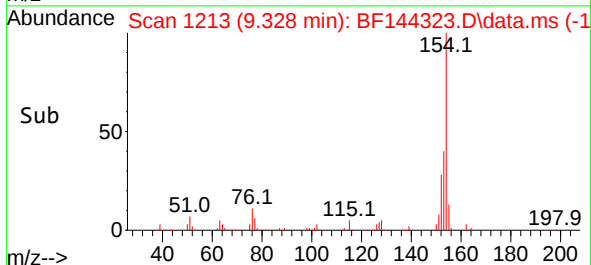
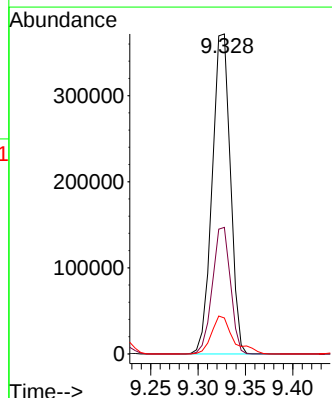
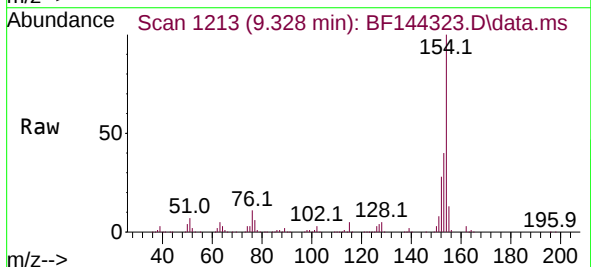
Tgt Ion:154 Resp: 497132

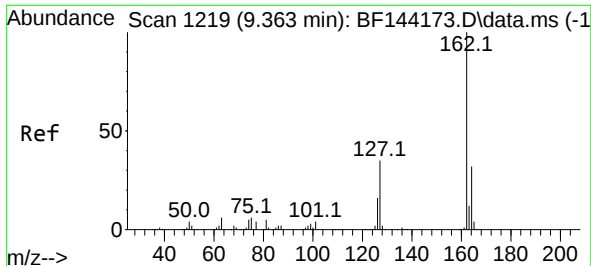
Ion Ratio Lower Upper

154 100

153 39.5 19.2 59.2

76 11.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.632 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

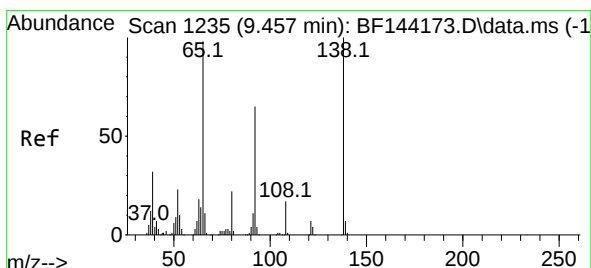
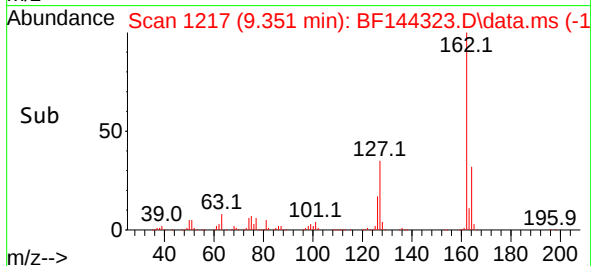
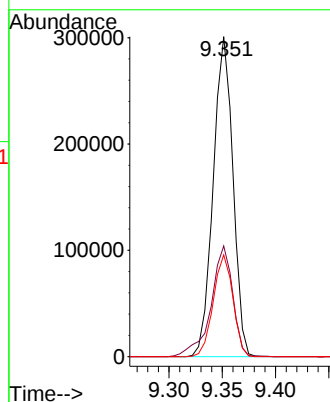
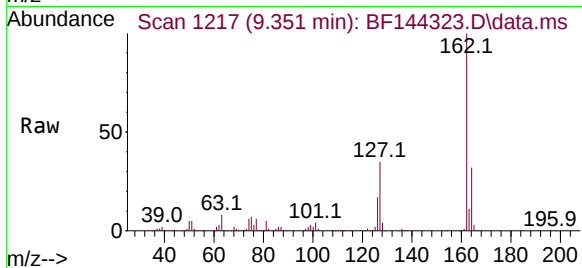
Tgt Ion:162 Resp: 387771

Ion Ratio Lower Upper

162 100

127 34.6 28.8 43.2

164 31.8 25.8 38.8



#48

2-Nitroaniline

Concen: 44.752 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

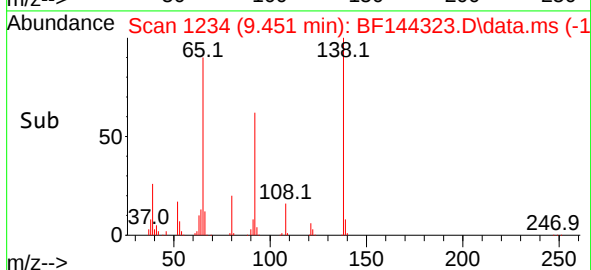
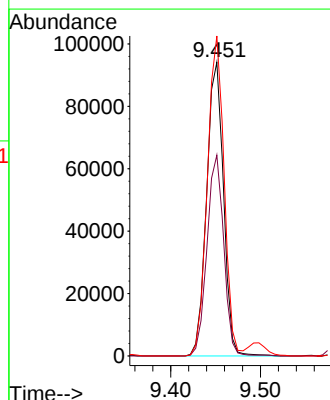
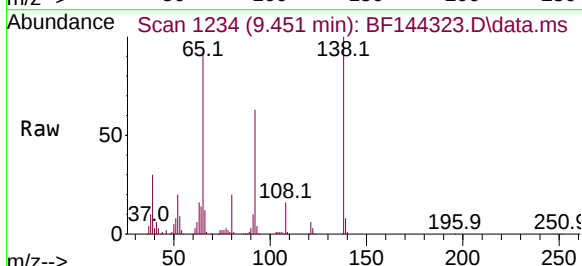
Tgt Ion: 65 Resp: 123229

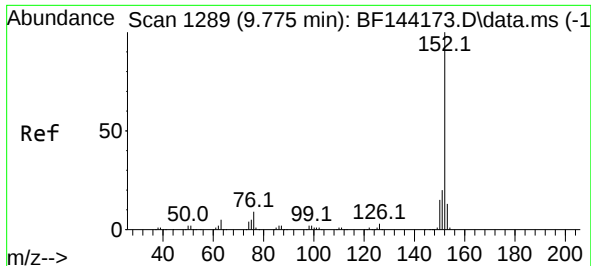
Ion Ratio Lower Upper

65 100

92 68.3 53.0 79.6

138 108.9 81.6 122.4





#49

Acenaphthylene

Concen: 46.233 ng

RT: 9.769 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

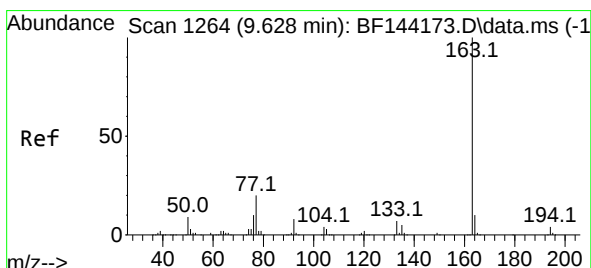
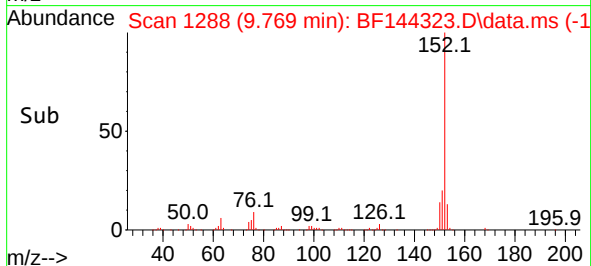
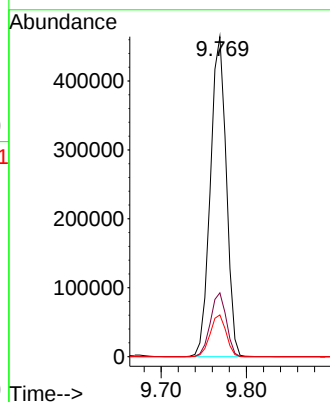
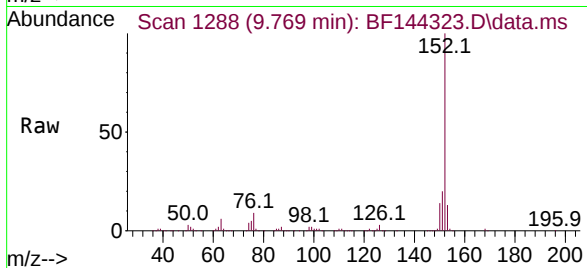
Tgt Ion:152 Resp: 601260

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 45.306 ng

RT: 9.628 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

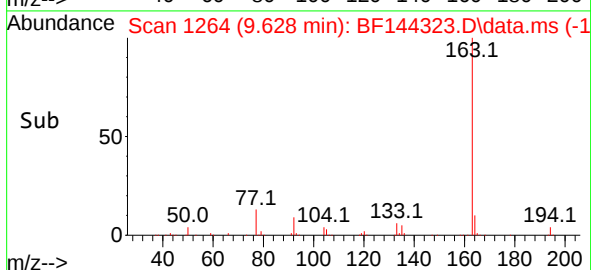
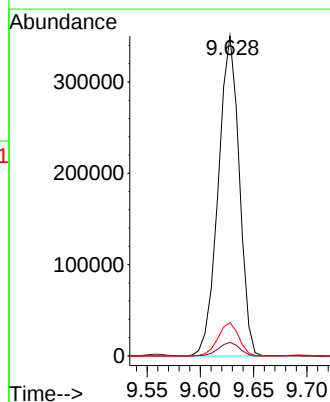
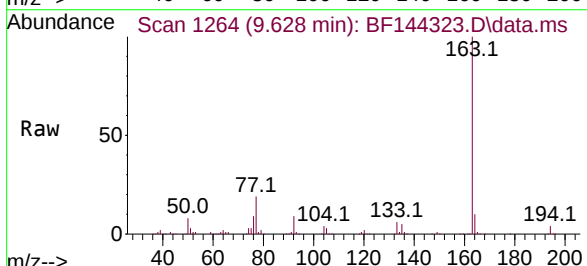
Tgt Ion:163 Resp: 481064

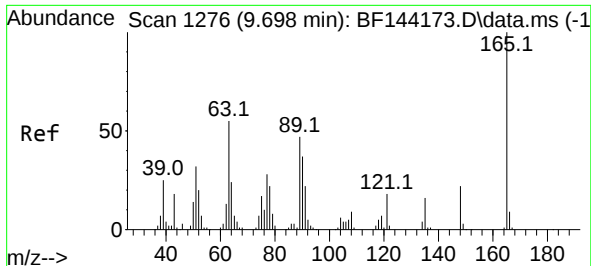
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.4 8.1 12.1

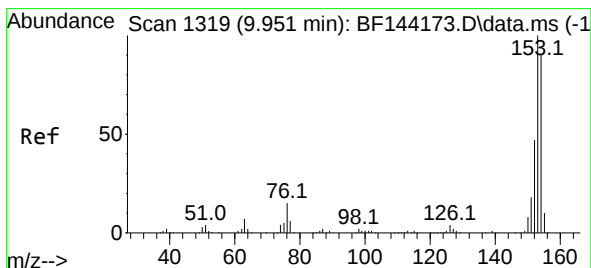
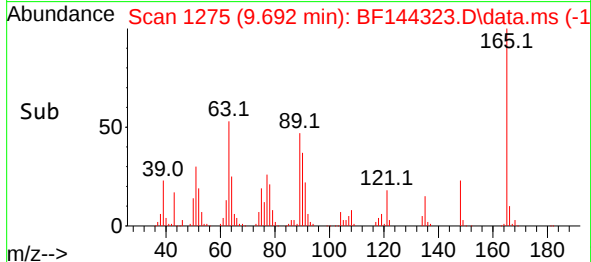
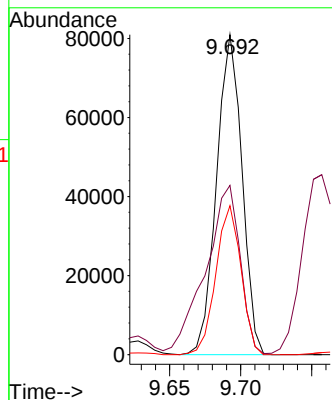
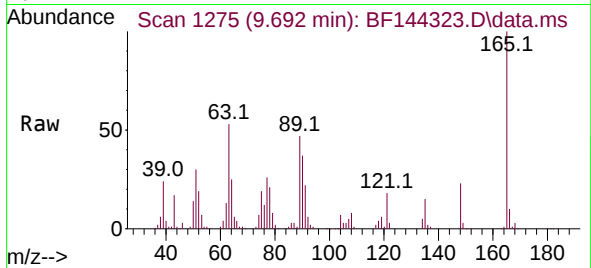




#51
2,6-Dinitrotoluene
Concen: 46.914 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

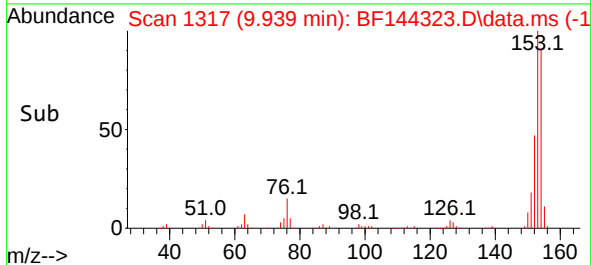
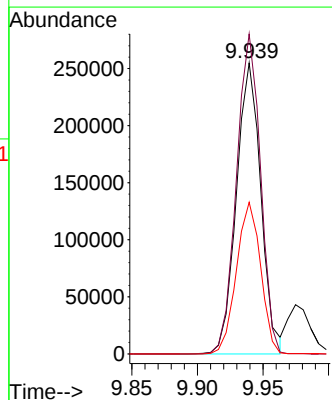
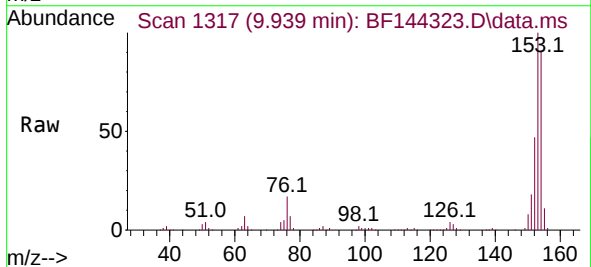
Instrument :
BNA_F
ClientSampleId :
PB170706BS

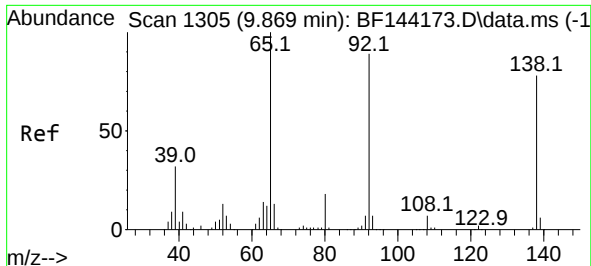
Tgt Ion:165 Resp: 100840
Ion Ratio Lower Upper
165 100
63 52.9 43.8 65.8
89 46.5 37.5 56.3



#52
Acenaphthene
Concen: 38.039 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:154 Resp: 330809
Ion Ratio Lower Upper
154 100
153 110.0 89.0 133.4
152 52.1 42.2 63.4

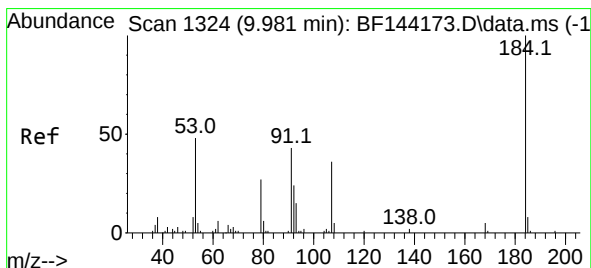
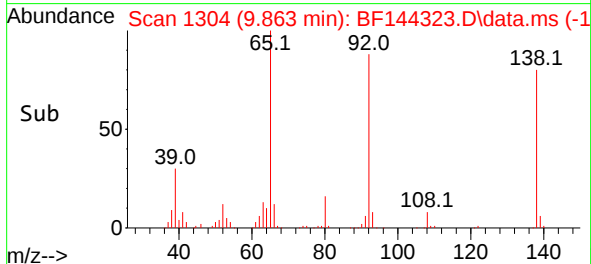
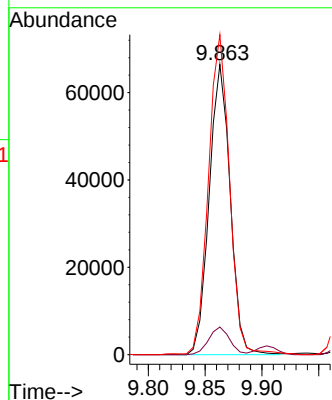
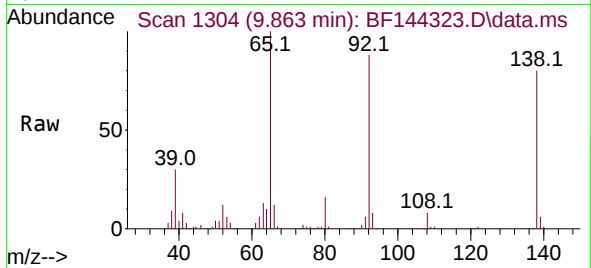




#53
3-Nitroaniline
Concen: 36.342 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

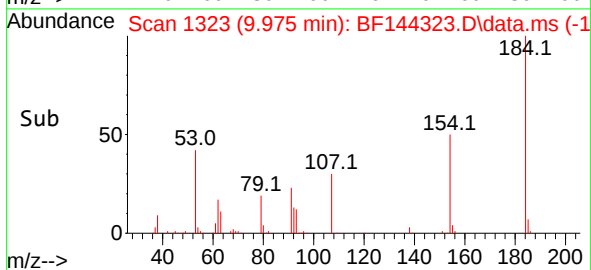
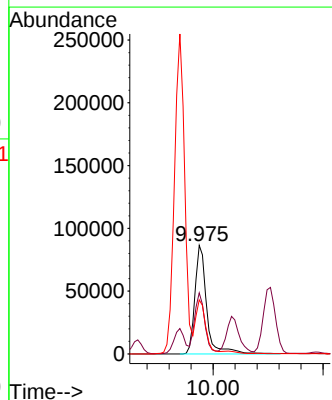
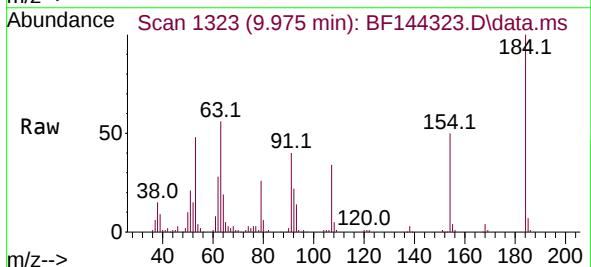
Instrument :
BNA_F
ClientSampleId :
PB170706BS

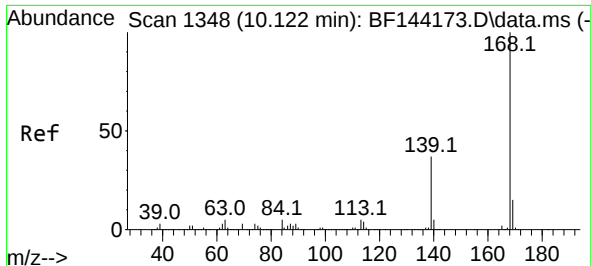
Tgt Ion:138	Resp:	85391
Ion Ratio	Lower	Upper
138	100	
108	9.5	7.5 11.3
92	110.3	91.8 137.6



#54
2,4-Dinitrophenol
Concen: 99.652 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:184	Resp:	129343
Ion Ratio	Lower	Upper
184	100	
63	56.3	44.0 66.0
154	49.8	42.4 63.6

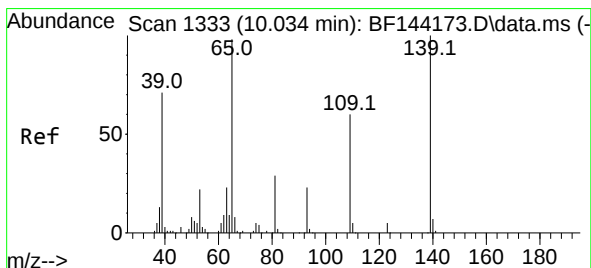
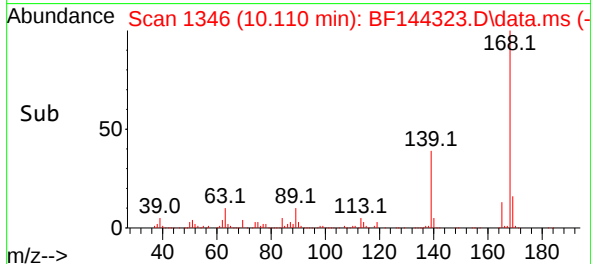
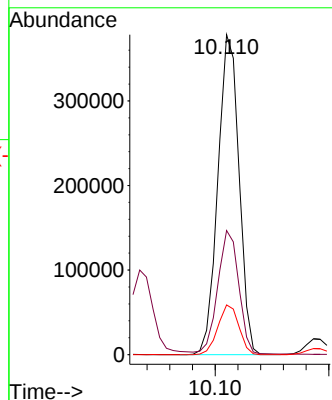
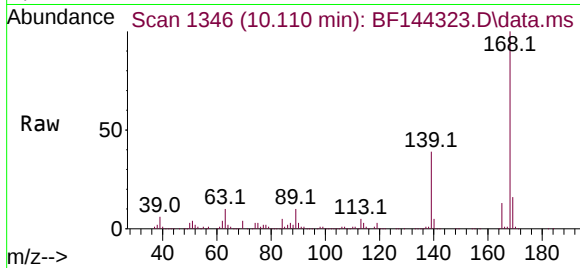




#55
Dibenzenofuran
Concen: 40.122 ng
RT: 10.110 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

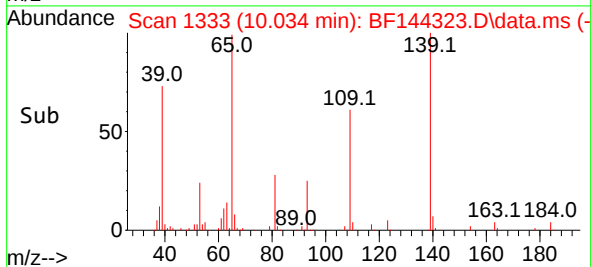
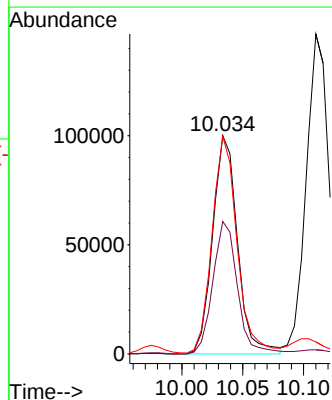
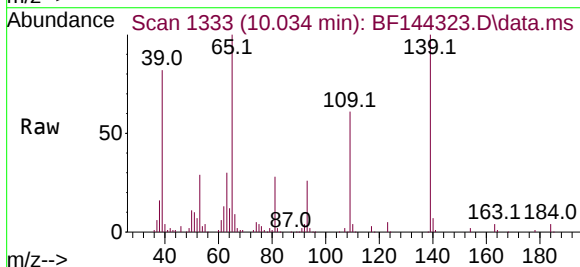
Instrument :
BNA_F
ClientSampleId :
PB170706BS

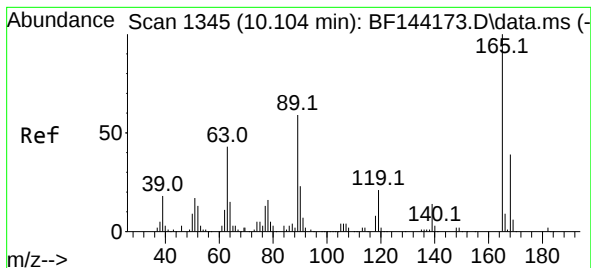
Tgt Ion:168 Resp: 488688
Ion Ratio Lower Upper
168 100
139 38.8 30.2 45.2
169 15.5 12.2 18.4



#56
4-Nitrophenol
Concen: 83.533 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:139 Resp: 141979
Ion Ratio Lower Upper
139 100
109 60.6 39.9 79.9
65 99.7 79.5 119.5

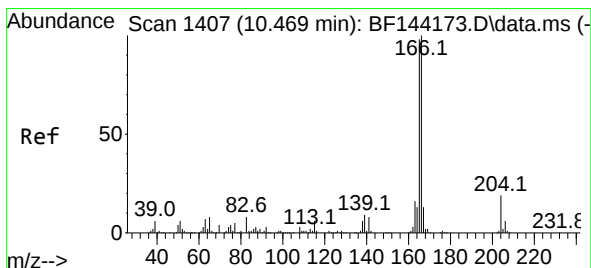
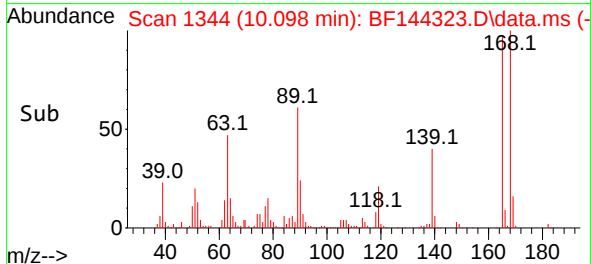
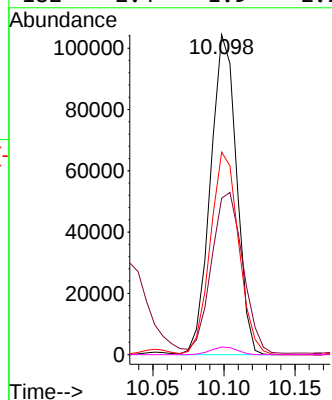
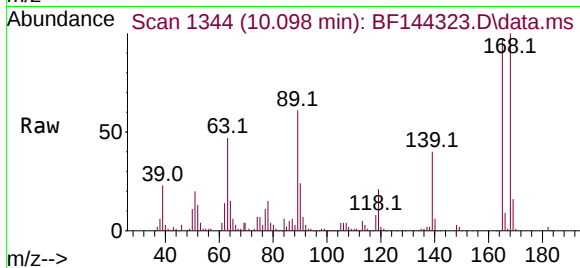




#57
2,4-Dinitrotoluene
Concen: 46.211 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

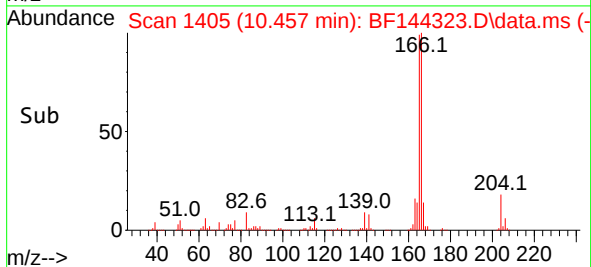
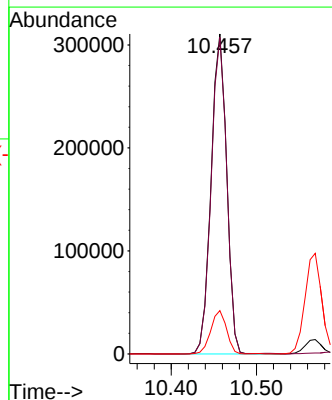
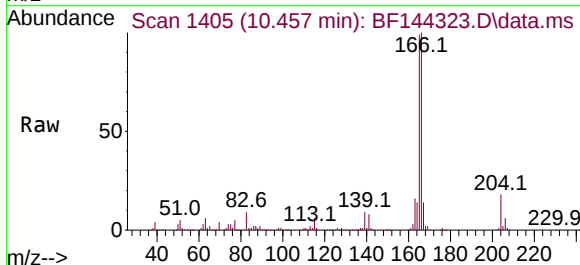
Instrument :
BNA_F
ClientSampleId :
PB170706BS

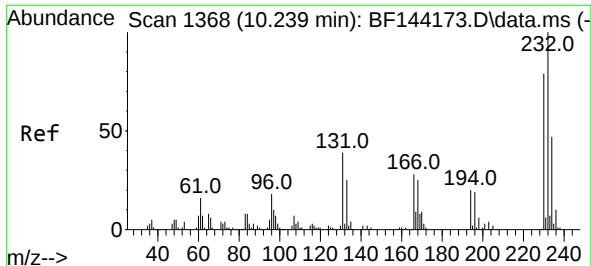
Tgt Ion:165 Resp: 132970
Ion Ratio Lower Upper
165 100
63 48.9 35.5 53.3
89 63.3 47.4 71.2
182 2.4 1.9 2.9



#58
Fluorene
Concen: 42.569 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:166 Resp: 394214
Ion Ratio Lower Upper
166 100
165 98.9 78.6 118.0
167 13.5 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.352 ng

RT: 10.234 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

Tgt Ion:232 Resp: 126365

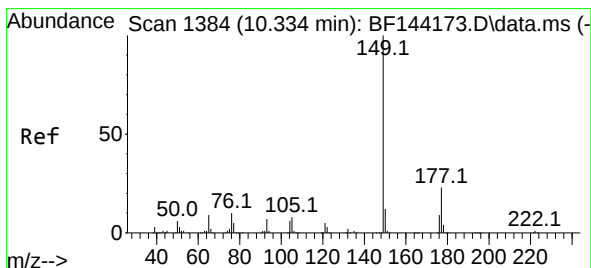
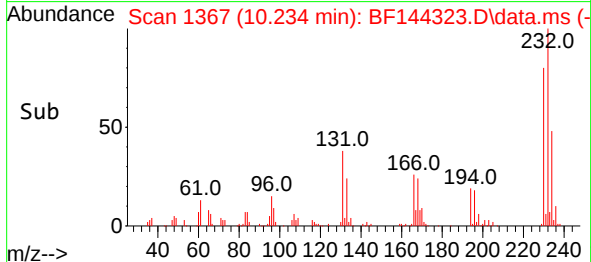
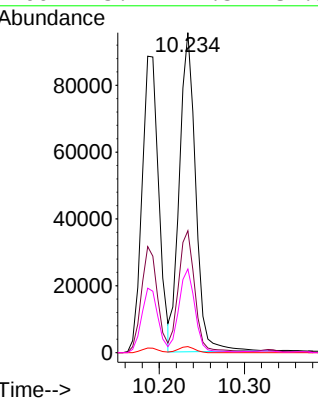
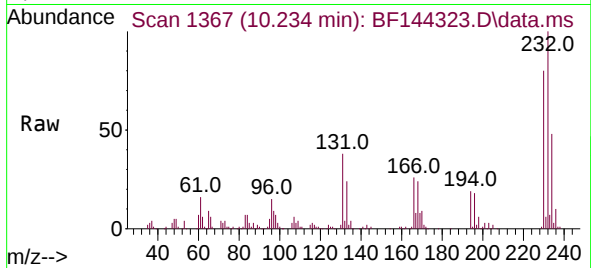
Ion Ratio Lower Upper

232 100

131 39.1 30.3 45.5

130 1.9 1.2 1.8#

166 25.2 21.5 32.3



#60

Diethylphthalate

Concen: 45.409 ng

RT: 10.328 min Scan# 1383

Delta R.T. 0.000 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

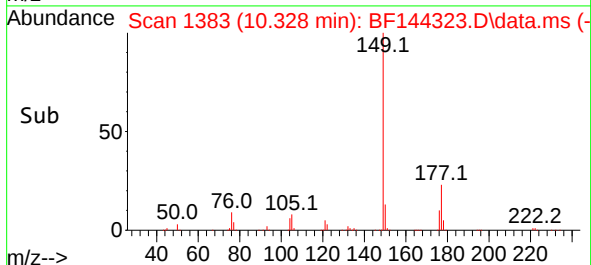
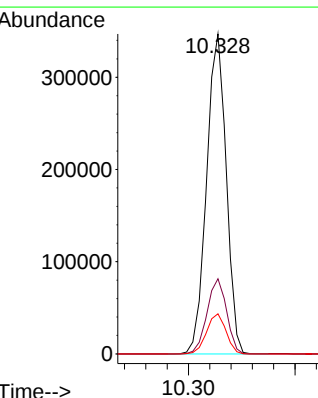
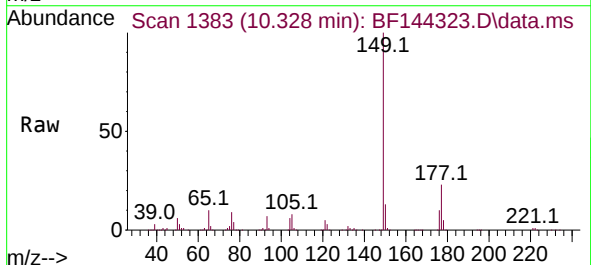
Tgt Ion:149 Resp: 444471

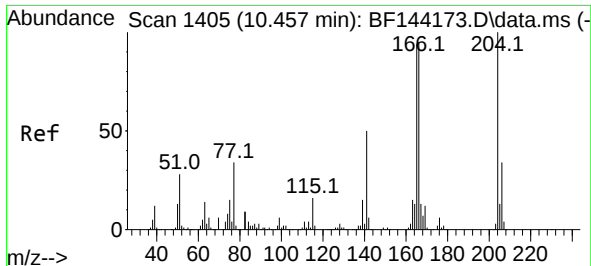
Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

150 12.5 9.8 14.6

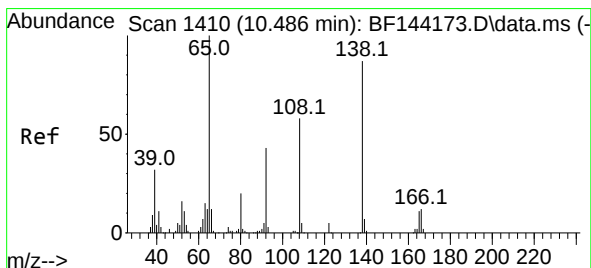
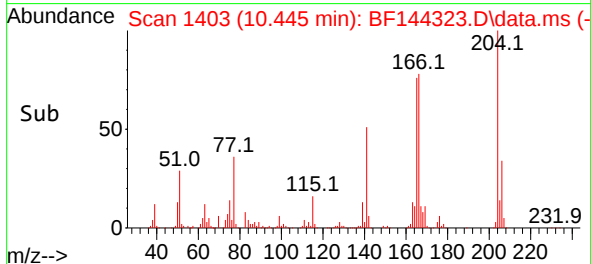
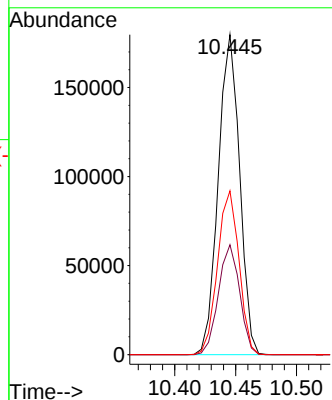
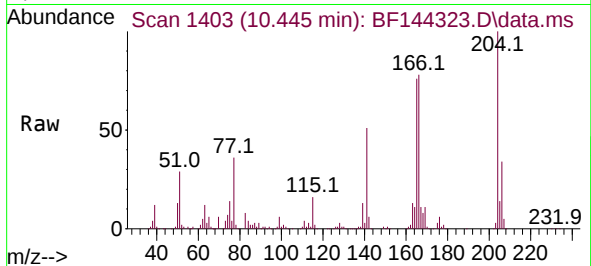




#61
4-Chlorophenyl-phenylether
Concen: 41.569 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

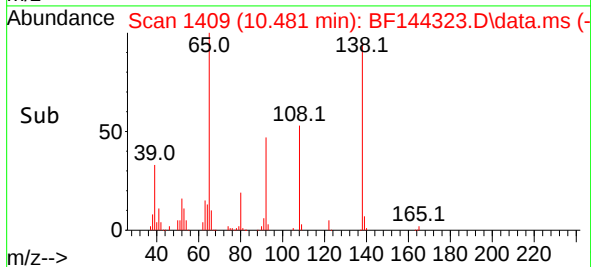
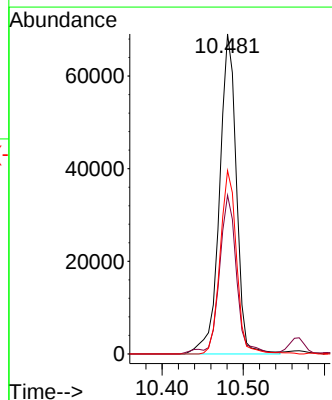
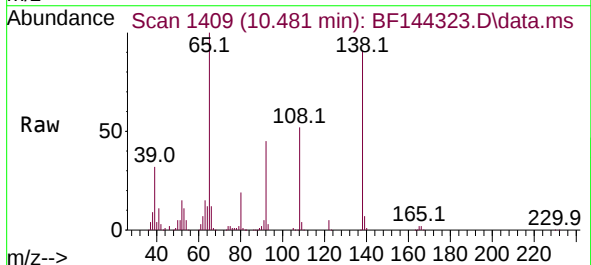
Instrument :
BNA_F
ClientSampleId :
PB170706BS

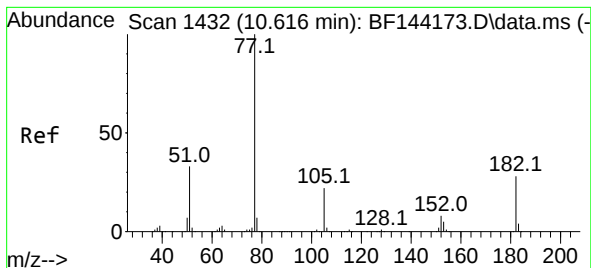
Tgt Ion:204 Resp: 219278
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 51.2 40.0 60.0



#62
4-Nitroaniline
Concen: 44.443 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:138 Resp: 99448
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 57.3 46.4 86.4





#63

Azobenzene

Concen: 46.574 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

Tgt Ion: 77 Resp: 424276

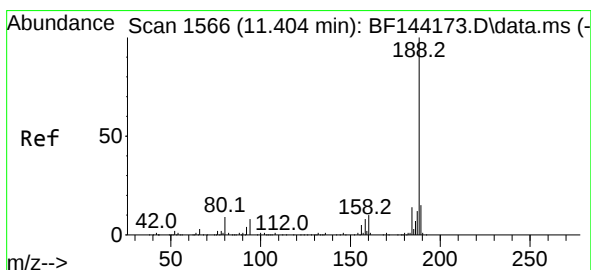
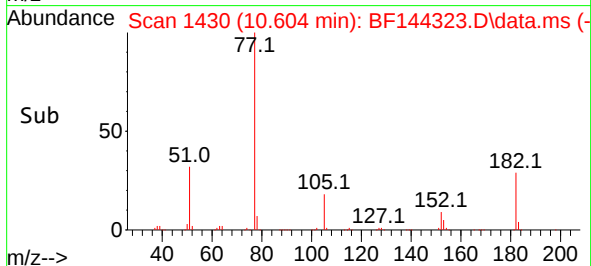
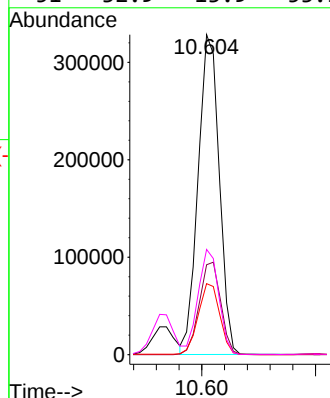
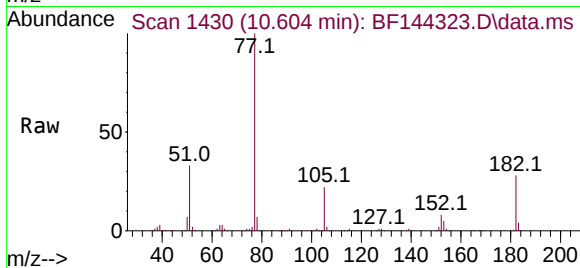
Ion Ratio Lower Upper

77 100

182 28.1 8.1 48.1

105 22.2 2.0 42.0

51 32.9 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

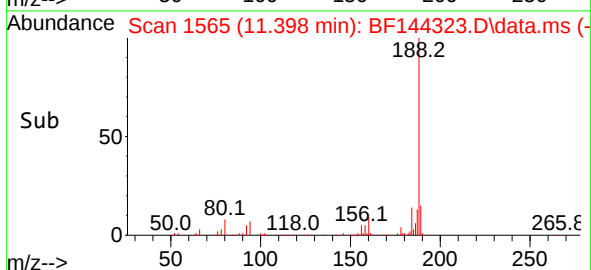
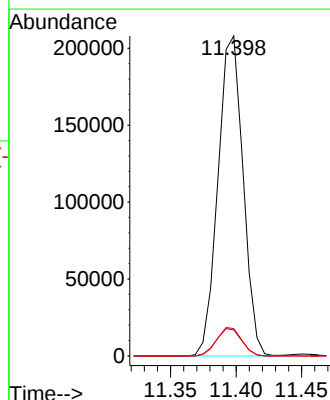
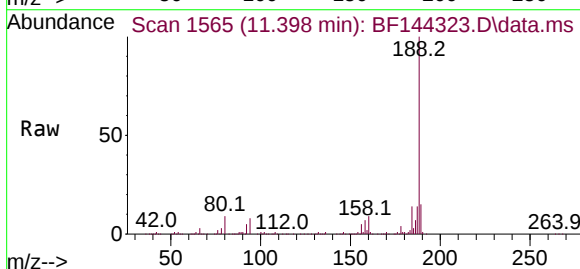
Tgt Ion: 188 Resp: 277232

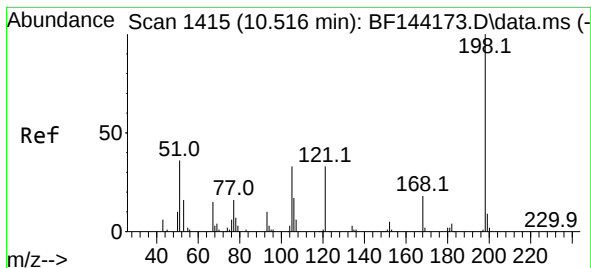
Ion Ratio Lower Upper

188 100

94 8.1 6.2 9.2

80 8.5 6.9 10.3

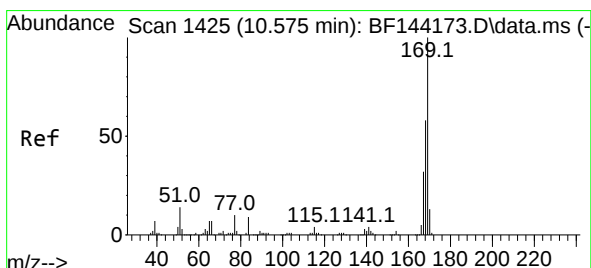
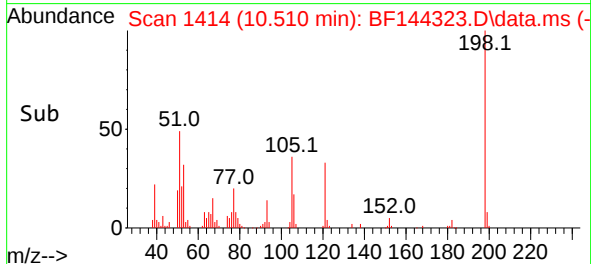
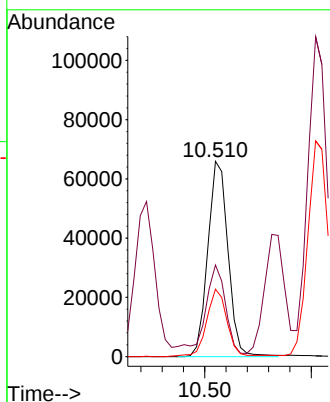
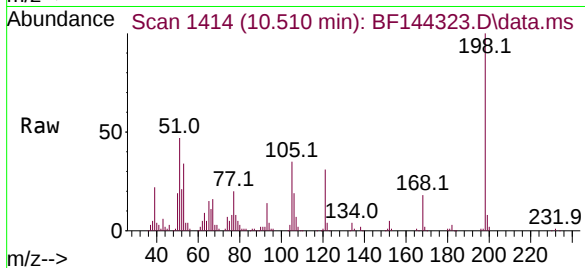




#65
4,6-Dinitro-2-methylphenol
Concen: 46.164 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

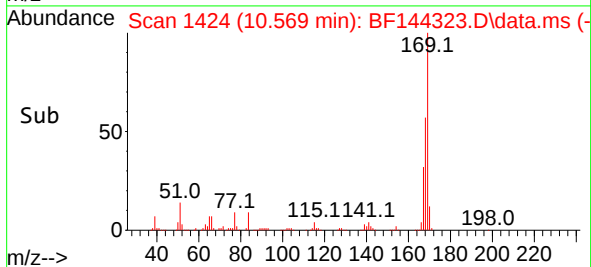
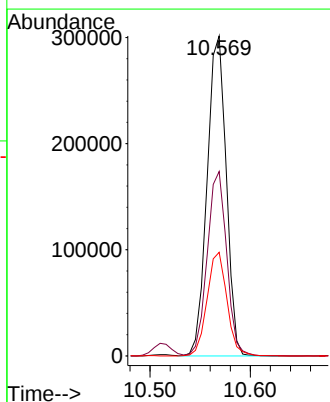
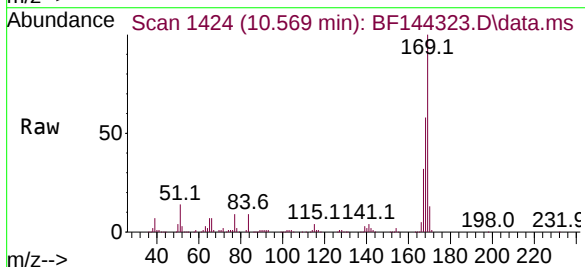
Instrument :
BNA_F
ClientSampleId :
PB170706BS

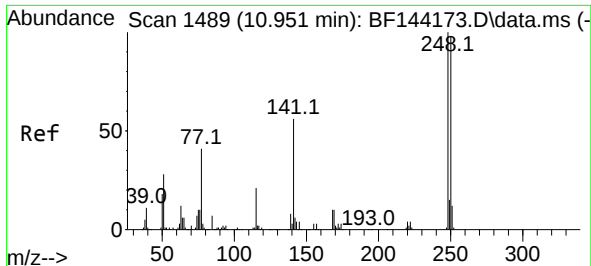
Tgt Ion:198 Resp: 86942
Ion Ratio Lower Upper
198 100
51 46.9 25.6 65.6
105 34.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.672 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:169 Resp: 398321
Ion Ratio Lower Upper
169 100
168 57.6 46.2 69.2
167 32.4 25.7 38.5

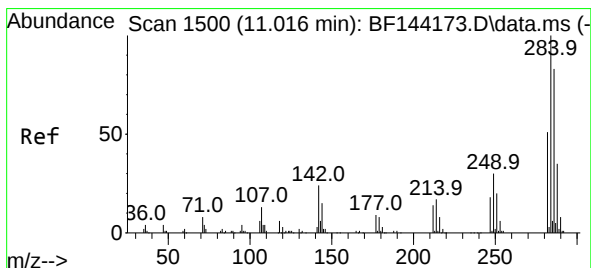
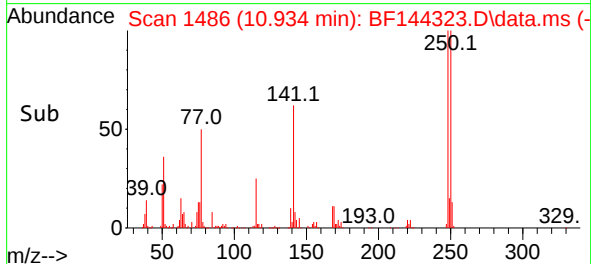
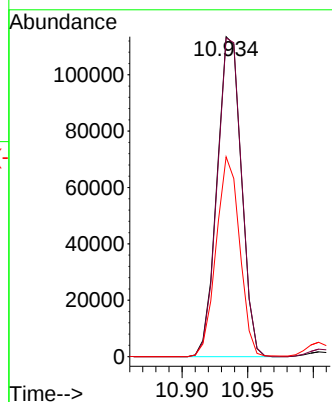
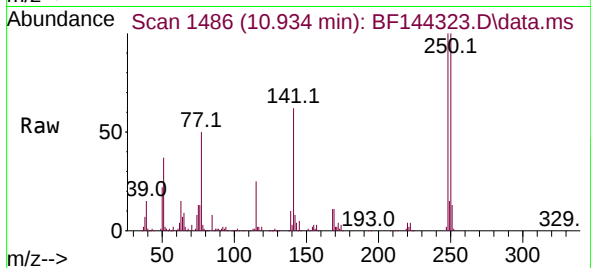




#67
4-Bromophenyl-phenylether
Concen: 41.541 ng
RT: 10.934 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

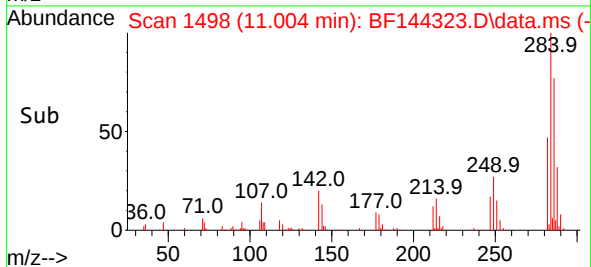
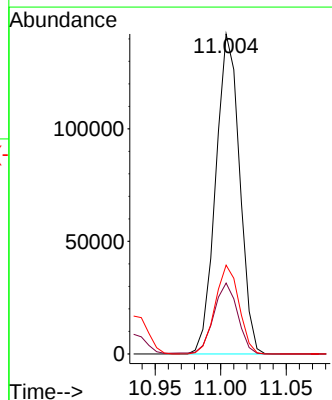
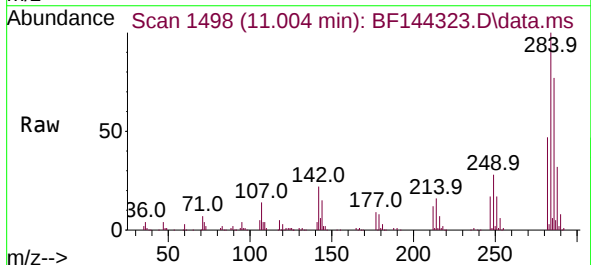
Instrument :
BNA_F
ClientSampleId :
PB170706BS

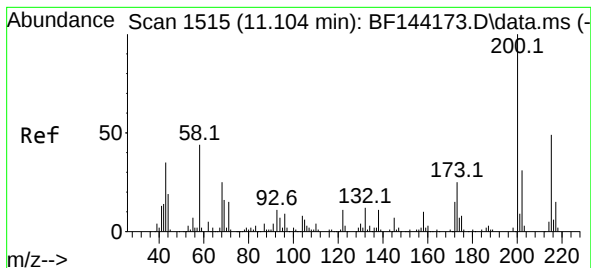
Tgt Ion:248 Resp: 146997
Ion Ratio Lower Upper
248 100
250 99.6 78.4 117.6
141 62.4 45.1 67.7



#68
Hexachlorobenzene
Concen: 43.246 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:284 Resp: 180248
Ion Ratio Lower Upper
284 100
142 22.1 19.2 28.8
249 27.7 23.8 35.8





#69

Atrazine

Concen: 47.036 ng

RT: 11.092 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

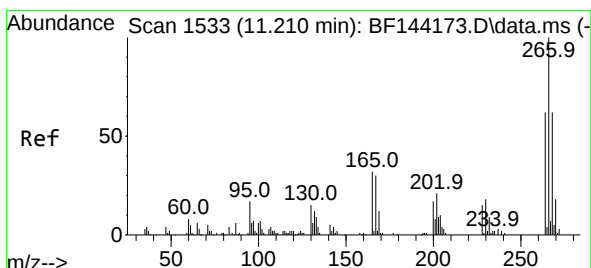
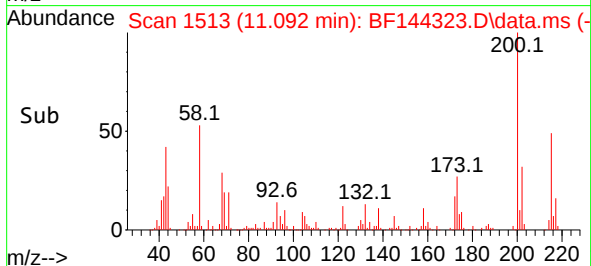
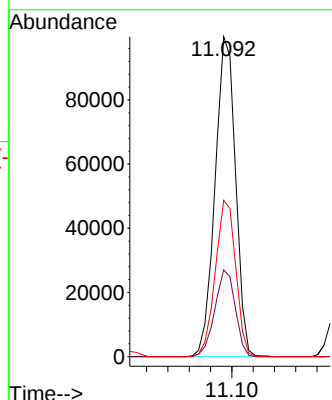
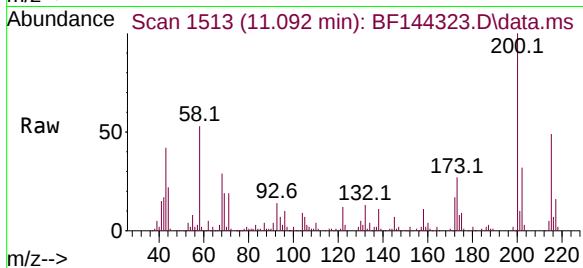
Tgt Ion:200 Resp: 133379

Ion Ratio Lower Upper

200 100

173 27.1 5.0 45.0

215 48.8 28.7 68.7



#70

Pentachlorophenol

Concen: 91.557 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

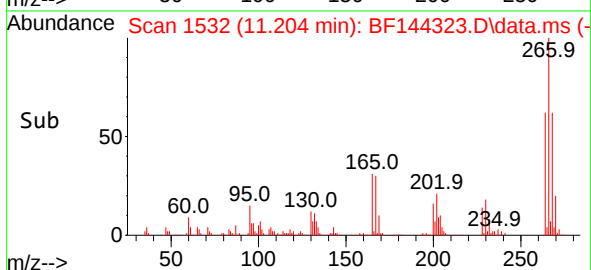
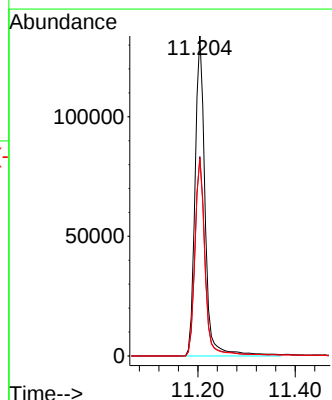
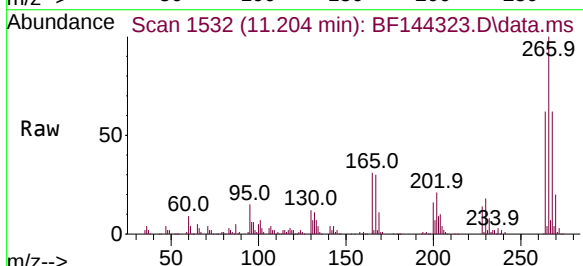
Tgt Ion:266 Resp: 190028

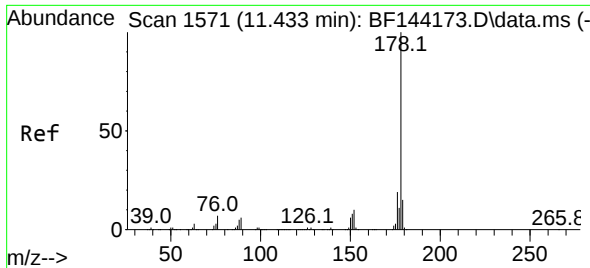
Ion Ratio Lower Upper

266 100

268 62.3 49.5 74.3

264 61.6 49.4 74.2

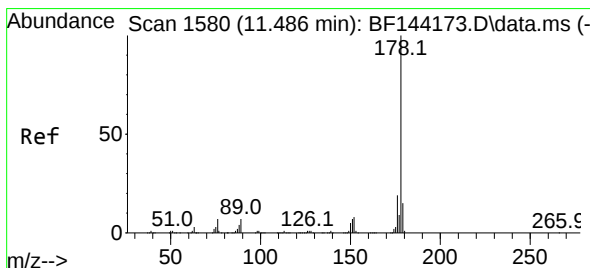
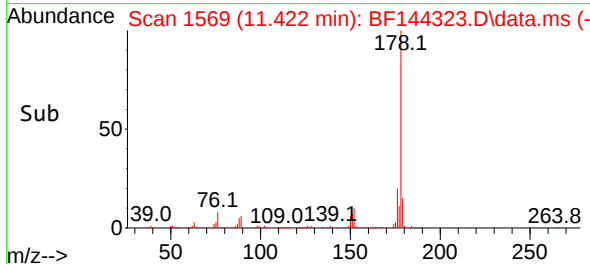
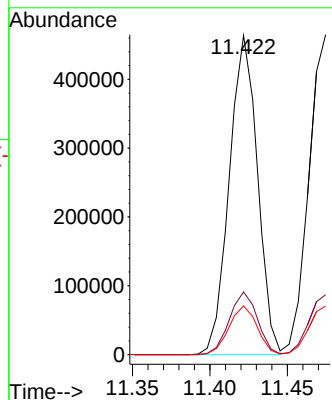
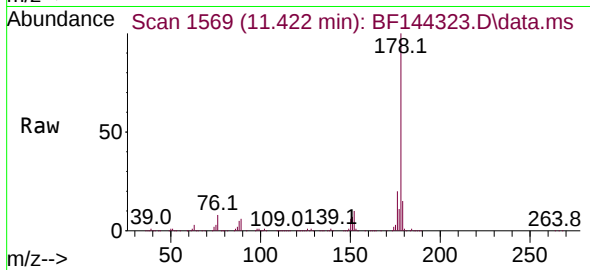




#71
Phenanthrene
Concen: 42.526 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

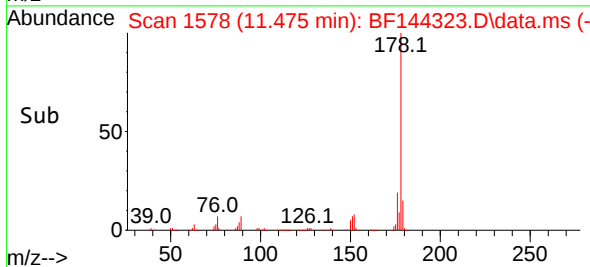
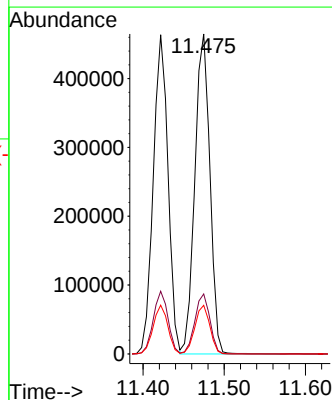
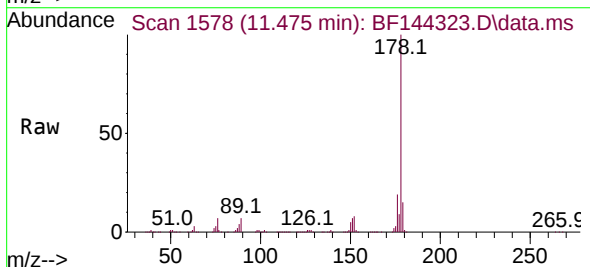
Instrument :
BNA_F
ClientSampleId :
PB170706BS

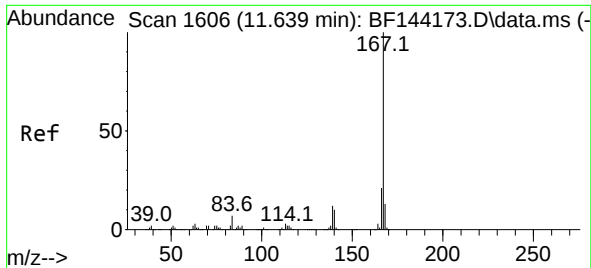
Tgt Ion:178 Resp: 586979
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 42.488 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:178 Resp: 596334
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.2 12.0 18.0

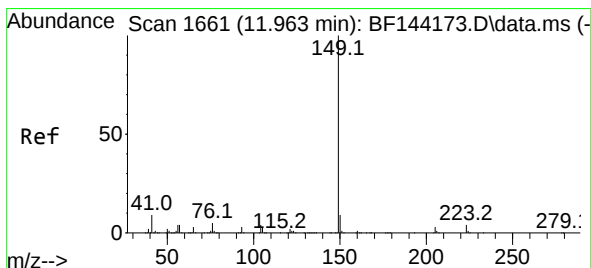
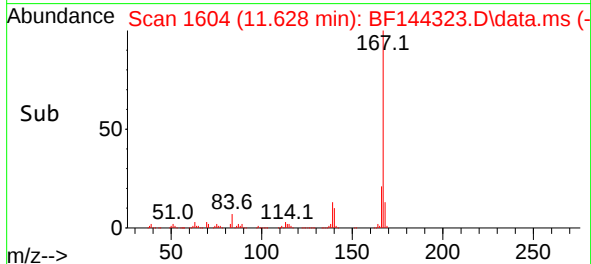
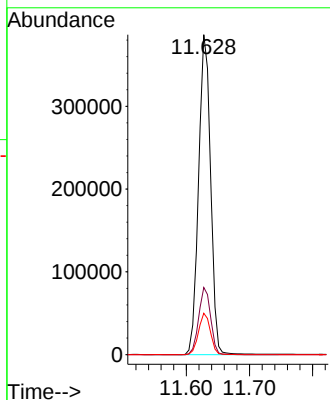
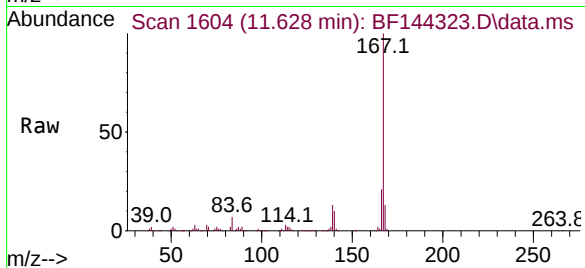




#73
Carbazole
Concen: 42.774 ng
RT: 11.628 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

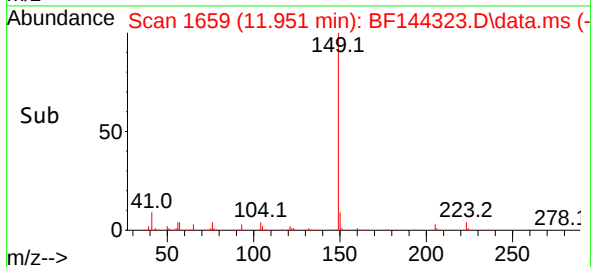
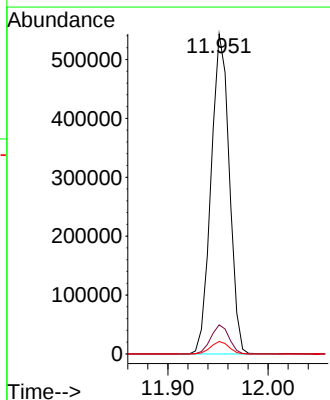
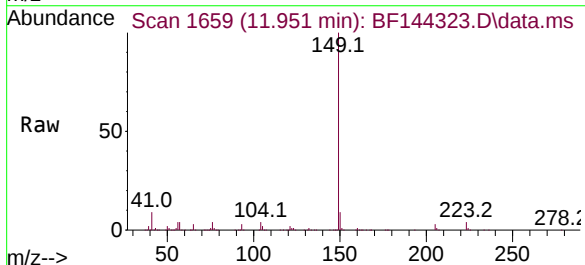
Instrument :
BNA_F
ClientSampleId :
PB170706BS

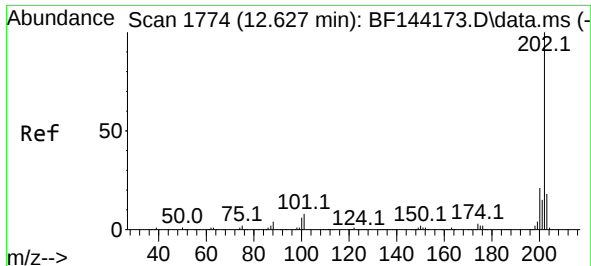
Tgt Ion:167 Resp: 510489
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 12.9 9.9 14.9



#74
Di-n-butylphthalate
Concen: 47.686 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:149 Resp: 688000
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 3.9 3.4 5.2

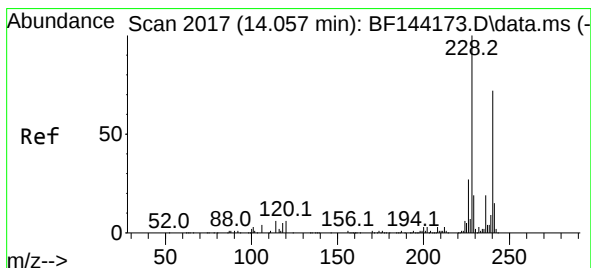
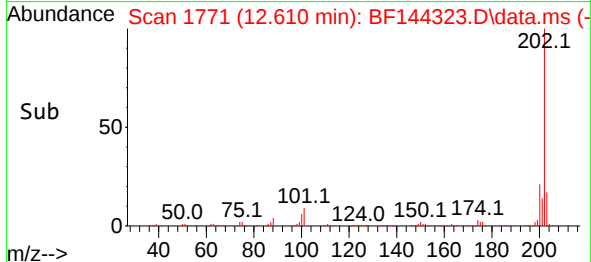
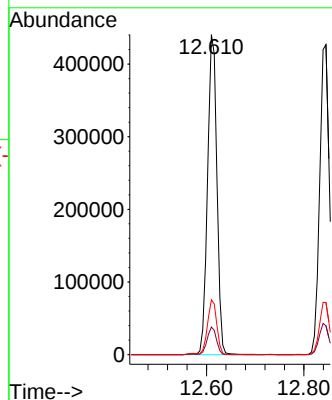
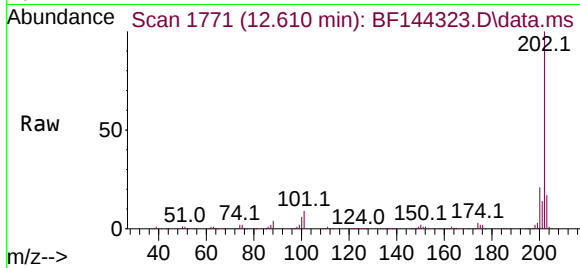




#75
Fluoranthene
Concen: 41.342 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

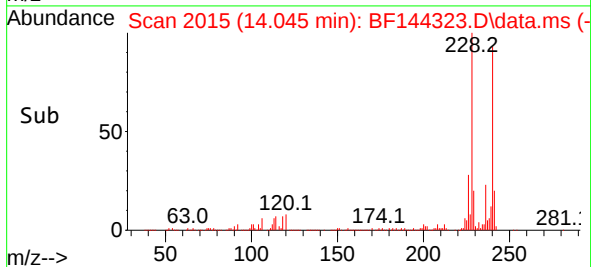
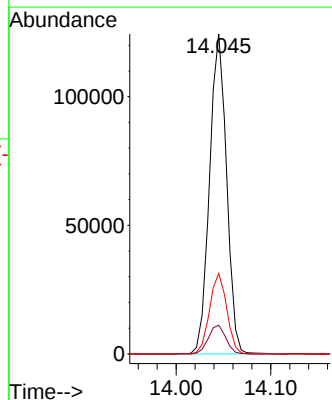
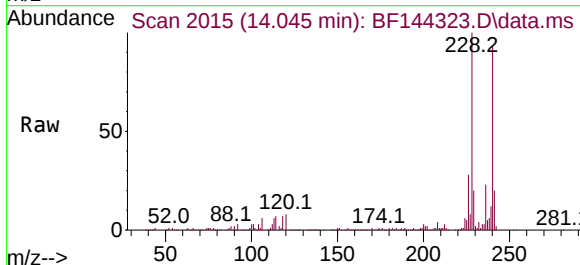
Instrument :
BNA_F
ClientSampleId :
PB170706BS

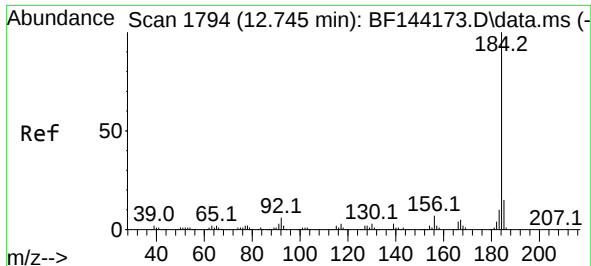
Tgt Ion:202 Resp: 589480
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.9
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:240 Resp: 155486
Ion Ratio Lower Upper
240 100
120 9.0 6.6 10.0
236 25.1 21.4 32.2

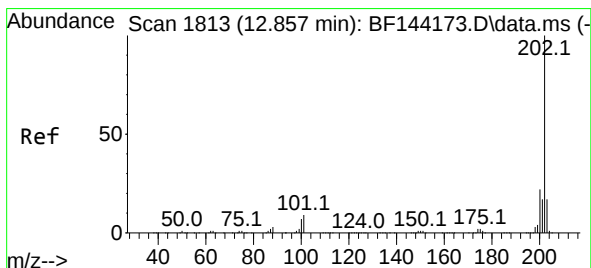
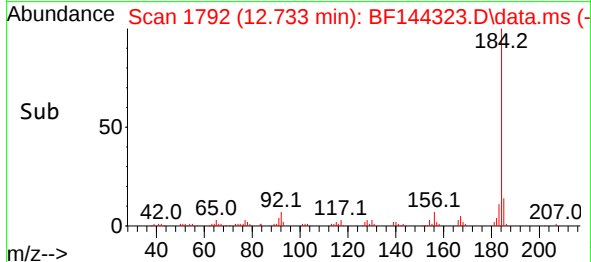
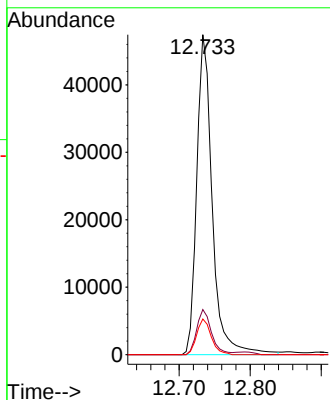
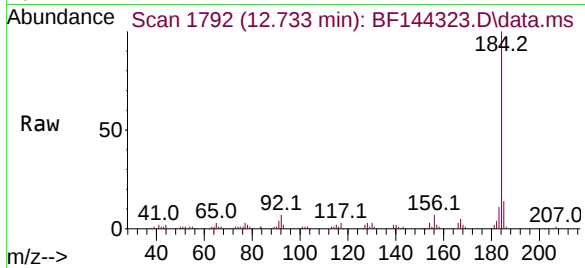




#77
Benzidine
Concen: 15.543 ng
RT: 12.733 min Scan# 1792
Delta R.T. -0.017 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

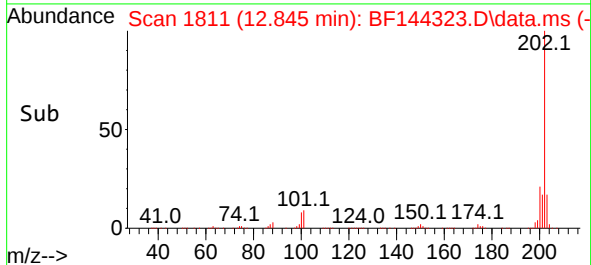
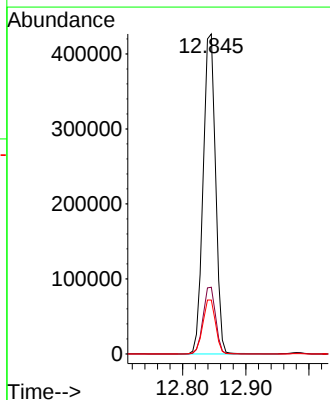
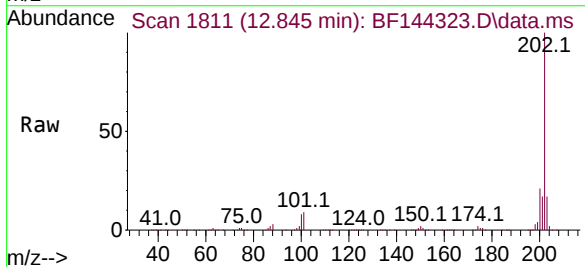
Instrument :
BNA_F
ClientSampleId :
PB170706BS

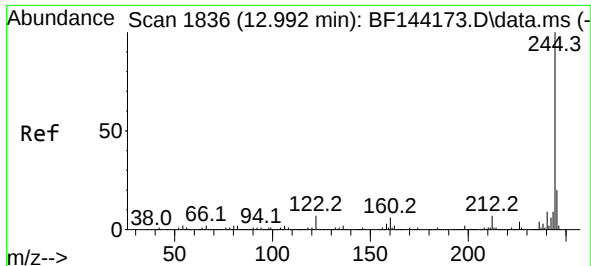
Tgt Ion:184 Resp: 71483
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.2 8.3 12.5



#78
Pyrene
Concen: 46.262 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:202 Resp: 579970
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 16.8 13.7 20.5

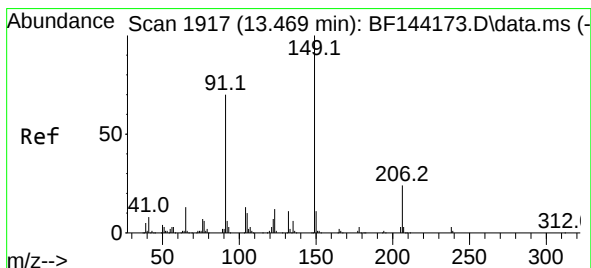
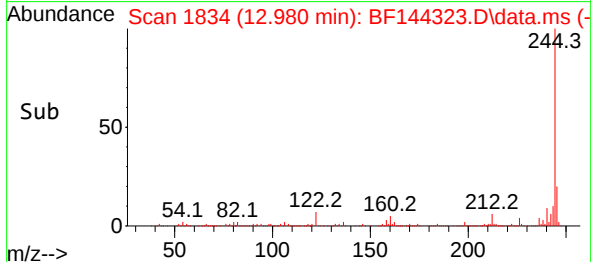
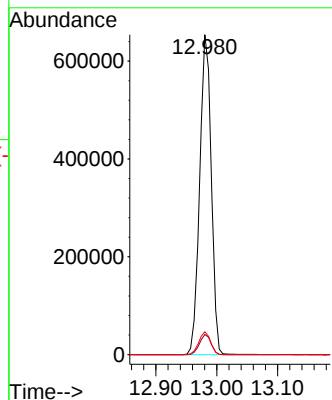
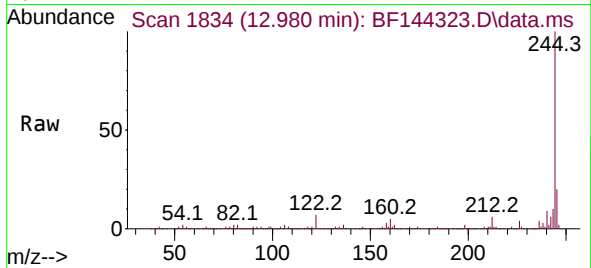




#79
 Terphenyl-d14
 Concen: 88.103 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144323.D
 Acq: 24 Nov 2025 14:40

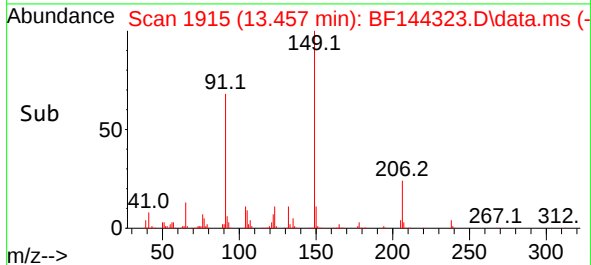
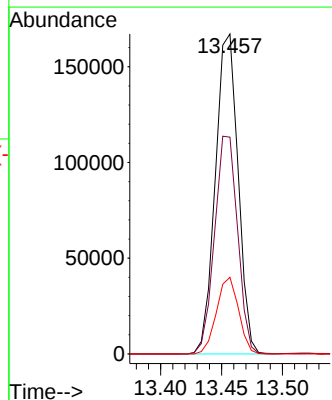
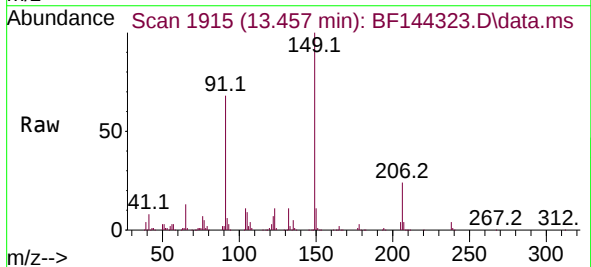
Instrument :
 BNA_F
 ClientSampleId :
 PB170706BS

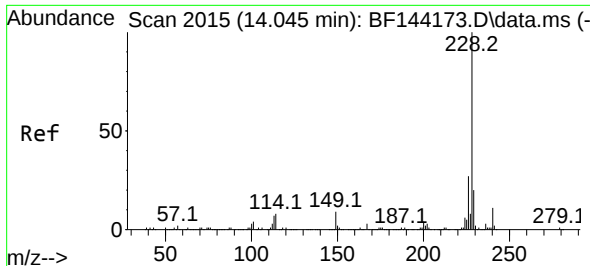
Tgt Ion:244 Resp: 862419
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 7.1 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 50.095 ng
 RT: 13.457 min Scan# 1915
 Delta R.T. -0.012 min
 Lab File: BF144323.D
 Acq: 24 Nov 2025 14:40

Tgt Ion:149 Resp: 217666
 Ion Ratio Lower Upper
 149 100
 91 67.7 56.1 84.1
 206 23.9 18.8 28.2

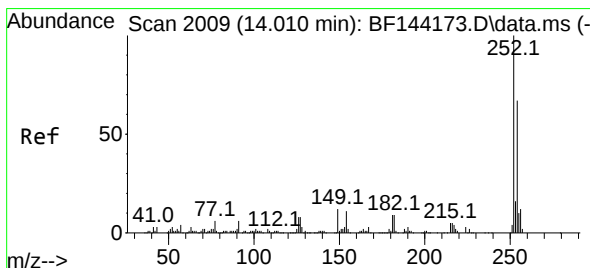
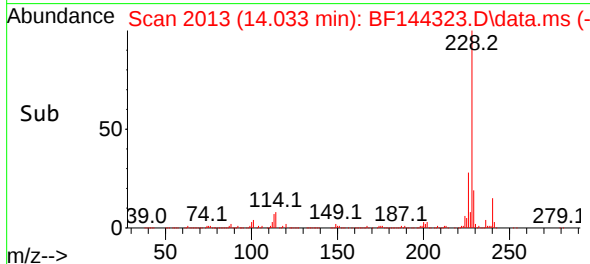
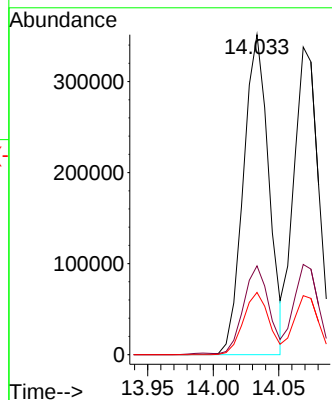
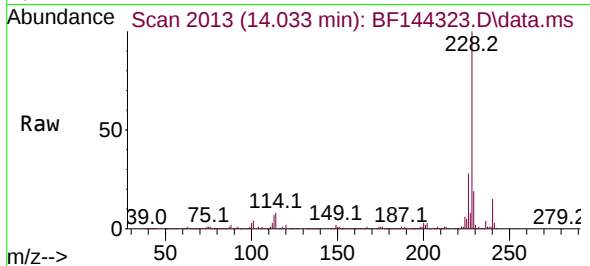




#81
Benzo(a)anthracene
Concen: 44.074 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

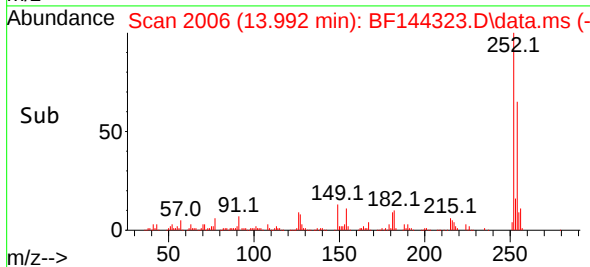
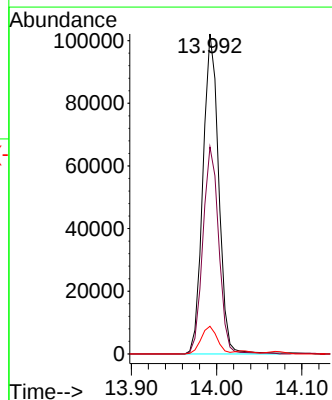
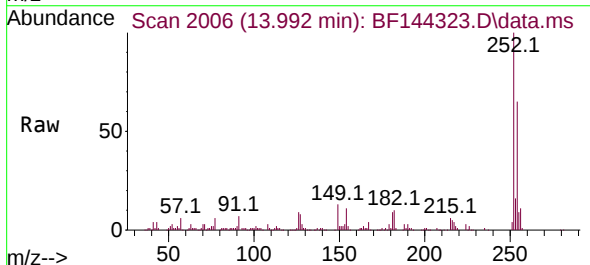
Instrument :
BNA_F
ClientSampleId :
PB170706BS

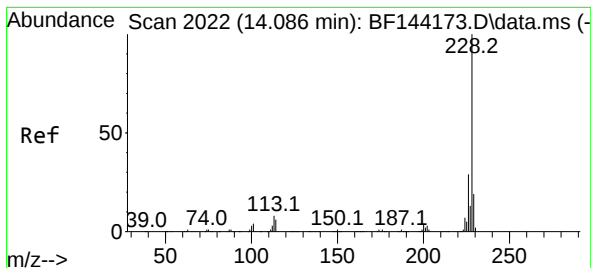
Tgt Ion:228 Resp: 474957
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.575 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.017 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:252 Resp: 131409
Ion Ratio Lower Upper
252 100
254 64.7 53.5 80.3
126 8.6 6.4 9.6





#83

Chrysene

Concen: 44.196 ng

RT: 14.069 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

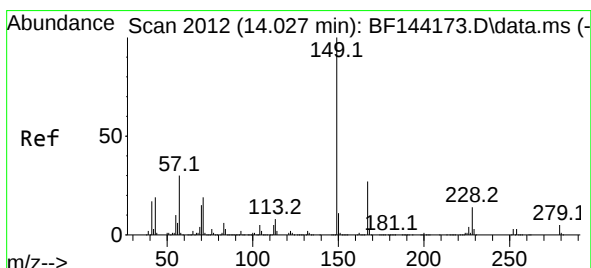
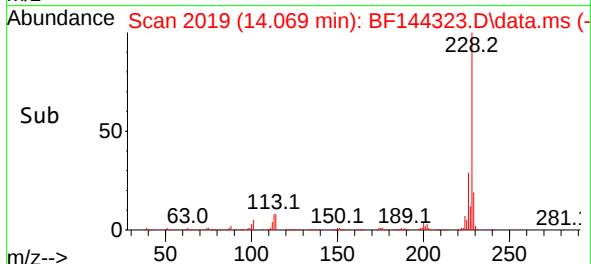
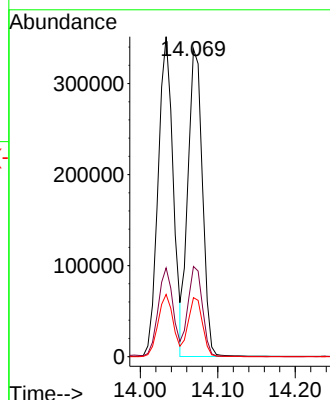
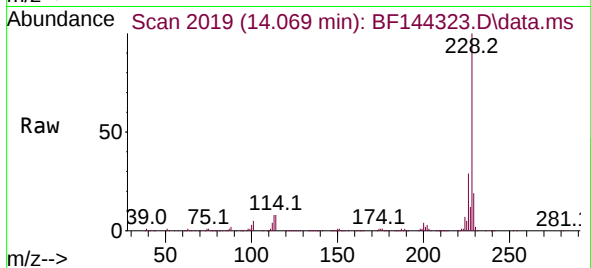
Tgt Ion:228 Resp: 439666

Ion Ratio Lower Upper

228 100

226 29.3 22.9 34.3

229 19.2 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.832 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

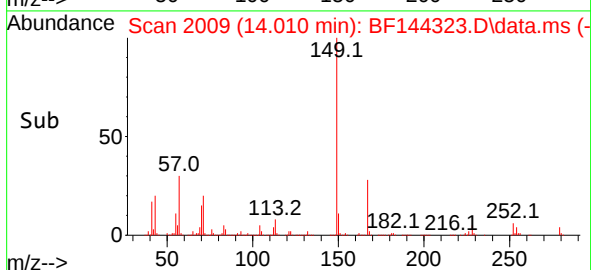
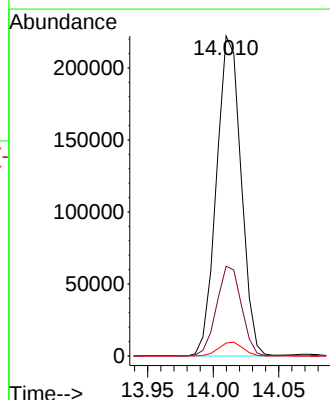
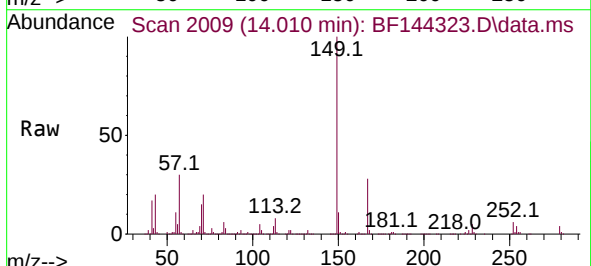
Tgt Ion:149 Resp: 290458

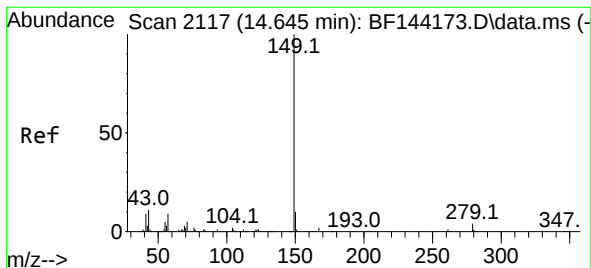
Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.8

279 4.0 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 47.912 ng

RT: 14.627 min Scan# 2114

Delta R.T. -0.017 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

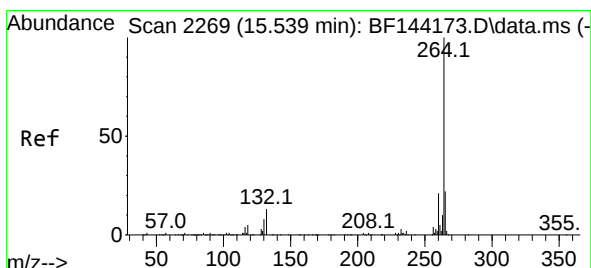
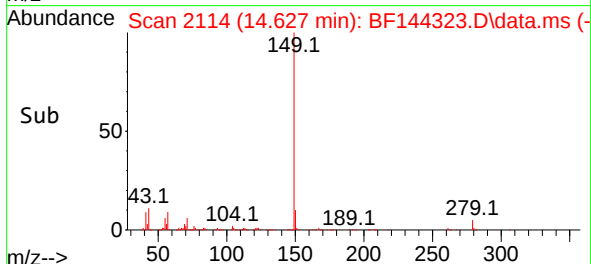
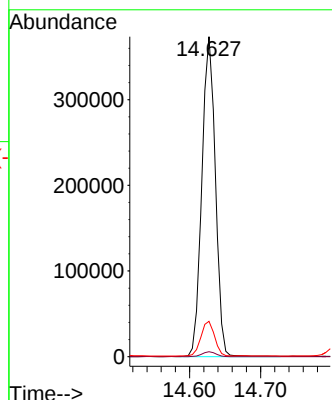
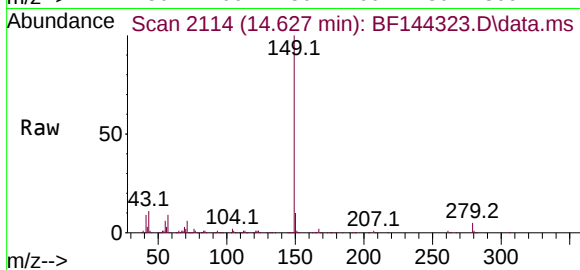
Tgt Ion:149 Resp: 491700

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

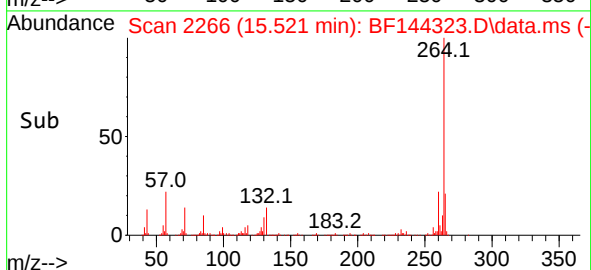
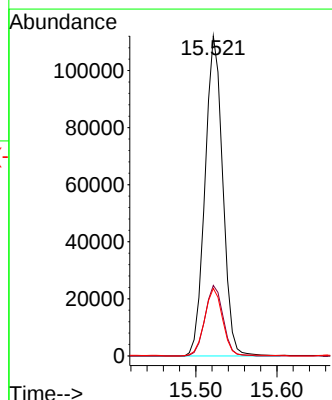
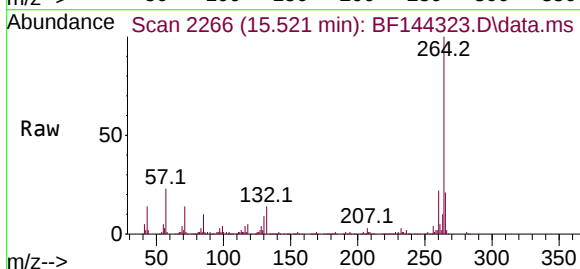
Tgt Ion:264 Resp: 170453

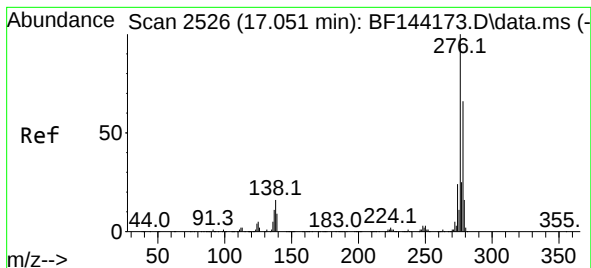
Ion Ratio Lower Upper

264 100

260 22.0 17.1 25.7

265 21.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.415 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB170706BS

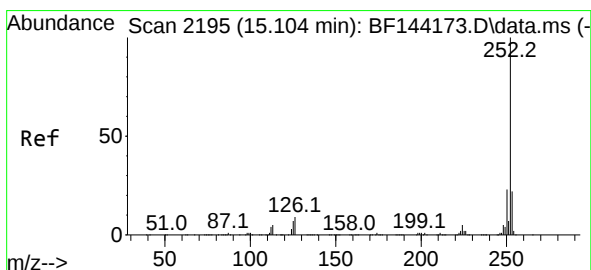
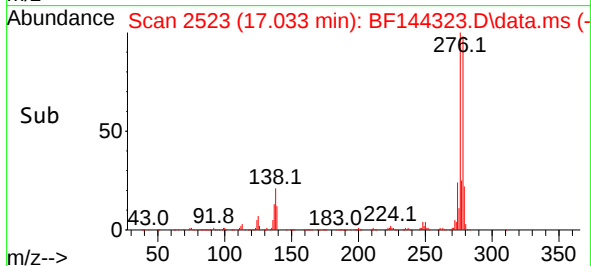
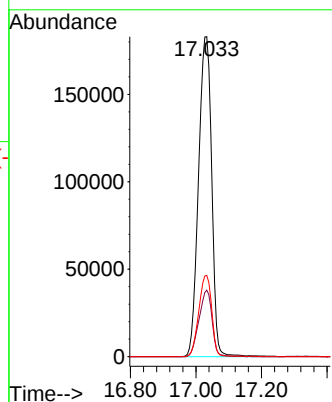
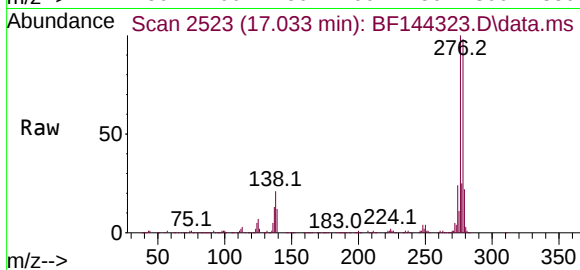
Tgt Ion:276 Resp: 506751

Ion Ratio Lower Upper

276 100

138 20.5 13.9 20.9

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 50.578 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144323.D

Acq: 24 Nov 2025 14:40

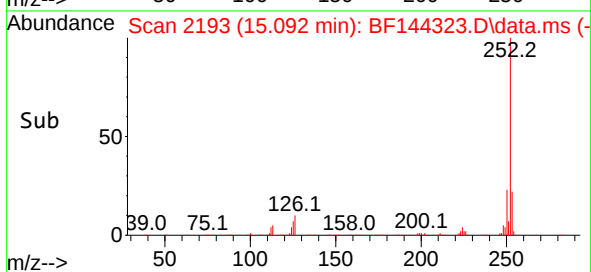
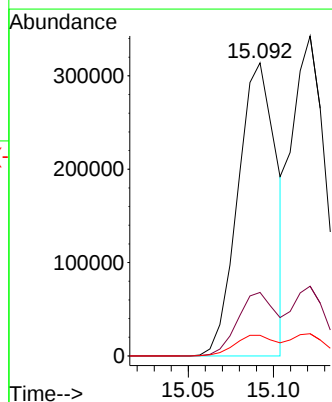
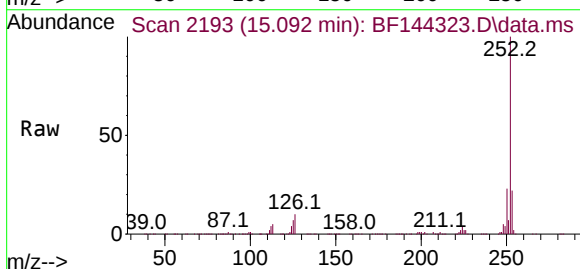
Tgt Ion:252 Resp: 490130

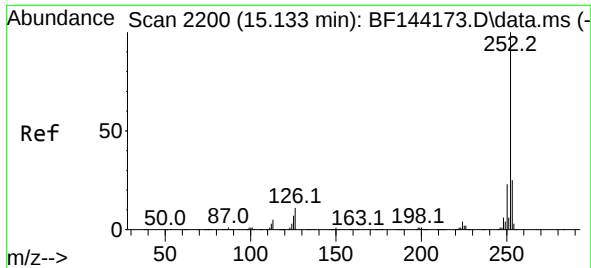
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 7.0 5.3 7.9

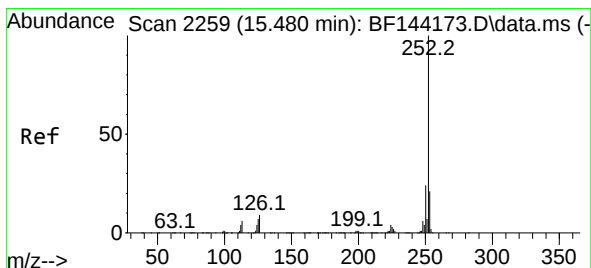
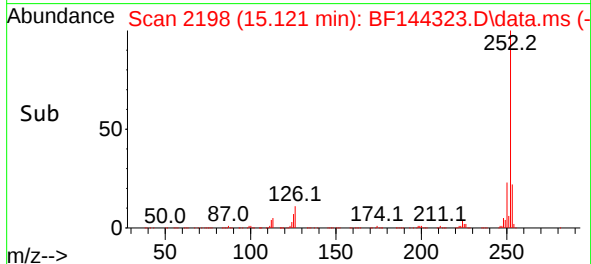
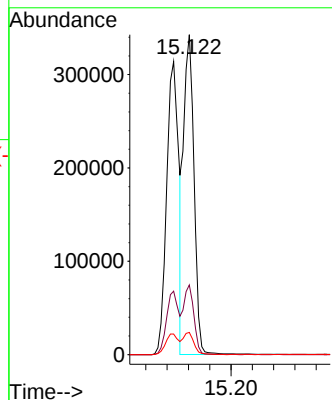
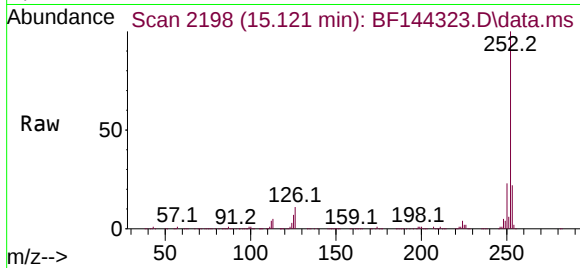




#89
Benzo(k)fluoranthene
Concen: 51.698 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

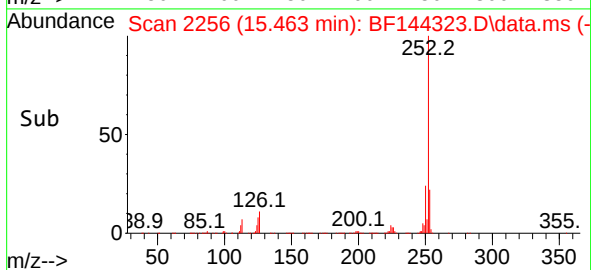
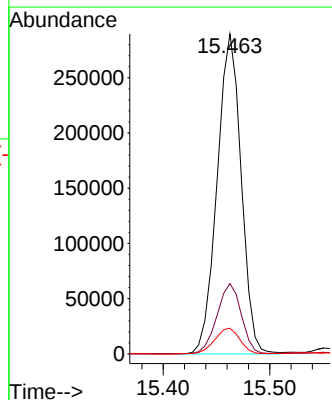
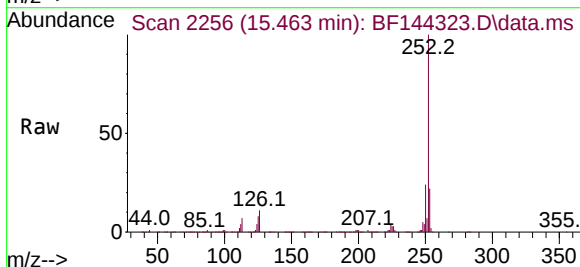
Instrument :
BNA_F
ClientSampleId :
PB170706BS

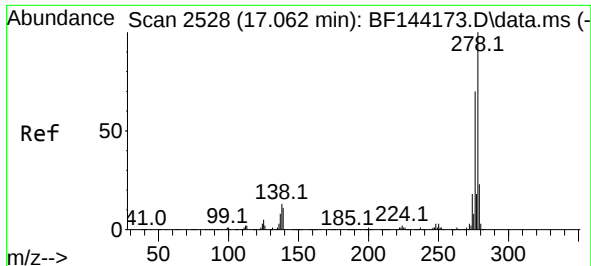
Tgt Ion:252 Resp: 468920
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 6.9 5.4 8.2



#90
Benzo(a)pyrene
Concen: 50.902 ng
RT: 15.463 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:252 Resp: 455062
Ion Ratio Lower Upper
252 100
253 22.0 16.7 25.1
125 8.0 5.7 8.5

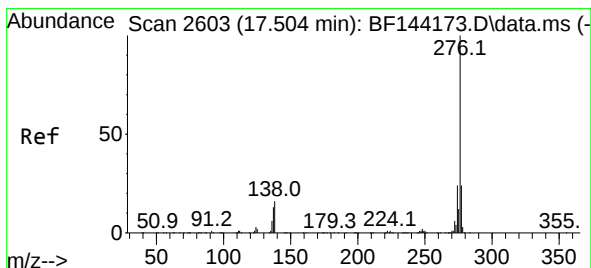
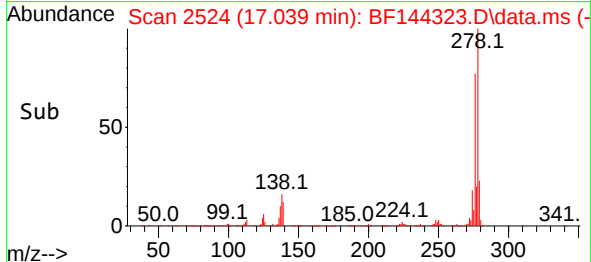
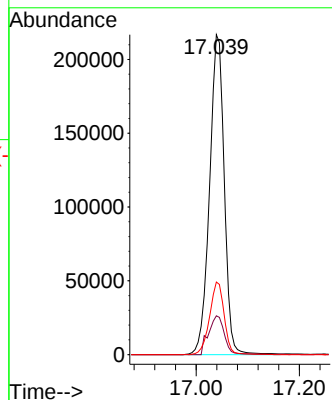
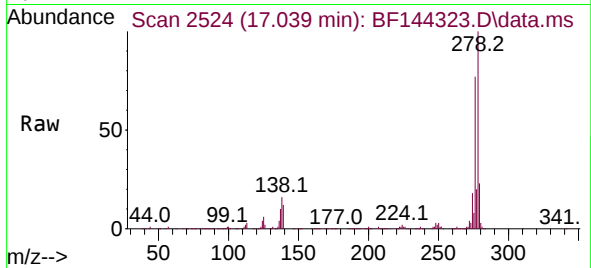




#91
Dibenzo(a,h)anthracene
Concen: 43.662 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Instrument :
BNA_F
ClientSampleId :
PB170706BS

Tgt Ion:278 Resp: 429048
Ion Ratio Lower Upper
278 100
139 12.1 9.1 13.7
279 22.7 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 41.504 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144323.D
Acq: 24 Nov 2025 14:40

Tgt Ion:276 Resp: 402757
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 17.9 12.9 19.3

