

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142418.D
 Acq On : 16 May 2025 10:43
 Operator : RC/JU
 Sample : PB168000BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168000BS

Quant Time: May 16 12:00:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	174819	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	668409	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	358648	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	610277	20.000	ng	0.00
76) Chrysene-d12	14.068	240	344602	20.000	ng	0.00
86) Perylene-d12	15.562	264	361352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1179558	115.182	ng	0.02
7) Phenol-d6	6.534	99	1435484	113.968	ng	0.01
23) Nitrobenzene-d5	7.469	82	885171	80.765	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	476281	137.547	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1806890	71.837	ng	0.00
79) Terphenyl-d14	13.015	244	1732629	74.418	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	140624	30.493	ng	99
3) Pyridine	3.534	79	399451	36.893	ng	98
4) n-Nitrosodimethylamine	3.493	42	230893	36.692	ng	97
6) Aniline	6.569	93	517267	41.869	ng	99
8) 2-Chlorophenol	6.686	128	460054	42.039	ng	99
9) Benzaldehyde	6.451	77	278725	37.810	ng	99
10) Phenol	6.545	94	562888	42.160	ng	93
11) bis(2-Chloroethyl)ether	6.639	93	429356	32.610	ng	98
12) 1,3-Dichlorobenzene	6.845	146	487594	38.946	ng	98
13) 1,4-Dichlorobenzene	6.922	146	494121	39.308	ng	99
14) 1,2-Dichlorobenzene	7.075	146	471116	39.045	ng	98
15) Benzyl Alcohol	7.045	79	370842	45.469	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	715071	36.369	ng	98
17) 2-Methylphenol	7.151	107	360224	40.658	ng	99
18) Hexachloroethane	7.416	117	172317	41.200	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	302296	38.800	ng	98
20) 3+4-Methylphenols	7.304	107	443224	40.084	ng	93
22) Acetophenone	7.310	105	586580	39.469	ng	94
24) Nitrobenzene	7.486	77	448256	43.389	ng	97
25) Isophorone	7.722	82	834329	40.201	ng	99
26) 2-Nitrophenol	7.798	139	247521	49.562	ng	99
27) 2,4-Dimethylphenol	7.833	122	435661	41.752	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	521019	39.042	ng	100
29) 2,4-Dichlorophenol	8.039	162	385692	43.477	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	412320	41.299	ng	99
31) Naphthalene	8.210	128	1297671	40.058	ng	100
32) Benzoic acid	7.951	122	291172	51.045	ng	99
33) 4-Chloroaniline	8.251	127	121269	9.174	ng	98
34) Hexachlorobutadiene	8.322	225	243783	41.236	ng	98
35) Caprolactam	8.622	113	73901	28.583	ng	94
36) 4-Chloro-3-methylphenol	8.733	107	390439	42.339	ng	99
37) 2-Methylnaphthalene	8.898	142	809310	40.205	ng	98
38) 1-Methylnaphthalene	8.998	142	835112	39.804	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	409760	40.908	ng	98
41) Hexachlorocyclopentadiene	9.051	237	562008	90.785	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	285809	45.236	ng	100

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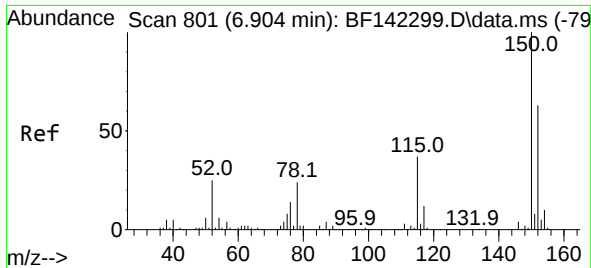
Quant Time: May 16 12:00:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	302375	44.979	ng	99
46) 1,1'-Biphenyl	9.363	154	1099242	39.974	ng	99
47) 2-Chloronaphthalene	9.386	162	817271	39.964	ng	99
48) 2-Nitroaniline	9.480	65	250800	47.846	ng	95
49) Acenaphthylene	9.804	152	1366081	39.931	ng	99
50) Dimethylphthalate	9.663	163	954219	41.434	ng	100
51) 2,6-Dinitrotoluene	9.722	165	212630	49.325	ng	92
52) Acenaphthene	9.975	154	925389	44.987	ng	99
53) 3-Nitroaniline	9.892	138	129278	25.571	ng	92
54) 2,4-Dinitrophenol	9.998	184	260837	112.243	ng #	1
55) Dibenzofuran	10.151	168	1203834	39.654	ng	100
56) 4-Nitrophenol	10.051	139	379108	99.633	ng	97
57) 2,4-Dinitrotoluene	10.127	165	289718	52.395	ng	96
58) Fluorene	10.492	166	923244	39.850	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	254716	45.898	ng	99
60) Diethylphthalate	10.363	149	928901	40.389	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	447520	40.037	ng	98
62) 4-Nitroaniline	10.510	138	221459	55.268	ng	99
63) Azobenzene	10.645	77	848301	38.599	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	158107	54.443	ng	96
66) n-Nitrosodiphenylamine	10.604	169	819284	40.344	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	286907	41.482	ng	97
68) Hexachlorobenzene	11.039	284	324064	42.595	ng	96
69) Atrazine	11.127	200	247665	46.265	ng	100
70) Pentachlorophenol	11.233	266	389996	97.442	ng	98
71) Phenanthrene	11.457	178	1287589	40.251	ng	100
72) Anthracene	11.510	178	1313620	39.965	ng	100
73) Carbazole	11.657	167	1215031	41.203	ng	100
74) Di-n-butylphthalate	11.986	149	1351382	43.581	ng	100
75) Fluoranthene	12.645	202	1281209	40.066	ng	99
77) Benzidine	12.763	184	463926	74.081	ng	97
78) Pyrene	12.874	202	1267609	41.327	ng	100
80) Butylbenzylphthalate	13.486	149	399980	44.936	ng	99
81) Benzo(a)anthracene	14.057	228	960705	43.048	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	181087	34.893	ng	99
83) Chrysene	14.098	228	822280	39.580	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	505347	43.761	ng	100
85) Di-n-octyl phthalate	14.662	149	936824	45.133	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1056699	42.038	ng	98
88) Benzo(b)fluoranthene	15.121	252	943574	43.114	ng	99
89) Benzo(k)fluoranthene	15.151	252	757229	37.808	ng	99
90) Benzo(a)pyrene	15.498	252	838232	42.741	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	861169	41.468	ng	98
92) Benzo(g,h,i)perylene	17.527	276	849011	41.192	ng	98

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

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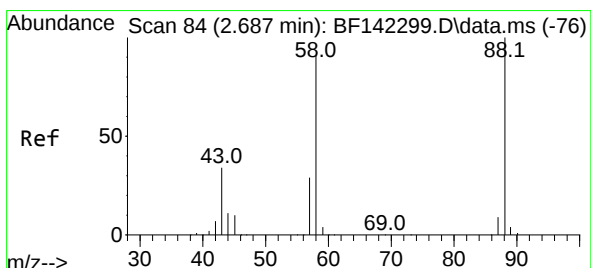
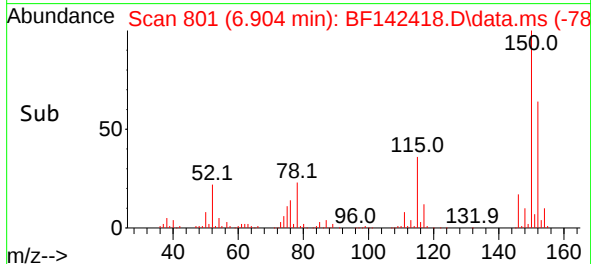
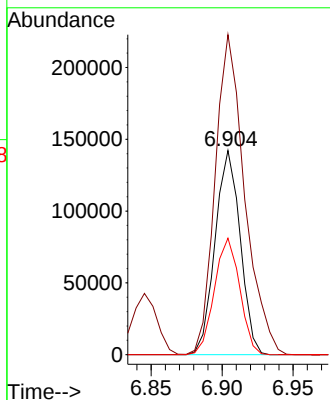
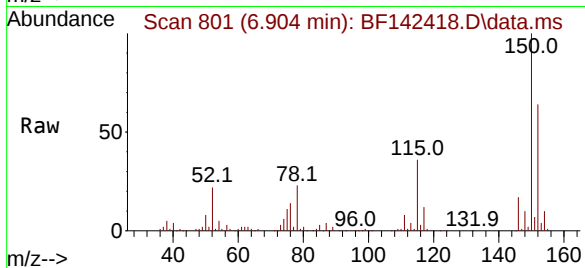




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

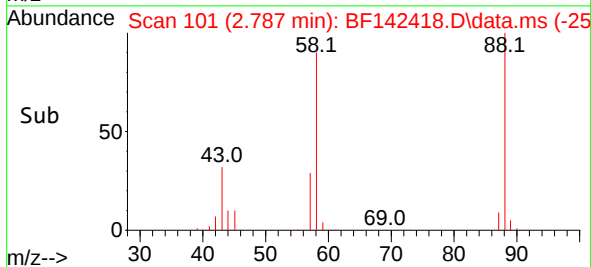
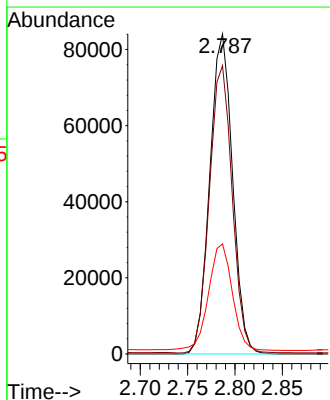
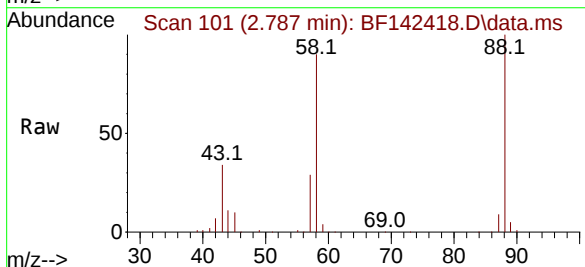
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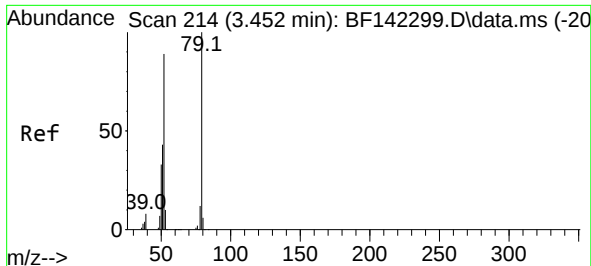
Tgt Ion:152 Resp: 174819
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 190.0
 115 57.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 30.493 ng
 RT: 2.787 min Scan# 101
 Delta R.T. 0.100 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

Tgt Ion: 88 Resp: 140624
 Ion Ratio Lower Upper
 88 100
 58 89.9 73.0 109.4
 43 34.9 27.8 41.6

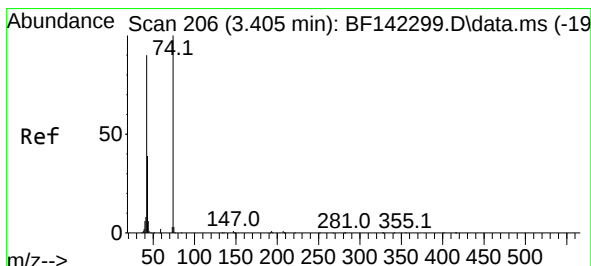
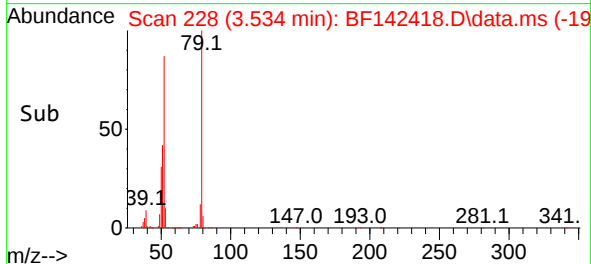
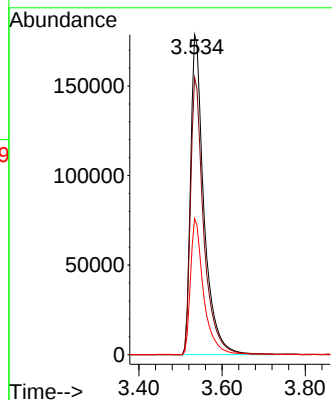
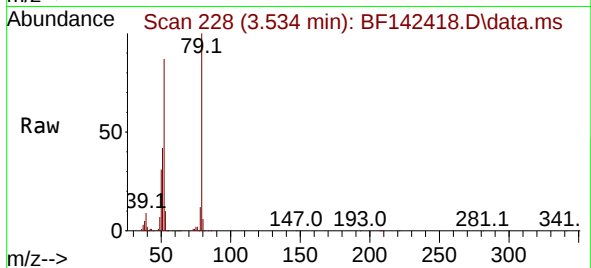




#3
Pyridine
Concen: 36.893 ng
RT: 3.534 min Scan# 214
Delta R.T. 0.082 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

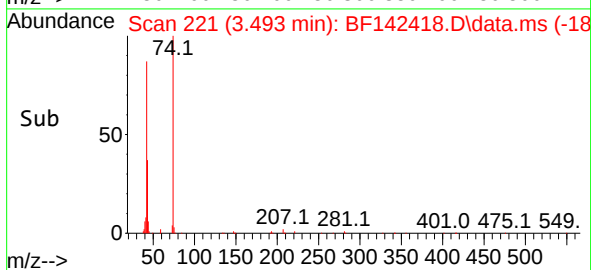
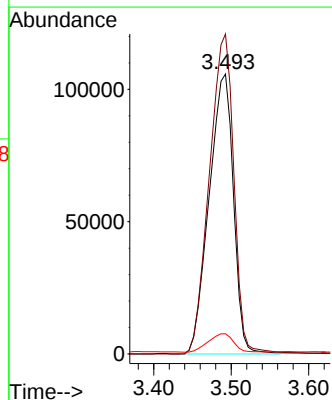
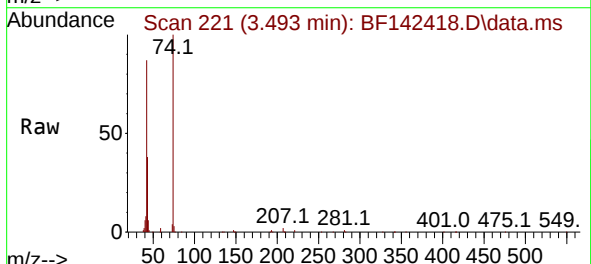
Instrument :
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ClientSampleId :
PB168000BS

Tgt Ion: 79 Resp: 399451
Ion Ratio Lower Upper
79 100
52 86.6 71.0 106.4
51 42.5 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 36.692 ng
RT: 3.493 min Scan# 221
Delta R.T. 0.088 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion: 42 Resp: 230893
Ion Ratio Lower Upper
42 100
74 114.3 88.5 132.7
44 7.2 5.8 8.8

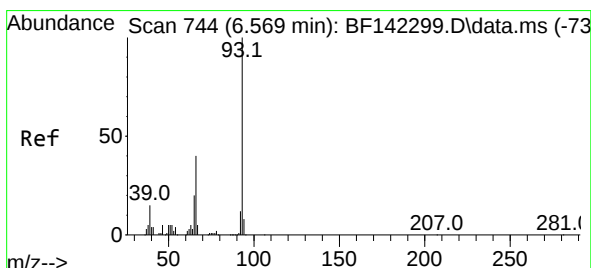
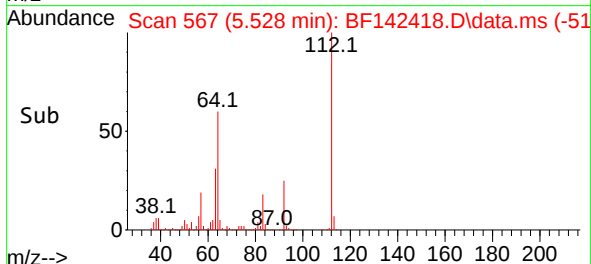
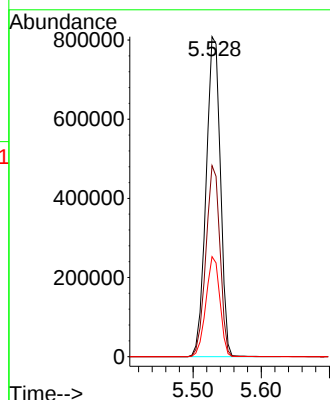
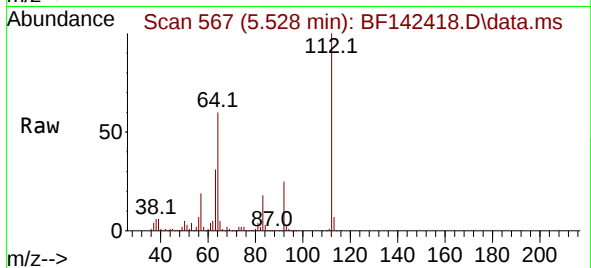




#5
2-Fluorophenol
Concen: 115.182 ng
RT: 5.528 min Scan# 511
Delta R.T. 0.017 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

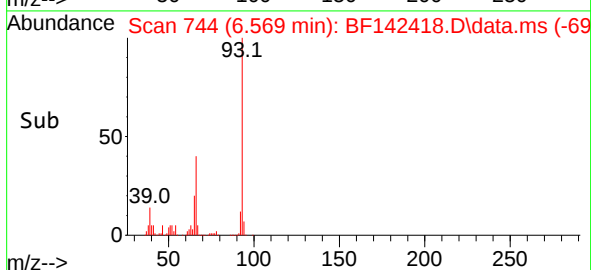
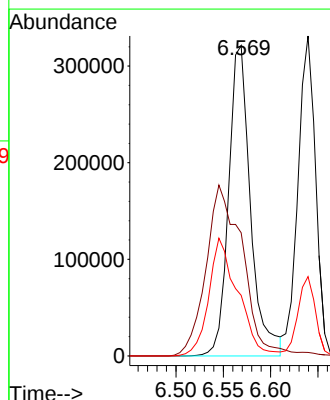
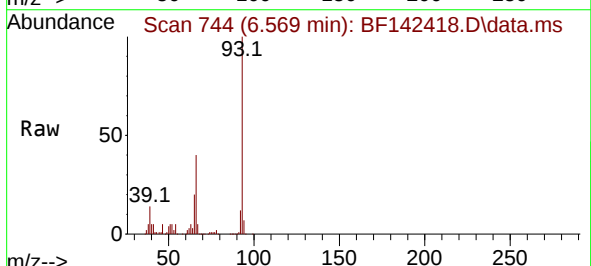
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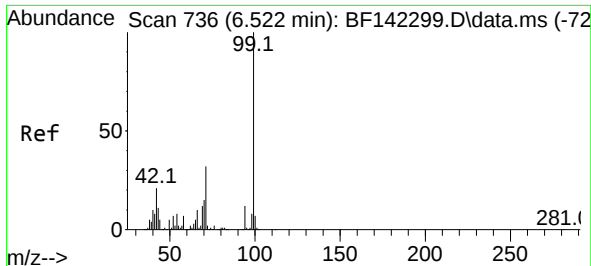
Tgt Ion:112 Resp: 1179558
Ion Ratio Lower Upper
112 100
64 59.7 48.9 73.3
63 31.2 25.6 38.4



#6
Aniline
Concen: 41.869 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion: 93 Resp: 517267
Ion Ratio Lower Upper
93 100
66 39.7 32.2 48.4
65 19.5 16.3 24.5

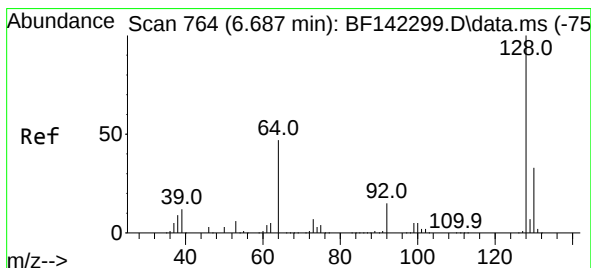
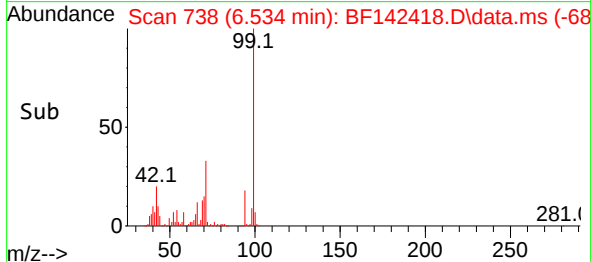
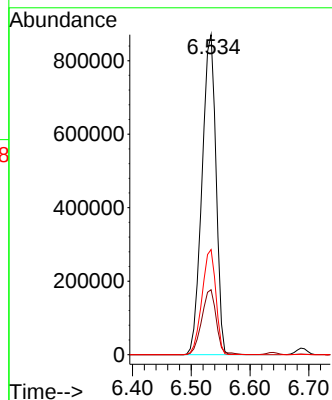
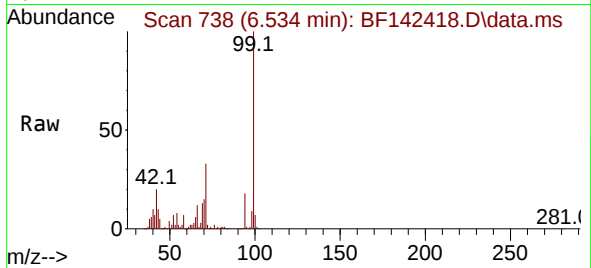




#7
Phenol-d6
Concen: 113.968 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

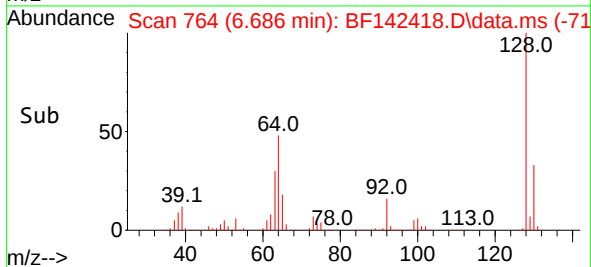
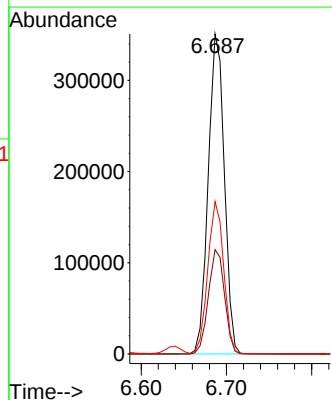
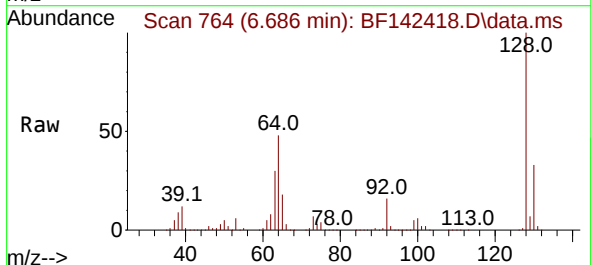
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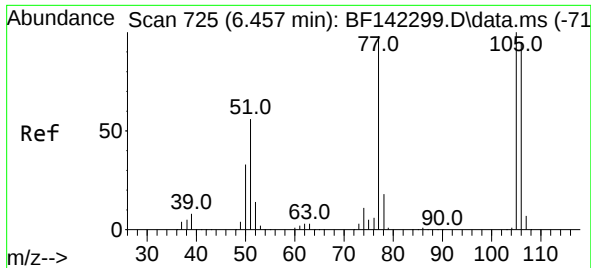
Tgt Ion: 99 Resp: 1435484
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.4
71 32.9 25.8 38.8



#8
2-Chlorophenol
Concen: 42.039 ng
RT: 6.686 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:128 Resp: 460054
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 47.6 29.2 69.2

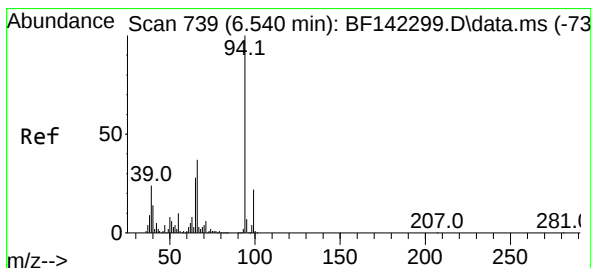
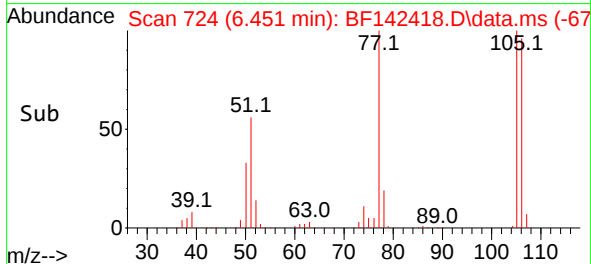
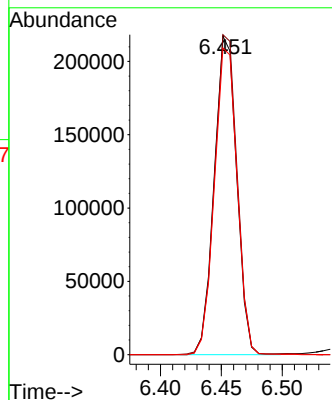
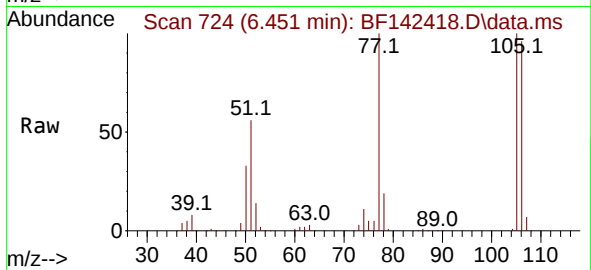




#9
Benzaldehyde
Concen: 37.810 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

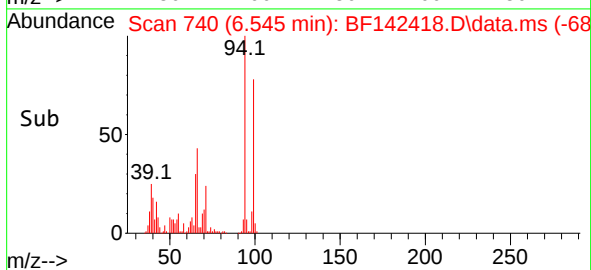
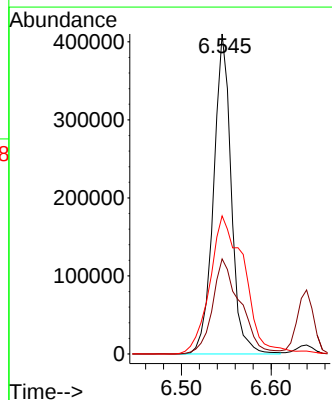
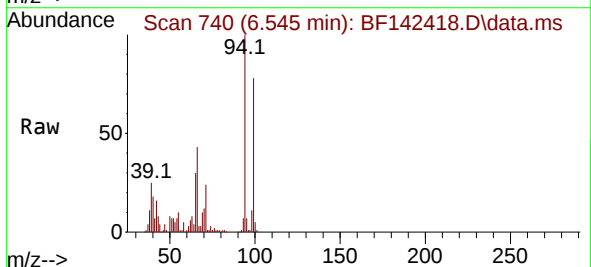
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Tgt Ion: 77 Resp: 278725
Ion Ratio Lower Upper
77 100
105 100.5 82.0 122.0
106 96.3 77.2 117.2



#10
Phenol
Concen: 42.160 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion: 94 Resp: 562888
Ion Ratio Lower Upper
94 100
65 29.7 8.5 48.5
66 43.1 17.3 57.3

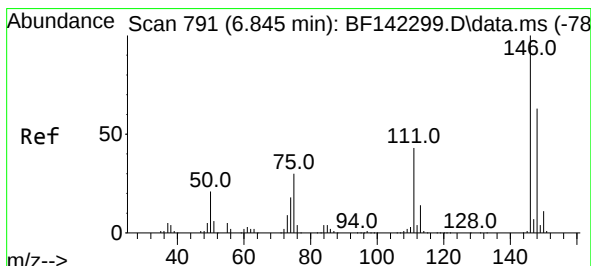
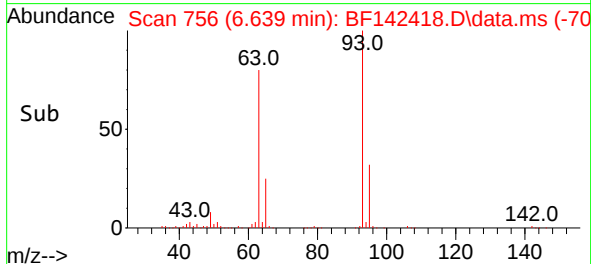
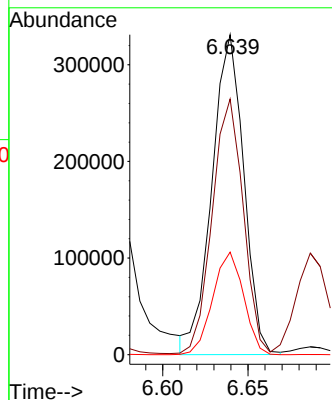
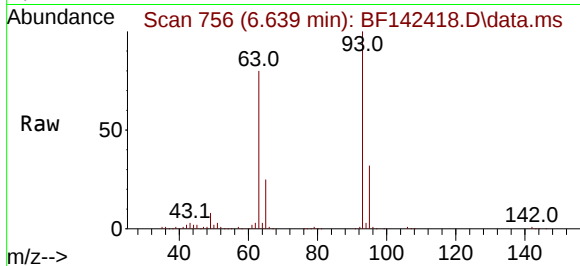




#11
bis(2-Chloroethyl)ether
Concen: 32.610 ng
RT: 6.639 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

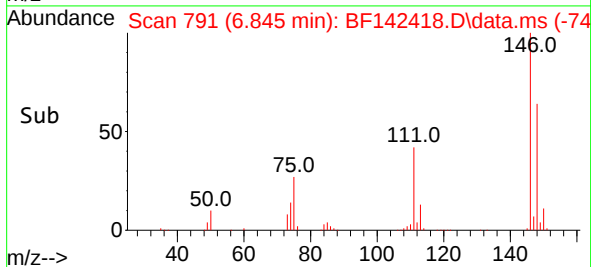
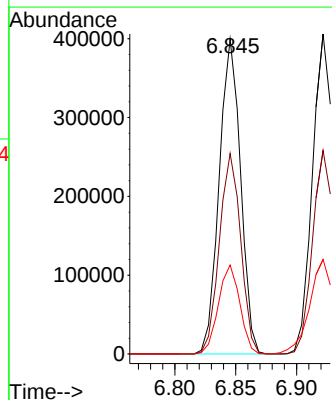
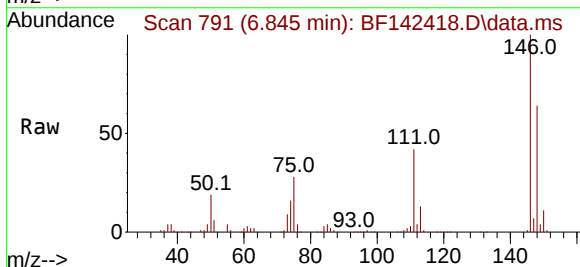
Instrument :
BNA_F
ClientSampleId :
PB168000BS

Tgt Ion: 93 Resp: 429356
Ion Ratio Lower Upper
93 100
63 79.9 58.4 98.4
95 32.0 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 38.946 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:146 Resp: 487594
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
75 28.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.308 ng

RT: 6.922 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

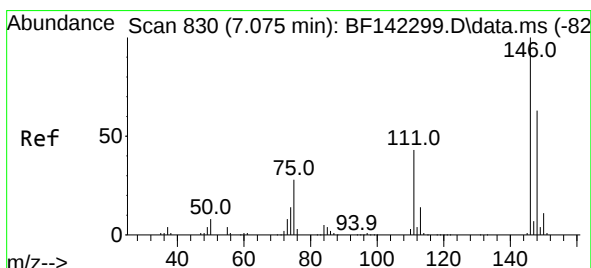
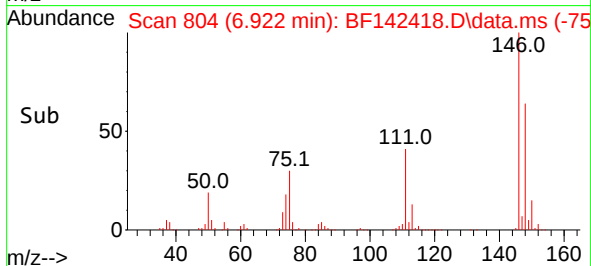
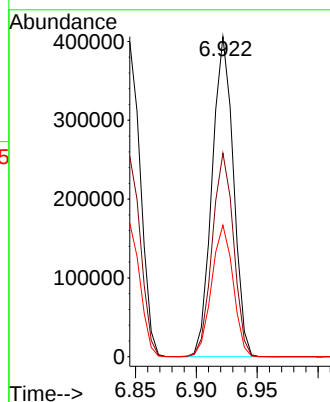
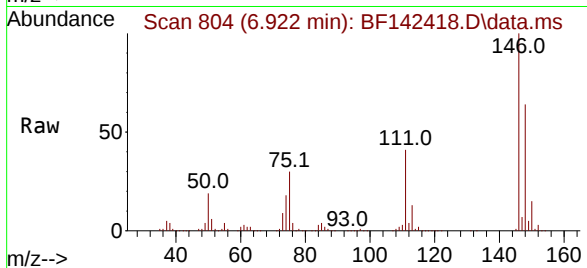
Tgt Ion:146 Resp: 494121

Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

111 41.1 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 39.045 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

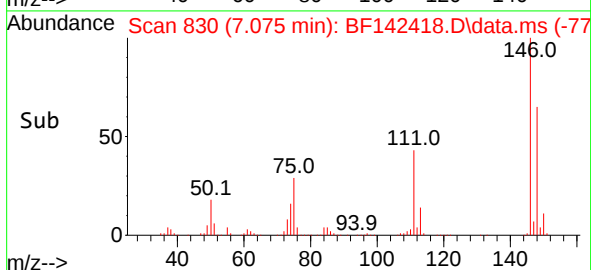
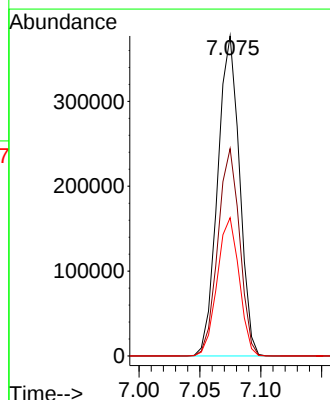
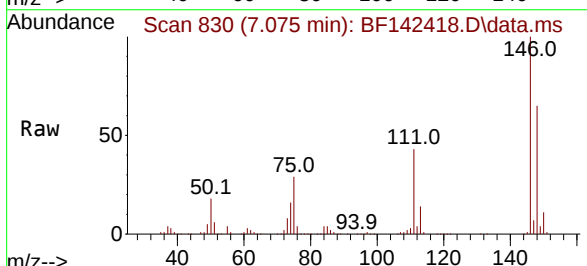
Tgt Ion:146 Resp: 471116

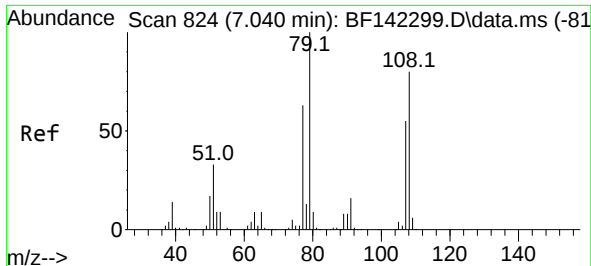
Ion Ratio Lower Upper

146 100

148 64.8 50.3 75.5

111 43.2 34.5 51.7

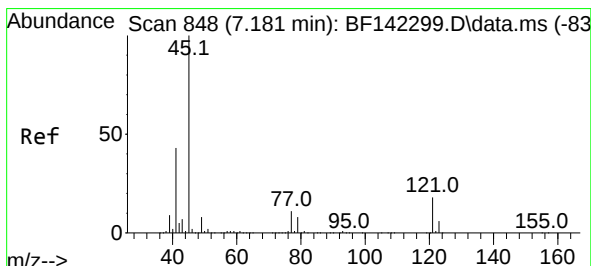
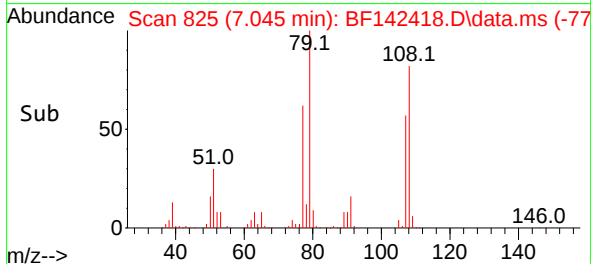
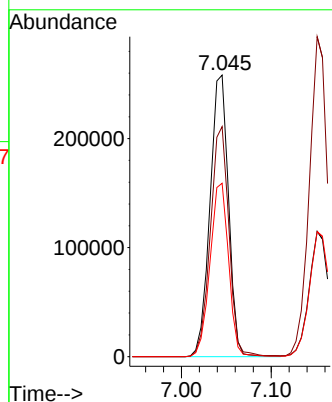
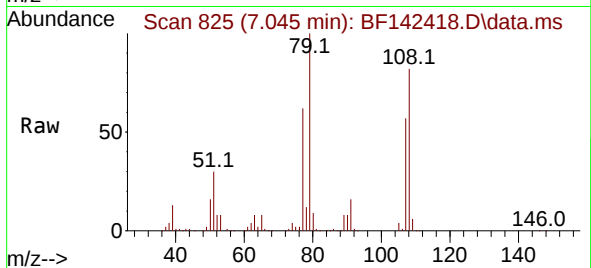




#15
Benzyl Alcohol
Concen: 45.469 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

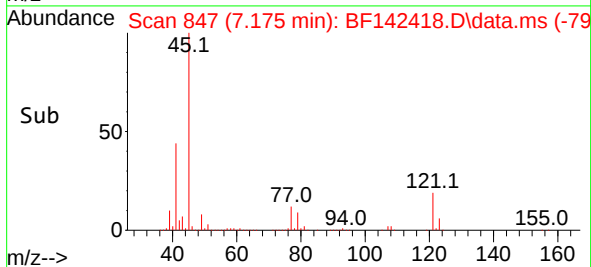
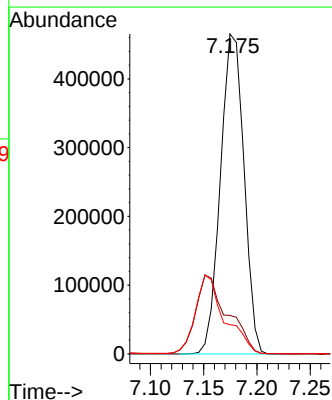
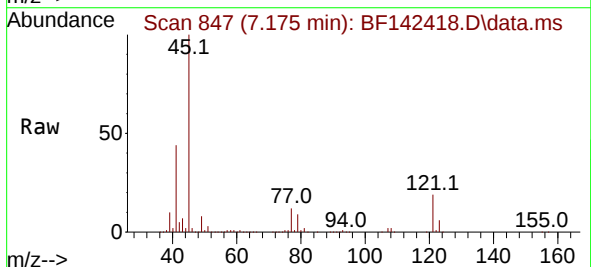
Instrument :
BNA_F
ClientSampleId :
PB168000BS

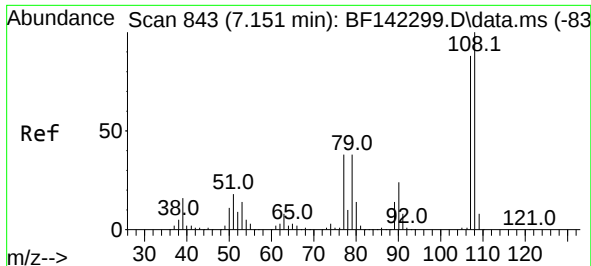
Tgt Ion: 79 Resp: 370842
Ion Ratio Lower Upper
79 100
108 81.7 63.9 95.9
77 61.6 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.369 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion: 45 Resp: 715071
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.2
79 9.1 0.0 28.5

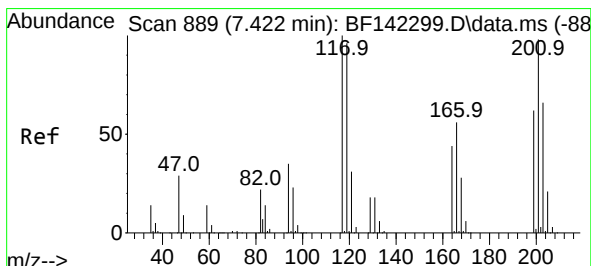
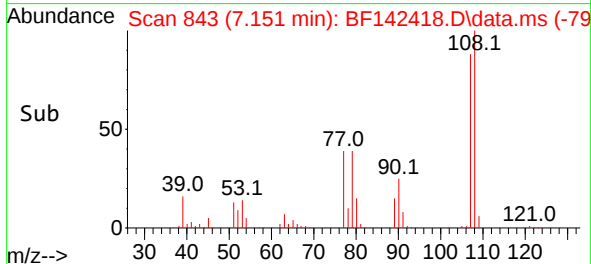
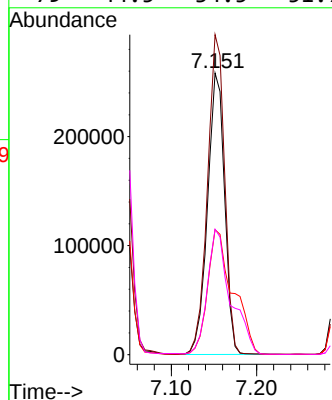
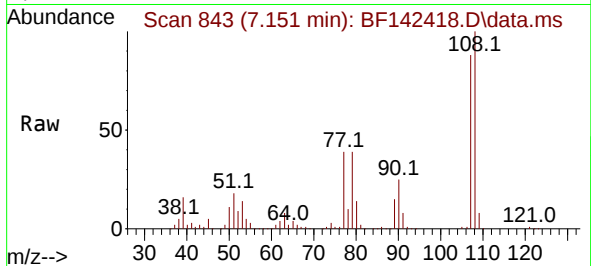




#17
2-Methylphenol
Concen: 40.658 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

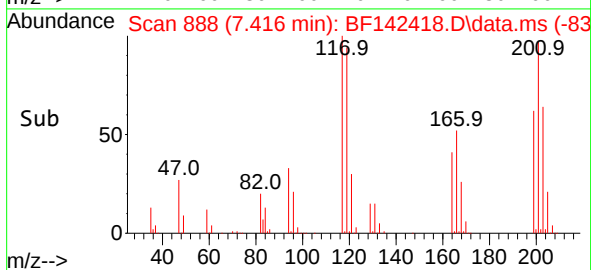
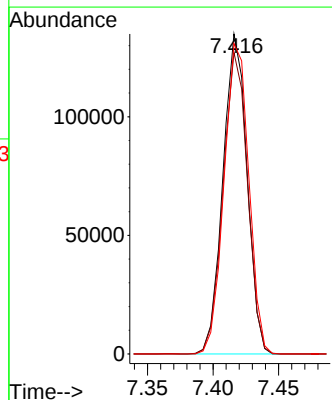
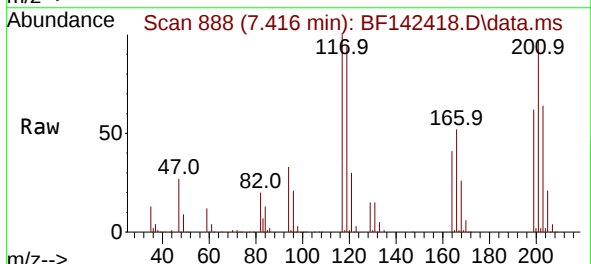
Instrument :
BNA_F
ClientSampleId :
PB168000BS

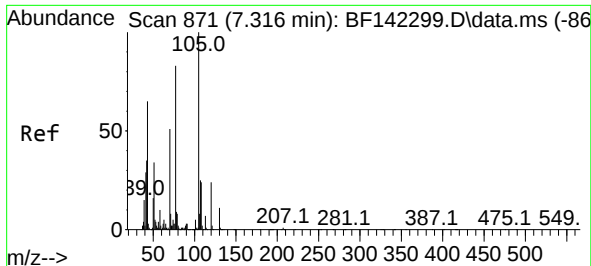
Tgt Ion:	107	Resp:	360224
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.1	136.7
77	44.4	34.7	52.1
79	44.5	34.5	51.7



#18
Hexachloroethane
Concen: 41.200 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:	117	Resp:	172317
Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.9	115.3
201	97.0	78.0	117.0

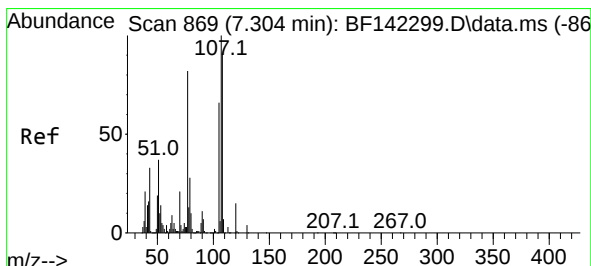
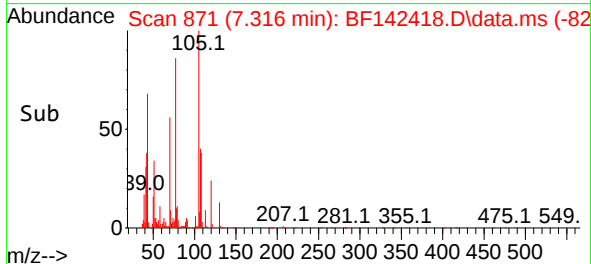
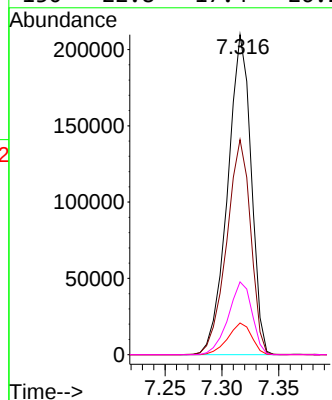
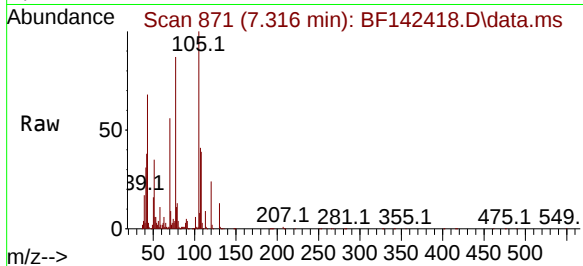




#19
n-Nitroso-di-n-propylamine
Concen: 38.800 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

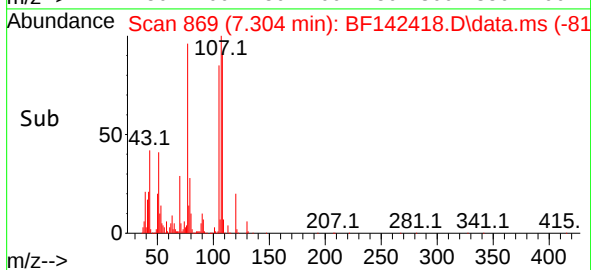
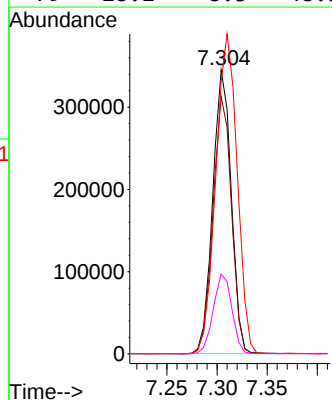
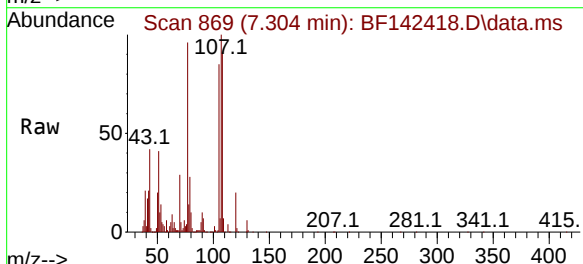
Instrument :
BNA_F
ClientSampleId :
PB168000BS

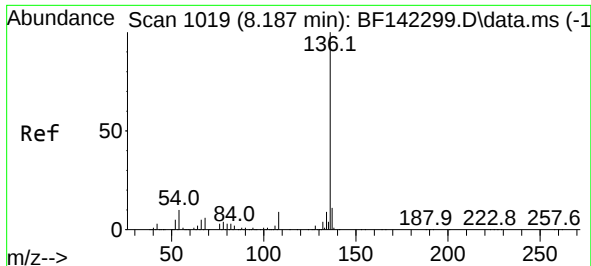
Tgt Ion: 70 Resp: 302296
Ion Ratio Lower Upper
70 100
42 67.2 54.8 82.2
101 9.9 7.7 11.5
130 22.8 17.4 26.2



#20
3+4-Methylphenols
Concen: 40.084 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion: 107 Resp: 443224
Ion Ratio Lower Upper
107 100
108 90.6 71.5 111.5
77 96.0 61.6 101.6
79 28.2 8.3 48.3

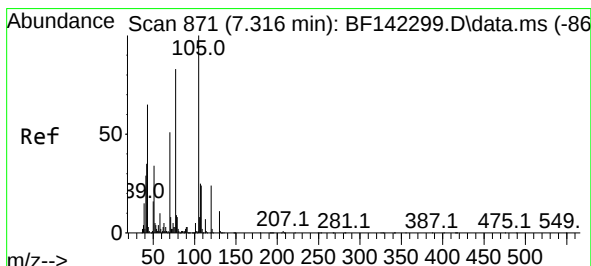
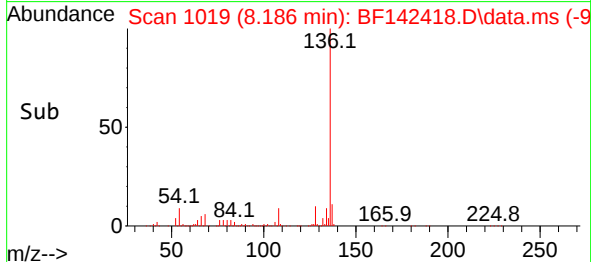
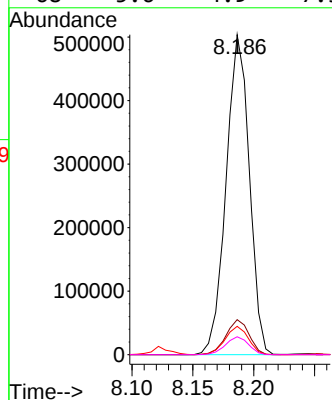
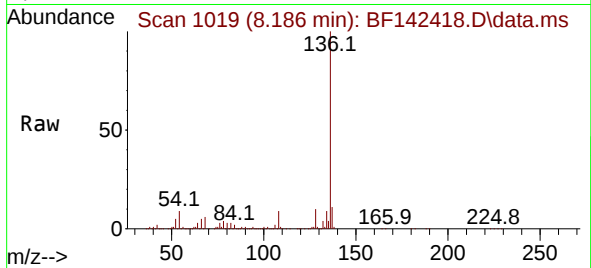




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

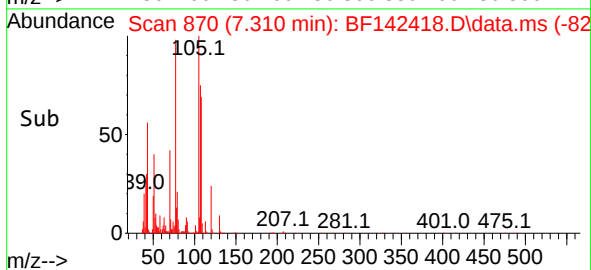
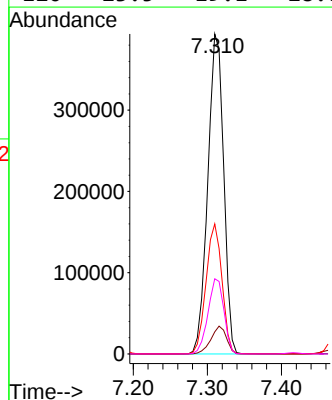
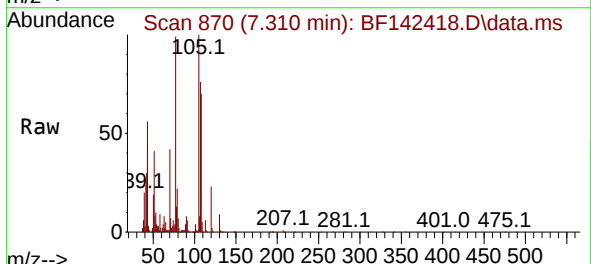
Instrument :
BNA_F
ClientSampleId :
PB168000BS

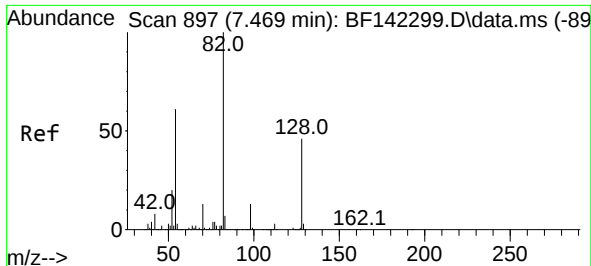
Tgt Ion:	136	Resp:	668409
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	7.7	11.5
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 39.469 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:	105	Resp:	586580
Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.7	10.1
51	40.7	27.6	41.4
120	23.5	19.1	28.7





#23

Nitrobenzene-d5

Concen: 80.765 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

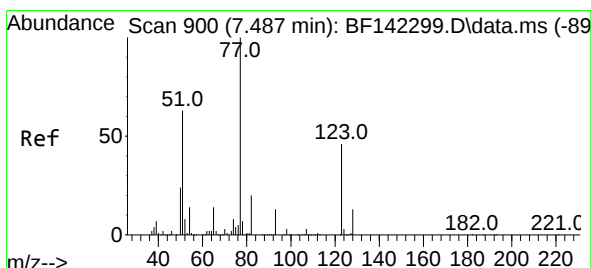
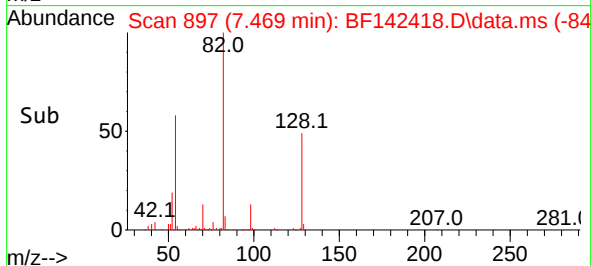
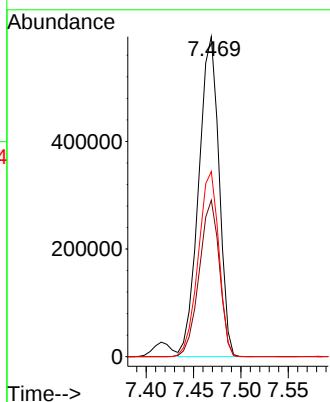
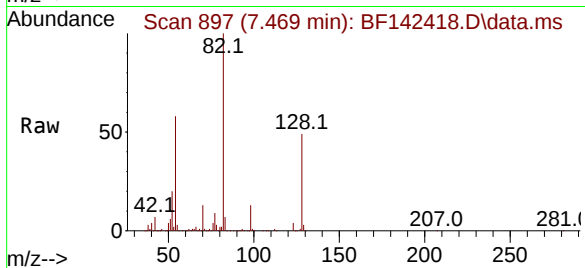
Tgt Ion: 82 Resp: 885171

Ion Ratio Lower Upper

82 100

128 48.9 37.0 55.6

54 57.9 48.6 73.0



#24

Nitrobenzene

Concen: 43.389 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

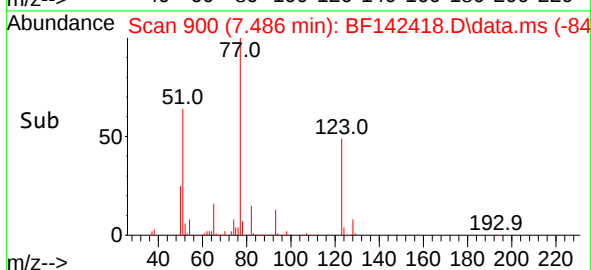
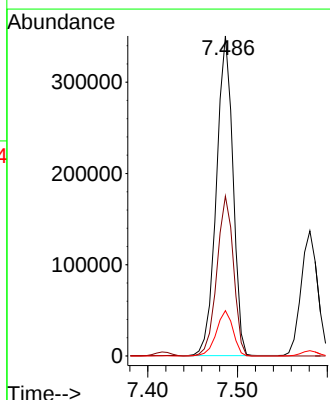
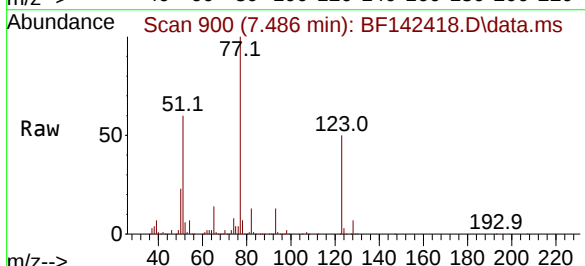
Tgt Ion: 77 Resp: 448256

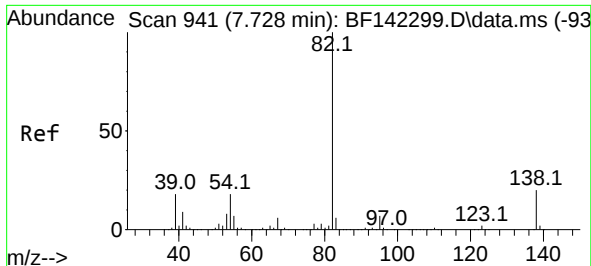
Ion Ratio Lower Upper

77 100

123 50.0 37.8 56.8

65 14.1 11.4 17.0

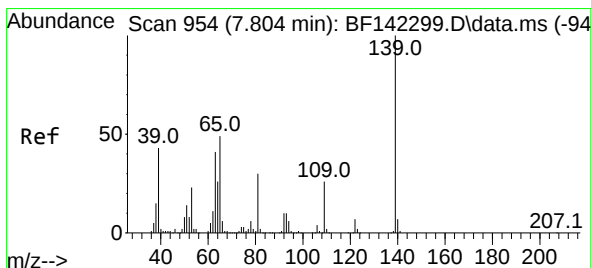
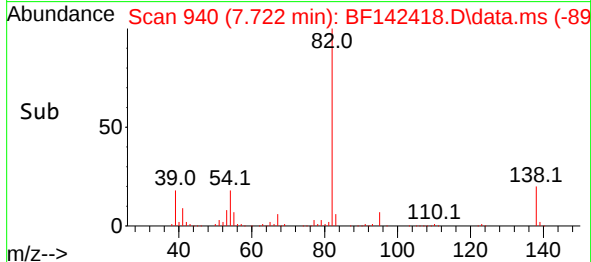
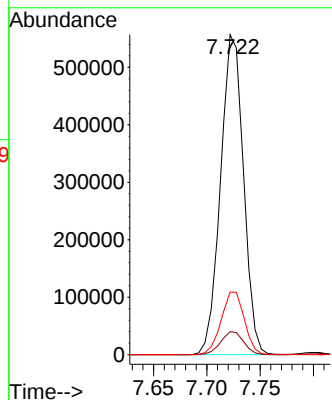
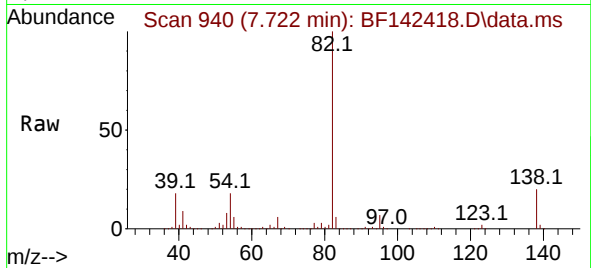




#25
Isophorone
Concen: 40.201 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

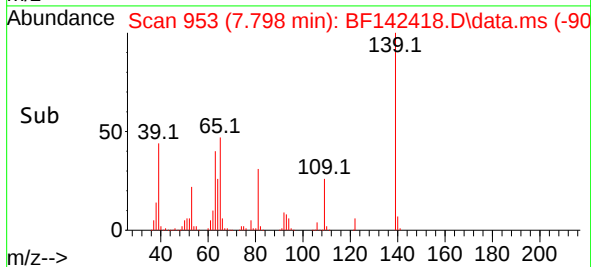
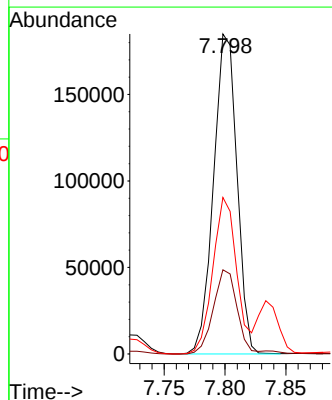
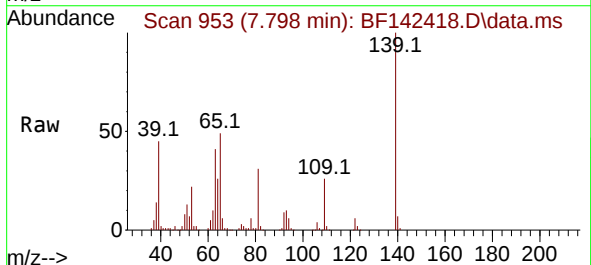
Instrument :
BNA_F
ClientSampleId :
PB168000BS

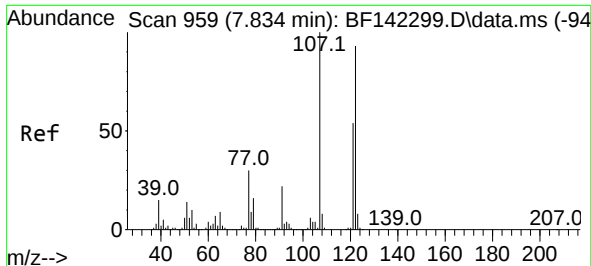
Tgt Ion: 82 Resp: 834329
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 19.5 16.1 24.1



#26
2-Nitrophenol
Concen: 49.562 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:139 Resp: 247521
Ion Ratio Lower Upper
139 100
109 26.3 20.8 31.2
65 48.9 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 41.752 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

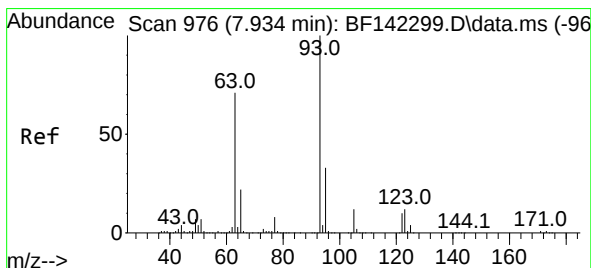
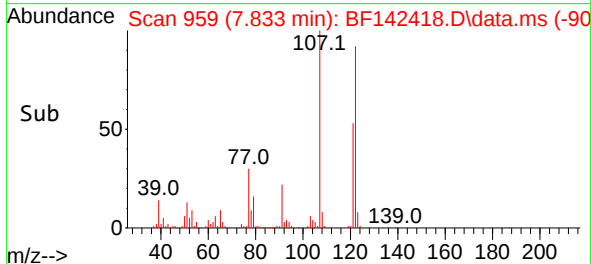
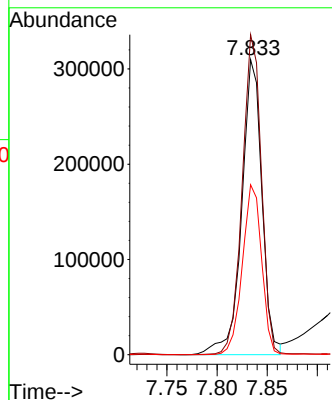
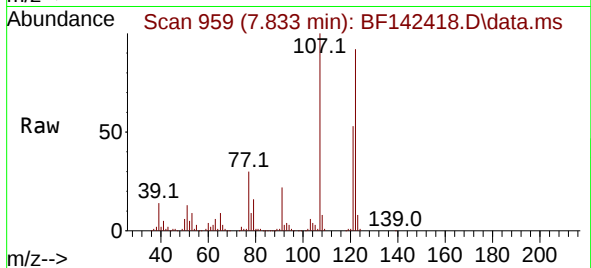
Tgt Ion:122 Resp: 435661

Ion Ratio Lower Upper

122 100

107 108.5 86.0 129.0

121 57.6 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.042 ng

RT: 7.933 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

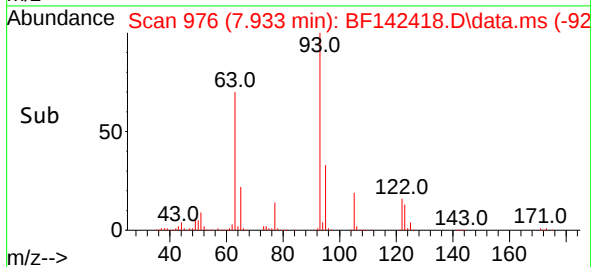
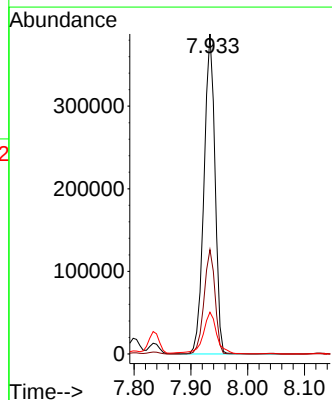
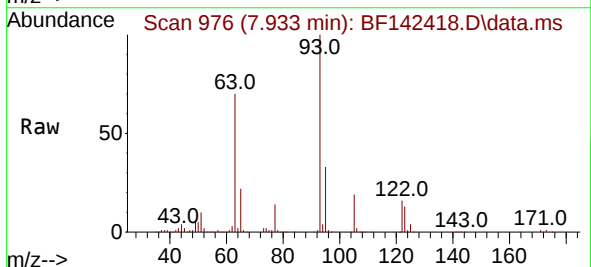
Tgt Ion: 93 Resp: 521019

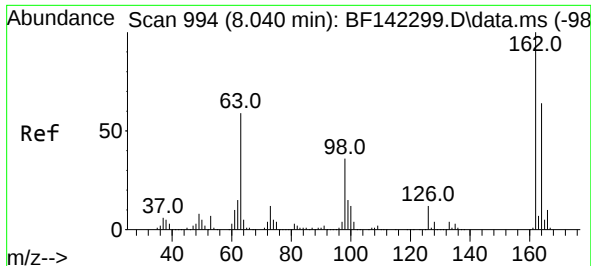
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 13.1 10.2 15.4

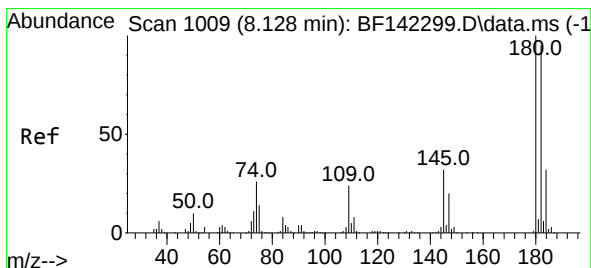
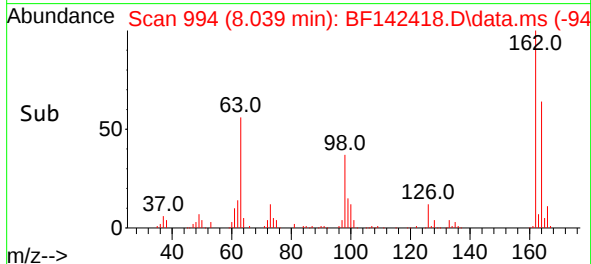
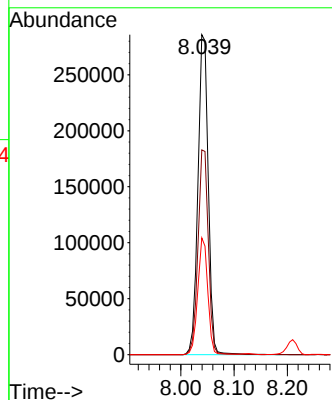
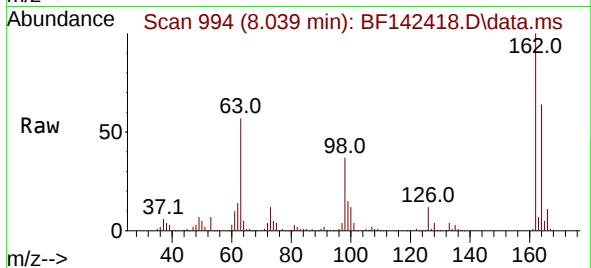




#29
2,4-Dichlorophenol
Concen: 43.477 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

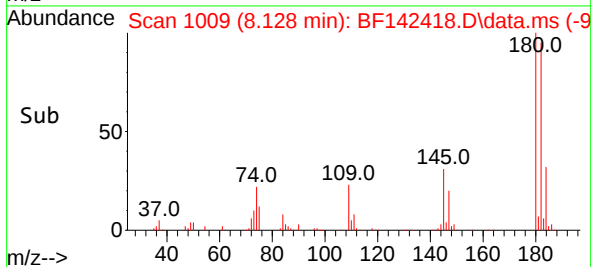
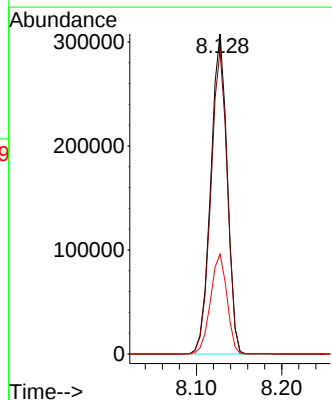
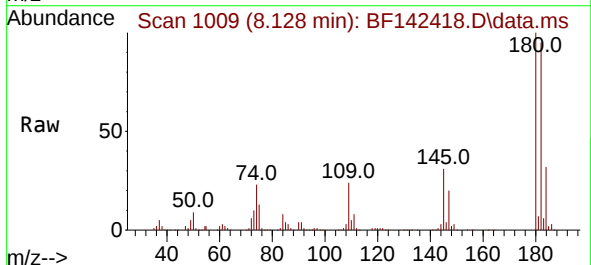
Instrument :
BNA_F
ClientSampleId :
PB168000BS

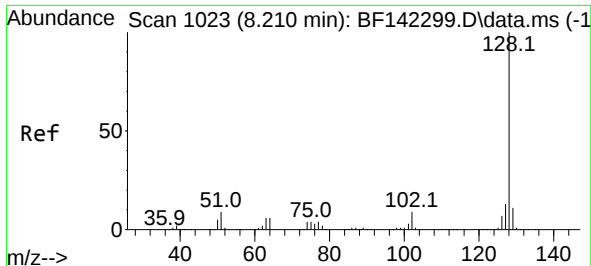
Tgt Ion:162 Resp: 385692
Ion Ratio Lower Upper
162 100
164 64.0 43.6 83.6
98 36.5 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 41.299 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:180 Resp: 412320
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
145 31.2 25.8 38.6

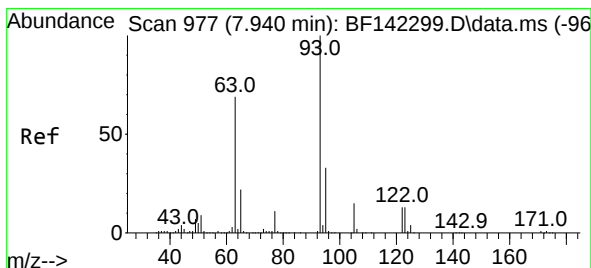
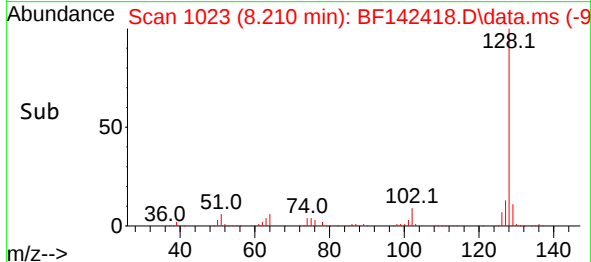
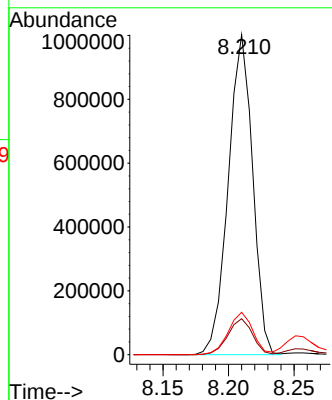
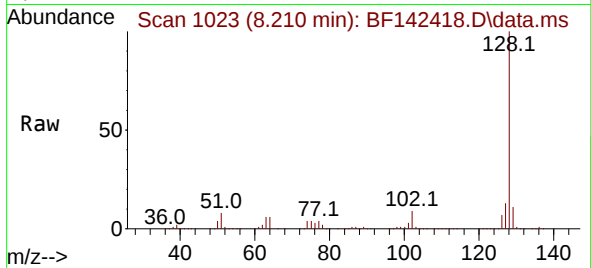




#31
Naphthalene
Concen: 40.058 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

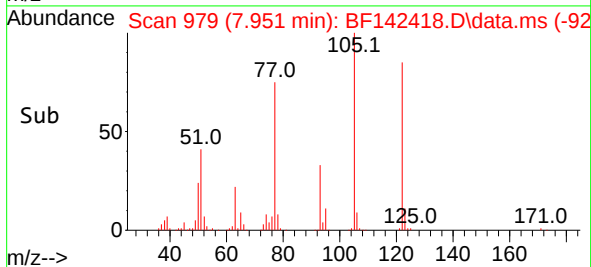
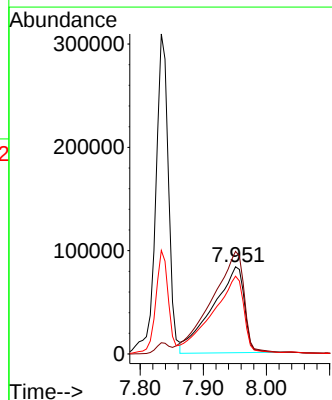
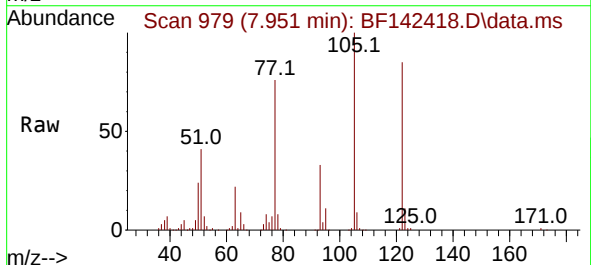
Instrument :
BNA_F
ClientSampleId :
PB168000BS

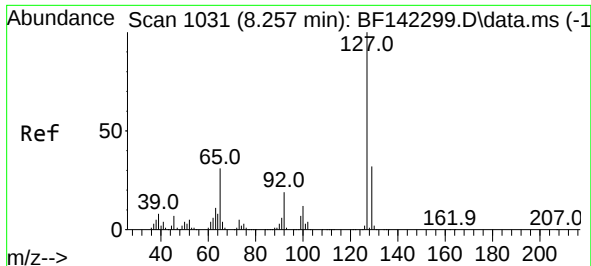
Tgt Ion:128 Resp: 1297671
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 51.045 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.011 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:122 Resp: 291172
Ion Ratio Lower Upper
122 100
105 117.7 97.9 137.9
77 89.2 67.7 107.7

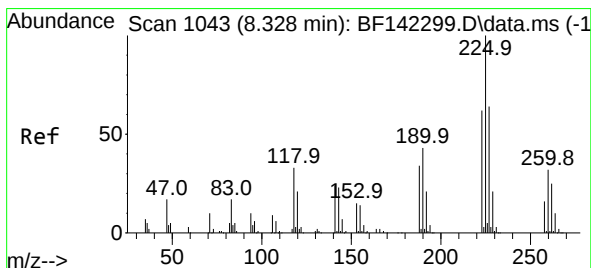
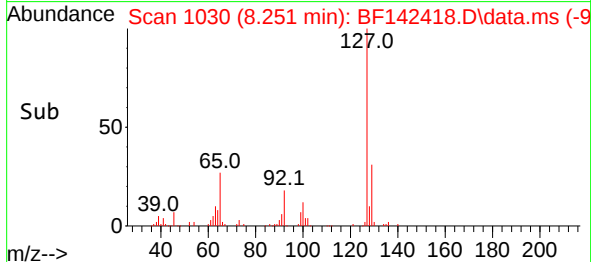
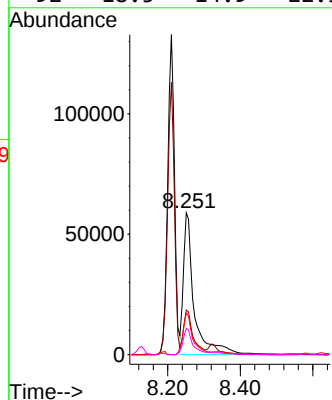
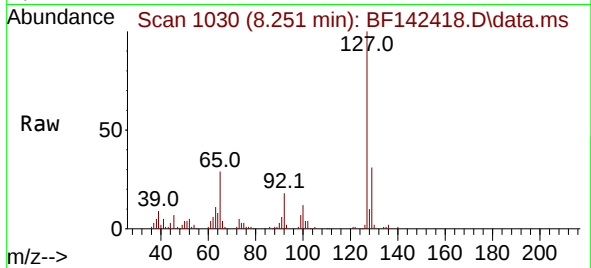




#33
4-Chloroaniline
Concen: 9.174 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.016 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

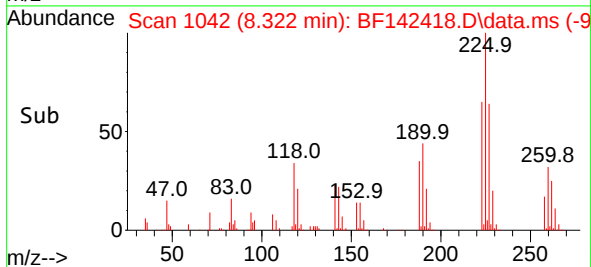
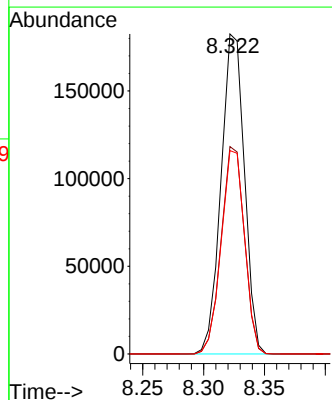
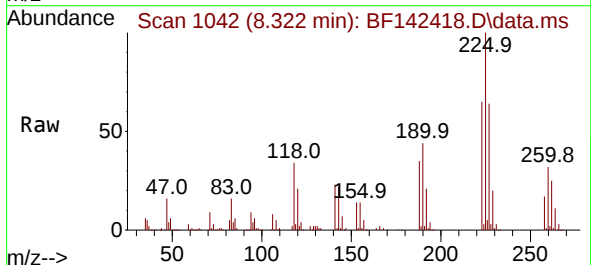
Instrument :
BNA_F
ClientSampleId :
PB168000BS

Tgt Ion:127	Resp: 121269
Ion Ratio	Lower Upper
127 100	
129 31.4	25.7 38.5
65 29.2	24.9 37.3
92 18.5	14.9 22.3



#34
Hexachlorobutadiene
Concen: 41.236 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:225	Resp: 243783
Ion Ratio	Lower Upper
225 100	
223 64.8	49.8 74.6
227 63.6	50.9 76.3

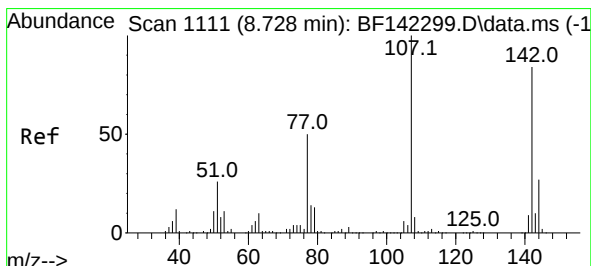
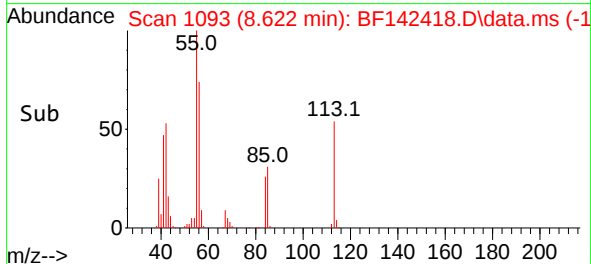
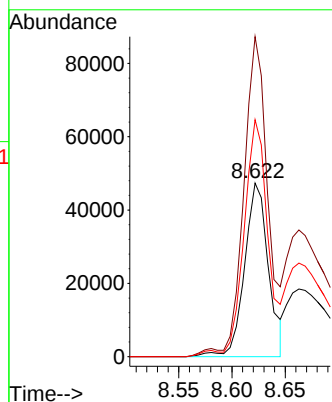
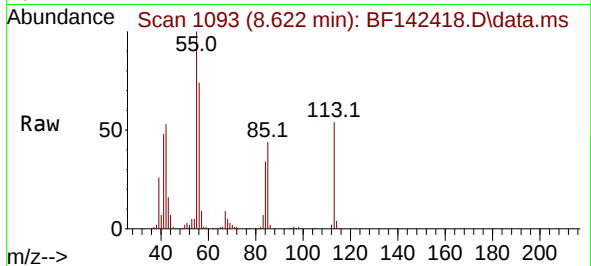




#35
 Caprolactam
 Concen: 28.583 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

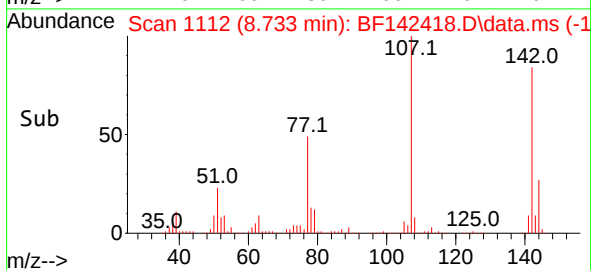
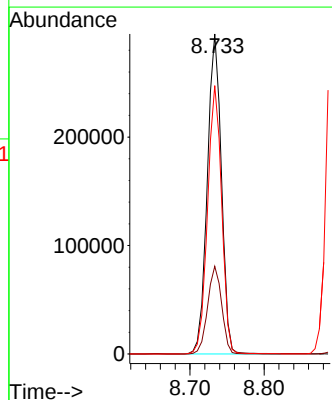
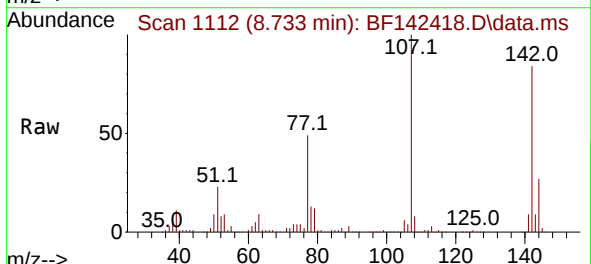
Instrument :
 BNA_F
 ClientSampleId :
 PB168000BS

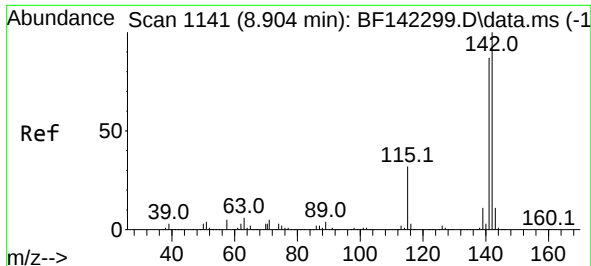
Tgt Ion:113	Resp:	73901
Ion	Ratio	Lower Upper
113	100	
55	184.4	176.4 216.4
56	136.5	120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.339 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

Tgt Ion:107	Resp:	390439
Ion	Ratio	Lower Upper
107	100	
144	27.4	21.3 31.9
142	83.8	66.9 100.3





#37

2-Methylnaphthalene

Concen: 40.205 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

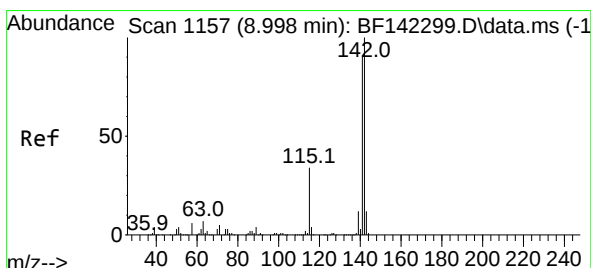
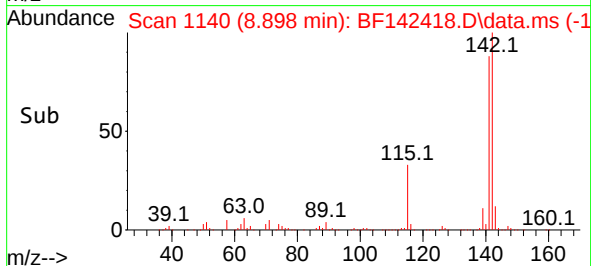
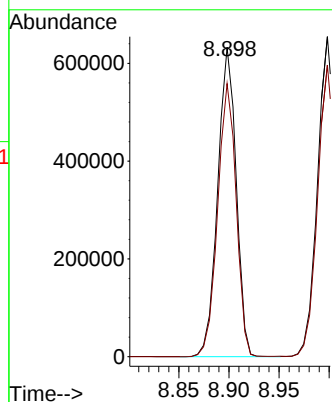
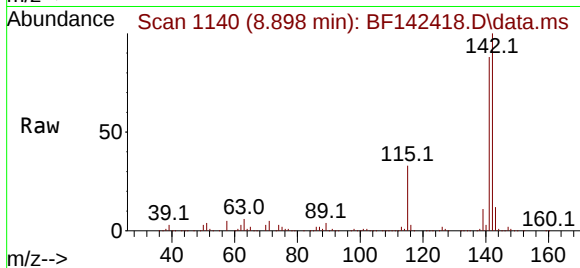
PB168000BS

Tgt Ion:142 Resp: 809310

Ion Ratio Lower Upper

142 100

141 88.3 69.4 104.2



#38

1-Methylnaphthalene

Concen: 39.804 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142418.D

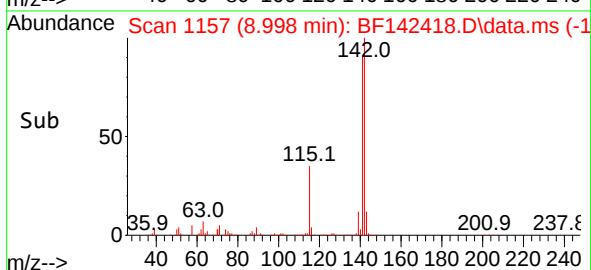
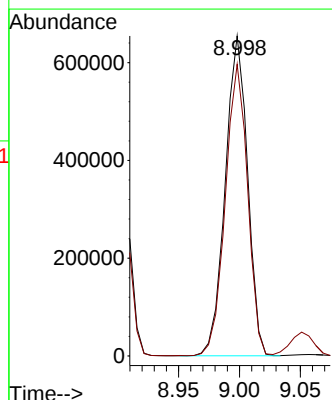
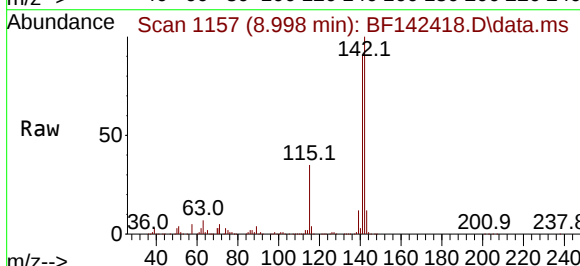
Acq: 16 May 2025 10:43

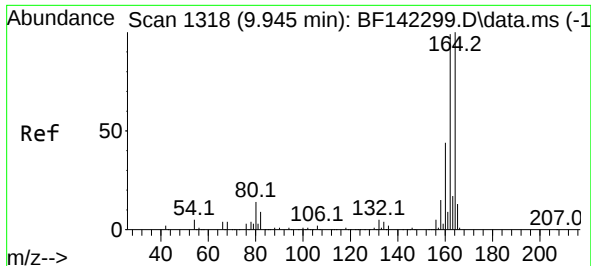
Tgt Ion:142 Resp: 835112

Ion Ratio Lower Upper

142 100

141 91.2 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

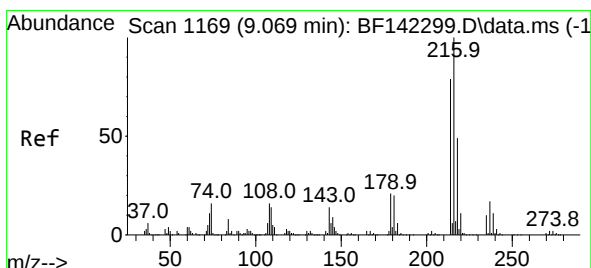
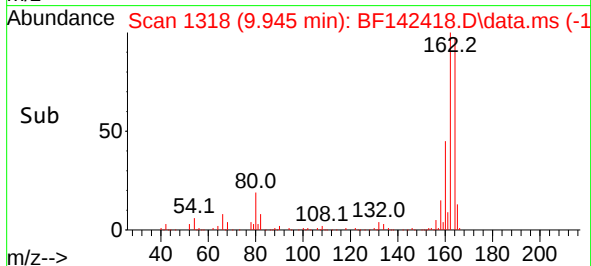
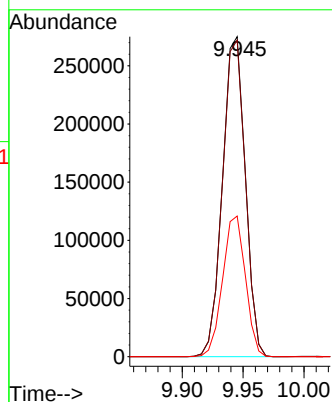
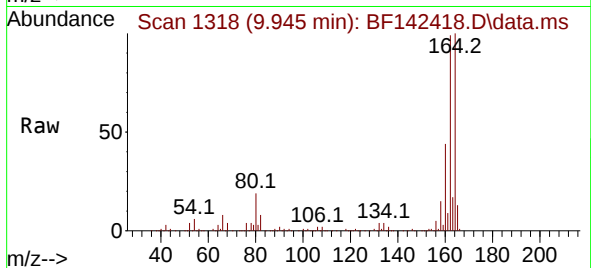
Tgt Ion:164 Resp: 358648

Ion Ratio Lower Upper

164 100

162 98.9 79.2 118.8

160 44.0 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.908 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Tgt Ion:216 Resp: 409760

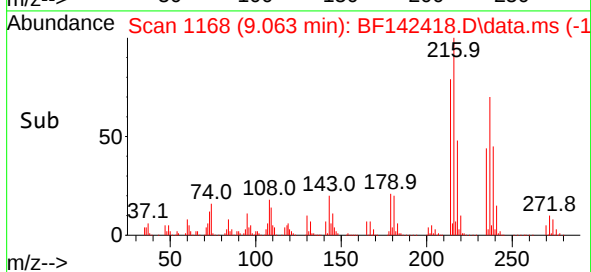
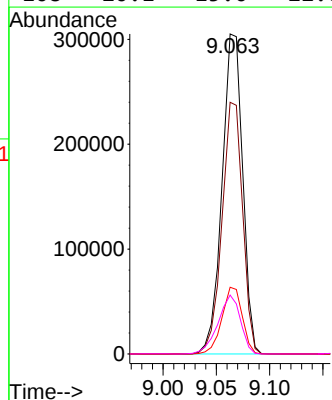
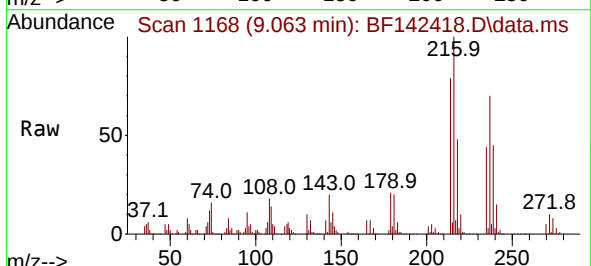
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 20.6 17.0 25.6

108 20.1 15.0 22.6

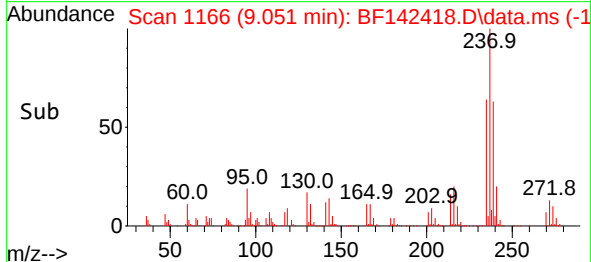
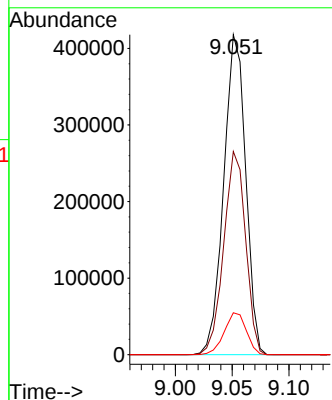
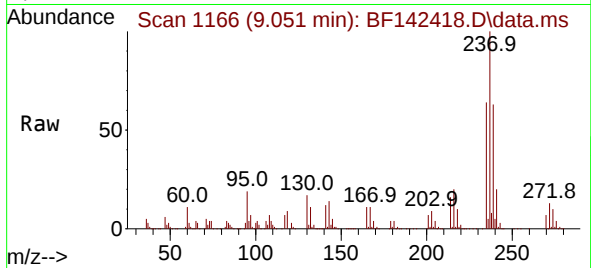




#41
Hexachlorocyclopentadiene
Concen: 90.785 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

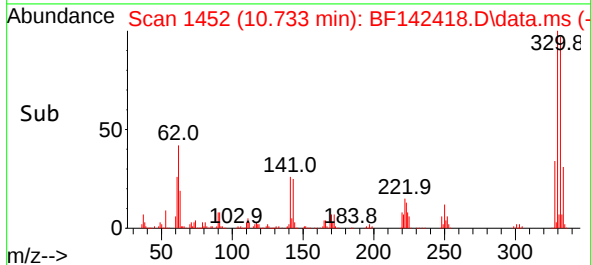
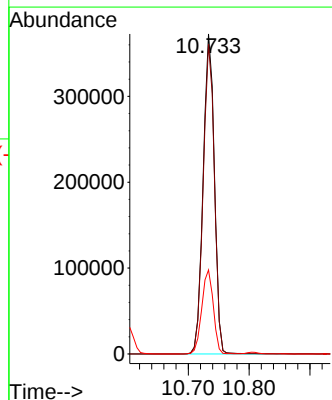
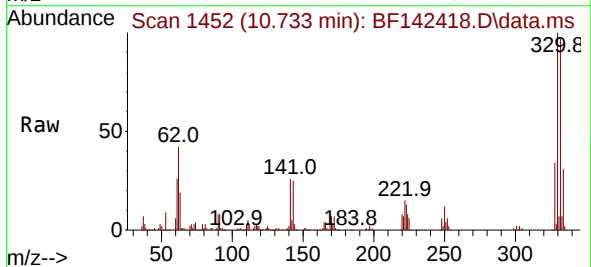
Instrument :
BNA_F
ClientSampleId :
PB168000BS

Tgt Ion:237 Resp: 562008
Ion Ratio Lower Upper
237 100
235 63.5 42.8 82.8
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 137.547 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:330 Resp: 476281
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 26.9 24.9 37.3

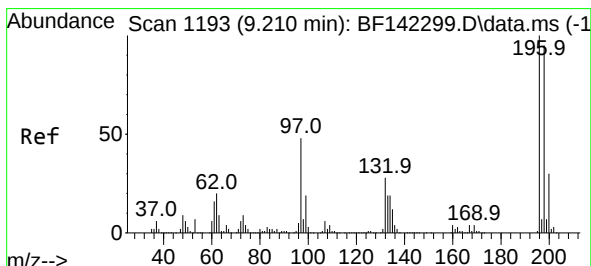
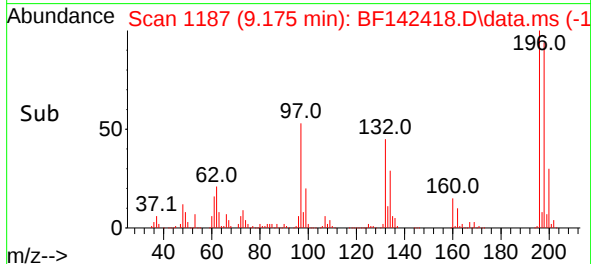
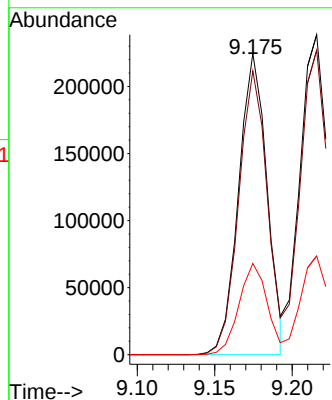
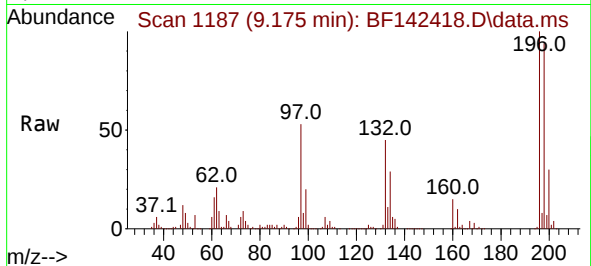




#43
2,4,6-Trichlorophenol
Concen: 45.236 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

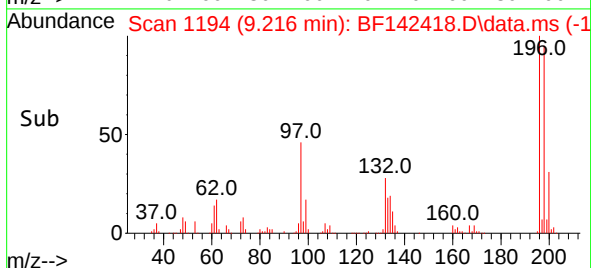
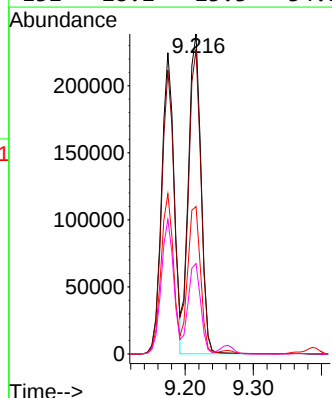
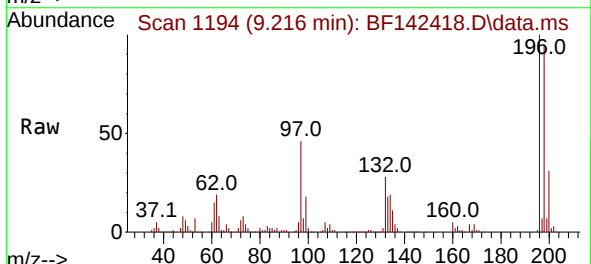
Instrument :
BNA_F
ClientSampleId :
PB168000BS

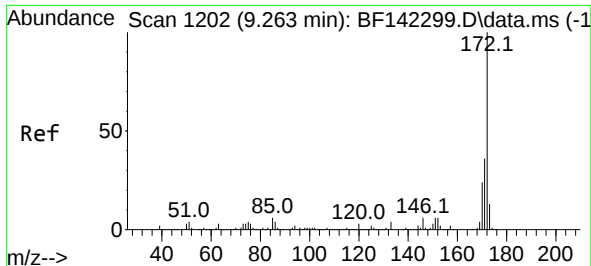
Tgt Ion:196 Resp: 285809
Ion Ratio Lower Upper
196 100
198 94.2 75.4 113.0
200 30.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 44.979 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:196 Resp: 302375
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
97 46.0 39.0 58.4
132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.837 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

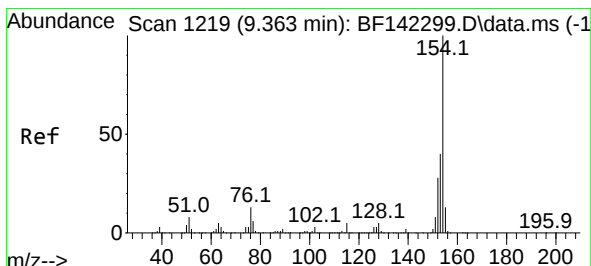
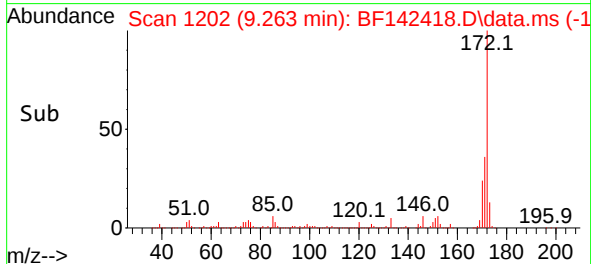
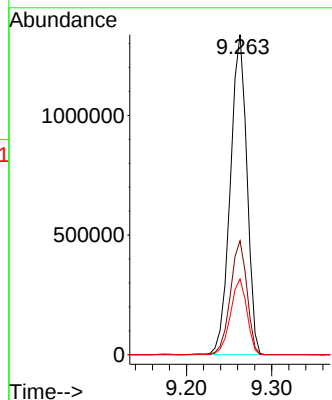
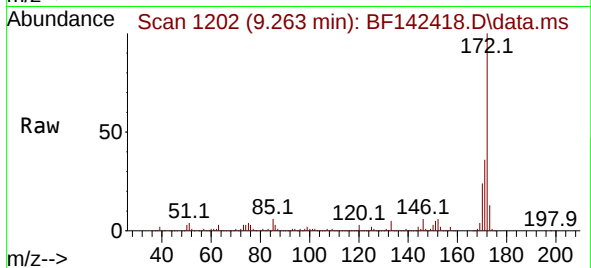
Tgt Ion:172 Resp: 1806890

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.974 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

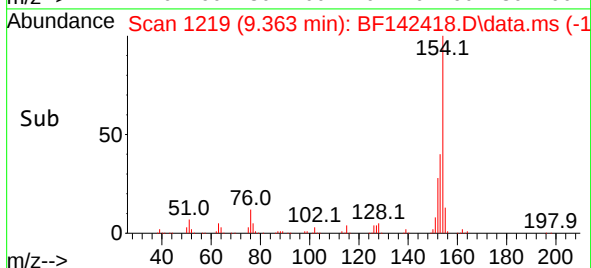
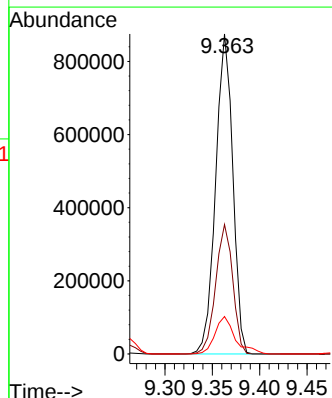
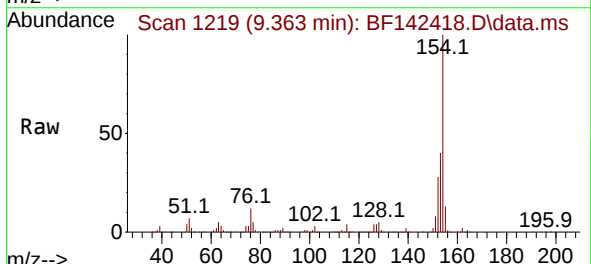
Tgt Ion:154 Resp: 1099242

Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 11.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.964 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

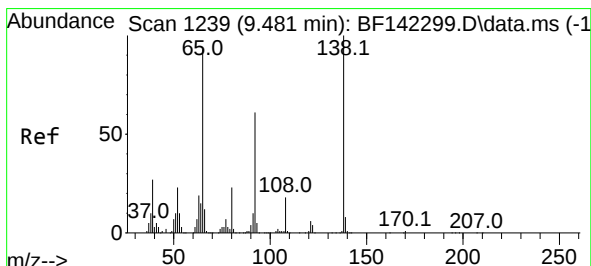
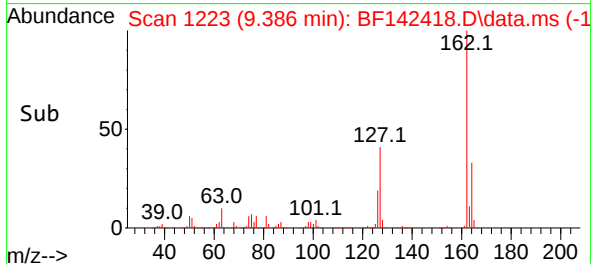
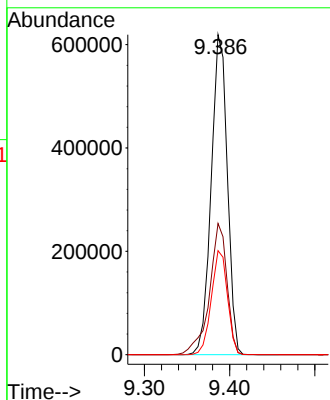
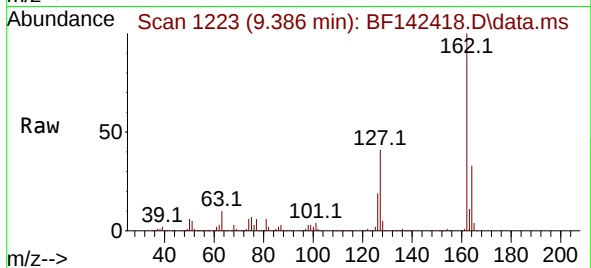
Tgt Ion:162 Resp: 817271

Ion Ratio Lower Upper

162 100

127 41.0 32.3 48.5

164 32.5 26.6 40.0



#48

2-Nitroaniline

Concen: 47.846 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

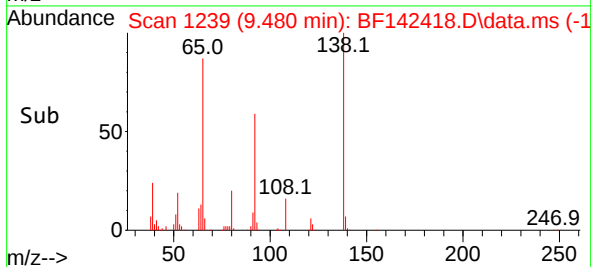
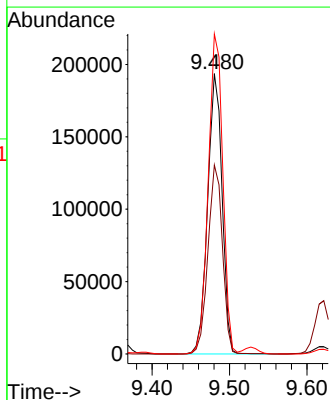
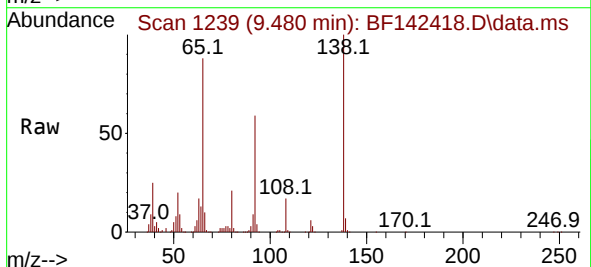
Tgt Ion: 65 Resp: 250800

Ion Ratio Lower Upper

65 100

92 67.4 52.3 78.5

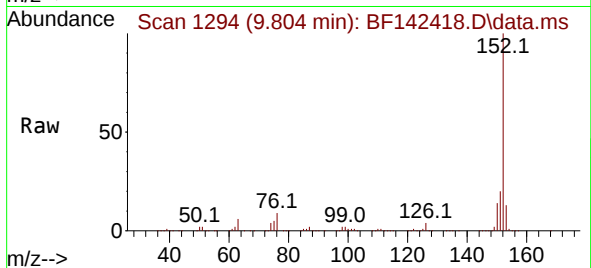
138 114.2 85.6 128.4



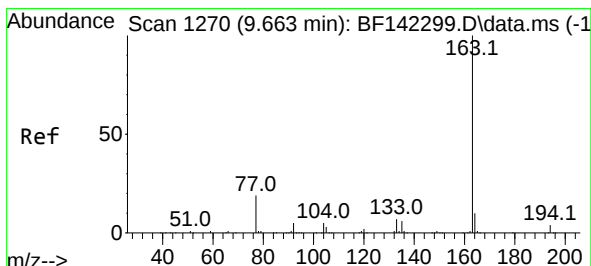
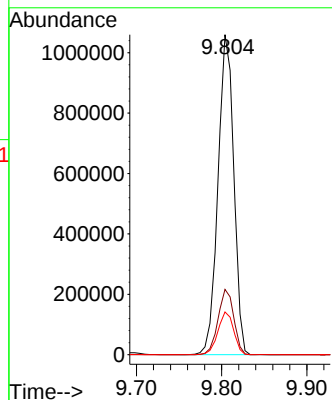
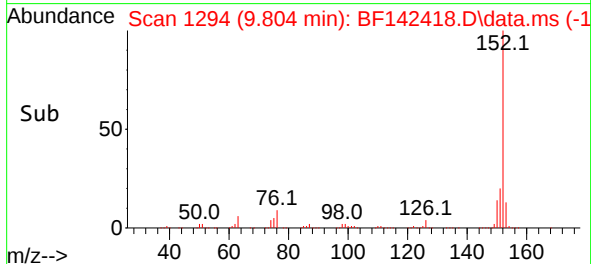


#49
Acenaphthylene
Concen: 39.931 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

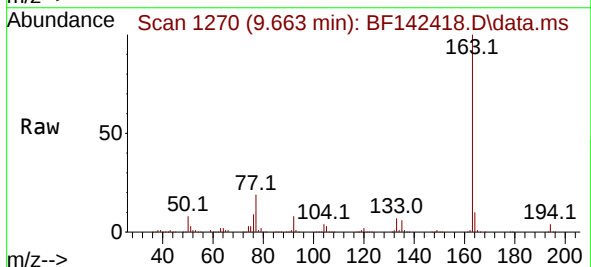
Instrument :
BNA_F
ClientSampleId :
PB168000BS



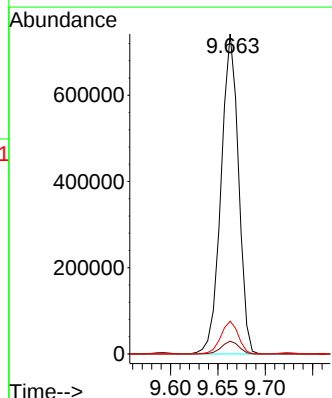
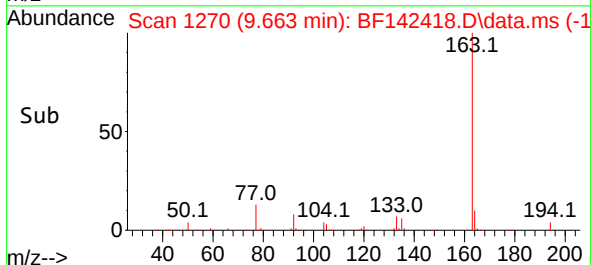
Tgt Ion:152 Resp: 1366081
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.4 10.8 16.2

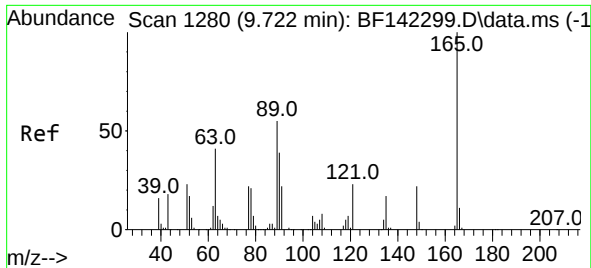


#50
Dimethylphthalate
Concen: 41.434 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:163 Resp: 954219
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.3 12.5

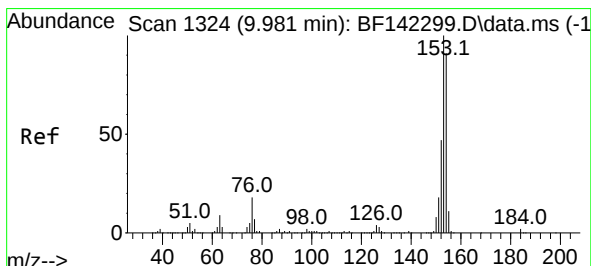
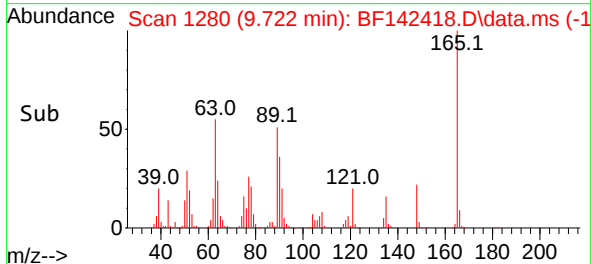
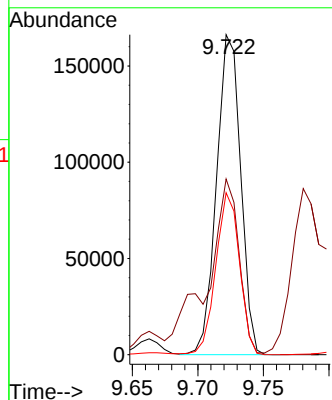
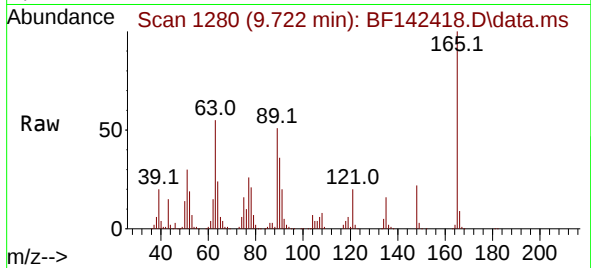




#51
2,6-Dinitrotoluene
Concen: 49.325 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

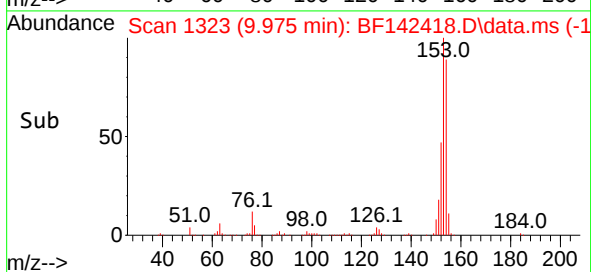
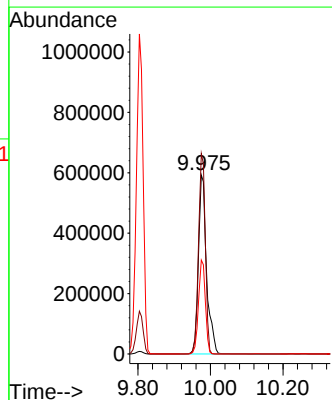
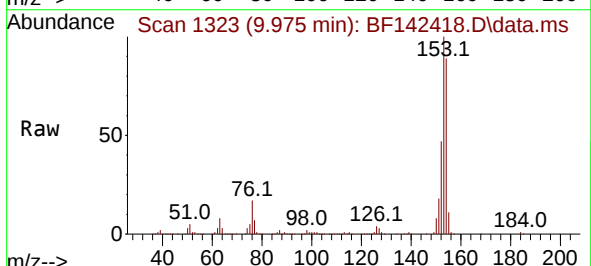
Instrument :
BNA_F
ClientSampleId :
PB168000BS

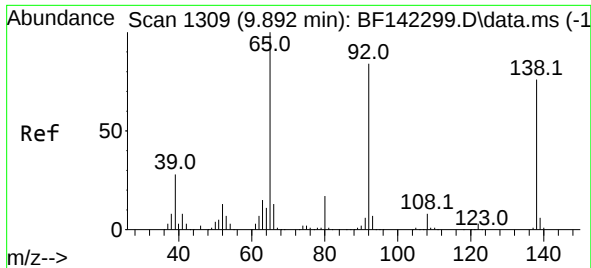
Tgt Ion:165 Resp: 212630
Ion Ratio Lower Upper
165 100
63 54.9 49.5 74.3
89 50.6 44.6 66.8



#52
Acenaphthene
Concen: 44.987 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:154 Resp: 925389
Ion Ratio Lower Upper
154 100
153 111.9 88.0 132.0
152 52.5 41.6 62.4

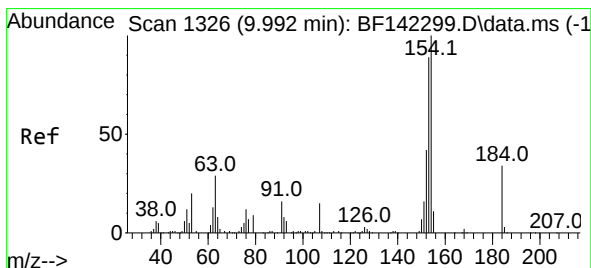
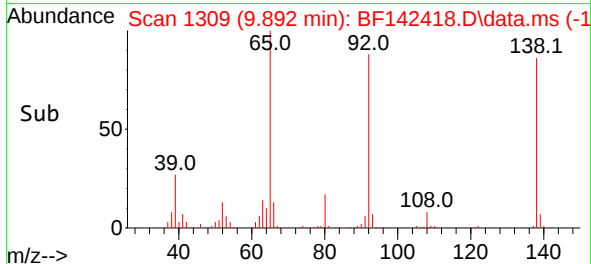
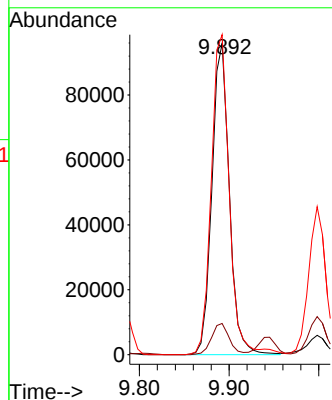
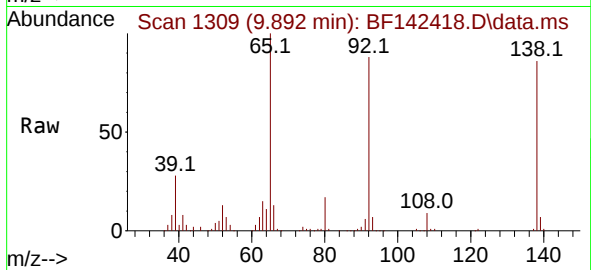




#53
3-Nitroaniline
Concen: 25.571 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

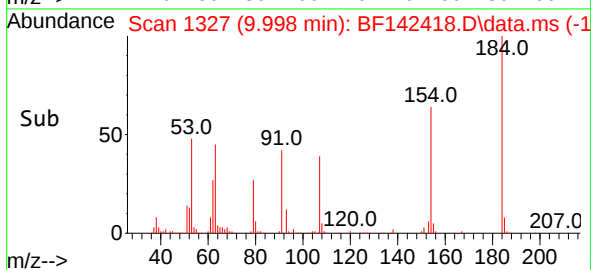
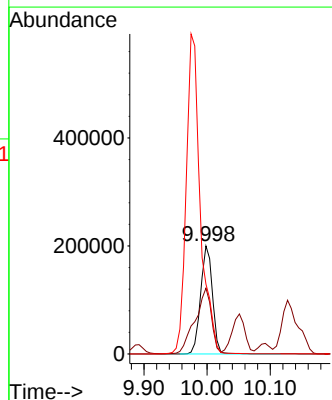
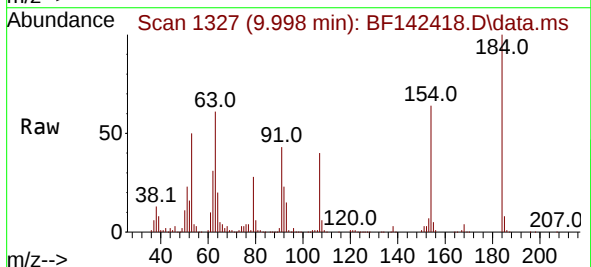
Instrument :
BNA_F
ClientSampleId :
PB168000BS

Tgt Ion:138 Resp: 129278
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 102.8 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 112.243 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:184 Resp: 260837
Ion Ratio Lower Upper
184 100
63 60.9 70.6 105.8#
154 64.5 257.2 385.8#

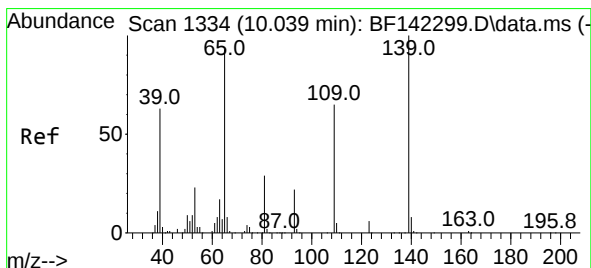
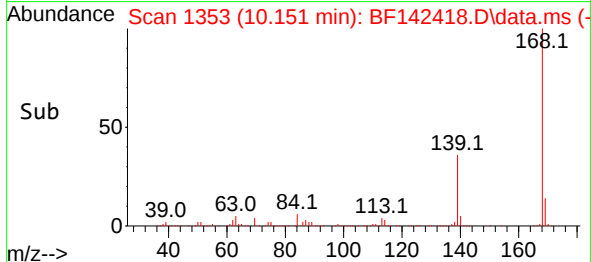
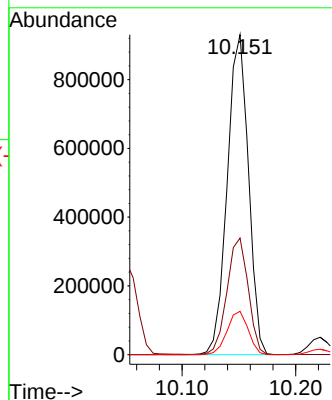
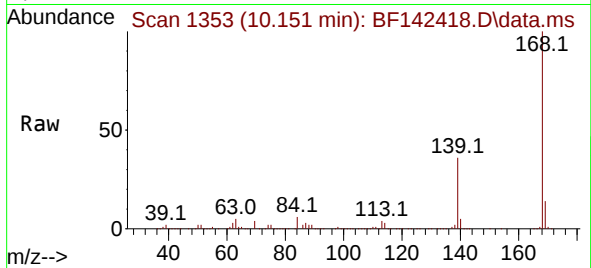




#55
Dibenzofuran
Concen: 39.654 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

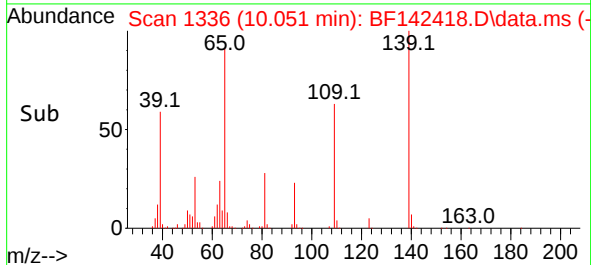
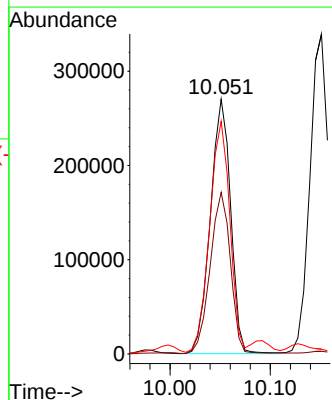
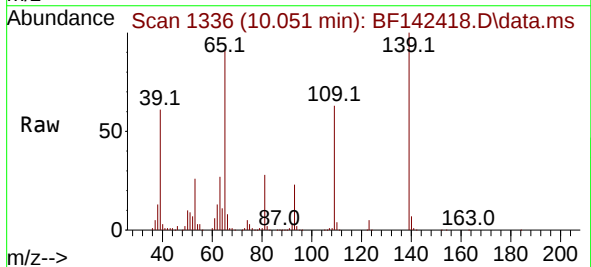
Instrument :
BNA_F
ClientSampleId :
PB168000BS

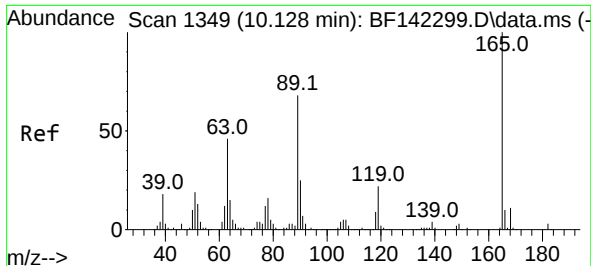
Tgt Ion:168 Resp: 1203834
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 99.633 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

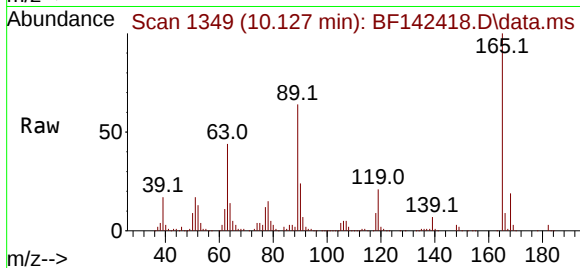
Tgt Ion:139 Resp: 379108
Ion Ratio Lower Upper
139 100
109 63.4 45.3 85.3
65 91.2 73.9 113.9



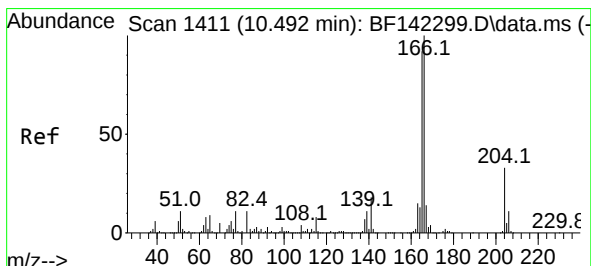
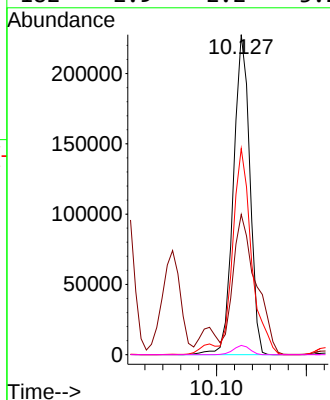
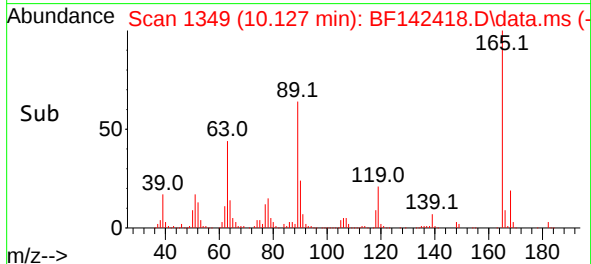


#57
2,4-Dinitrotoluene
Concen: 52.395 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

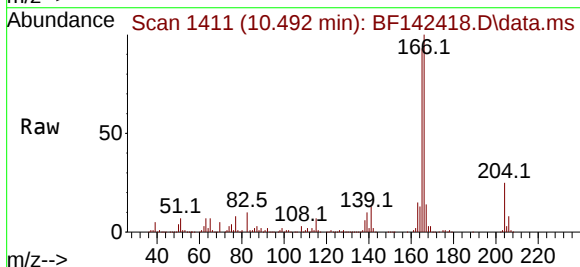
Instrument :
BNA_F
ClientSampleId :
PB168000BS



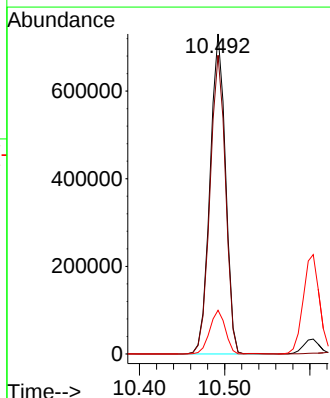
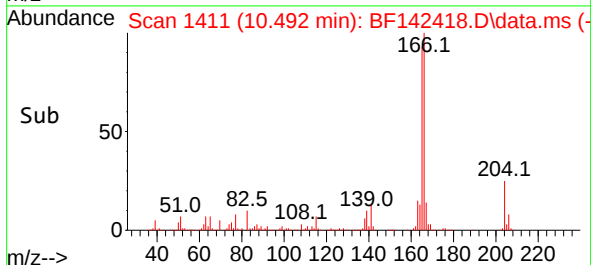
Tgt Ion:165 Resp: 289718
Ion Ratio Lower Upper
165 100
63 43.8 37.1 55.7
89 64.4 54.4 81.6
182 2.9 2.2 3.2

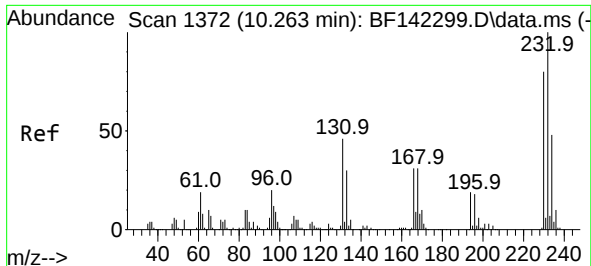


#58
Fluorene
Concen: 39.850 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43



Tgt Ion:166 Resp: 923244
Ion Ratio Lower Upper
166 100
165 93.4 74.0 111.0
167 13.6 10.9 16.3

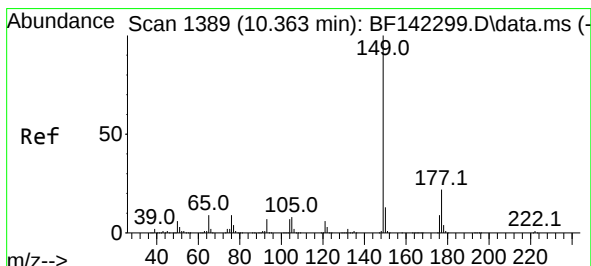
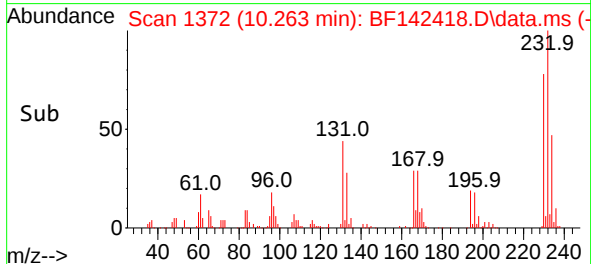
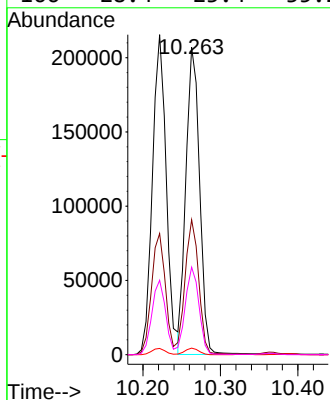
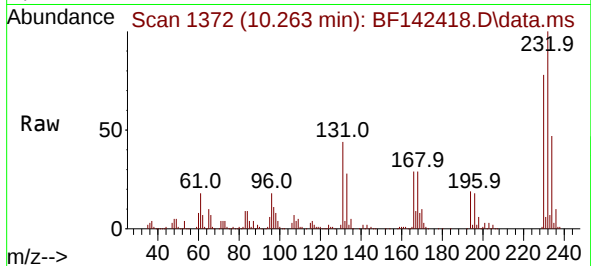




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.898 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

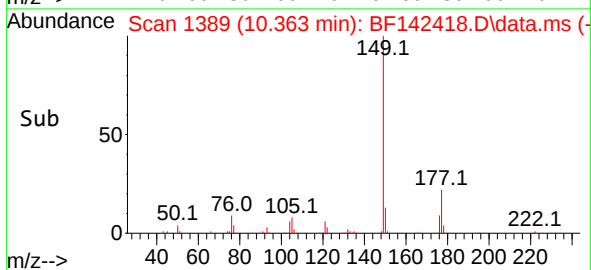
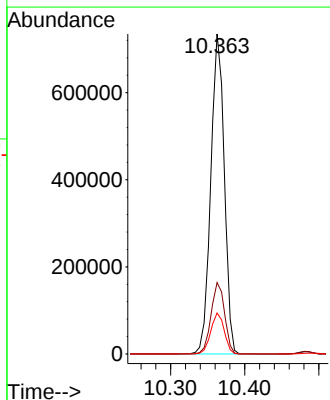
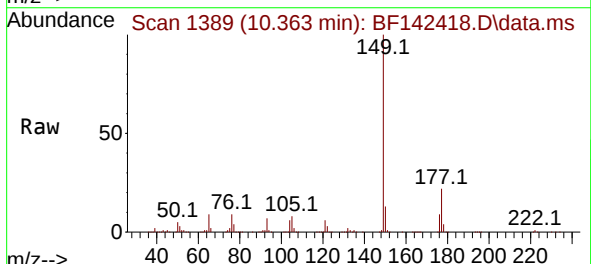
Instrument :
BNA_F
ClientSampleId :
PB168000BS

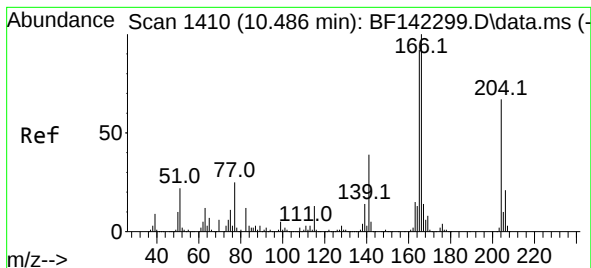
Tgt Ion:232 Resp: 254716
Ion Ratio Lower Upper
232 100
131 44.3 36.0 54.0
130 2.1 1.8 2.6
166 28.4 23.4 35.2



#60
Diethylphthalate
Concen: 40.389 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:149 Resp: 928901
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.8 10.1 15.1

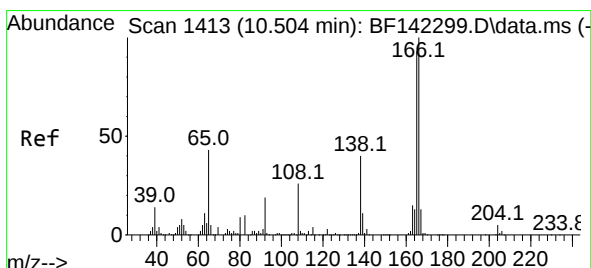
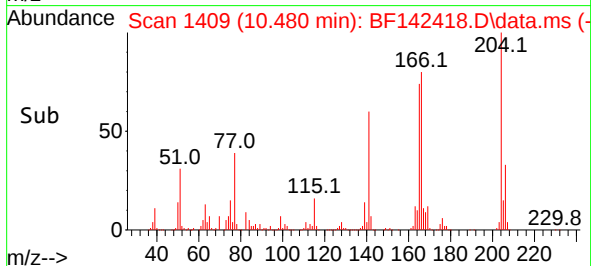
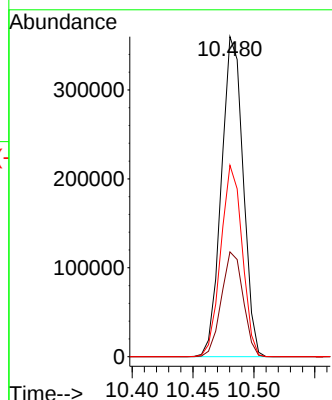
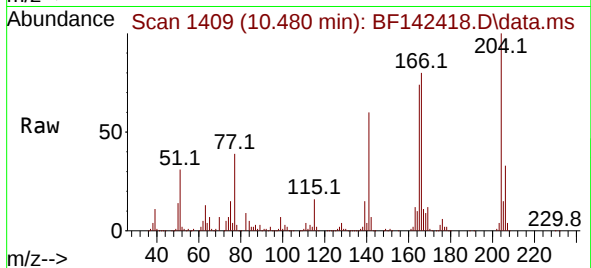




#61
4-Chlorophenyl-phenylether
Concen: 40.037 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

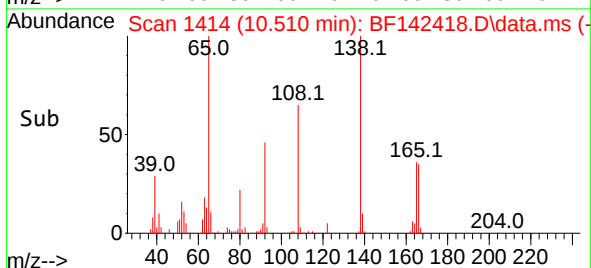
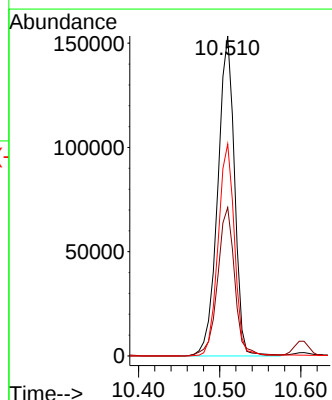
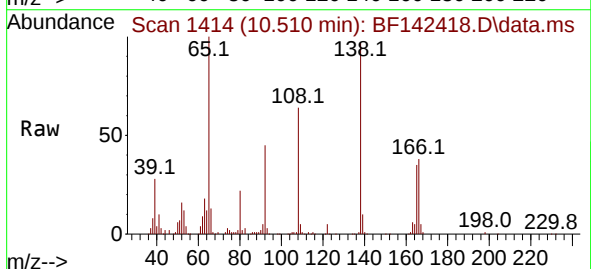
Instrument :
BNA_F
ClientSampleId :
PB168000BS

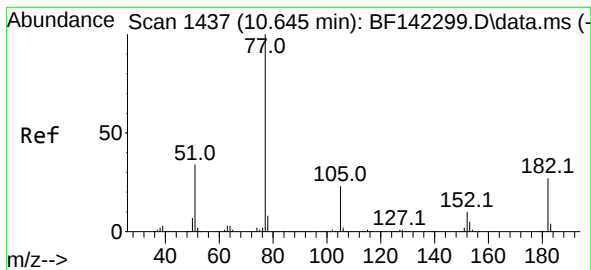
Tgt Ion:204 Resp: 447520
Ion Ratio Lower Upper
204 100
206 32.8 25.5 38.3
141 59.8 46.4 69.6



#62
4-Nitroaniline
Concen: 55.268 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:138 Resp: 221459
Ion Ratio Lower Upper
138 100
92 46.4 27.3 67.3
108 66.2 45.1 85.1

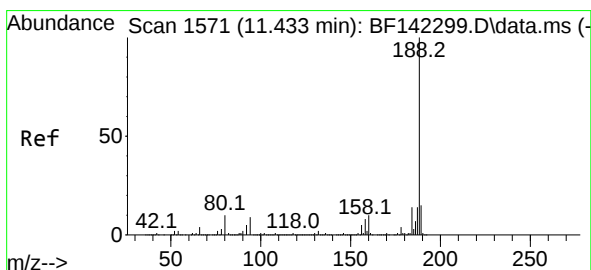
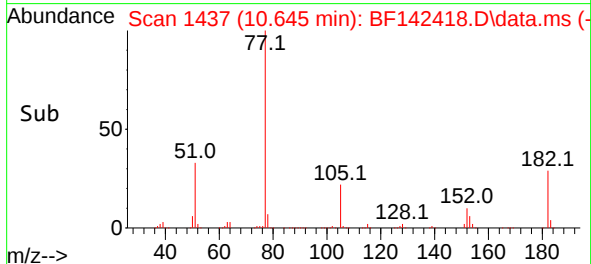
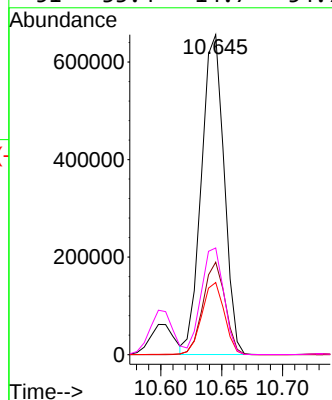
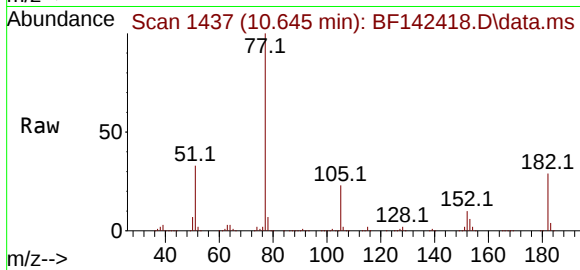




#63
Azobenzene
Concen: 38.599 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

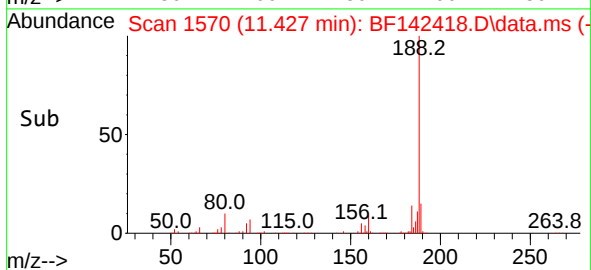
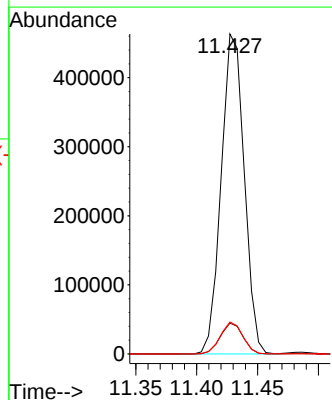
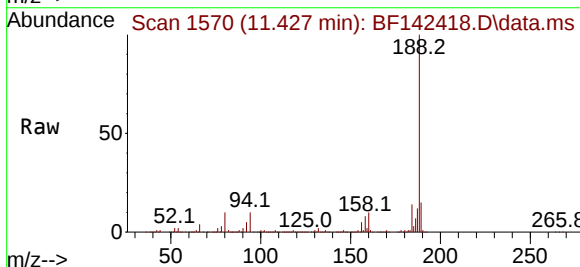
Instrument :
BNA_F
ClientSampleId :
PB168000BS

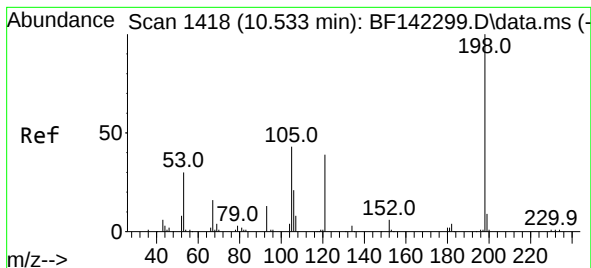
Tgt Ion: 77	Resp: 848301
Ion Ratio	Lower Upper
77 100	
182 28.9	6.9 46.9
105 22.6	2.7 42.7
51 33.4	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:188	Resp: 610277		
Ion Ratio	Lower	Upper	
188 100			
94 9.7	7.5	11.3	
80 10.0	7.9	11.9	

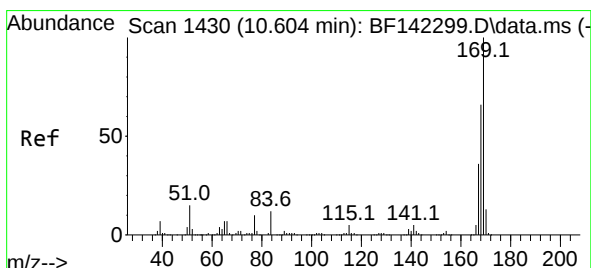
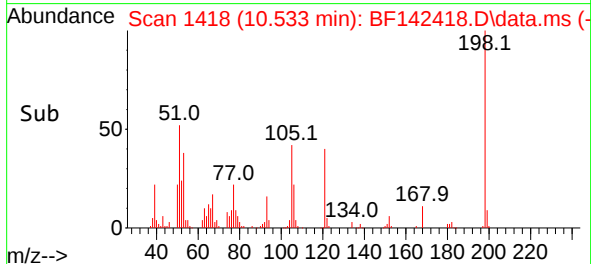
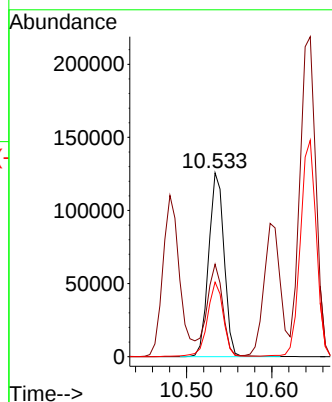
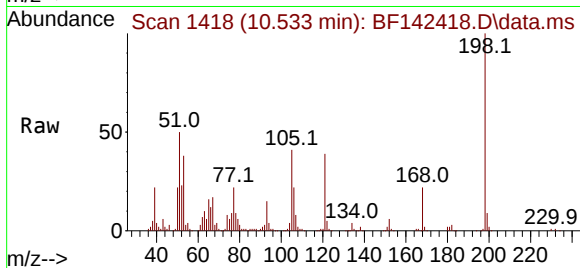




#65
4,6-Dinitro-2-methylphenol
Concen: 54.443 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

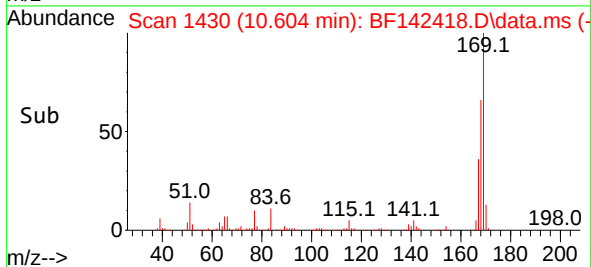
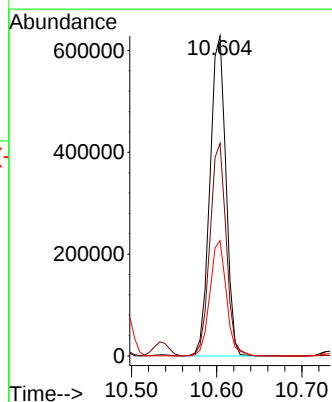
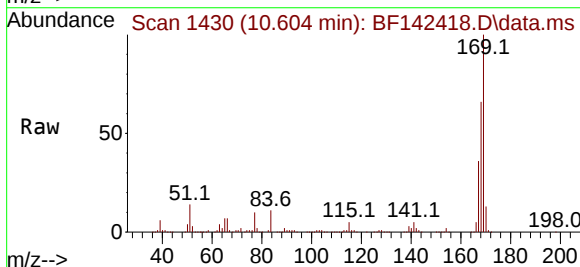
Instrument :
BNA_F
ClientSampleId :
PB168000BS

Tgt Ion:198 Resp: 158107
Ion Ratio Lower Upper
198 100
51 50.3 32.9 72.9
105 40.5 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 40.344 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:169 Resp: 819284
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.1 28.9 43.3

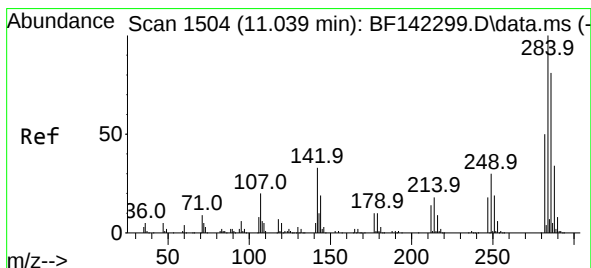
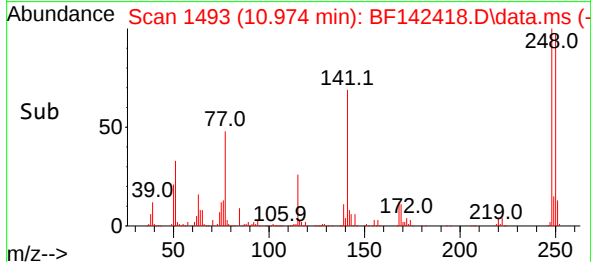
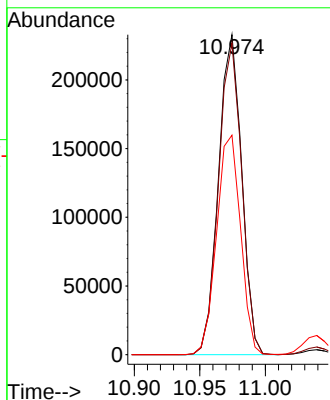
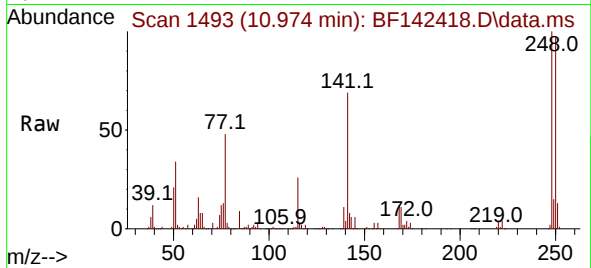




#67
4-Bromophenyl-phenylether
Concen: 41.482 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

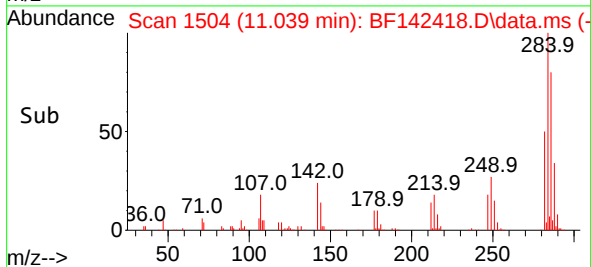
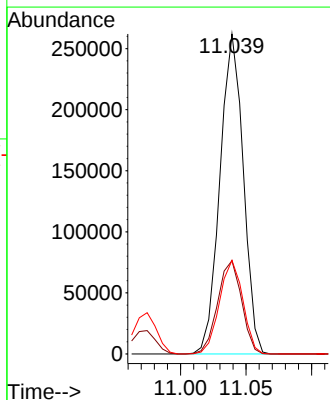
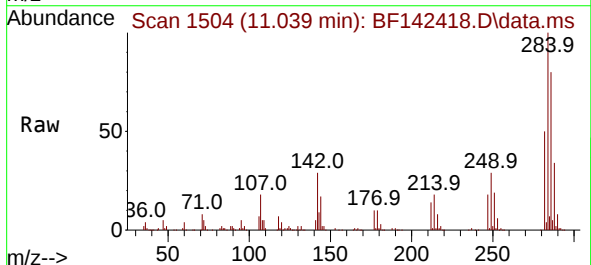
Instrument :
BNA_F
ClientSampleId :
PB168000BS

Tgt Ion:248 Resp: 286907
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 68.6 59.8 89.8



#68
Hexachlorobenzene
Concen: 42.595 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:284 Resp: 324064
Ion Ratio Lower Upper
284 100
142 29.1 26.6 39.8
249 29.3 24.1 36.1





#69

Atrazine

Concen: 46.265 ng

RT: 11.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

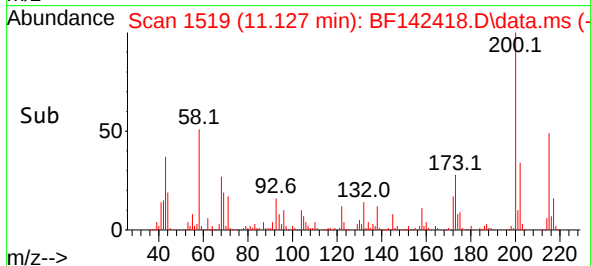
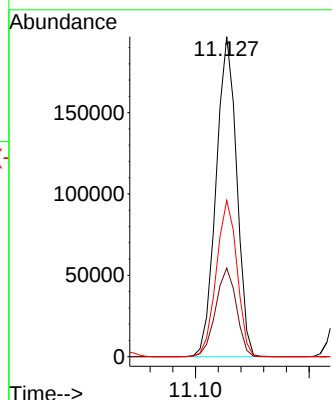
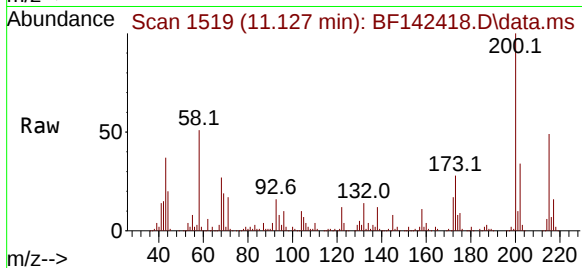
Tgt Ion:200 Resp: 247665

Ion Ratio Lower Upper

200 100

173 27.7 8.1 48.1

215 48.9 28.8 68.8



#70

Pentachlorophenol

Concen: 97.442 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

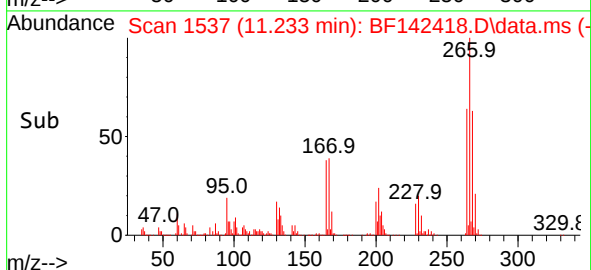
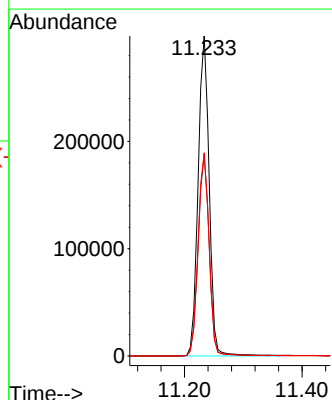
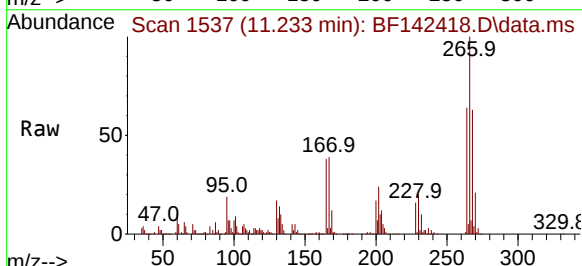
Tgt Ion:266 Resp: 389996

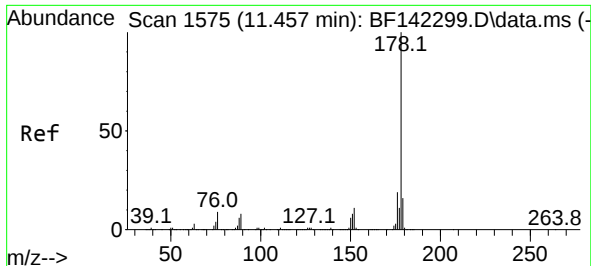
Ion Ratio Lower Upper

266 100

268 63.0 48.7 73.1

264 63.5 49.8 74.6

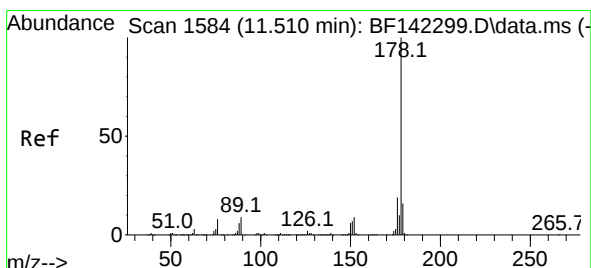
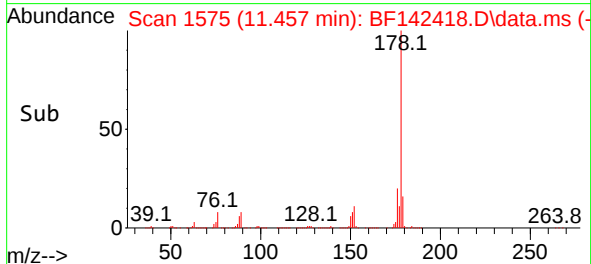
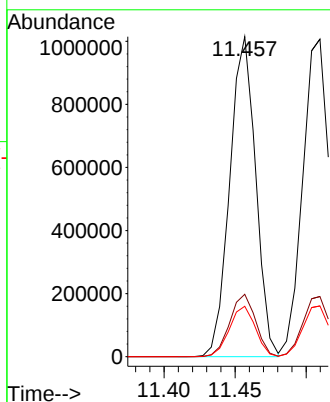
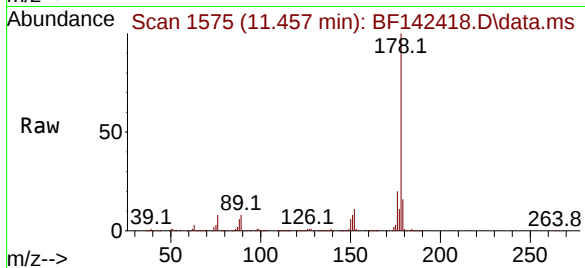




#71
Phenanthrene
Concen: 40.251 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

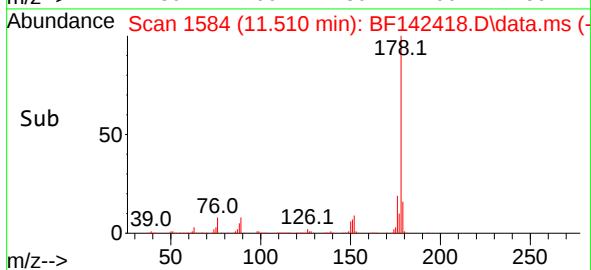
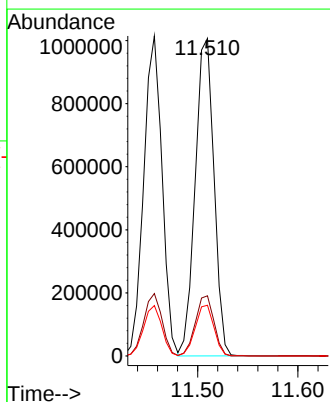
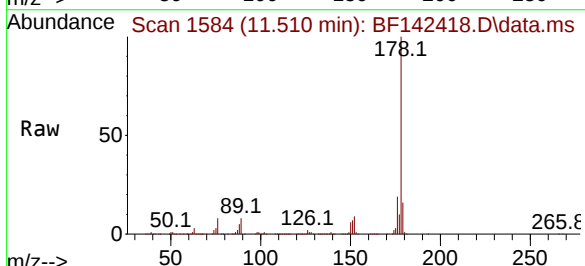
Instrument :
BNA_F
ClientSampleId :
PB168000BS

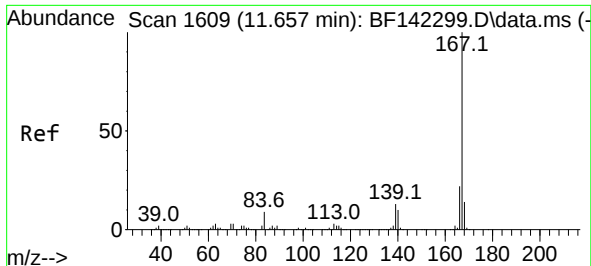
Tgt Ion:178 Resp: 1287589
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.8 12.6 18.8



#72
Anthracene
Concen: 39.965 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:178 Resp: 1313620
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 16.0 12.6 18.8

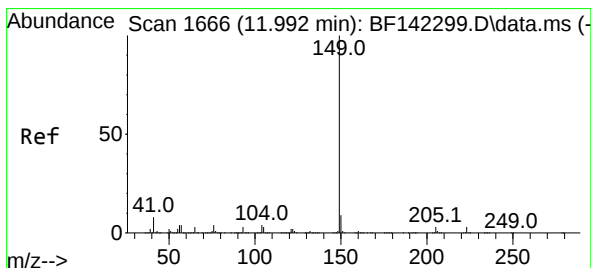
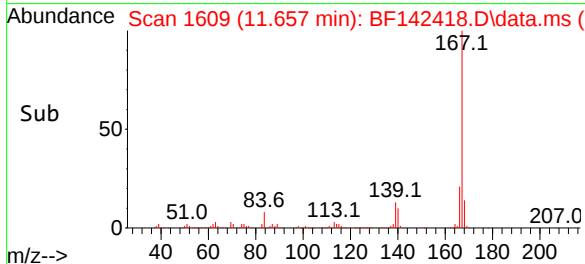
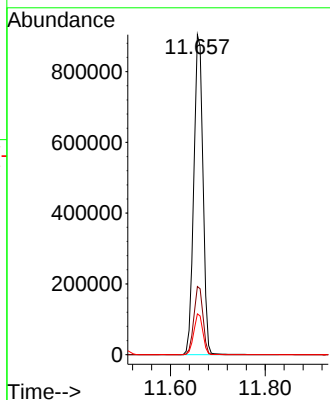
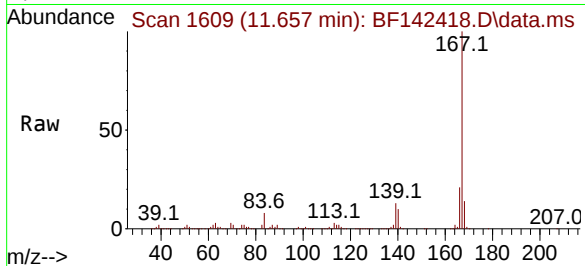




#73
 Carbazole
 Concen: 41.203 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

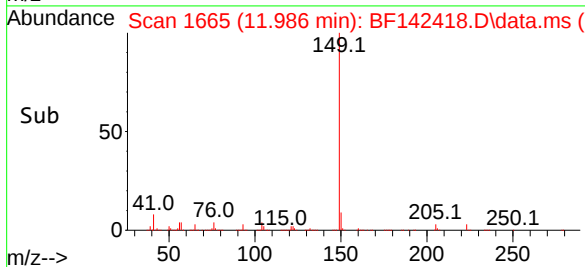
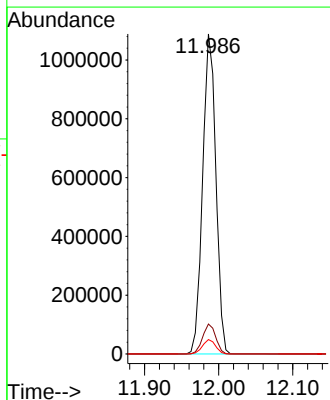
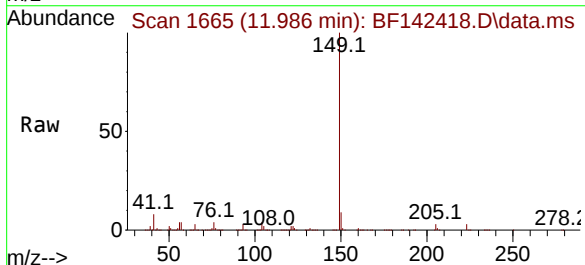
Instrument :
 BNA_F
 ClientSampleId :
 PB168000BS

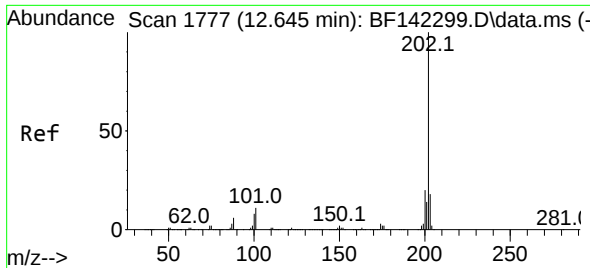
Tgt Ion:167 Resp: 1215031
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 43.581 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

Tgt Ion:149 Resp: 1351382
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.5 3.6 5.4

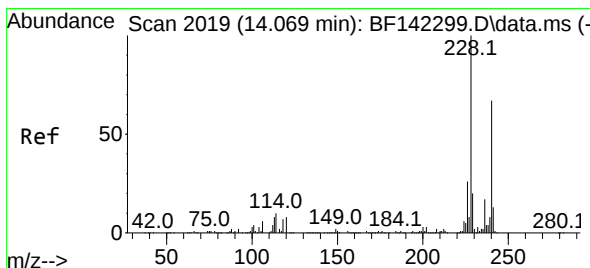
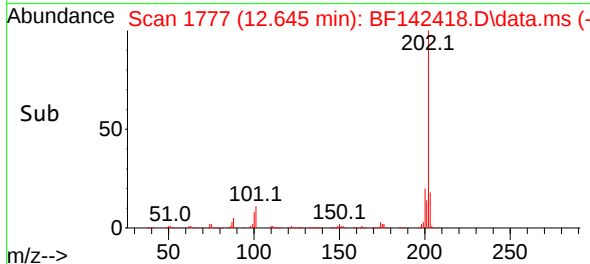
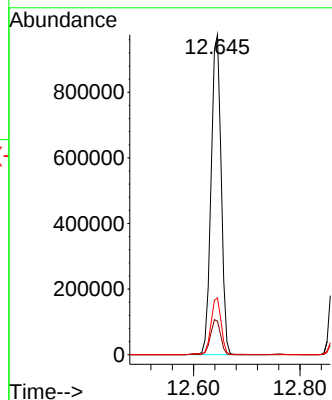
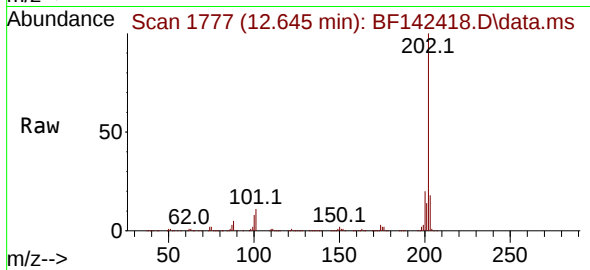




#75
Fluoranthene
Concen: 40.066 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

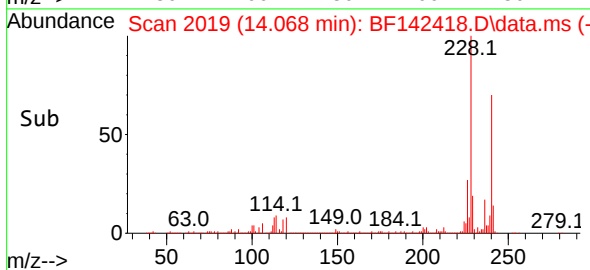
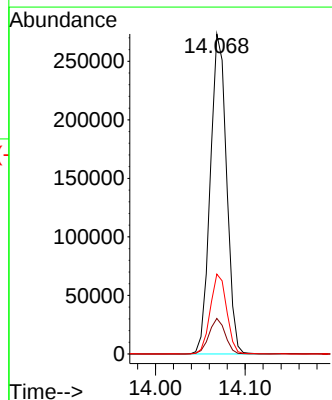
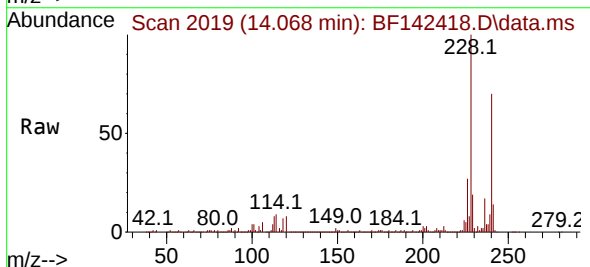
Instrument :
BNA_F
ClientSampleId :
PB168000BS

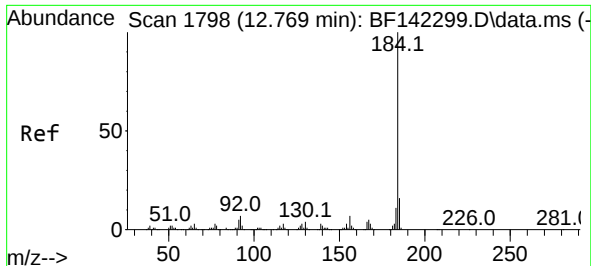
Tgt Ion:202 Resp: 1281209
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:240 Resp: 344602
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 24.9 20.0 30.0

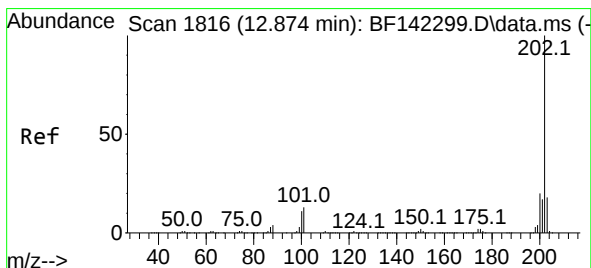
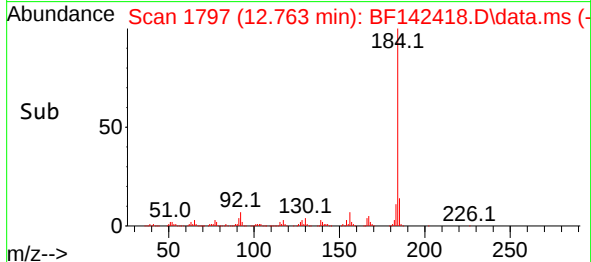
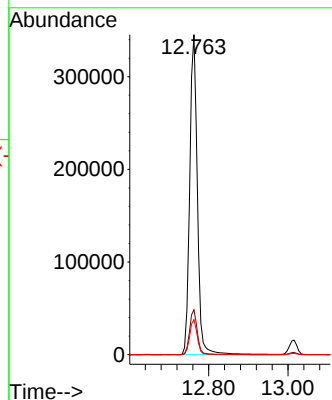
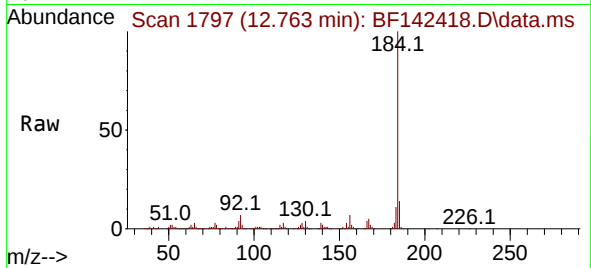




#77
Benzidine
Concen: 74.081 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

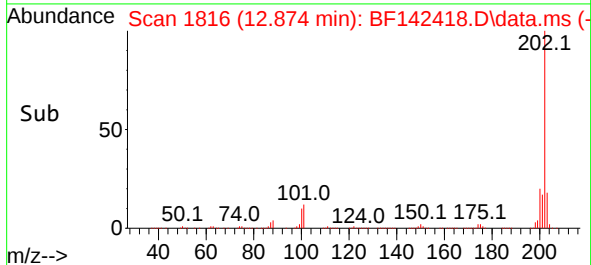
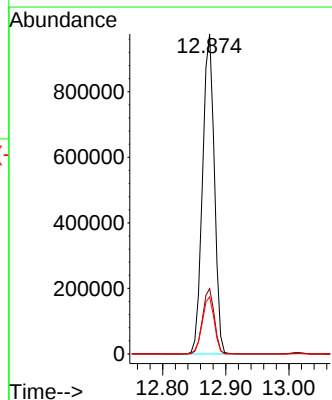
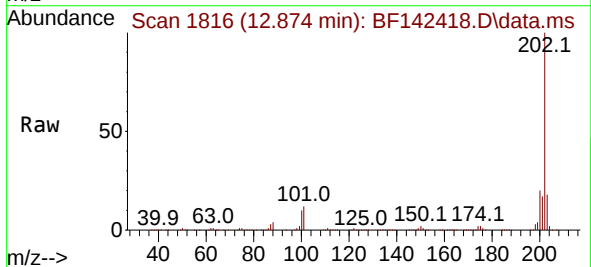
Instrument :
BNA_F
ClientSampleId :
PB168000BS

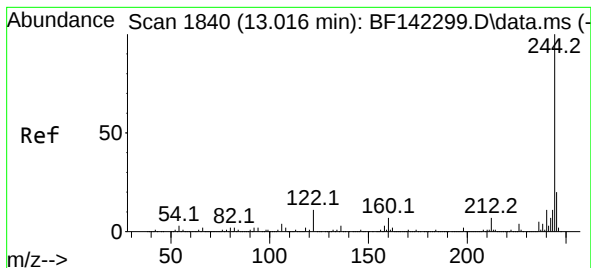
Tgt Ion:184 Resp: 463926
Ion Ratio Lower Upper
184 100
185 14.0 12.6 18.8
183 11.0 8.6 12.8



#78
Pyrene
Concen: 41.327 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:202 Resp: 1267609
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 74.418 ng

RT: 13.015 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

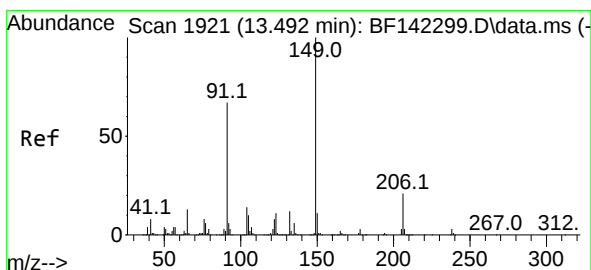
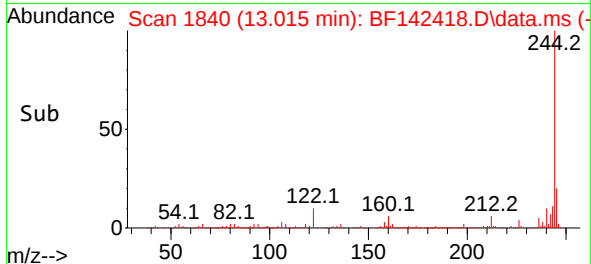
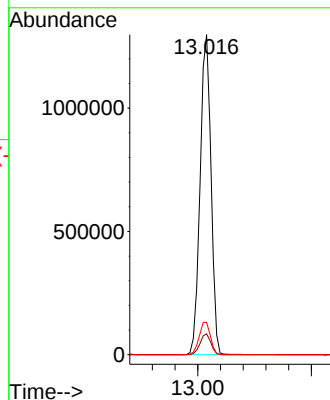
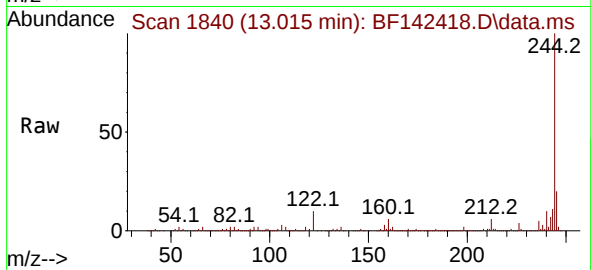
Tgt Ion:244 Resp: 1732629

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 44.936 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

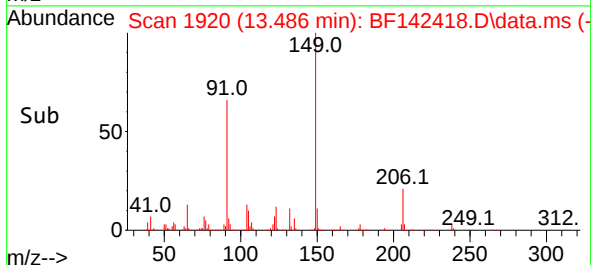
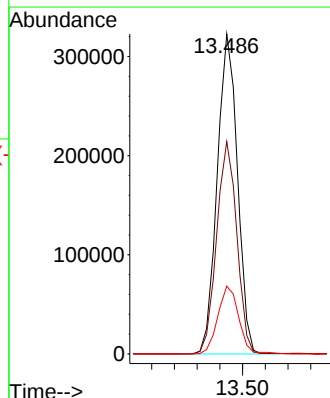
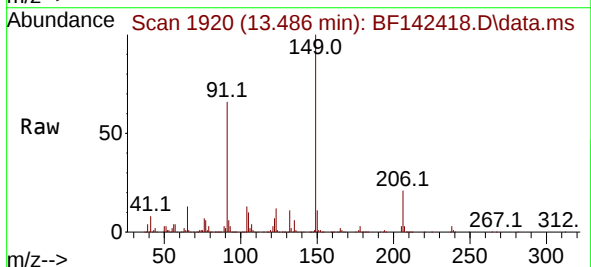
Tgt Ion:149 Resp: 399980

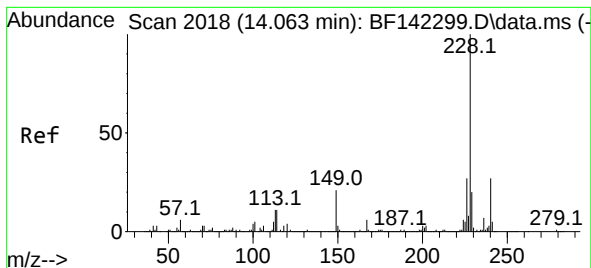
Ion Ratio Lower Upper

149 100

91 66.3 53.8 80.6

206 21.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 43.048 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

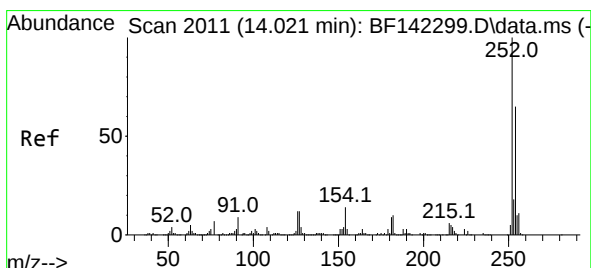
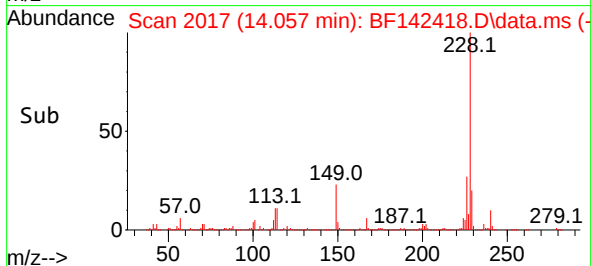
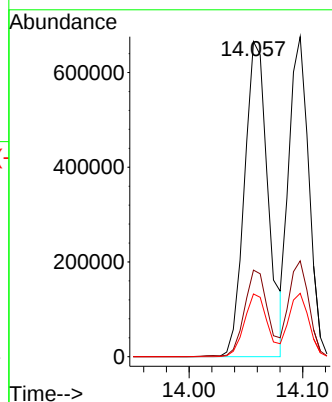
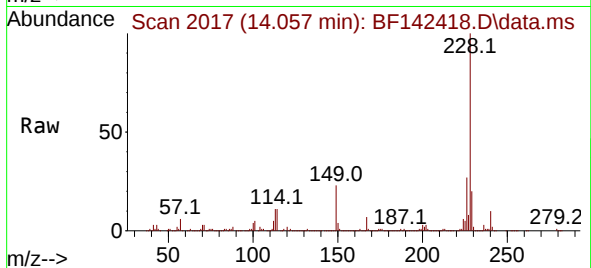
Tgt Ion:228 Resp: 960705

Ion Ratio Lower Upper

228 100

226 27.5 21.5 32.3

229 19.9 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 34.893 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

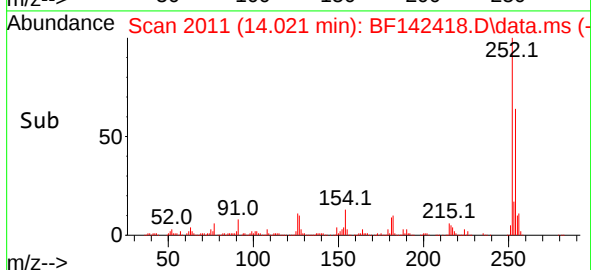
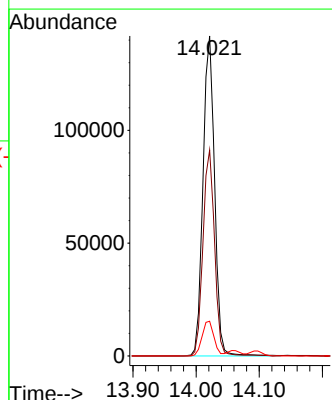
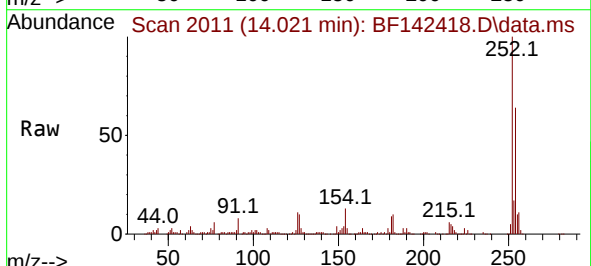
Tgt Ion:252 Resp: 181087

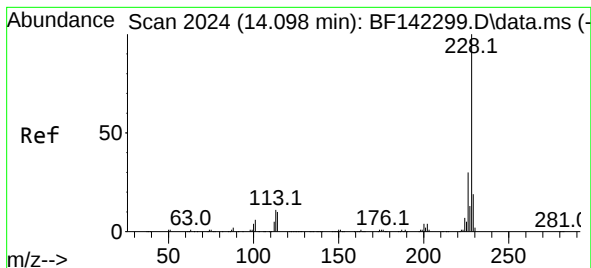
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 10.8 9.7 14.5





#83

Chrysene

Concen: 39.580 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

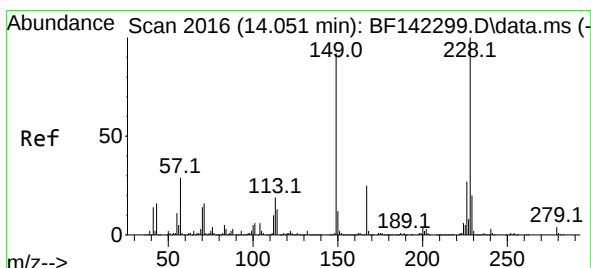
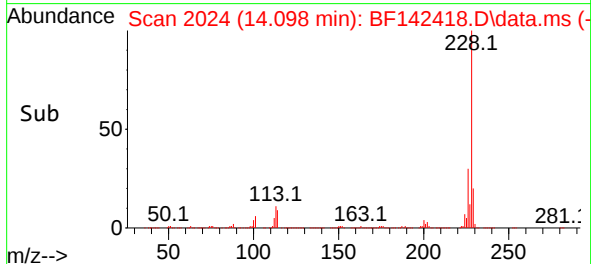
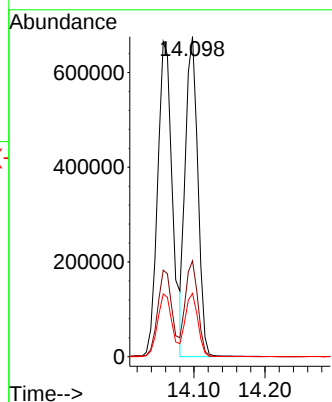
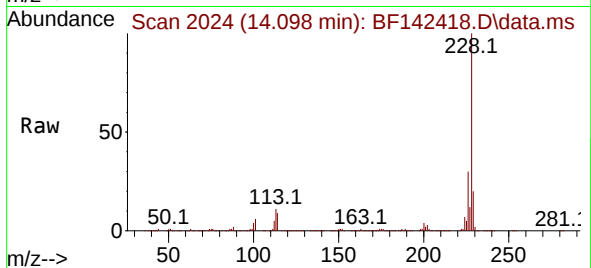
Tgt Ion:228 Resp: 822280

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.761 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

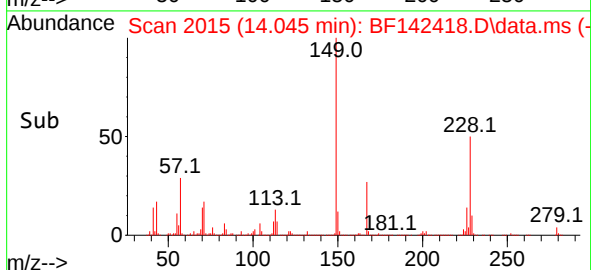
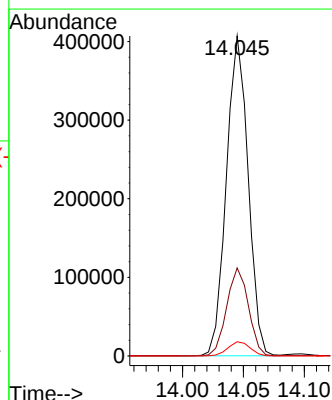
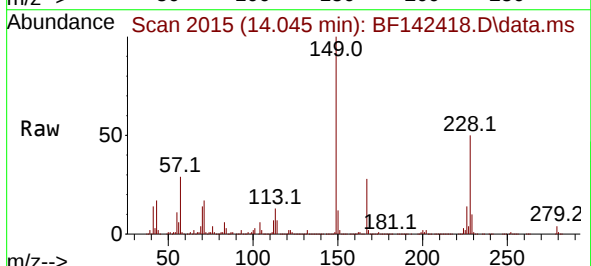
Tgt Ion:149 Resp: 505347

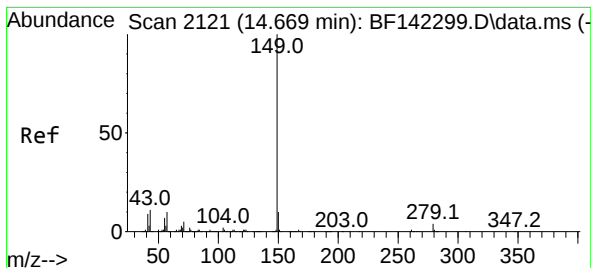
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 45.133 ng

RT: 14.662 min Scan# 2121

Delta R.T. -0.007 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

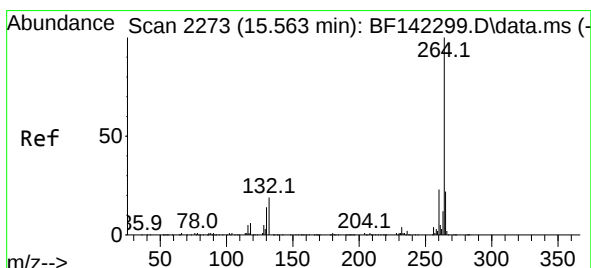
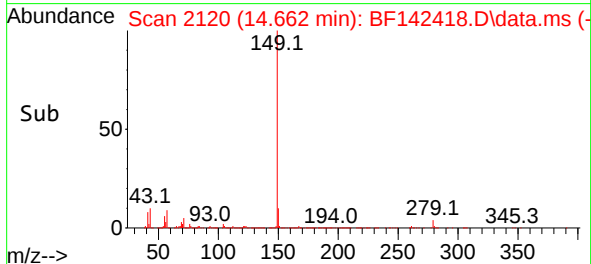
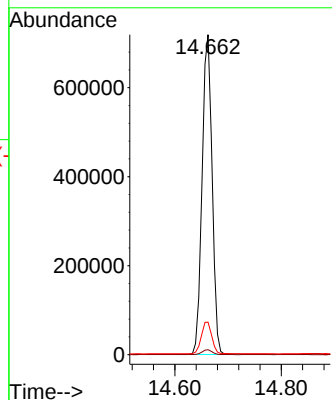
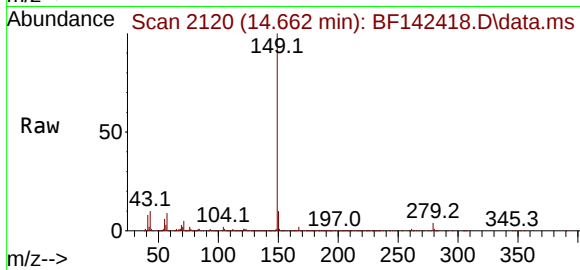
Tgt Ion:149 Resp: 936824

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

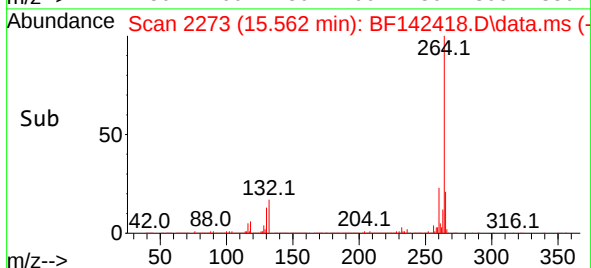
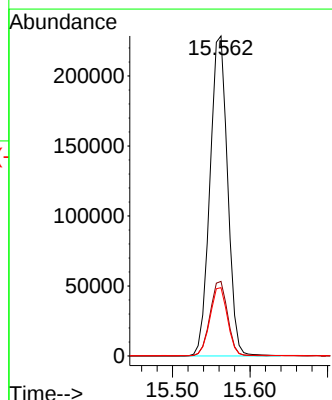
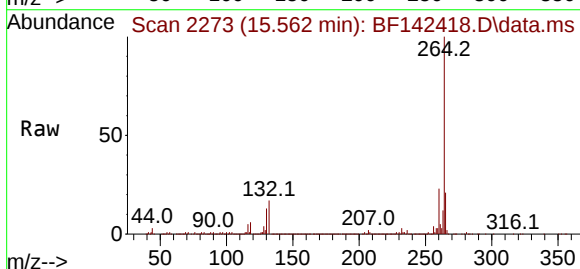
Tgt Ion:264 Resp: 361352

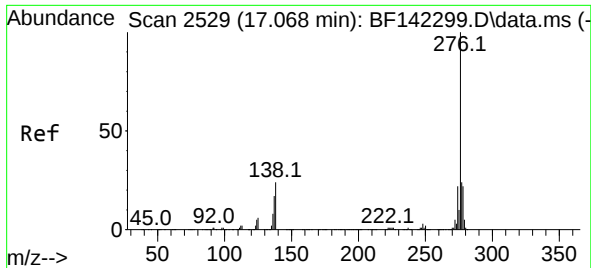
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.3 17.5 26.3

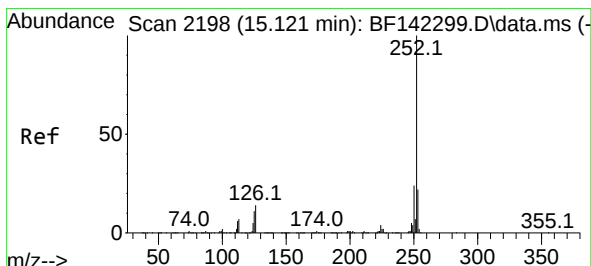
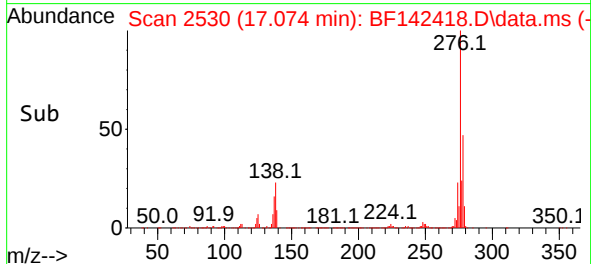
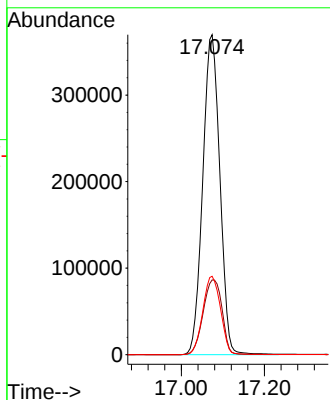
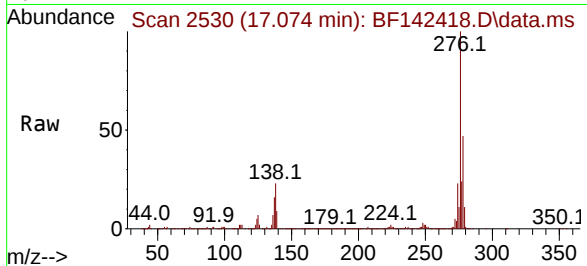




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.038 ng
 RT: 17.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

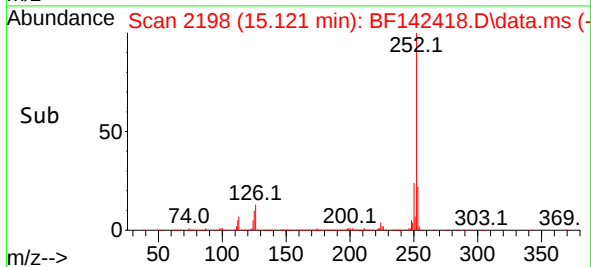
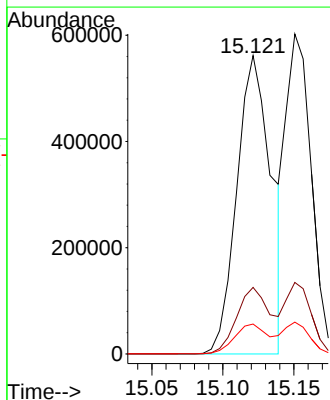
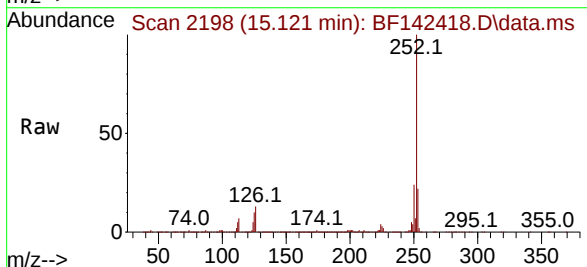
Instrument :
 BNA_F
 ClientSampleId :
 PB168000BS

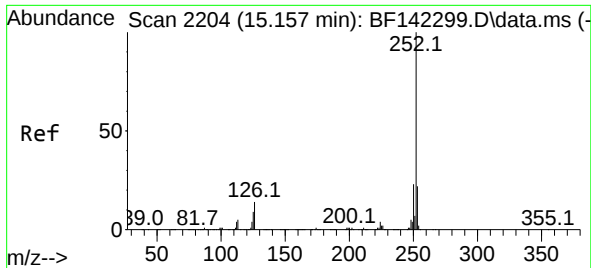
Tgt Ion:276 Resp: 1056699
 Ion Ratio Lower Upper
 276 100
 138 25.9 22.0 33.0
 277 25.5 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 43.114 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142418.D
 Acq: 16 May 2025 10:43

Tgt Ion:252 Resp: 943574
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 10.0 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 37.808 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

Instrument :

BNA_F

ClientSampleId :

PB168000BS

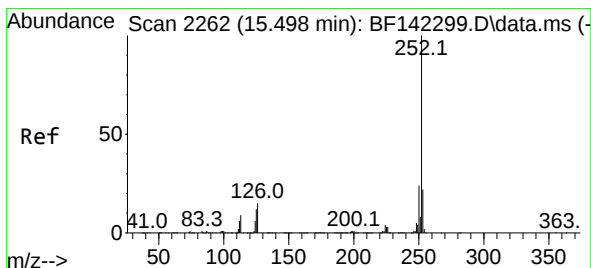
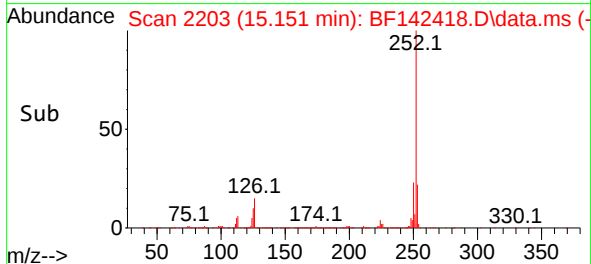
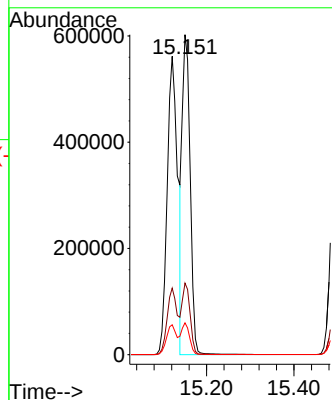
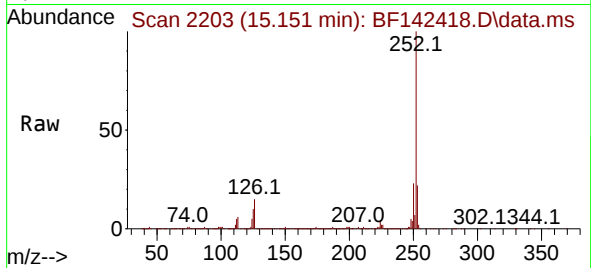
Tgt Ion:252 Resp: 757229

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.0 8.1 12.1



#90

Benzo(a)pyrene

Concen: 42.741 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF142418.D

Acq: 16 May 2025 10:43

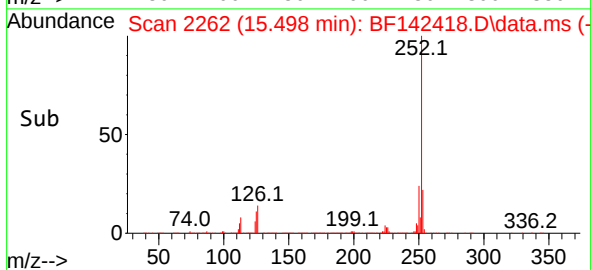
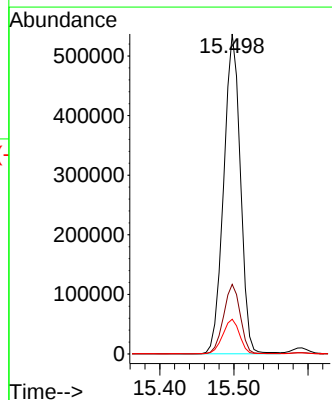
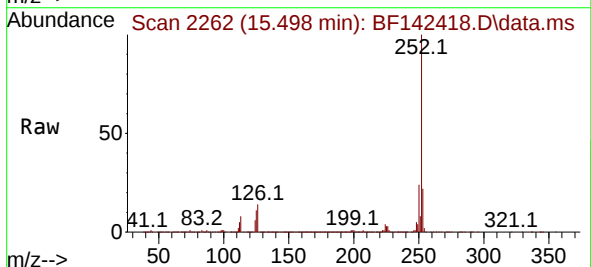
Tgt Ion:252 Resp: 838232

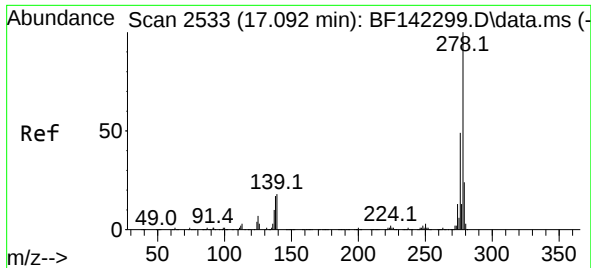
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.9 9.4 14.0

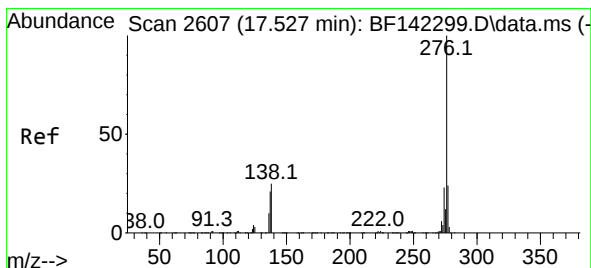
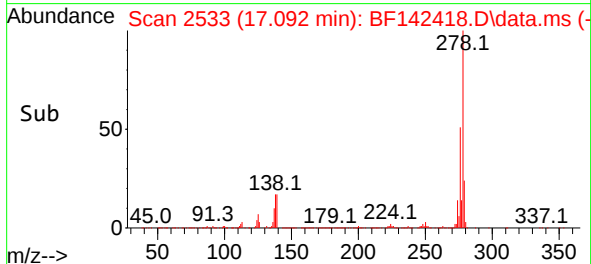
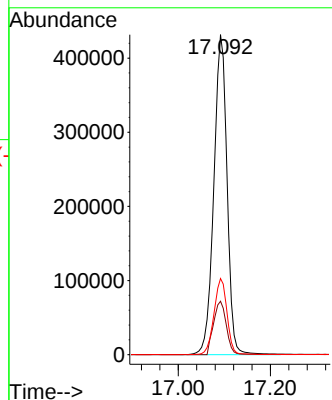
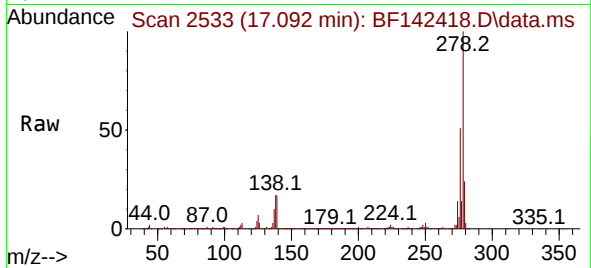




#91
Dibenzo(a,h)anthracene
Concen: 41.468 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Instrument :
BNA_F
ClientSampleId :
PB168000BS

Tgt Ion:278 Resp: 861169
Ion Ratio Lower Upper
278 100
139 16.7 14.5 21.7
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 41.192 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142418.D
Acq: 16 May 2025 10:43

Tgt Ion:276 Resp: 849011
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 22.8 19.8 29.6

