

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142117.D
 Acq On : 27 Mar 2025 10:33
 Operator : RC/JU
 Sample : PB167321BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167321BS

Quant Time: Mar 27 11:47:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	128221	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	507131	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	310958	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	550860	20.000	ng	0.00
76) Chrysene-d12	14.039	240	326385	20.000	ng	0.00
86) Perylene-d12	15.510	264	360617	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1091445	142.065	ng	0.00
7) Phenol-d6	6.504	99	1323739	135.327	ng	0.00
23) Nitrobenzene-d5	7.434	82	881553	97.825	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	656357	166.381	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1980275	96.850	ng	-0.01
79) Terphenyl-d14	12.980	244	2337171	105.869	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	137880	42.832	ng	97
3) Pyridine	3.463	79	373242	47.269	ng	97
4) n-Nitrosodimethylamine	3.416	42	171807	45.645	ng	95
6) Aniline	6.534	93	367516	38.086	ng	96
8) 2-Chlorophenol	6.657	128	455191	53.422	ng	97
9) Benzaldehyde	6.422	77	282787	51.691	ng	99
10) Phenol	6.516	94	509173	49.479	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	380073	49.187	ng	97
12) 1,3-Dichlorobenzene	6.810	146	475831	51.726	ng	100
13) 1,4-Dichlorobenzene	6.887	146	483289	51.925	ng	99
14) 1,2-Dichlorobenzene	7.040	146	464896	53.030	ng	99
15) Benzyl Alcohol	7.010	79	383431	48.486	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	427224	45.796	ng	97
17) 2-Methylphenol	7.122	107	354011	52.254	ng	99
18) Hexachloroethane	7.381	117	178715	51.205	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	292864	46.595	ng	98
20) 3+4-Methylphenols	7.275	107	438991	50.588	ng	# 87
22) Acetophenone	7.281	105	592291	48.770	ng	97
24) Nitrobenzene	7.457	77	451130	50.358	ng	97
25) Isophorone	7.692	82	827949	51.976	ng	99
26) 2-Nitrophenol	7.769	139	243058	55.280	ng	98
27) 2,4-Dimethylphenol	7.804	122	415601	68.646	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	492540	49.298	ng	99
29) 2,4-Dichlorophenol	8.010	162	390617	51.980	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	434913	52.516	ng	99
31) Naphthalene	8.175	128	1299645	49.889	ng	100
32) Benzoic acid	7.928	122	278315	52.296	ng	97
33) 4-Chloroaniline	8.222	127	123638	13.444	ng	98
34) Hexachlorobutadiene	8.292	225	290731	53.831	ng	99
35) Caprolactam	8.598	113	79578	34.734	ng	88
36) 4-Chloro-3-methylphenol	8.704	107	437420	52.181	ng	98
37) 2-Methylnaphthalene	8.869	142	846210	48.598	ng	99
38) 1-Methylnaphthalene	8.969	142	875749	52.119	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	488435	51.591	ng	98
41) Hexachlorocyclopentadiene	9.022	237	682887	184.307	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	315109	50.928	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	347194	55.404	ng	98
46) 1,1'-Biphenyl	9.333	154	1195005	50.578	ng	99
47) 2-Chloronaphthalene	9.357	162	903017	51.278	ng	98
48) 2-Nitroaniline	9.451	65	256605	50.325	ng	97
49) Acenaphthylene	9.775	152	1433699	54.861	ng	100
50) Dimethylphthalate	9.633	163	1125321	51.678	ng	100
51) 2,6-Dinitrotoluene	9.698	165	250743	55.304	ng	89
52) Acenaphthene	9.945	154	1046007	56.956	ng	100
53) 3-Nitroaniline	9.863	138	99342	21.601	ng	97
54) 2,4-Dinitrophenol	9.975	184	289587	109.752	ng	# 44
55) Dibenzofuran	10.116	168	1272272	48.483	ng	99
56) 4-Nitrophenol	10.028	139	385796	111.236	ng	95
57) 2,4-Dinitrotoluene	10.098	165	337634	57.016	ng	99
58) Fluorene	10.463	166	1024700	50.636	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	308000	54.013	ng	97
60) Diethylphthalate	10.333	149	1058669	48.757	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	534893	50.698	ng	97
62) 4-Nitroaniline	10.480	138	236418	52.802	ng	99
63) Azobenzene	10.610	77	975032	48.300	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	202618	61.700	ng	95
66) n-Nitrosodiphenylamine	10.569	169	926750	51.988	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	364685	52.714	ng	97
68) Hexachlorobenzene	11.010	284	424471	55.942	ng	93
69) Atrazine	11.098	200	357448	65.410	ng	99
70) Pentachlorophenol	11.204	266	484020	103.534	ng	99
71) Phenanthrene	11.422	178	1571298	52.810	ng	99
72) Anthracene	11.475	178	1554485	52.075	ng	99
73) Carbazole	11.627	167	1353296	52.568	ng	100
74) Di-n-butylphthalate	11.957	149	1738986	50.909	ng	99
75) Fluoranthene	12.610	202	1517781	48.089	ng	100
77) Benzidine	12.733	184	451729	99.201	ng	99
78) Pyrene	12.839	202	1487561	52.689	ng	100
80) Butylbenzylphthalate	13.457	149	572968	51.851	ng	98
81) Benzo(a)anthracene	14.027	228	1136487	53.063	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	97598	15.769	ng	100
83) Chrysene	14.063	228	1057348	54.462	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	754478	49.519	ng	99
85) Di-n-octyl phthalate	14.627	149	1149381	54.218	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	1258432	53.946	ng	98
88) Benzo(b)fluoranthene	15.080	252	1241107	50.216	ng	100
89) Benzo(k)fluoranthene	15.110	252	985943	46.616	ng	99
90) Benzo(a)pyrene	15.451	252	1064781	55.060	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1024547	53.231	ng	98
92) Benzo(g,h,i)perylene	17.456	276	977784	51.408	ng	99

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

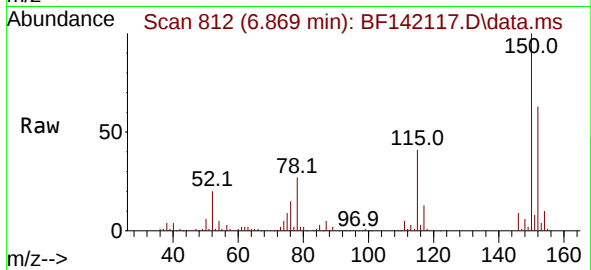
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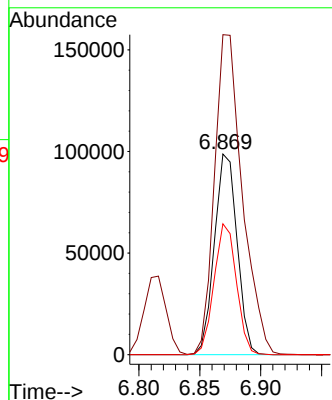
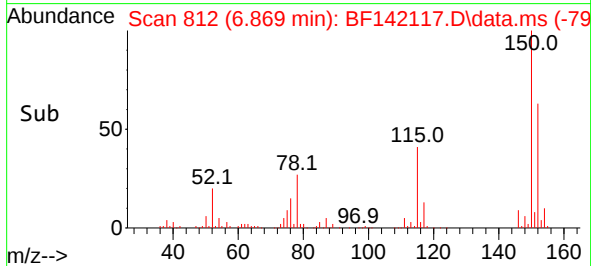


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

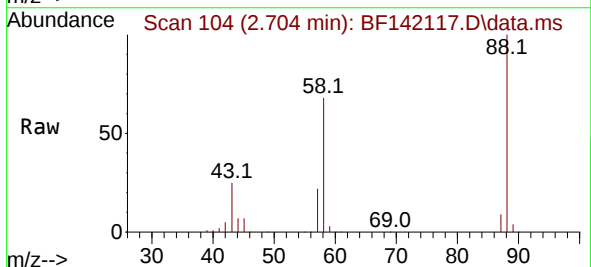
Instrument :
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PB167321BS



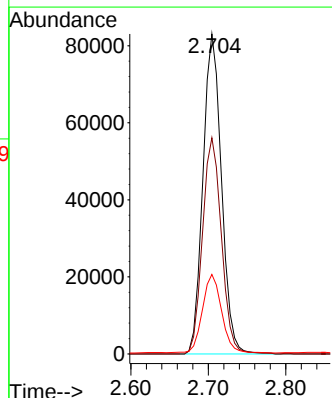
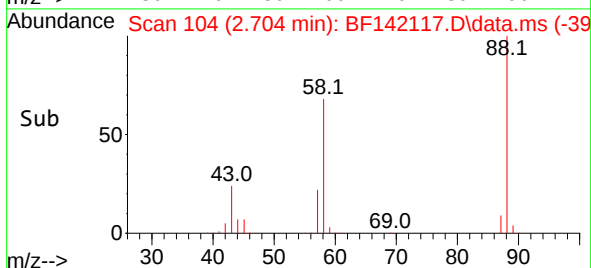
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Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.2
115 65.3 51.9 77.9

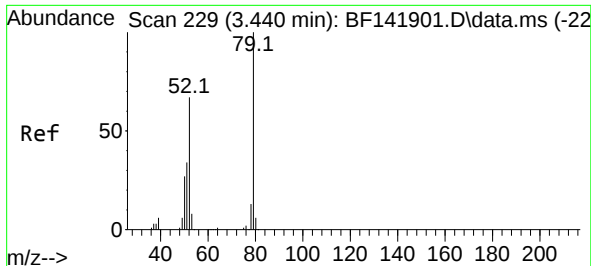


#2
1,4-Dioxane
Concen: 42.832 ng
RT: 2.704 min Scan# 104
Delta R.T. 0.029 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion: 88 Resp: 137880
Ion Ratio Lower Upper
88 100
58 68.9 57.4 86.2
43 25.4 21.5 32.3

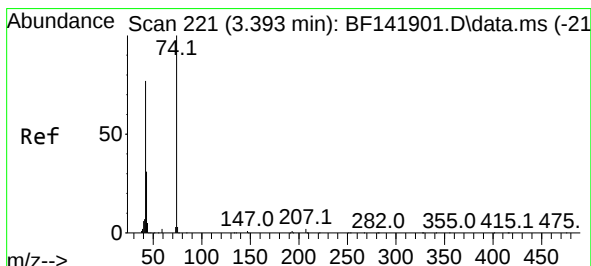
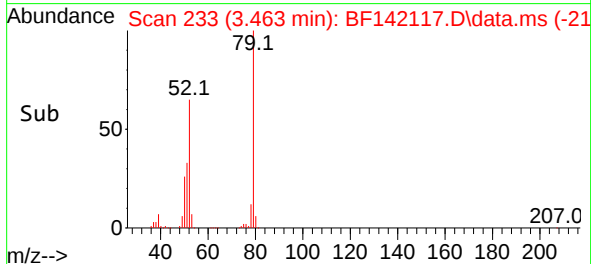
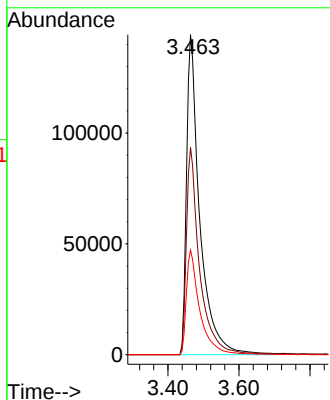
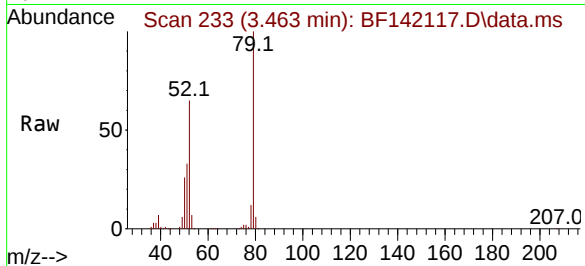




#3
 Pyridine
 Concen: 47.269 ng
 RT: 3.463 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33

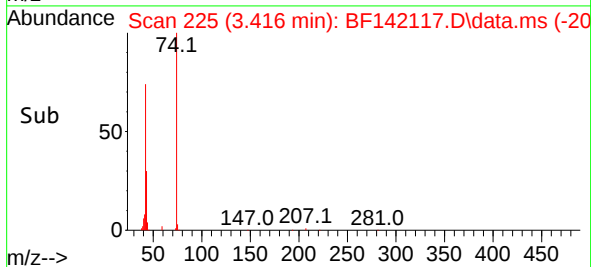
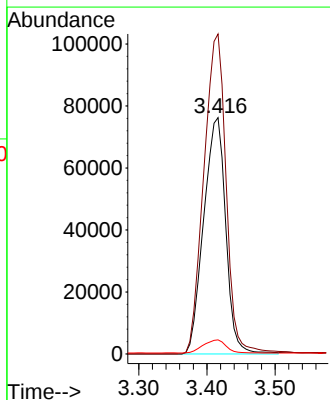
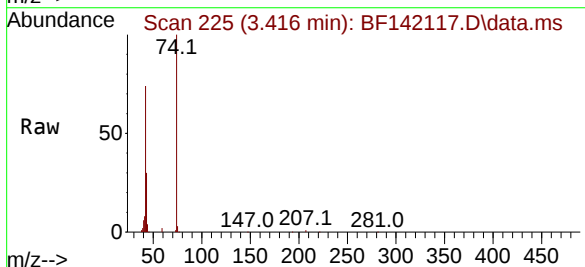
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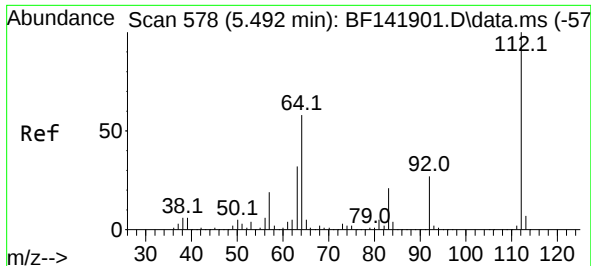
Tgt Ion: 79 Resp: 373242
 Ion Ratio Lower Upper
 79 100
 52 64.8 53.3 79.9
 51 32.7 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 45.645 ng
 RT: 3.416 min Scan# 225
 Delta R.T. 0.024 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33

Tgt Ion: 42 Resp: 171807
 Ion Ratio Lower Upper
 42 100
 74 135.4 103.4 155.0
 44 6.0 5.0 7.4

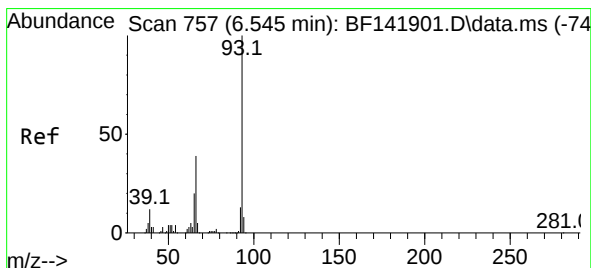
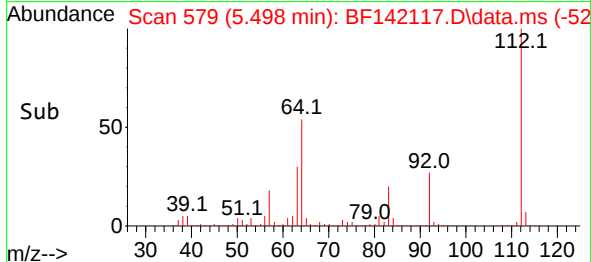
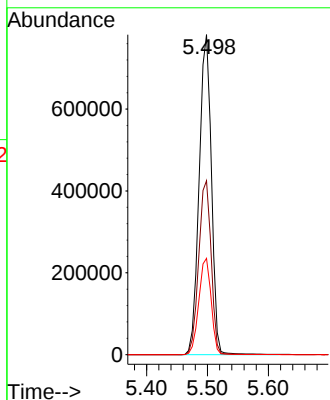
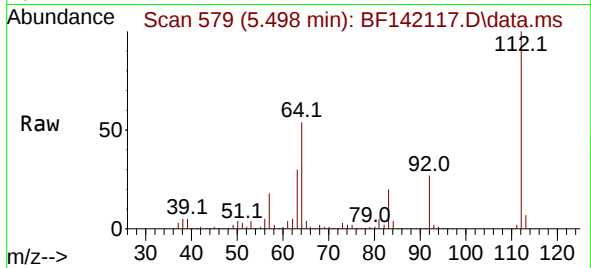




#5
2-Fluorophenol
Concen: 142.065 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

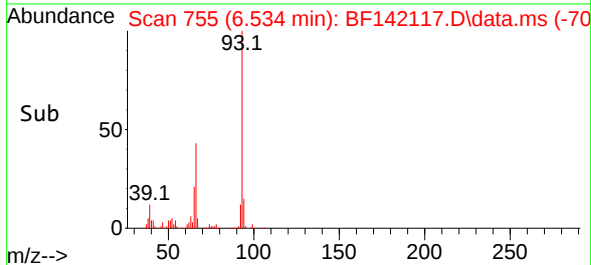
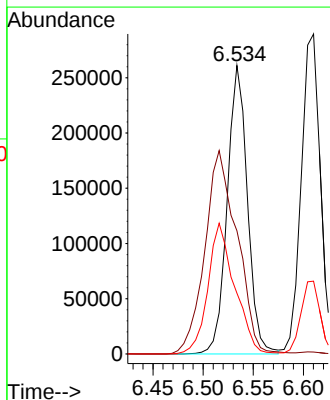
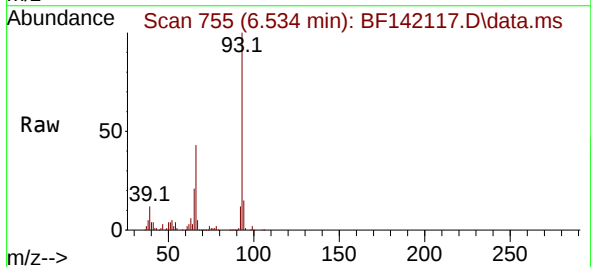
Instrument :
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Tgt Ion:112 Resp: 1091445
Ion Ratio Lower Upper
112 100
64 54.3 46.5 69.7
63 30.1 25.4 38.2



#6
Aniline
Concen: 38.086 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion: 93 Resp: 367516
Ion Ratio Lower Upper
93 100
66 42.7 31.9 47.9
65 21.1 15.8 23.6

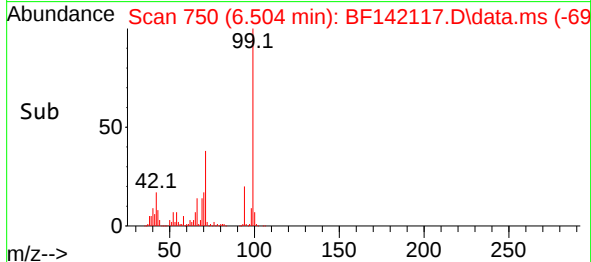
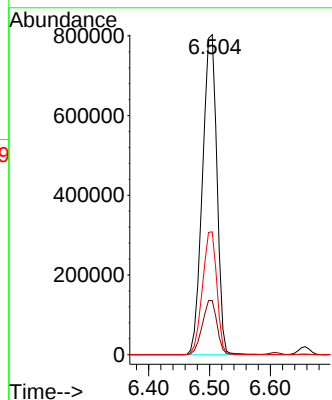
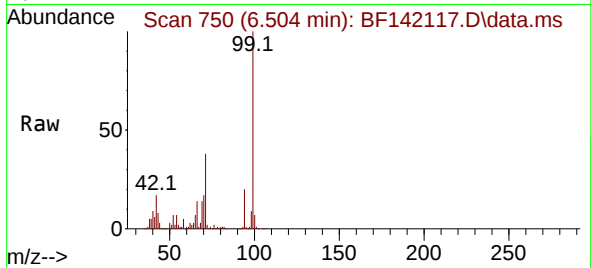




#7
Phenol-d6
Concen: 135.327 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

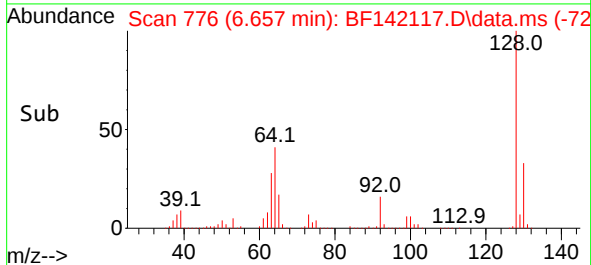
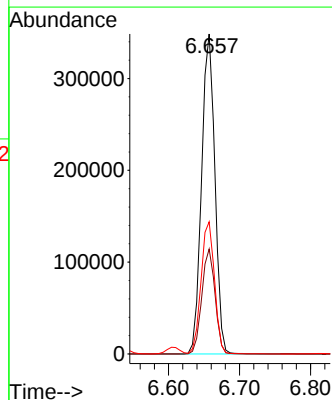
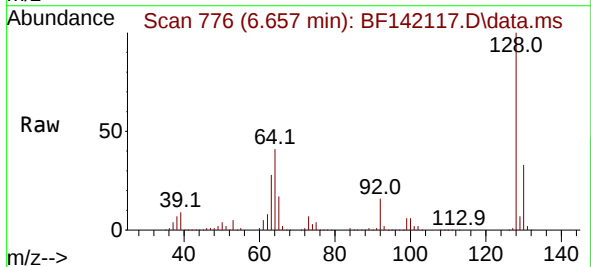
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1323739
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 38.4 30.8 46.2



#8
2-Chlorophenol
Concen: 53.422 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:128 Resp: 455191
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 41.3 24.4 64.4

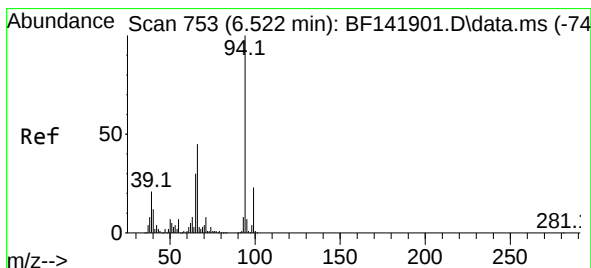
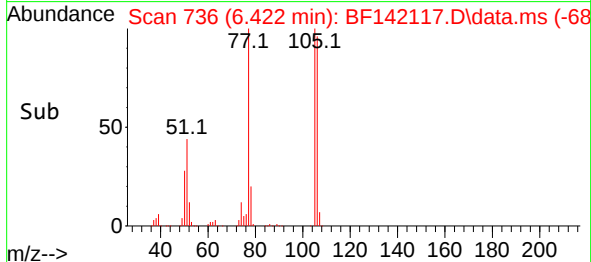
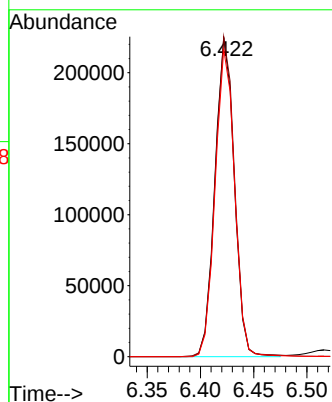
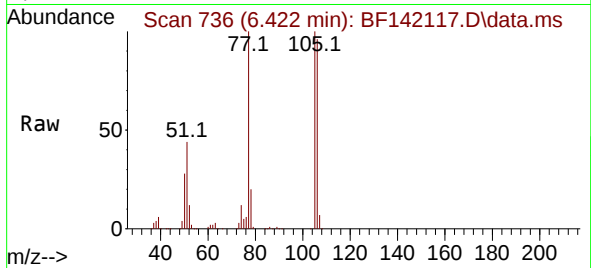




#9
Benzaldehyde
Concen: 51.691 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

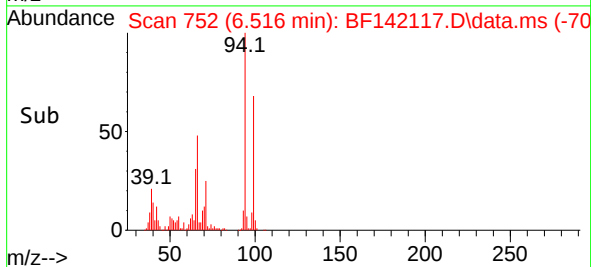
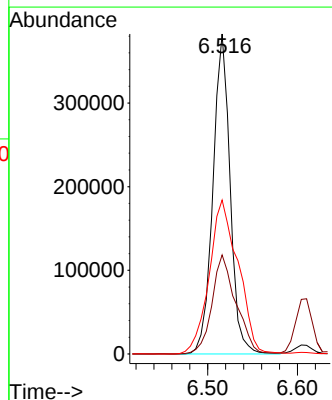
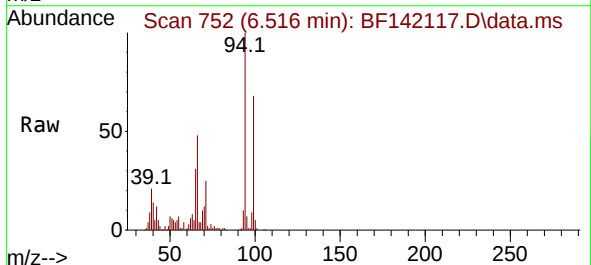
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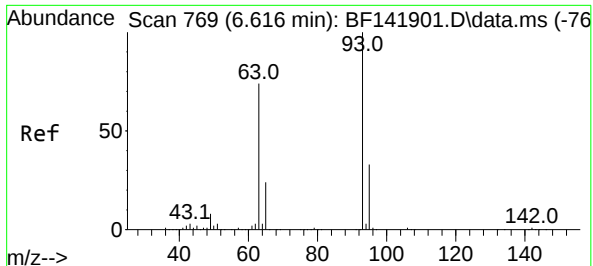
Tgt Ion: 77 Resp: 282787
Ion Ratio Lower Upper
77 100
105 100.3 80.0 120.0
106 96.4 74.5 114.5



#10
Phenol
Concen: 49.479 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion: 94 Resp: 509173
Ion Ratio Lower Upper
94 100
65 30.9 10.5 50.5
66 48.1 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 49.187 ng

RT: 6.610 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

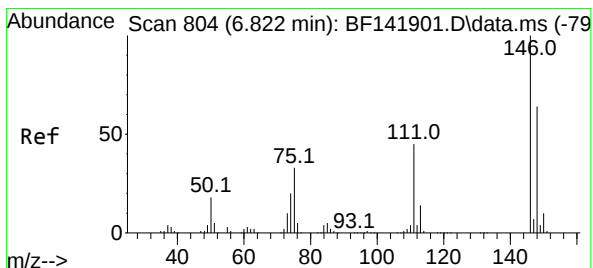
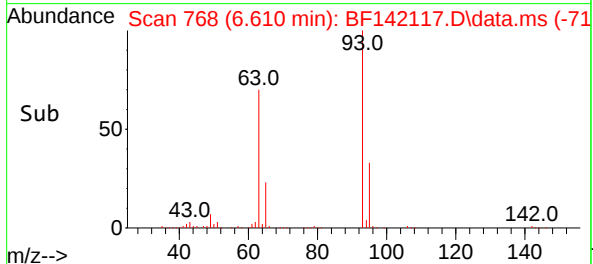
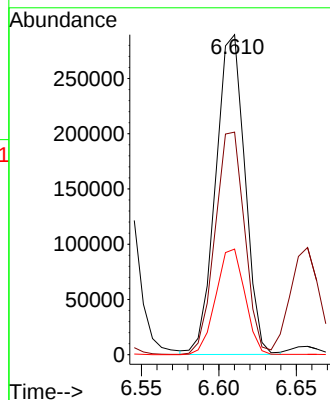
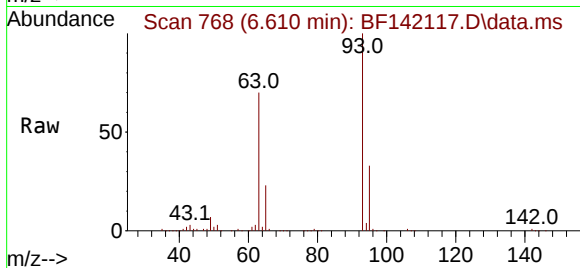
Tgt Ion: 93 Resp: 380073

Ion Ratio Lower Upper

93 100

63 69.5 53.0 93.0

95 33.0 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 51.726 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

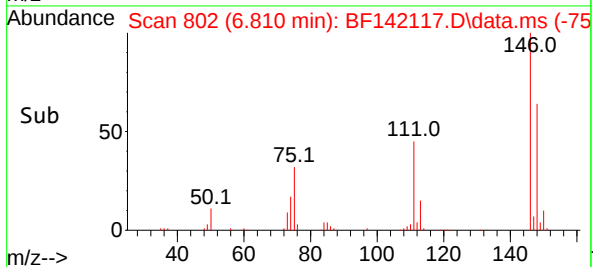
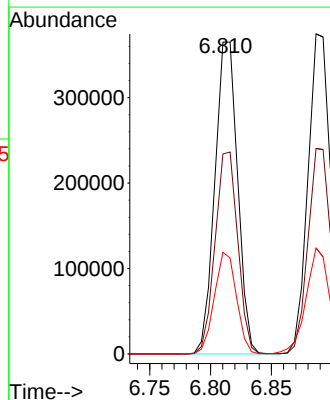
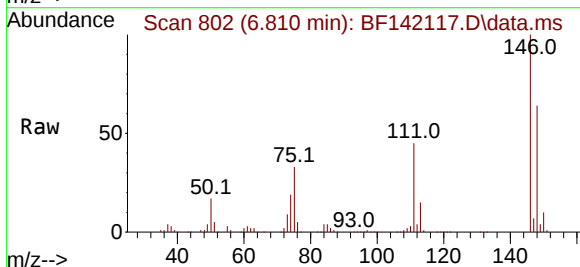
Tgt Ion: 146 Resp: 475831

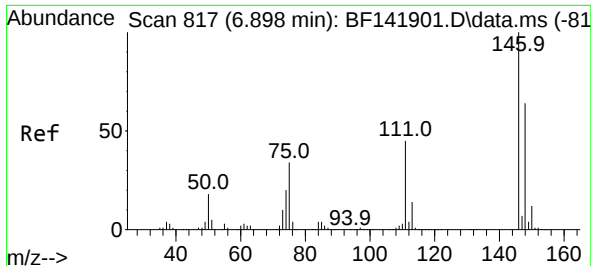
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 32.7 26.6 40.0

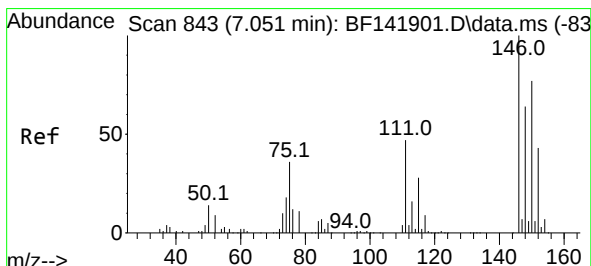
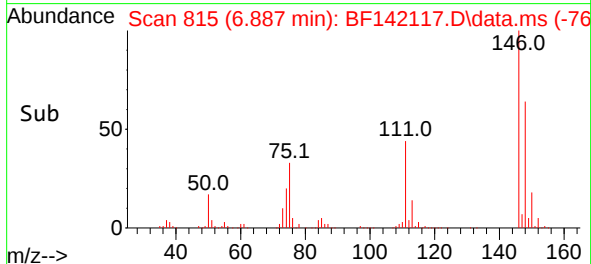
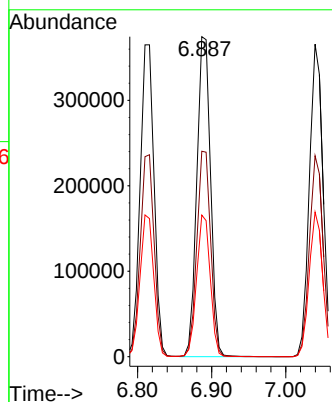
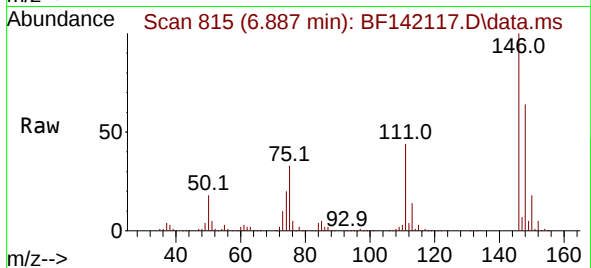




#13
1,4-Dichlorobenzene
Concen: 51.925 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

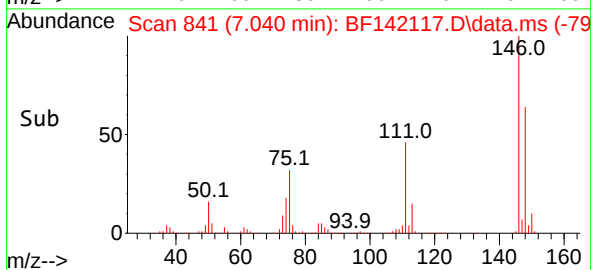
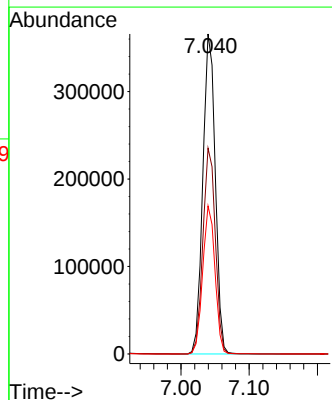
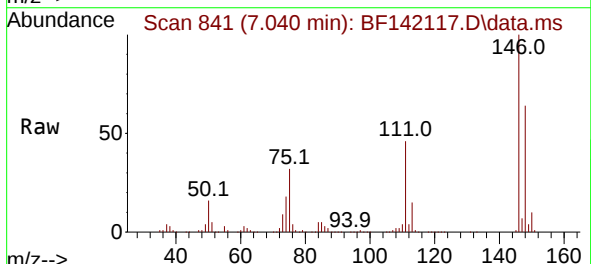
Instrument :
BNA_F
ClientSampleId :
PB167321BS

Tgt Ion:146 Resp: 483289
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 44.2 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 53.030 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:146 Resp: 464896
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 46.3 38.0 57.0

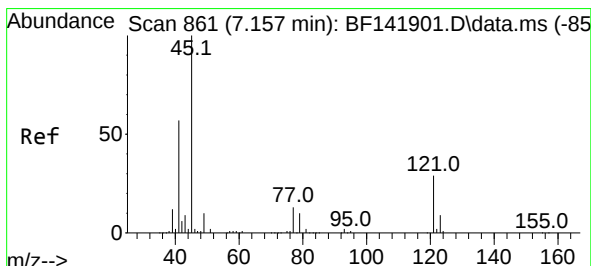
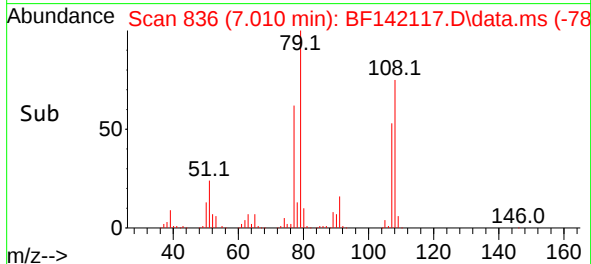
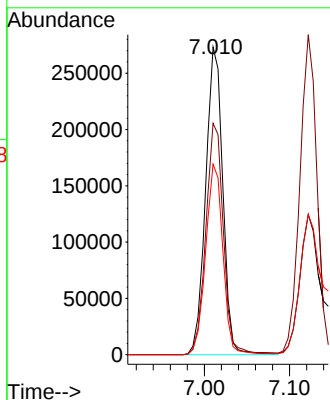
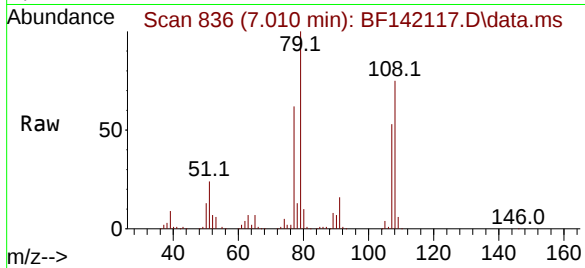




#15
Benzyl Alcohol
Concen: 48.486 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

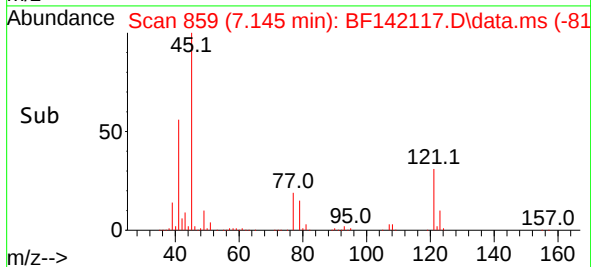
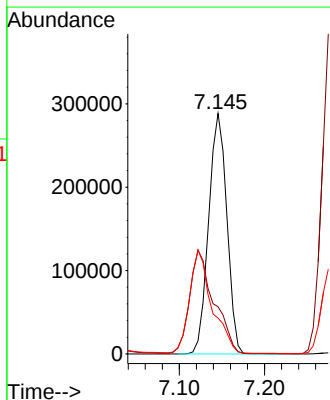
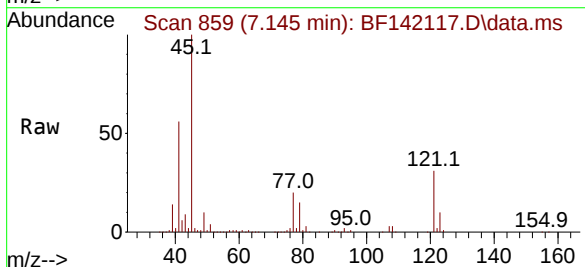
Instrument :
BNA_F
ClientSampleId :
PB167321BS

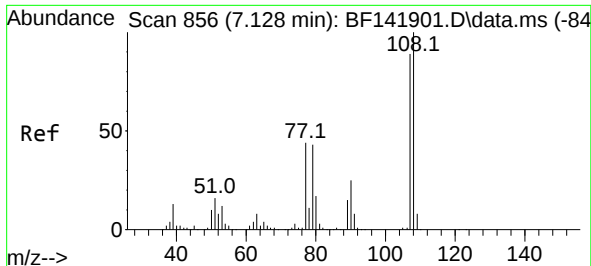
Tgt Ion: 79 Resp: 383431
Ion Ratio Lower Upper
79 100
108 75.3 59.7 89.5
77 62.0 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.796 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

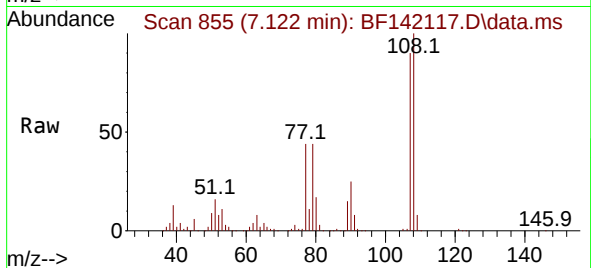
Tgt Ion: 45 Resp: 427224
Ion Ratio Lower Upper
45 100
77 19.6 0.0 37.8
79 14.9 0.0 34.2



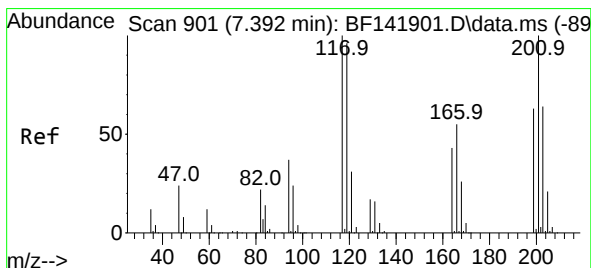
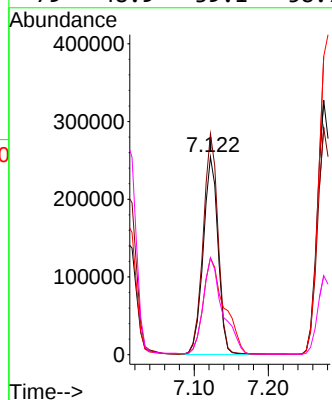
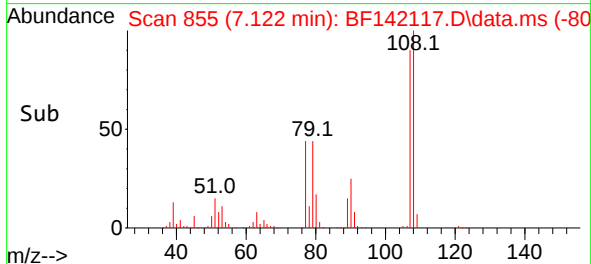


#17
2-Methylphenol
Concen: 52.254 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :
BNA_F
ClientSampleId :
PB167321BS

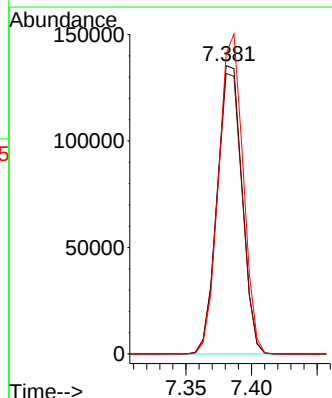
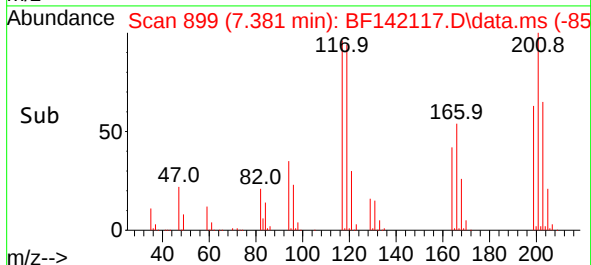
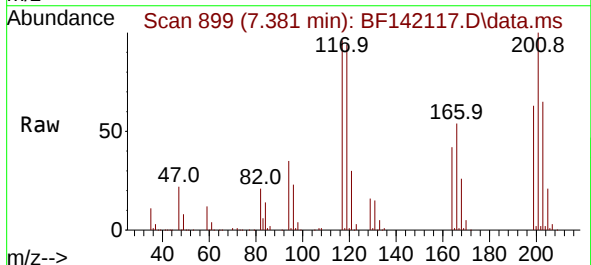


Tgt Ion:	107	Resp:	354011
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.2
77	48.9	39.6	59.4
79	48.9	39.1	58.7



#18
Hexachloroethane
Concen: 51.205 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:	117	Resp:	178715
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.9	115.3
201	104.0	79.9	119.9

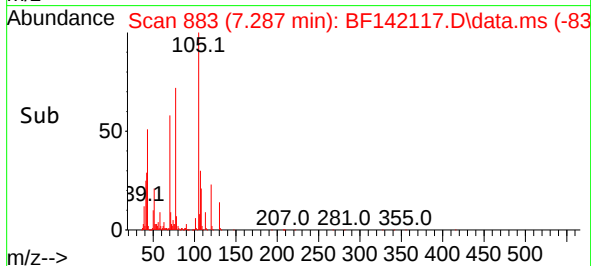
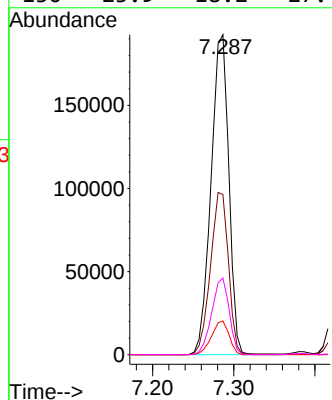
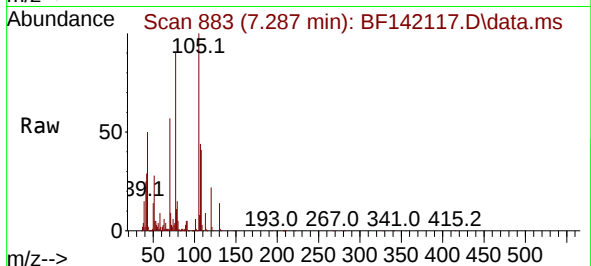




#19
n-Nitroso-di-n-propylamine
Concen: 46.595 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

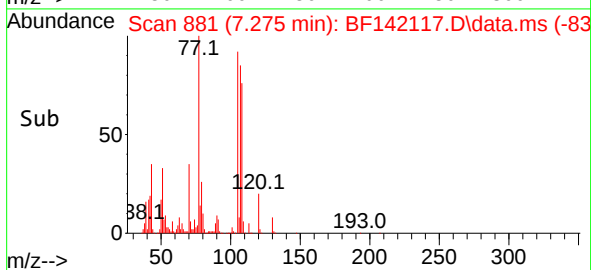
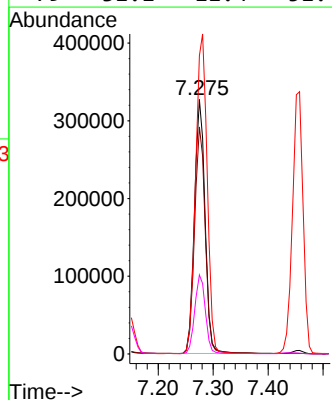
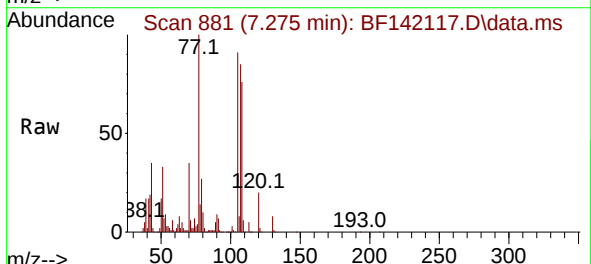
Instrument :
BNA_F
ClientSampleId :
PB167321BS

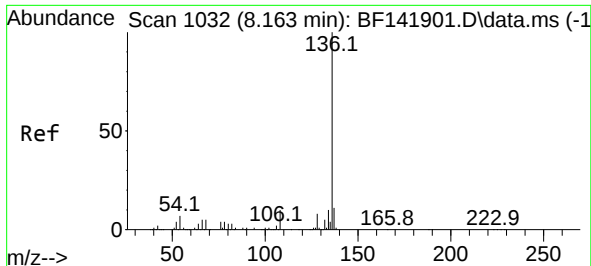
Tgt Ion: 70 Resp: 292864
Ion Ratio Lower Upper
70 100
42 50.0 41.4 62.0
101 10.5 8.2 12.2
130 23.9 18.2 27.4



#20
3+4-Methylphenols
Concen: 50.588 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion: 107 Resp: 438991
Ion Ratio Lower Upper
107 100
108 89.2 68.4 108.4
77 117.3 69.7 109.7#
79 31.1 11.4 51.4

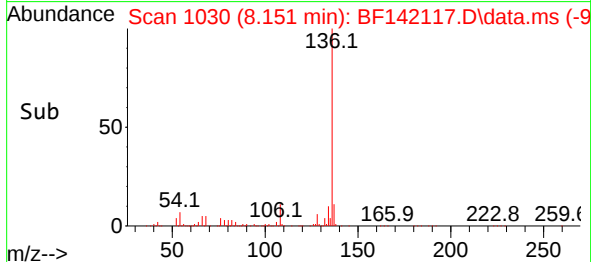
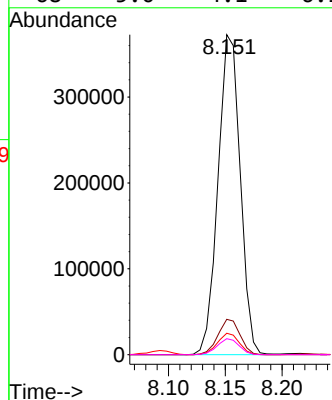
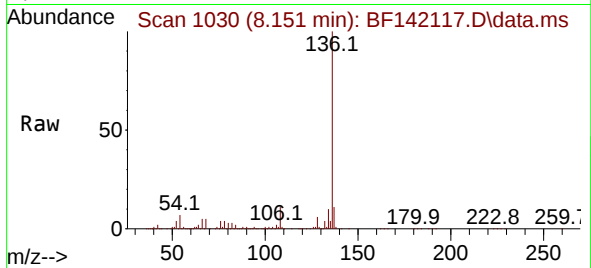




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

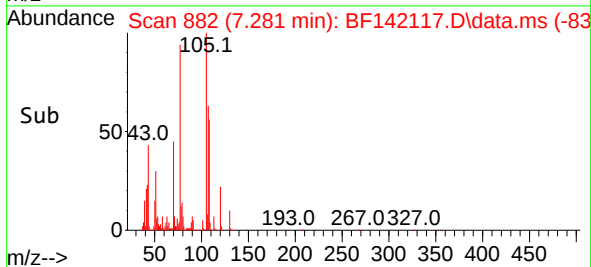
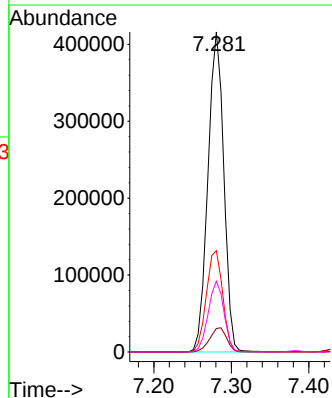
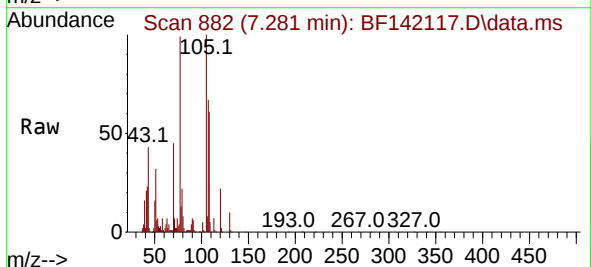
Instrument :
BNA_F
ClientSampleId :
PB167321BS

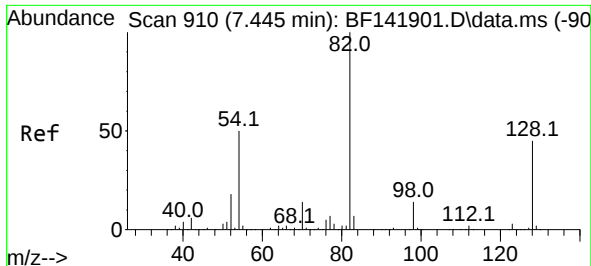
Tgt	Ion:136	Resp:	507131
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.8	8.8
68	5.0	4.1	6.1



#22
Acetophenone
Concen: 48.770 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt	Ion:105	Resp:	592291
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.8	8.8
51	31.6	23.4	35.0
120	22.1	17.3	25.9





#23

Nitrobenzene-d5

Concen: 97.825 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

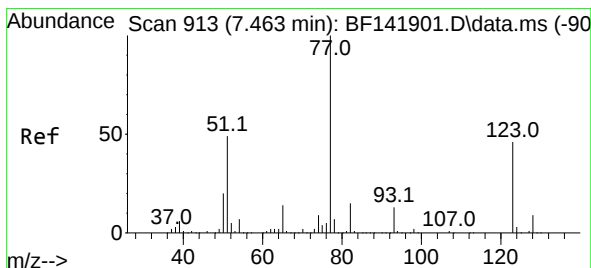
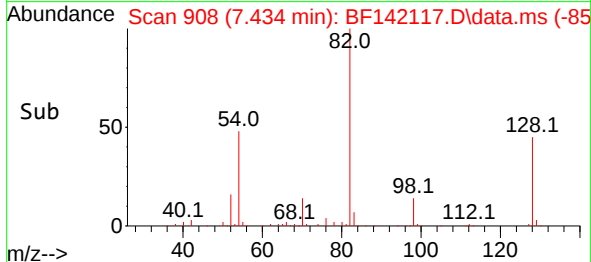
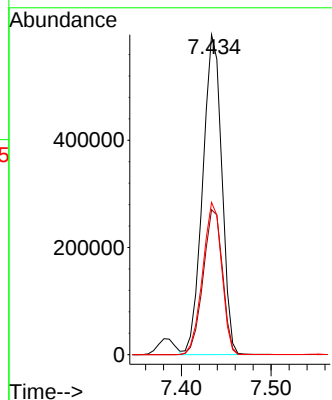
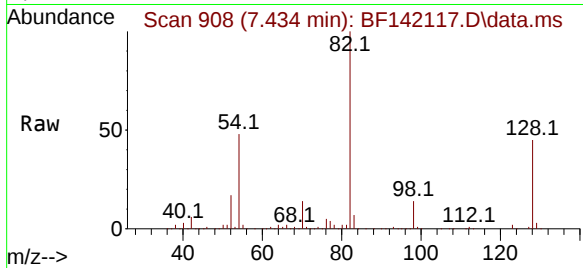
Tgt Ion: 82 Resp: 881553

Ion Ratio Lower Upper

82 100

128 45.3 36.0 54.0

54 47.6 39.6 59.4



#24

Nitrobenzene

Concen: 50.358 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

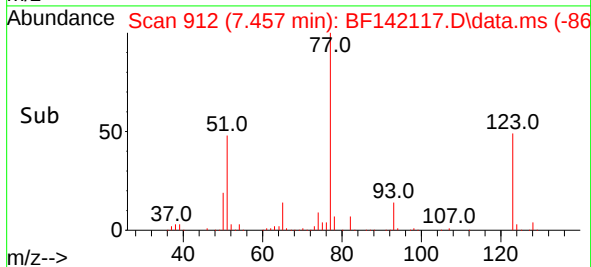
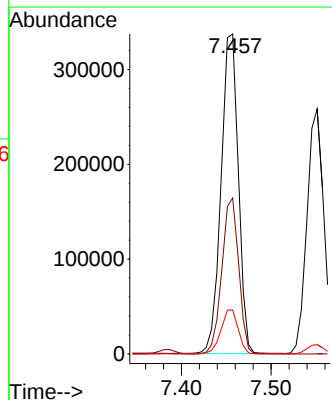
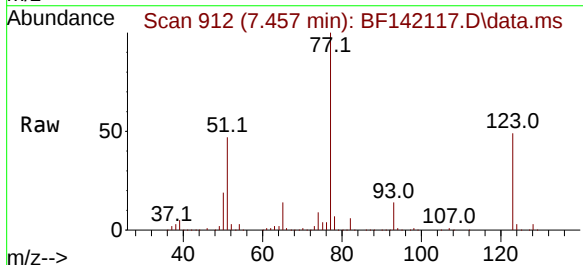
Tgt Ion: 77 Resp: 451130

Ion Ratio Lower Upper

77 100

123 48.8 37.0 55.4

65 13.8 11.3 16.9

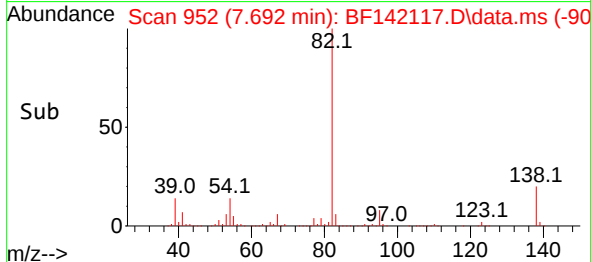
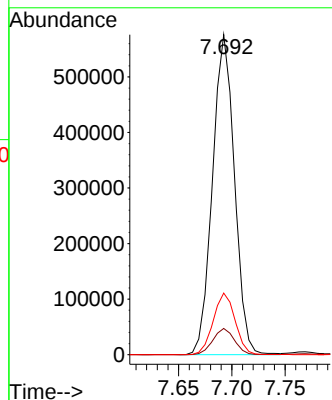
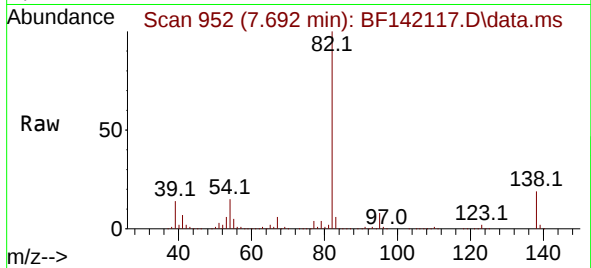




#25
Isophorone
Concen: 51.976 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

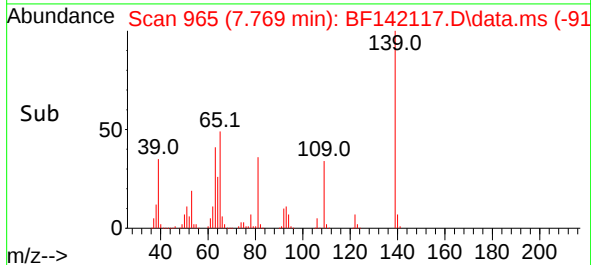
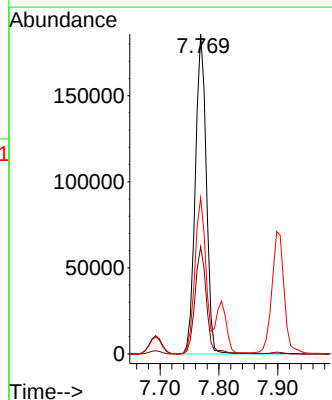
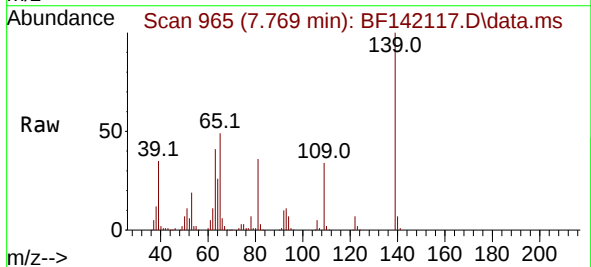
Instrument :
BNA_F
ClientSampleId :
PB167321BS

Tgt Ion: 82 Resp: 827949
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.3 14.9 22.3



#26
2-Nitrophenol
Concen: 55.280 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:139 Resp: 243058
Ion Ratio Lower Upper
139 100
109 33.6 26.5 39.7
65 48.9 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 68.646 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142117.D

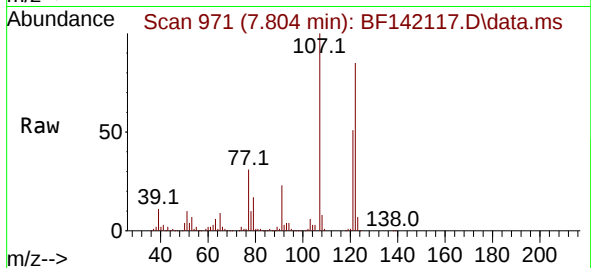
Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS



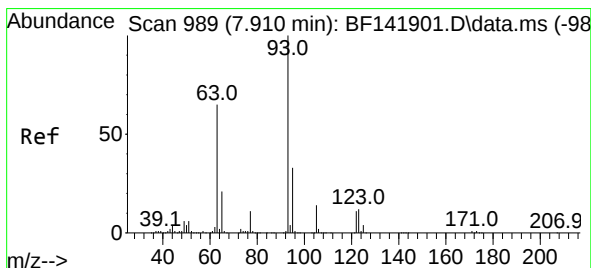
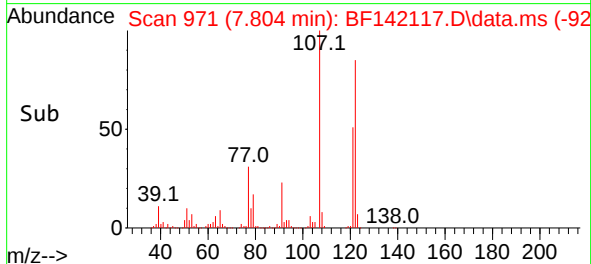
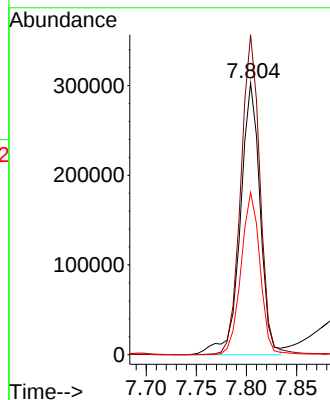
Tgt Ion:122 Resp: 415601

Ion Ratio Lower Upper

122 100

107 117.8 94.8 142.2

121 59.7 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 49.298 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

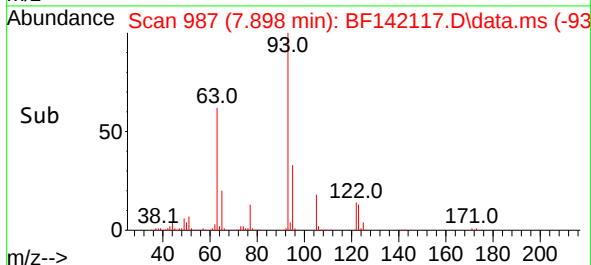
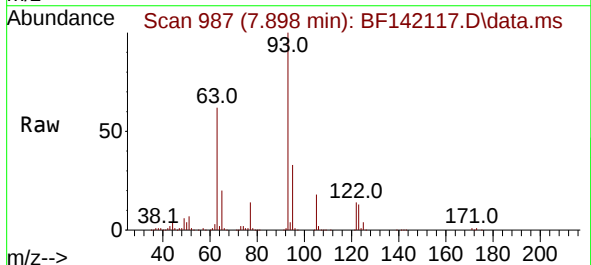
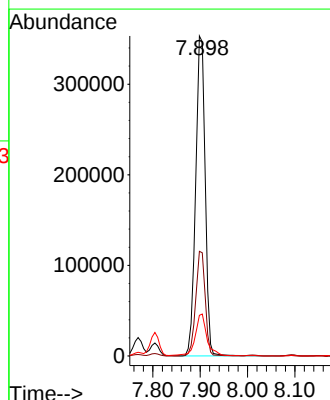
Tgt Ion: 93 Resp: 492540

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 12.7 10.2 15.4

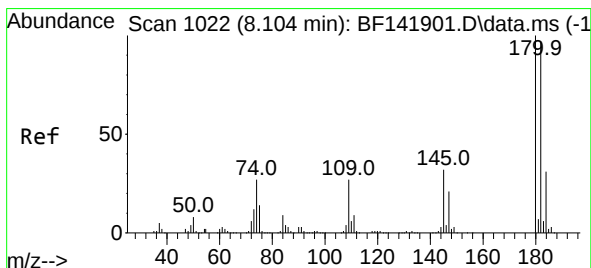
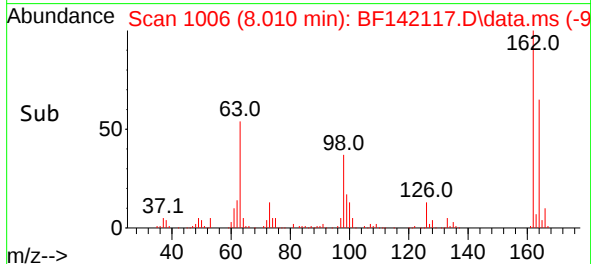
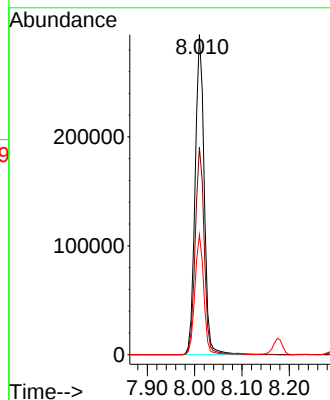
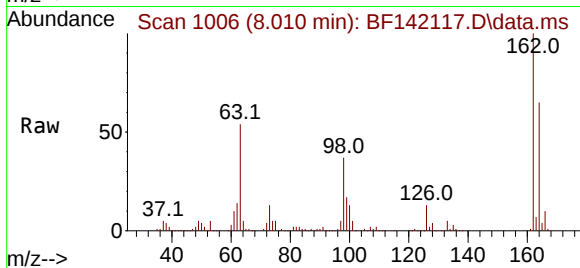




#29
2,4-Dichlorophenol
Concen: 51.980 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

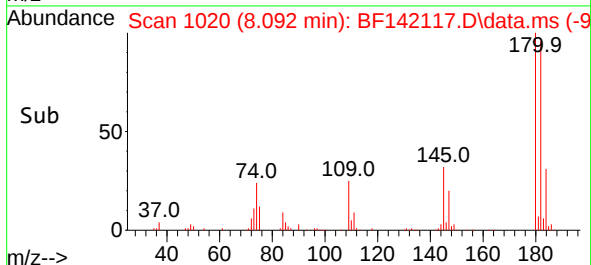
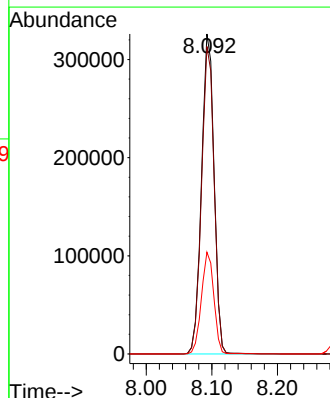
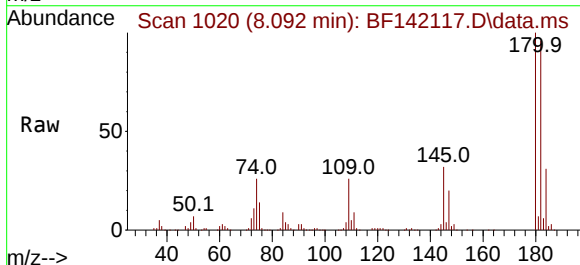
Instrument :
BNA_F
ClientSampleId :
PB167321BS

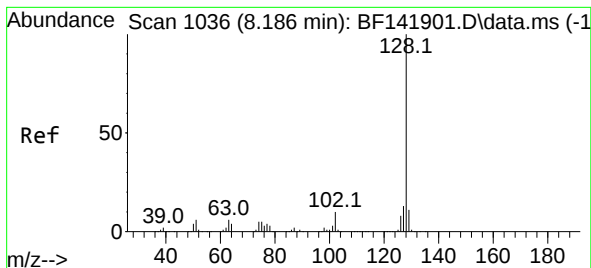
Tgt Ion:162 Resp: 390617
Ion Ratio Lower Upper
162 100
164 64.9 43.8 83.8
98 37.4 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 52.516 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:180 Resp: 434913
Ion Ratio Lower Upper
180 100
182 96.1 77.5 116.3
145 31.8 25.8 38.6





#31

Naphthalene

Concen: 49.889 ng

RT: 8.175 min Scan# 1036

Delta R.T. -0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

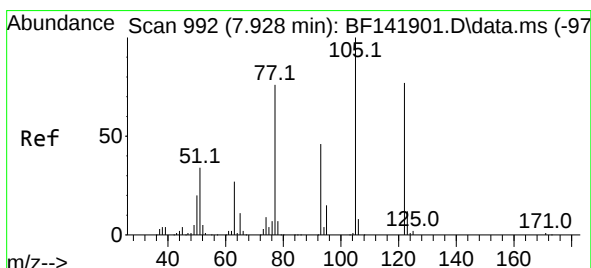
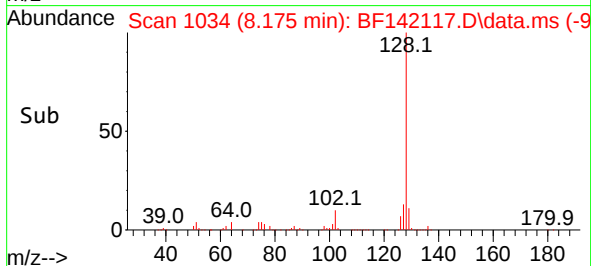
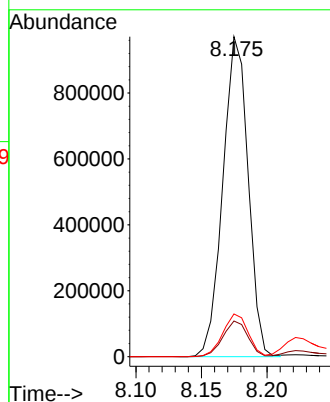
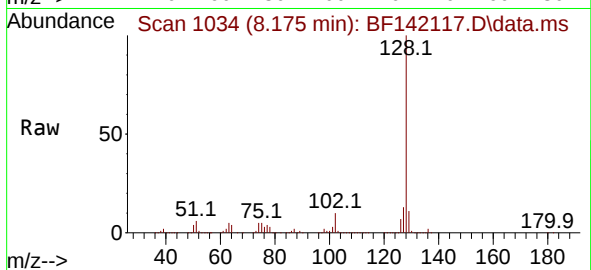
Tgt Ion:128 Resp: 1299645

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 52.296 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

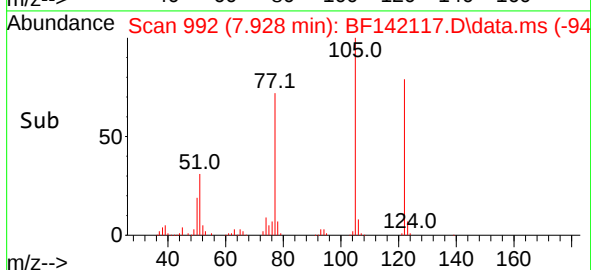
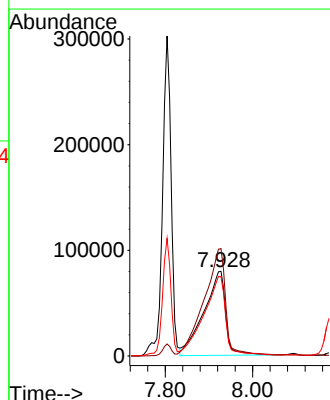
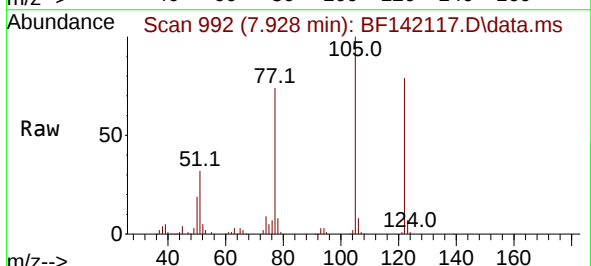
Tgt Ion:122 Resp: 278315

Ion Ratio Lower Upper

122 100

105 126.9 107.9 147.9

77 93.8 79.0 119.0

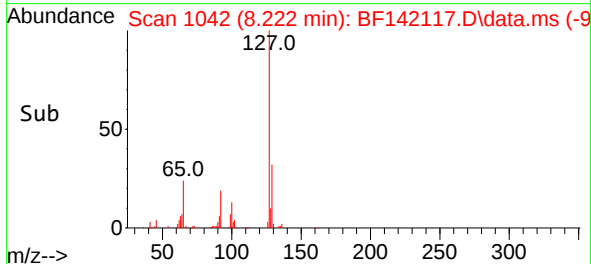
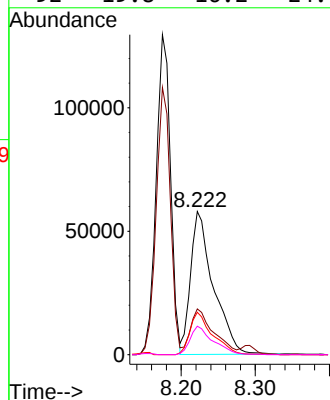
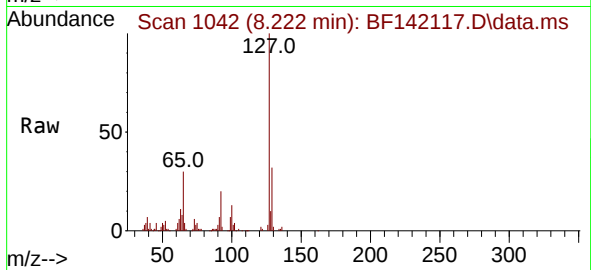




#33
4-Chloroaniline
Concen: 13.444 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

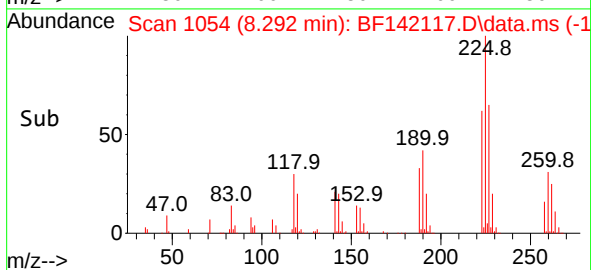
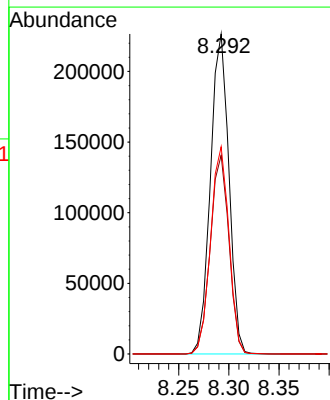
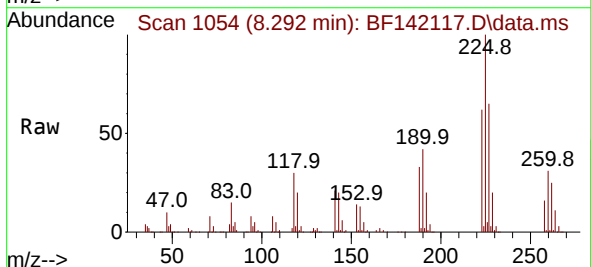
Instrument :
BNA_F
ClientSampleId :
PB167321BS

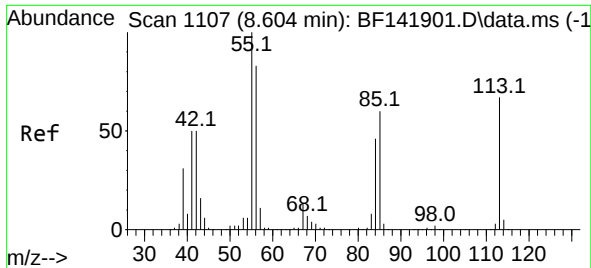
Tgt	Ion:127	Resp:	123638
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	29.6	25.4	38.2
92	19.8	16.2	24.4



#34
Hexachlorobutadiene
Concen: 53.831 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:225	Resp:	290731	
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	75.8
227	64.7	52.2	78.2

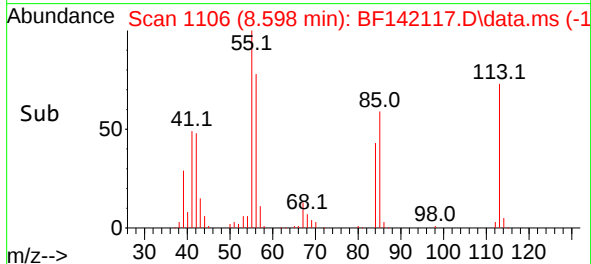
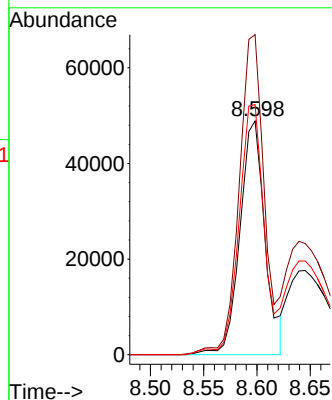
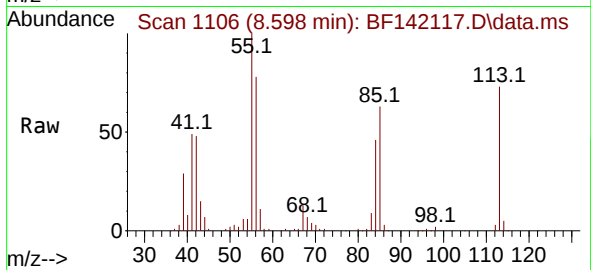




#35
 Caprolactam
 Concen: 34.734 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33

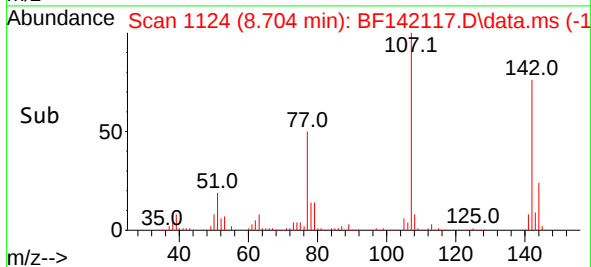
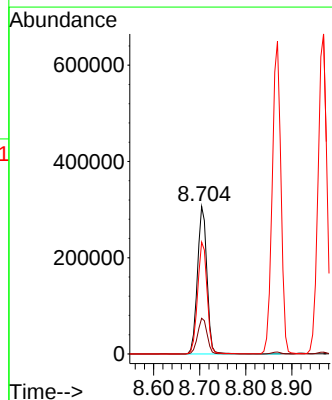
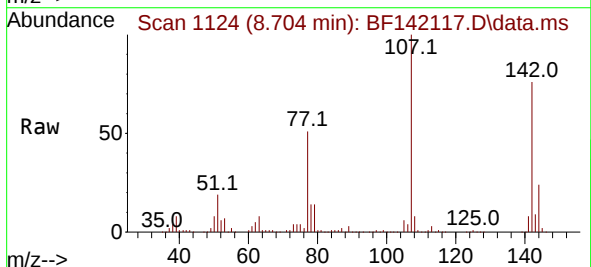
Instrument :
 BNA_F
 ClientSampleId :
 PB167321BS

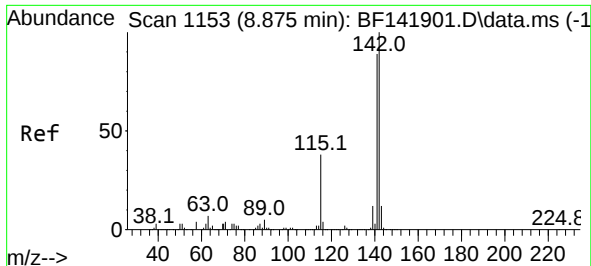
Tgt Ion:113 Resp: 79578
 Ion Ratio Lower Upper
 113 100
 55 136.9 129.6 169.6
 56 107.0 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 52.181 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33

Tgt Ion:107 Resp: 437420
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 75.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 48.598 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

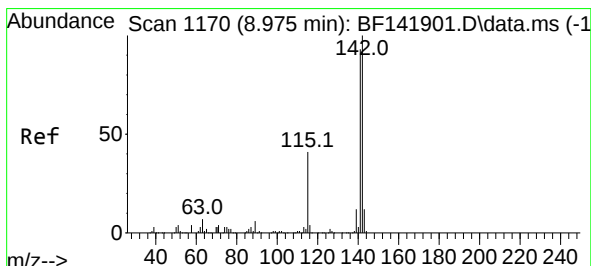
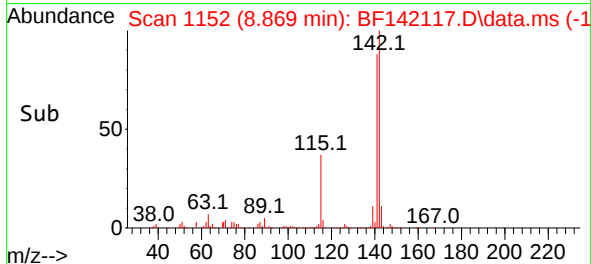
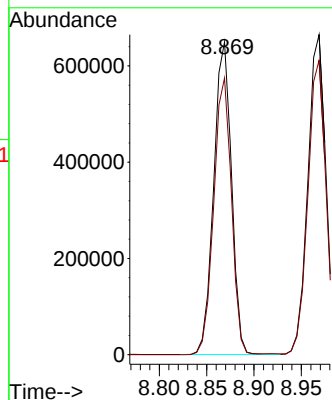
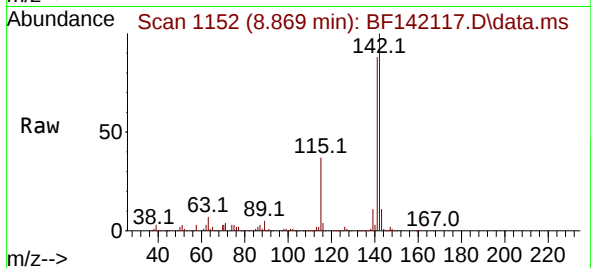
PB167321BS

Tgt Ion:142 Resp: 846210

Ion Ratio Lower Upper

142 100

141 88.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 52.119 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142117.D

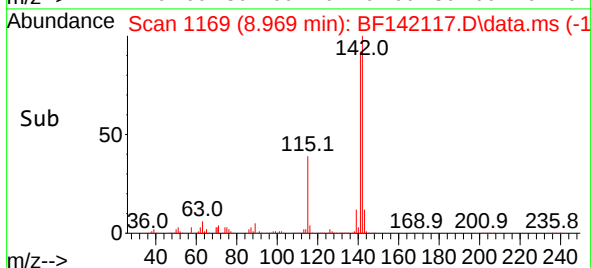
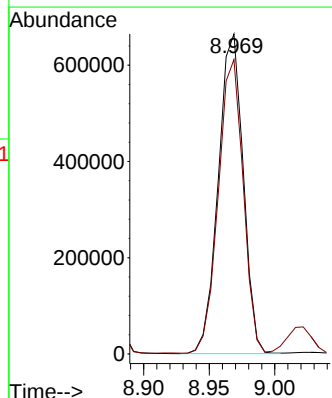
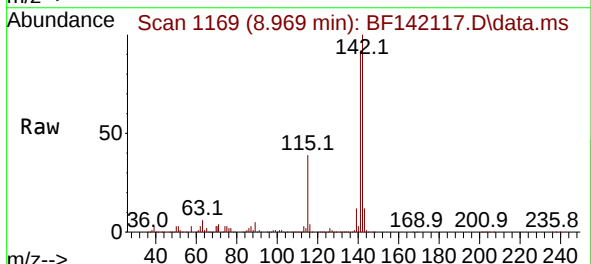
Acq: 27 Mar 2025 10:33

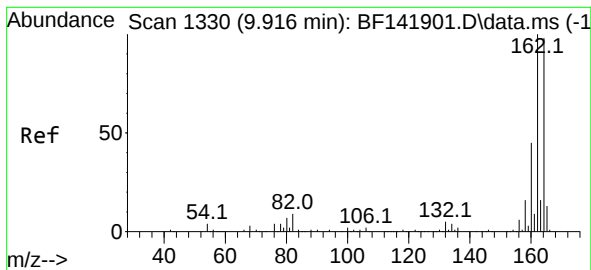
Tgt Ion:142 Resp: 875749

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

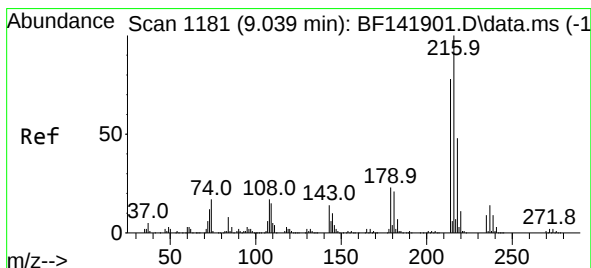
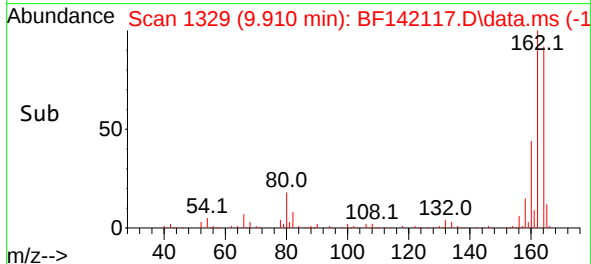
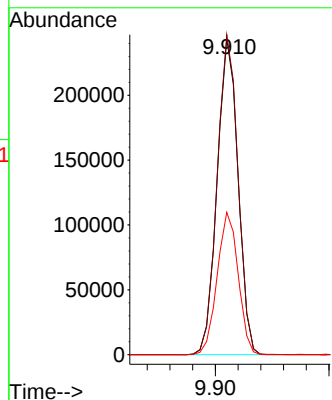
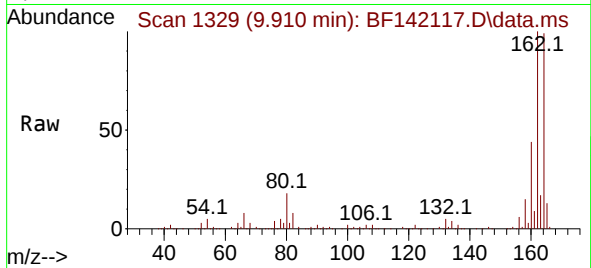
Tgt Ion:164 Resp: 310958

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

160 45.1 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.591 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Tgt Ion:216 Resp: 488435

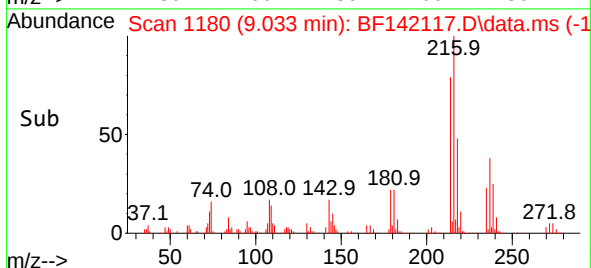
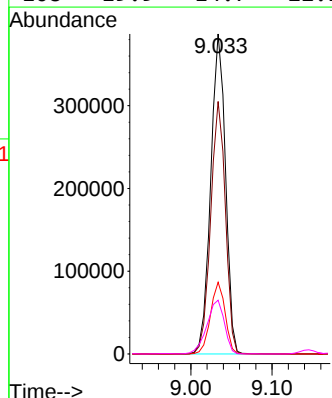
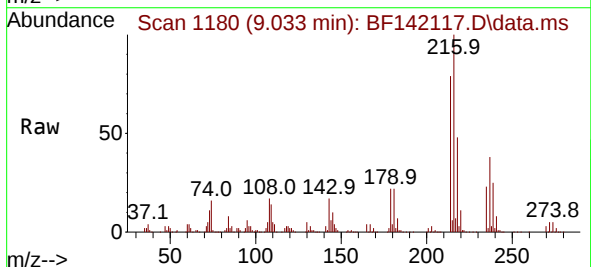
Ion Ratio Lower Upper

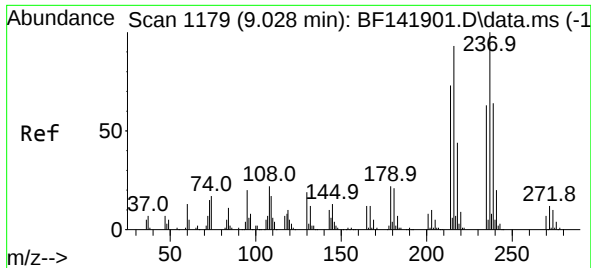
216 100

214 78.5 61.9 92.9

179 22.1 18.1 27.1

108 19.9 14.7 22.1

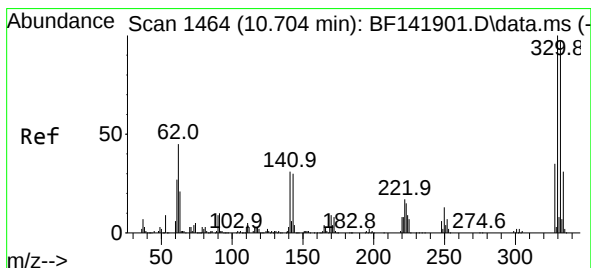
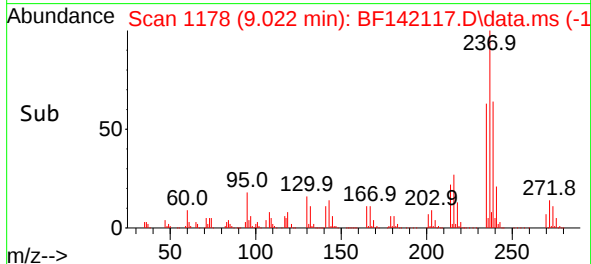
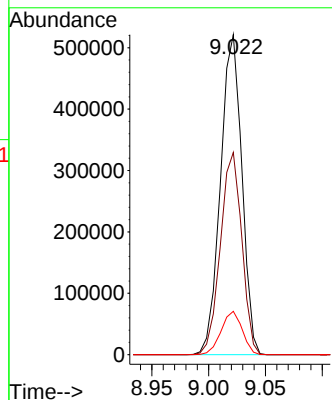
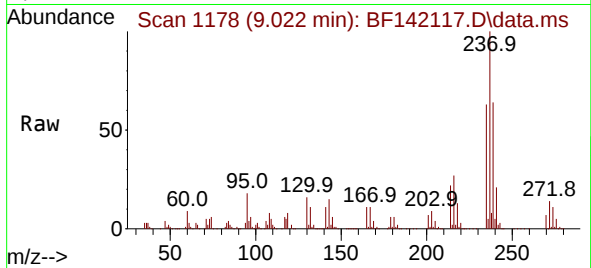




#41
Hexachlorocyclopentadiene
Concen: 184.307 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

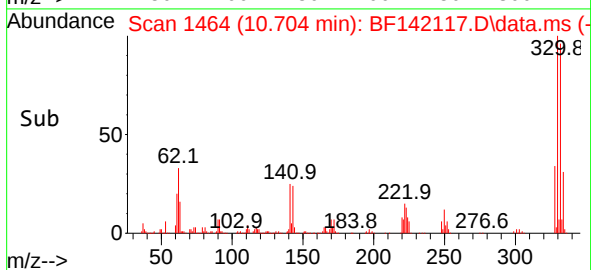
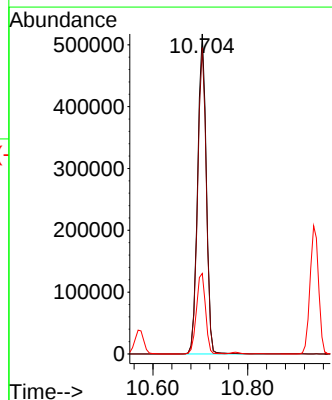
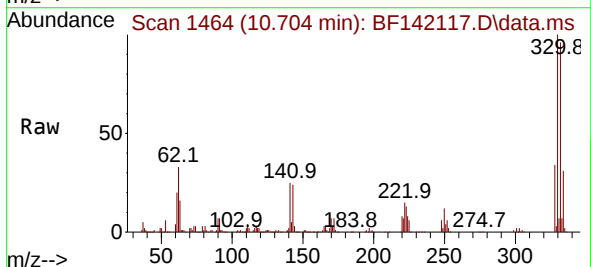
Instrument :
BNA_F
ClientSampleId :
PB167321BS

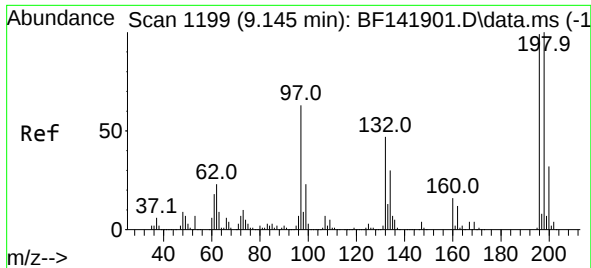
Tgt Ion:237 Resp: 682887
Ion Ratio Lower Upper
237 100
235 63.2 43.1 83.1
272 13.5 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 166.381 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:330 Resp: 656357
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 26.5 24.7 37.1

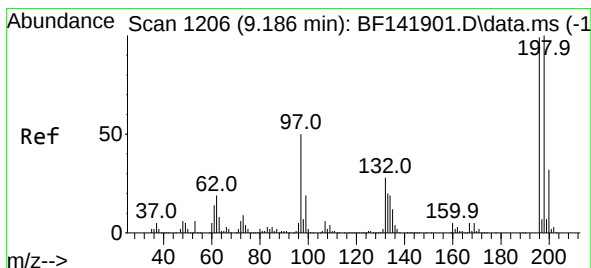
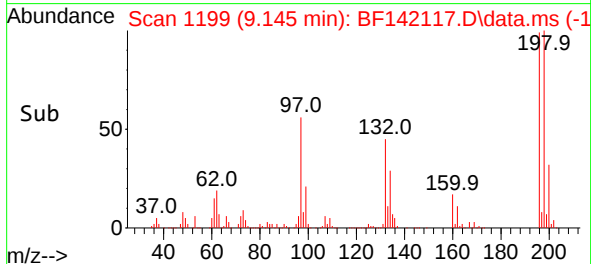
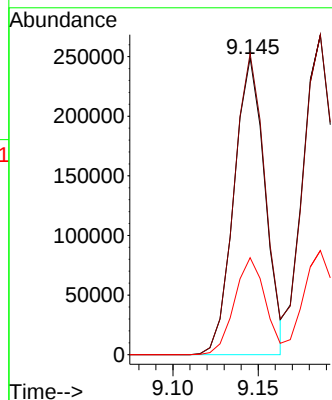
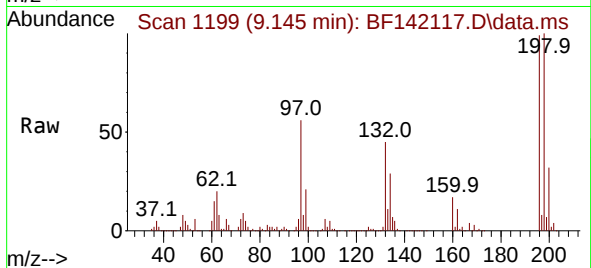




#43
2,4,6-Trichlorophenol
Concen: 50.928 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

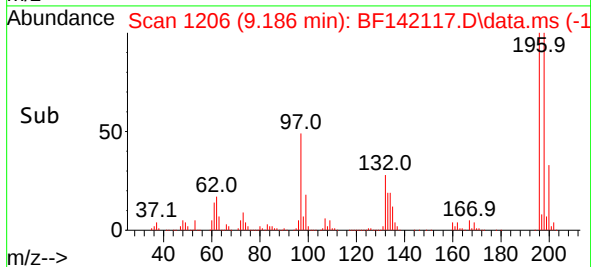
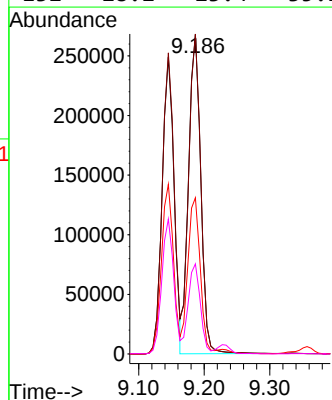
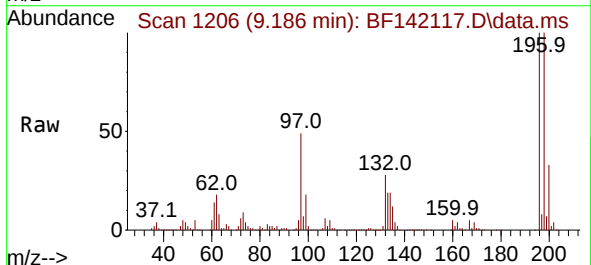
Instrument :
BNA_F
ClientSampleId :
PB167321BS

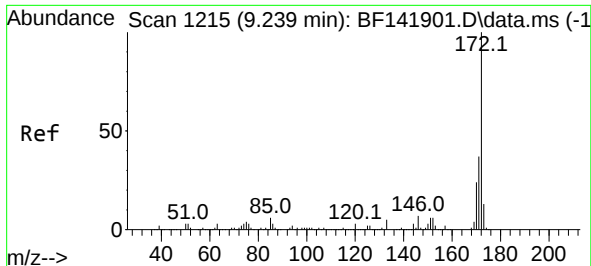
Tgt Ion:196 Resp: 315109
Ion Ratio Lower Upper
196 100
198 101.5 80.6 121.0
200 32.7 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 55.404 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:196 Resp: 347194
Ion Ratio Lower Upper
196 100
198 100.2 80.7 121.1
97 48.9 42.1 63.1
132 28.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 96.850 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

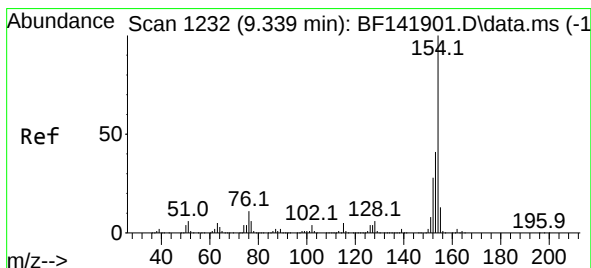
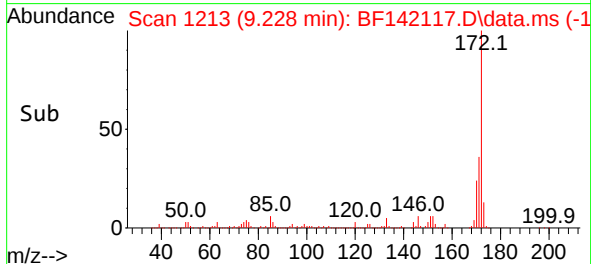
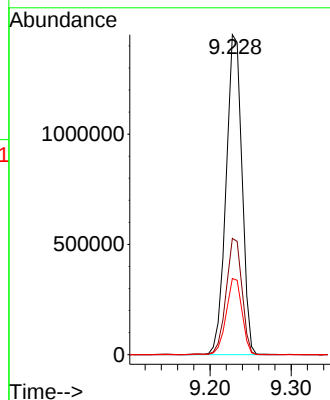
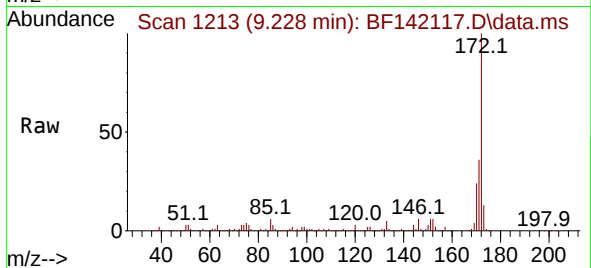
Tgt Ion:172 Resp: 1980275

Ion Ratio Lower Upper

172 100

171 36.3 29.3 43.9

170 23.8 19.4 29.0



#46

1,1'-Biphenyl

Concen: 50.578 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

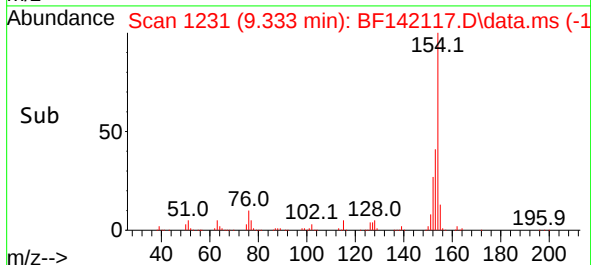
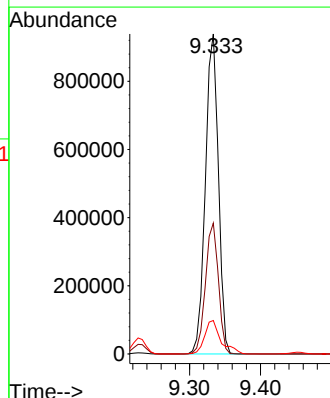
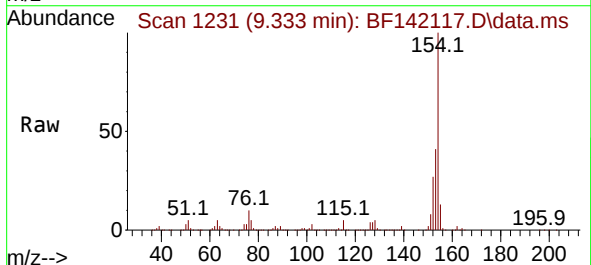
Tgt Ion:154 Resp: 1195005

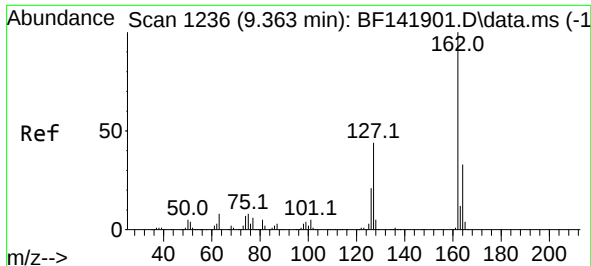
Ion Ratio Lower Upper

154 100

153 40.9 21.1 61.1

76 10.5 0.0 31.3

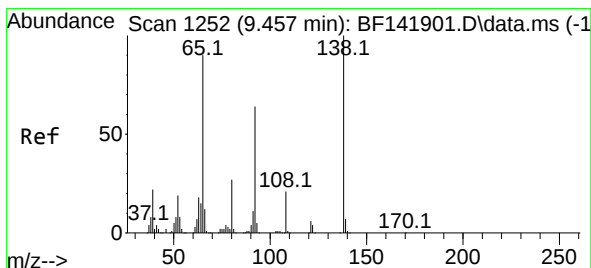
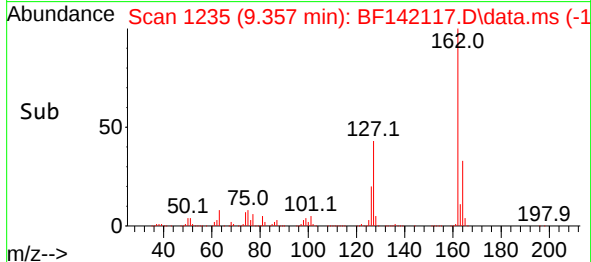
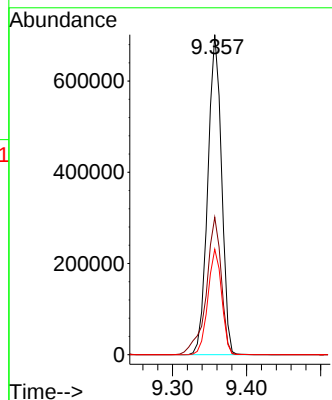
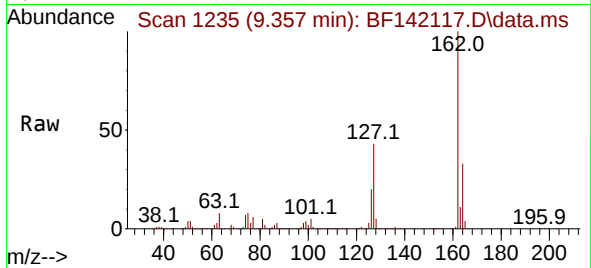




#47
2-Chloronaphthalene
Concen: 51.278 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

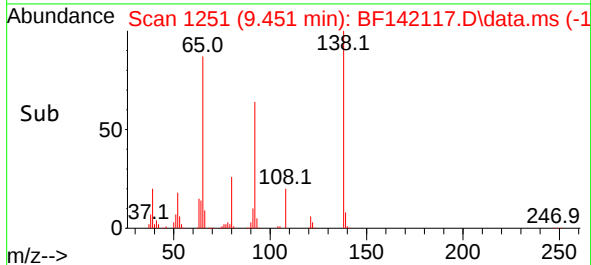
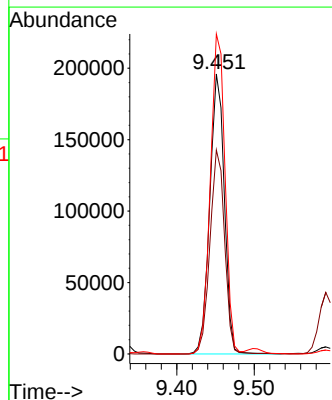
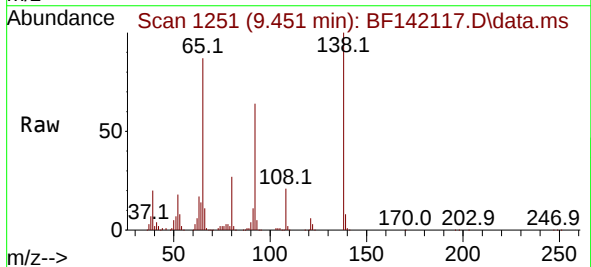
Instrument :
BNA_F
ClientSampleId :
PB167321BS

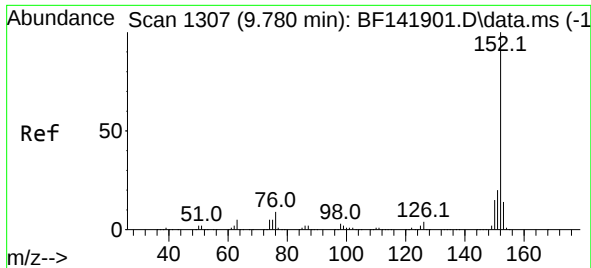
Tgt Ion:162 Resp: 903017
Ion Ratio Lower Upper
162 100
127 42.9 35.5 53.3
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 50.325 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion: 65 Resp: 256605
Ion Ratio Lower Upper
65 100
92 72.9 56.6 84.8
138 114.3 88.6 133.0





#49

Acenaphthylene

Concen: 54.861 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

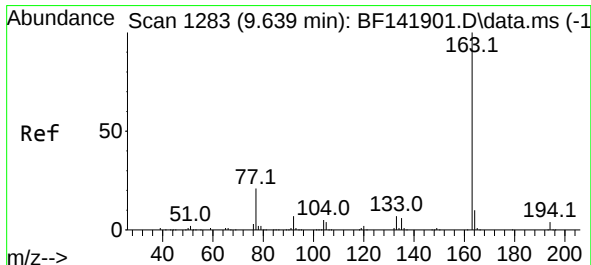
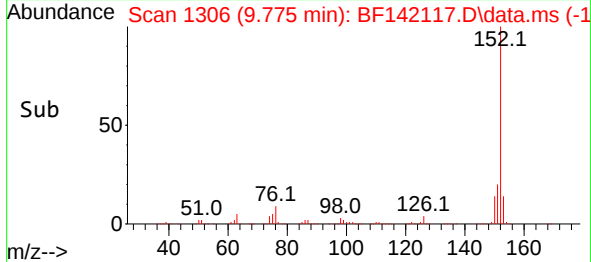
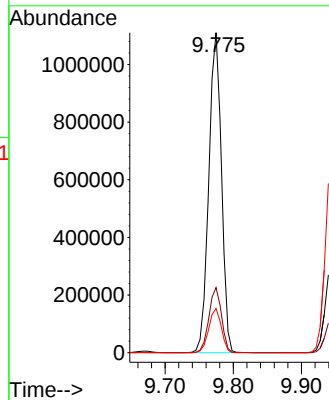
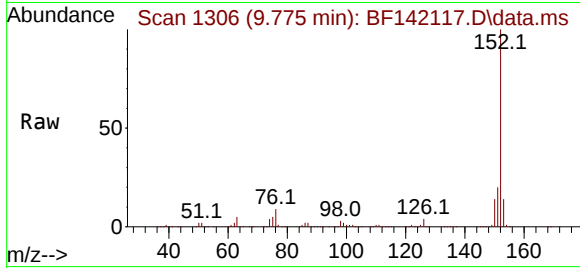
Tgt Ion:152 Resp: 1433699

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 51.678 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

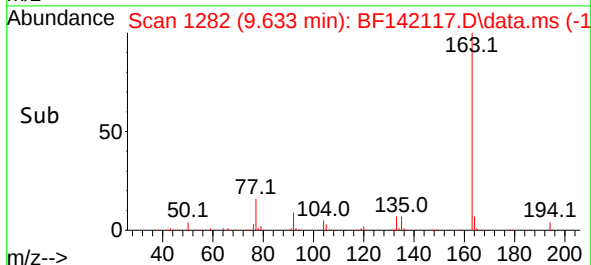
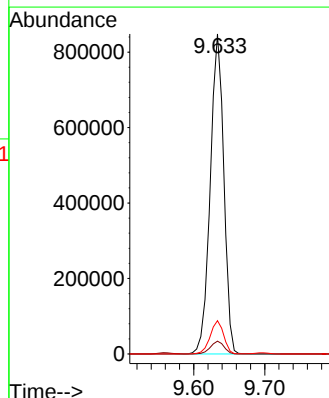
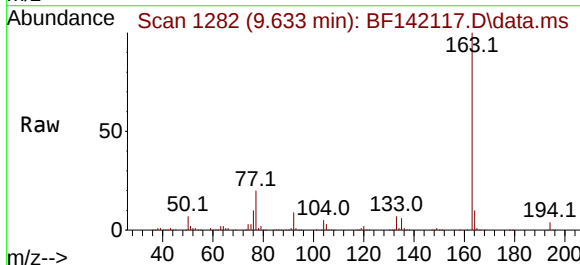
Tgt Ion:163 Resp: 1125321

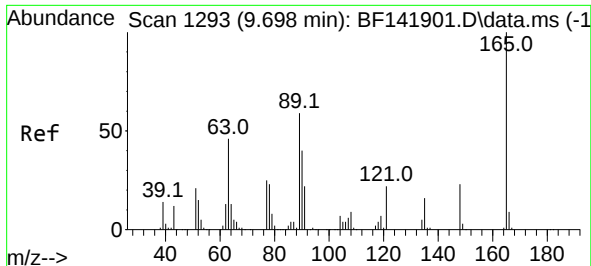
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 55.304 ng

RT: 9.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

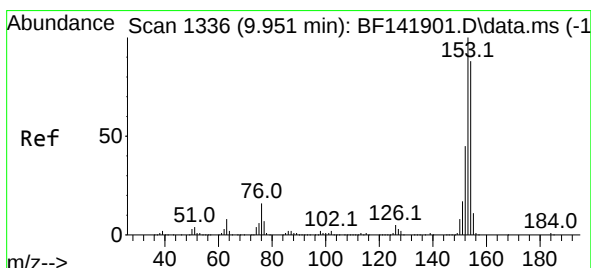
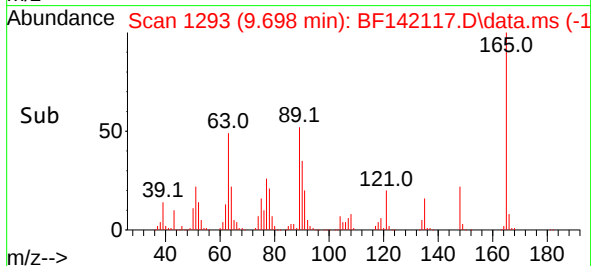
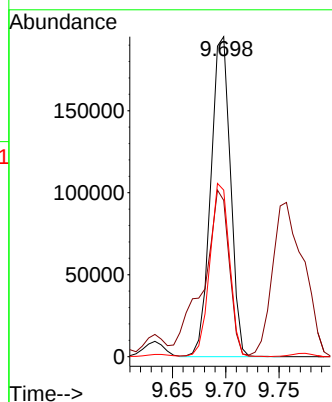
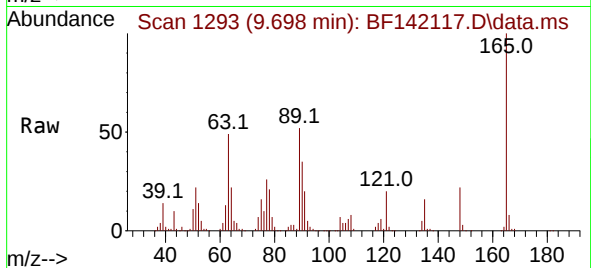
Tgt Ion:165 Resp: 250743

Ion Ratio Lower Upper

165 100

63 48.8 47.0 70.4

89 52.0 47.4 71.2



#52

Acenaphthene

Concen: 56.956 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

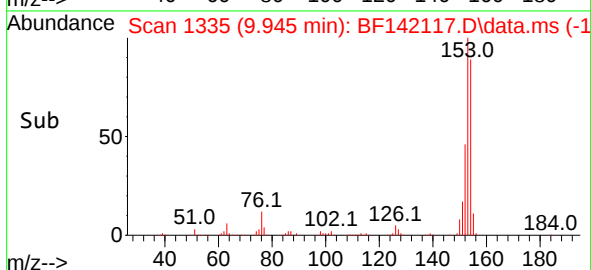
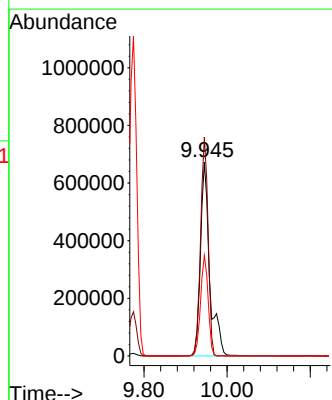
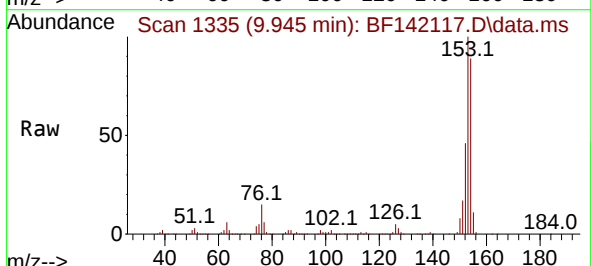
Tgt Ion:154 Resp: 1046007

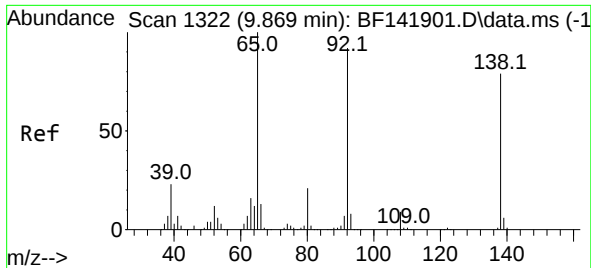
Ion Ratio Lower Upper

154 100

153 113.0 90.7 136.1

152 51.8 41.1 61.7

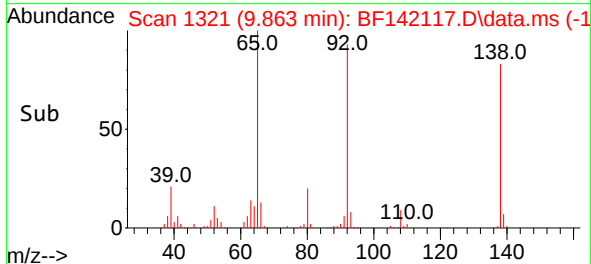
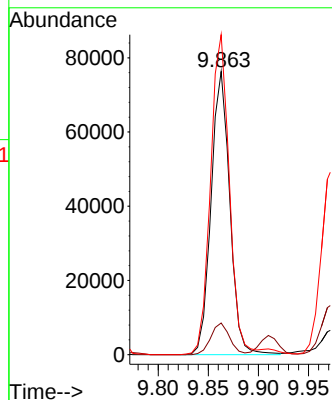
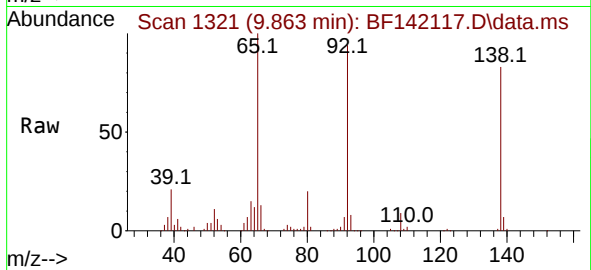




#53
3-Nitroaniline
Concen: 21.601 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

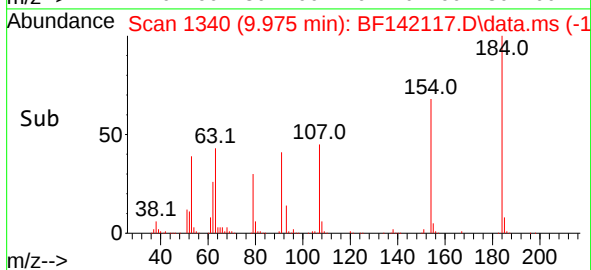
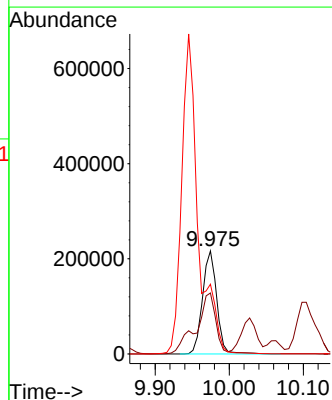
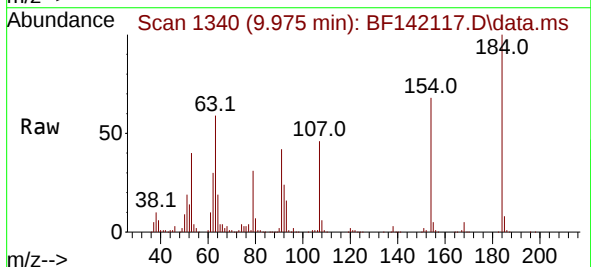
Instrument :
BNA_F
ClientSampleId :
PB167321BS

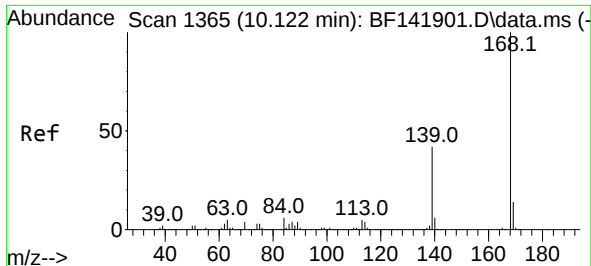
Tgt Ion:138 Resp: 99342
Ion Ratio Lower Upper
138 100
108 11.2 9.3 13.9
92 113.0 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 109.752 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:184 Resp: 289587
Ion Ratio Lower Upper
184 100
63 59.1 60.2 90.4#
154 67.7 132.9 199.3#

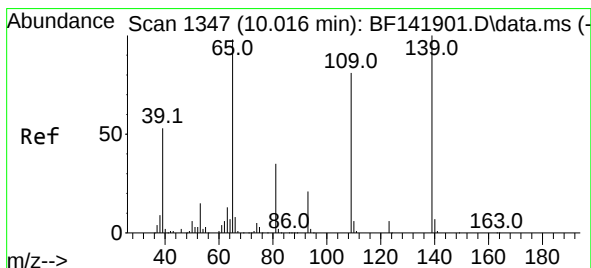
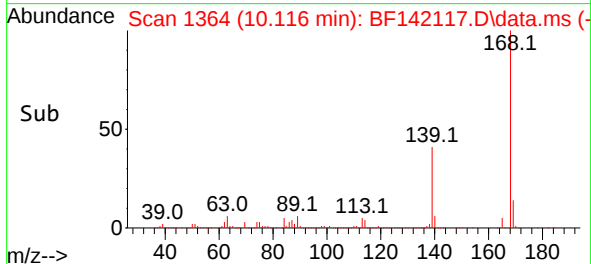
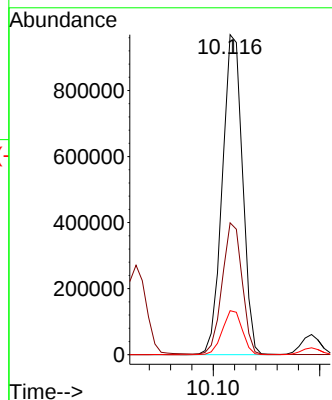
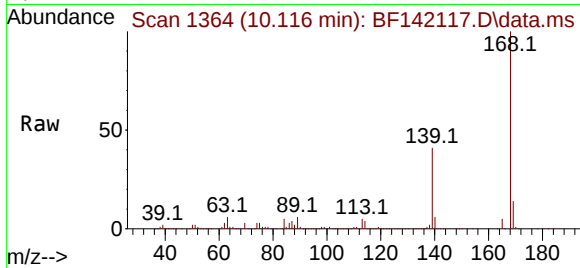




#55
Dibenzenofuran
Concen: 48.483 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

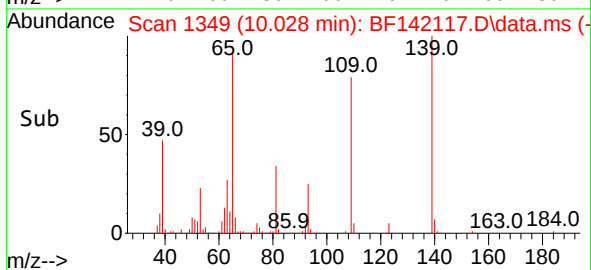
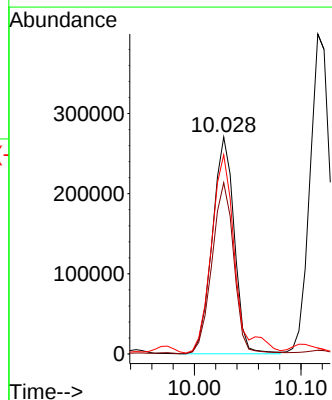
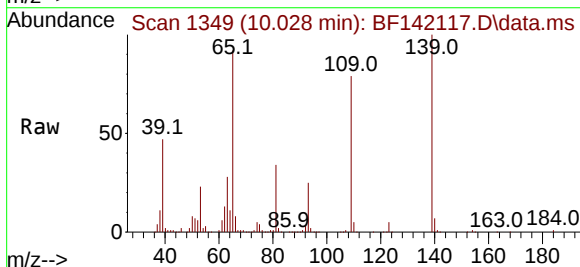
Instrument :
BNA_F
ClientSampleId :
PB167321BS

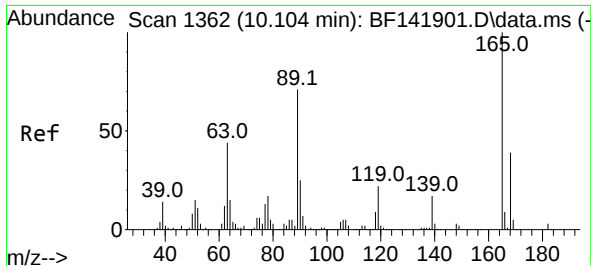
Tgt Ion:168 Resp: 1272272
Ion Ratio Lower Upper
168 100
139 41.2 33.9 50.9
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 111.236 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:139 Resp: 385796
Ion Ratio Lower Upper
139 100
109 79.0 61.6 101.6
65 91.9 79.4 119.4

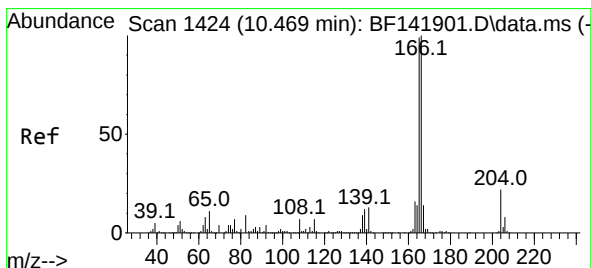
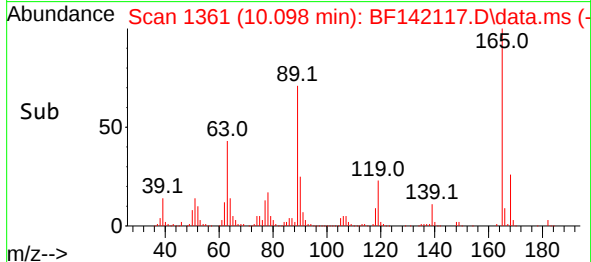
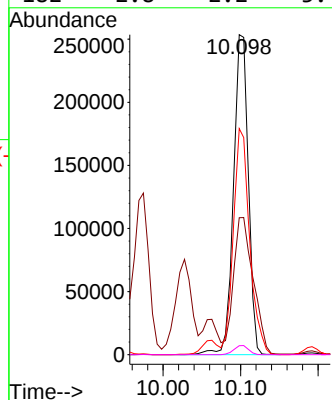
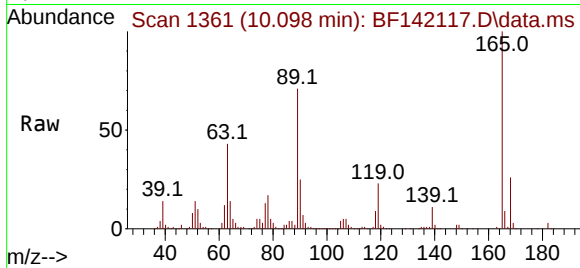




#57
2,4-Dinitrotoluene
Concen: 57.016 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

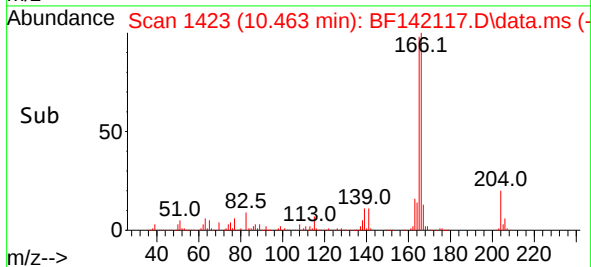
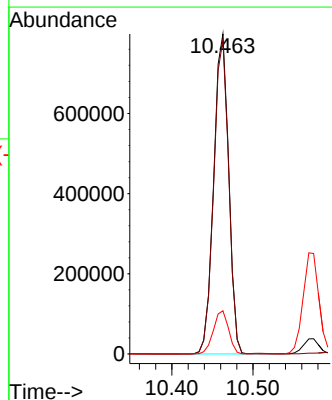
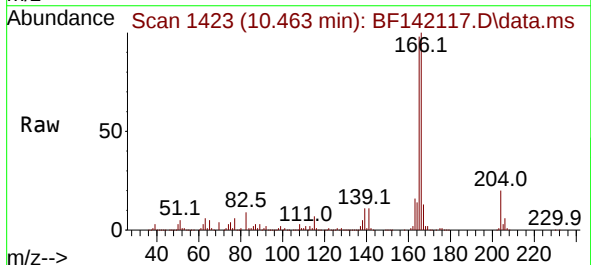
Instrument :
BNA_F
ClientSampleId :
PB167321BS

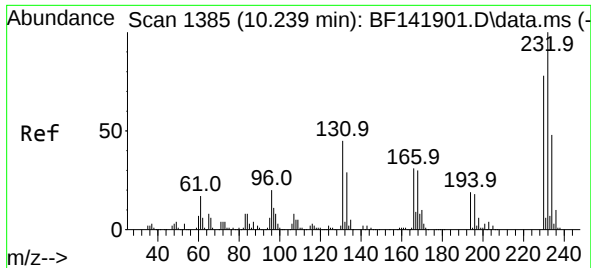
Tgt Ion:165 Resp: 337634
Ion Ratio Lower Upper
165 100
63 42.8 35.4 53.2
89 70.6 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 50.636 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:166 Resp: 1024700
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 13.5 11.0 16.4

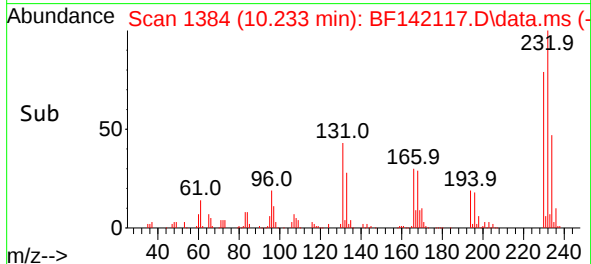
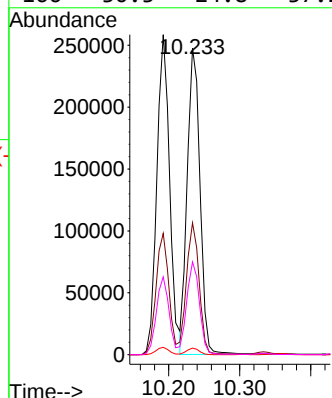
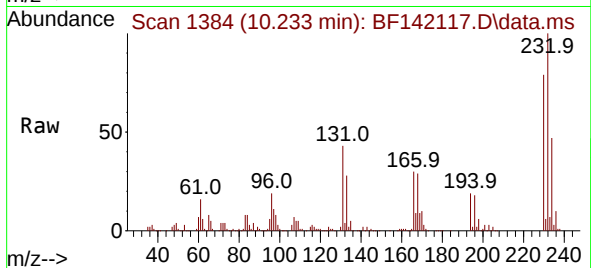




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.013 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

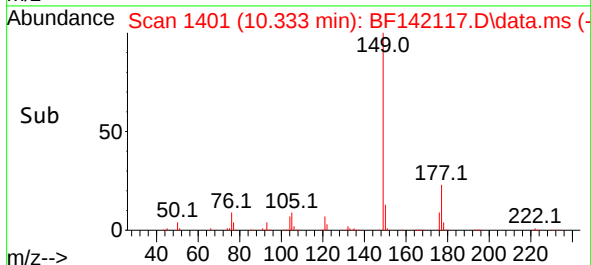
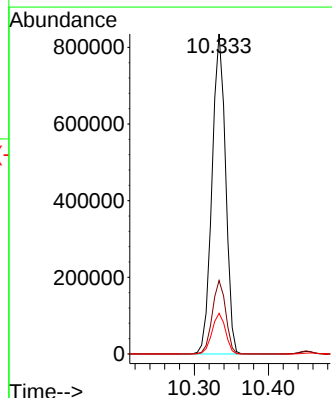
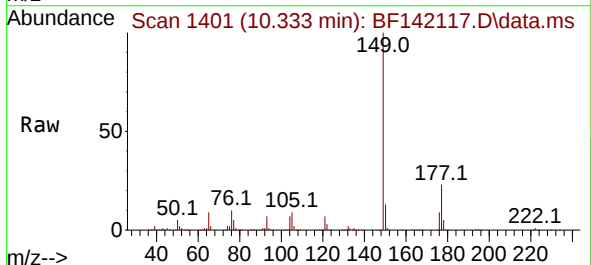
Instrument :
BNA_F
ClientSampleId :
PB167321BS

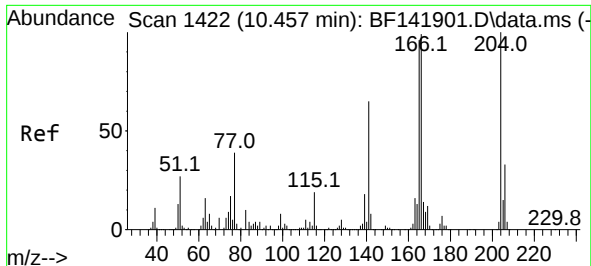
Tgt Ion:232 Resp: 308000
Ion Ratio Lower Upper
232 100
131 43.4 37.3 55.9
130 2.1 1.9 2.9
166 30.3 24.8 37.2



#60
Diethylphthalate
Concen: 48.757 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:149 Resp: 1058669
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.7 10.2 15.4

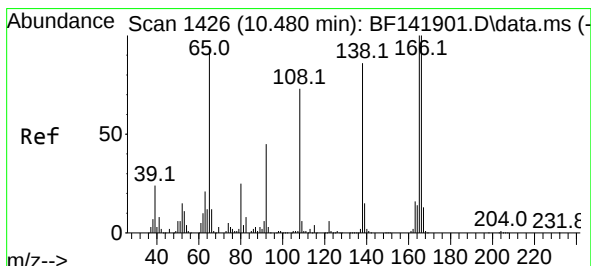
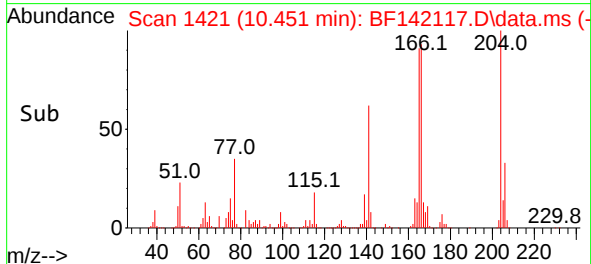
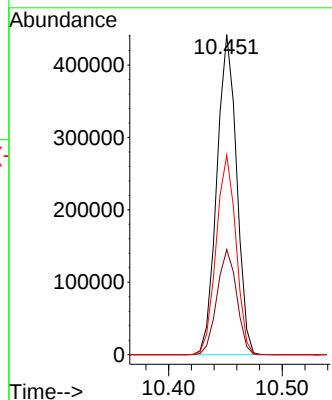
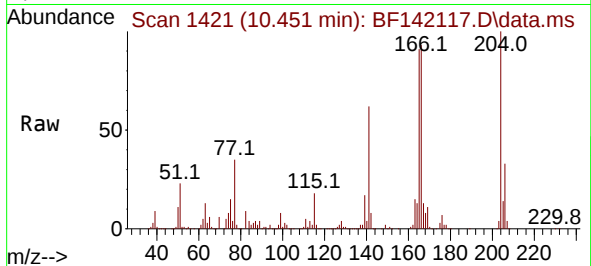




#61
4-Chlorophenyl-phenylether
Concen: 50.698 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

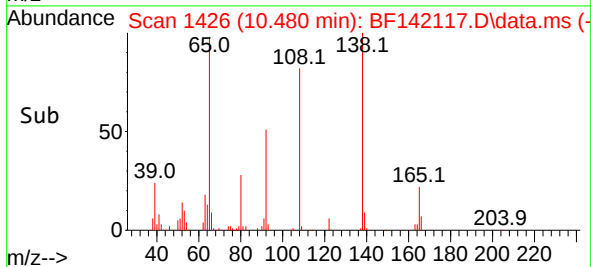
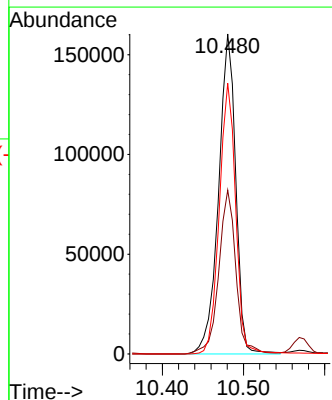
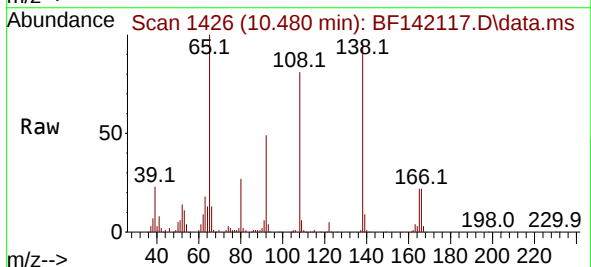
Instrument :
BNA_F
ClientSampleId :
PB167321BS

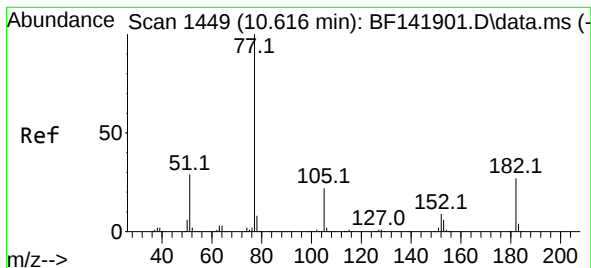
Tgt Ion:204 Resp: 534893
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 62.3 52.4 78.6



#62
4-Nitroaniline
Concen: 52.802 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:138 Resp: 236418
Ion Ratio Lower Upper
138 100
92 51.2 32.6 72.6
108 84.6 65.0 105.0





#63

Azobenzene

Concen: 48.300 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

Tgt Ion: 77 Resp: 975032

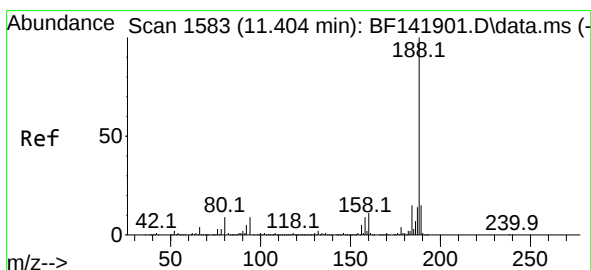
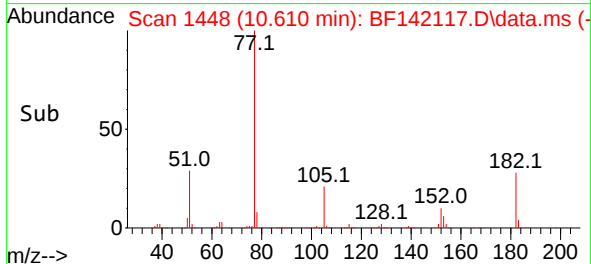
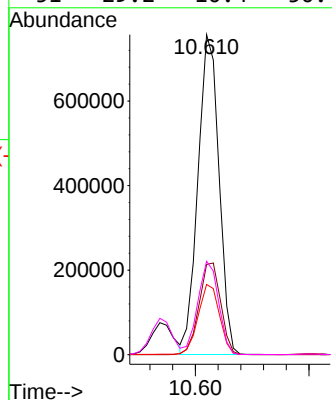
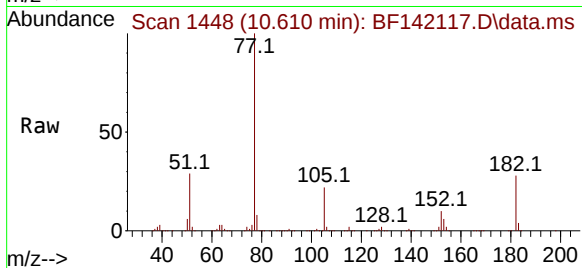
Ion Ratio Lower Upper

77 100

182 28.2 6.6 46.6

105 21.9 1.3 41.3

51 29.2 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

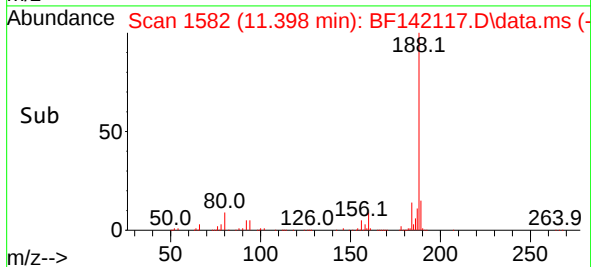
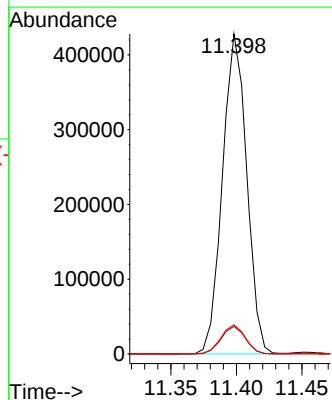
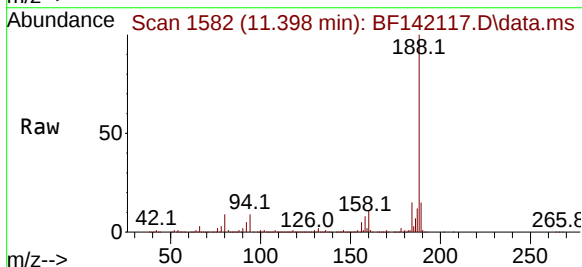
Tgt Ion: 188 Resp: 550860

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.1 7.6 11.4

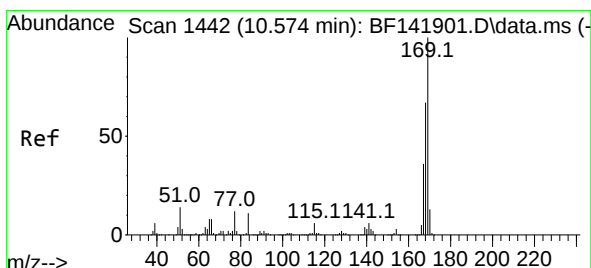
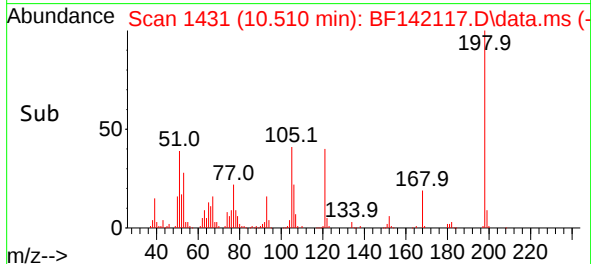
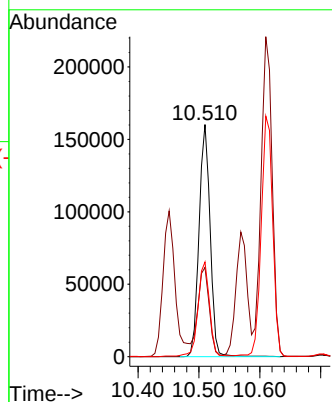
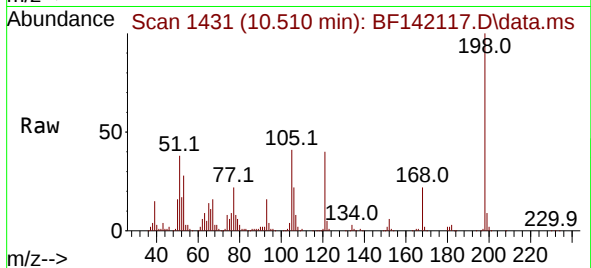




#65
4,6-Dinitro-2-methylphenol
Concen: 61.700 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

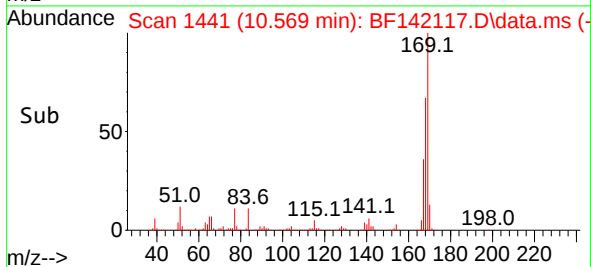
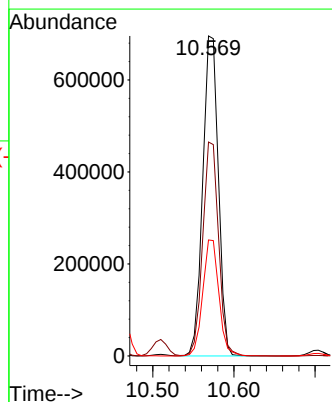
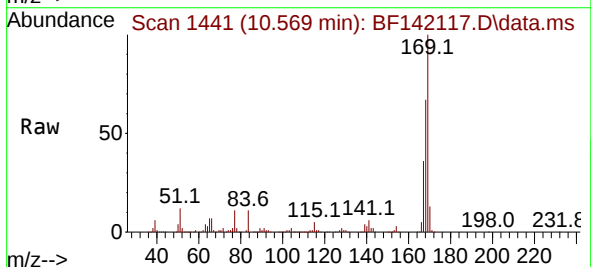
Instrument :
BNA_F
ClientSampleId :
PB167321BS

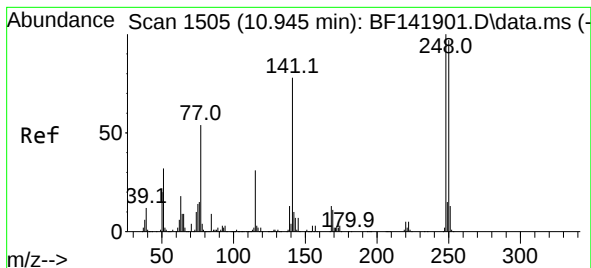
Tgt Ion:198 Resp: 202618
Ion Ratio Lower Upper
198 100
51 38.4 22.3 62.3
105 40.8 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 51.988 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

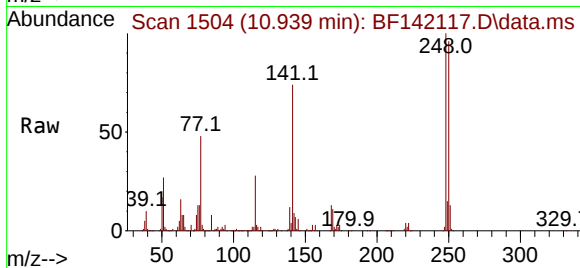
Tgt Ion:169 Resp: 926750
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.3 29.2 43.8



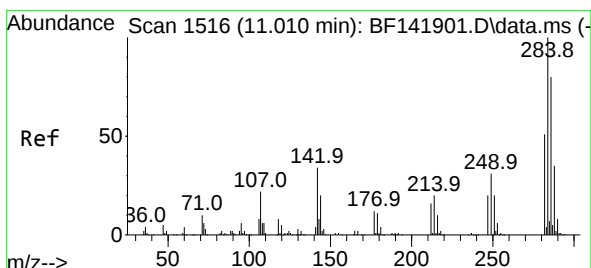
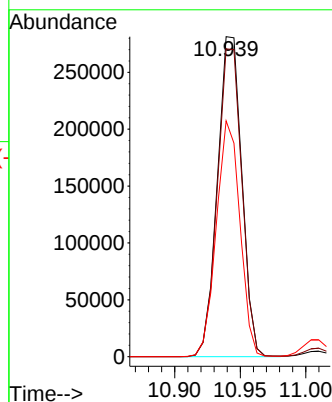
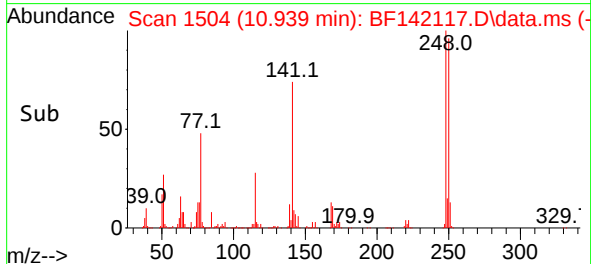


#67
4-Bromophenyl-phenylether
Concen: 52.714 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

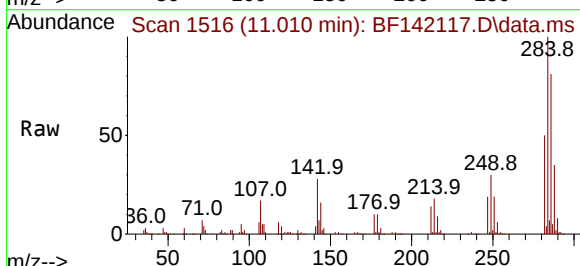
Instrument :
BNA_F
ClientSampleId :
PB167321BS



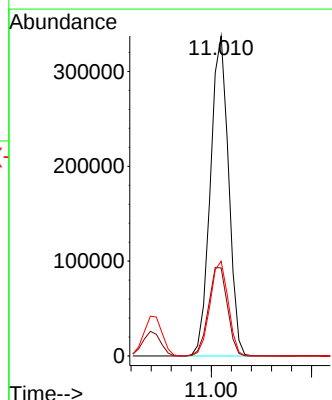
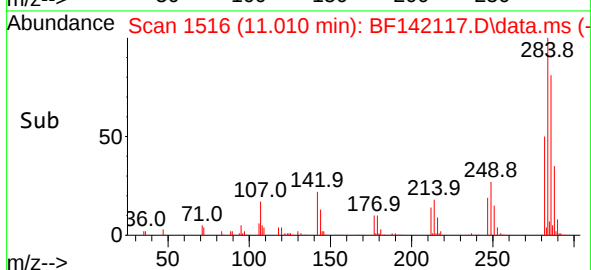
Tgt Ion:248 Resp: 364685
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.8
141 73.7 62.6 93.8



#68
Hexachlorobenzene
Concen: 55.942 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33



Tgt Ion:284 Resp: 424471
Ion Ratio Lower Upper
284 100
142 27.5 27.0 40.6
249 29.6 25.2 37.8





#69

Atrazine

Concen: 65.410 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

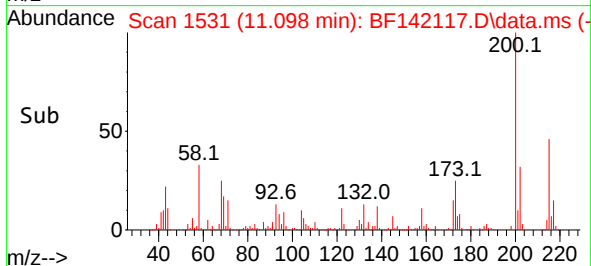
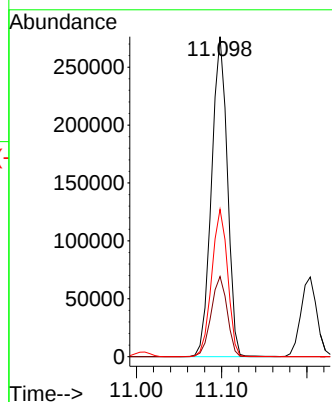
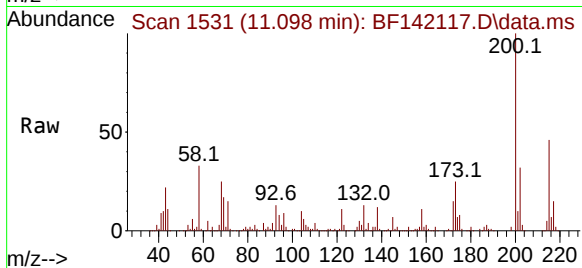
Tgt Ion:200 Resp: 357448

Ion Ratio Lower Upper

200 100

173 25.0 4.7 44.7

215 46.1 25.4 65.4



#70

Pentachlorophenol

Concen: 103.534 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

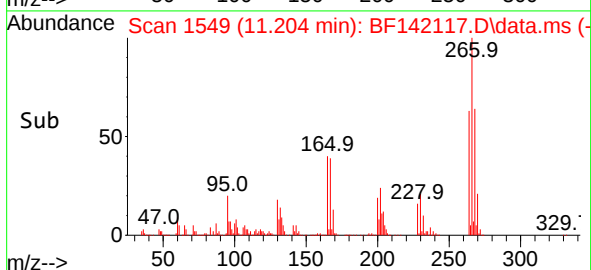
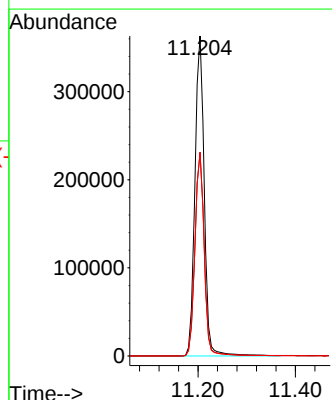
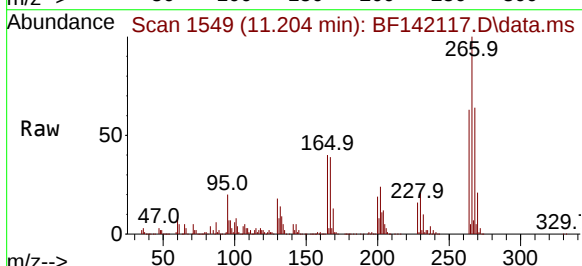
Tgt Ion:266 Resp: 484020

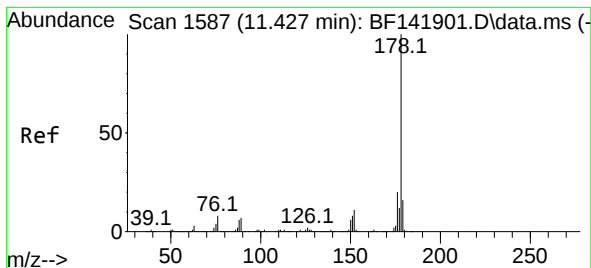
Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.6

264 63.5 50.2 75.2





#71

Phenanthrene

Concen: 52.810 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

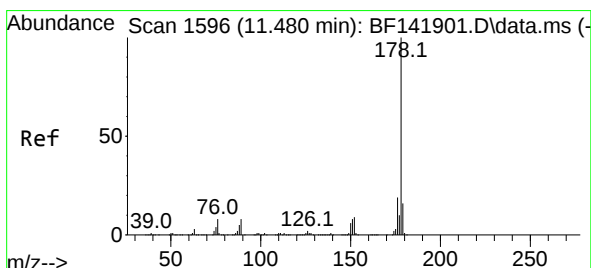
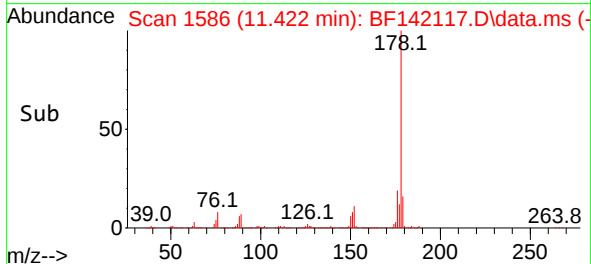
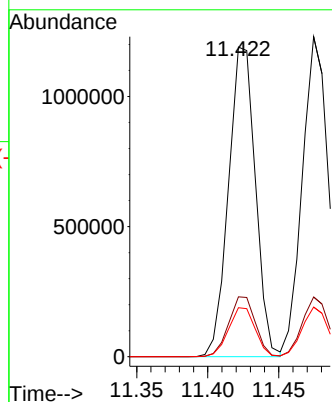
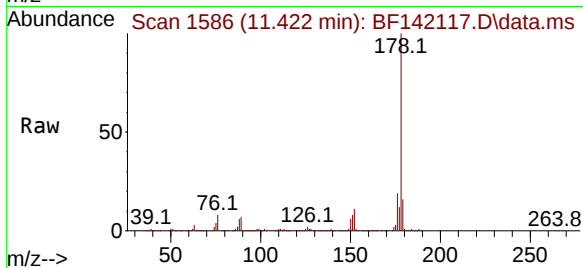
Tgt Ion:178 Resp: 1571298

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.8 12.6 19.0



#72

Anthracene

Concen: 52.075 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

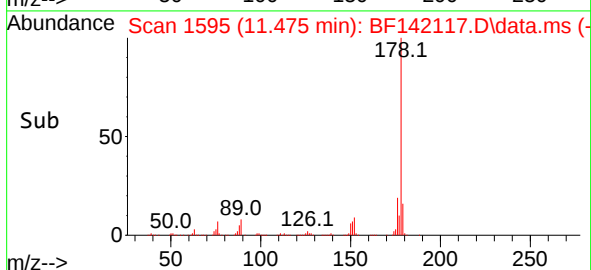
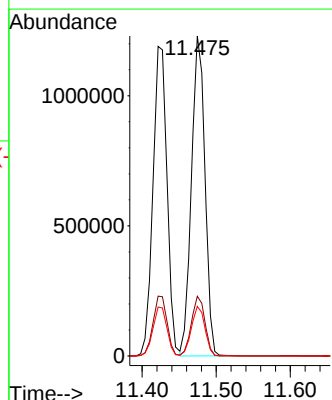
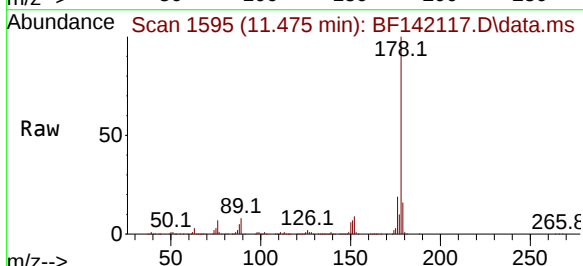
Tgt Ion:178 Resp: 1554485

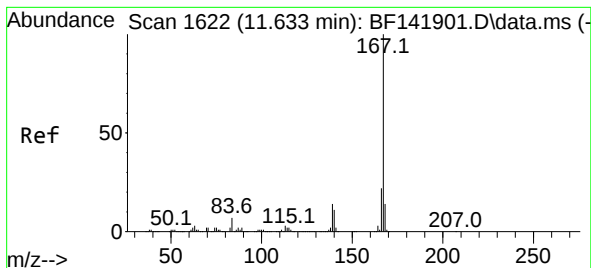
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.5 12.6 19.0





#73

Carbazole

Concen: 52.568 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

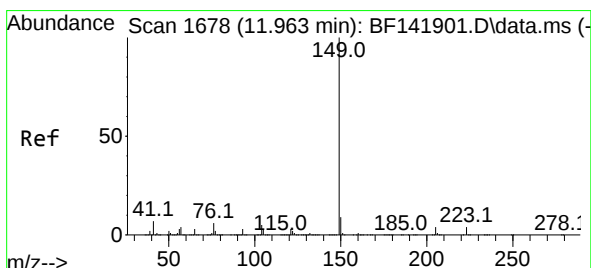
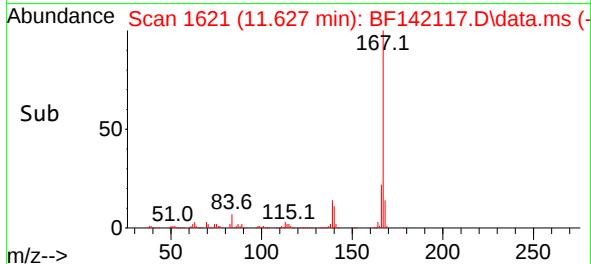
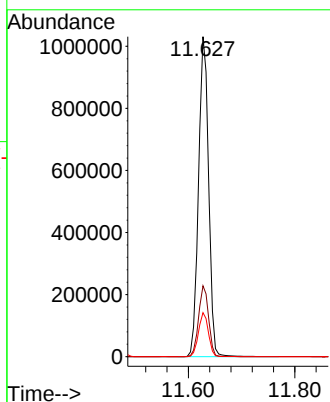
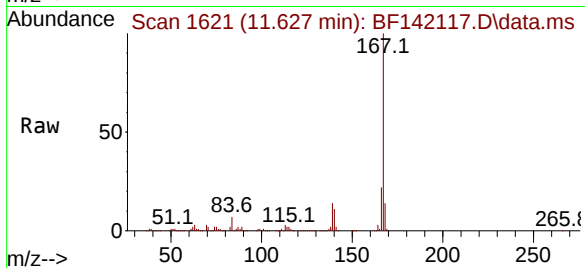
Tgt Ion:167 Resp: 1353296

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 13.8 11.0 16.6



#74

Di-n-butylphthalate

Concen: 50.909 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

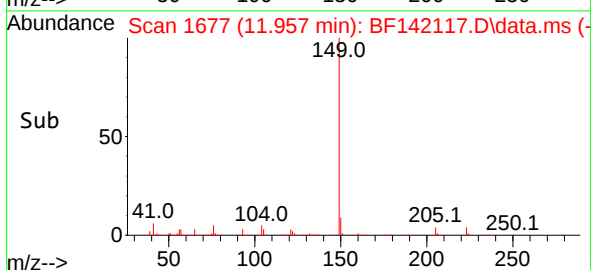
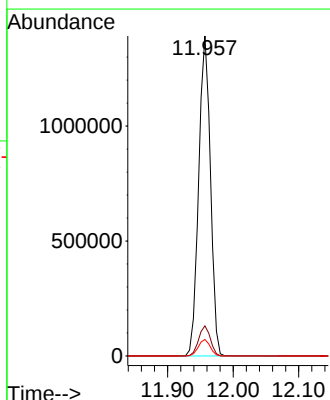
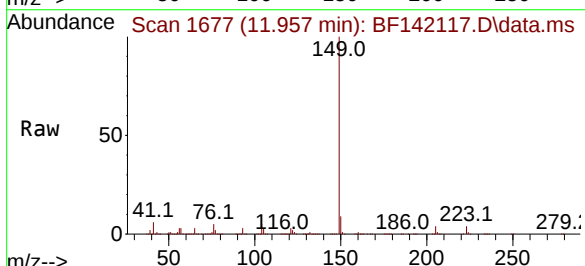
Tgt Ion:149 Resp: 1738986

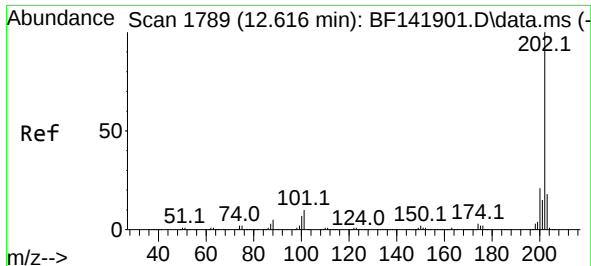
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

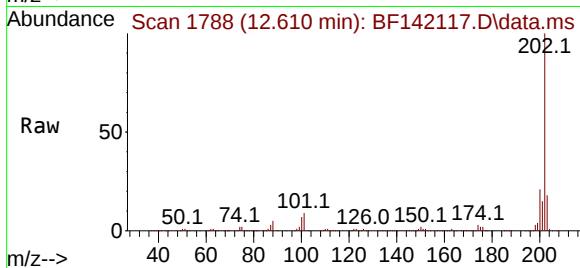
104 5.2 4.4 6.6



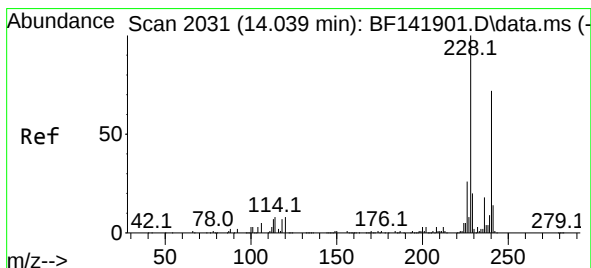
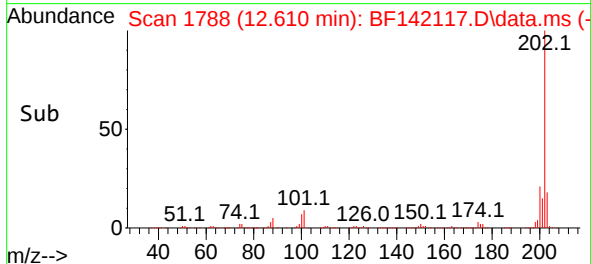
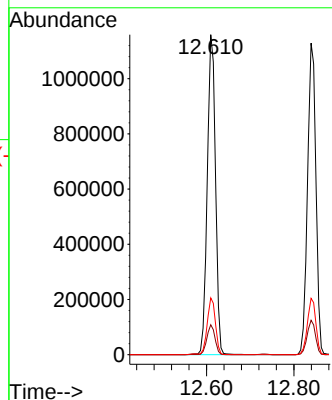


#75
Fluoranthene
Concen: 48.089 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Instrument :
BNA_F
ClientSampleId :
PB167321BS

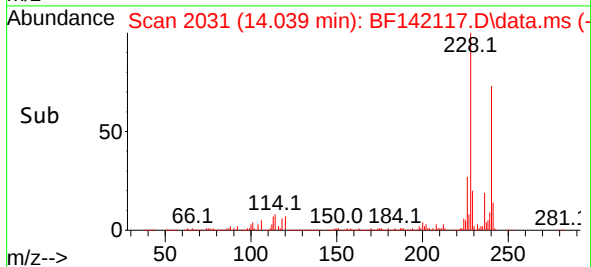
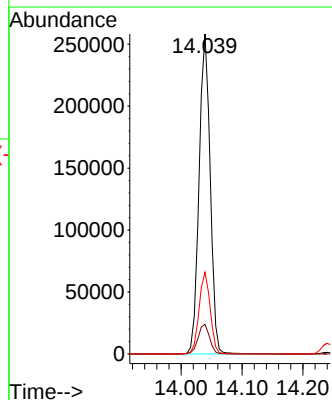
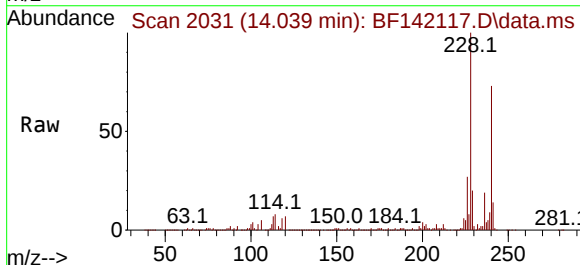


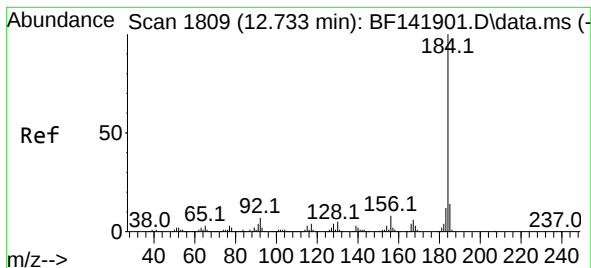
Tgt Ion:202 Resp: 1517781
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:240 Resp: 326385
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.5 20.5 30.7





#77

Benzidine

Concen: 99.201 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

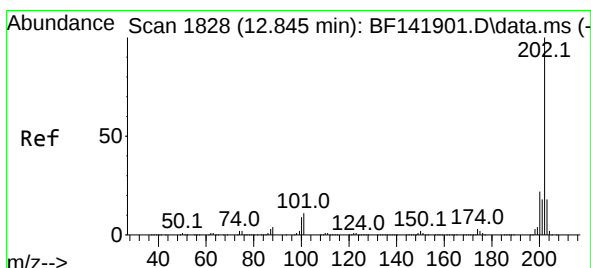
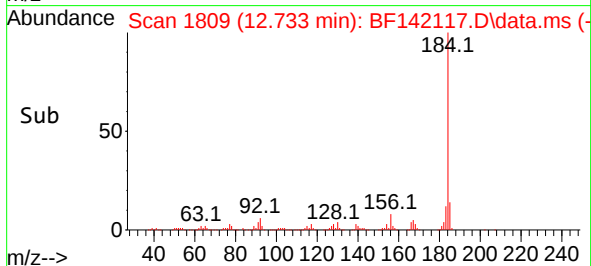
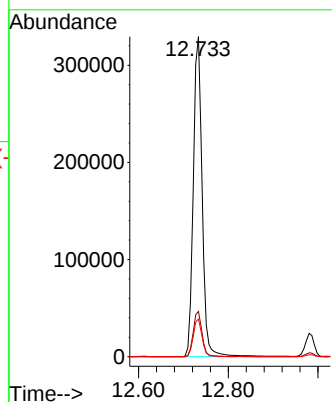
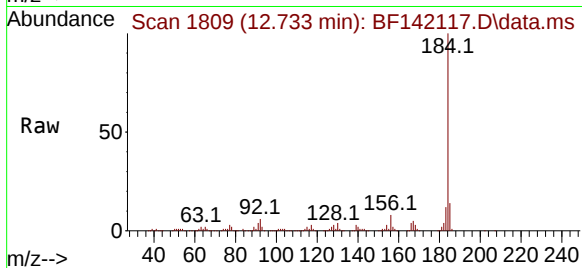
Tgt Ion:184 Resp: 451729

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.7 9.7 14.5



#78

Pyrene

Concen: 52.689 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

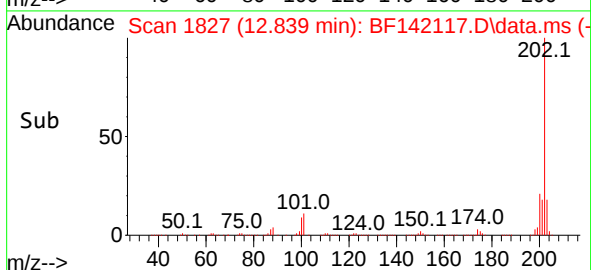
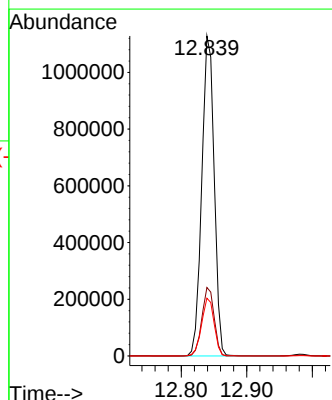
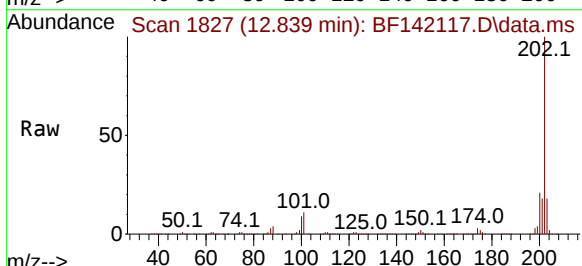
Tgt Ion:202 Resp: 1487561

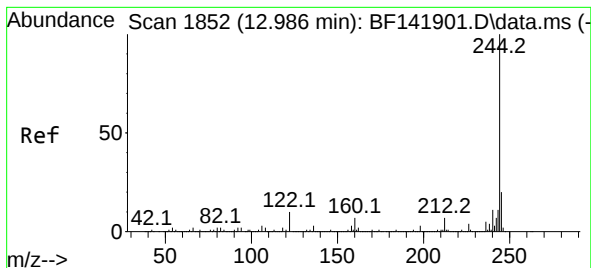
Ion Ratio Lower Upper

202 100

200 21.4 17.3 25.9

203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 105.869 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

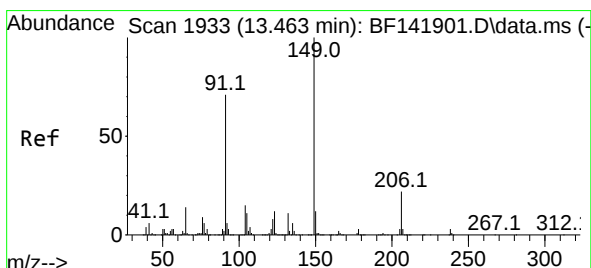
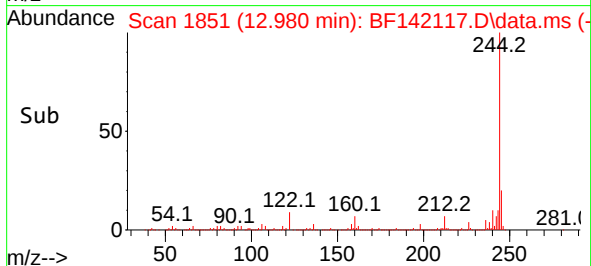
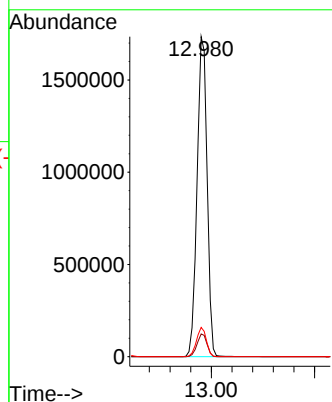
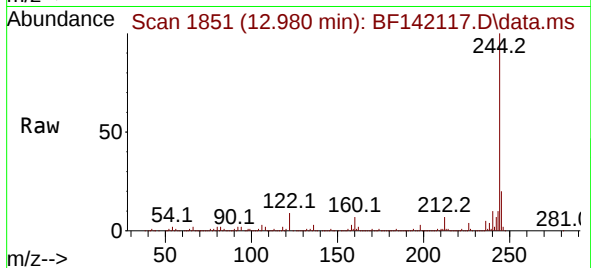
Tgt Ion:244 Resp: 2337171

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.1 7.7 11.5



#80

Butylbenzylphthalate

Concen: 51.851 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

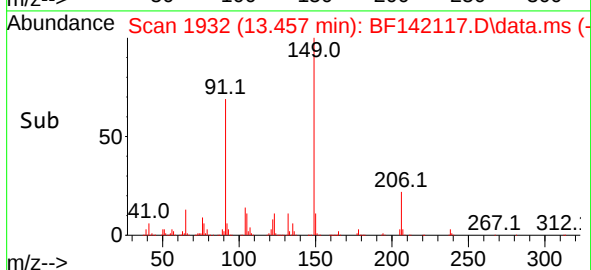
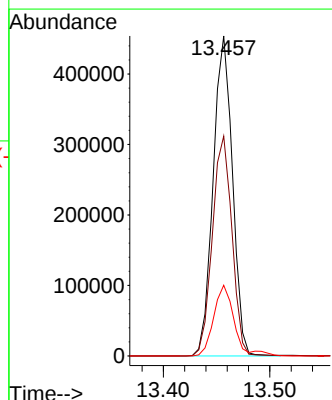
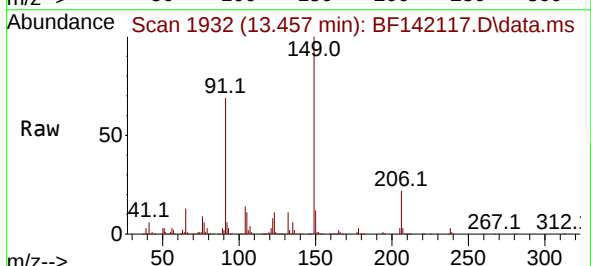
Tgt Ion:149 Resp: 572968

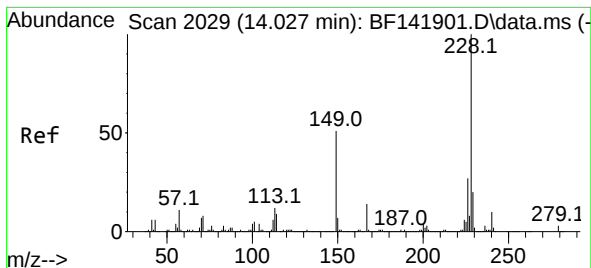
Ion Ratio Lower Upper

149 100

91 68.7 56.5 84.7

206 22.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 53.063 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

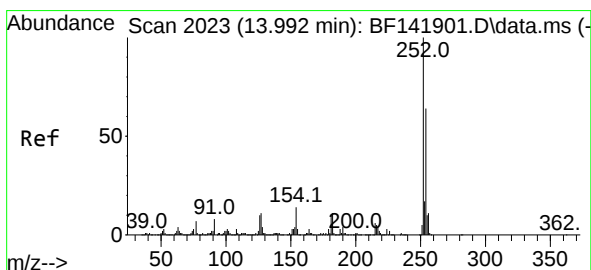
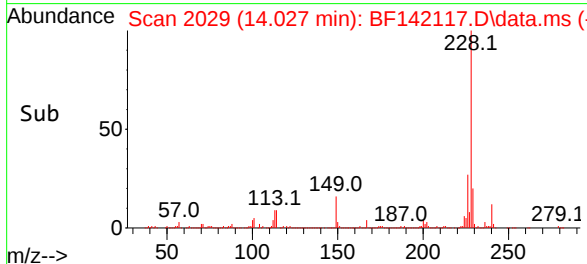
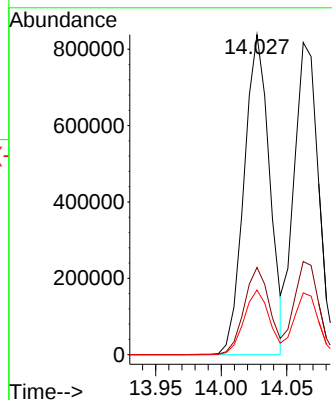
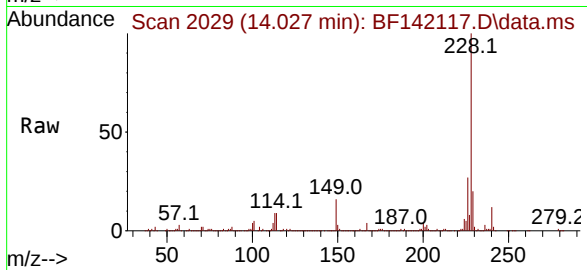
Tgt Ion:228 Resp: 1136487

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 15.769 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

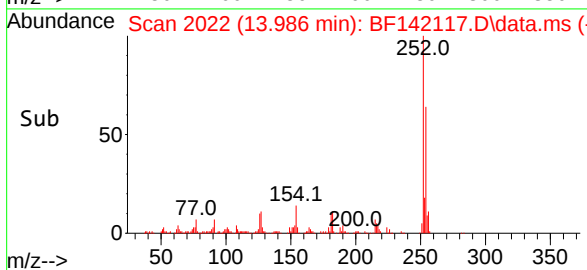
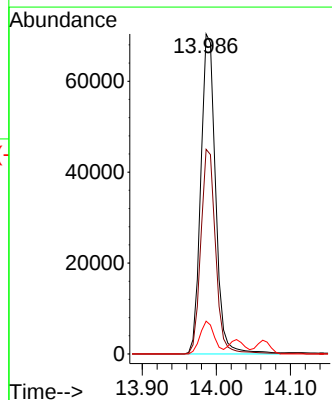
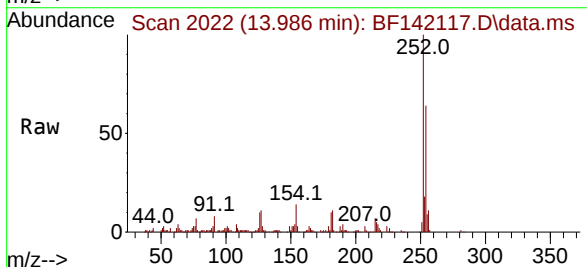
Tgt Ion:252 Resp: 97598

Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.6

126 10.2 8.4 12.6





#83

Chrysene

Concen: 54.462 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

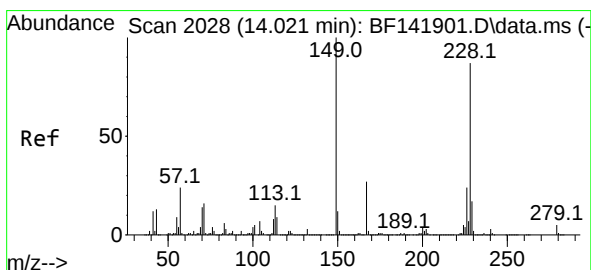
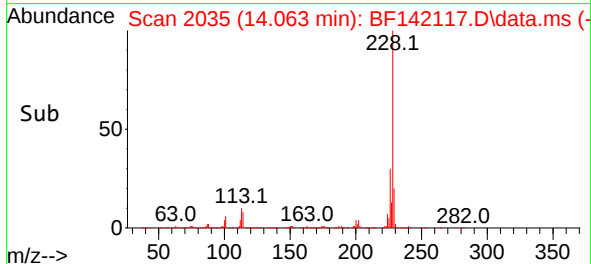
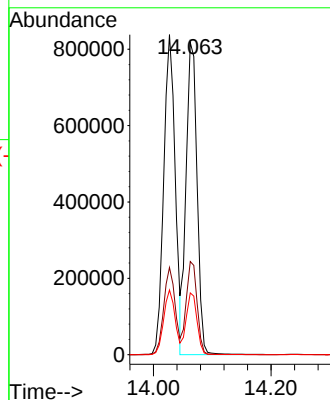
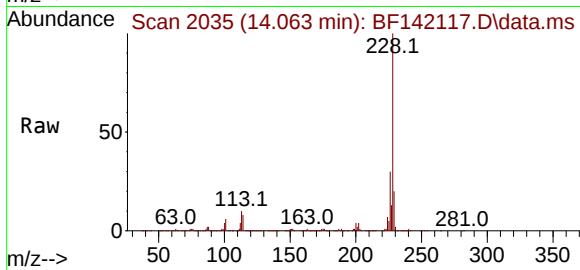
Tgt Ion:228 Resp: 1057348

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.519 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

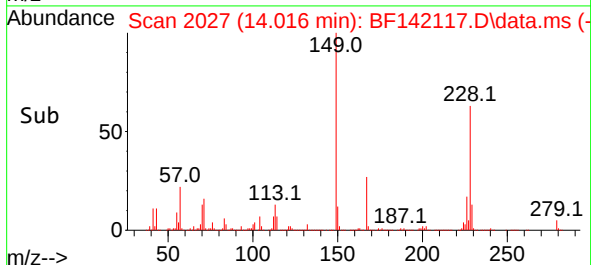
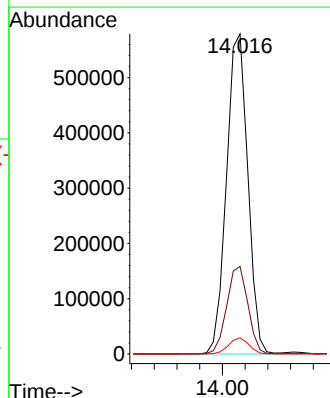
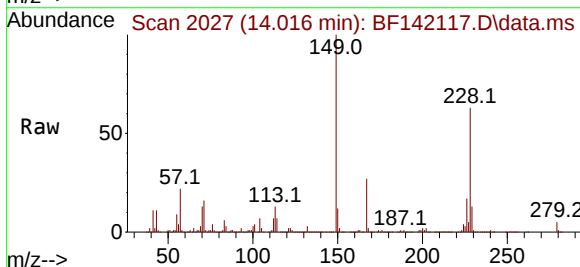
Tgt Ion:149 Resp: 754478

Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 54.218 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

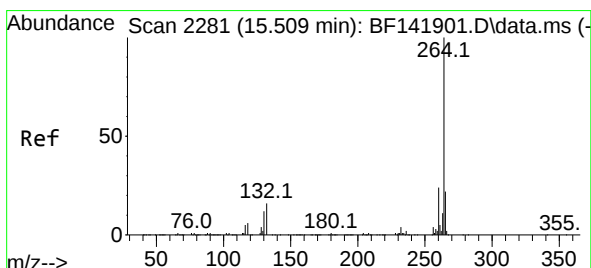
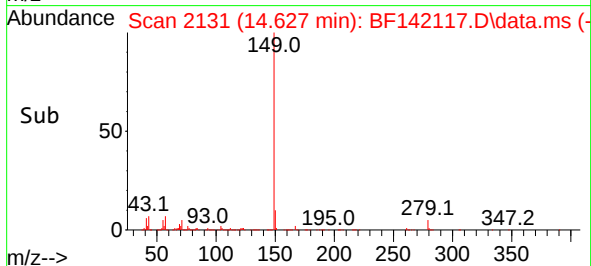
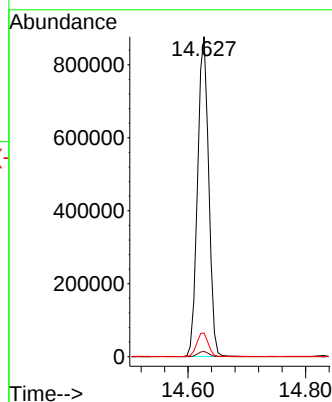
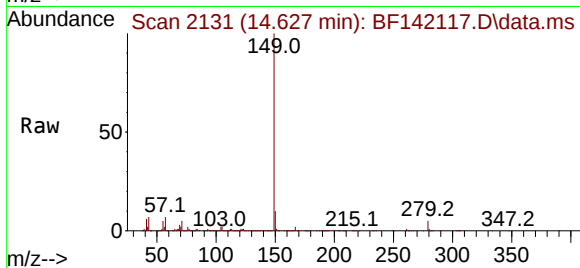
Tgt Ion:149 Resp: 1149381

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.7 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

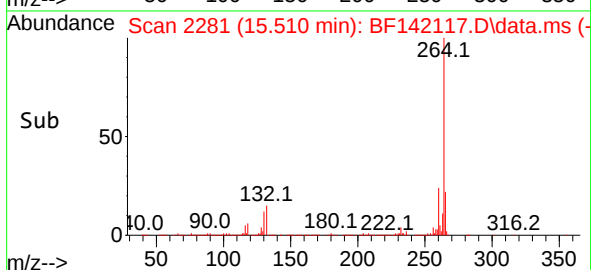
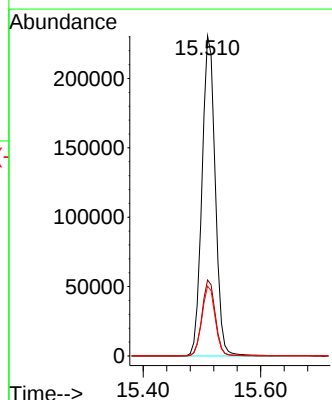
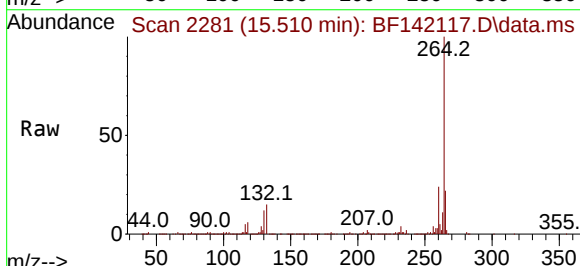
Tgt Ion:264 Resp: 360617

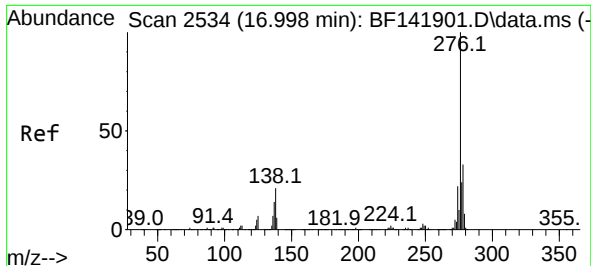
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.8 17.5 26.3

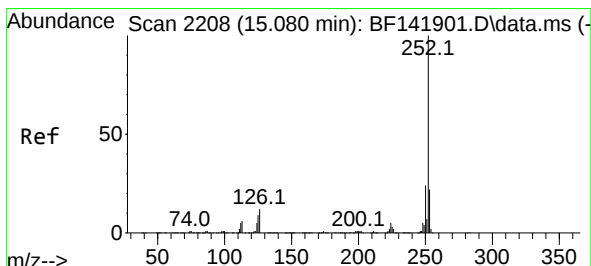
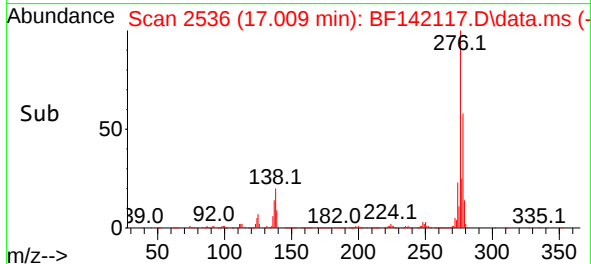
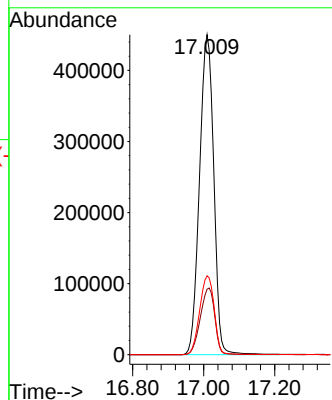
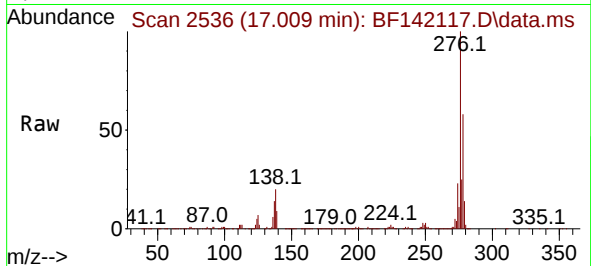




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.946 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

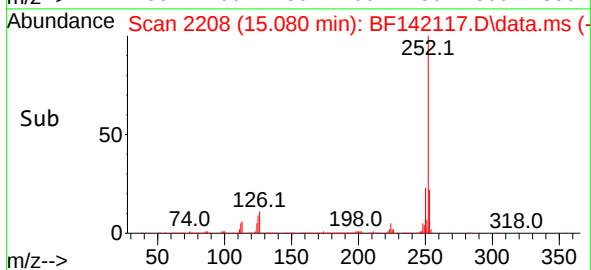
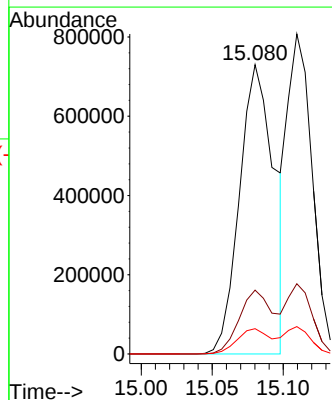
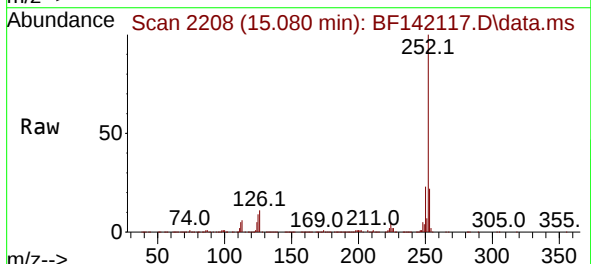
Instrument :
BNA_F
ClientSampleId :
PB167321BS

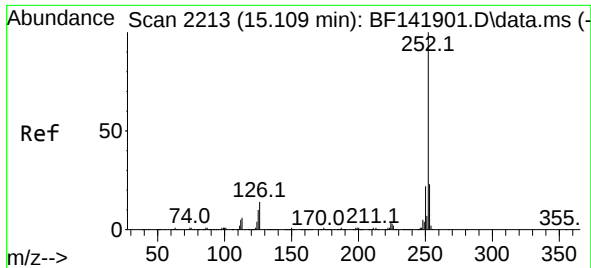
Tgt Ion:276 Resp: 1258432
Ion Ratio Lower Upper
276 100
138 21.1 18.4 27.6
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 50.216 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142117.D
Acq: 27 Mar 2025 10:33

Tgt Ion:252 Resp: 1241107
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 46.616 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB167321BS

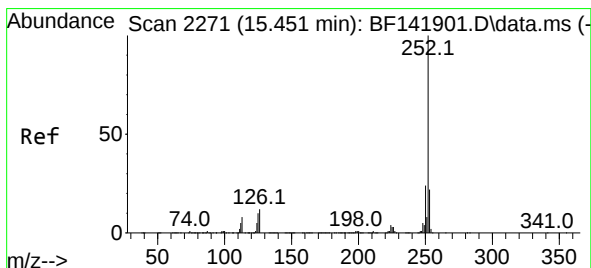
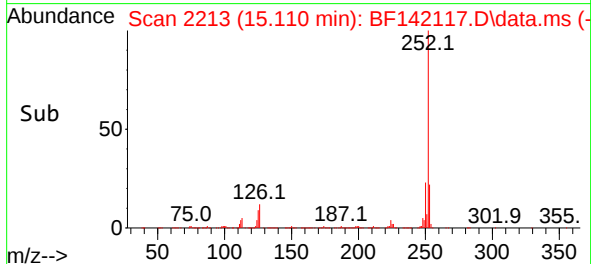
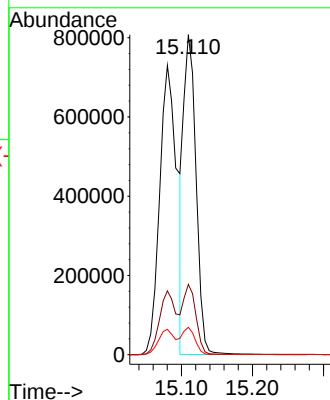
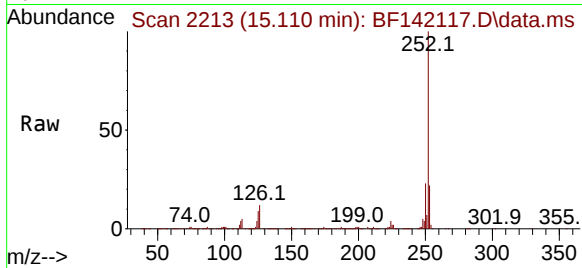
Tgt Ion:252 Resp: 985943

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 55.060 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF142117.D

Acq: 27 Mar 2025 10:33

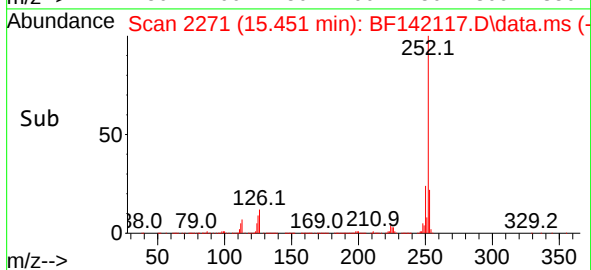
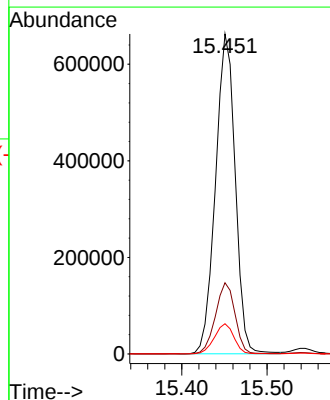
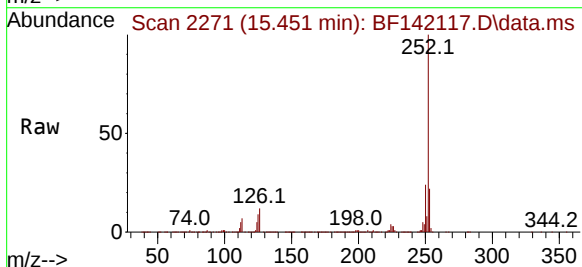
Tgt Ion:252 Resp: 1064781

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.5 7.8 11.8

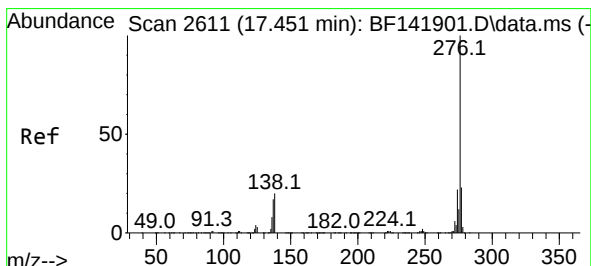
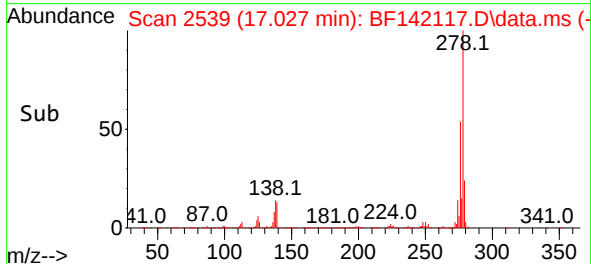
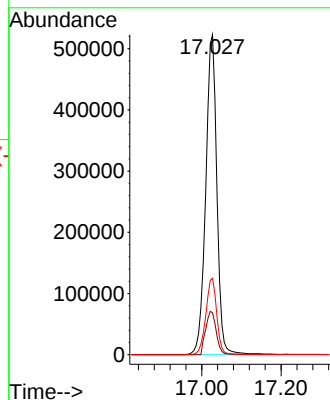
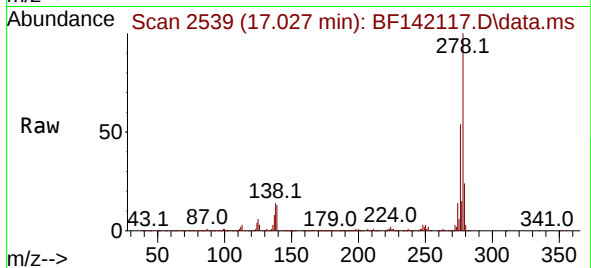




#91
 Dibenzo(a,h)anthracene
 Concen: 53.231 ng
 RT: 17.027 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB167321BS

Tgt Ion:278 Resp: 1024547
 Ion Ratio Lower Upper
 278 100
 139 13.1 11.4 17.2
 279 23.9 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 51.408 ng
 RT: 17.456 min Scan# 2612
 Delta R.T. 0.006 min
 Lab File: BF142117.D
 Acq: 27 Mar 2025 10:33

Tgt Ion:276 Resp: 977784
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.7 28.1
 138 18.8 15.8 23.8

