

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142445.D
 Acq On : 19 May 2025 12:05
 Operator : RC/JU
 Sample : PB167987BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167987BS

Quant Time: May 19 13:00:08 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	141273	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	537403	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	293927	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	520931	20.000	ng	0.00
76) Chrysene-d12	14.069	240	267148	20.000	ng	0.00
86) Perylene-d12	15.563	264	292683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	993244	120.019	ng	0.02
7) Phenol-d6	6.528	99	1196777	117.579	ng	0.00
23) Nitrobenzene-d5	7.469	82	748856	84.984	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	401256	141.396	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1529900	74.217	ng	0.00
79) Terphenyl-d14	13.016	244	1454705	80.596	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	115562	31.009	ng	96
3) Pyridine	3.534	79	326165	37.277	ng	97
4) n-Nitrosodimethylamine	3.487	42	187605	36.892	ng	96
6) Aniline	6.563	93	408649	40.932	ng	97
8) 2-Chlorophenol	6.687	128	385040	43.539	ng	98
9) Benzaldehyde	6.451	77	217910	36.579	ng	99
10) Phenol	6.545	94	463027	42.915	ng	94
11) bis(2-Chloroethyl)ether	6.640	93	352078	33.091	ng	99
12) 1,3-Dichlorobenzene	6.845	146	420974	41.609	ng	98
13) 1,4-Dichlorobenzene	6.922	146	422486	41.590	ng	99
14) 1,2-Dichlorobenzene	7.075	146	401063	41.132	ng	99
15) Benzyl Alcohol	7.040	79	303095	45.987	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	599692	37.743	ng	97
17) 2-Methylphenol	7.151	107	313661	43.809	ng	98
18) Hexachloroethane	7.416	117	146824	43.440	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	259259	41.178	ng	97
20) 3+4-Methylphenols	7.304	107	379699	42.493	ng	90
22) Acetophenone	7.310	105	506395	42.380	ng	95
24) Nitrobenzene	7.487	77	386358	46.514	ng	97
25) Isophorone	7.722	82	674425	40.418	ng	99
26) 2-Nitrophenol	7.798	139	207337	51.465	ng	99
27) 2,4-Dimethylphenol	7.834	122	369725	44.070	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	430796	40.150	ng	99
29) 2,4-Dichlorophenol	8.039	162	326752	45.812	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	360887	44.959	ng	99
31) Naphthalene	8.210	128	1141003	43.808	ng	99
32) Benzoic acid	7.951	122	242101	52.371	ng	99
33) 4-Chloroaniline	8.251	127	116508m	10.962	ng	
34) Hexachlorobutadiene	8.322	225	224762	47.287	ng	99
35) Caprolactam	8.622	113	103323m	49.705	ng	
36) 4-Chloro-3-methylphenol	8.734	107	340576	45.935	ng	99
37) 2-Methylnaphthalene	8.898	142	689011	42.573	ng	99
38) 1-Methylnaphthalene	8.998	142	714047	42.331	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	345048	42.032	ng	99
41) Hexachlorocyclopentadiene	9.051	237	474110	93.450	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	237077	45.785	ng	98

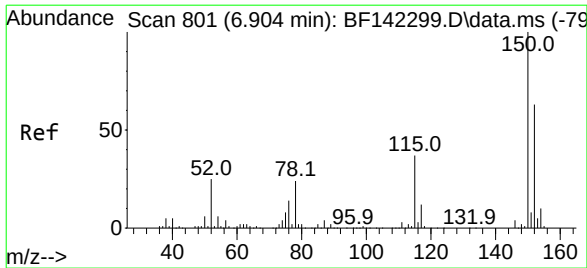
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
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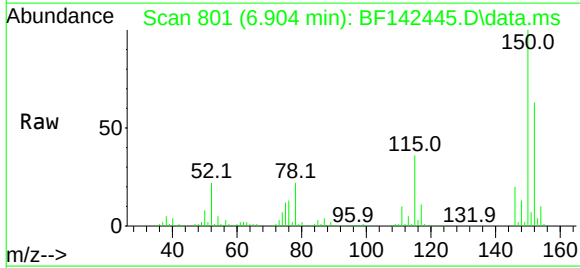
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	245310	44.525	ng	99
46) 1,1'-Biphenyl	9.363	154	909839	40.372	ng	99
47) 2-Chloronaphthalene	9.386	162	700494	41.796	ng	99
48) 2-Nitroaniline	9.481	65	205959	47.943	ng	92
49) Acenaphthylene	9.804	152	1168126	41.664	ng	100
50) Dimethylphthalate	9.663	163	795395	42.143	ng	99
51) 2,6-Dinitrotoluene	9.722	165	181999	51.516	ng	93
52) Acenaphthene	9.975	154	768200	45.568	ng	99
53) 3-Nitroaniline	9.892	138	102396	24.713	ng	93
54) 2,4-Dinitrophenol	9.998	184	217075	113.861	ng	# 1
55) Dibenzofuran	10.151	168	1025435	41.216	ng	100
56) 4-Nitrophenol	10.051	139	312516	100.218	ng	96
57) 2,4-Dinitrotoluene	10.128	165	248584	54.855	ng	94
58) Fluorene	10.492	166	790954	41.657	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	213557	46.955	ng	98
60) Diethylphthalate	10.363	149	763904	40.529	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	381635	41.661	ng	98
62) 4-Nitroaniline	10.510	138	188512	57.405	ng	99
63) Azobenzene	10.645	77	691397	38.387	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	131234	53.139	ng	96
66) n-Nitrosodiphenylamine	10.604	169	697620	40.244	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	241048	40.829	ng	97
68) Hexachlorobenzene	11.039	284	270515	41.655	ng	96
69) Atrazine	11.128	200	212006	46.397	ng	100
70) Pentachlorophenol	11.233	266	343543	100.557	ng	98
71) Phenanthrene	11.457	178	1143757	41.887	ng	100
72) Anthracene	11.510	178	1166616	41.580	ng	99
73) Carbazole	11.657	167	1038886	41.272	ng	100
74) Di-n-butylphthalate	11.986	149	1127755	42.607	ng	100
75) Fluoranthene	12.645	202	1072447	39.290	ng	98
77) Benzidine	12.763	184	324707	66.883	ng	98
78) Pyrene	12.874	202	1042270	43.832	ng	99
80) Butylbenzylphthalate	13.486	149	306321	44.436	ng	99
81) Benzo(a)anthracene	14.057	228	782375	45.222	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	142856	35.507	ng	99
83) Chrysene	14.098	228	680676	42.263	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	410785	45.680	ng	99
85) Di-n-octyl phthalate	14.663	149	772141	47.489	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	956870	46.998	ng	98
88) Benzo(b)fluoranthene	15.121	252	756657	42.685	ng	99
89) Benzo(k)fluoranthene	15.151	252	652259	40.208	ng	100
90) Benzo(a)pyrene	15.498	252	704559	44.354	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	780084	46.377	ng	99
92) Benzo(g,h,i)perylene	17.533	276	758122	45.412	ng	97

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

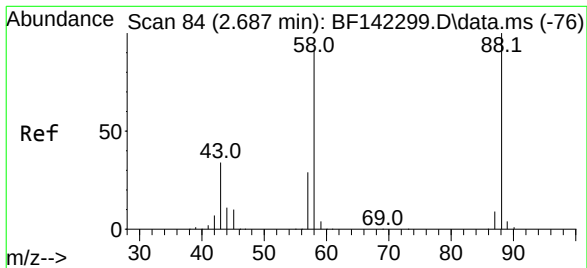
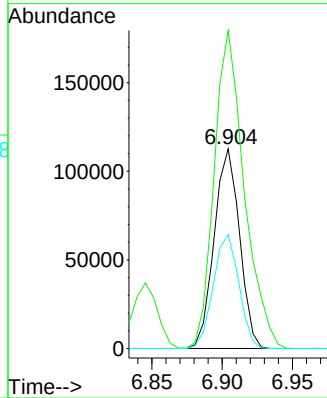
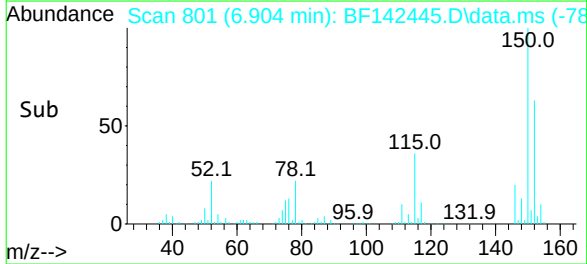


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

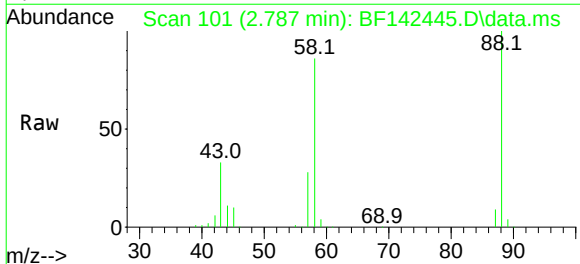
Instrument :
BNA_F
ClientSampleId :
PB167987BS



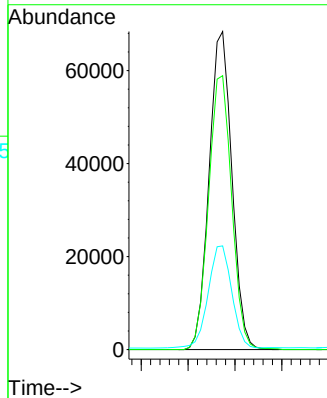
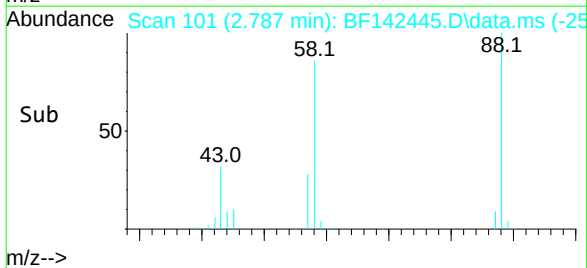
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Ion Ratio Lower Upper
152 100
150 159.3 126.6 190.0
115 57.1 47.3 70.9

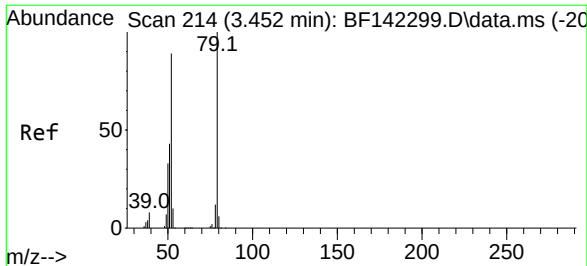


#2
1,4-Dioxane
Concen: 31.009 ng
RT: 2.787 min Scan# 101
Delta R.T. 0.100 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05



Tgt Ion: 88 Resp: 115562
Ion Ratio Lower Upper
88 100
58 87.5 73.0 109.4
43 33.2 27.8 41.6

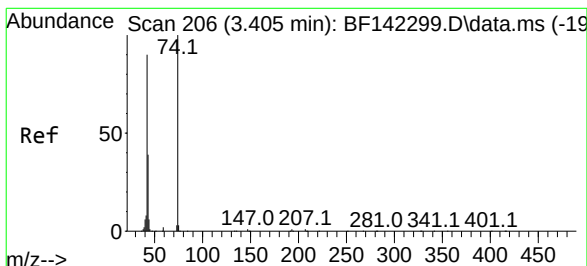
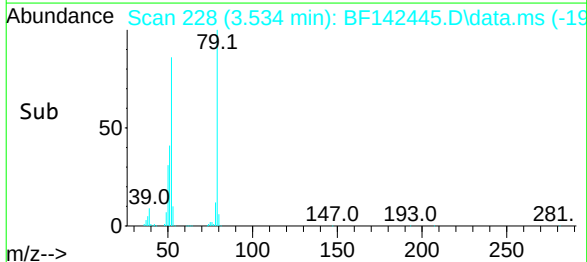
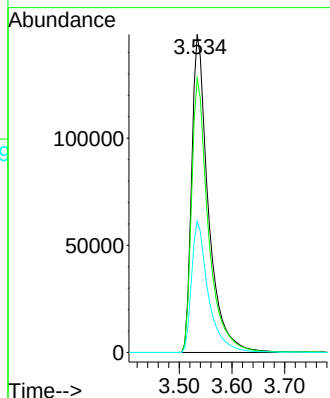
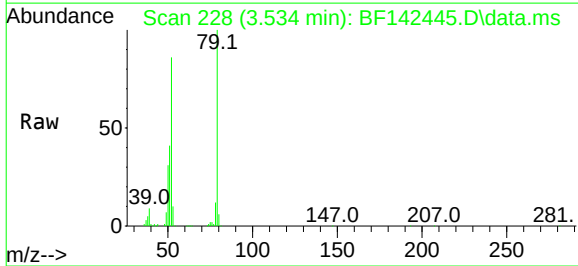




#3
Pyridine
Concen: 37.277 ng
RT: 3.534 min Scan# 220
Delta R.T. 0.082 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

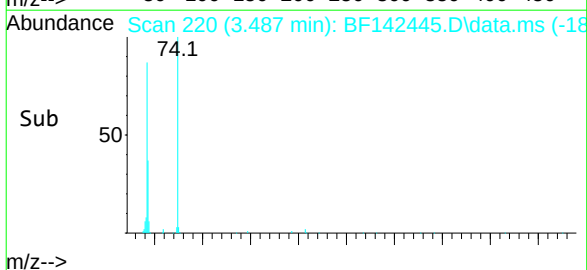
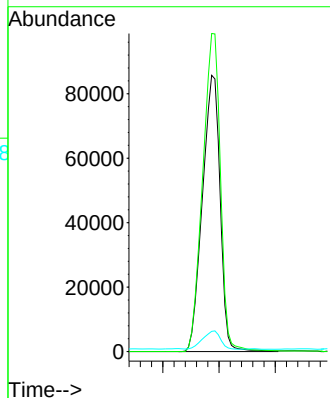
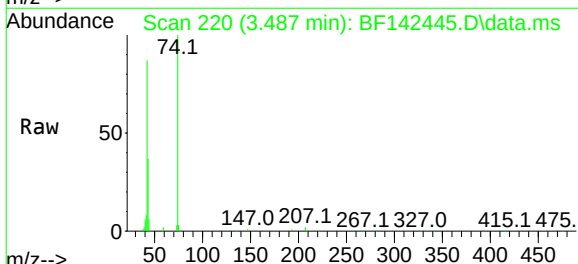
Instrument :
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ClientSampleId :
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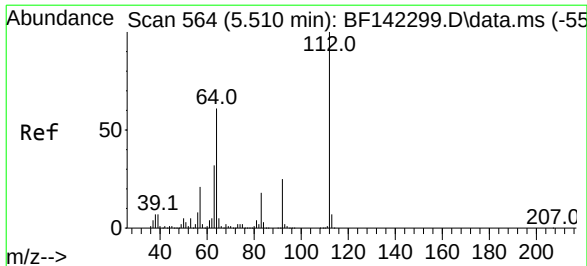
Tgt Ion: 79 Resp: 326165
Ion Ratio Lower Upper
79 100
52 86.2 71.0 106.4
51 41.2 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 36.892 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.082 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 42 Resp: 187605
Ion Ratio Lower Upper
42 100
74 115.1 88.5 132.7
44 7.3 5.8 8.8

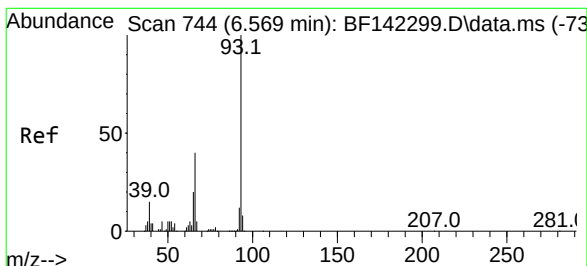
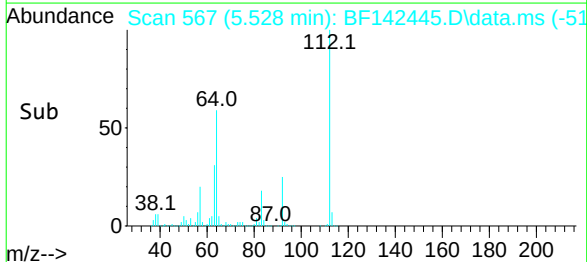
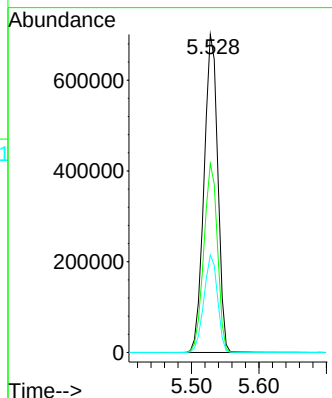
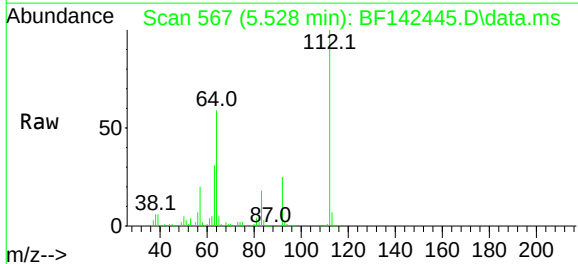




#5
2-Fluorophenol
Concen: 120.019 ng
RT: 5.528 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

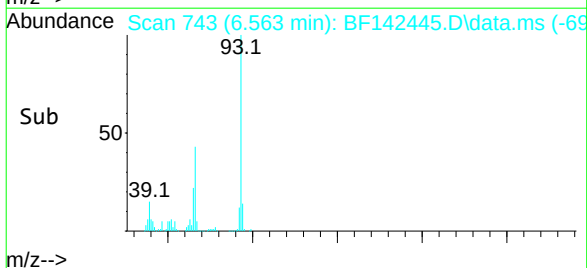
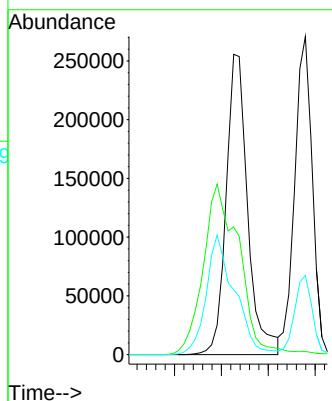
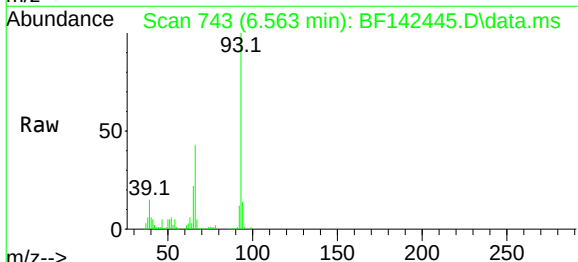
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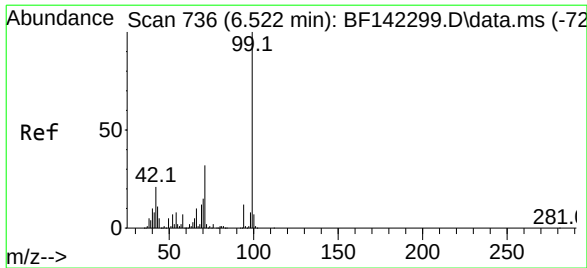
Tgt Ion:	112	Resp:	993244
Ion	Ratio	Lower	Upper
112	100		
64	59.4	48.9	73.3
63	30.6	25.6	38.4



#6
Aniline
Concen: 40.932 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:	93	Resp:	408649
Ion	Ratio	Lower	Upper
93	100		
66	42.5	32.2	48.4
65	21.6	16.3	24.5

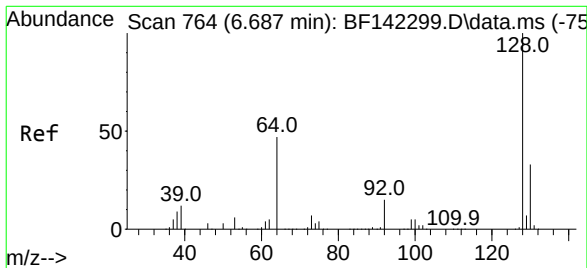
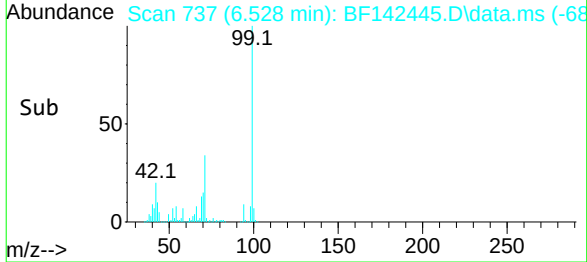
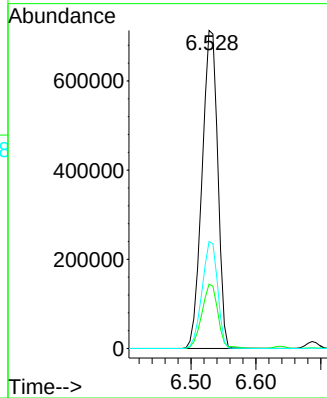
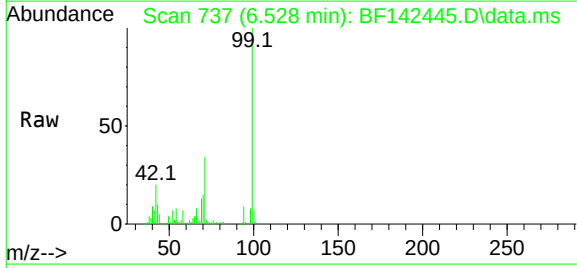




#7
Phenol-d6
Concen: 117.579 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

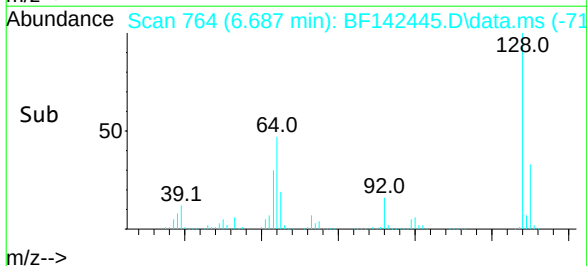
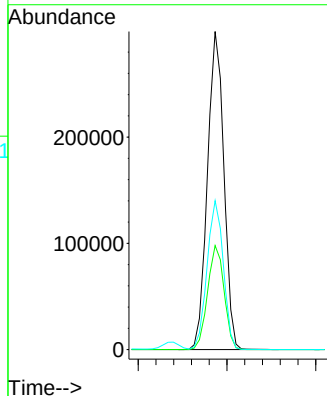
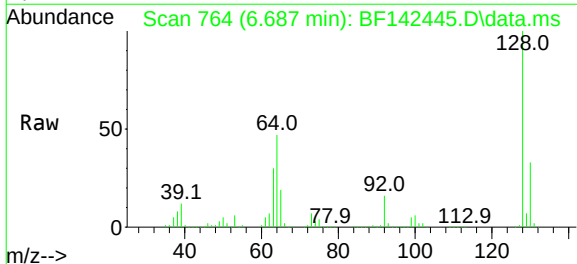
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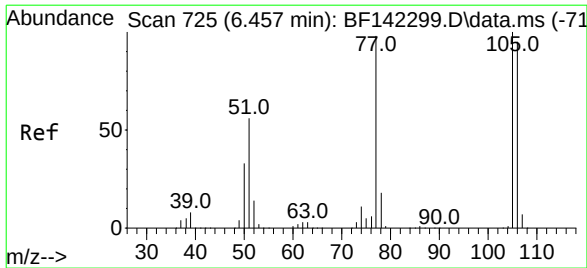
Tgt Ion: 99 Resp: 1196777
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.4
71 33.6 25.8 38.8



#8
2-Chlorophenol
Concen: 43.539 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

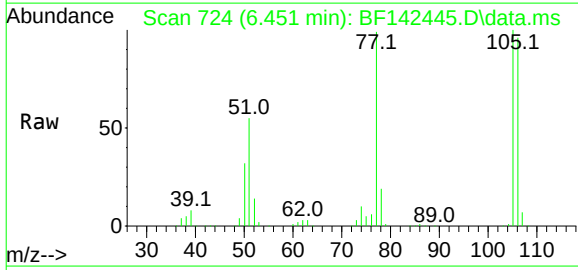
Tgt Ion: 128 Resp: 385040
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 46.8 29.2 69.2



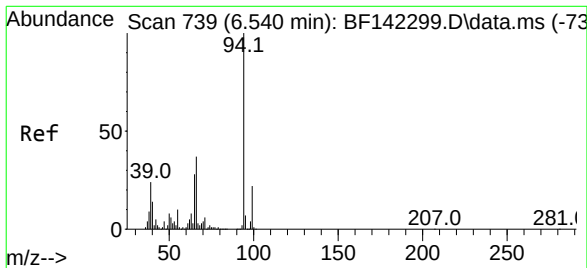
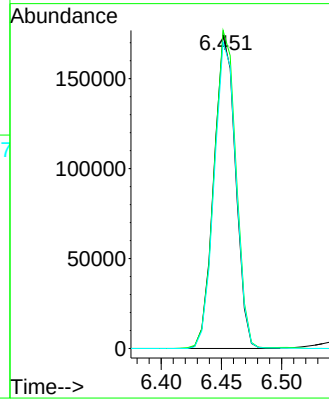
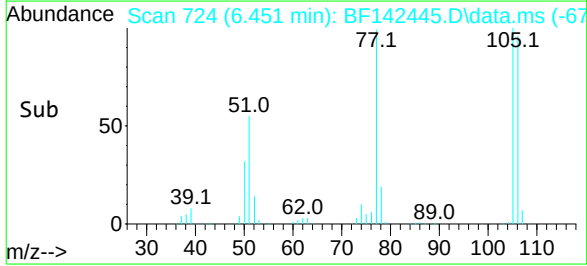


#9
Benzaldehyde
Concen: 36.579 ng
RT: 6.451 min Scan# 72
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

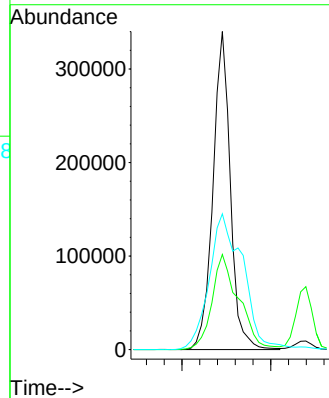
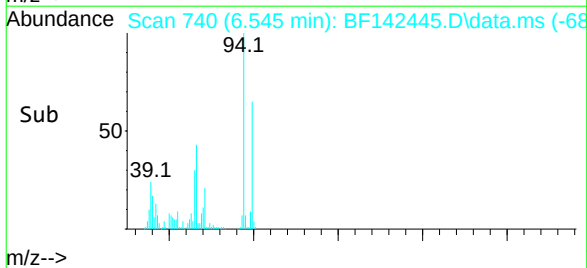
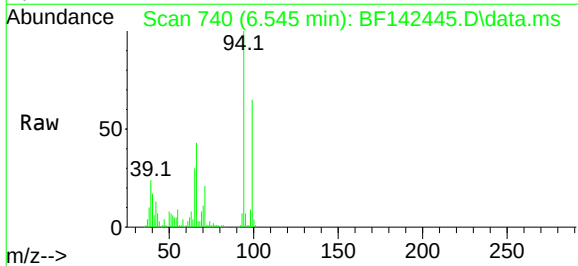


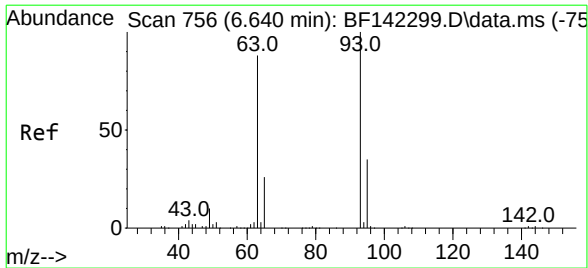
Tgt Ion: 77 Resp: 217910
Ion Ratio Lower Upper
77 100
105 101.4 82.0 122.0
106 97.7 77.2 117.2



#10
Phenol
Concen: 42.915 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 94 Resp: 463027
Ion Ratio Lower Upper
94 100
65 29.9 8.5 48.5
66 42.7 17.3 57.3

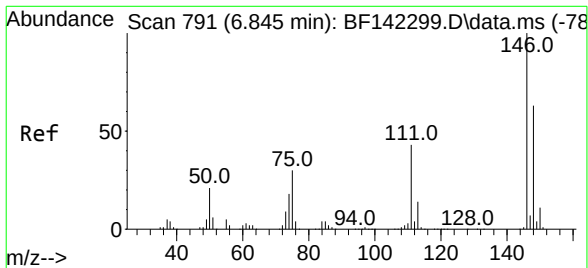
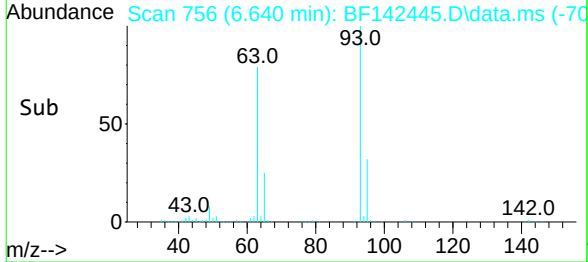
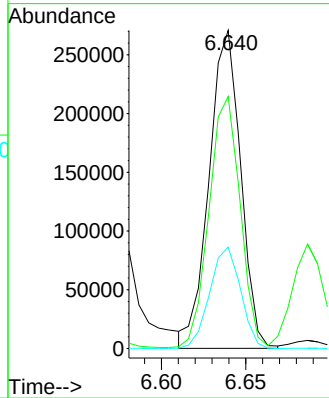
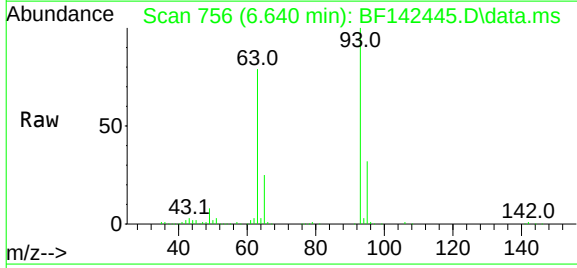




#11
bis(2-Chloroethyl)ether
Concen: 33.091 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

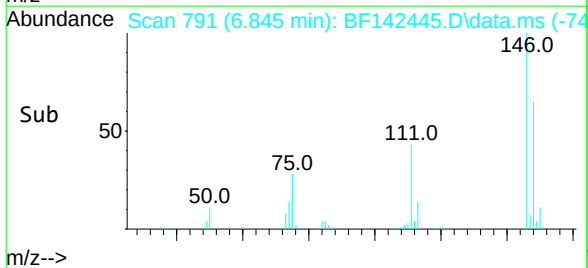
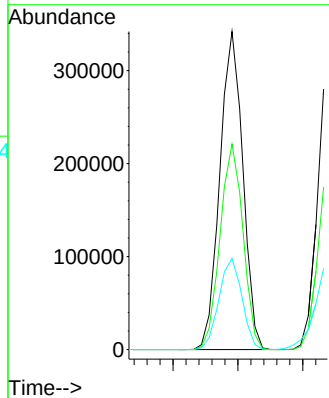
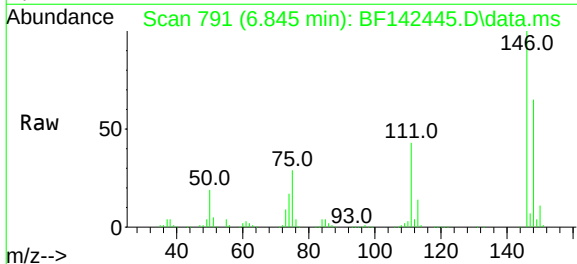
Instrument :
BNA_F
ClientSampleId :
PB167987BS

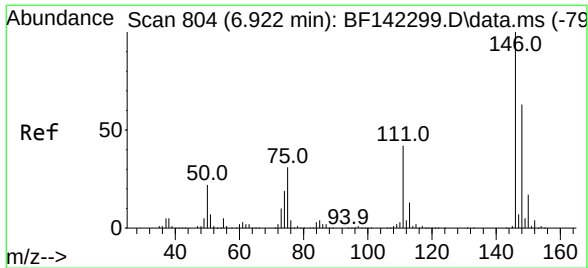
Tgt Ion: 93 Resp: 352078
Ion Ratio Lower Upper
93 100
63 79.2 58.4 98.4
95 31.8 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 41.609 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

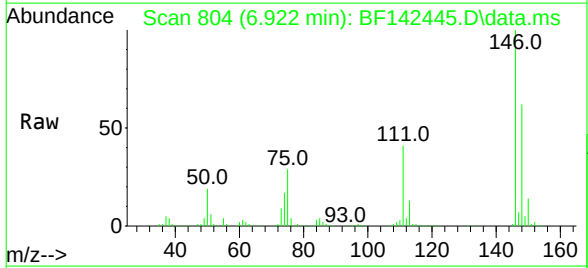
Tgt Ion: 146 Resp: 420974
Ion Ratio Lower Upper
146 100
148 64.6 50.6 76.0
75 28.7 24.2 36.4



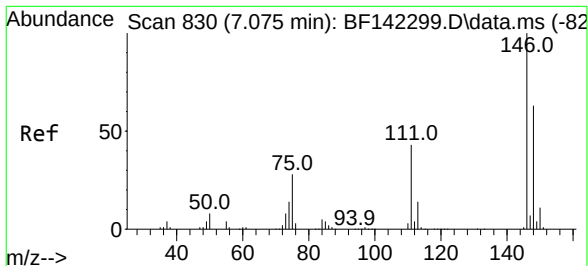
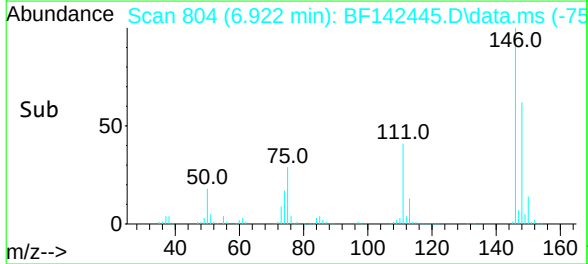
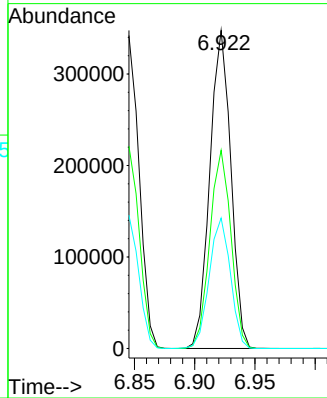


#13
1,4-Dichlorobenzene
Concen: 41.590 ng
RT: 6.922 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

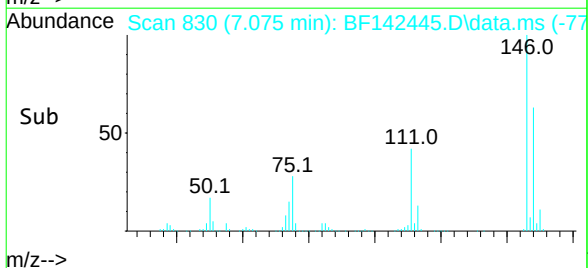
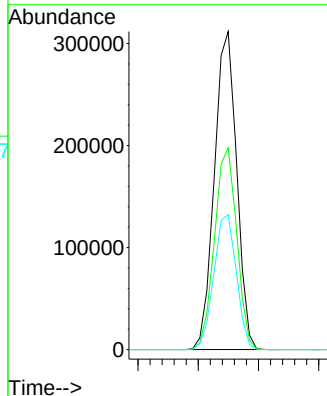
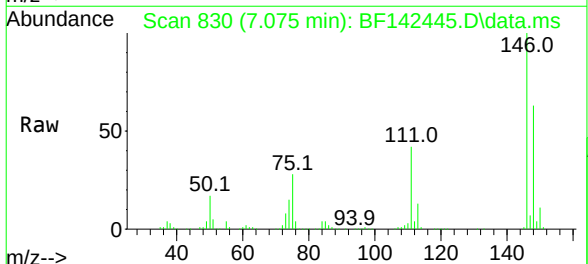


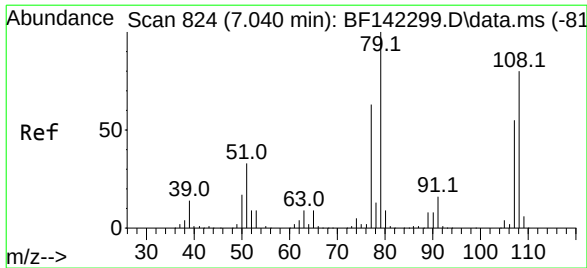
Tgt Ion:146 Resp: 422486
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
111 41.0 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 41.132 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

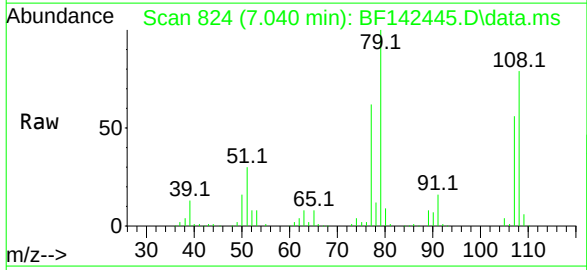
Tgt Ion:146 Resp: 401063
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
111 42.4 34.5 51.7



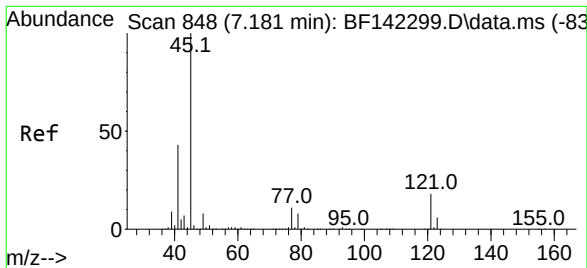
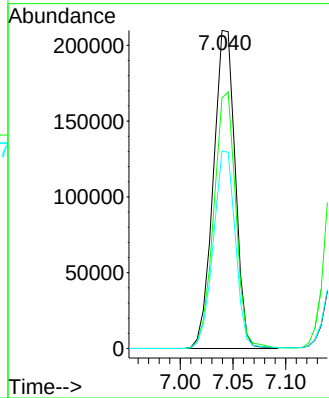
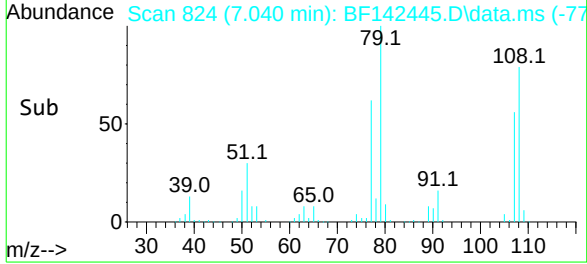


#15
Benzyl Alcohol
Concen: 45.987 ng
RT: 7.040 min Scan# 824
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

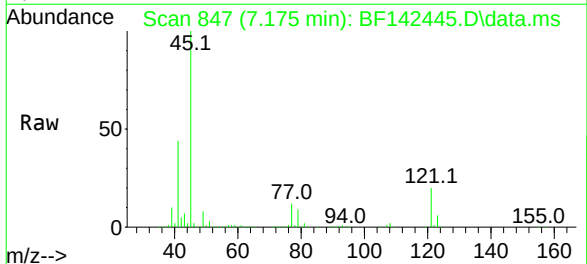
Instrument :
BNA_F
ClientSampleId :
PB167987BS



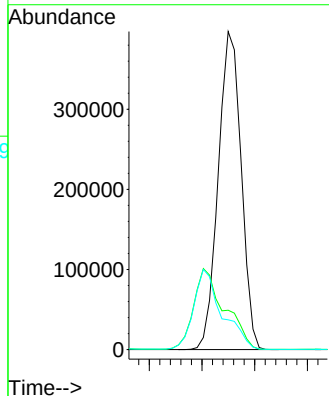
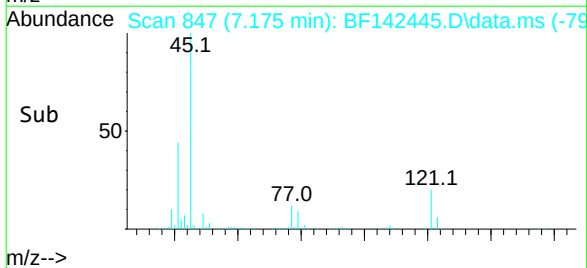
Tgt Ion: 79 Resp: 303095
Ion Ratio Lower Upper
79 100
108 78.8 63.9 95.9
77 62.0 50.7 76.1

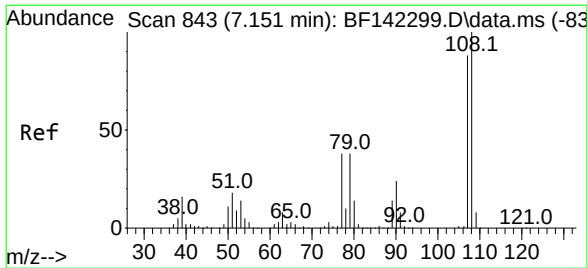


#16
2,2'-oxybis(1-chloropropane)
Concen: 37.743 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05



Tgt Ion: 45 Resp: 599692
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.2
79 9.4 0.0 28.5

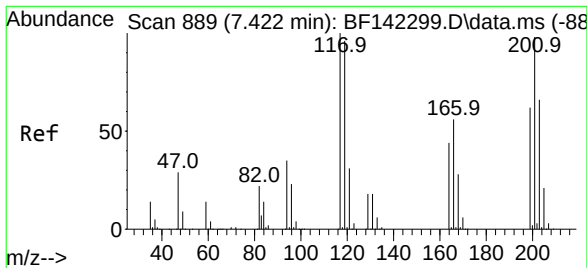
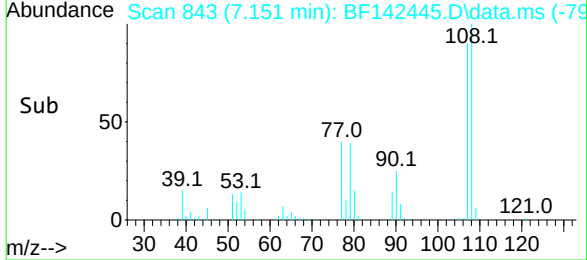
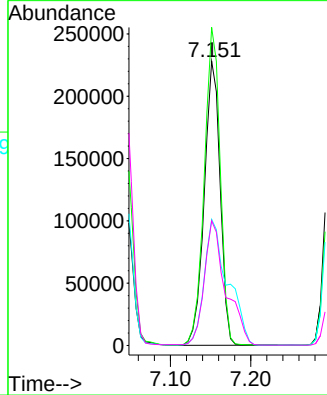
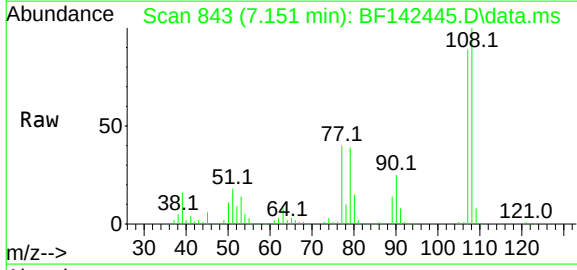




#17
2-Methylphenol
Concen: 43.809 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

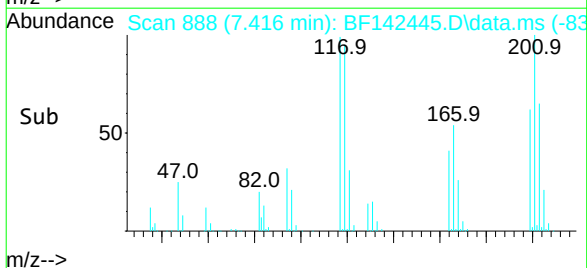
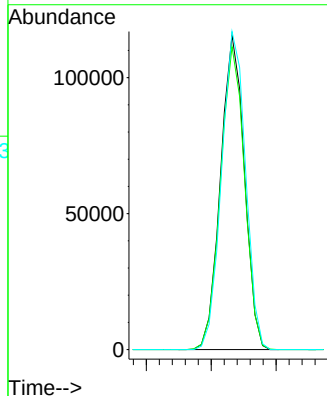
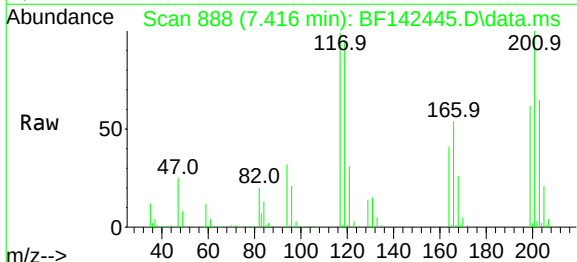
Instrument :
BNA_F
ClientSampleId :
PB167987BS

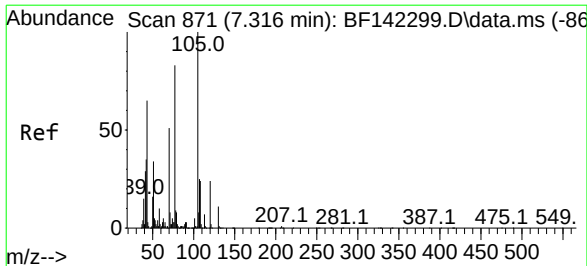
Tgt Ion:	107	Resp:	313661
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.1	136.7
77	44.3	34.7	52.1
79	43.9	34.5	51.7



#18
Hexachloroethane
Concen: 43.440 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:	117	Resp:	146824
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	101.2	78.0	117.0

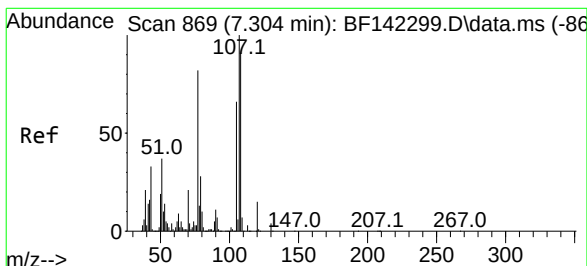
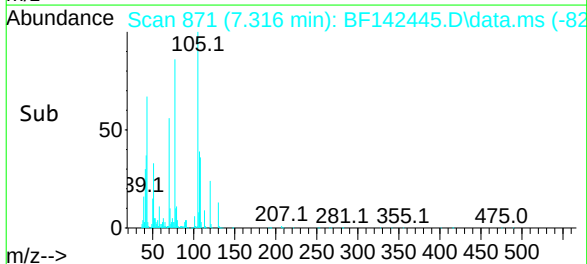
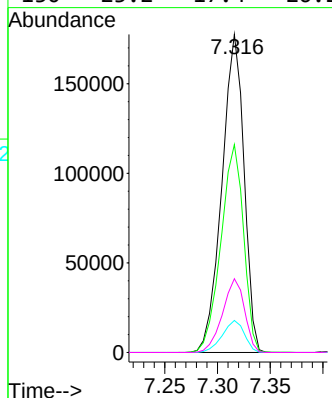
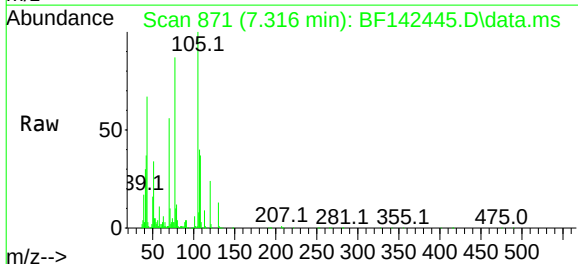




#19
n-Nitroso-di-n-propylamine
Concen: 41.178 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

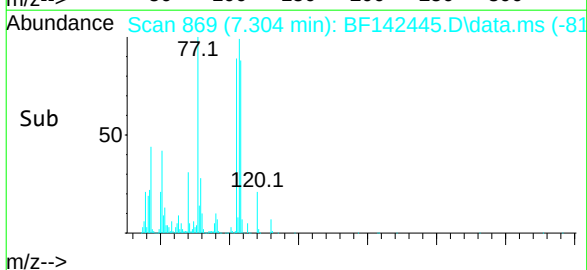
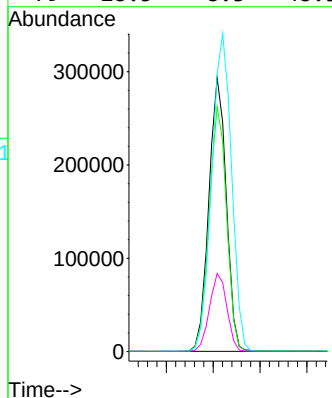
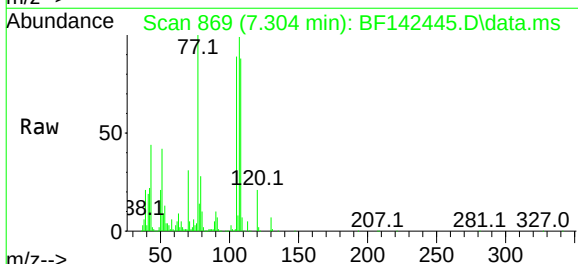
Instrument :
BNA_F
ClientSampleId :
PB167987BS

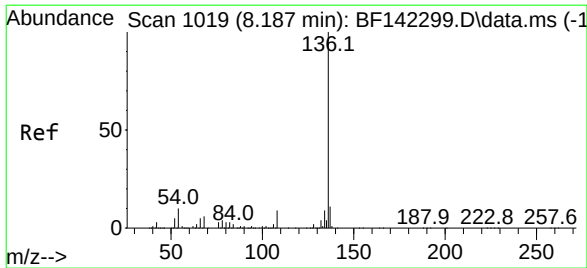
Tgt Ion:	70	Resp:	259259
Ion	Ratio	Lower	Upper
70	100		
42	65.4	54.8	82.2
101	10.1	7.7	11.5
130	23.2	17.4	26.2



#20
3+4-Methylphenols
Concen: 42.493 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:	107	Resp:	379699
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.5	111.5
77	101.3	61.6	101.6
79	28.5	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS

Tgt Ion:136 Resp: 537403

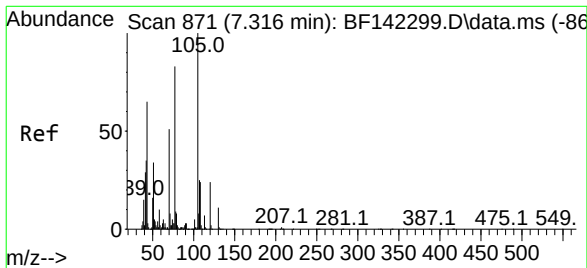
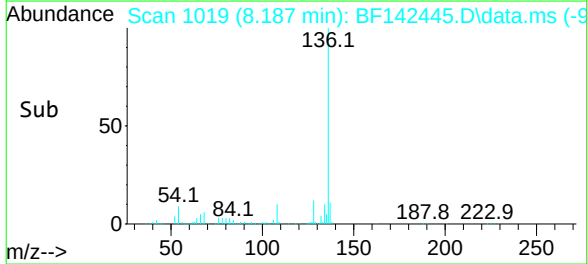
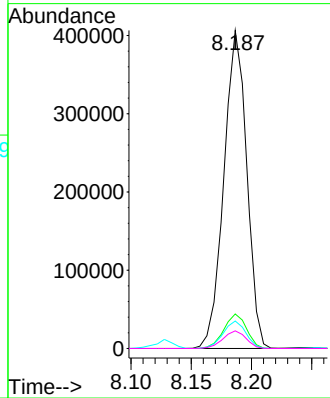
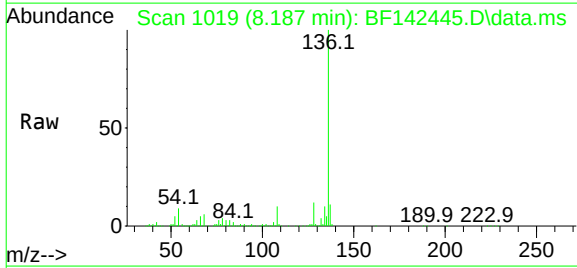
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.6 7.7 11.5

68 5.6 4.9 7.3



#22

Acetophenone

Concen: 42.380 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Tgt Ion:105 Resp: 506395

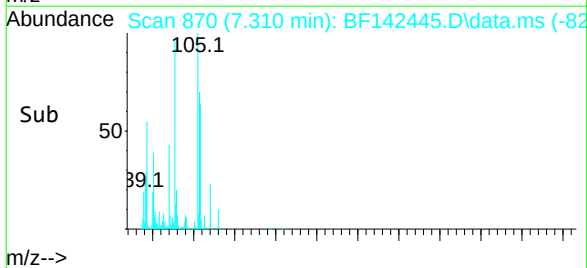
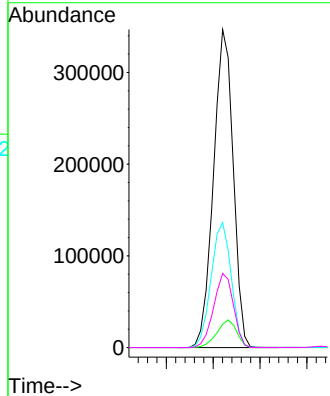
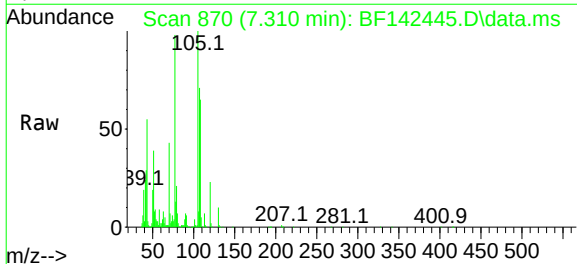
Ion Ratio Lower Upper

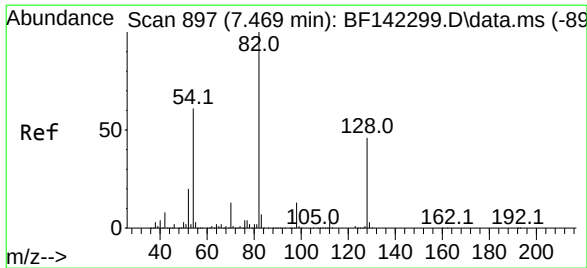
105 100

71 7.4 6.7 10.1

51 39.3 27.6 41.4

120 23.3 19.1 28.7

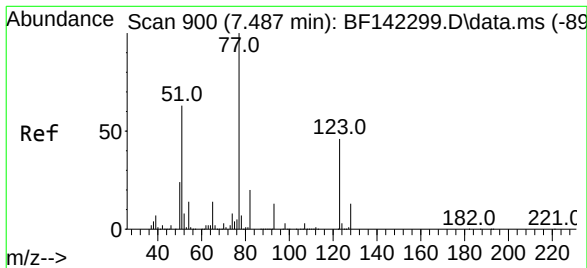
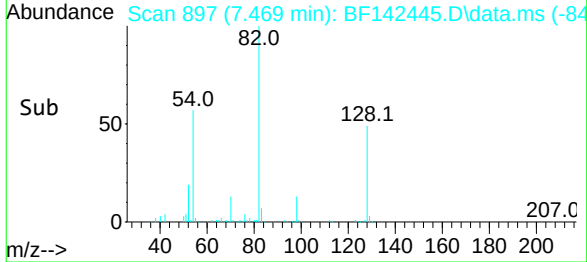
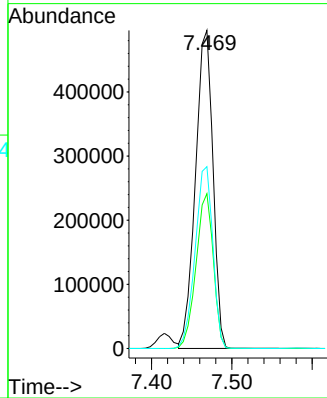
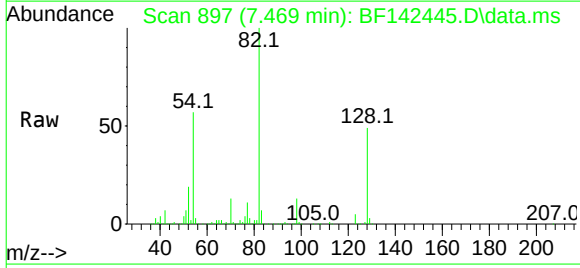




#23
 Nitrobenzene-d5
 Concen: 84.984 ng
 RT: 7.469 min Scan# 89
 Delta R.T. -0.000 min
 Lab File: BF142445.D
 Acq: 19 May 2025 12:05

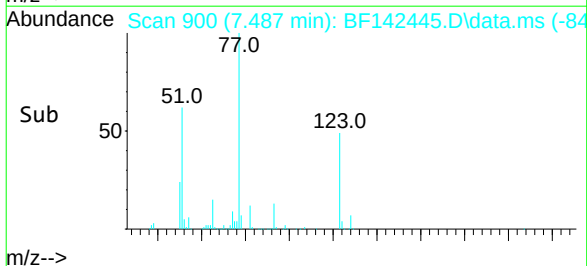
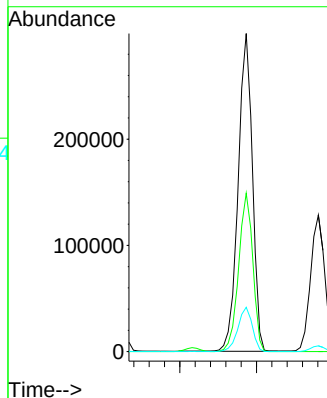
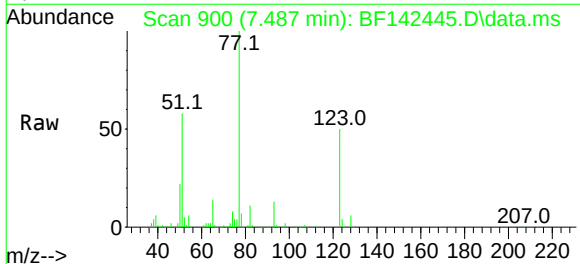
Instrument :
 BNA_F
 ClientSampleId :
 PB167987BS

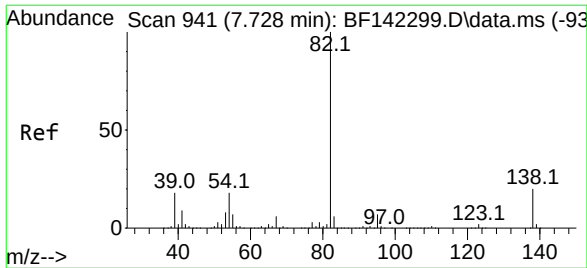
Tgt Ion: 82 Resp: 748856
 Ion Ratio Lower Upper
 82 100
 128 48.7 37.0 55.6
 54 57.2 48.6 73.0



#24
 Nitrobenzene
 Concen: 46.514 ng
 RT: 7.487 min Scan# 900
 Delta R.T. -0.000 min
 Lab File: BF142445.D
 Acq: 19 May 2025 12:05

Tgt Ion: 77 Resp: 386358
 Ion Ratio Lower Upper
 77 100
 123 49.8 37.8 56.8
 65 13.9 11.4 17.0

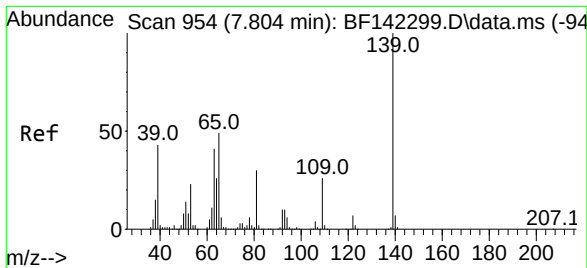
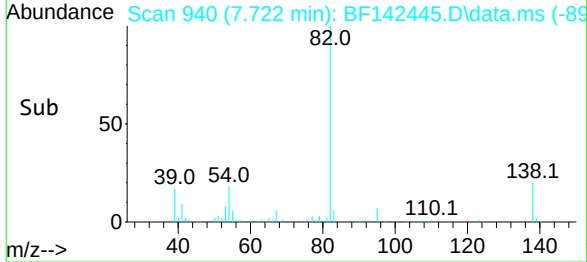
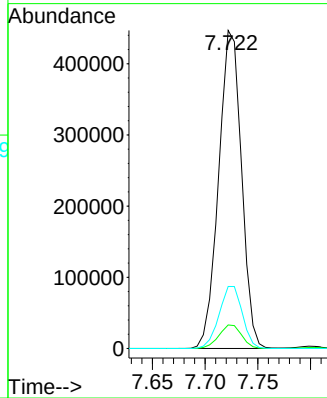
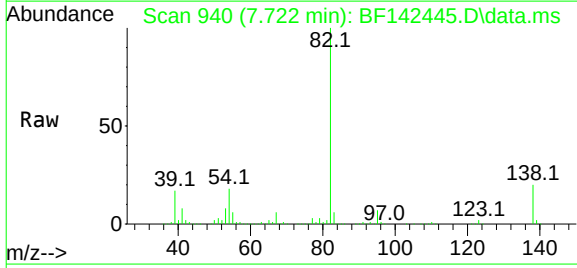




#25
Isophorone
Concen: 40.418 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

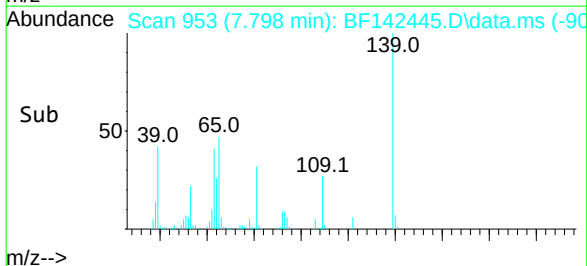
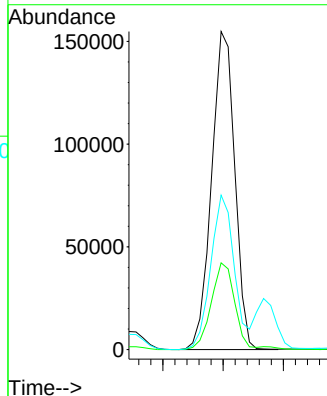
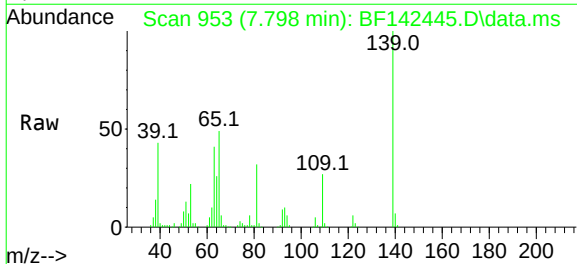
Instrument :
BNA_F
ClientSampleId :
PB167987BS

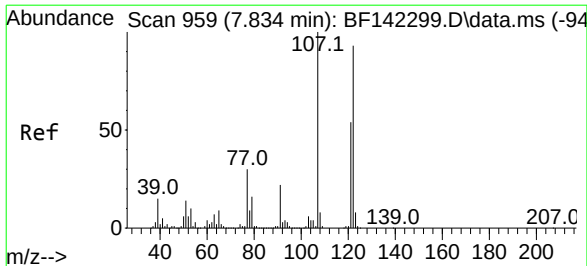
Tgt Ion: 82 Resp: 674425
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 19.5 16.1 24.1



#26
2-Nitrophenol
Concen: 51.465 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 139 Resp: 207337
Ion Ratio Lower Upper
139 100
109 27.3 20.8 31.2
65 48.6 38.9 58.3

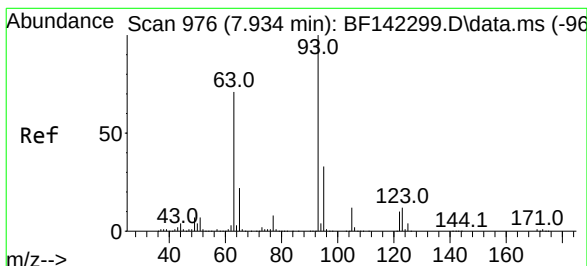
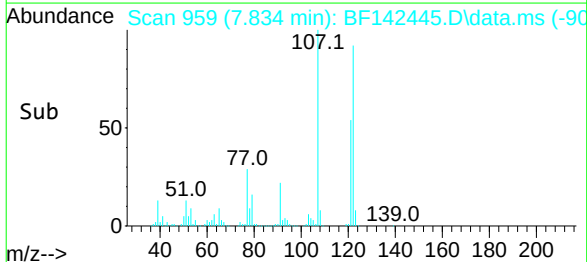
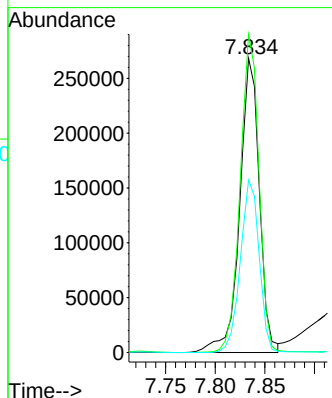
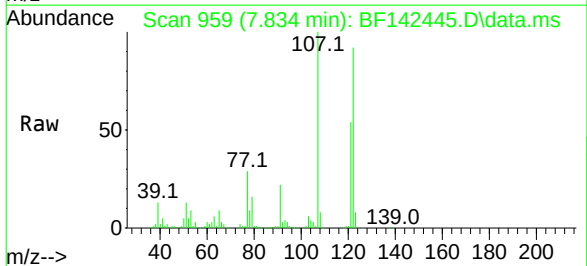




#27
2,4-Dimethylphenol
Concen: 44.070 ng
RT: 7.834 min Scan# 959
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

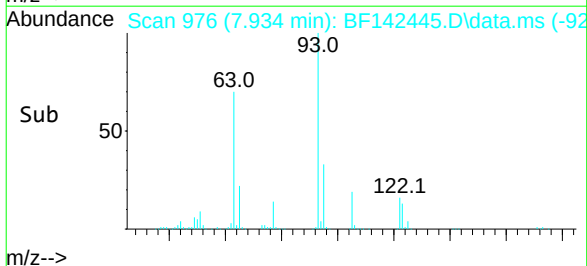
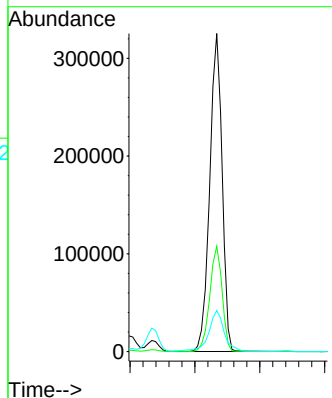
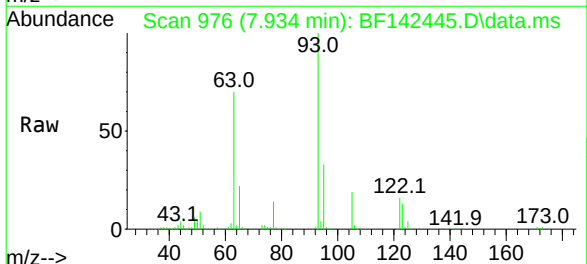
Instrument :
BNA_F
ClientSampleId :
PB167987BS

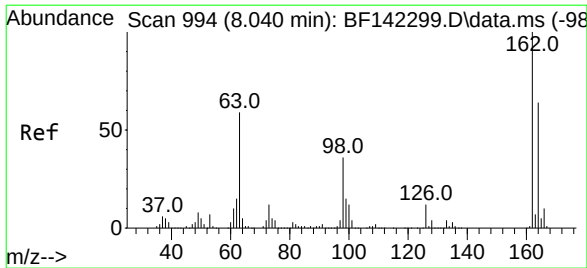
Tgt Ion:122 Resp: 369725
Ion Ratio Lower Upper
122 100
107 108.1 86.0 129.0
121 58.6 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 40.150 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

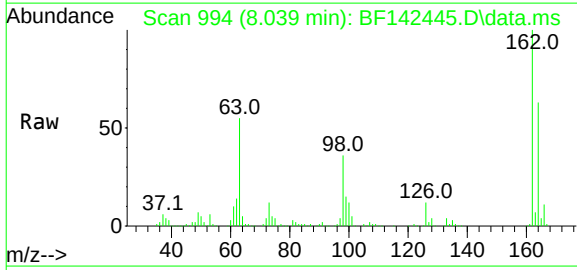
Tgt Ion: 93 Resp: 430796
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 12.9 10.2 15.4



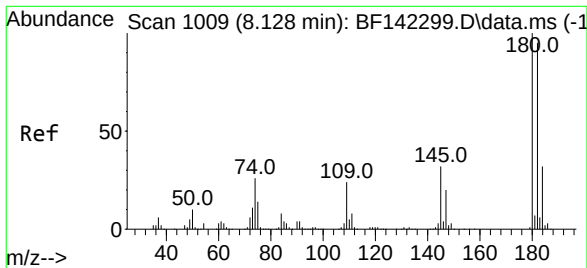
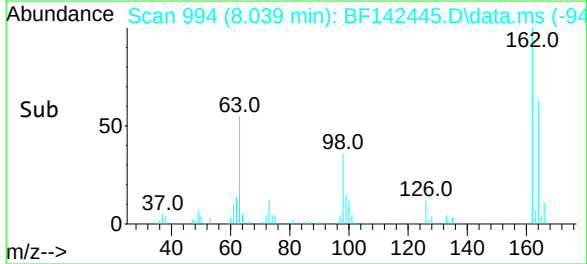
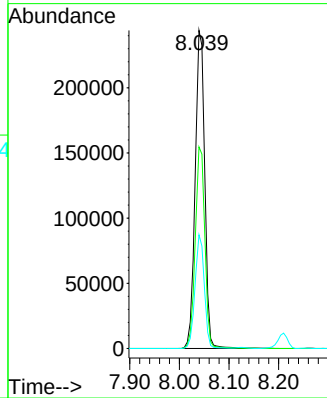


#29
2,4-Dichlorophenol
Concen: 45.812 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

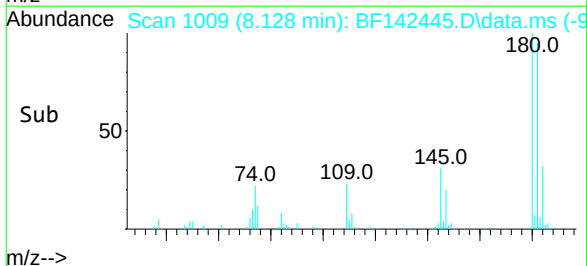
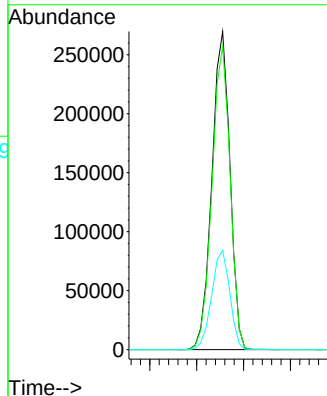
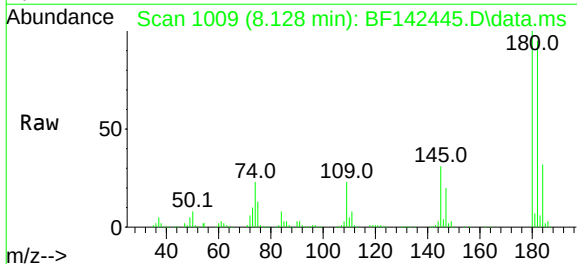


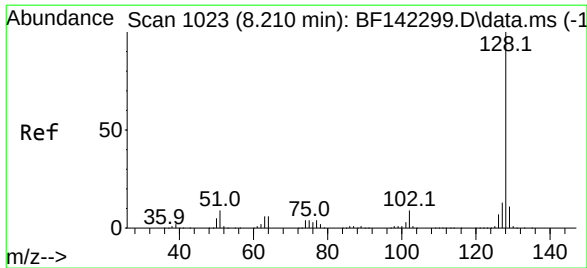
Tgt Ion:162 Resp: 326752
Ion Ratio Lower Upper
162 100
164 63.4 43.6 83.6
98 35.7 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 44.959 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:180 Resp: 360887
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.4
145 31.2 25.8 38.6

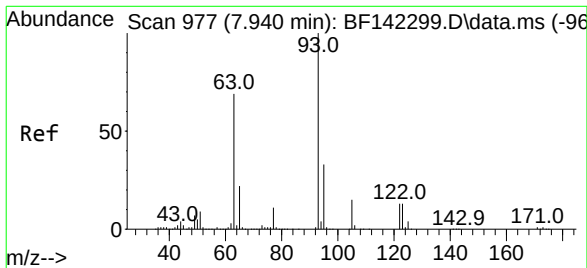
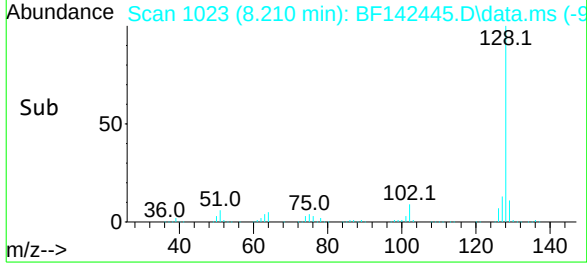
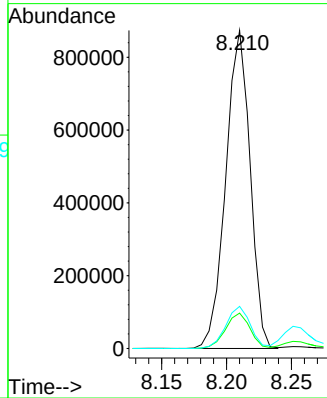
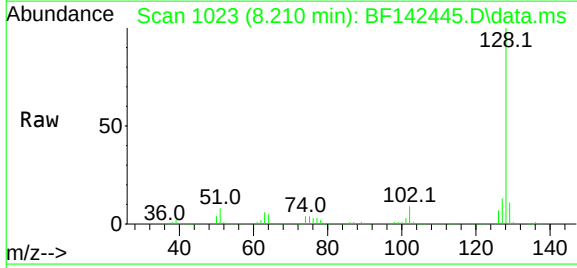




#31
Naphthalene
Concen: 43.808 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

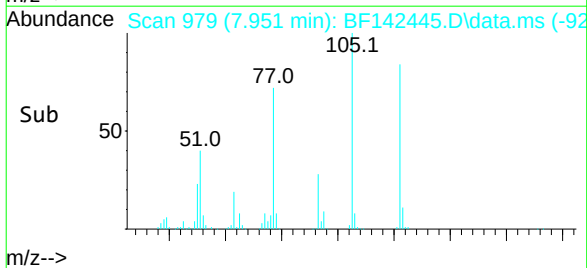
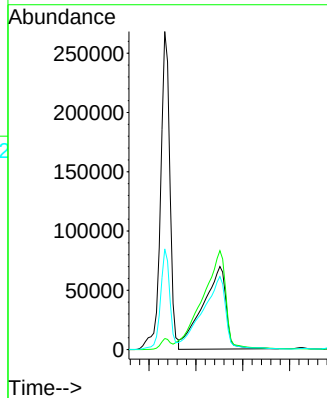
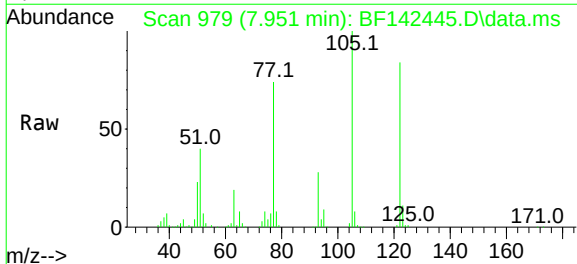
Instrument :
BNA_F
ClientSampleId :
PB167987BS

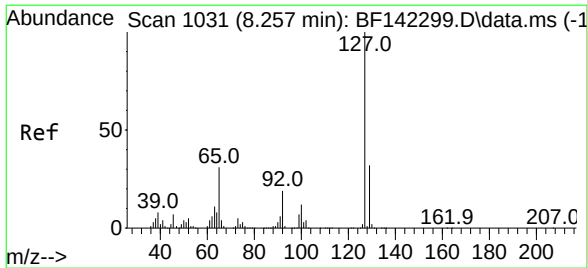
Tgt Ion:128 Resp: 1141003
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 52.371 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.011 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:122 Resp: 242101
Ion Ratio Lower Upper
122 100
105 119.1 97.9 137.9
77 88.0 67.7 107.7





#33

4-Chloroaniline

Concen: 10.962 ng m

RT: 8.251 min Scan# 10

Delta R.T. -0.016 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS

Tgt Ion:127 Resp: 116508

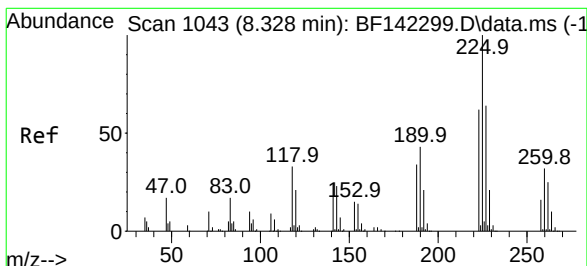
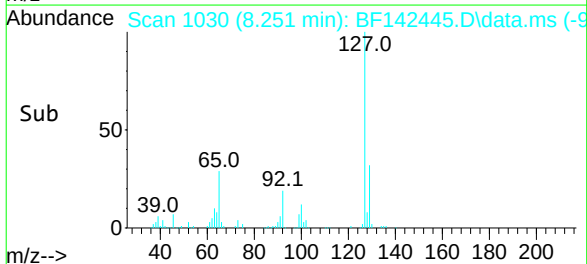
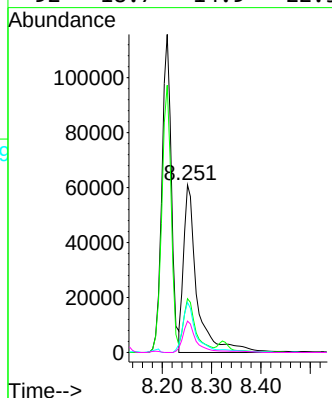
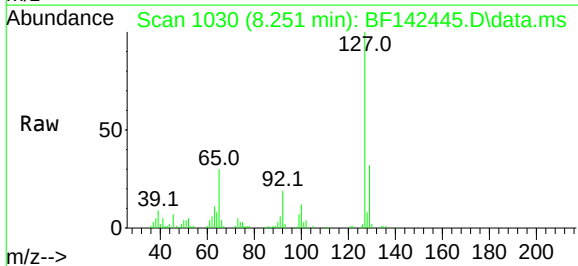
Ion Ratio Lower Upper

127 100

129 32.1 25.7 38.5

65 29.8 24.9 37.3

92 18.7 14.9 22.3



#34

Hexachlorobutadiene

Concen: 47.287 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

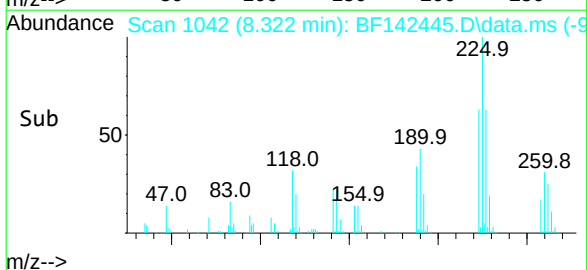
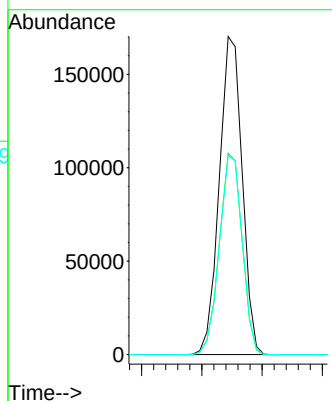
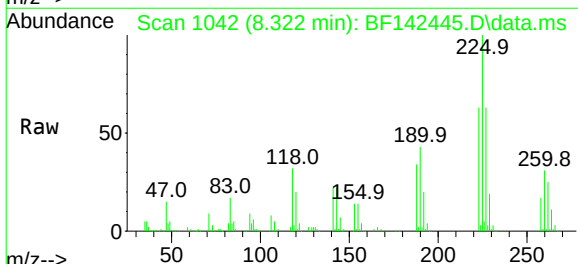
Tgt Ion:225 Resp: 224762

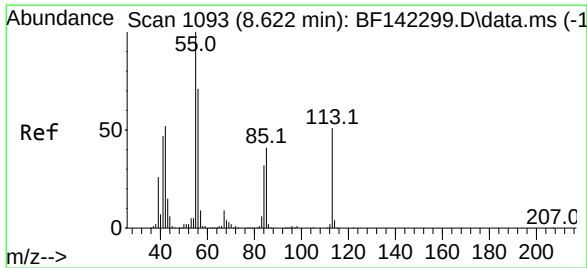
Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.6

227 62.6 50.9 76.3





#35

Caprolactam

Concen: 49.705 ng m

RT: 8.622 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS

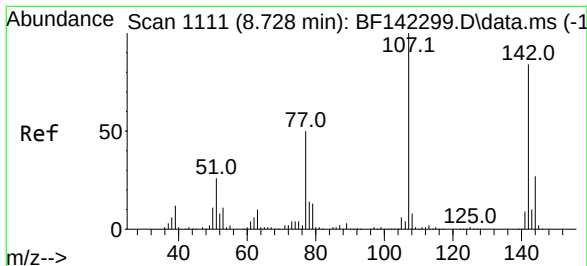
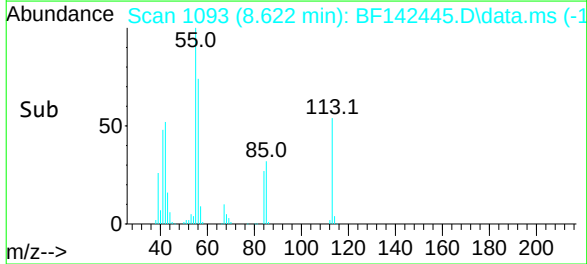
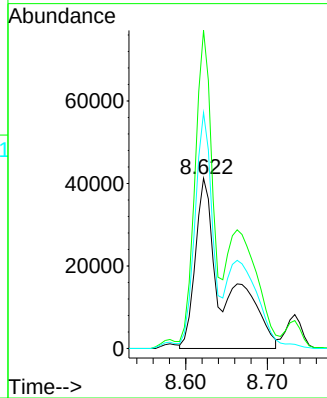
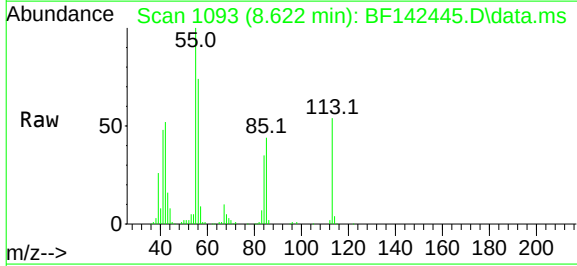
Tgt Ion:113 Resp: 103323

Ion Ratio Lower Upper

113 100

55 186.9 176.4 216.4

56 138.5 120.3 160.3



#36

4-Chloro-3-methylphenol

Concen: 45.935 ng

RT: 8.734 min Scan# 1112

Delta R.T. 0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

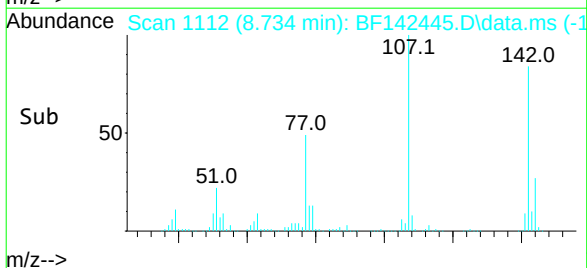
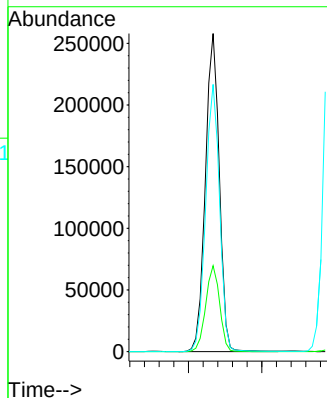
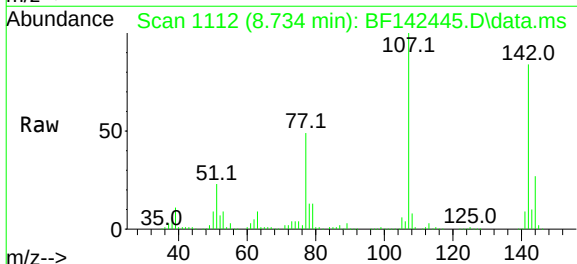
Tgt Ion:107 Resp: 340576

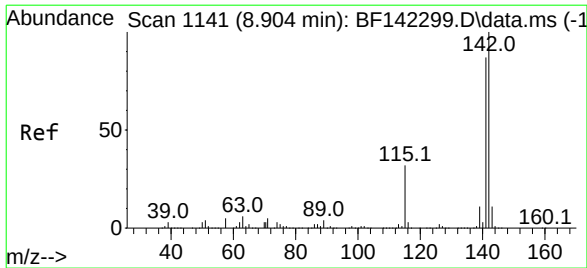
Ion Ratio Lower Upper

107 100

144 27.0 21.3 31.9

142 84.0 66.9 100.3

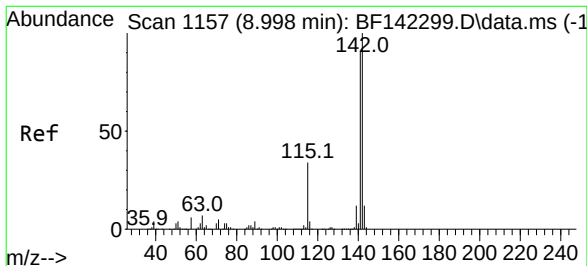
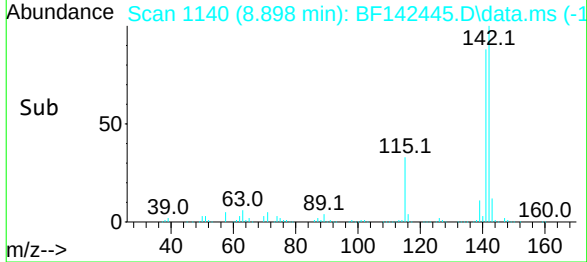
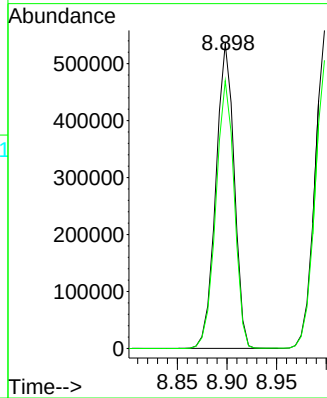
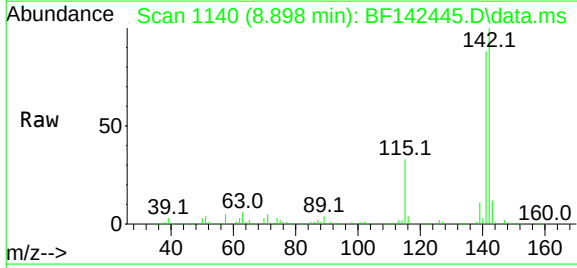




#37
2-Methylnaphthalene
Concen: 42.573 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

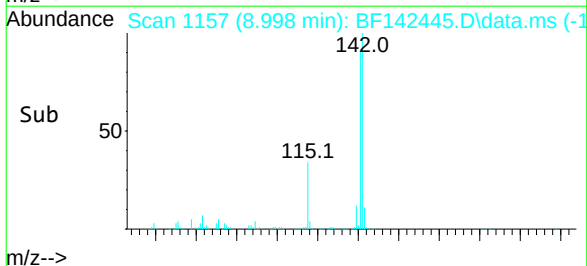
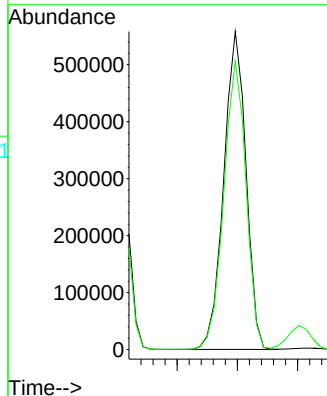
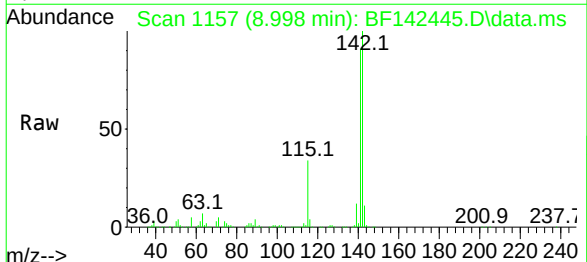
Instrument :
BNA_F
ClientSampleId :
PB167987BS

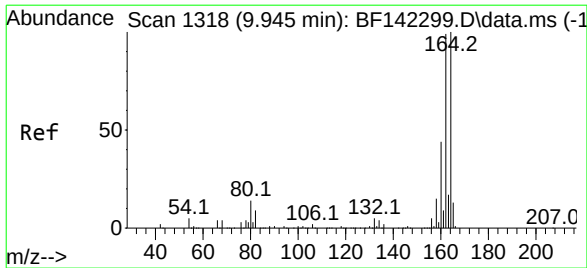
Tgt Ion:142 Resp: 689011
Ion Ratio Lower Upper
142 100
141 87.8 69.4 104.2



#38
1-Methylnaphthalene
Concen: 42.331 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:142 Resp: 714047
Ion Ratio Lower Upper
142 100
141 90.6 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS

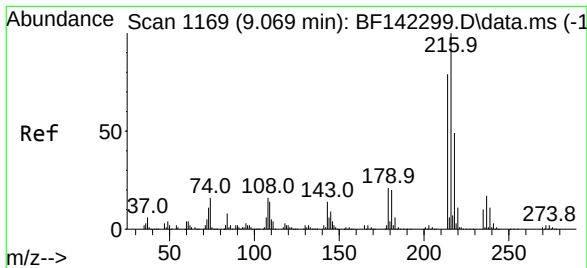
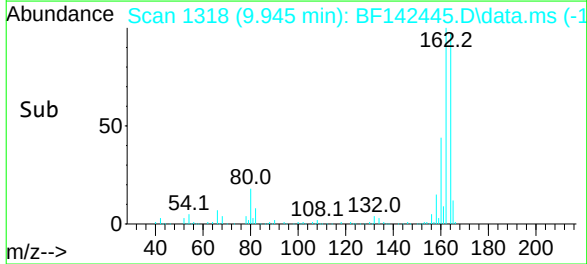
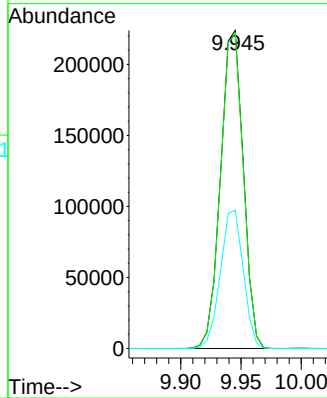
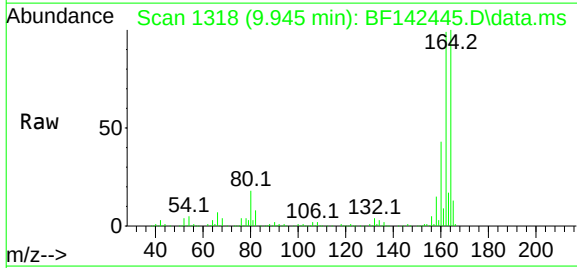
Tgt Ion:164 Resp: 293927

Ion Ratio Lower Upper

164 100

162 99.1 79.2 118.8

160 43.5 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.032 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Tgt Ion:216 Resp: 345048

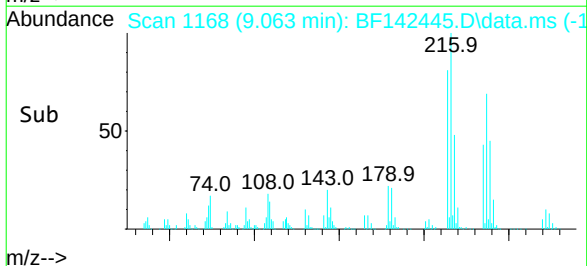
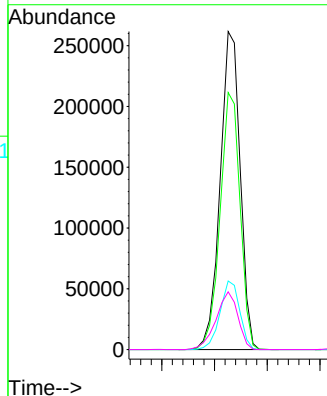
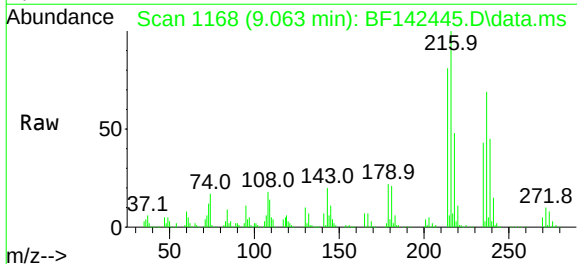
Ion Ratio Lower Upper

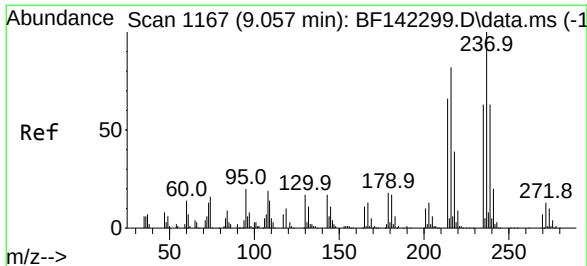
216 100

214 80.5 63.8 95.6

179 21.3 17.0 25.6

108 19.9 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 93.450 ng

RT: 9.051 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF142445.D

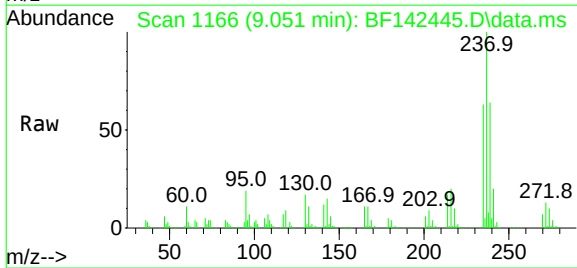
Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS



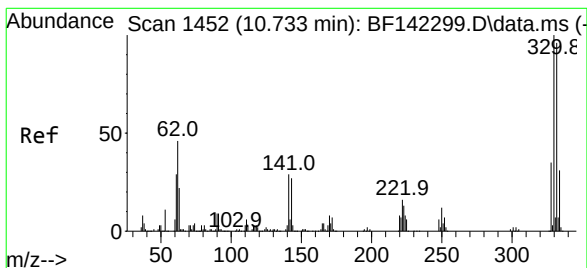
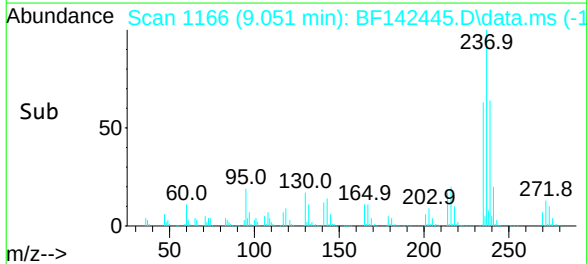
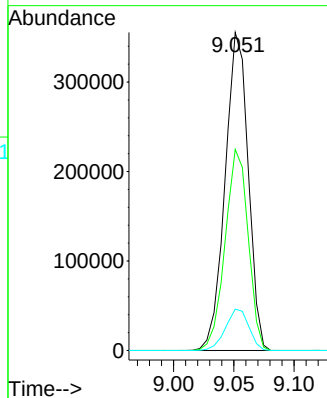
Tgt Ion:237 Resp: 474110

Ion Ratio Lower Upper

237 100

235 63.2 42.8 82.8

272 13.0 0.0 33.0



#42

2,4,6-Tribromophenol

Concen: 141.396 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

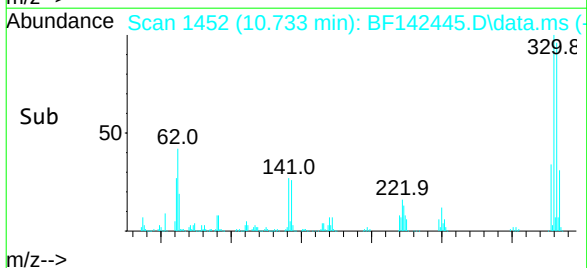
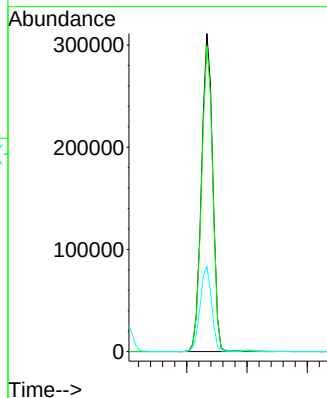
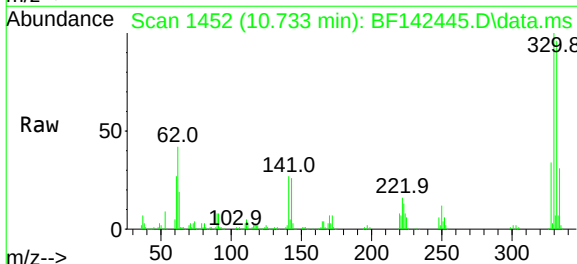
Tgt Ion:330 Resp: 401256

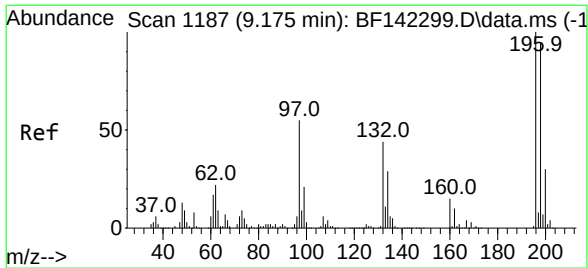
Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 27.4 24.9 37.3

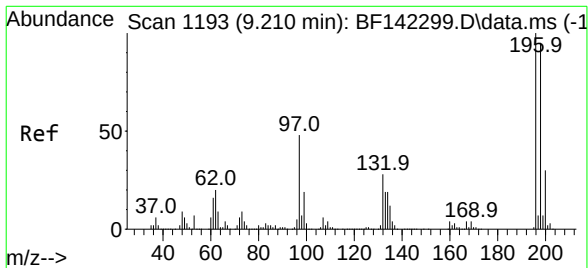
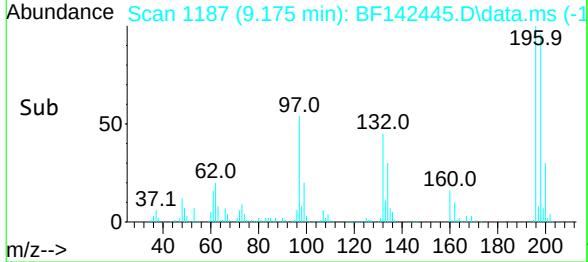
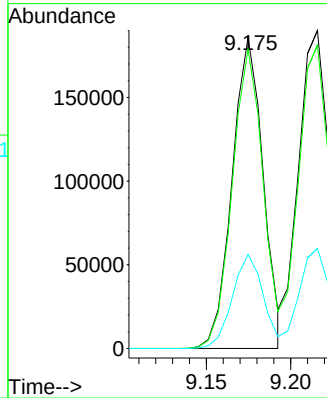
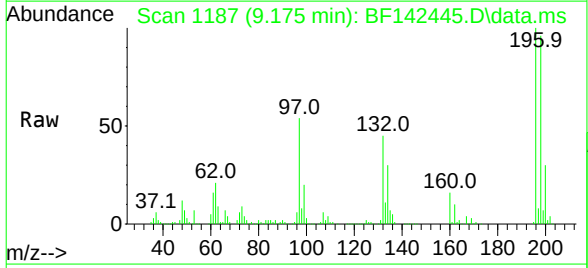




#43
2,4,6-Trichlorophenol
Concen: 45.785 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

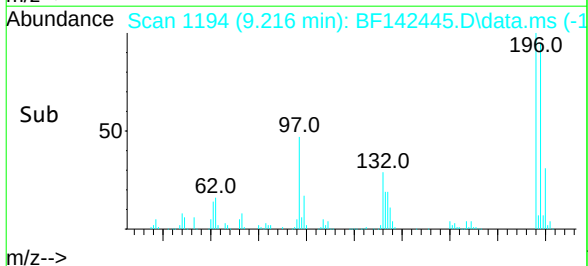
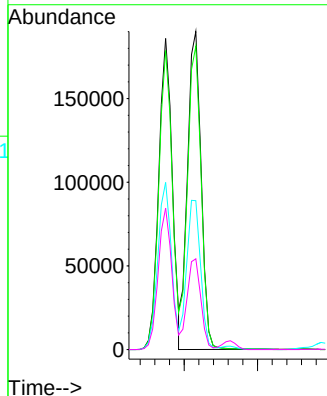
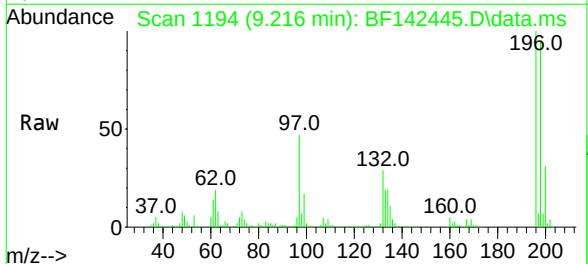
Instrument :
BNA_F
ClientSampleId :
PB167987BS

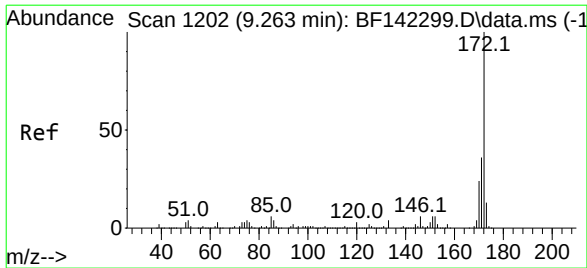
Tgt Ion:196 Resp: 237077
Ion Ratio Lower Upper
196 100
198 96.1 75.4 113.0
200 30.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 44.525 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:196 Resp: 245310
Ion Ratio Lower Upper
196 100
198 95.4 76.1 114.1
97 46.8 39.0 58.4
132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 74.217 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142445.D

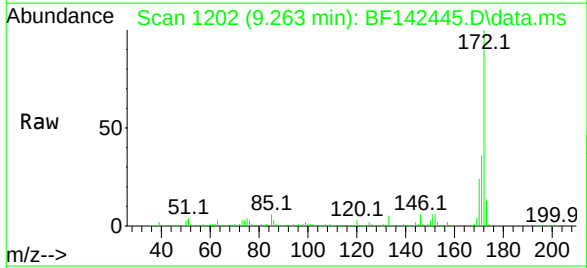
Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS



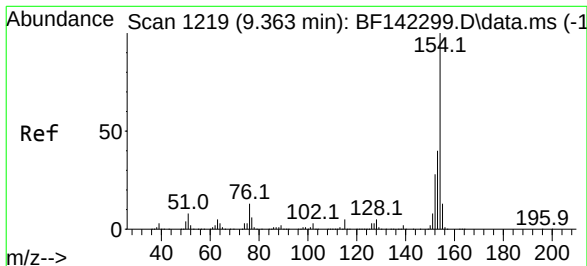
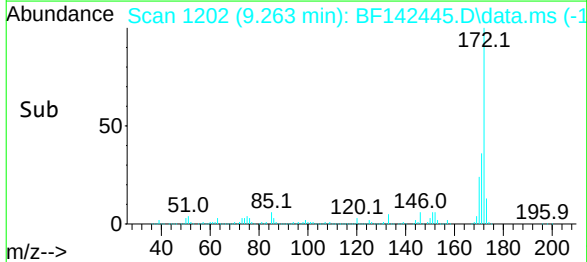
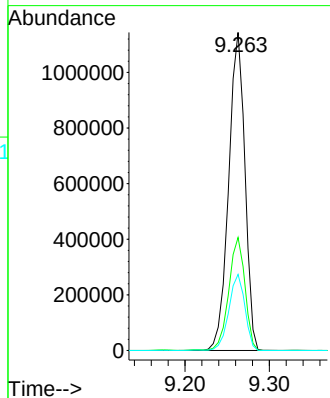
Tgt Ion:172 Resp: 1529900

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.372 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

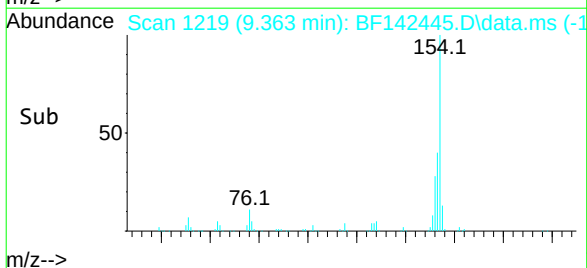
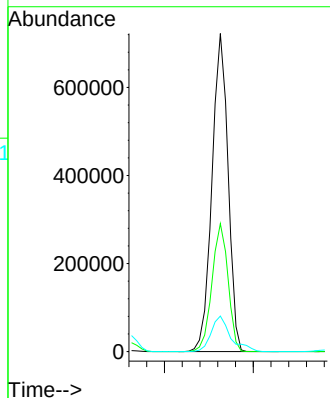
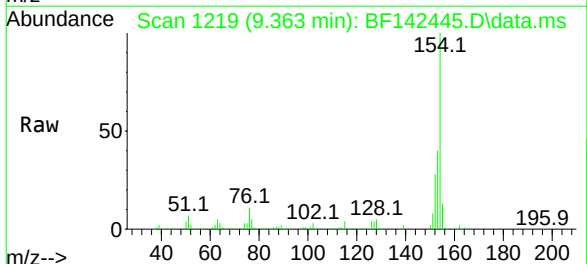
Tgt Ion:154 Resp: 909839

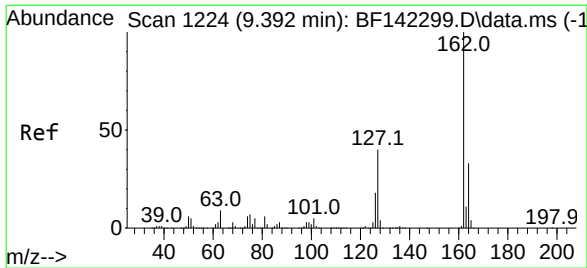
Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

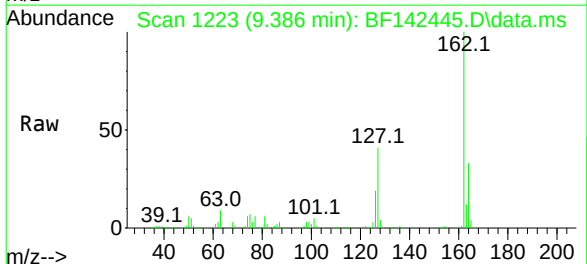
76 11.2 0.0 32.8





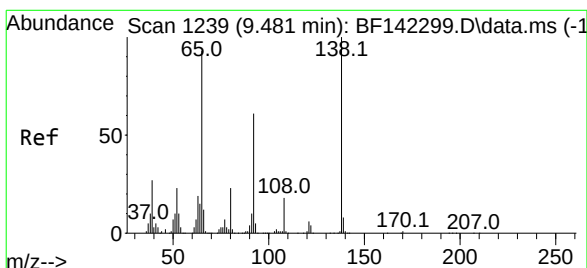
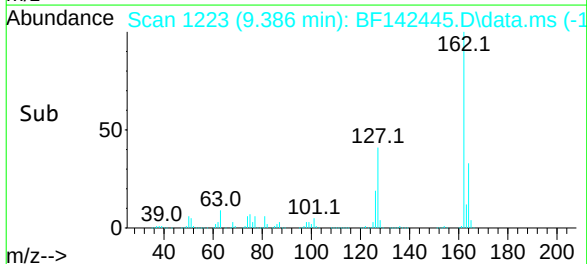
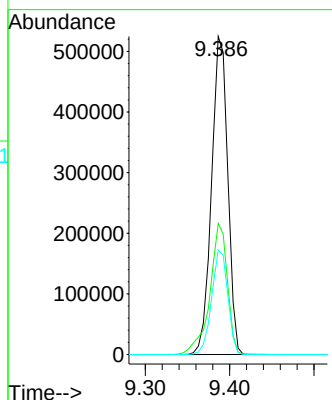
#47
2-Chloronaphthalene
Concen: 41.796 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS



Tgt Ion: 162 Resp: 700494

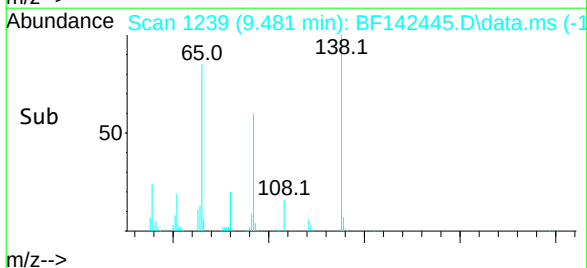
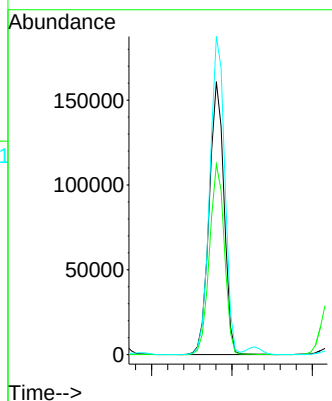
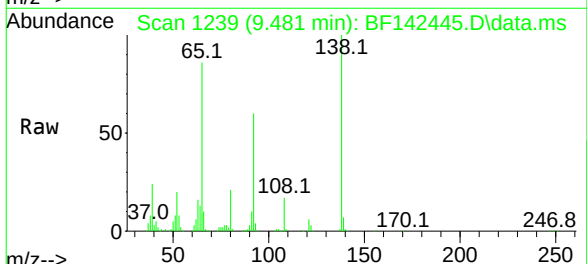
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.3	48.5
164	32.9	26.6	40.0

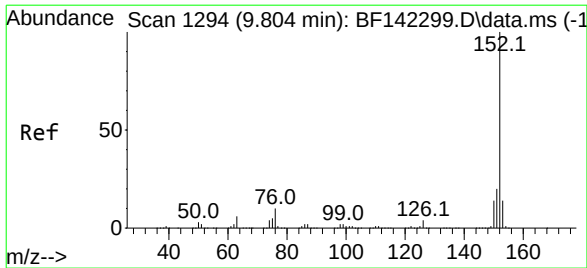


#48
2-Nitroaniline
Concen: 47.943 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion: 65 Resp: 205959

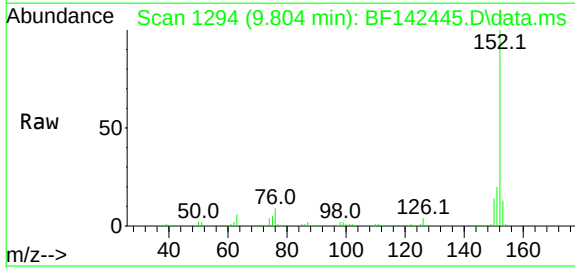
Ion	Ratio	Lower	Upper
65	100		
92	69.7	52.3	78.5
138	116.5	85.6	128.4



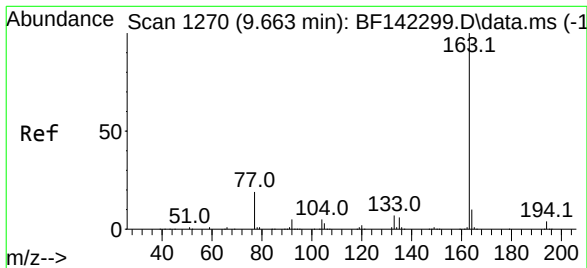
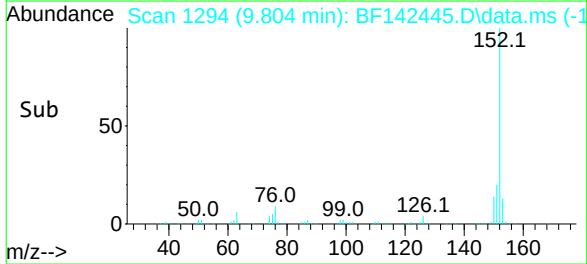
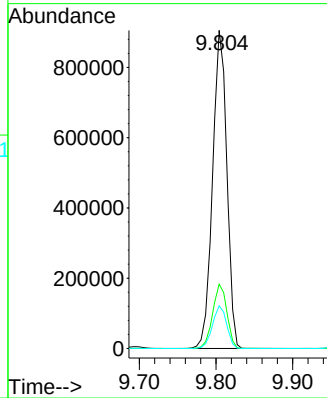


#49
Acenaphthylene
Concen: 41.664 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

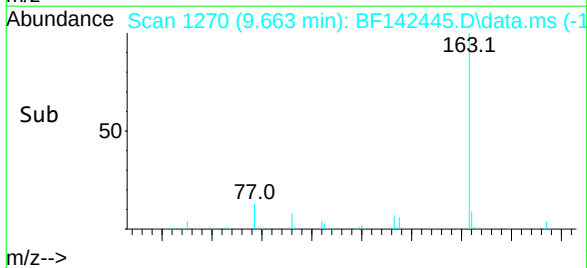
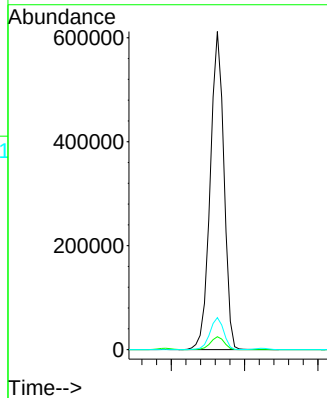
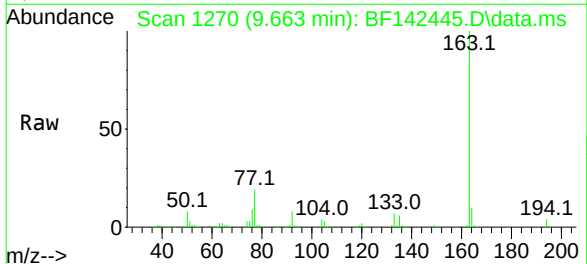


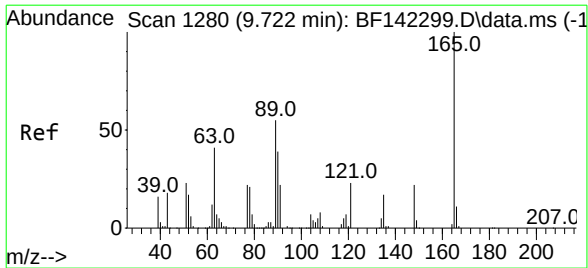
Tgt Ion:152 Resp: 1168126
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 42.143 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

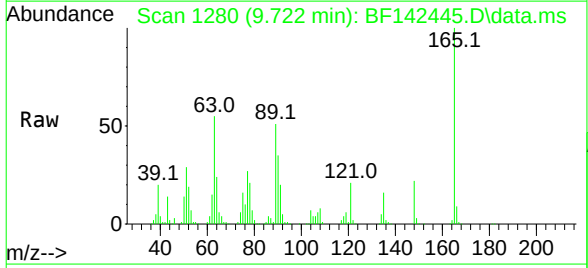
Tgt Ion:163 Resp: 795395
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.3 12.5



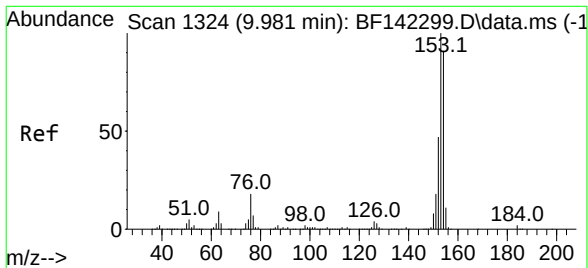
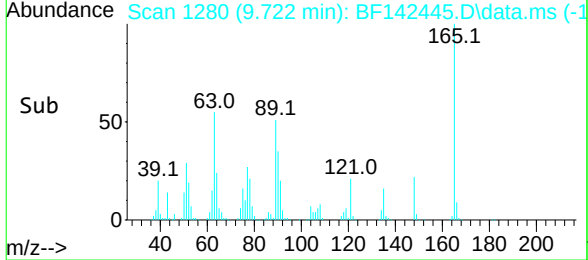
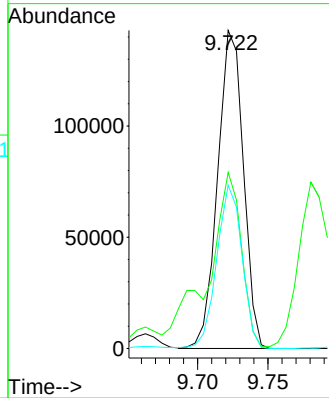


#51
2,6-Dinitrotoluene
Concen: 51.516 ng
RT: 9.722 min Scan# 12
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Instrument :
BNA_F
ClientSampleId :
PB167987BS

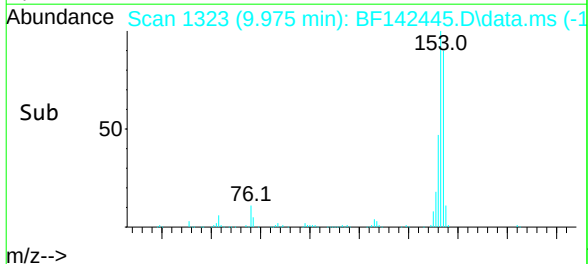
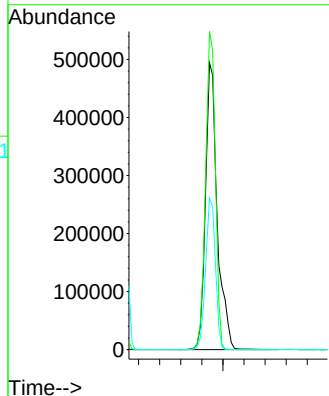
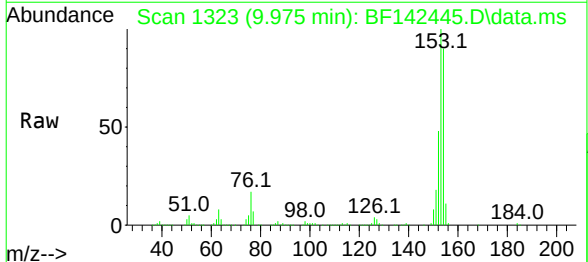


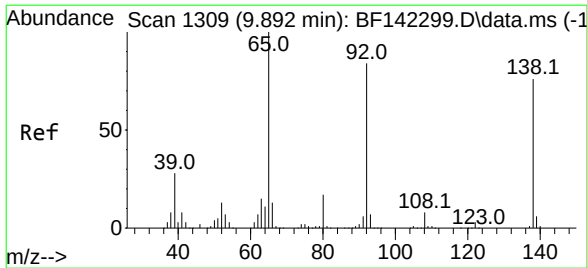
Tgt Ion:	165	Resp:	181999
Ion	Ratio	Lower	Upper
165	100		
63	55.4	49.5	74.3
89	51.3	44.6	66.8



#52
Acenaphthene
Concen: 45.568 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:	154	Resp:	768200
Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.0	132.0
152	52.9	41.6	62.4

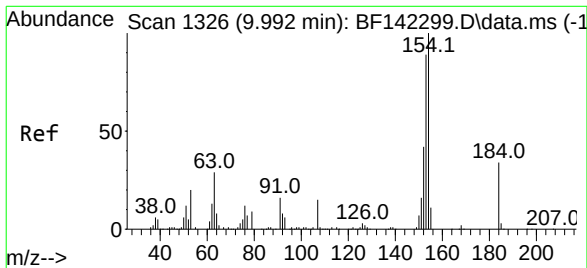
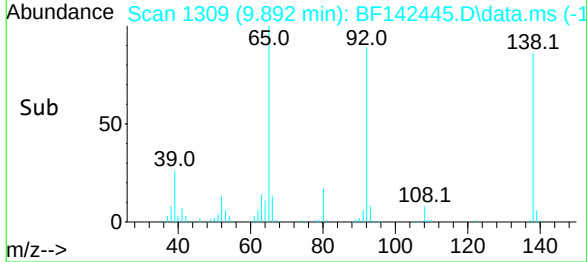
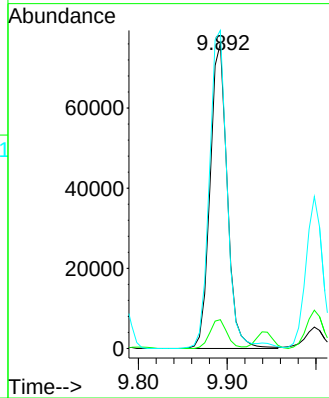
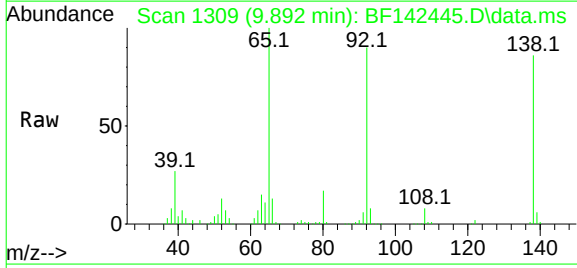




#53
3-Nitroaniline
Concen: 24.713 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

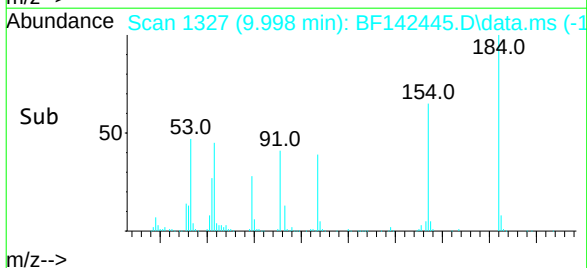
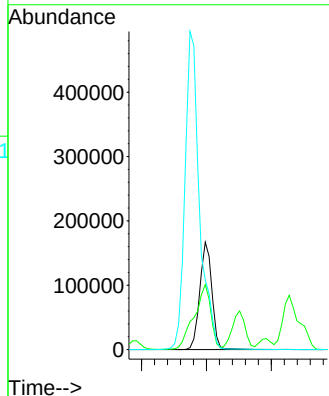
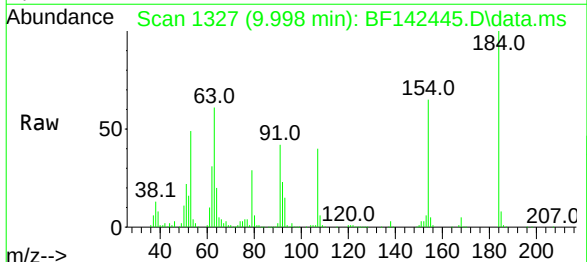
Instrument :
BNA_F
ClientSampleId :
PB167987BS

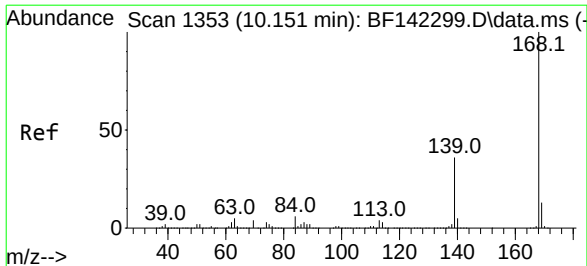
Tgt Ion:138 Resp: 102396
Ion Ratio Lower Upper
138 100
108 9.5 8.7 13.1
92 104.3 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 113.861 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:184 Resp: 217075
Ion Ratio Lower Upper
184 100
63 60.5 70.6 105.8#
154 64.9 257.2 385.8#





#55

Dibenzenofuran

Concen: 41.216 ng

RT: 10.151 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BF142445.D

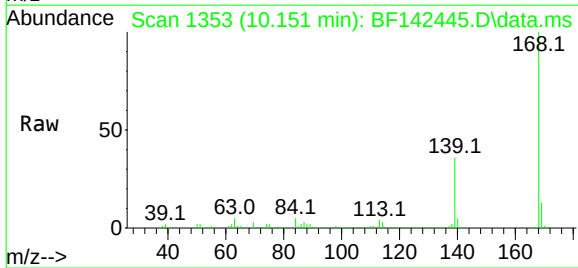
Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS



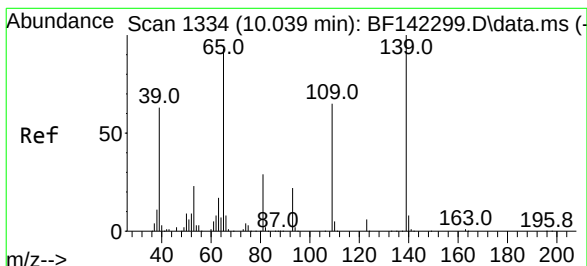
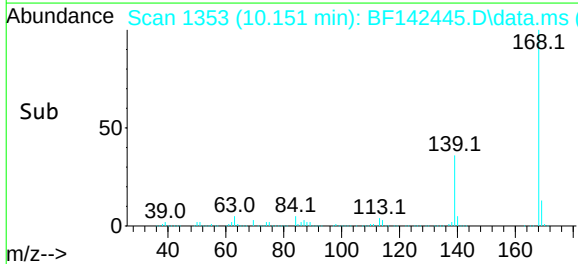
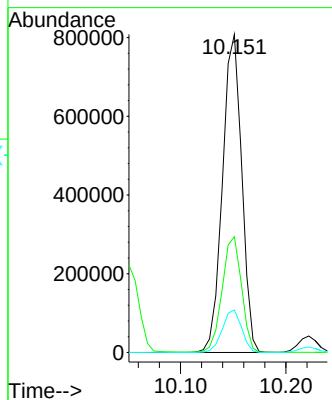
Tgt Ion:168 Resp: 1025435

Ion Ratio Lower Upper

168 100

139 36.4 29.0 43.4

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 100.218 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.012 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

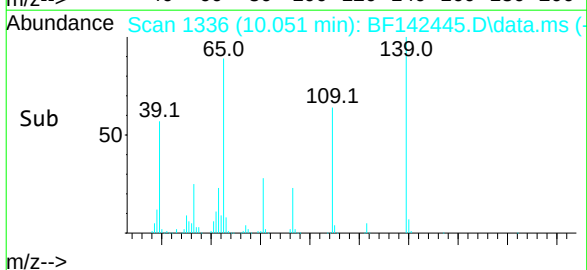
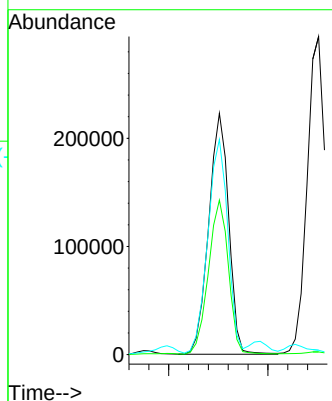
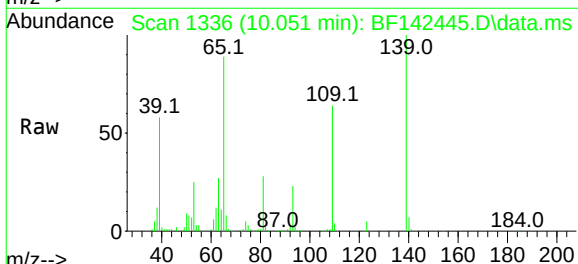
Tgt Ion:139 Resp: 312516

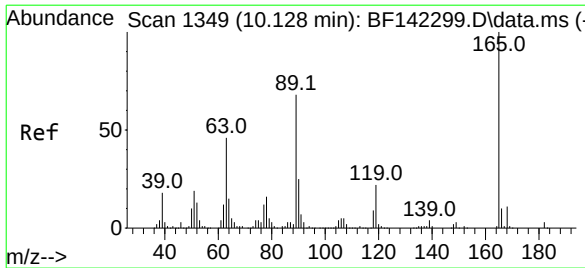
Ion Ratio Lower Upper

139 100

109 64.0 45.3 85.3

65 89.1 73.9 113.9

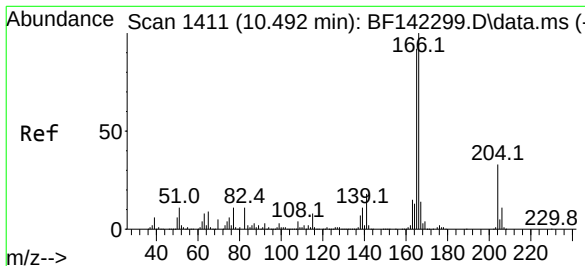
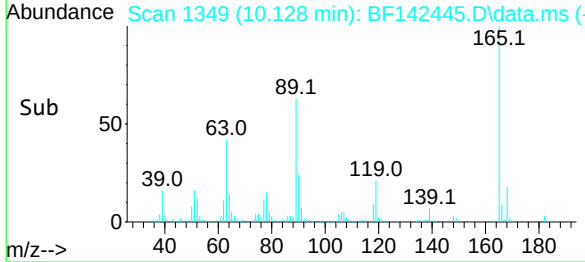
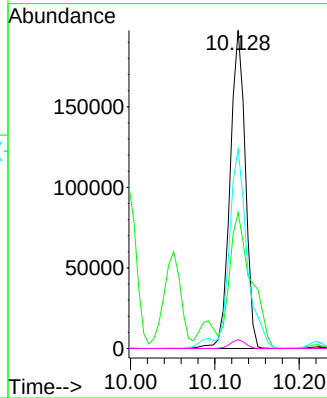
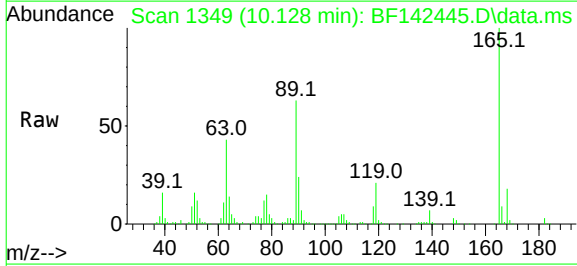




#57
2,4-Dinitrotoluene
Concen: 54.855 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

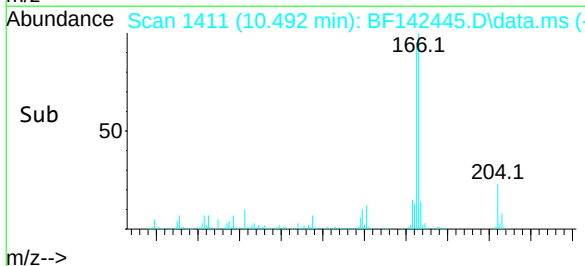
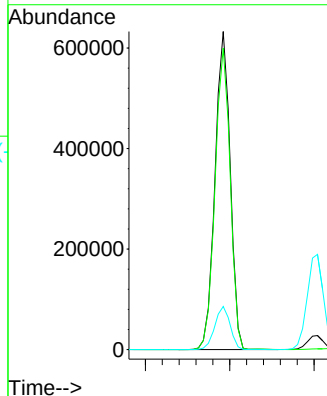
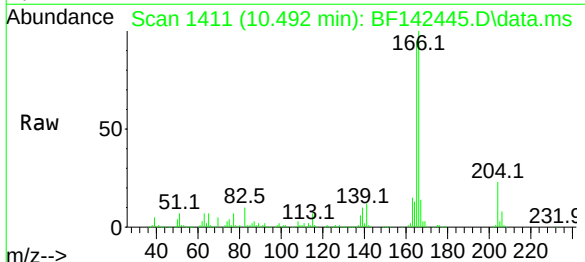
Instrument :
BNA_F
ClientSampleId :
PB167987BS

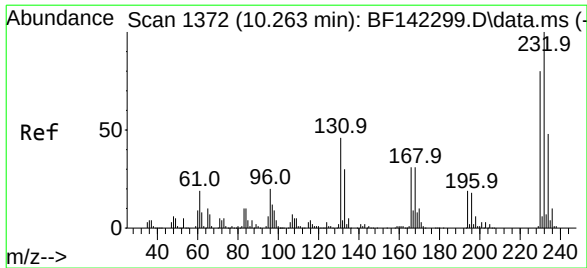
Tgt Ion:	165	Resp:	248584
Ion	Ratio	Lower	Upper
165	100		
63	42.7	37.1	55.7
89	62.7	54.4	81.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 41.657 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

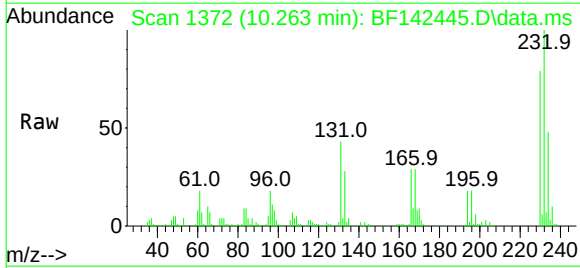
Tgt Ion:	166	Resp:	790954
Ion	Ratio	Lower	Upper
166	100		
165	94.8	74.0	111.0
167	13.6	10.9	16.3



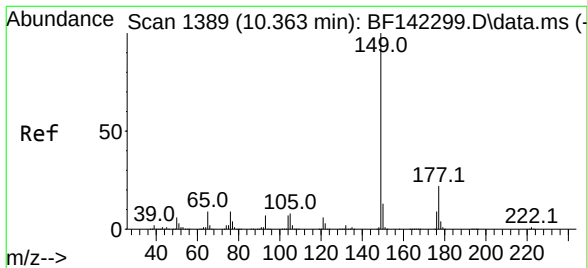
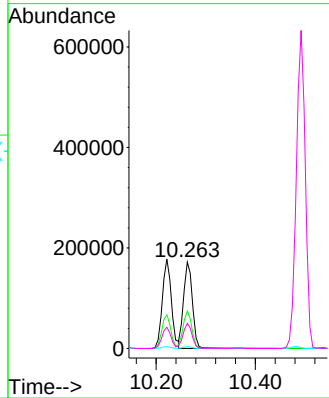
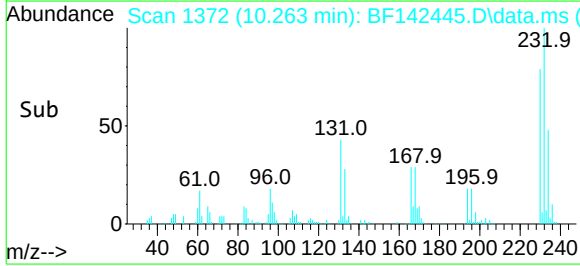


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.955 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

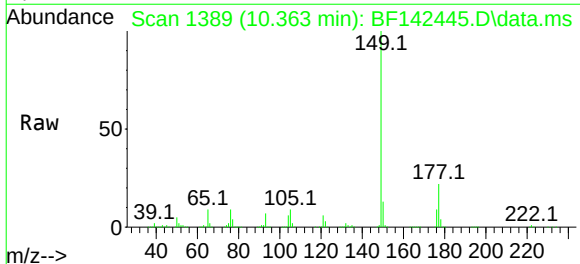
Instrument :
BNA_F
ClientSampleId :
PB167987BS



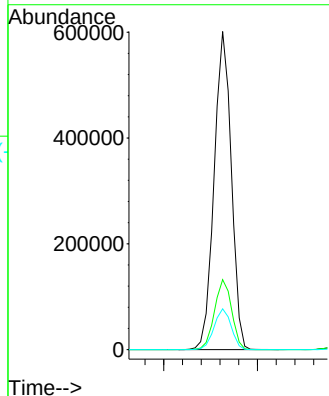
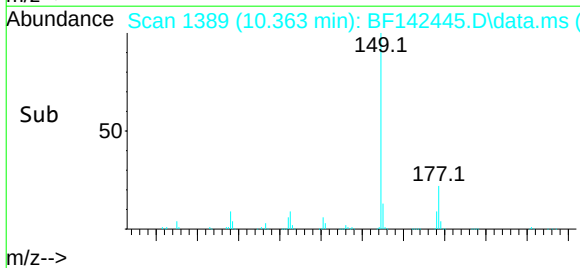
Tgt Ion:	232	Resp:	213557
Ion	Ratio	Lower	Upper
232	100		
131	43.5	36.0	54.0
130	2.1	1.8	2.6
166	28.9	23.4	35.2

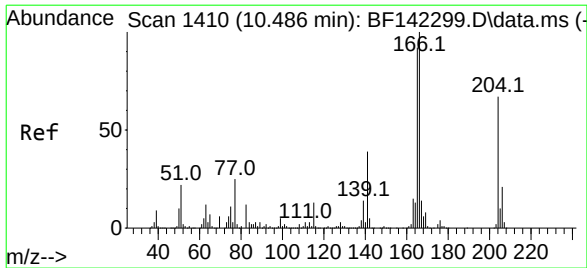


#60
Diethylphthalate
Concen: 40.529 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05



Tgt Ion:	149	Resp:	763904
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.8	10.1	15.1

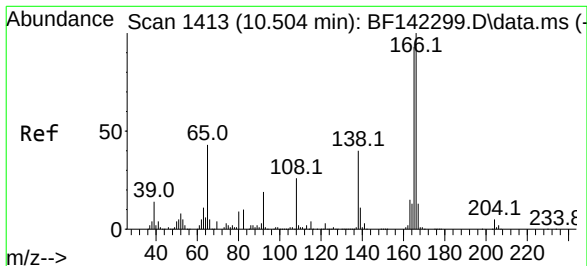
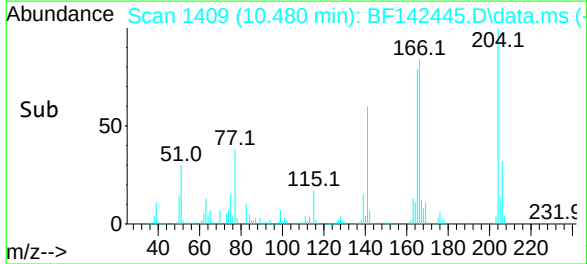
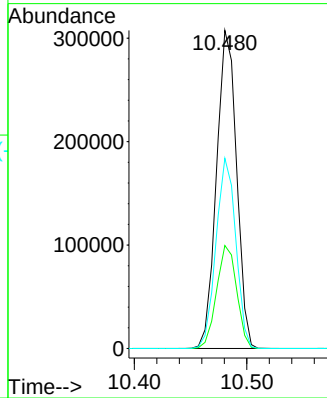
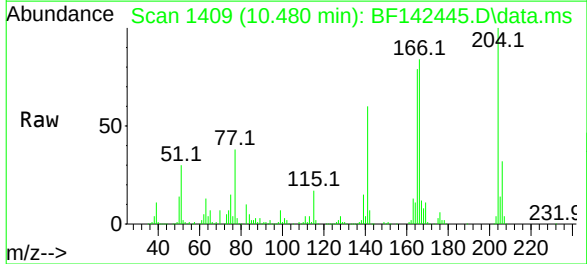




#61
4-Chlorophenyl-phenylether
Concen: 41.661 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

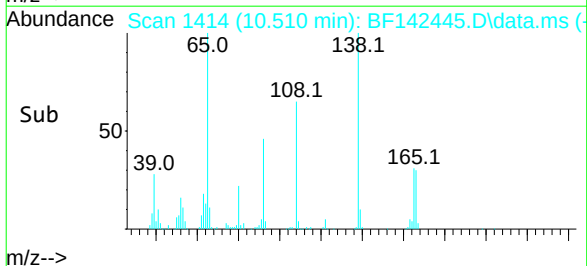
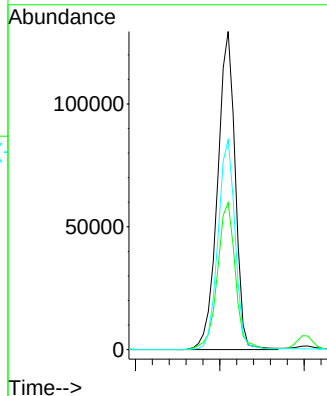
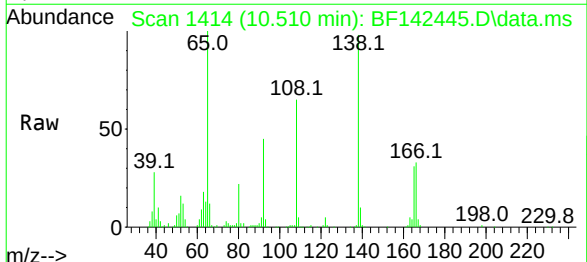
Instrument :
BNA_F
ClientSampleId :
PB167987BS

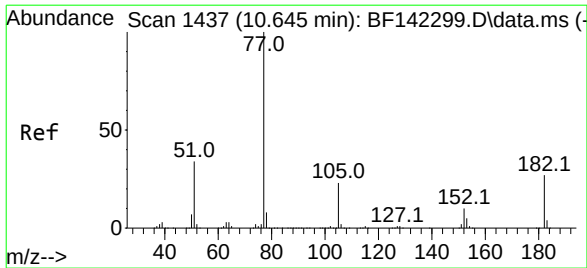
Tgt Ion:204 Resp: 381635
Ion Ratio Lower Upper
204 100
206 32.4 25.5 38.3
141 59.8 46.4 69.6



#62
4-Nitroaniline
Concen: 57.405 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:138 Resp: 188512
Ion Ratio Lower Upper
138 100
92 46.2 27.3 67.3
108 66.0 45.1 85.1





#63

Azobenzene

Concen: 38.387 ng

RT: 10.645 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS

Tgt Ion: 77 Resp: 691397

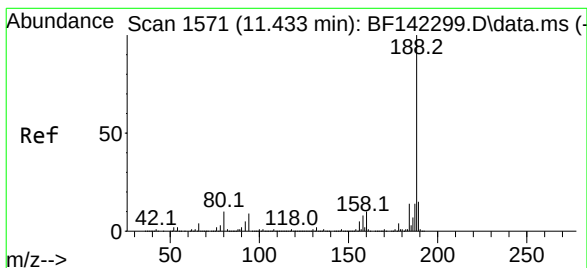
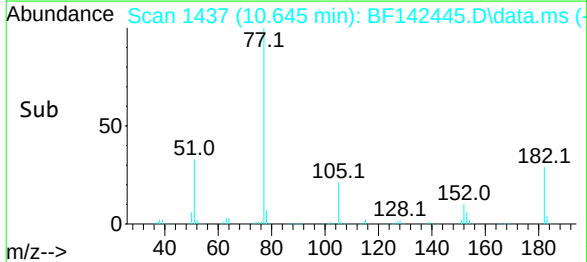
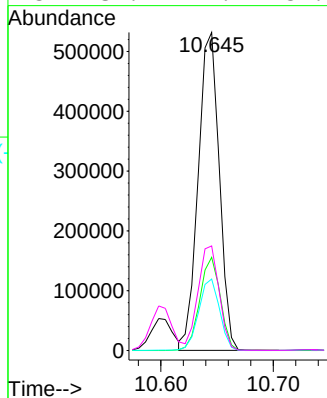
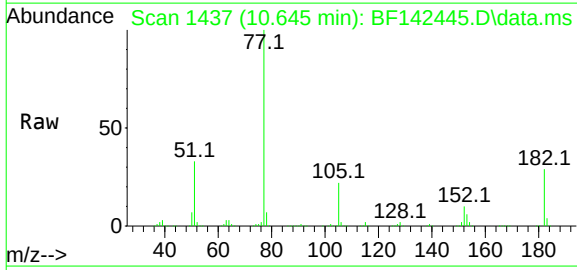
Ion Ratio Lower Upper

77 100

182 29.3 6.9 46.9

105 22.5 2.7 42.7

51 32.9 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: BF142445.D

Acq: 19 May 2025 12:05

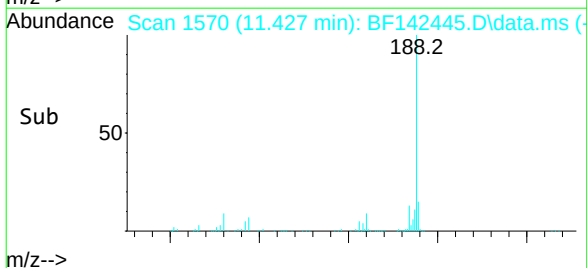
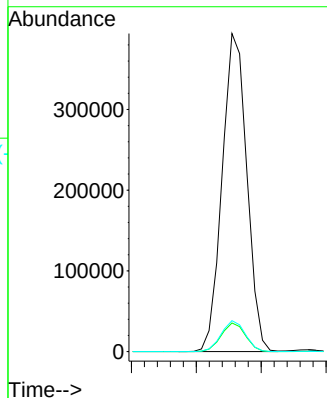
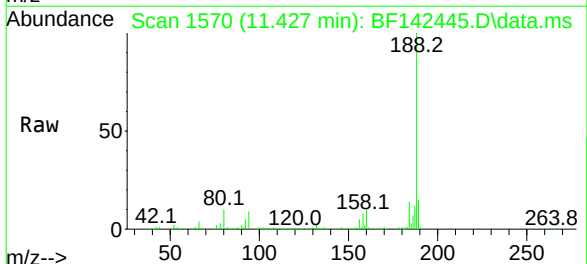
Tgt Ion: 188 Resp: 520931

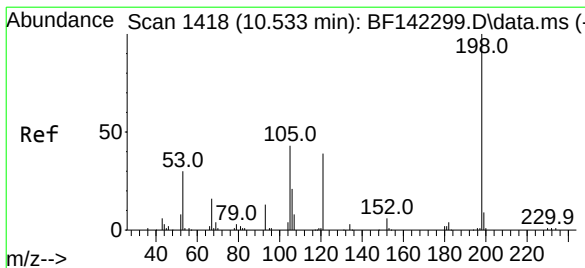
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.7 7.9 11.9

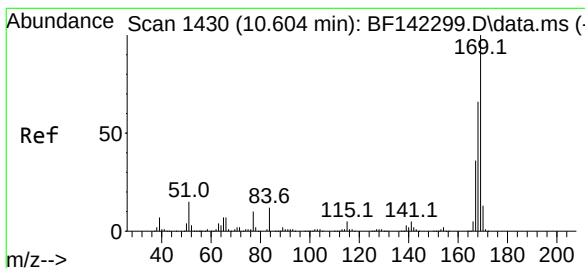
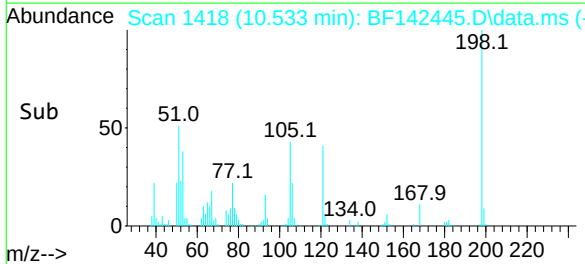
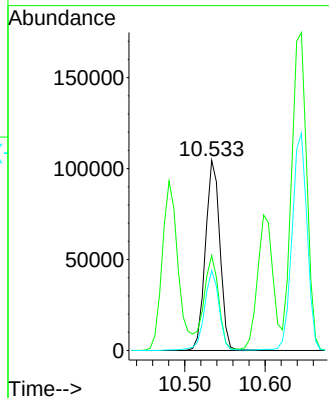
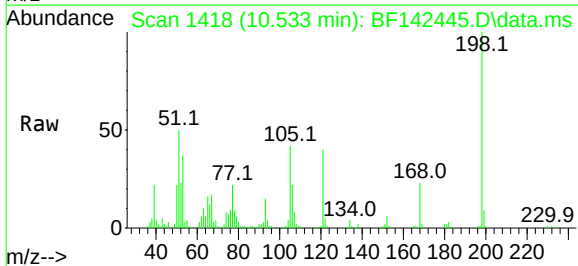




#65
4,6-Dinitro-2-methylphenol
Concen: 53.139 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

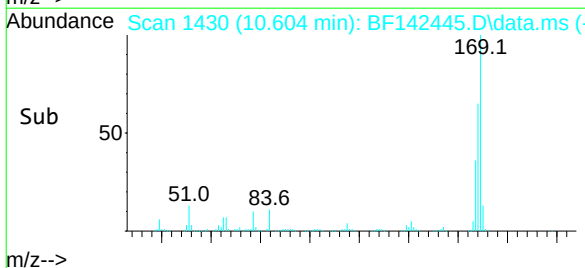
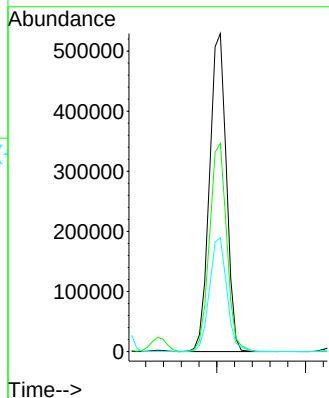
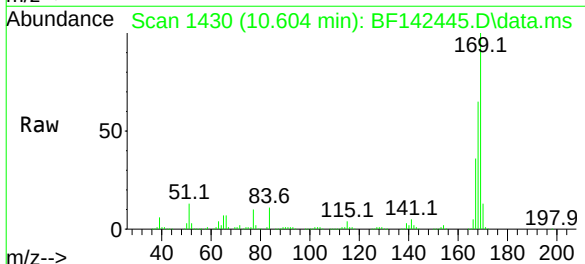
Instrument :
BNA_F
ClientSampleId :
PB167987BS

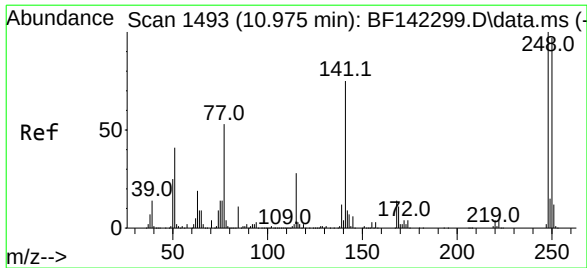
Tgt Ion:198 Resp: 131234
Ion Ratio Lower Upper
198 100
51 49.9 32.9 72.9
105 42.0 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 40.244 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

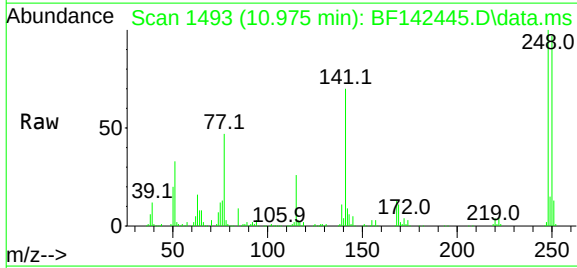
Tgt Ion:169 Resp: 697620
Ion Ratio Lower Upper
169 100
168 65.5 53.2 79.8
167 35.8 28.9 43.3



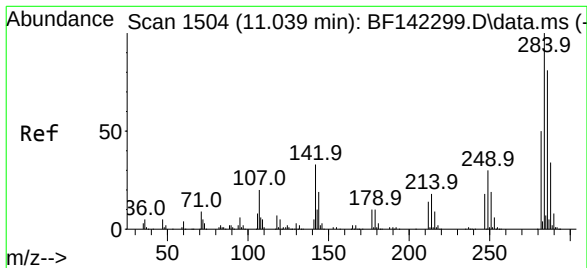
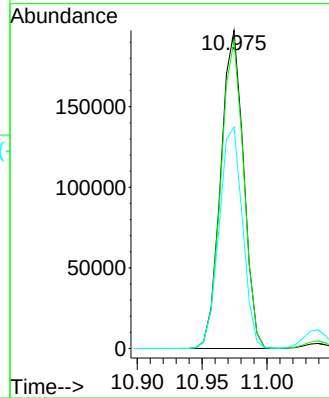
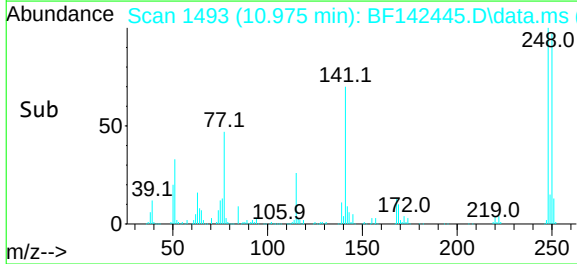


#67
4-Bromophenyl-phenylether
Concen: 40.829 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

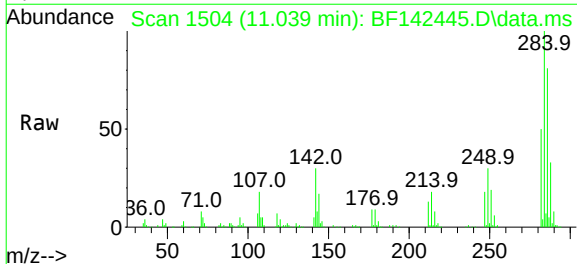
Instrument :
BNA_F
ClientSampleId :
PB167987BS



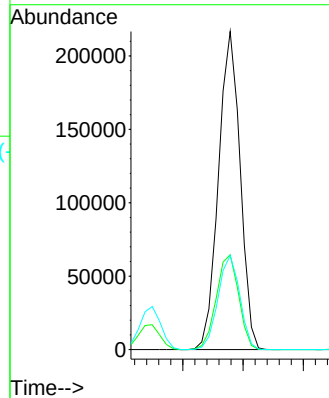
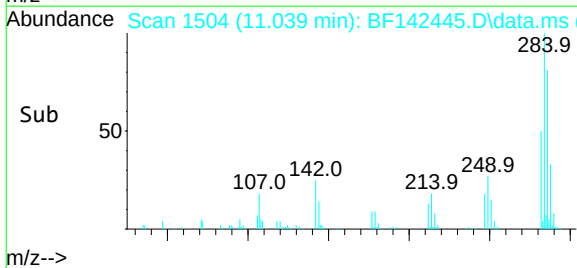
Tgt Ion:248 Resp: 241048
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 69.6 59.8 89.8

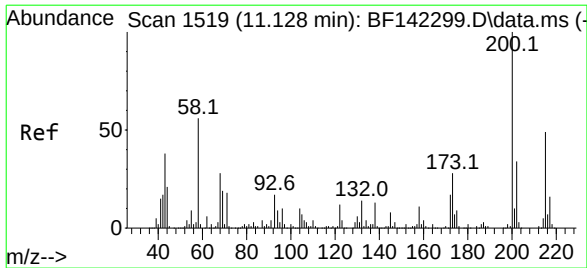


#68
Hexachlorobenzene
Concen: 41.655 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05



Tgt Ion:284 Resp: 270515
Ion Ratio Lower Upper
284 100
142 29.8 26.6 39.8
249 29.6 24.1 36.1





#69

Atrazine

Concen: 46.397 ng

RT: 11.128 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142445.D

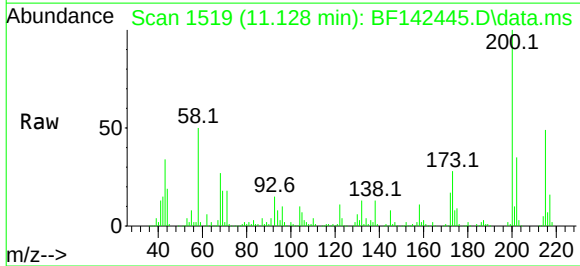
Acq: 19 May 2025 12:05

Instrument :

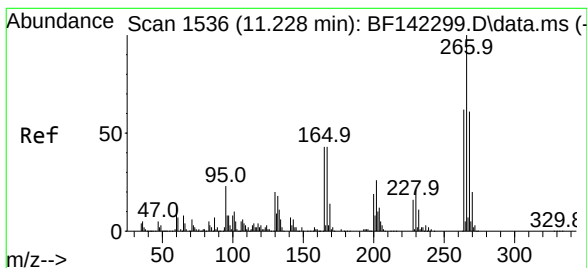
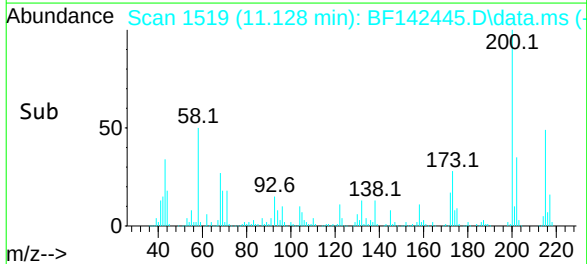
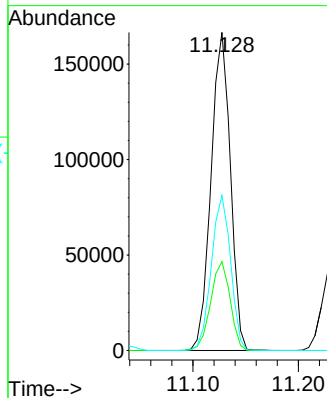
BNA_F

ClientSampleId :

PB167987BS



Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.1	48.1
215	48.7	28.8	68.8



#70

Pentachlorophenol

Concen: 100.557 ng

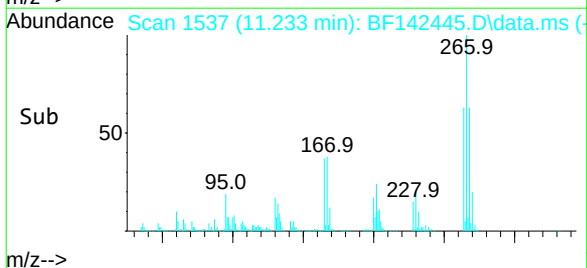
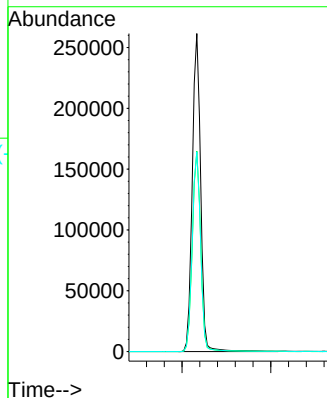
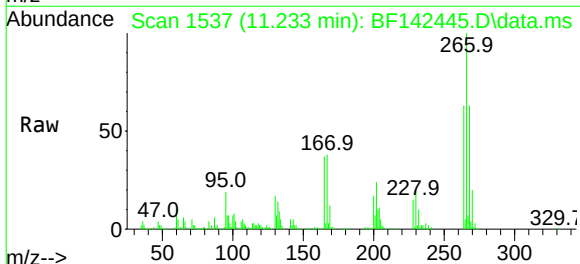
RT: 11.233 min Scan# 1537

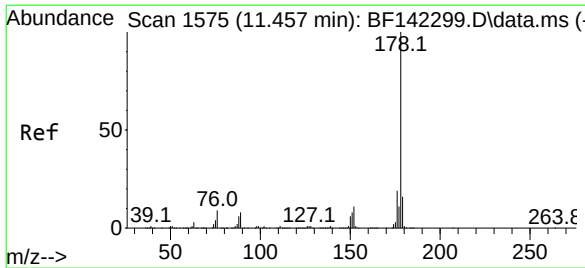
Delta R.T. 0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	48.7	73.1
264	62.8	49.8	74.6

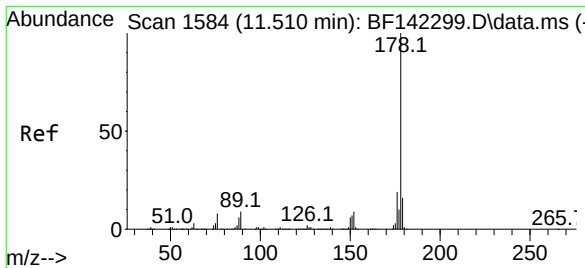
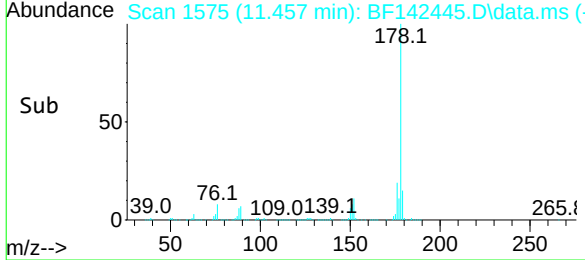
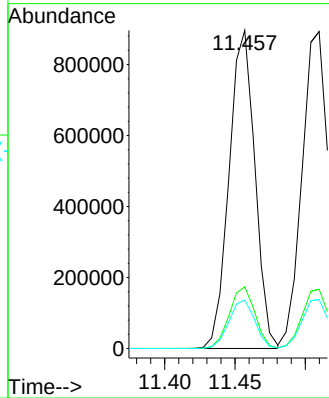
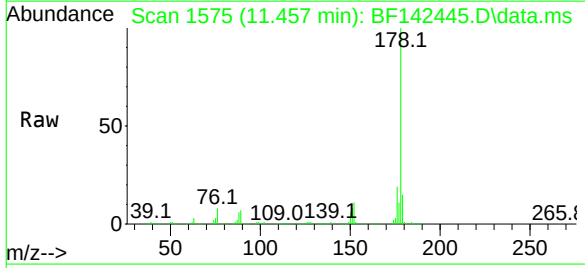




#71
Phenanthrene
Concen: 41.887 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

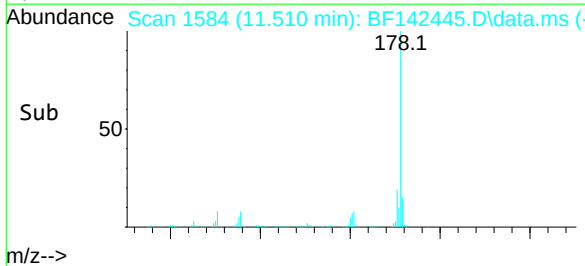
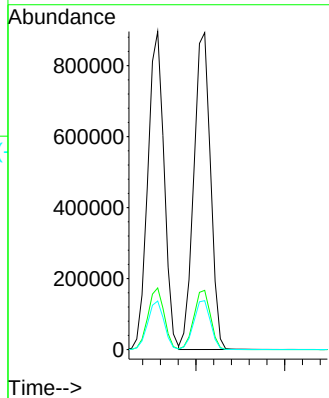
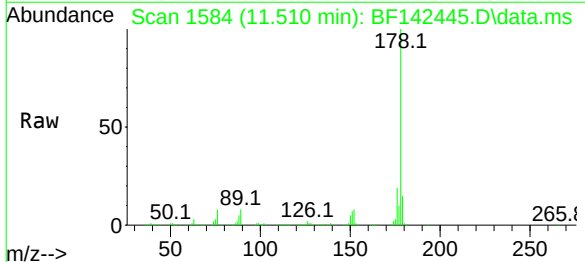
Instrument :
BNA_F
ClientSampleId :
PB167987BS

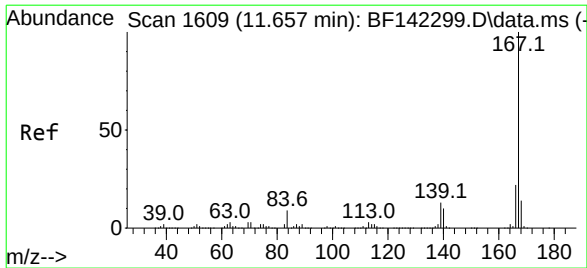
Tgt Ion:178 Resp: 1143757
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.6 18.8



#72
Anthracene
Concen: 41.580 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:178 Resp: 1166616
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.4 12.6 18.8





#73

Carbazole

Concen: 41.272 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF142445.D

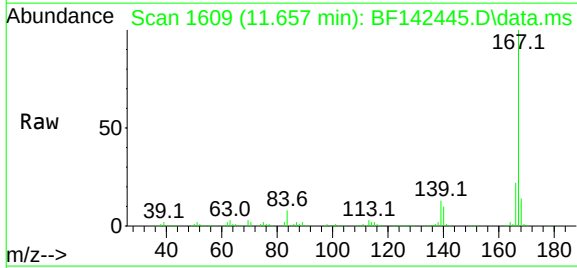
Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS



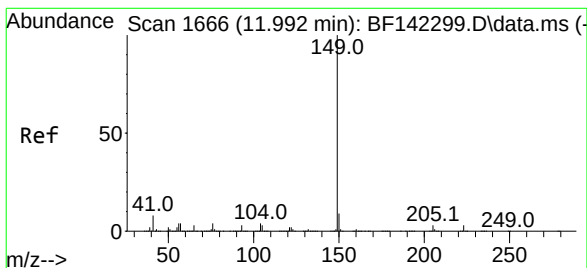
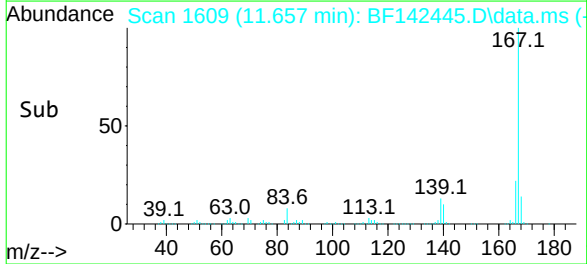
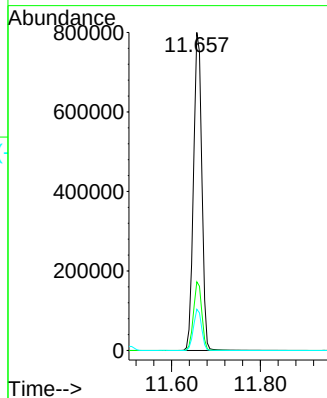
Tgt Ion:167 Resp: 1038886

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 42.607 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

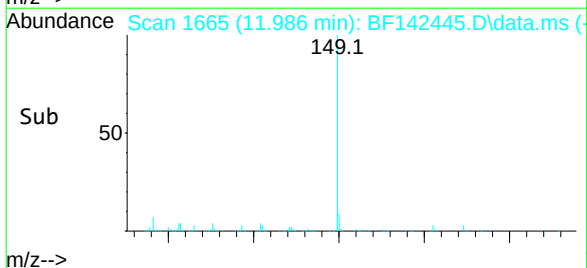
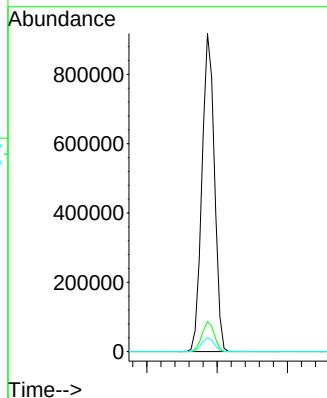
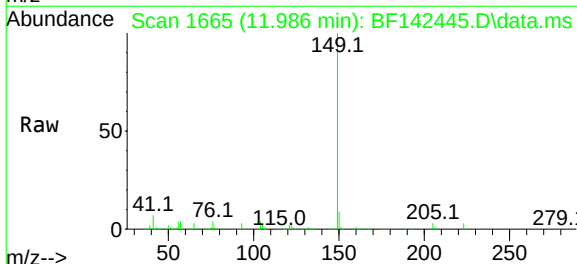
Tgt Ion:149 Resp: 1127755

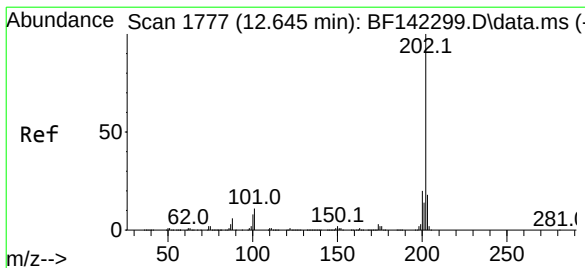
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 39.290 ng

RT: 12.645 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS

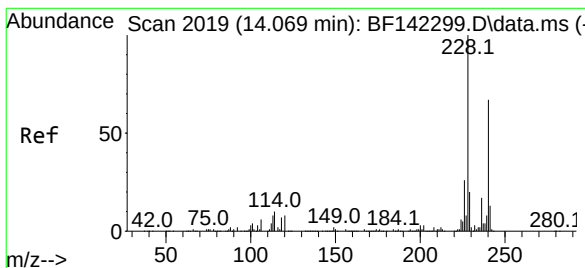
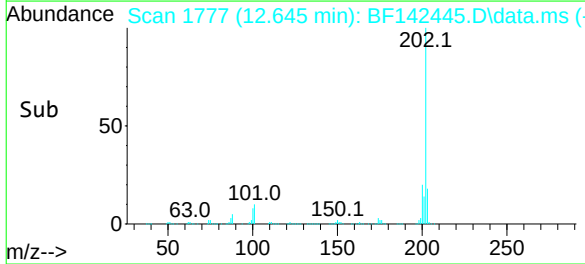
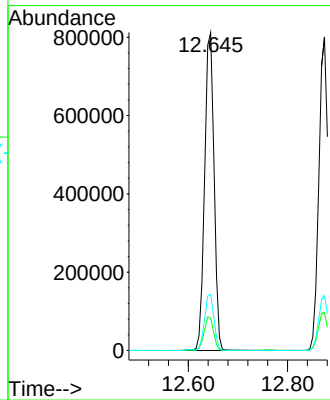
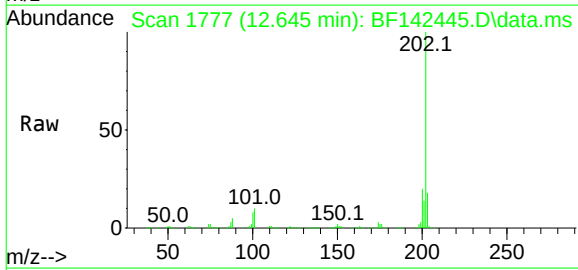
Tgt Ion:202 Resp: 1072447

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.4

203 17.6 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

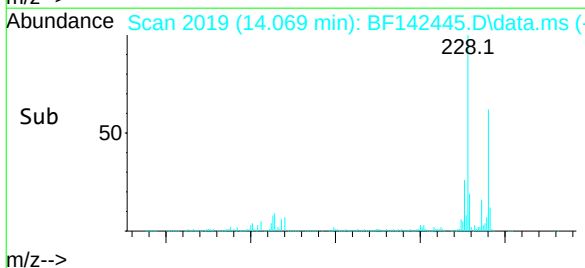
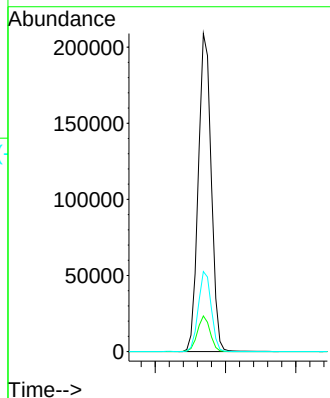
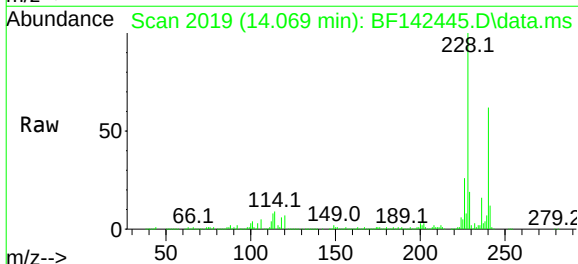
Tgt Ion:240 Resp: 267148

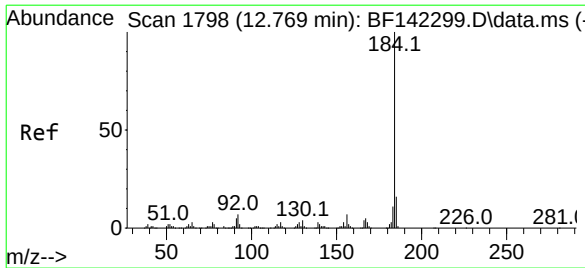
Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

236 25.2 20.0 30.0

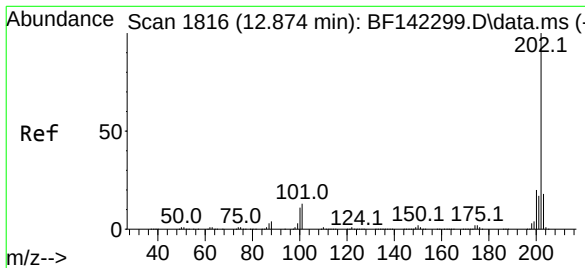
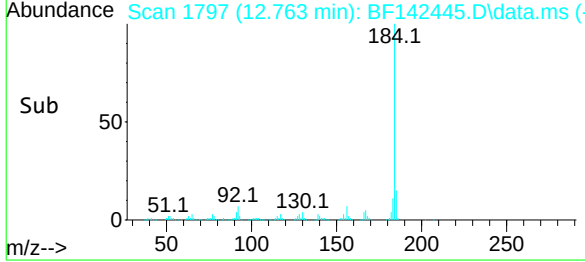
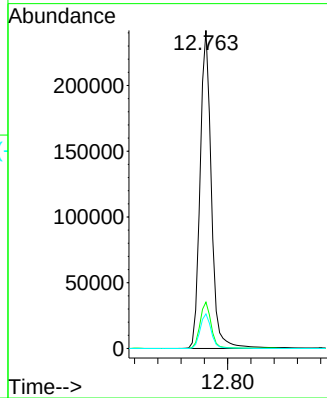
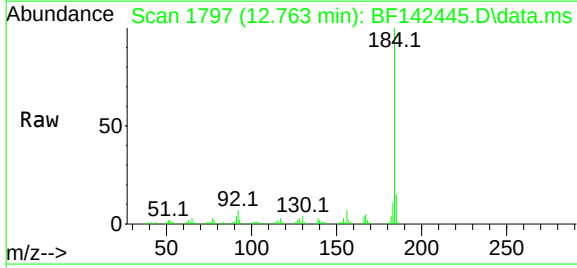




#77
Benzidine
Concen: 66.883 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

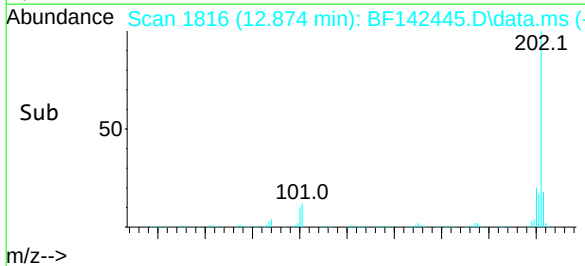
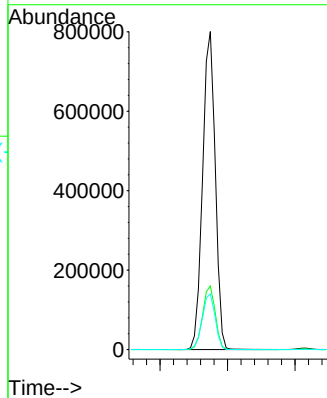
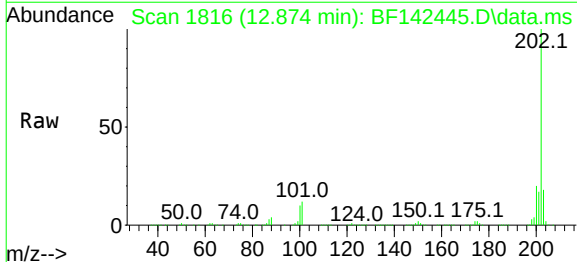
Instrument :
BNA_F
ClientSampleId :
PB167987BS

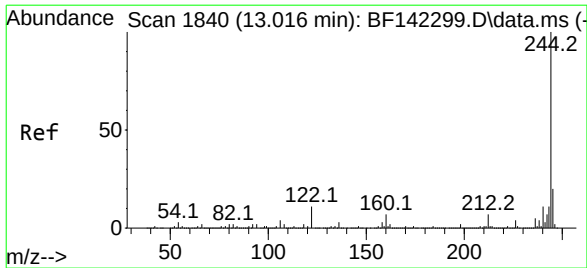
Tgt Ion:184 Resp: 324707
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 10.9 8.6 12.8



#78
Pyrene
Concen: 43.832 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142445.D
Acq: 19 May 2025 12:05

Tgt Ion:202 Resp: 1042270
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 80.596 ng

RT: 13.016 min Scan# 18

Delta R.T. -0.000 min

Lab File: BF142445.D

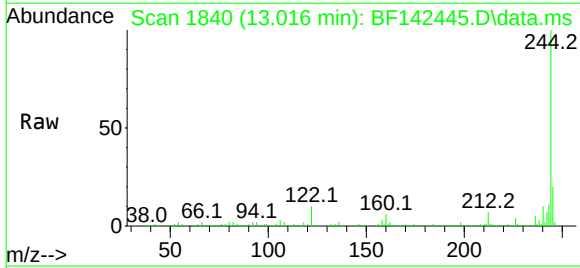
Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS



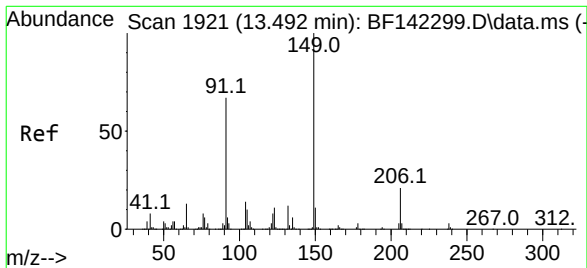
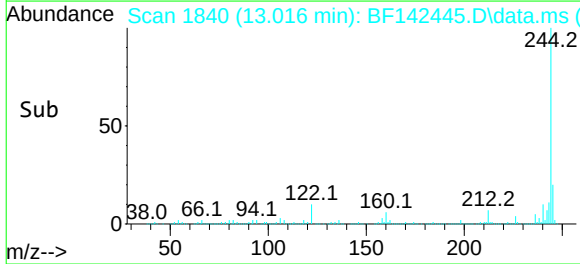
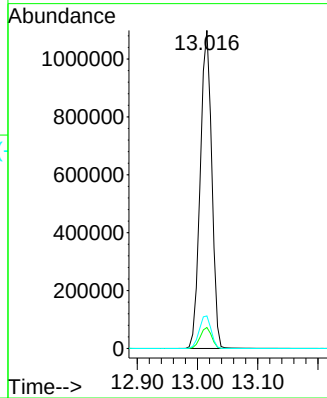
Tgt Ion:244 Resp: 1454705

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.2 9.0 13.4



#80

Butylbenzylphthalate

Concen: 44.436 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

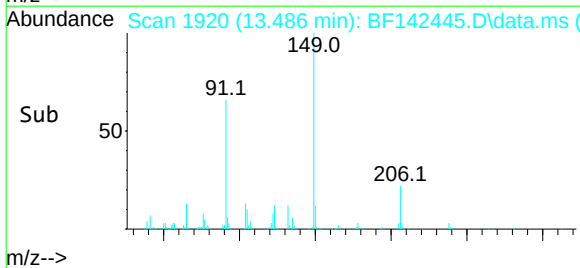
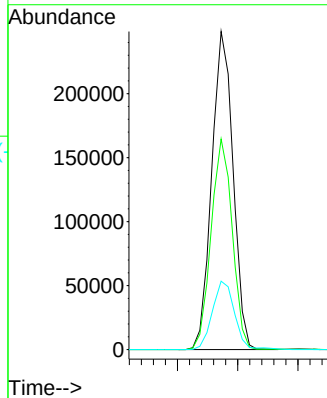
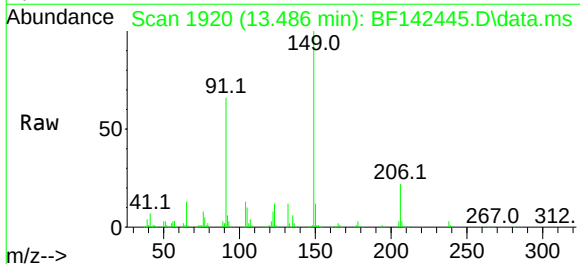
Tgt Ion:149 Resp: 306321

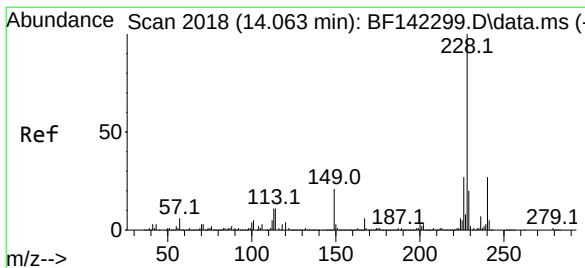
Ion Ratio Lower Upper

149 100

91 66.2 53.8 80.6

206 21.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 45.222 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142445.D

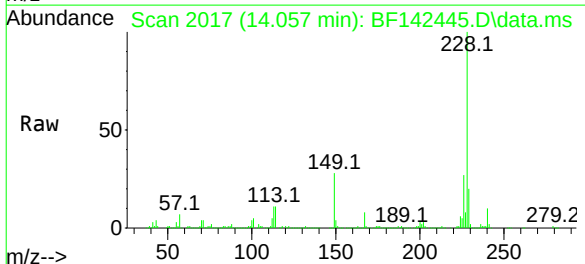
Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS



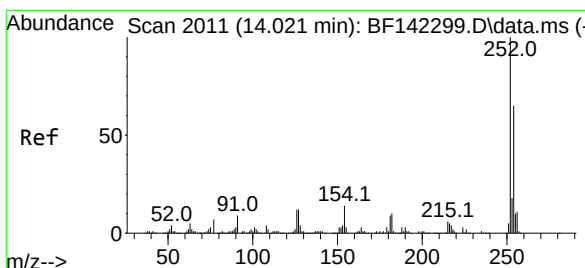
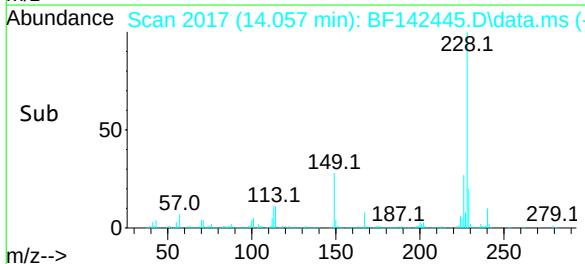
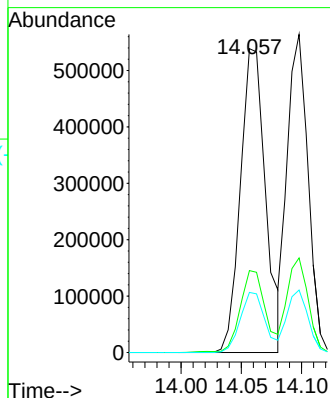
Tgt Ion:228 Resp: 782375

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 35.507 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

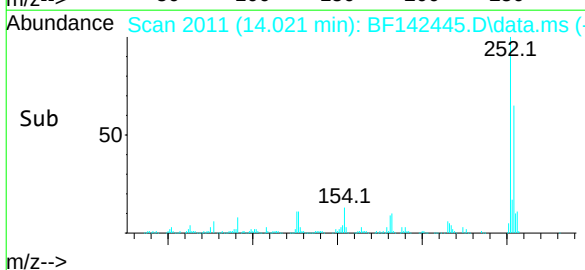
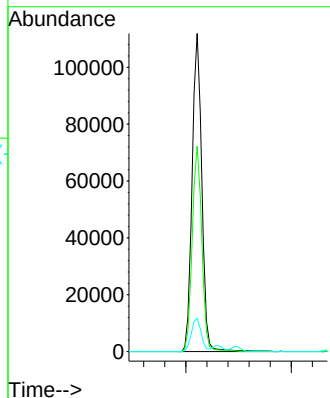
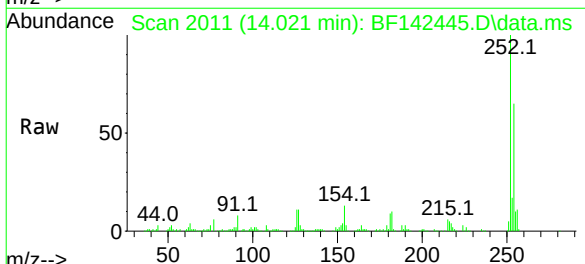
Tgt Ion:252 Resp: 142856

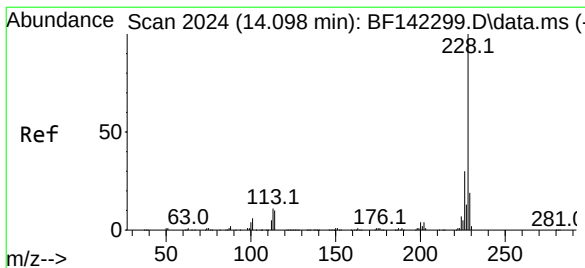
Ion Ratio Lower Upper

252 100

254 64.6 52.0 78.0

126 10.5 9.7 14.5





#83

Chrysene

Concen: 42.263 ng

RT: 14.098 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

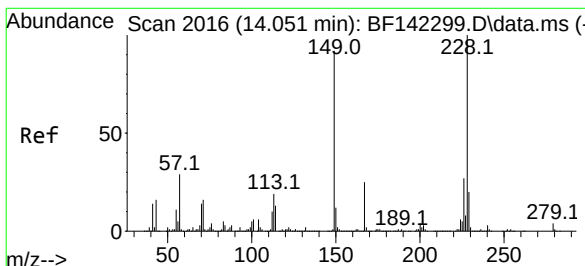
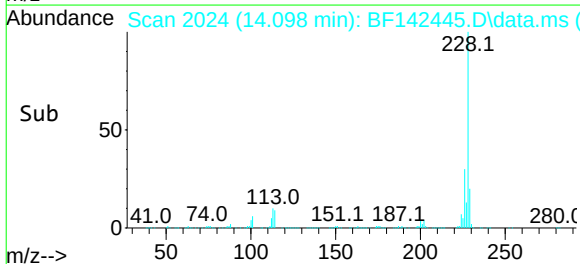
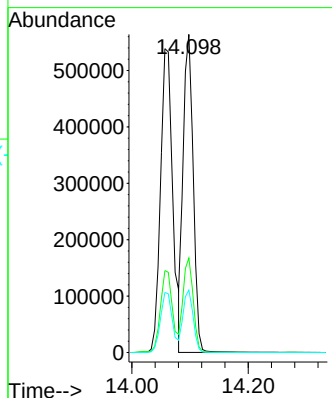
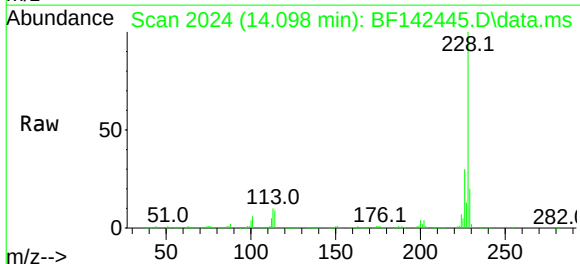
Instrument :

BNA_F

ClientSampleId :

PB167987BS

Tgt Ion:	228	Resp:	680676
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.6	15.4	23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.680 ng

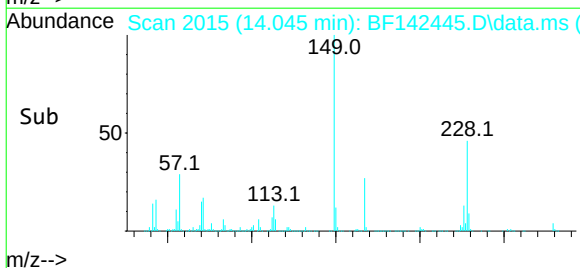
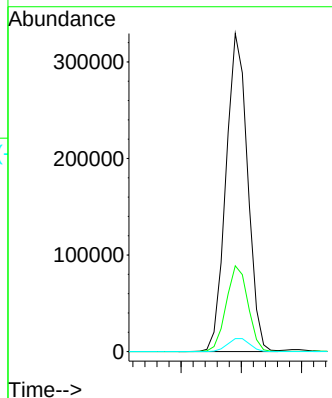
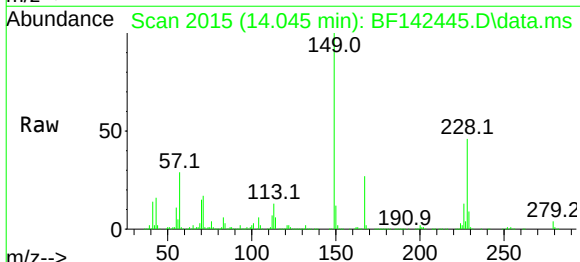
RT: 14.045 min Scan# 2015

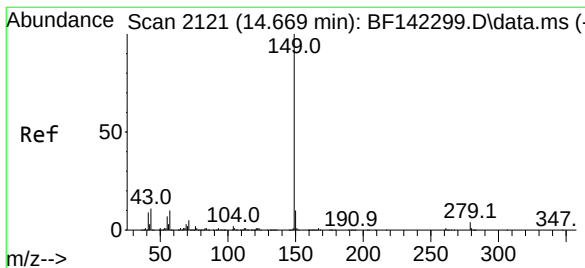
Delta R.T. -0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Tgt Ion:	149	Resp:	410785
Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.0	33.0
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 47.489 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142445.D

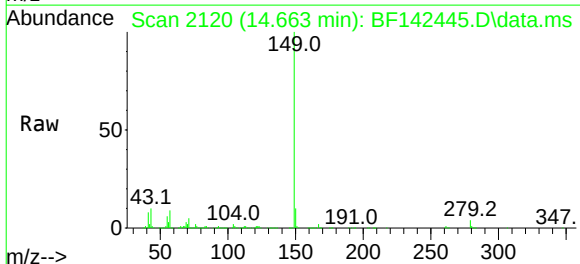
Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS



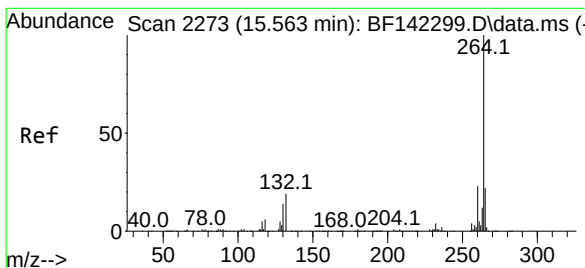
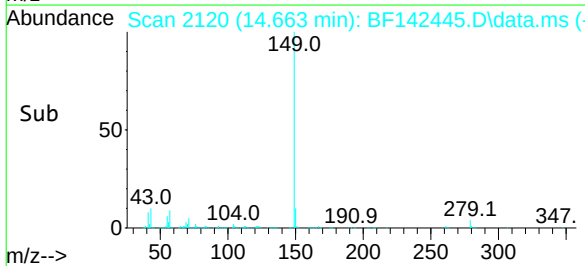
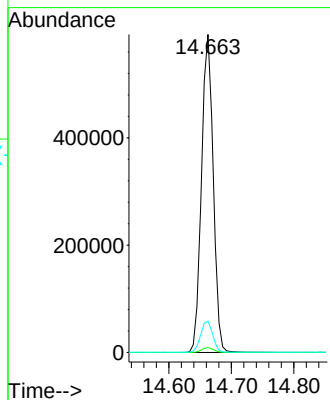
Tgt Ion:149 Resp: 772141

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.1 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

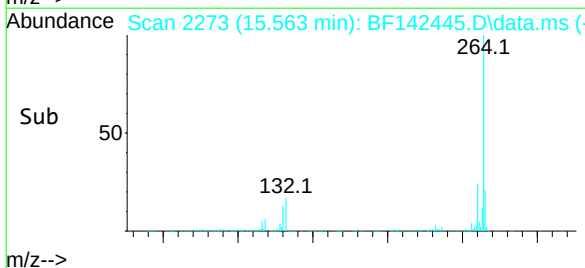
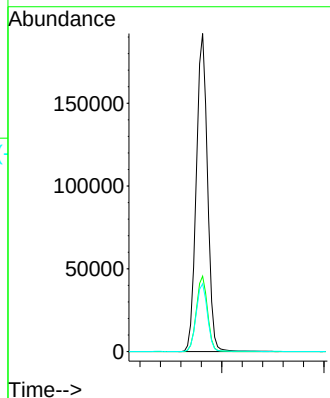
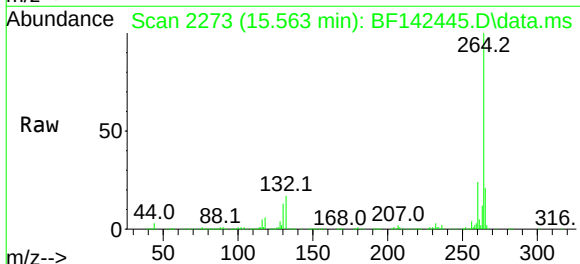
Tgt Ion:264 Resp: 292683

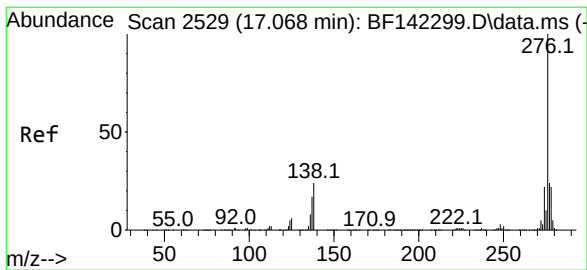
Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.998 ng

RT: 17.074 min Scan# 2529

Delta R.T. 0.006 min

Lab File: BF142445.D

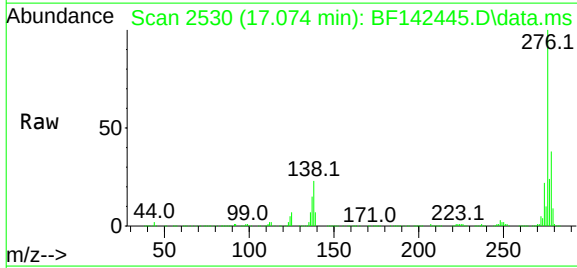
Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS



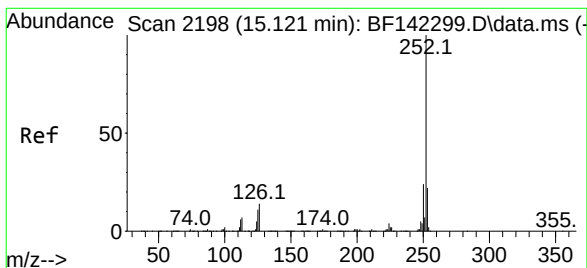
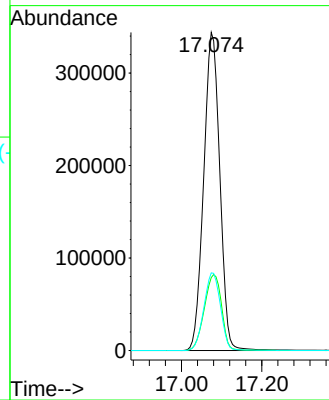
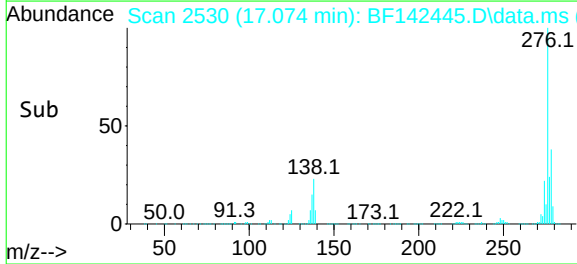
Tgt Ion:276 Resp: 956870

Ion Ratio Lower Upper

276 100

138 25.6 22.0 33.0

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

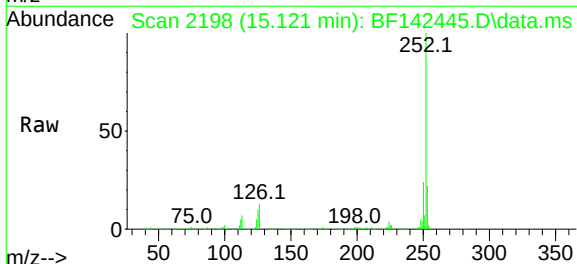
Concen: 42.685 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05



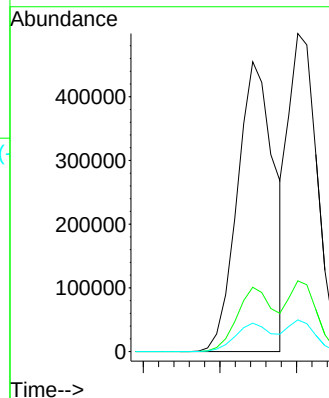
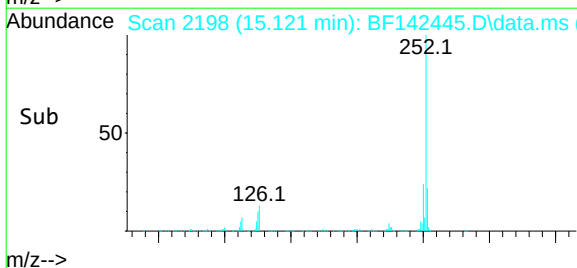
Tgt Ion:252 Resp: 756657

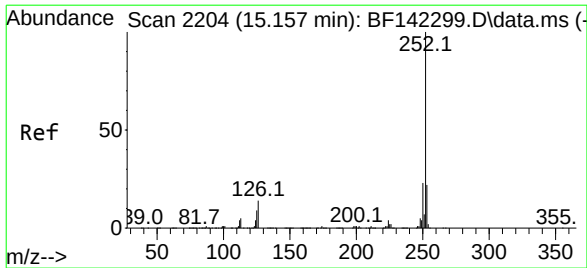
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.8 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 40.208 ng

RT: 15.151 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS

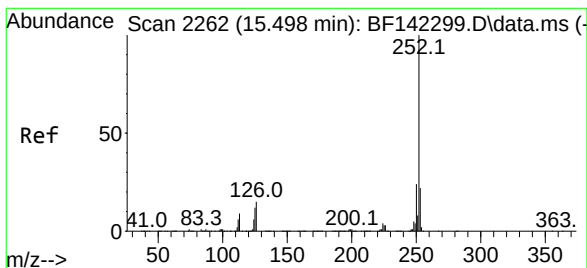
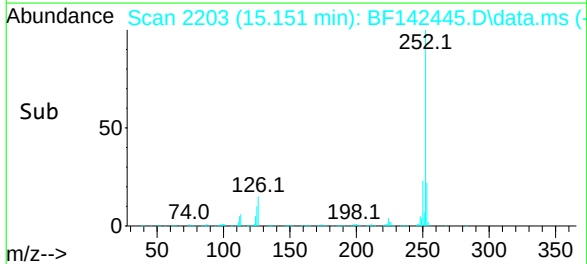
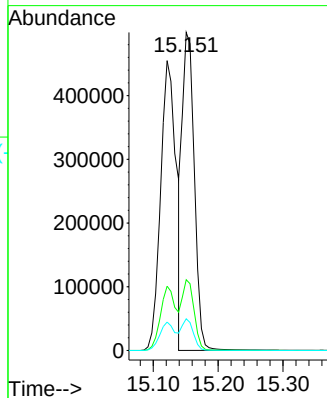
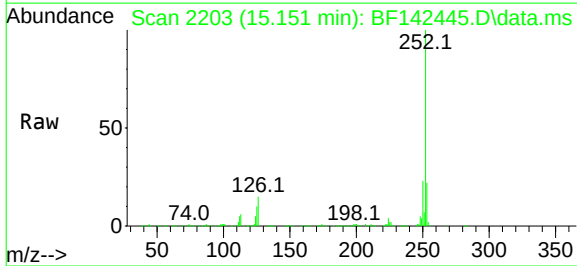
Tgt Ion:252 Resp: 652259

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: 44.354 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

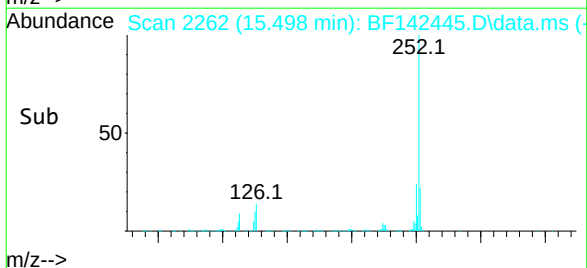
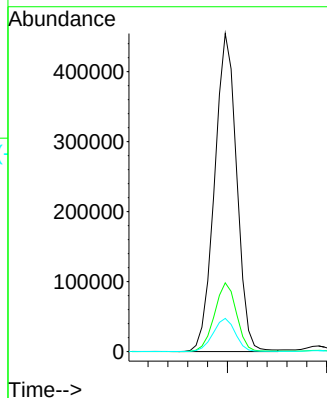
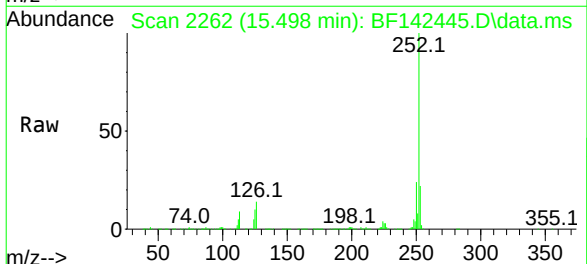
Tgt Ion:252 Resp: 704559

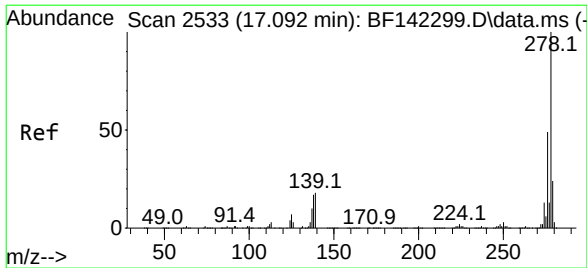
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 10.4 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 46.377 ng

RT: 17.092 min Scan# 2533

Delta R.T. -0.000 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Instrument :

BNA_F

ClientSampleId :

PB167987BS

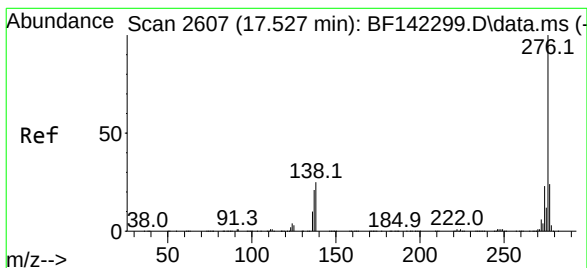
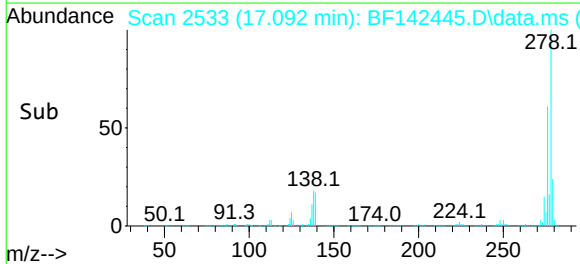
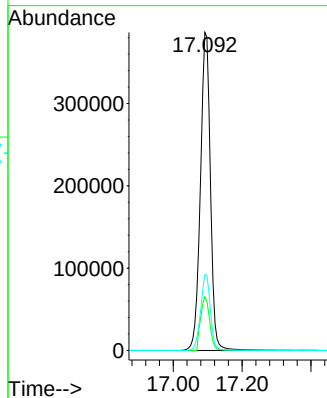
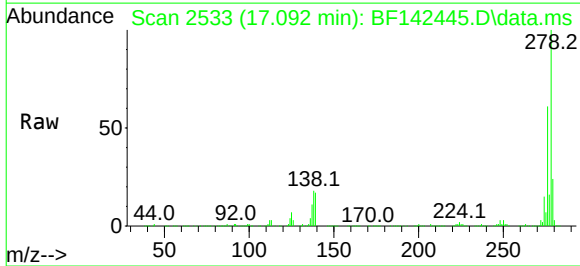
Tgt Ion:278 Resp: 780084

Ion Ratio Lower Upper

278 100

139 16.9 14.5 21.7

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 45.412 ng

RT: 17.533 min Scan# 2608

Delta R.T. 0.006 min

Lab File: BF142445.D

Acq: 19 May 2025 12:05

Tgt Ion:276 Resp: 758122

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 22.0 19.8 29.6

