

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141500.D
 Acq On : 07 Feb 2025 11:40
 Operator : RC/JU
 Sample : PB166563BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166563BS

Quant Time: Feb 07 12:15:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	85315	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	344212	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	189959	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	331853	20.000	ng	0.00
76) Chrysene-d12	13.957	240	236773	20.000	ng	0.00
86) Perylene-d12	15.410	264	187655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	755047	138.747	ng	0.01
7) Phenol-d6	6.434	99	943189	137.129	ng	0.00
23) Nitrobenzene-d5	7.357	82	621479	94.172	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	270817	141.921	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1167278	94.671	ng	0.00
79) Terphenyl-d14	12.904	244	1382316	98.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	91572	41.809	ng	99
3) Pyridine	3.316	79	210710	40.428	ng	100
4) n-Nitrosodimethylamine	3.263	42	150106	43.495	ng	100
6) Aniline	6.451	93	258819	40.115	ng	99
8) 2-Chlorophenol	6.575	128	263414	44.797	ng	98
9) Benzaldehyde	6.340	77	171599	46.949	ng	98
10) Phenol	6.445	94	313761	43.829	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	233775	43.477	ng	99
12) 1,3-Dichlorobenzene	6.728	146	270506	43.575	ng	99
13) 1,4-Dichlorobenzene	6.804	146	270379	42.629	ng	99
14) 1,2-Dichlorobenzene	6.957	146	261500	44.422	ng	100
15) Benzyl Alcohol	6.934	79	231204	43.834	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	405181	44.020	ng	86
17) 2-Methylphenol	7.051	107	206807	44.942	ng	98
18) Hexachloroethane	7.298	117	104189	44.386	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	183031	44.487	ng	98
20) 3+4-Methylphenols	7.204	107	267044	45.664	ng	98
22) Acetophenone	7.198	105	403531	47.128	ng	99
24) Nitrobenzene	7.375	77	276236	42.926	ng	99
25) Isophorone	7.610	82	489678	46.536	ng	99
26) 2-Nitrophenol	7.686	139	138662	43.310	ng	99
27) 2,4-Dimethylphenol	7.728	122	211487	56.544	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	299943	44.484	ng	99
29) 2,4-Dichlorophenol	7.934	162	222265	43.982	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	232379	42.227	ng	99
31) Naphthalene	8.092	128	754018	42.083	ng	100
32) Benzoic acid	7.863	122	180648	46.499	ng	99
33) 4-Chloroaniline	8.145	127	137331	21.953	ng	99
34) Hexachlorobutadiene	8.210	225	143503	43.436	ng	100
35) Caprolactam	8.563	113	32972	21.429	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	248264	44.350	ng	99
37) 2-Methylnaphthalene	8.786	142	479084	41.089	ng	100
38) 1-Methylnaphthalene	8.886	142	473237	41.907	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	262467	47.758	ng	99
41) Hexachlorocyclopentadiene	8.939	237	294603	161.168	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	156703	44.117	ng	99

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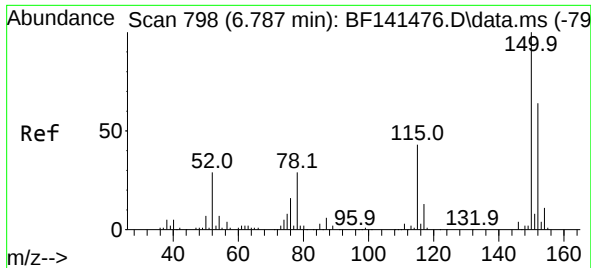
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	170264	44.230	ng	99
46) 1,1'-Biphenyl	9.251	154	706435	47.968	ng	100
47) 2-Chloronaphthalene	9.275	162	478373	43.927	ng	99
48) 2-Nitroaniline	9.375	65	164567	45.028	ng	98
49) Acenaphthylene	9.692	152	748547	46.212	ng	99
50) Dimethylphthalate	9.551	163	566922	43.962	ng	99
51) 2,6-Dinitrotoluene	9.616	165	125364	44.469	ng	98
52) Acenaphthene	9.863	154	469667	43.129	ng	100
53) 3-Nitroaniline	9.786	138	80199	26.432	ng	97
54) 2,4-Dinitrophenol	9.898	184	155669	92.910	ng	97
55) Dibenzofuran	10.033	168	673714	42.149	ng	99
56) 4-Nitrophenol	9.963	139	218215	96.881	ng	98
57) 2,4-Dinitrotoluene	10.022	165	174235	46.426	ng	100
58) Fluorene	10.375	166	547554	44.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	146033	44.063	ng	98
60) Diethylphthalate	10.257	149	546276	43.055	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	262008	44.066	ng	99
62) 4-Nitroaniline	10.404	138	131743	42.760	ng	99
63) Azobenzene	10.527	77	538440	42.688	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	101377	43.977	ng	94
66) n-Nitrosodiphenylamine	10.492	169	474876	44.703	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	161338	43.500	ng	96
68) Hexachlorobenzene	10.927	284	172960	45.288	ng	98
69) Atrazine	11.022	200	180504	56.639	ng	100
70) Pentachlorophenol	11.122	266	217358	89.007	ng	99
71) Phenanthrene	11.339	178	809177	44.297	ng	100
72) Anthracene	11.392	178	835821	45.517	ng	100
73) Carbazole	11.545	167	731942	44.299	ng	99
74) Di-n-butylphthalate	11.880	149	847093	44.401	ng	100
75) Fluoranthene	12.527	202	862600	44.541	ng	100
77) Benzidine	12.651	184	355480	68.075	ng	99
78) Pyrene	12.757	202	888081	44.061	ng	100
80) Butylbenzylphthalate	13.380	149	336054	48.136	ng	100
81) Benzo(a)anthracene	13.945	228	725207	46.077	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	148233	32.878	ng	100
83) Chrysene	13.986	228	620818	42.719	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	419464	53.273	ng	100
85) Di-n-octyl phthalate	14.557	149	567546	50.526	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	538066	46.405	ng	99
88) Benzo(b)fluoranthene	14.992	252	528021	41.906	ng	99
89) Benzo(k)fluoranthene	15.021	252	514399	47.809	ng	98
90) Benzo(a)pyrene	15.351	252	486202	47.687	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	430723	45.845	ng	100
92) Benzo(g,h,i)perylene	17.286	276	417233	42.437	ng	99

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

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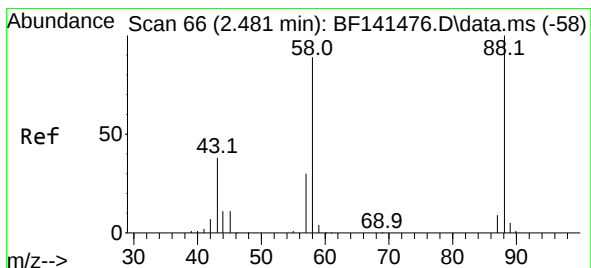
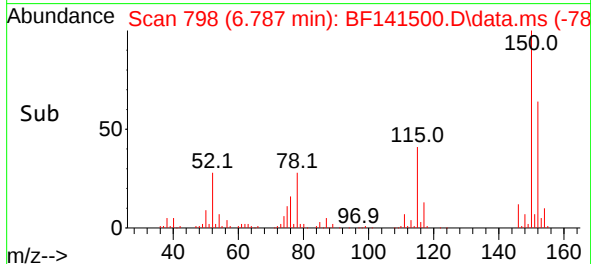
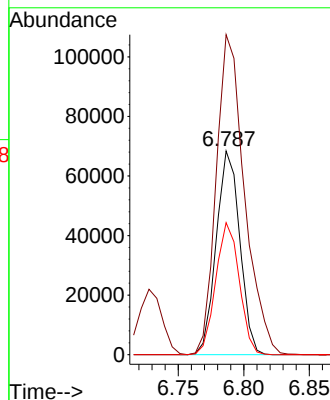
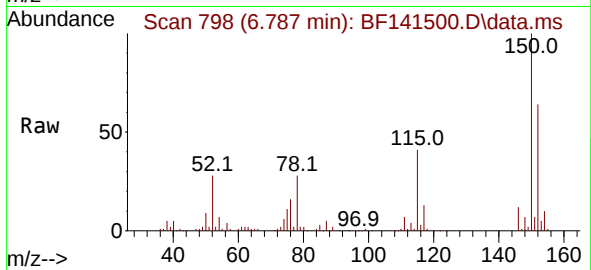




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141500.D
 Acq: 07 Feb 2025 11:40

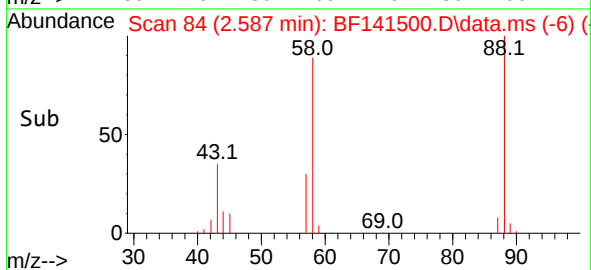
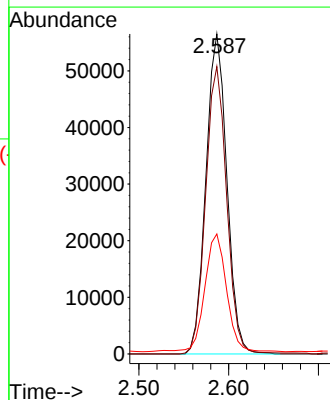
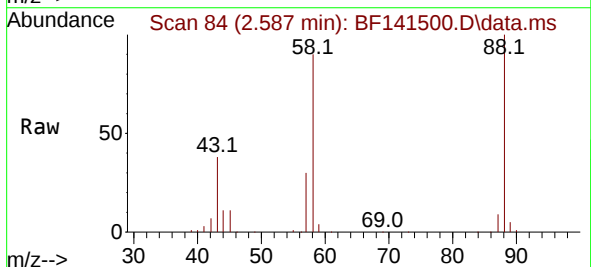
Instrument :
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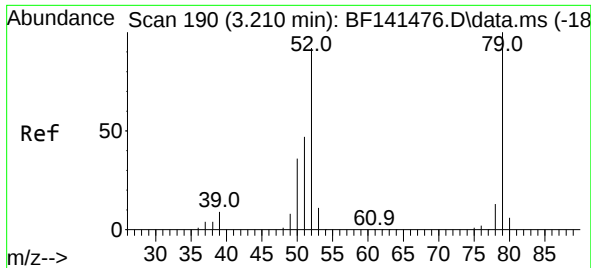
Tgt Ion:152 Resp: 85315
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.0 187.4
 115 64.8 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.809 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.106 min
 Lab File: BF141500.D
 Acq: 07 Feb 2025 11:40

Tgt Ion: 88 Resp: 91572
 Ion Ratio Lower Upper
 88 100
 58 90.5 71.1 106.7
 43 38.3 30.6 46.0





#3

Pyridine

Concen: 40.428 ng

RT: 3.316 min Scan# 20

Delta R.T. 0.100 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

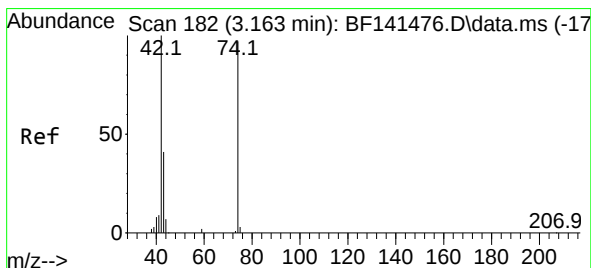
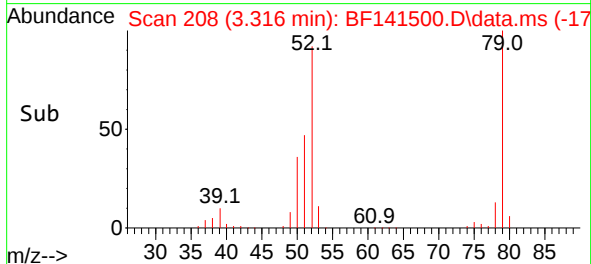
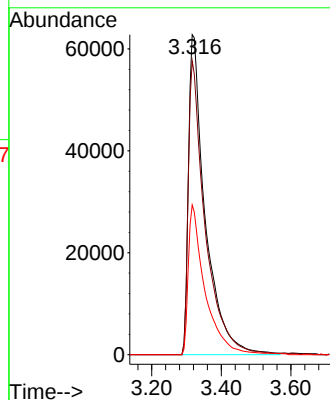
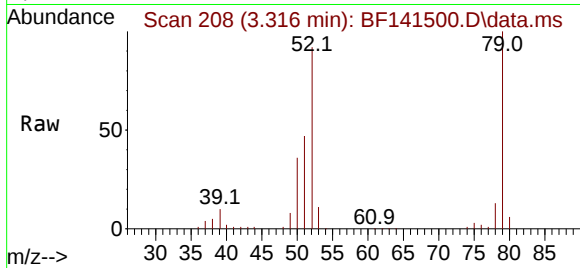
Tgt Ion: 79 Resp: 210710

Ion Ratio Lower Upper

79 100

52 91.8 73.7 110.5

51 46.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 43.495 ng

RT: 3.263 min Scan# 199

Delta R.T. 0.077 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

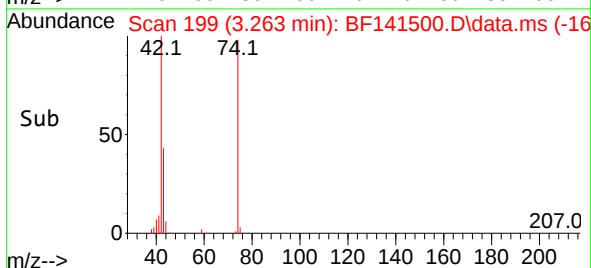
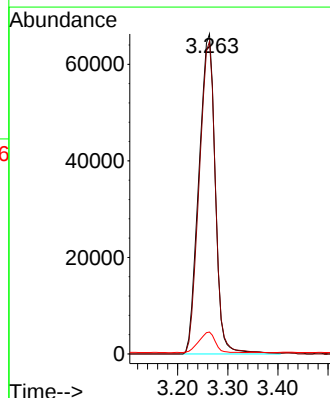
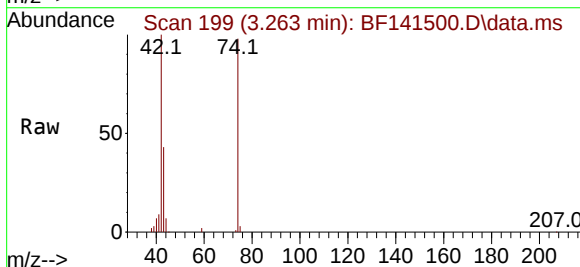
Tgt Ion: 42 Resp: 150106

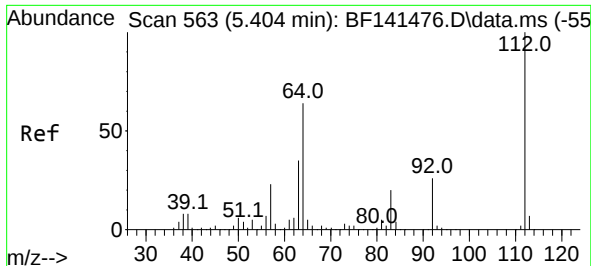
Ion Ratio Lower Upper

42 100

74 97.6 78.0 117.0

44 6.9 5.4 8.2

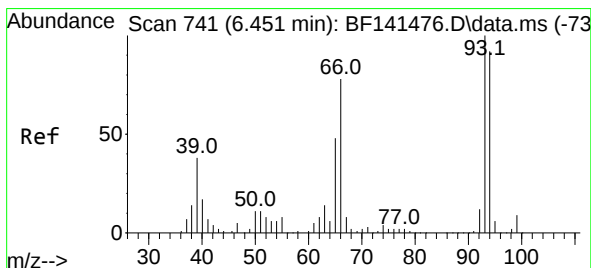
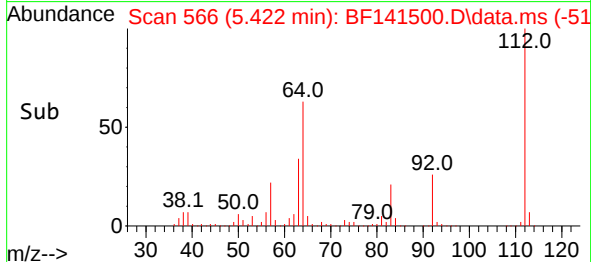
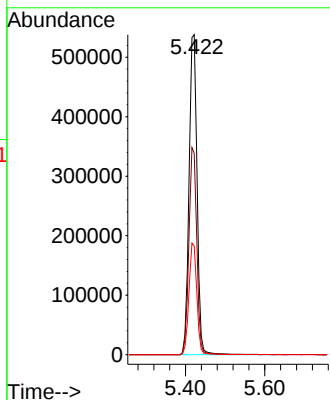
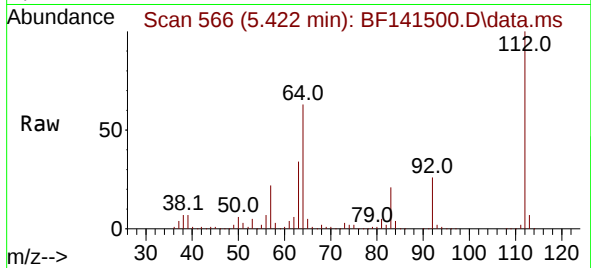




#5
2-Fluorophenol
Concen: 138.747 ng
RT: 5.422 min Scan# 500
Delta R.T. 0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

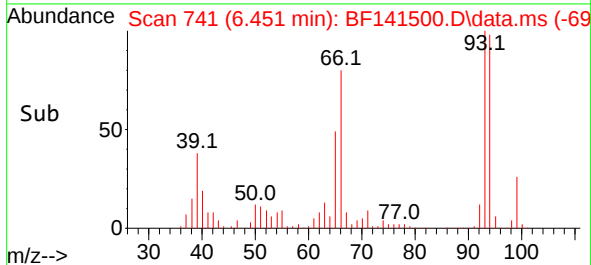
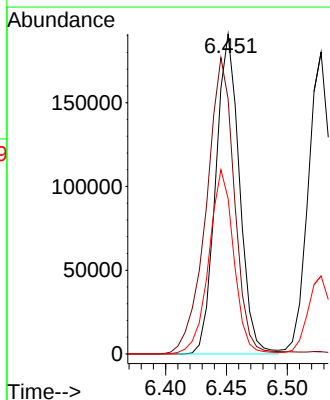
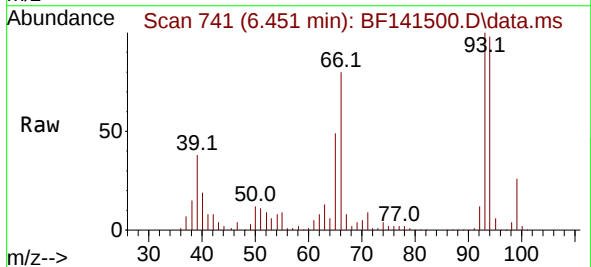
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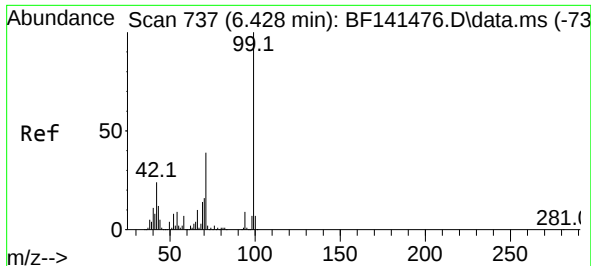
Tgt Ion:112 Resp: 755047
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 33.9 28.4 42.6



#6
Aniline
Concen: 40.115 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion: 93 Resp: 258819
Ion Ratio Lower Upper
93 100
66 79.7 62.6 94.0
65 48.5 38.3 57.5

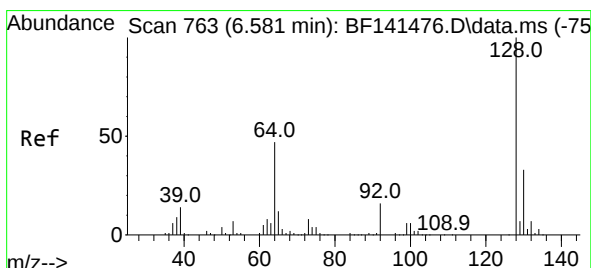
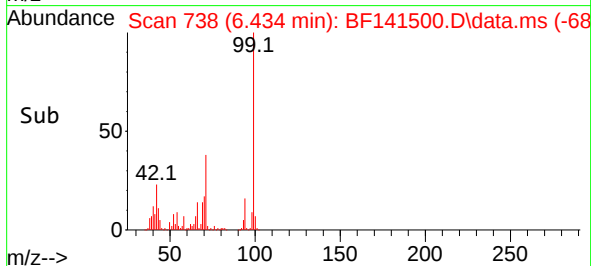
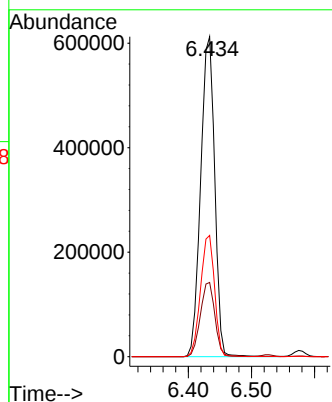
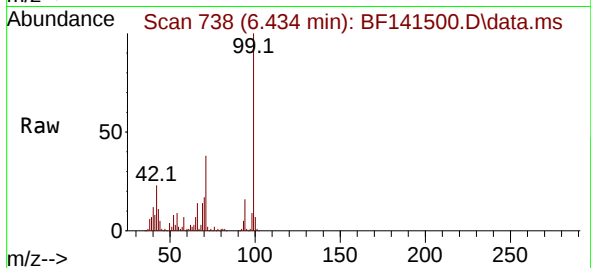




#7
Phenol-d6
Concen: 137.129 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

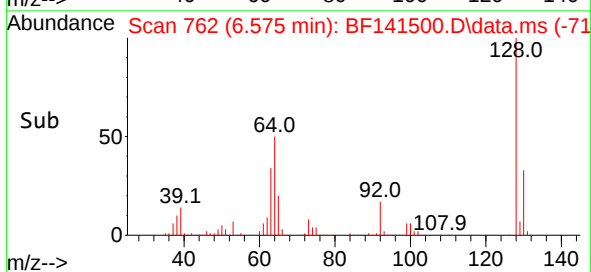
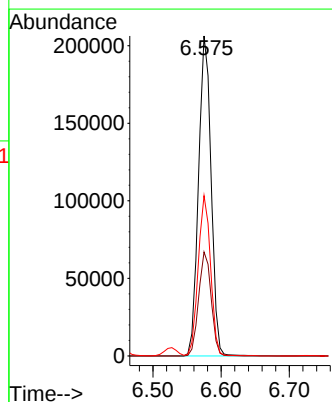
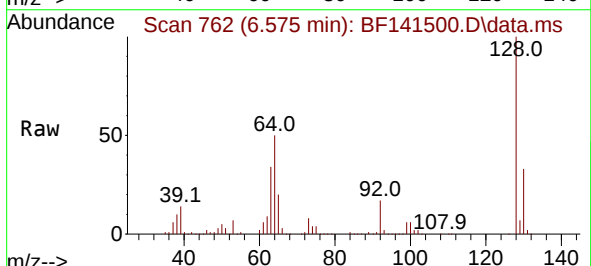
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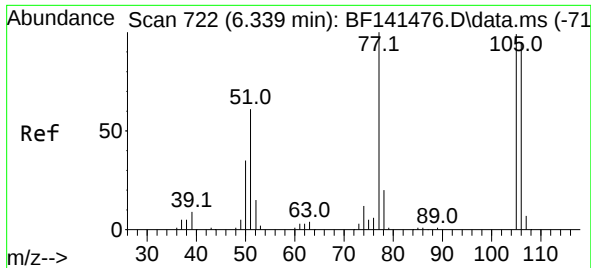
Tgt Ion: 99 Resp: 943189
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 37.9 31.1 46.7



#8
2-Chlorophenol
Concen: 44.797 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:128 Resp: 263414
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 50.1 28.3 68.3

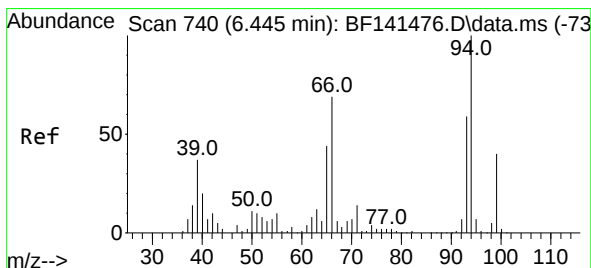
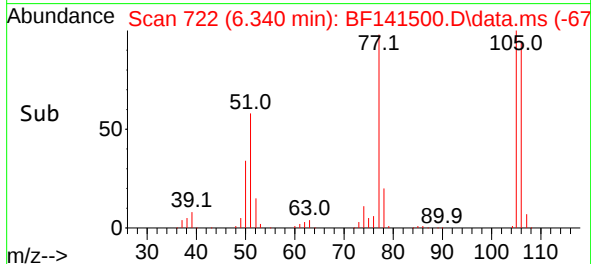
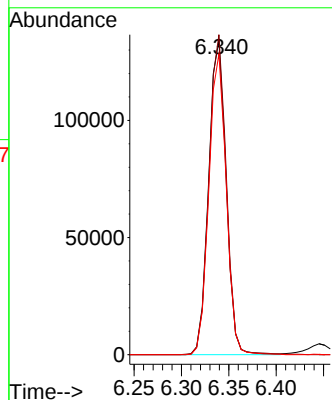
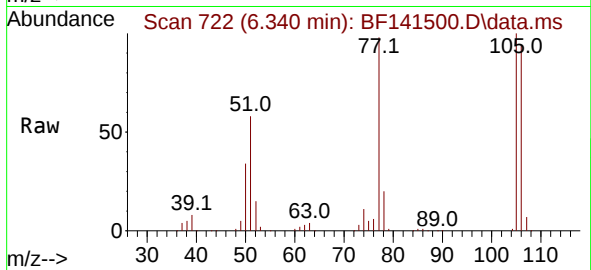




#9
Benzaldehyde
Concen: 46.949 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

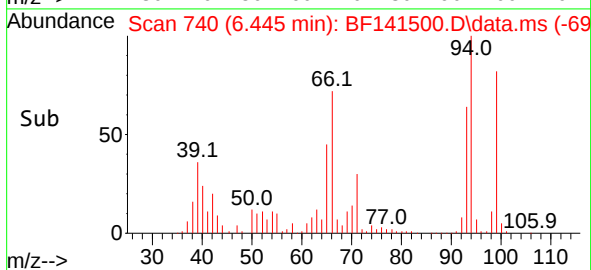
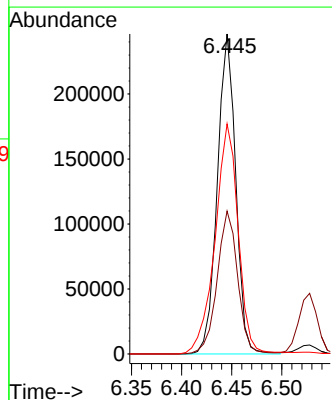
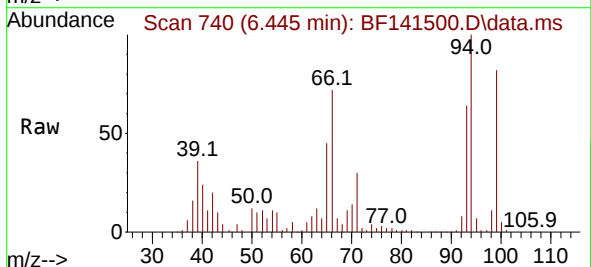
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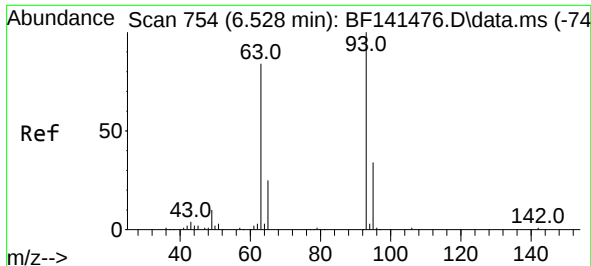
Tgt Ion: 77 Resp: 171599
Ion Ratio Lower Upper
77 100
105 101.9 79.4 119.4
106 95.7 75.1 115.1



#10
Phenol
Concen: 43.829 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion: 94 Resp: 313761
Ion Ratio Lower Upper
94 100
65 44.6 23.7 63.7
66 71.9 49.3 89.3

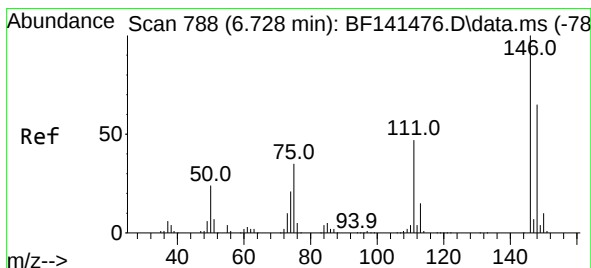
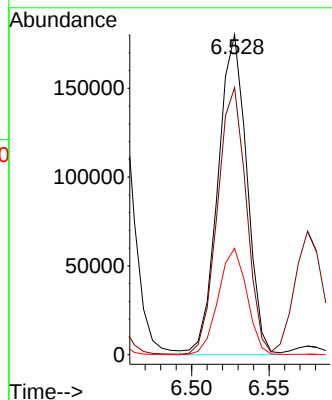
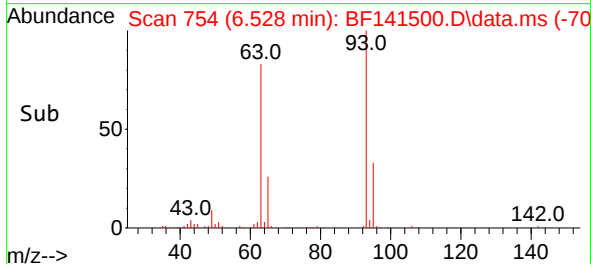
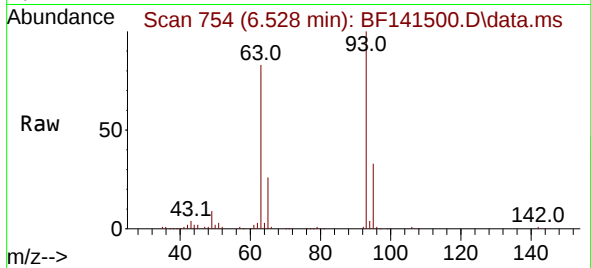




#11
bis(2-Chloroethyl)ether
Concen: 43.477 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

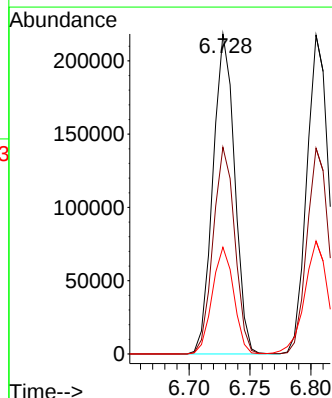
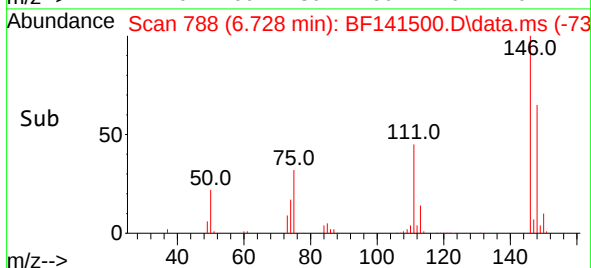
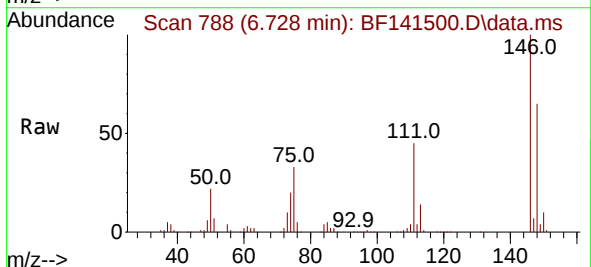
Instrument :
BNA_F
ClientSampleId :
PB166563BS

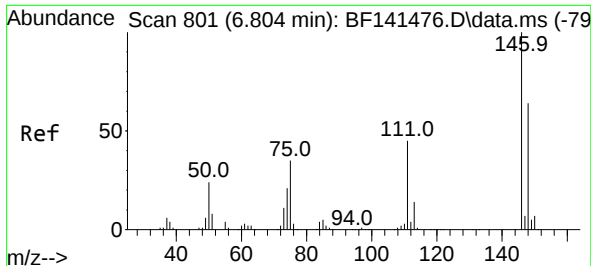
Tgt Ion: 93 Resp: 233775
Ion Ratio Lower Upper
93 100
63 83.4 62.0 102.0
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.575 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:146 Resp: 270506
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 33.3 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.629 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

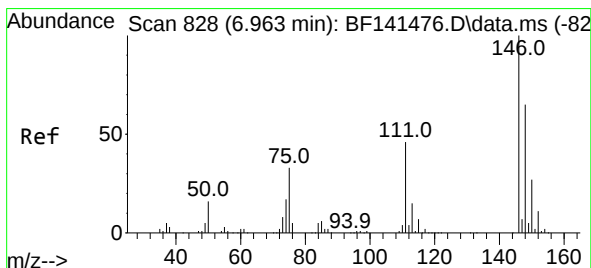
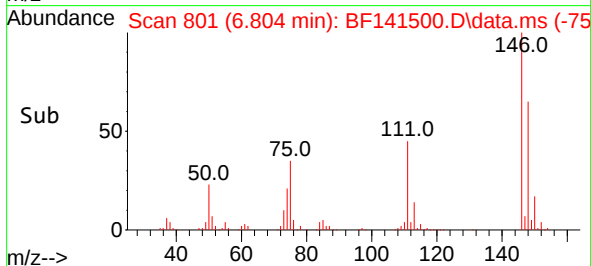
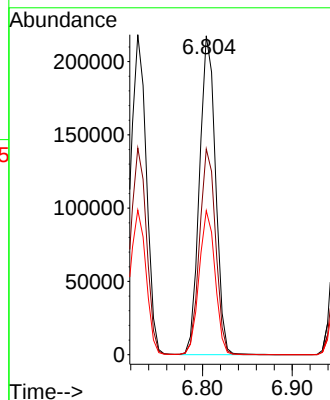
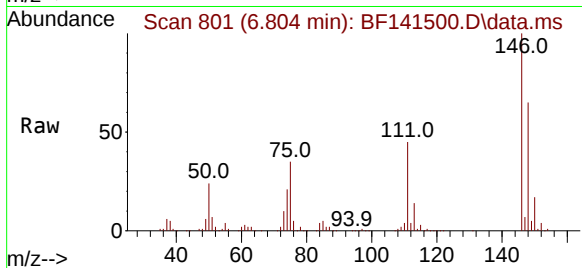
Tgt Ion:146 Resp: 270379

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

111 45.2 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.422 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

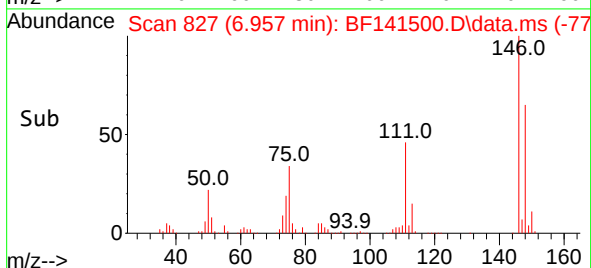
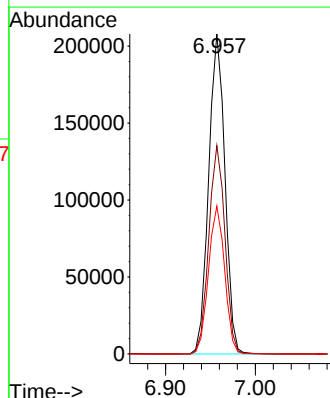
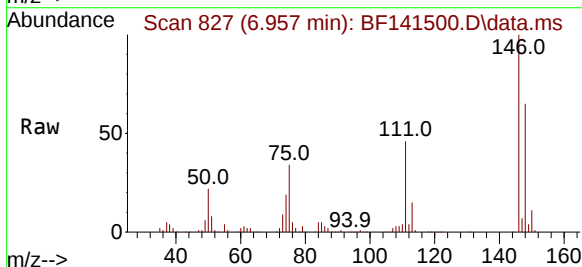
Tgt Ion:146 Resp: 261500

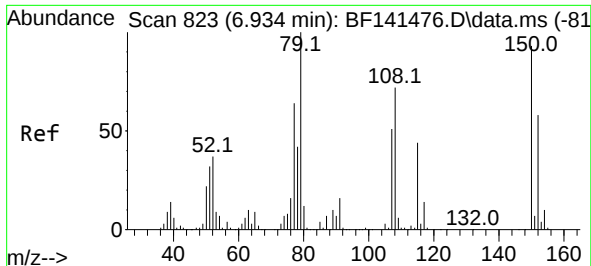
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

111 46.2 37.0 55.4

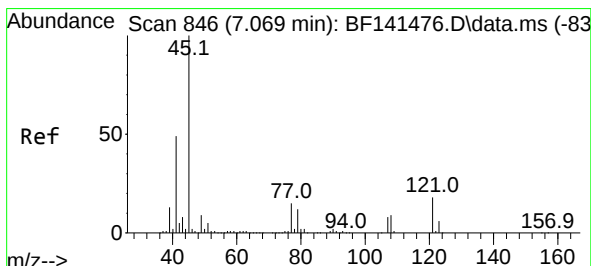
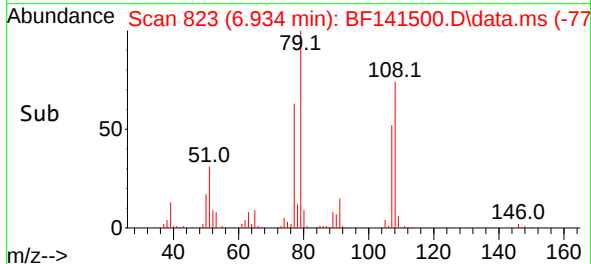
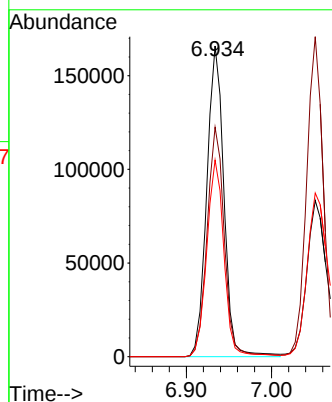
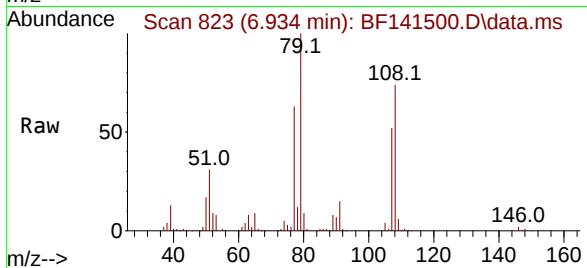




#15
Benzyl Alcohol
Concen: 43.834 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

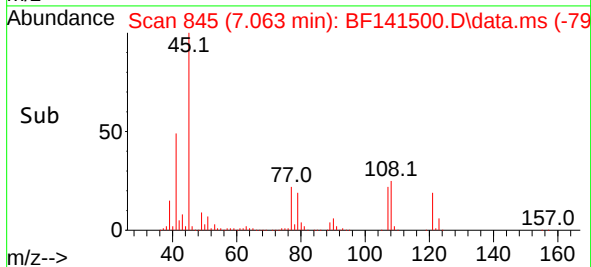
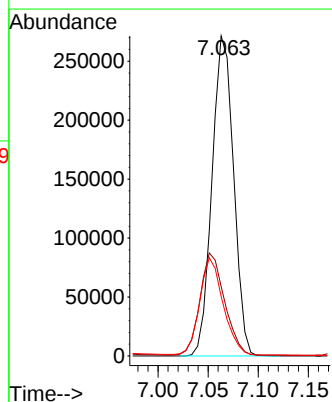
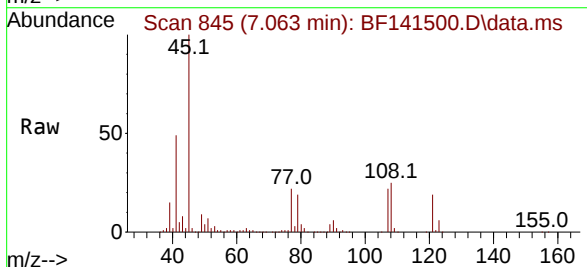
Instrument :
BNA_F
ClientSampleId :
PB166563BS

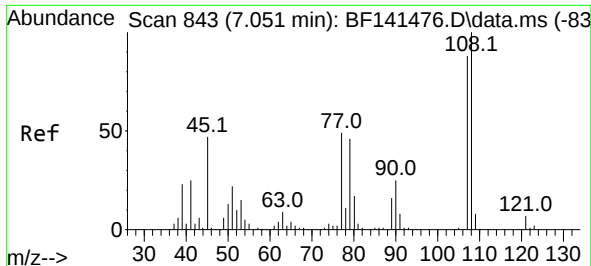
Tgt Ion: 79 Resp: 231204
Ion Ratio Lower Upper
79 100
108 73.8 57.4 86.2
77 63.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.020 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion: 45 Resp: 405181
Ion Ratio Lower Upper
45 100
77 21.7 0.0 35.8
79 18.6 0.0 32.7

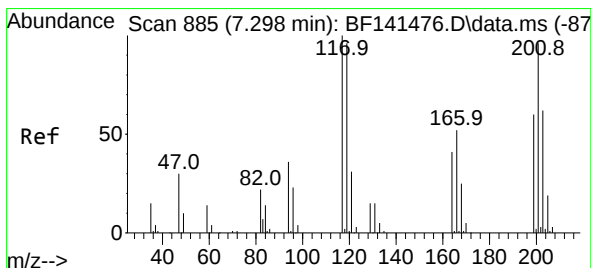
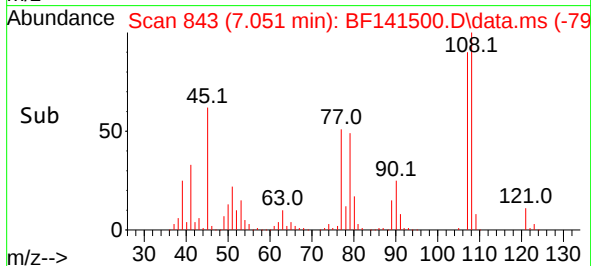
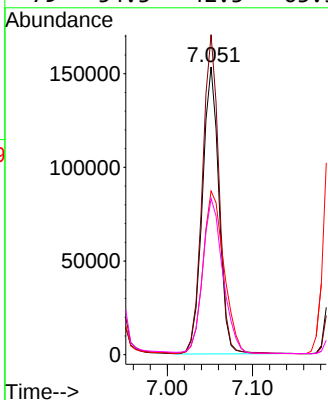
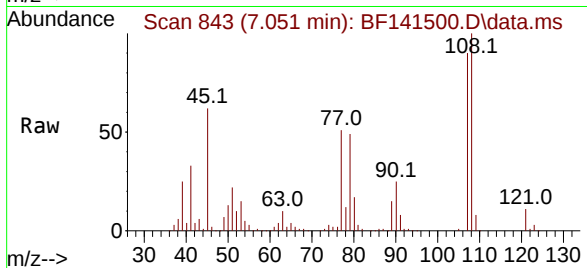




#17
2-Methylphenol
Concen: 44.942 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

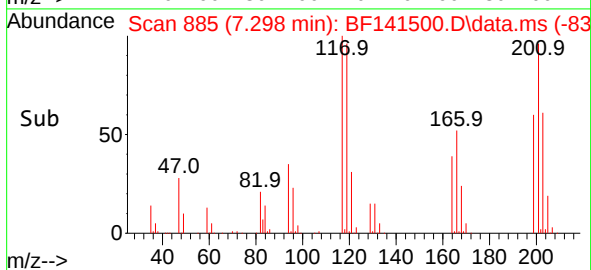
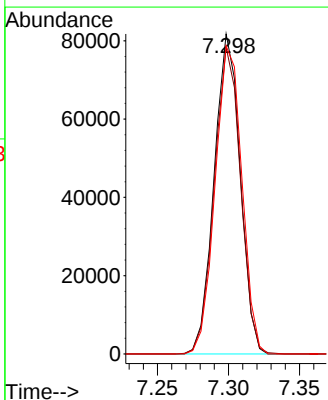
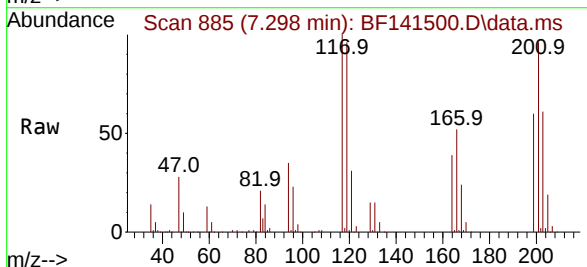
Instrument :
BNA_F
ClientSampleId :
PB166563BS

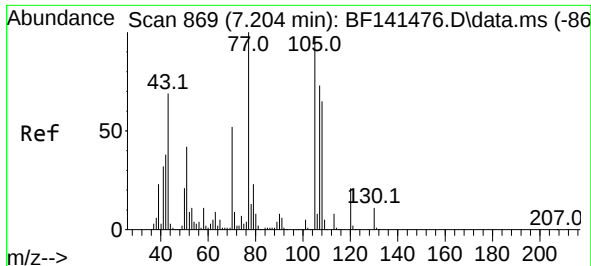
Tgt Ion:	107	Resp:	206807
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.6	136.0
77	56.9	44.4	66.6
79	54.3	42.3	63.5



#18
Hexachloroethane
Concen: 44.386 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:	117	Resp:	104189
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	96.3	76.7	115.1

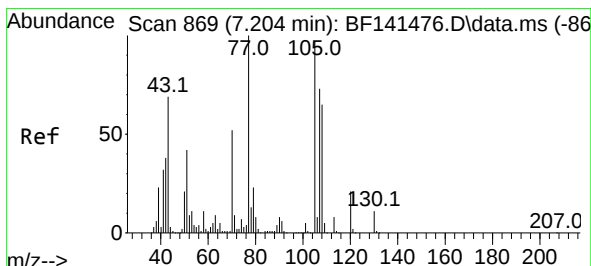
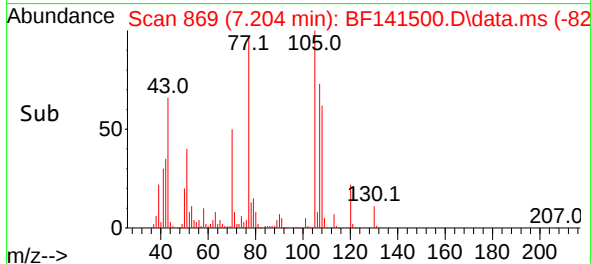
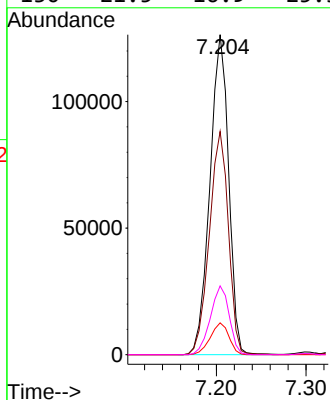
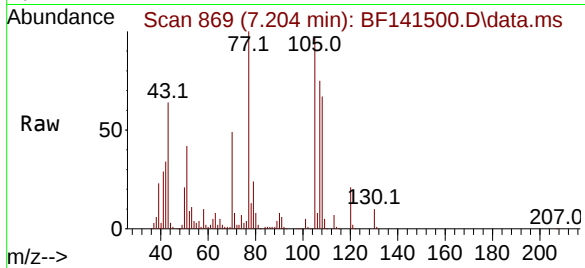




#19
n-Nitroso-di-n-propylamine
Concen: 44.487 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

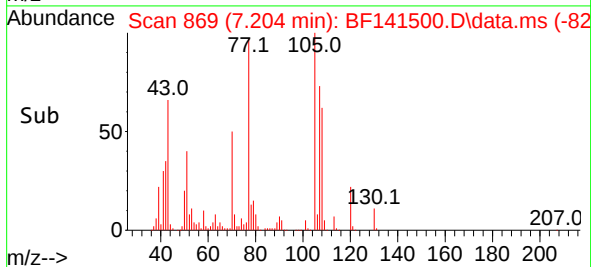
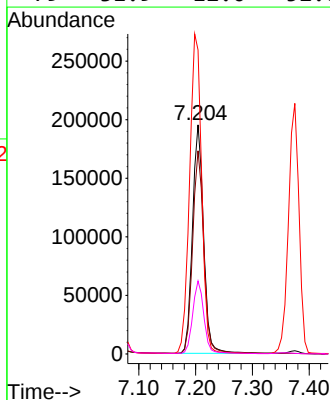
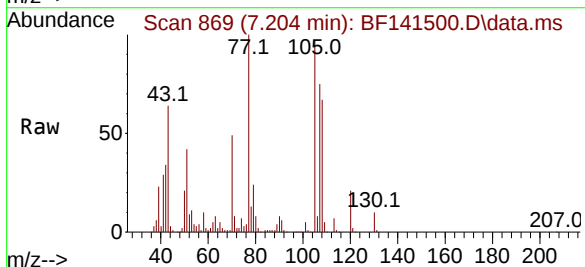
Instrument :
BNA_F
ClientSampleId :
PB166563BS

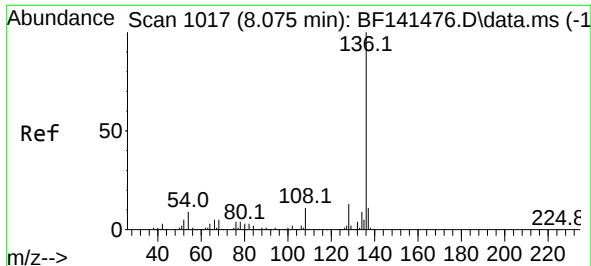
Tgt Ion: 70 Resp: 183031
Ion Ratio Lower Upper
70 100
42 69.8 57.4 86.2
101 10.0 8.0 12.0
130 21.5 16.9 25.3



#20
3+4-Methylphenols
Concen: 45.664 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion: 107 Resp: 267044
Ion Ratio Lower Upper
107 100
108 88.7 68.5 108.5
77 132.7 116.5 156.5
79 31.9 12.0 52.0

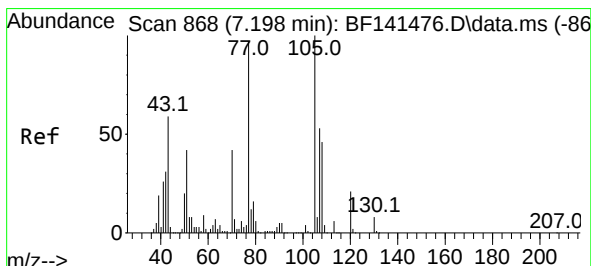
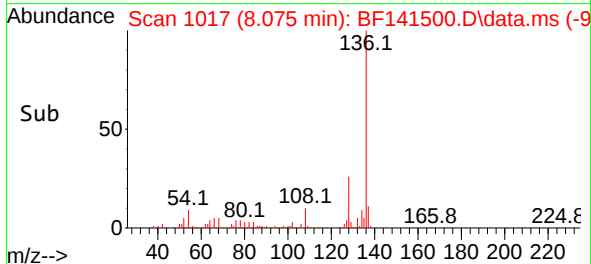
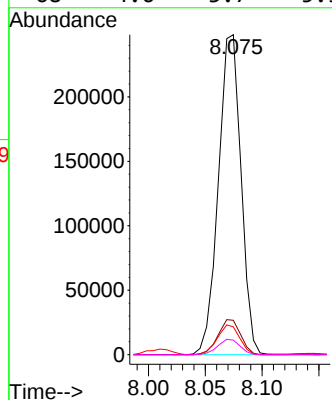
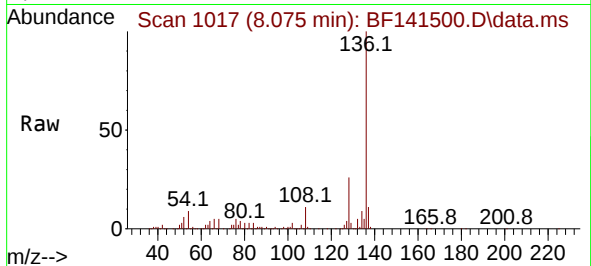




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

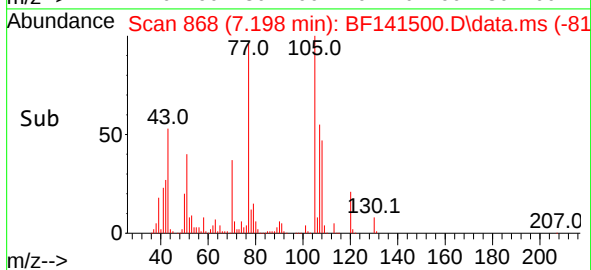
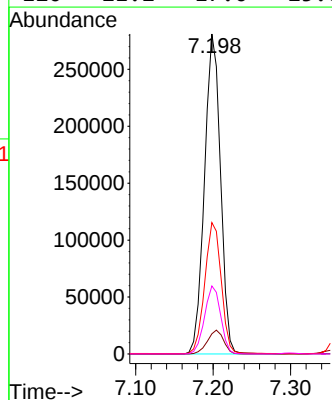
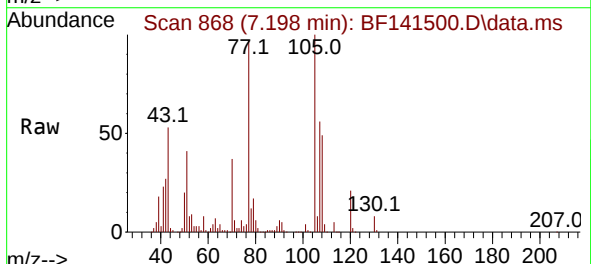
Instrument :
BNA_F
ClientSampleId :
PB166563BS

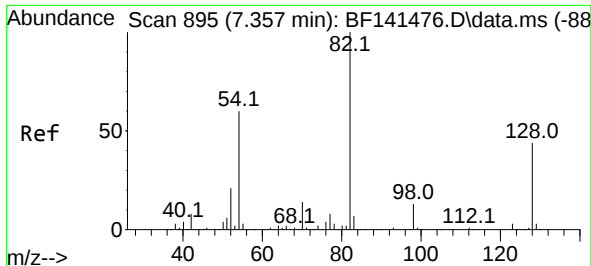
Tgt Ion:	136	Resp:	344212
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.7	7.2	10.8
68	4.6	3.7	5.5



#22
Acetophenone
Concen: 47.128 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:	105	Resp:	403531
Ion Ratio	Lower	Upper	
105	100		
71	6.3	5.7	8.5
51	41.1	33.7	50.5
120	21.2	17.0	25.6

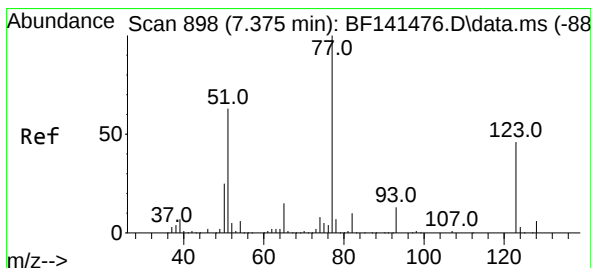
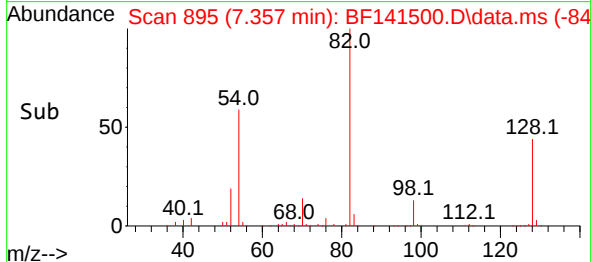
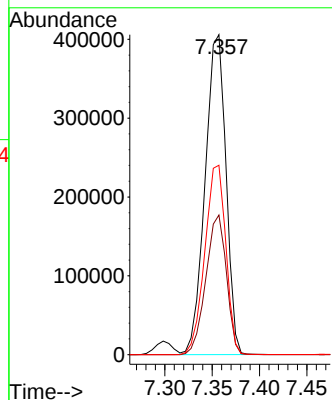
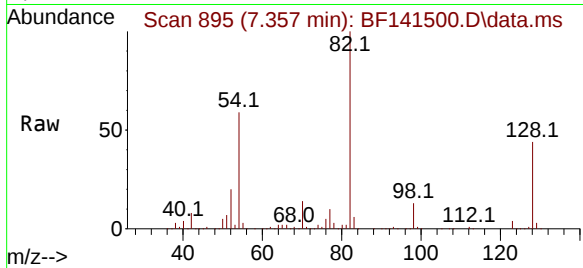




#23
Nitrobenzene-d5
Concen: 94.172 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

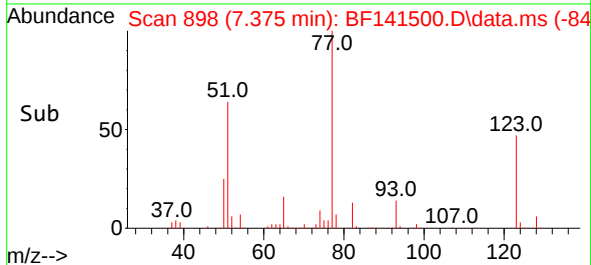
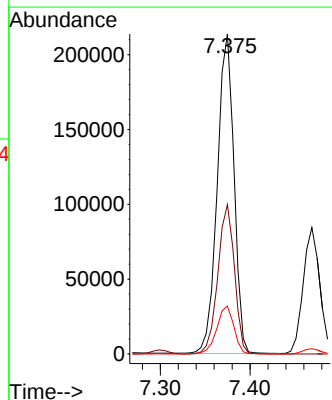
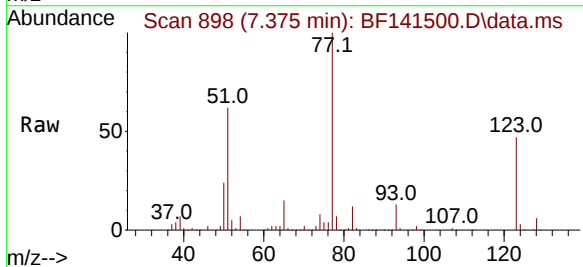
Instrument :
BNA_F
ClientSampleId :
PB166563BS

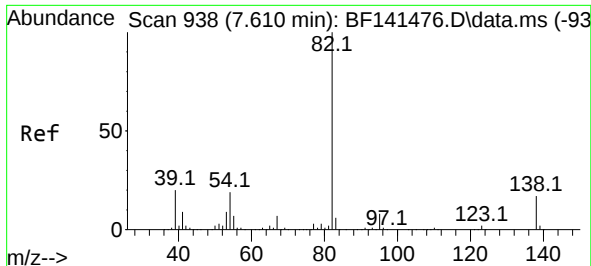
Tgt Ion: 82 Resp: 621479
Ion Ratio Lower Upper
82 100
128 43.6 34.8 52.2
54 59.2 48.2 72.4



#24
Nitrobenzene
Concen: 42.926 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion: 77 Resp: 276236
Ion Ratio Lower Upper
77 100
123 46.7 36.9 55.3
65 15.0 11.9 17.9

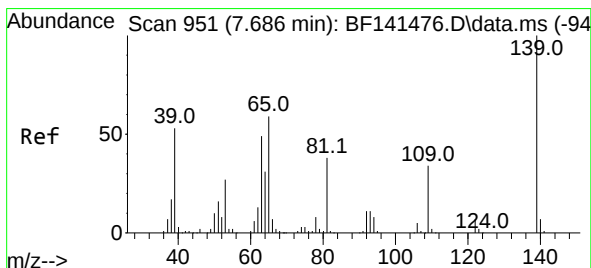
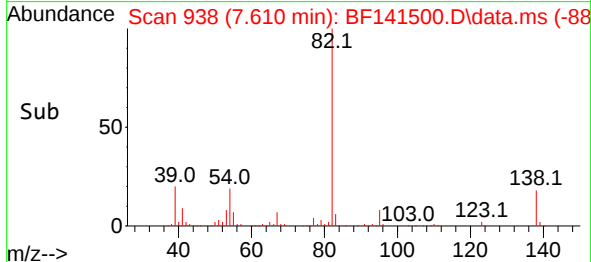
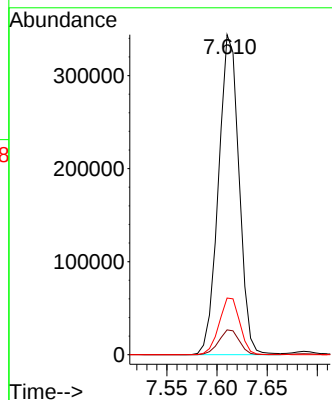
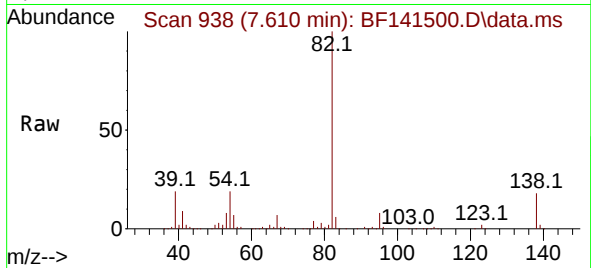




#25
Isophorone
Concen: 46.536 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

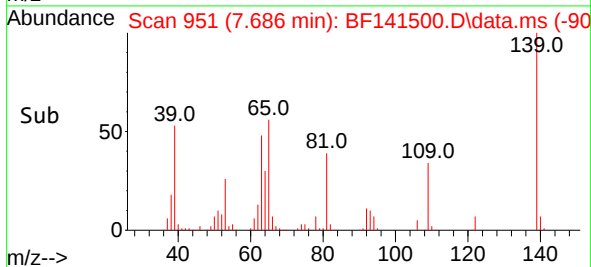
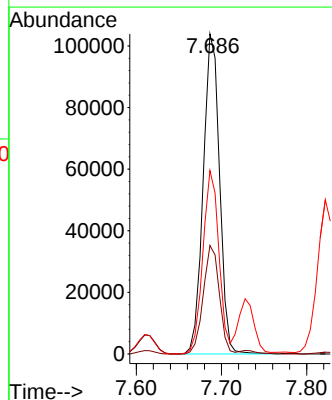
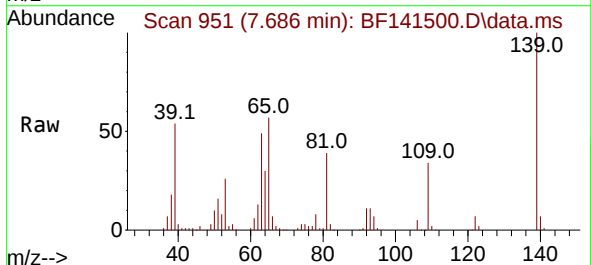
Instrument :
BNA_F
ClientSampleId :
PB166563BS

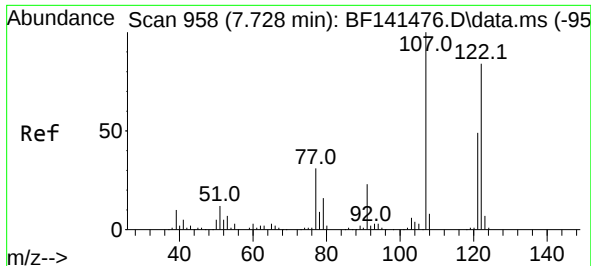
Tgt Ion: 82 Resp: 489678
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 43.310 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:139 Resp: 138662
Ion Ratio Lower Upper
139 100
109 33.9 27.0 40.6
65 57.3 47.1 70.7

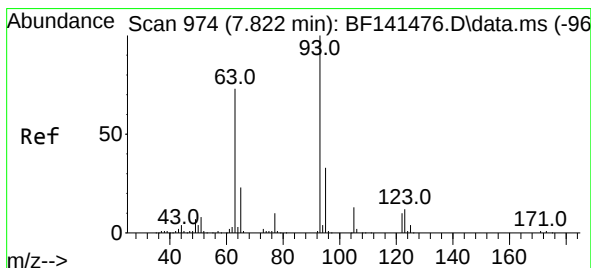
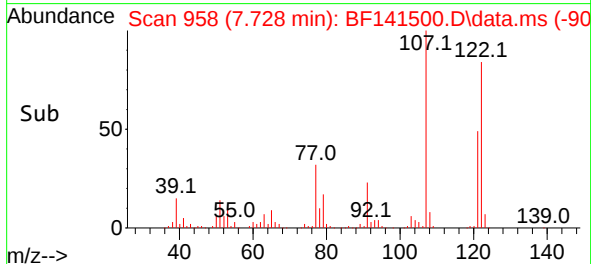
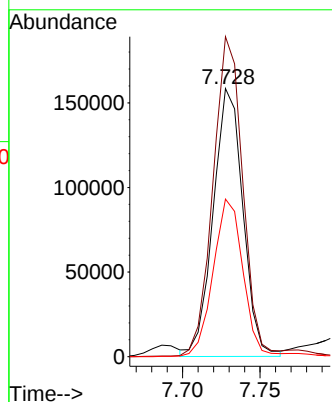
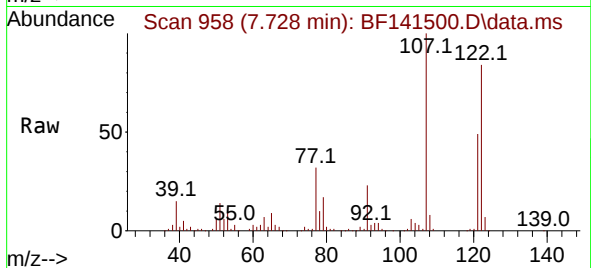




#27
2,4-Dimethylphenol
Concen: 56.544 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

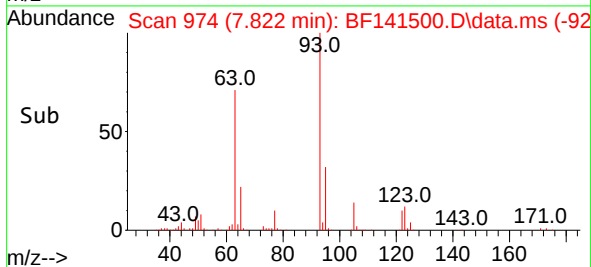
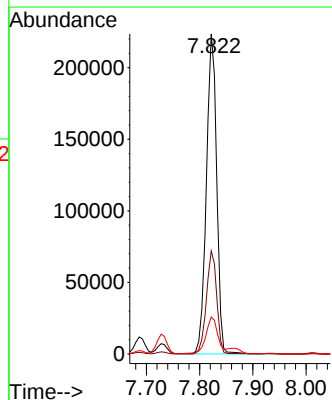
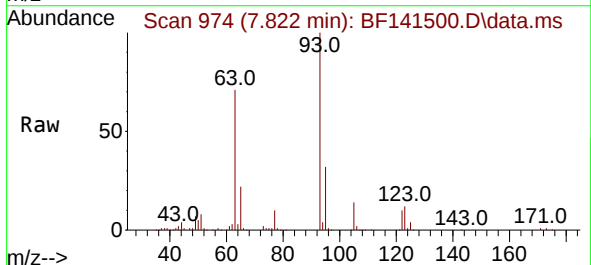
Instrument :
BNA_F
ClientSampleId :
PB166563BS

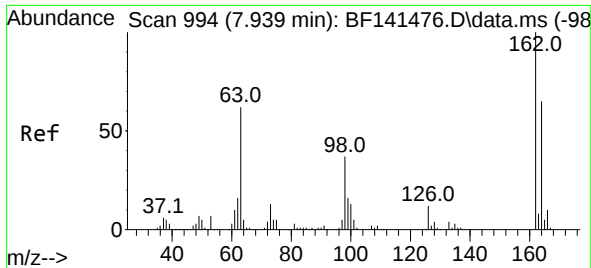
Tgt Ion:122 Resp: 211487
Ion Ratio Lower Upper
122 100
107 119.3 94.3 141.5
121 58.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.484 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion: 93 Resp: 299943
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.982 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

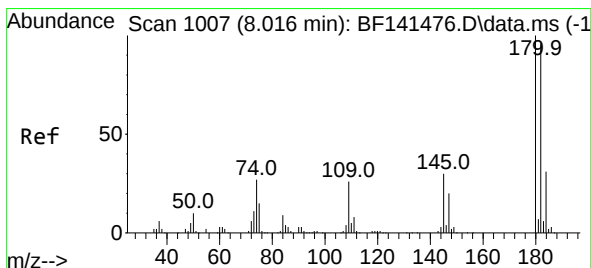
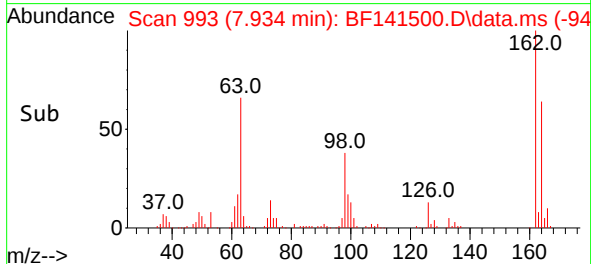
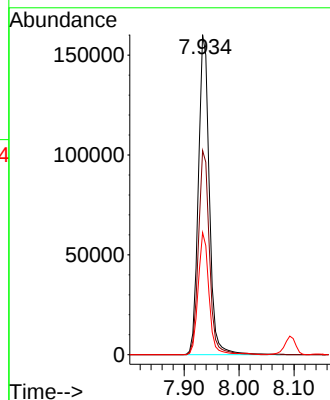
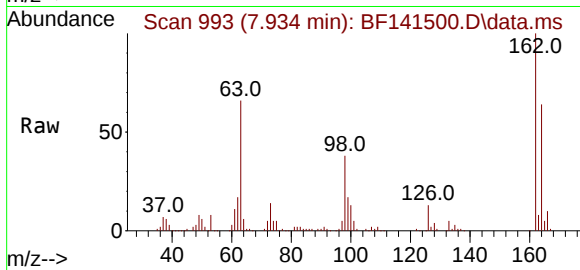
Tgt Ion:162 Resp: 222265

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

98 38.1 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 42.227 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

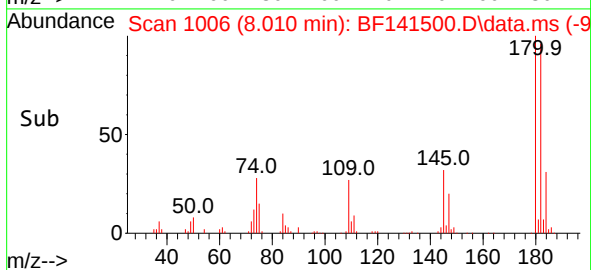
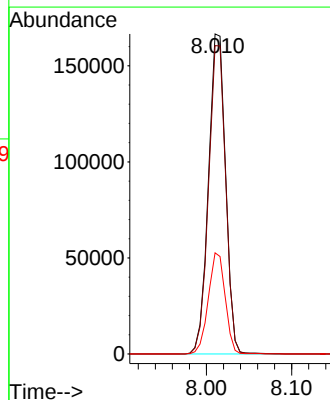
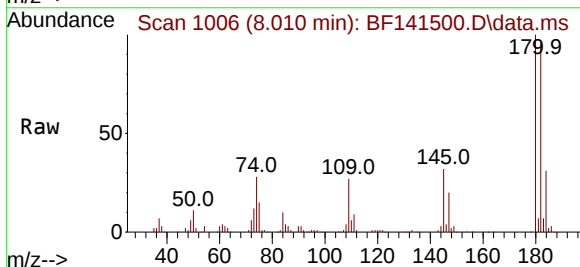
Tgt Ion:180 Resp: 232379

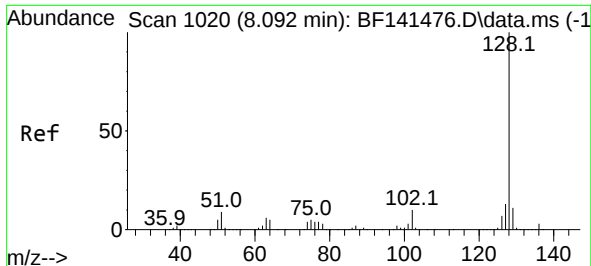
Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

145 31.6 24.2 36.4

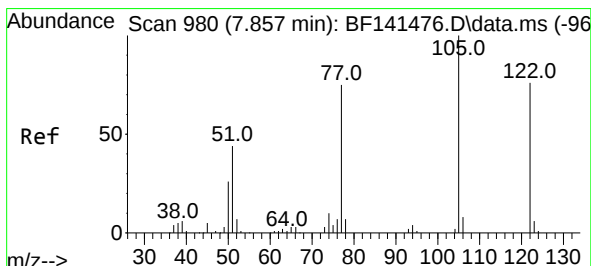
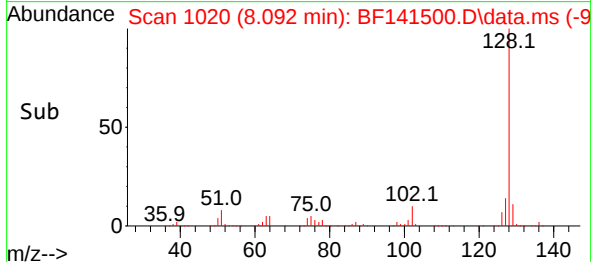
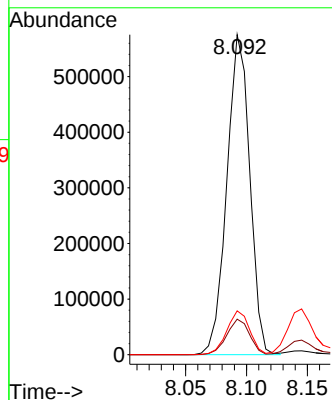
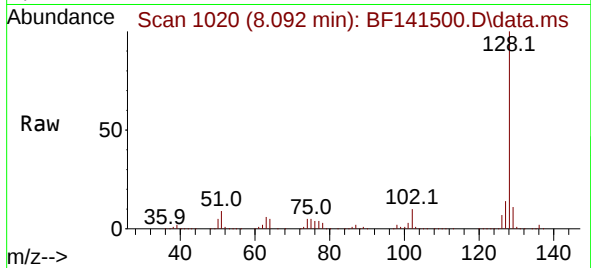




#31
Naphthalene
Concen: 42.083 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

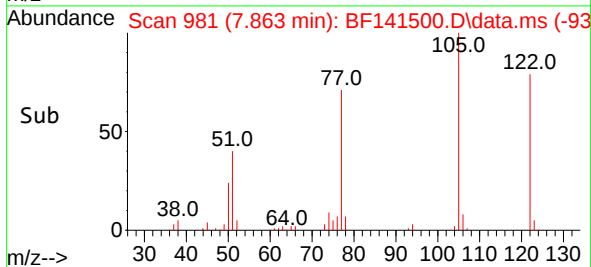
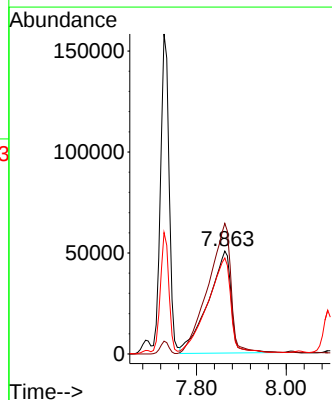
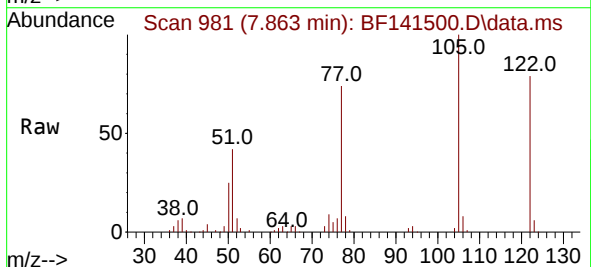
Instrument :
BNA_F
ClientSampleId :
PB166563BS

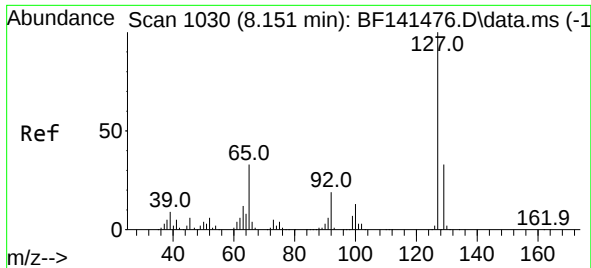
Tgt Ion:128 Resp: 754018
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.7 10.7 16.1



#32
Benzoic acid
Concen: 46.499 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:122 Resp: 180648
Ion Ratio Lower Upper
122 100
105 126.9 106.5 146.5
77 93.4 76.3 116.3

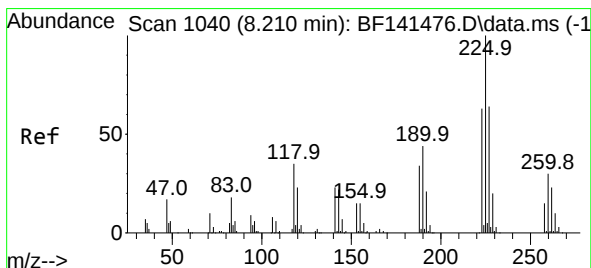
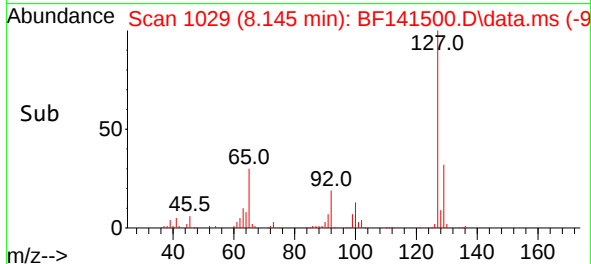
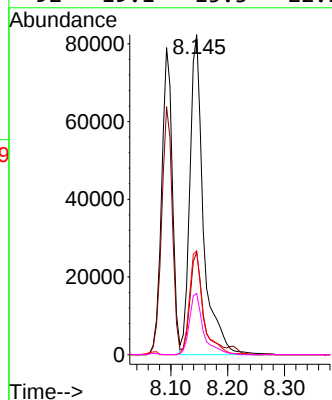
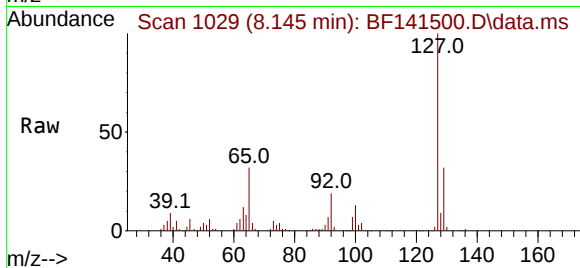




#33
4-Chloroaniline
Concen: 21.953 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

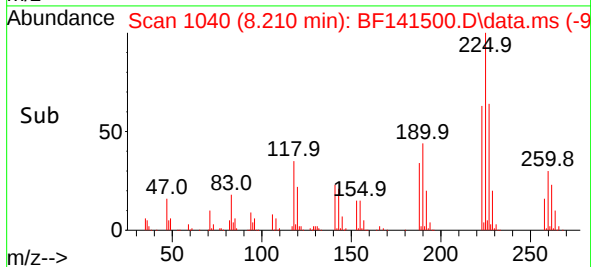
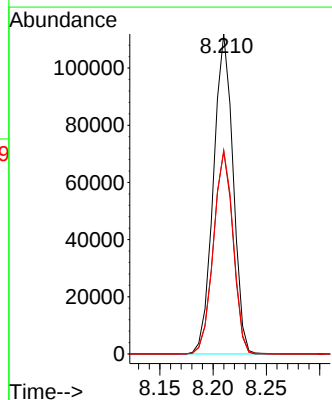
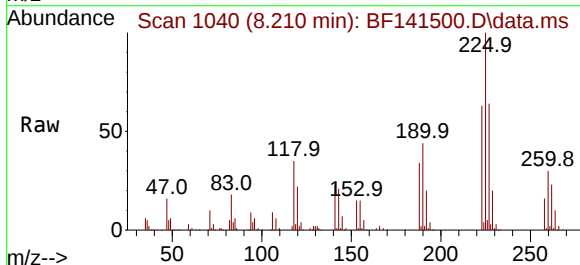
Instrument :
BNA_F
ClientSampleId :
PB166563BS

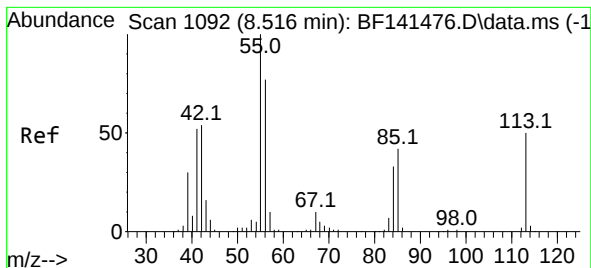
Tgt Ion:127	Resp: 137331
Ion Ratio	Lower Upper
127 100	
129 32.0	26.5 39.7
65 32.5	26.4 39.6
92 19.1	15.3 22.9



#34
Hexachlorobutadiene
Concen: 43.436 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:225	Resp: 143503
Ion Ratio	Lower Upper
225 100	
223 63.3	50.1 75.1
227 63.7	51.0 76.6





#35

Caprolactam

Concen: 21.429 ng

RT: 8.563 min Scan# 1100

Delta R.T. 0.018 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

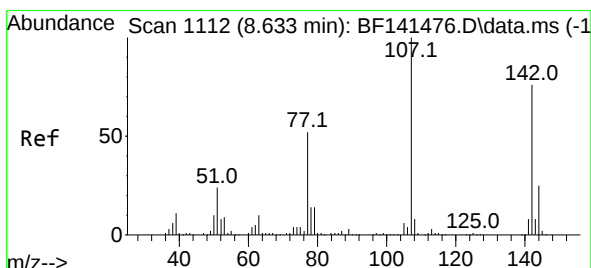
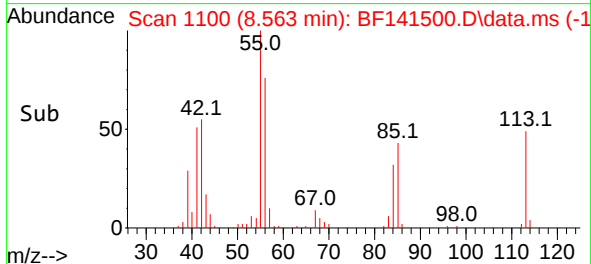
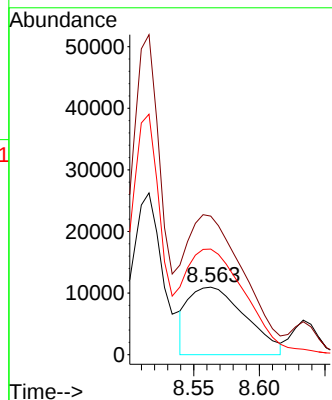
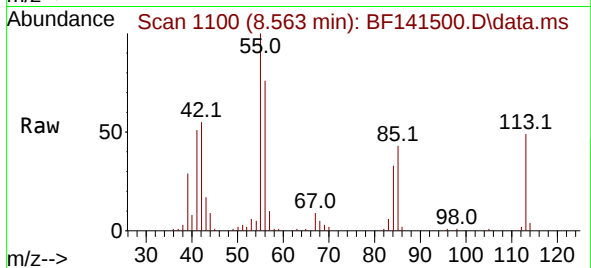
Tgt Ion:113 Resp: 32972

Ion Ratio Lower Upper

113 100

55 205.0 180.8 220.8

56 156.2 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 44.350 ng

RT: 8.633 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

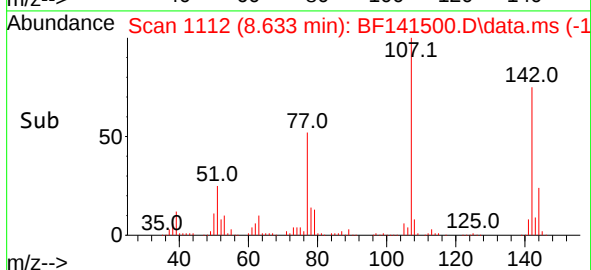
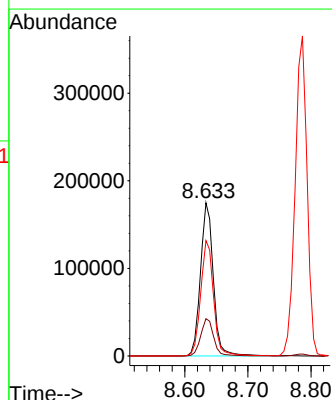
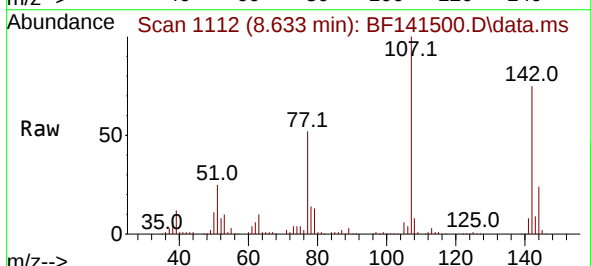
Tgt Ion:107 Resp: 248264

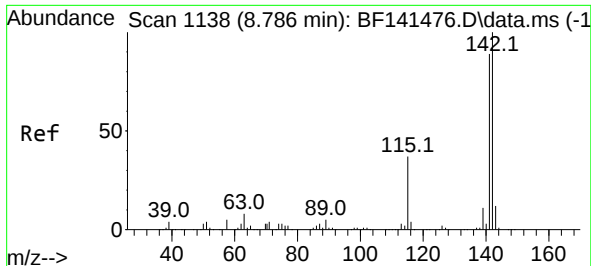
Ion Ratio Lower Upper

107 100

144 24.4 19.7 29.5

142 75.3 60.8 91.2

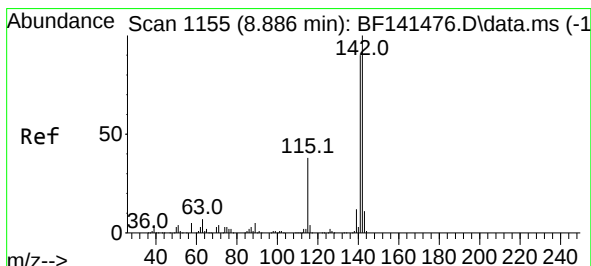
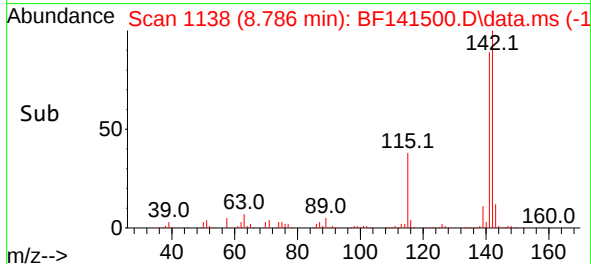
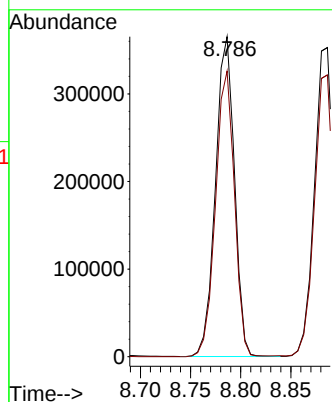
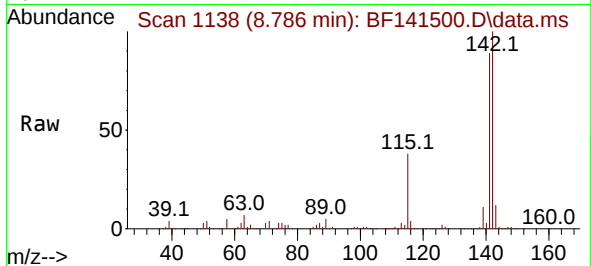




#37
2-Methylnaphthalene
Concen: 41.089 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

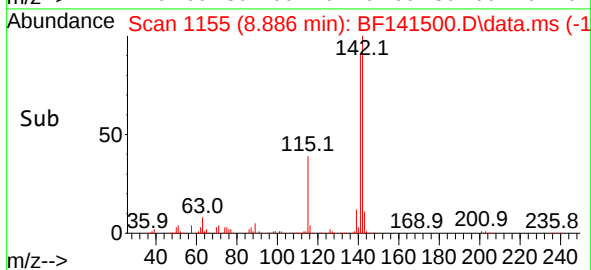
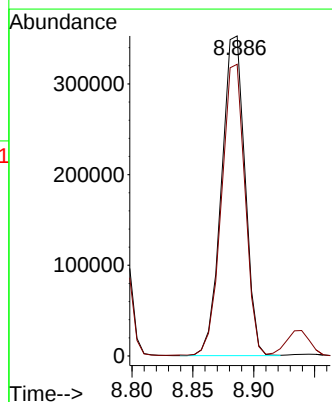
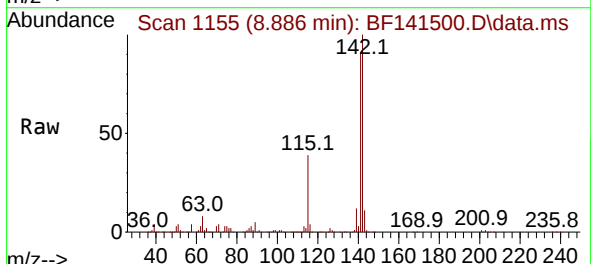
Instrument :
BNA_F
ClientSampleId :
PB166563BS

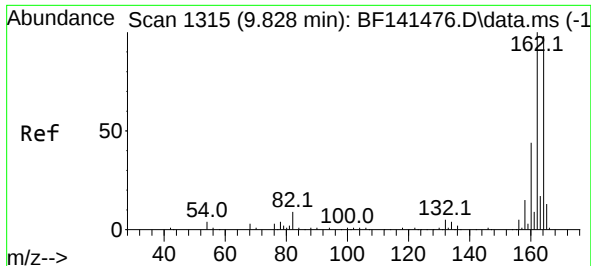
Tgt Ion:142 Resp: 479084
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8



#38
1-Methylnaphthalene
Concen: 41.907 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:142 Resp: 473237
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

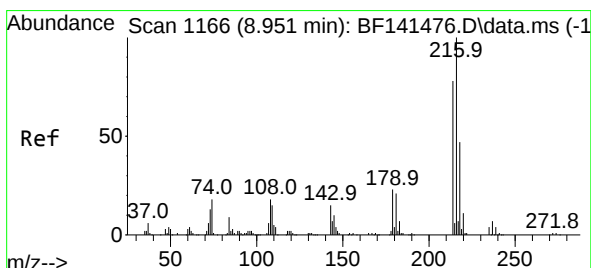
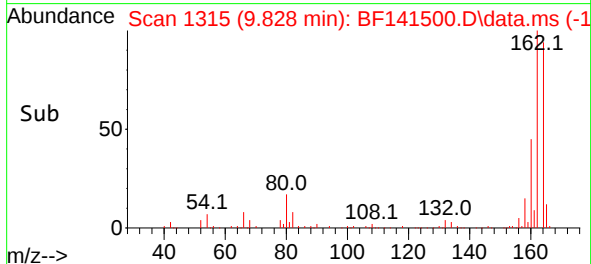
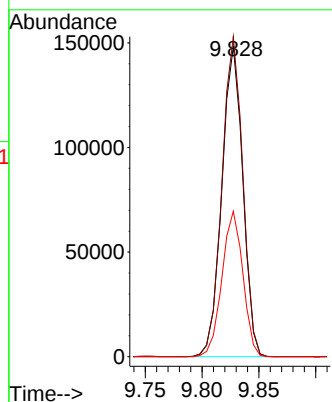
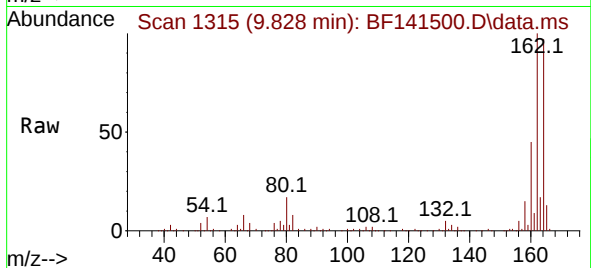
Tgt Ion:164 Resp: 189959

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

160 46.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.758 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Tgt Ion:216 Resp: 262467

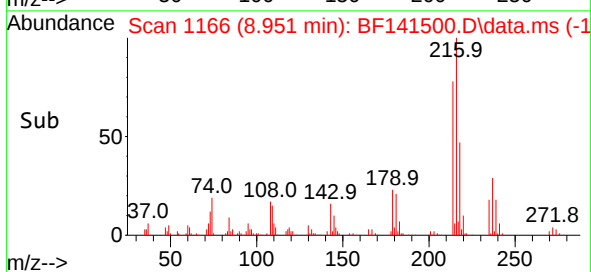
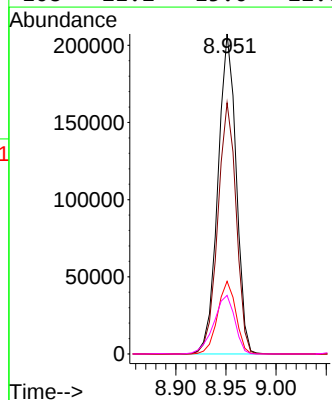
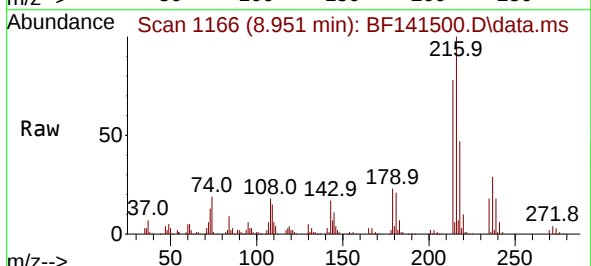
Ion Ratio Lower Upper

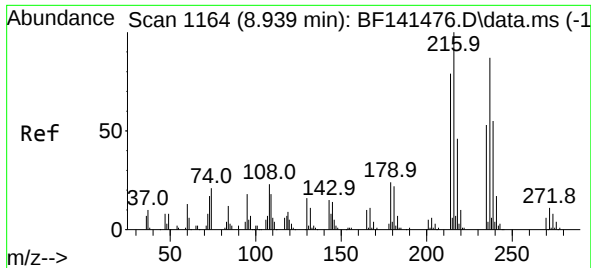
216 100

214 78.6 62.3 93.5

179 22.6 18.0 27.0

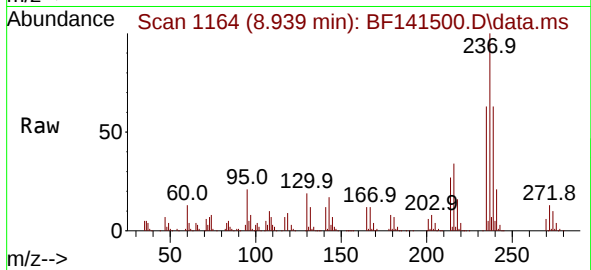
108 21.2 15.0 22.6



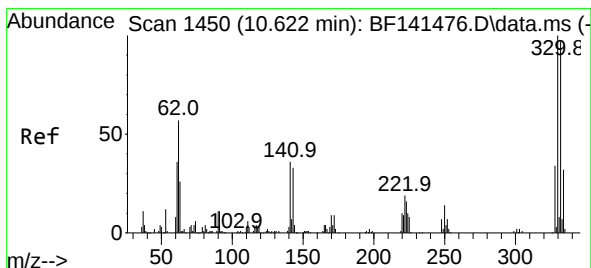
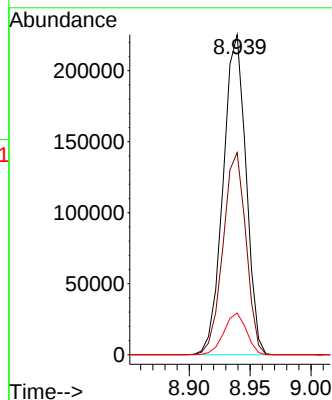
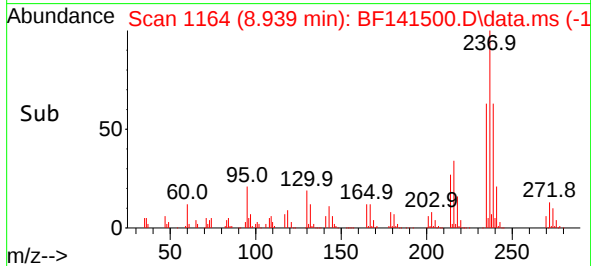


#41
Hexachlorocyclopentadiene
Concen: 161.168 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

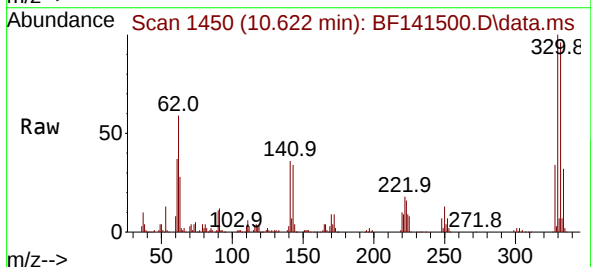
Instrument :
BNA_F
ClientSampleId :
PB166563BS



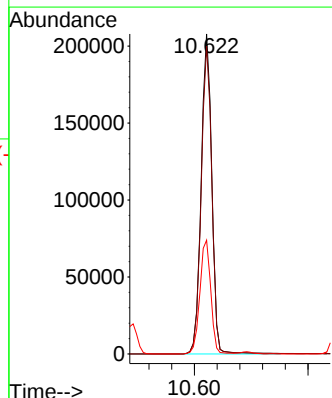
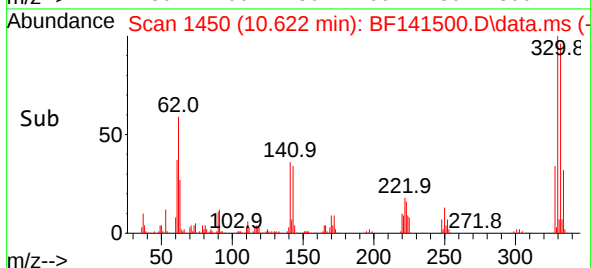
Tgt Ion:237 Resp: 294603
Ion Ratio Lower Upper
237 100
235 63.2 41.4 81.4
272 13.0 0.0 32.4

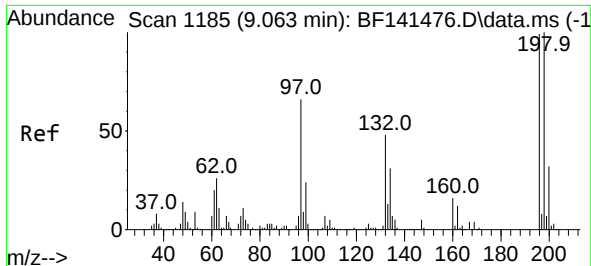


#42
2,4,6-Tribromophenol
Concen: 141.921 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40



Tgt Ion:330 Resp: 270817
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 36.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.117 ng

RT: 9.069 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

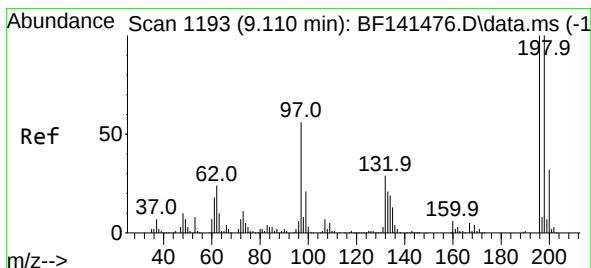
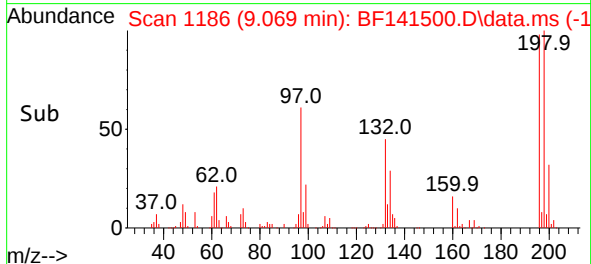
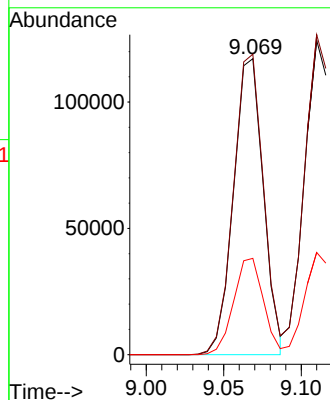
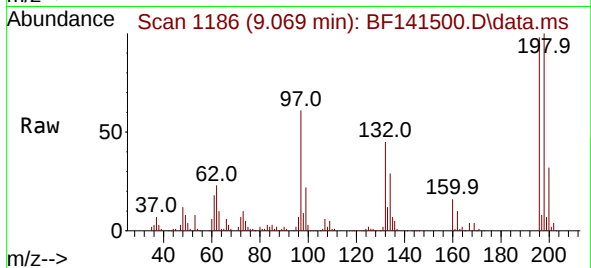
Tgt Ion:196 Resp: 156703

Ion Ratio Lower Upper

196 100

198 101.6 80.6 121.0

200 32.6 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 44.230 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Tgt Ion:196 Resp: 170264

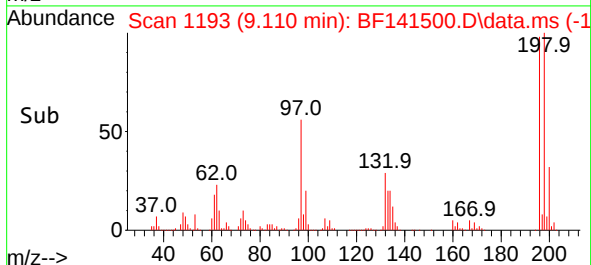
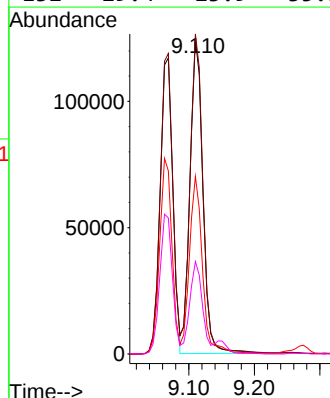
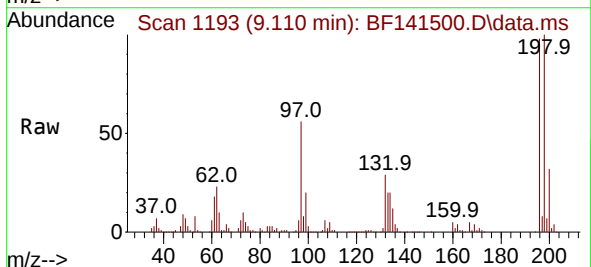
Ion Ratio Lower Upper

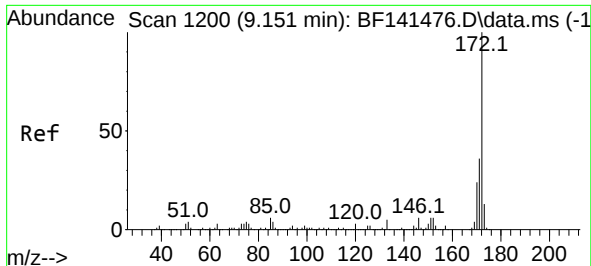
196 100

198 101.8 79.8 119.8

97 56.5 44.8 67.2

132 29.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 94.671 ng

RT: 9.151 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

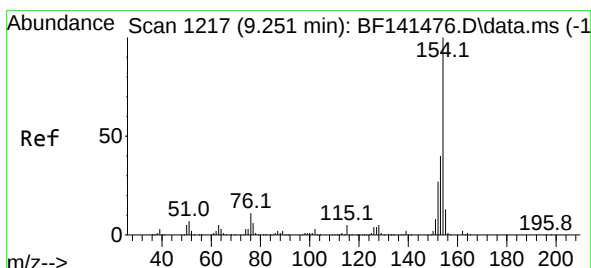
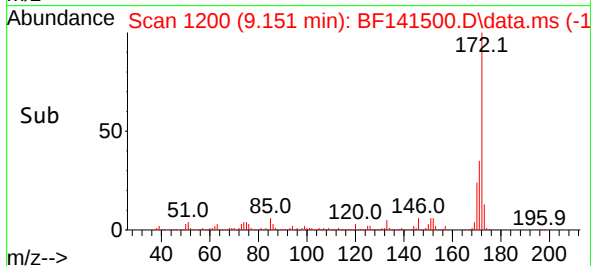
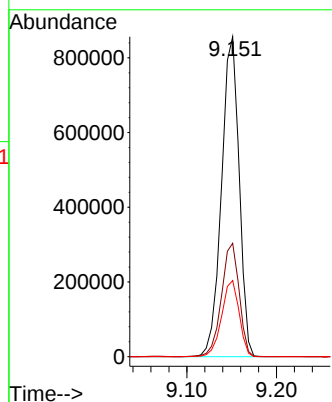
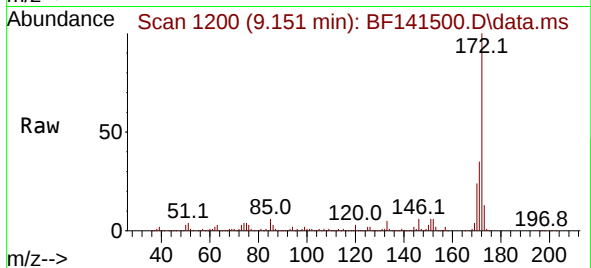
Tgt Ion:172 Resp: 1167278

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 47.968 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

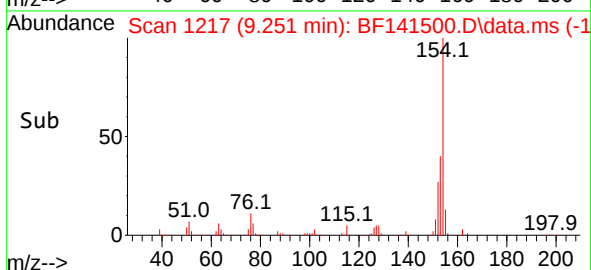
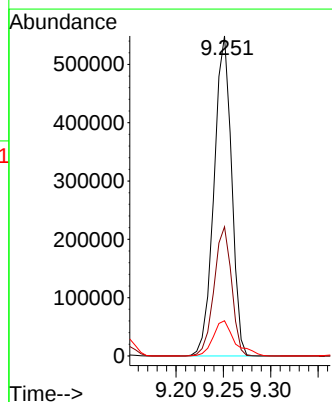
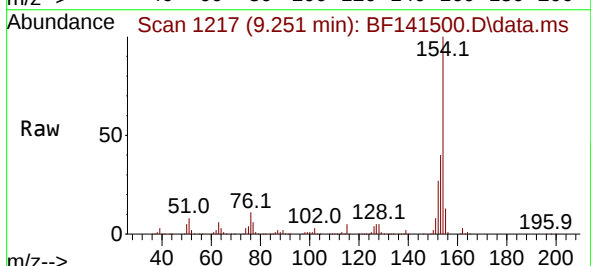
Tgt Ion:154 Resp: 706435

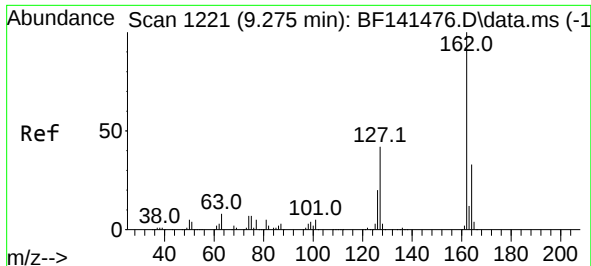
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.0 0.0 30.8

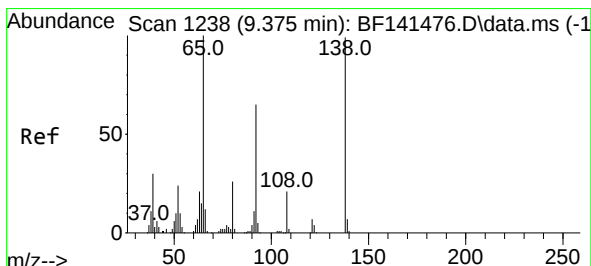
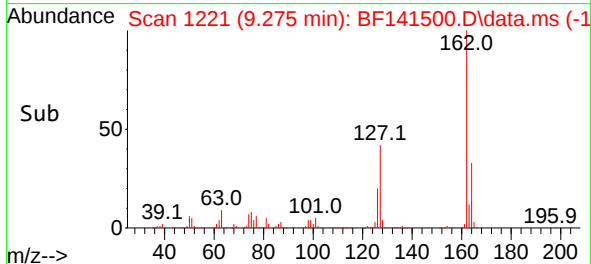
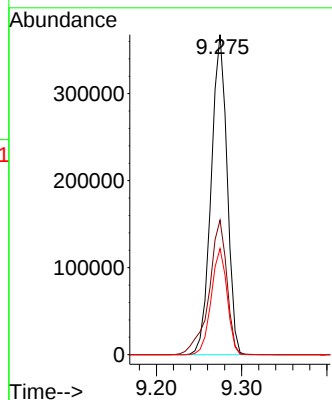
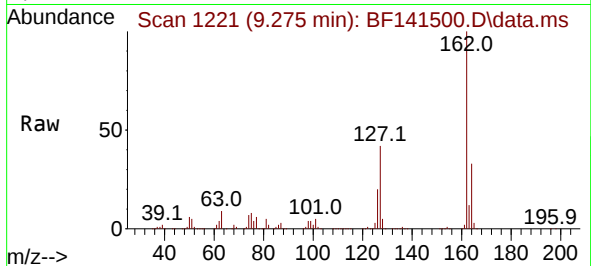




#47
2-Chloronaphthalene
Concen: 43.927 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

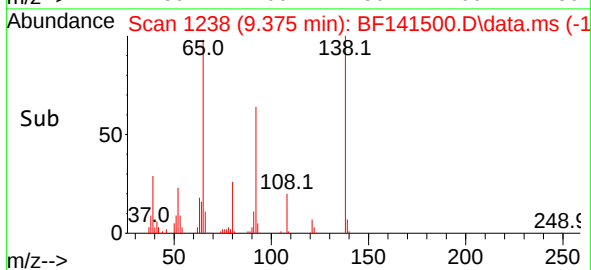
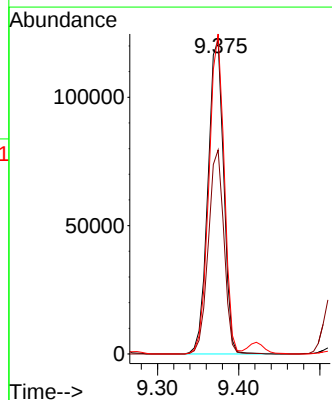
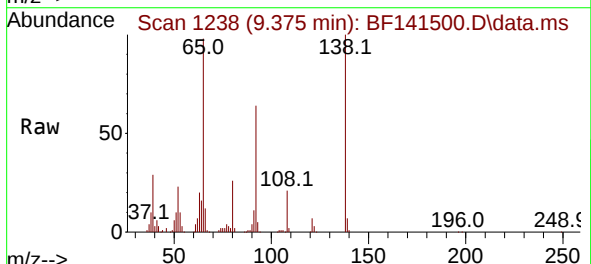
Instrument :
BNA_F
ClientSampleId :
PB166563BS

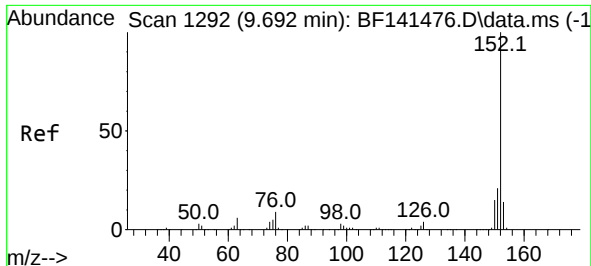
Tgt Ion:162 Resp: 478373
Ion Ratio Lower Upper
162 100
127 42.0 34.1 51.1
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 45.028 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion: 65 Resp: 164567
Ion Ratio Lower Upper
65 100
92 65.1 52.2 78.2
138 102.1 79.5 119.3





#49

Acenaphthylene

Concen: 46.212 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

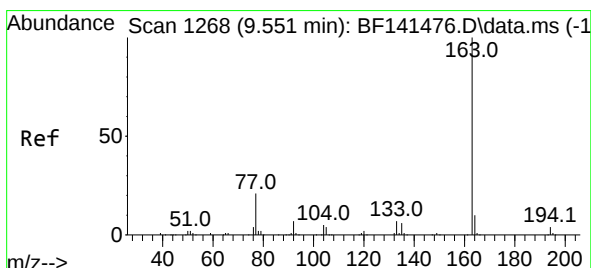
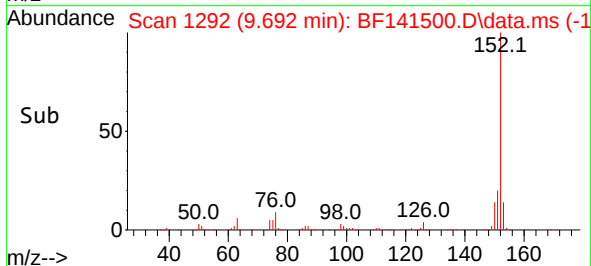
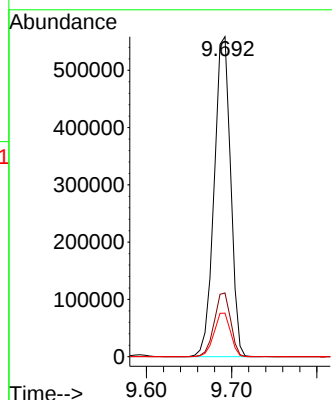
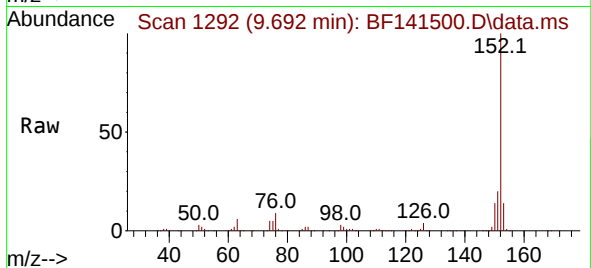
Tgt Ion:152 Resp: 748547

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 13.6 10.9 16.3



#50

Dimethylphthalate

Concen: 43.962 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

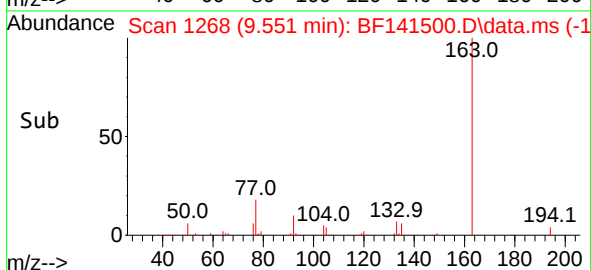
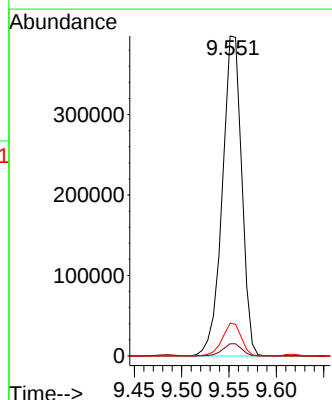
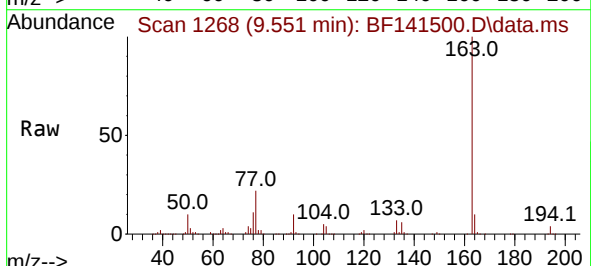
Tgt Ion:163 Resp: 566922

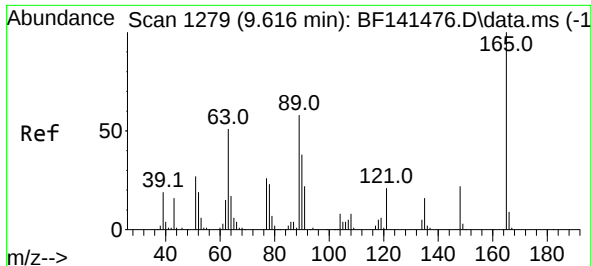
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 44.469 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

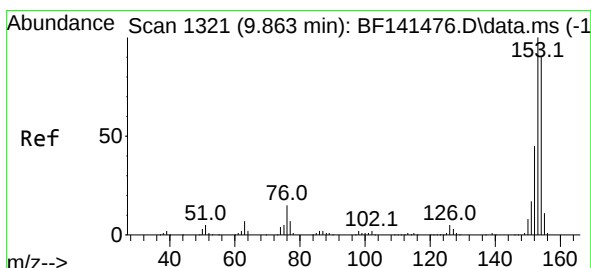
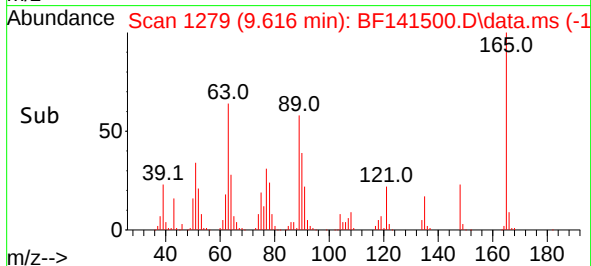
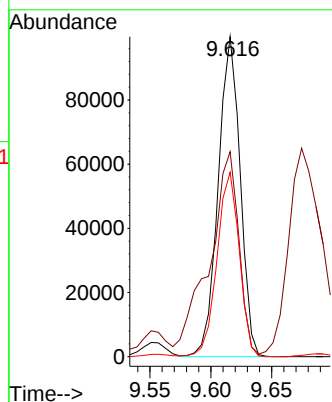
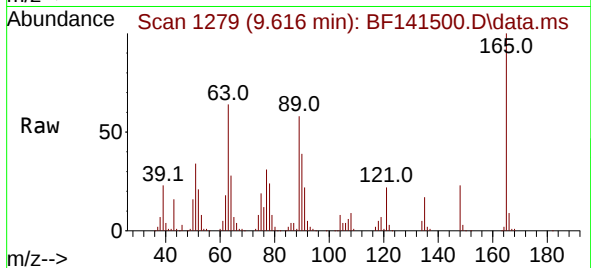
Tgt Ion:165 Resp: 125364

Ion Ratio Lower Upper

165 100

63 64.1 49.4 74.0

89 57.7 46.5 69.7



#52

Acenaphthene

Concen: 43.129 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

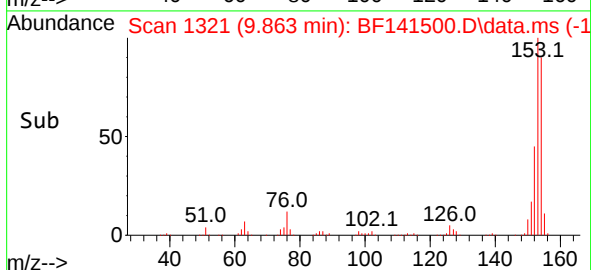
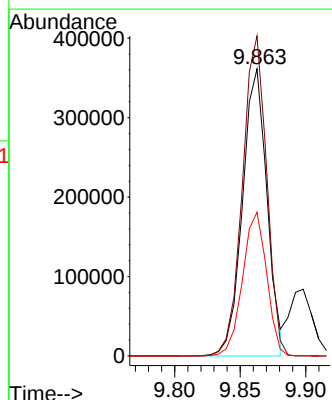
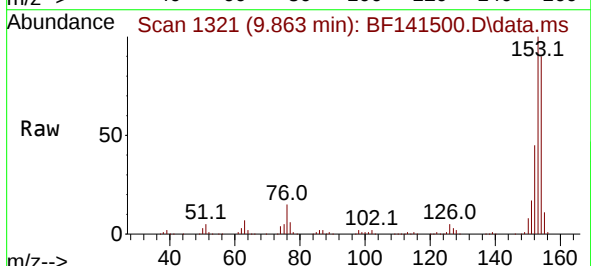
Tgt Ion:154 Resp: 469667

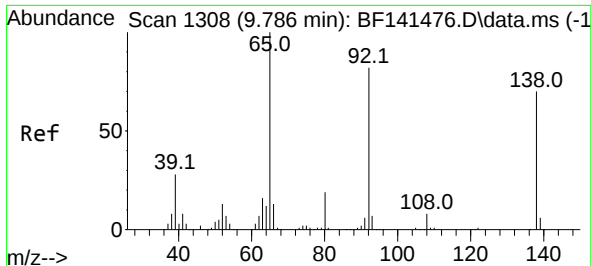
Ion Ratio Lower Upper

154 100

153 111.5 89.2 133.8

152 50.0 39.8 59.8

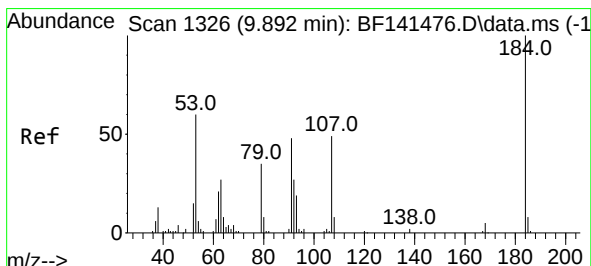
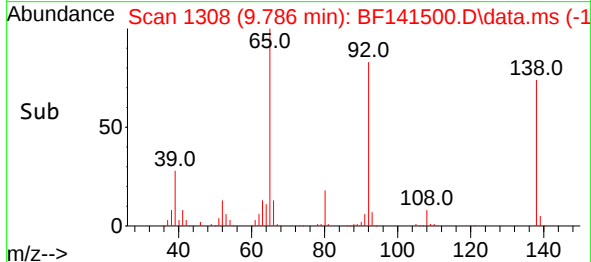
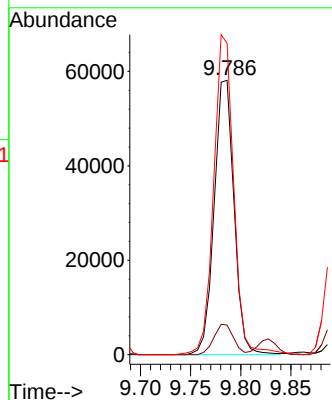
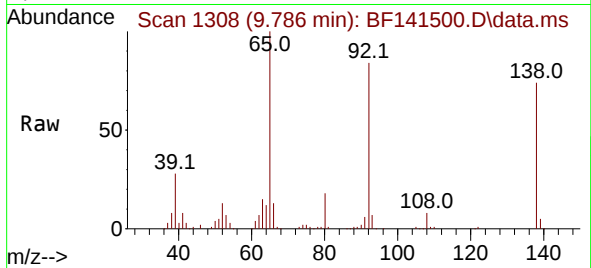




#53
3-Nitroaniline
Concen: 26.432 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

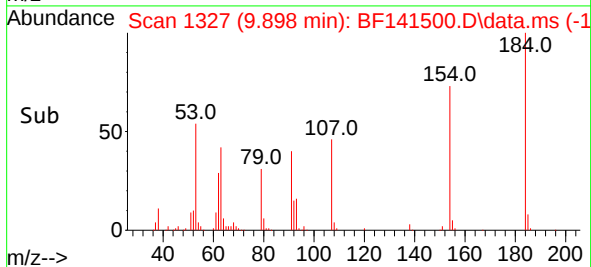
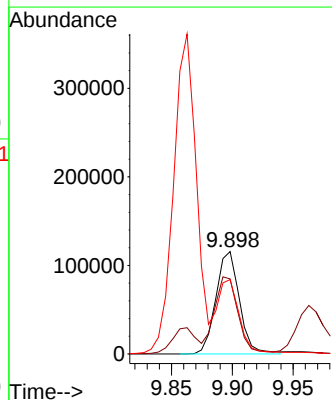
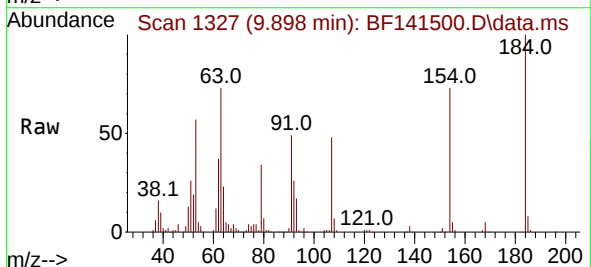
Instrument :
BNA_F
ClientSampleId :
PB166563BS

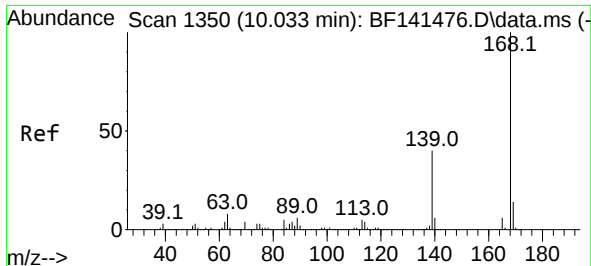
Tgt Ion:138 Resp: 80199
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 113.5 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 92.910 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:184 Resp: 155669
Ion Ratio Lower Upper
184 100
63 73.3 61.0 91.6
154 72.7 59.9 89.9

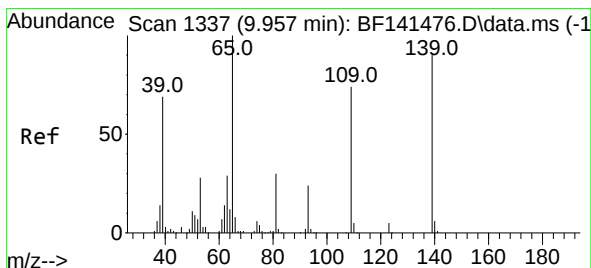
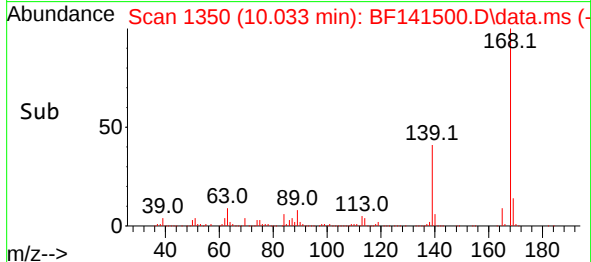
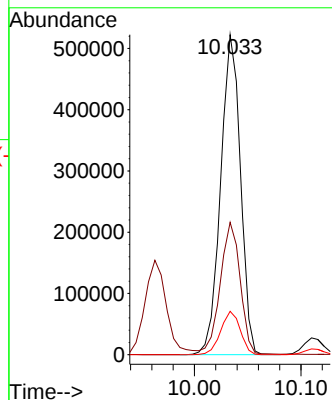
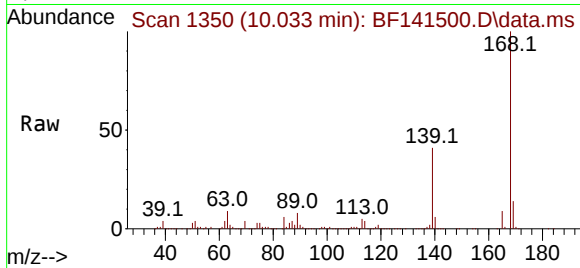




#55
Dibenzenofuran
Concen: 42.149 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

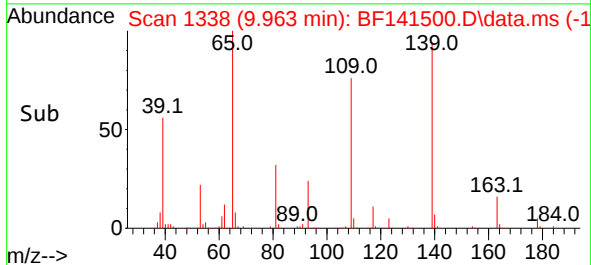
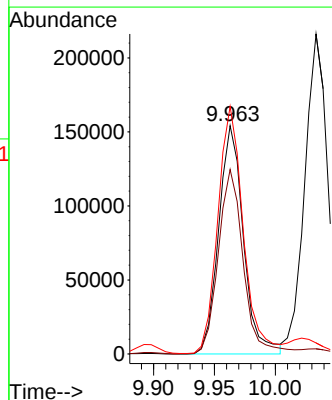
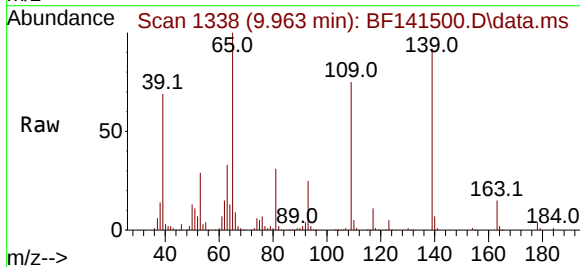
Instrument :
BNA_F
ClientSampleId :
PB166563BS

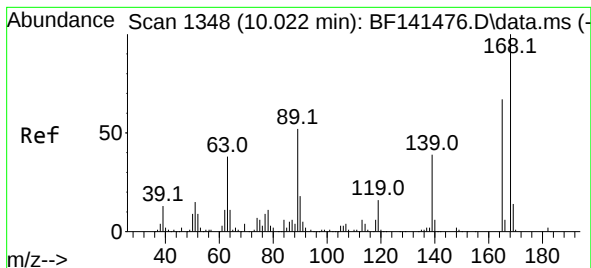
Tgt Ion:168 Resp: 673714
Ion Ratio Lower Upper
168 100
139 41.4 32.7 49.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 96.881 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:139 Resp: 218215
Ion Ratio Lower Upper
139 100
109 80.8 62.0 102.0
65 108.4 91.2 131.2

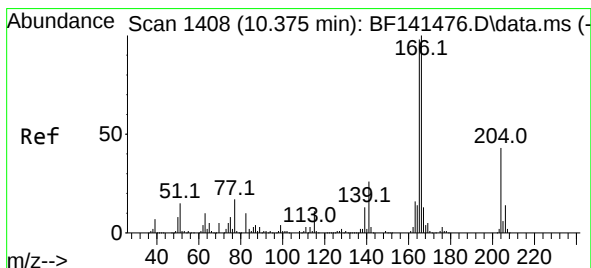
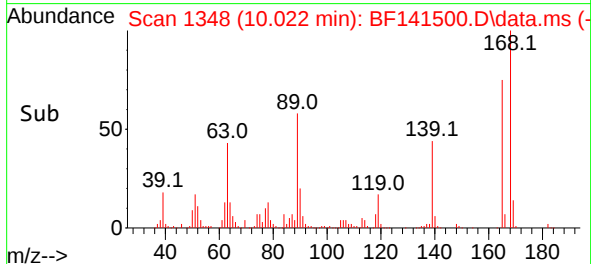
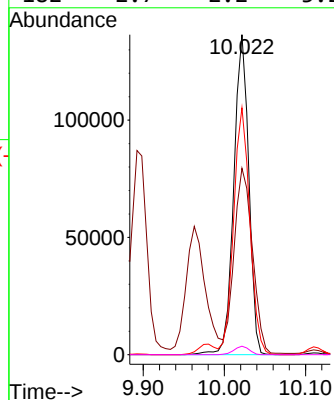
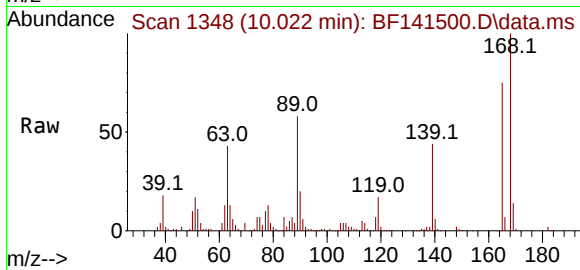




#57
2,4-Dinitrotoluene
Concen: 46.426 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

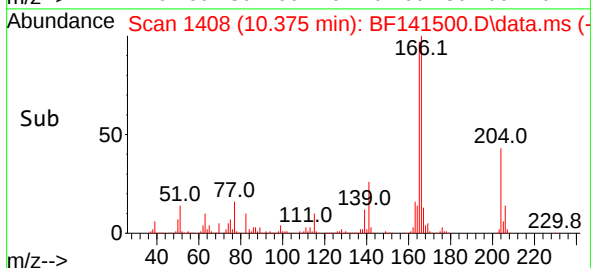
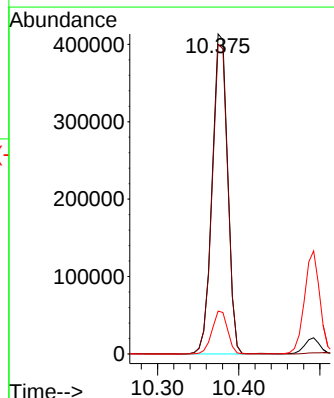
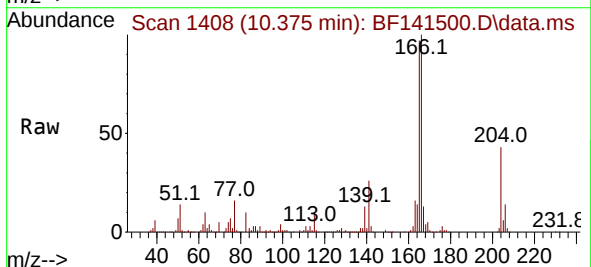
Instrument :
BNA_F
ClientSampleId :
PB166563BS

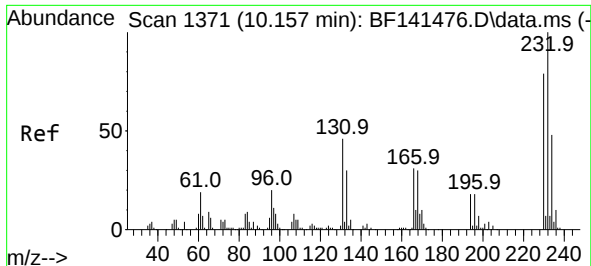
Tgt Ion:165 Resp: 174235
Ion Ratio Lower Upper
165 100
63 58.2 46.4 69.6
89 77.2 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.304 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:166 Resp: 547554
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.4 10.7 16.1

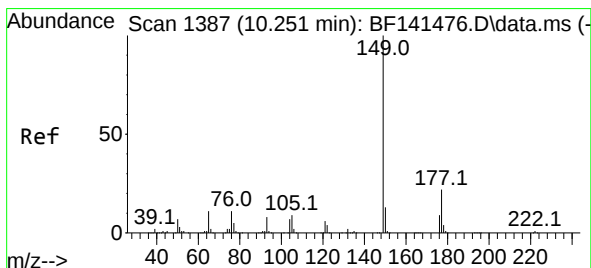
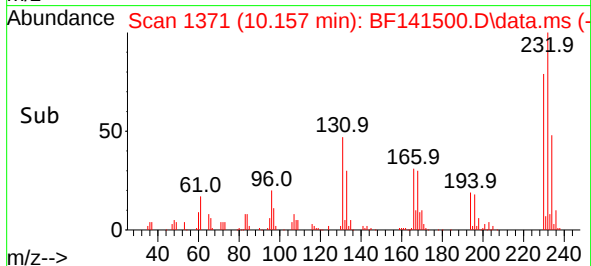
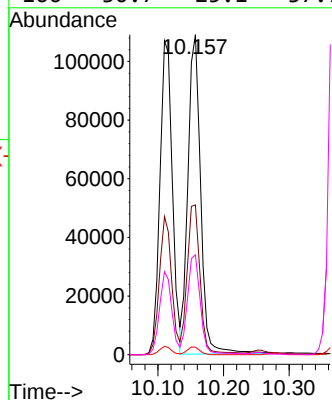
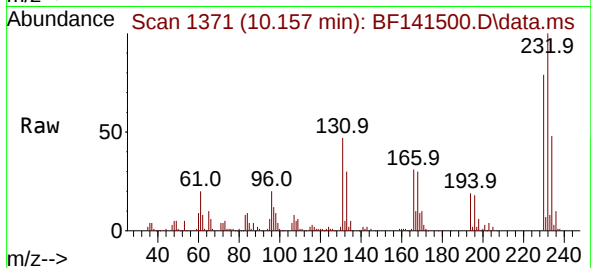




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.063 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

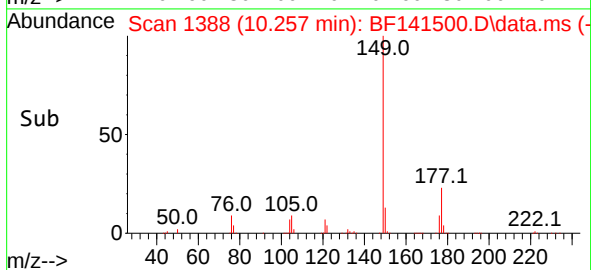
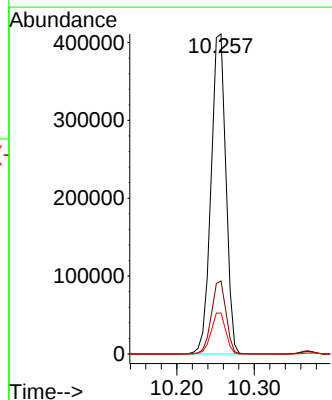
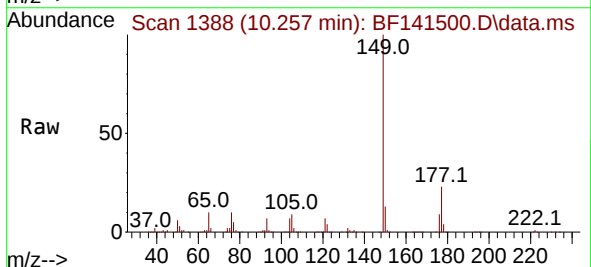
Instrument :
BNA_F
ClientSampleId :
PB166563BS

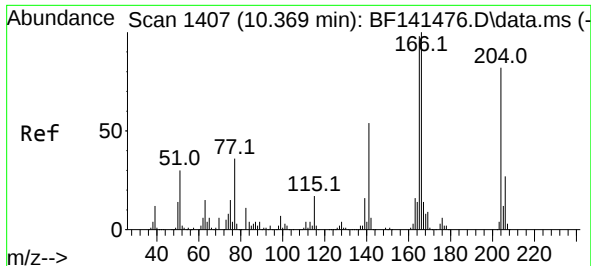
Tgt Ion:232 Resp: 146033
Ion Ratio Lower Upper
232 100
131 47.5 39.2 58.8
130 2.4 2.1 3.1
166 30.7 25.1 37.7



#60
Diethylphthalate
Concen: 43.055 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:149 Resp: 546276
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.6
150 12.8 10.1 15.1

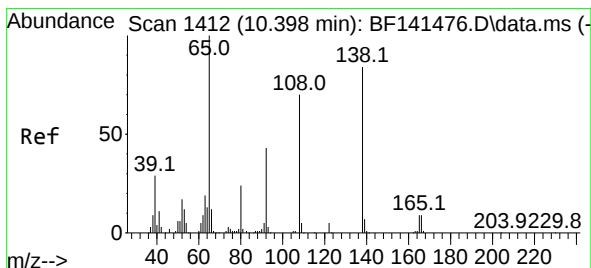
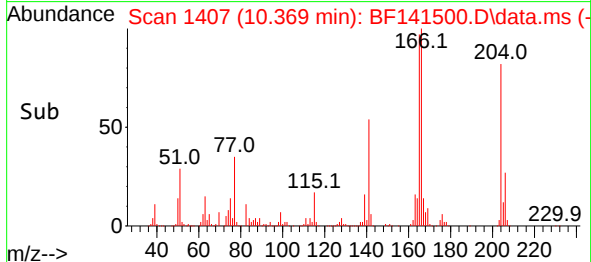
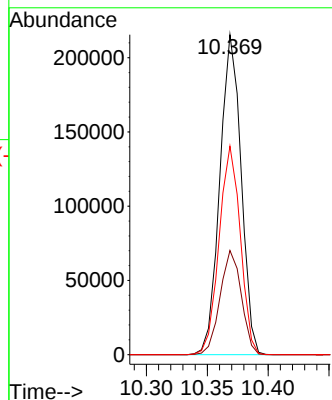
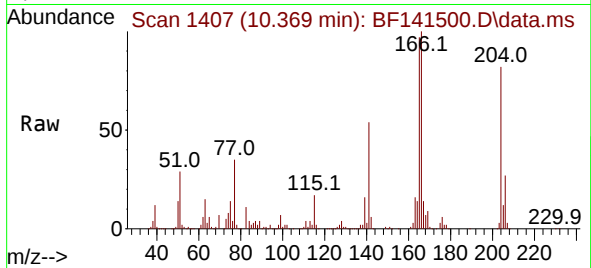




#61
4-Chlorophenyl-phenylether
Concen: 44.066 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

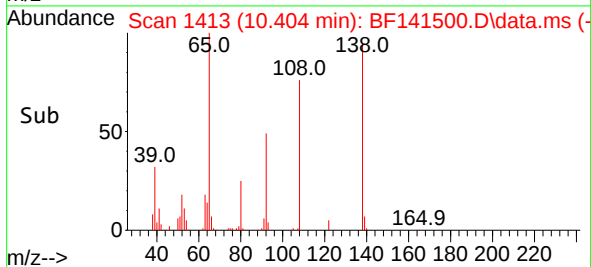
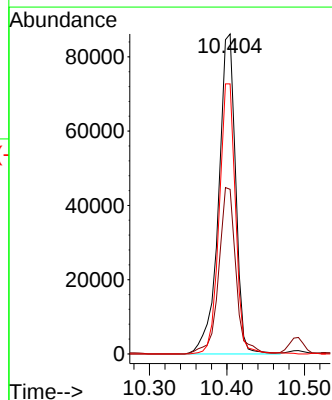
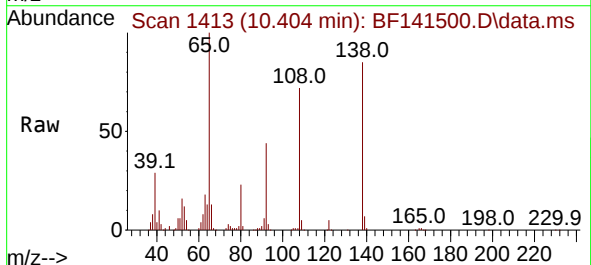
Instrument :
BNA_F
ClientSampleId :
PB166563BS

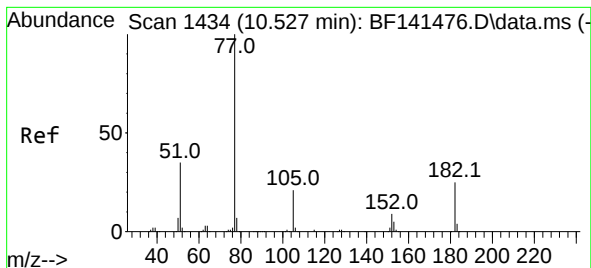
Tgt Ion:204 Resp: 262008
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 65.2 51.9 77.9



#62
4-Nitroaniline
Concen: 42.760 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:138 Resp: 131743
Ion Ratio Lower Upper
138 100
92 51.4 31.3 71.3
108 84.4 63.7 103.7





#63

Azobenzene

Concen: 42.688 ng

RT: 10.527 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

Tgt Ion: 77 Resp: 538440

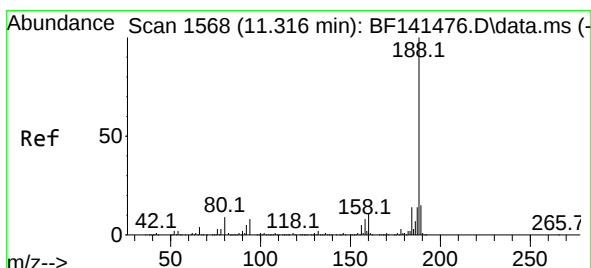
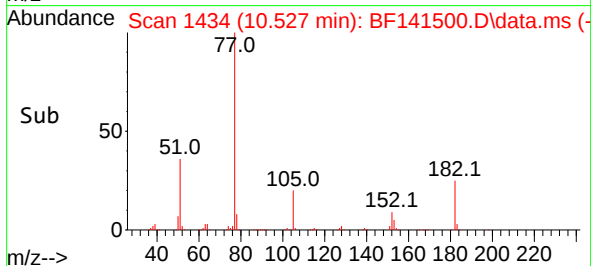
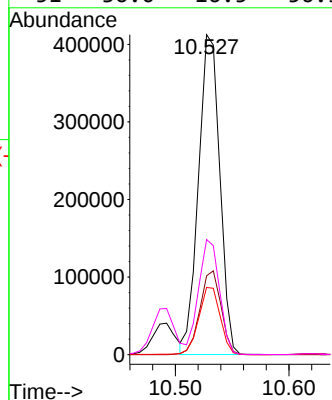
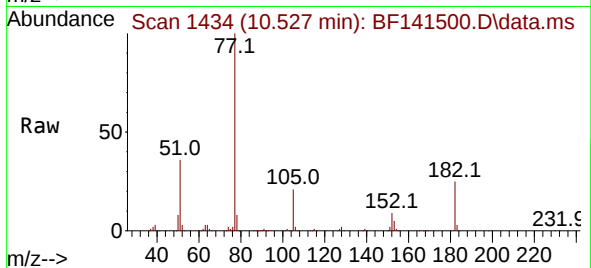
Ion Ratio Lower Upper

77 100

182 24.7 4.7 44.7

105 21.0 0.4 40.4

51 36.0 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

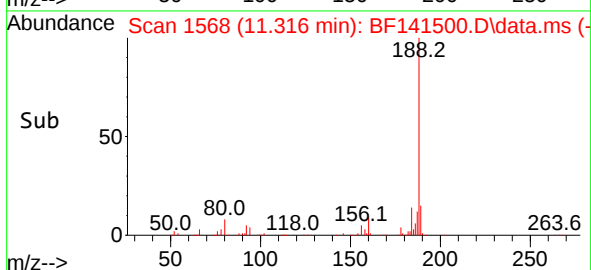
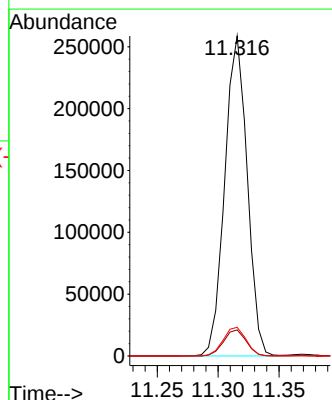
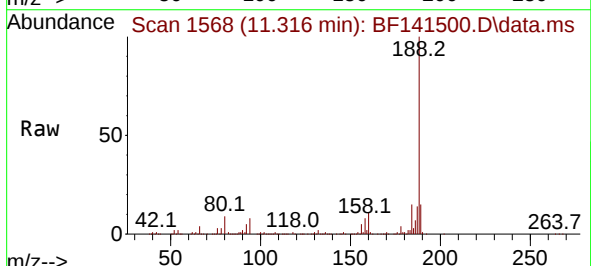
Tgt Ion: 188 Resp: 331853

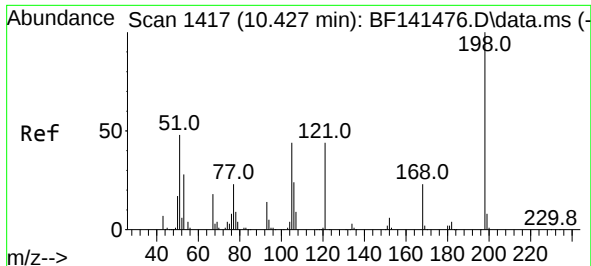
Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 9.0 7.3 10.9

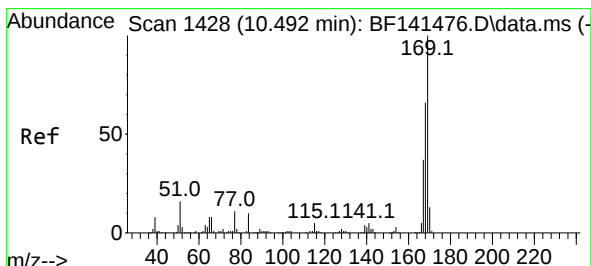
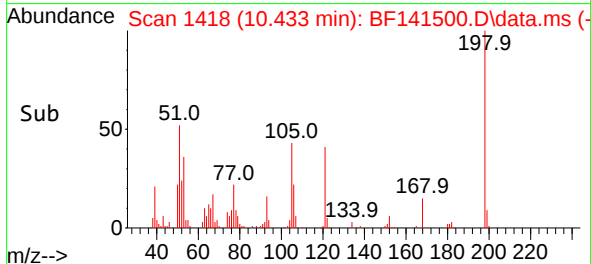
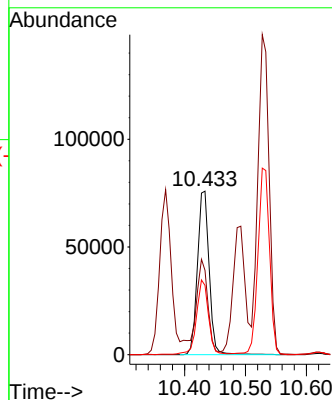
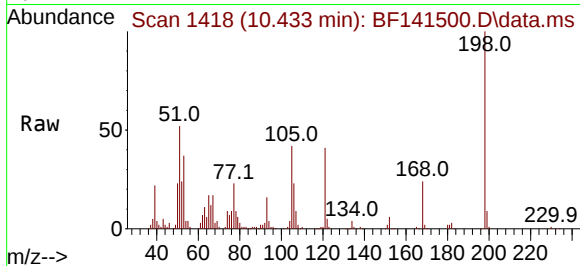




#65
4,6-Dinitro-2-methylphenol
Concen: 43.977 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

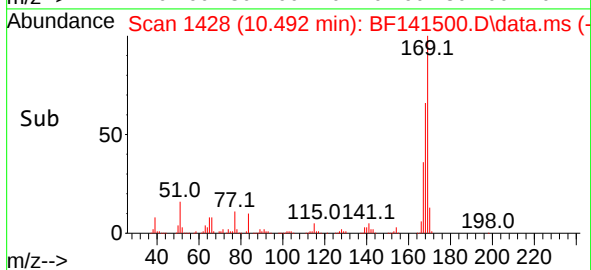
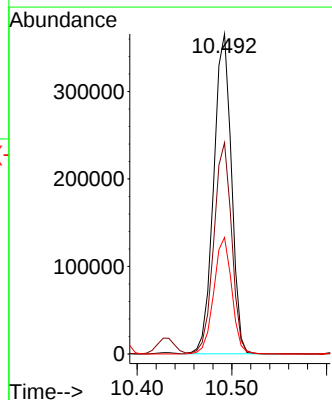
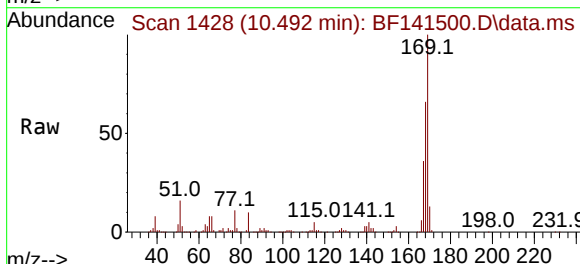
Instrument :
BNA_F
ClientSampleId :
PB166563BS

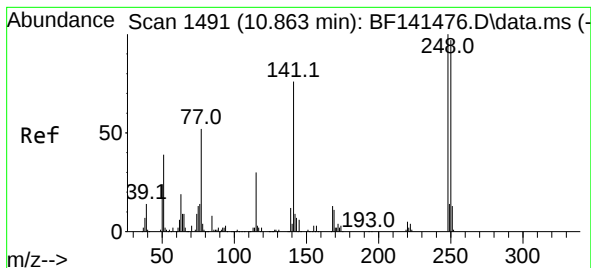
Tgt Ion:198 Resp: 101377
Ion Ratio Lower Upper
198 100
51 51.5 37.4 77.4
105 42.4 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 44.703 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

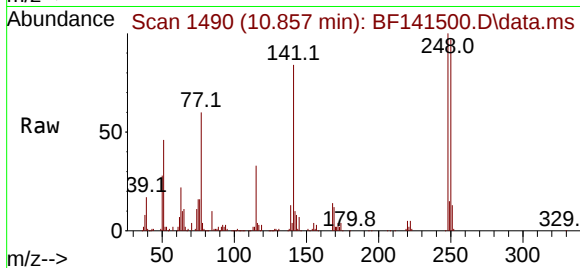
Tgt Ion:169 Resp: 474876
Ion Ratio Lower Upper
169 100
168 66.0 53.3 79.9
167 36.4 29.4 44.2



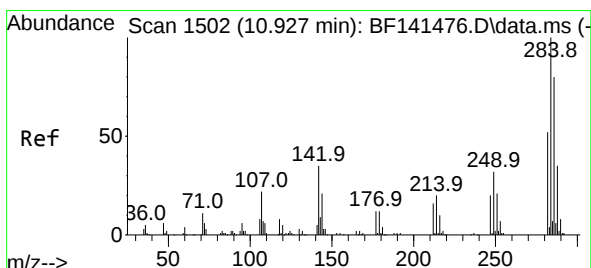
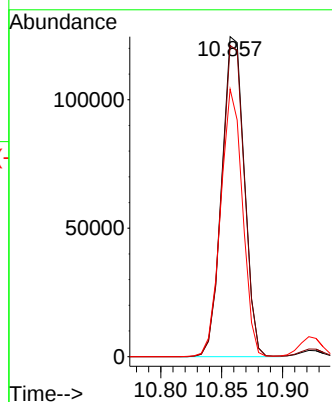
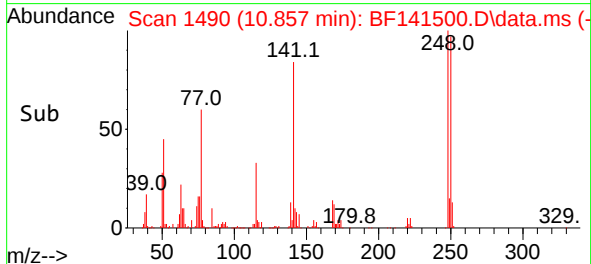


#67
4-Bromophenyl-phenylether
Concen: 43.500 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

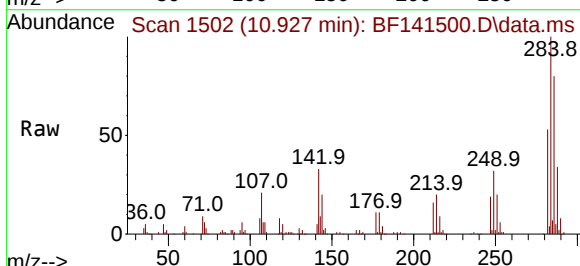
Instrument :
BNA_F
ClientSampleId :
PB166563BS



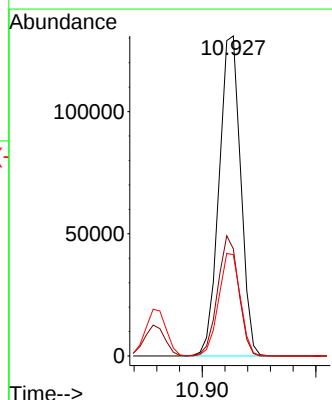
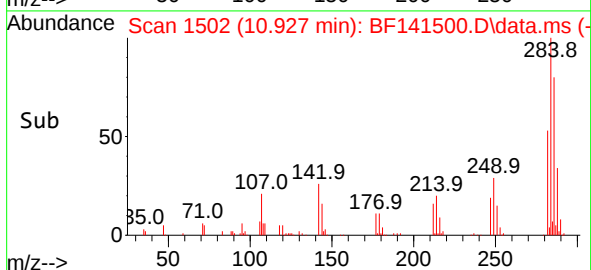
Tgt Ion:248 Resp: 161338
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 83.6 60.6 90.8

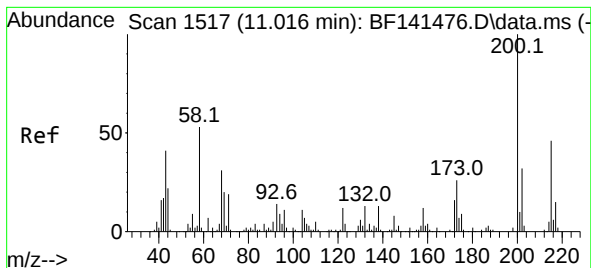


#68
Hexachlorobenzene
Concen: 45.288 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40



Tgt Ion:284 Resp: 172960
Ion Ratio Lower Upper
284 100
142 33.5 28.0 42.0
249 31.6 25.8 38.8





#69

Atrazine

Concen: 56.639 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

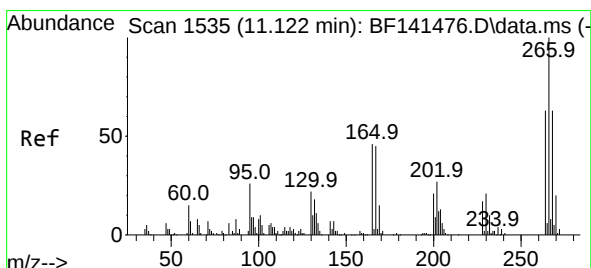
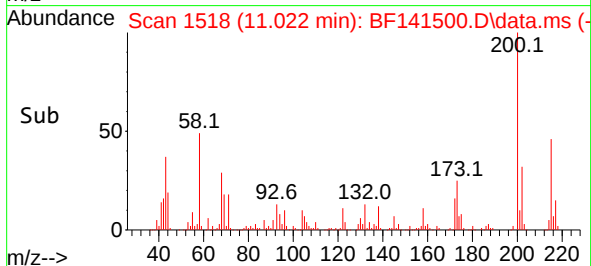
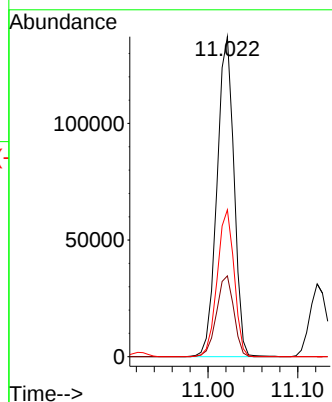
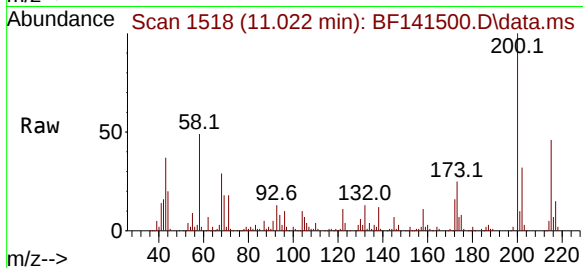
Tgt Ion:200 Resp: 180504

Ion Ratio Lower Upper

200 100

173 25.3 5.9 45.9

215 45.9 25.9 65.9



#70

Pentachlorophenol

Concen: 89.007 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

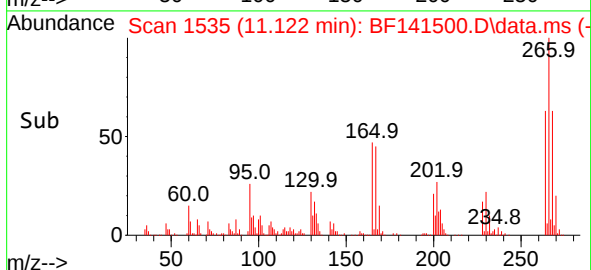
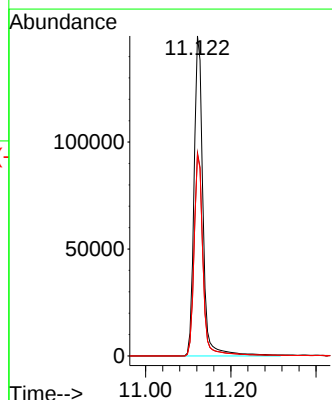
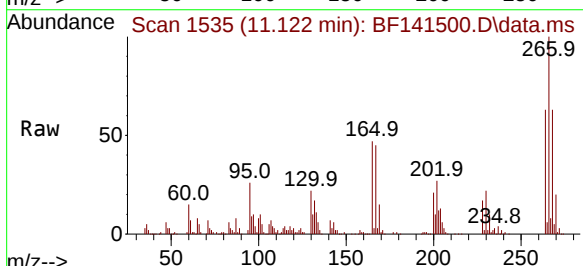
Tgt Ion:266 Resp: 217358

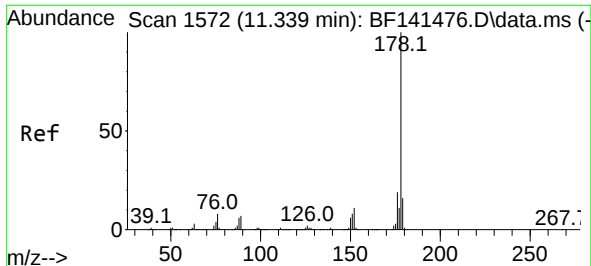
Ion Ratio Lower Upper

266 100

268 63.5 50.1 75.1

264 62.9 50.1 75.1

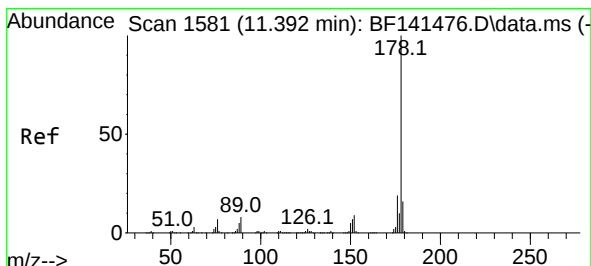
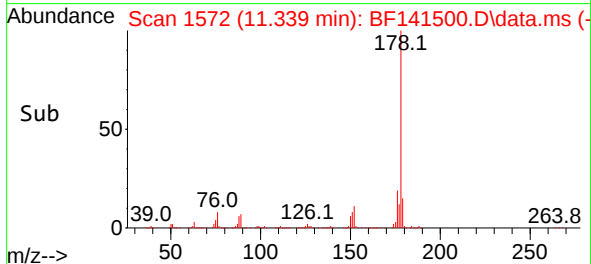
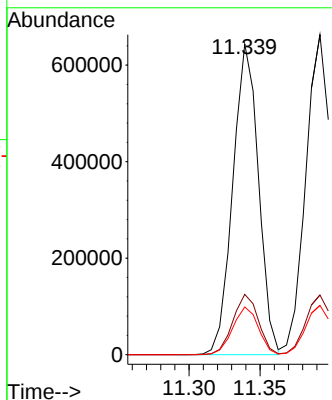
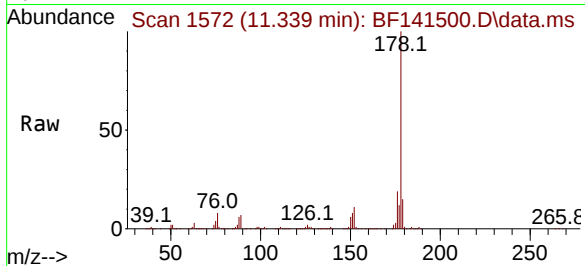




#71
Phenanthrene
Concen: 44.297 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

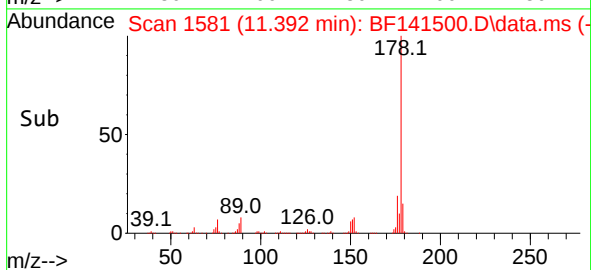
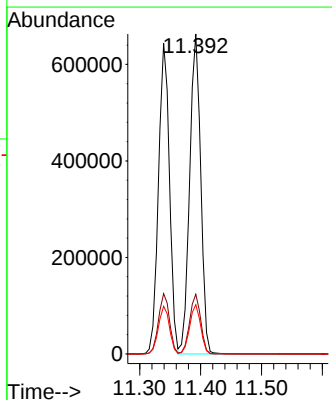
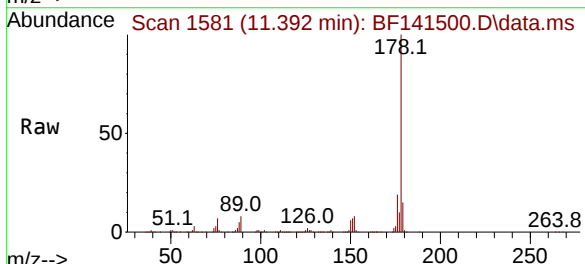
Instrument :
BNA_F
ClientSampleId :
PB166563BS

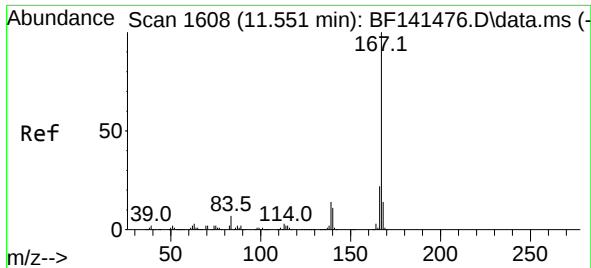
Tgt Ion:178 Resp: 809177
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 45.517 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:178 Resp: 835821
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.4 12.4 18.6

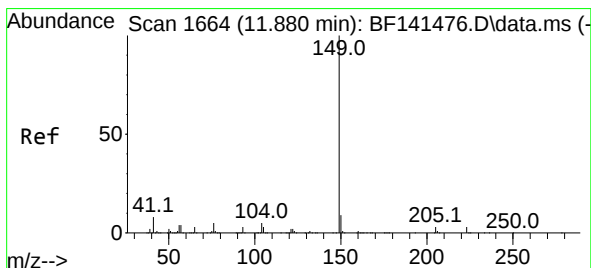
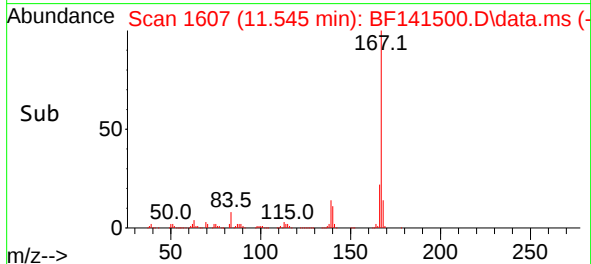
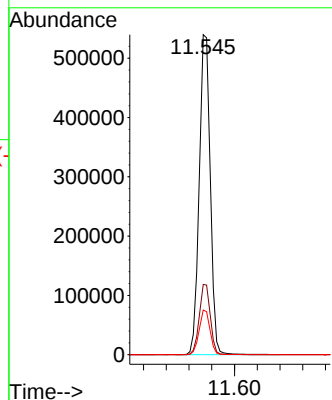
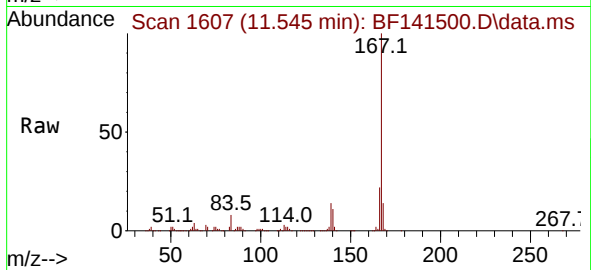




#73
Carbazole
Concen: 44.299 ng
RT: 11.545 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

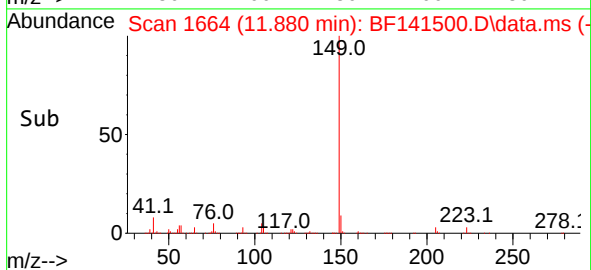
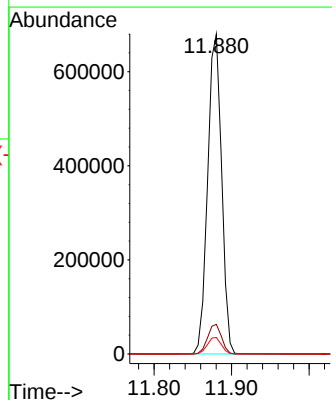
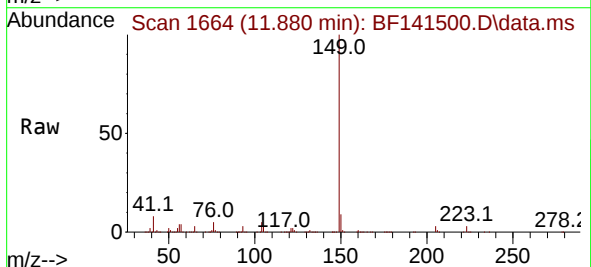
Instrument :
BNA_F
ClientSampleId :
PB166563BS

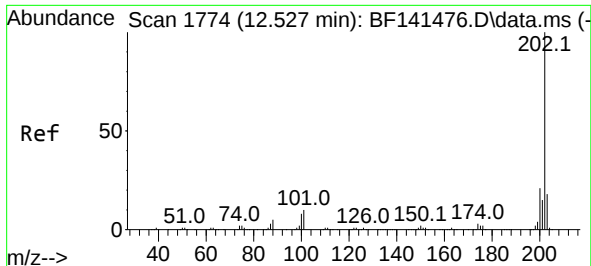
Tgt Ion:167 Resp: 731942
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.2
139 13.9 10.9 16.3



#74
Di-n-butylphthalate
Concen: 44.401 ng
RT: 11.880 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:149 Resp: 847093
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.2 6.2

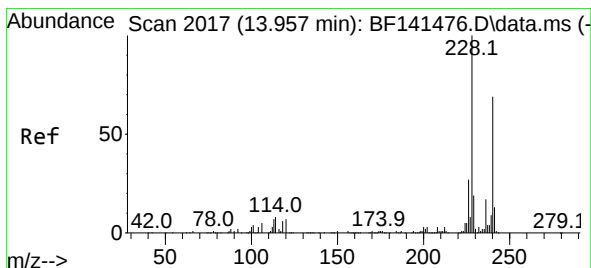
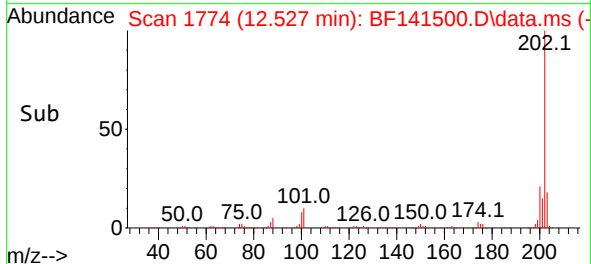
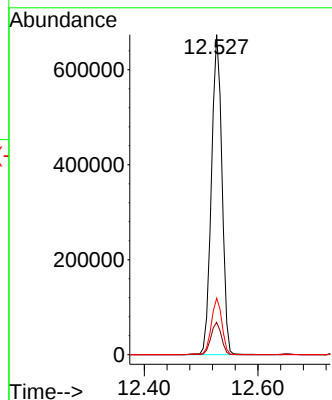
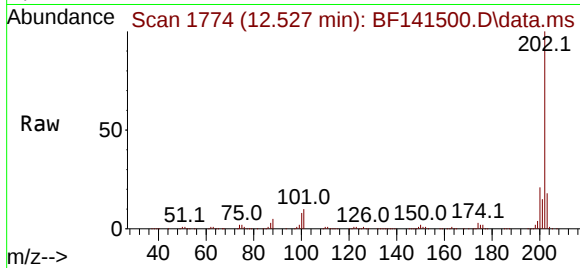




#75
Fluoranthene
Concen: 44.541 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

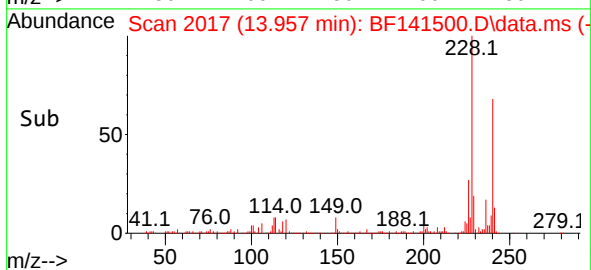
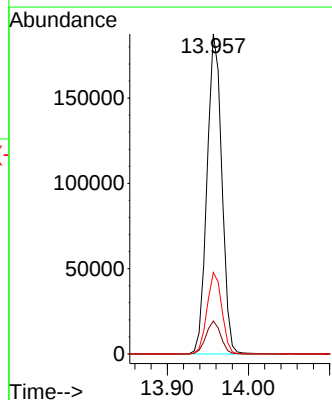
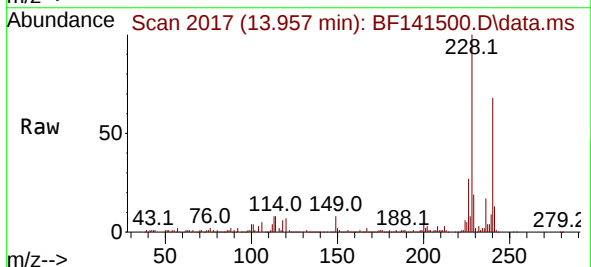
Instrument :
BNA_F
ClientSampleId :
PB166563BS

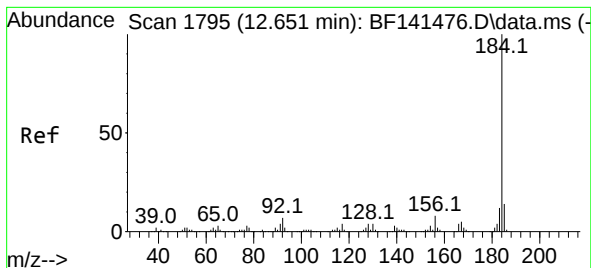
Tgt Ion:202 Resp: 862600
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:240 Resp: 236773
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.5 19.8 29.8





#77

Benzidine

Concen: 68.075 ng

RT: 12.651 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

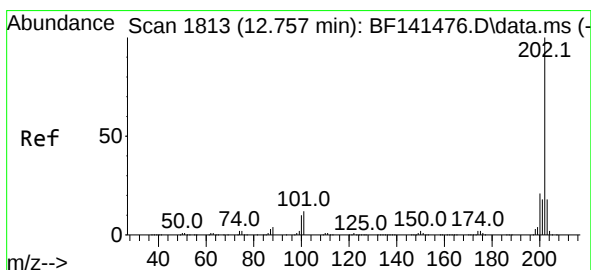
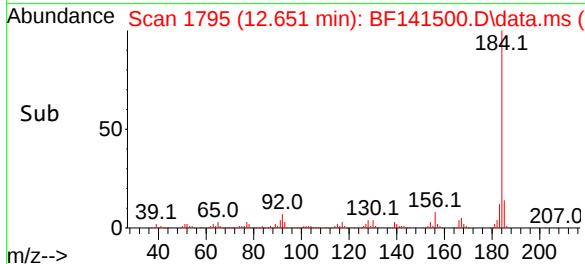
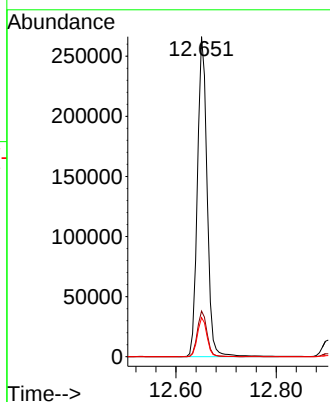
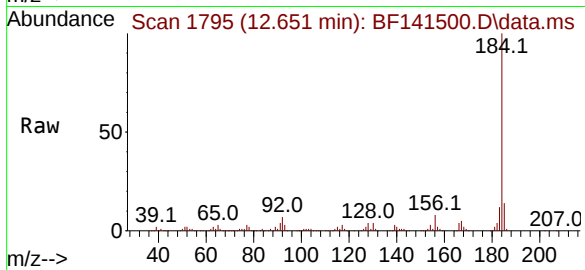
Tgt Ion:184 Resp: 355480

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

183 12.2 9.3 13.9



#78

Pyrene

Concen: 44.061 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

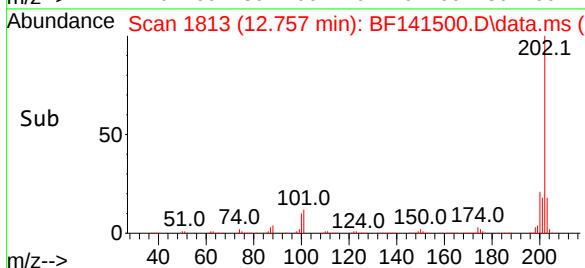
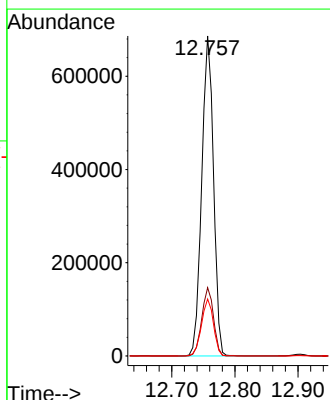
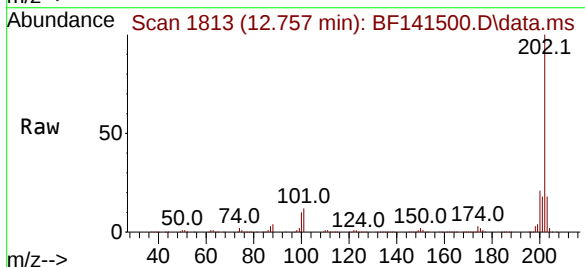
Tgt Ion:202 Resp: 888081

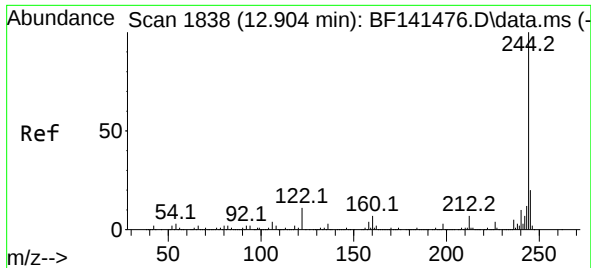
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

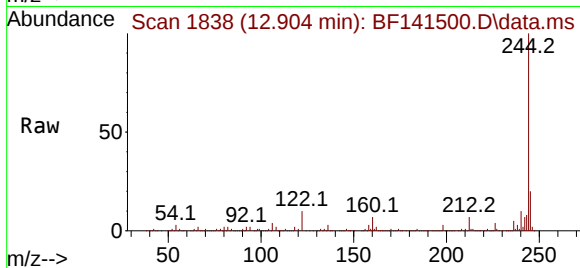
203 17.8 14.3 21.5





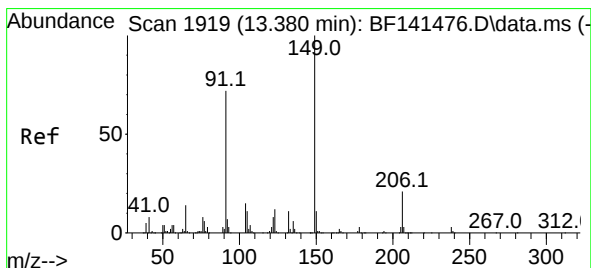
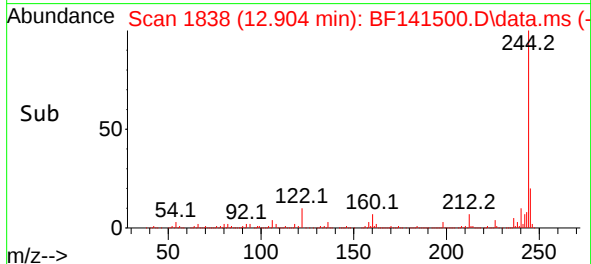
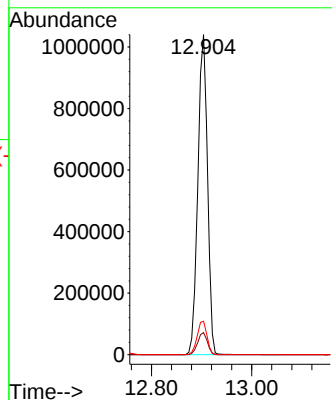
#79
 Terphenyl-d14
 Concen: 98.558 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141500.D
 Acq: 07 Feb 2025 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PB166563BS



Tgt Ion:244 Resp: 1382316

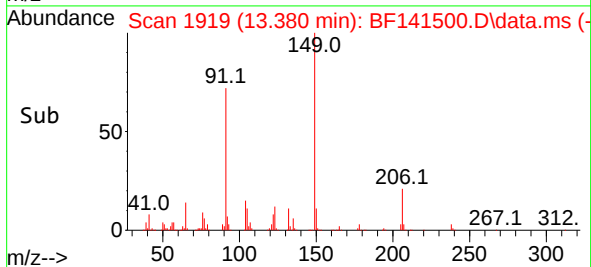
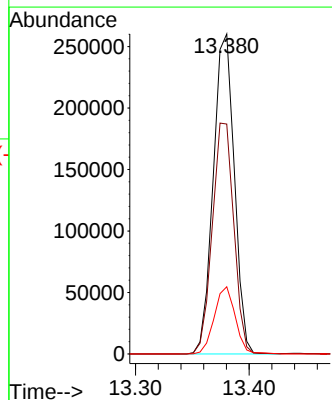
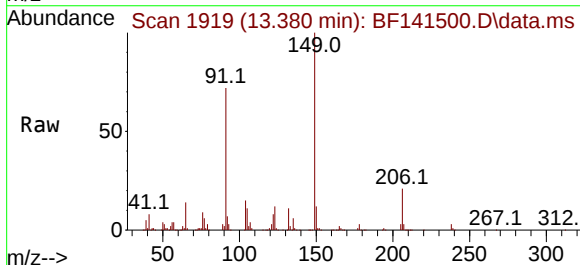
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.5	8.4	12.6

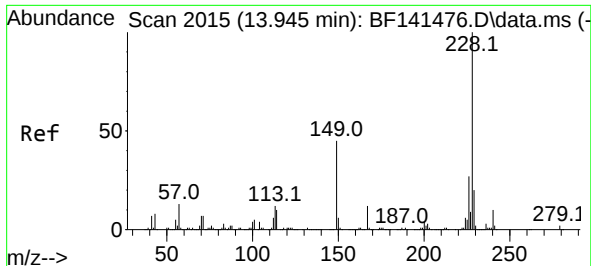


#80
 Butylbenzylphthalate
 Concen: 48.136 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF141500.D
 Acq: 07 Feb 2025 11:40

Tgt Ion:149 Resp: 336054

Ion	Ratio	Lower	Upper
149	100		
91	71.8	57.8	86.8
206	21.0	16.7	25.1

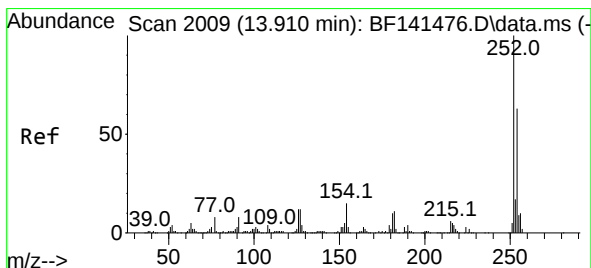
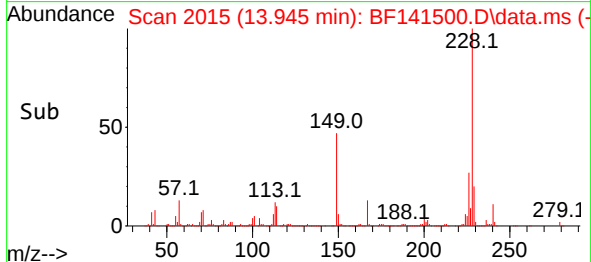
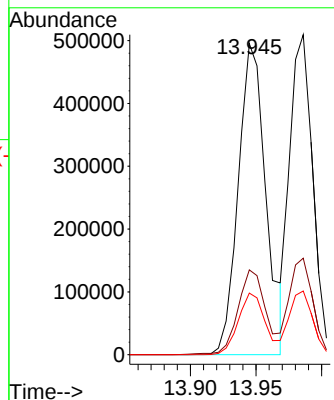
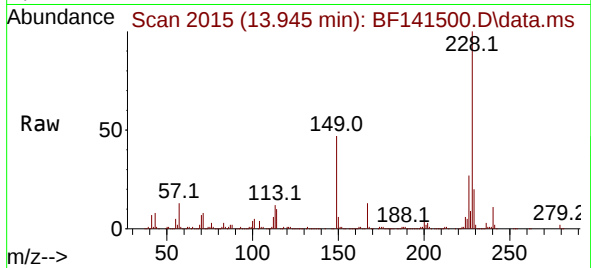




#81
Benzo(a)anthracene
Concen: 46.077 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

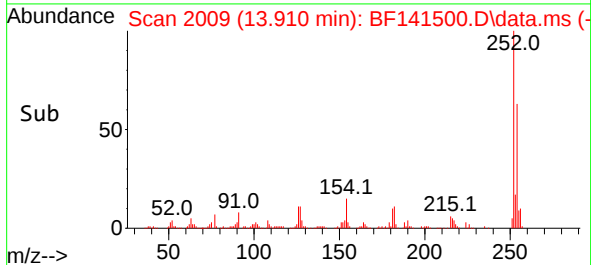
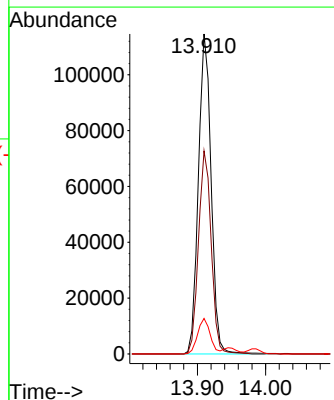
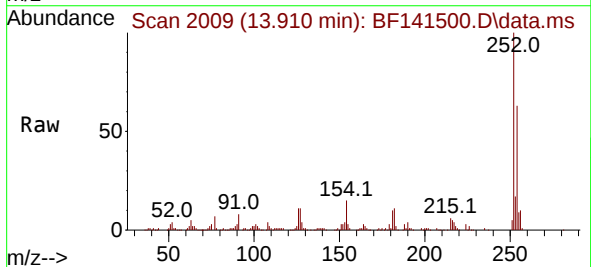
Instrument :
BNA_F
ClientSampleId :
PB166563BS

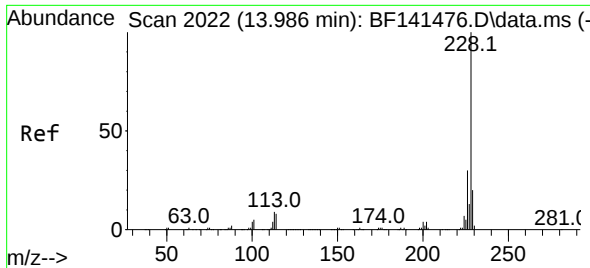
Tgt Ion:228 Resp: 725207
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.878 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:252 Resp: 148233
Ion Ratio Lower Upper
252 100
254 63.4 50.6 76.0
126 11.1 9.3 13.9

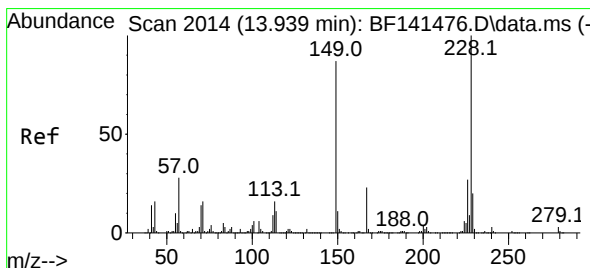
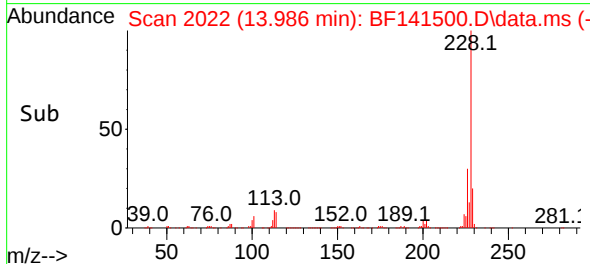
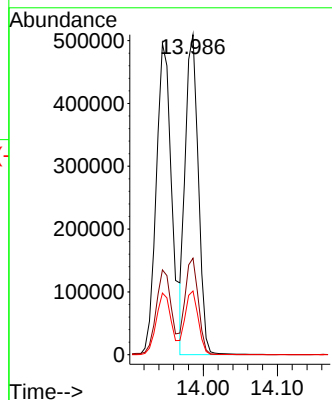
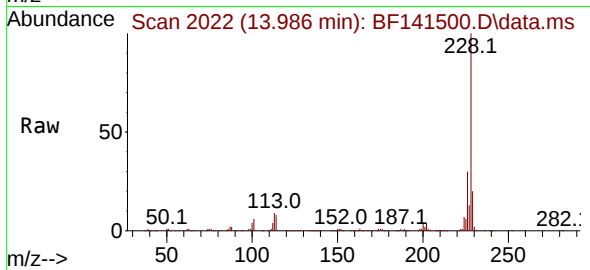




#83
Chrysene
Concen: 42.719 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

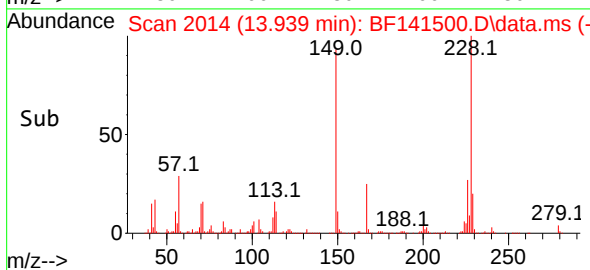
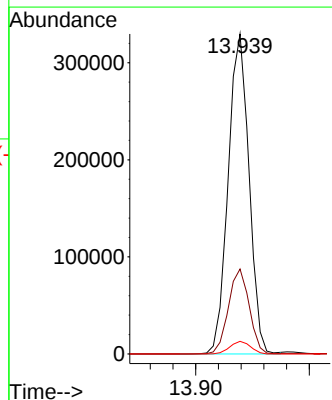
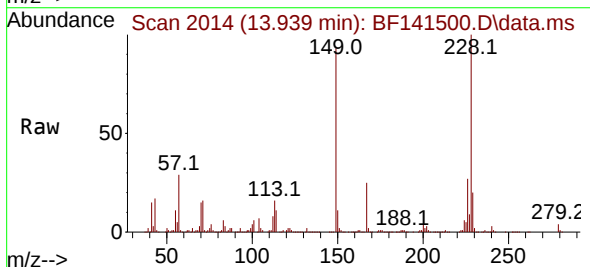
Instrument :
BNA_F
ClientSampleId :
PB166563BS

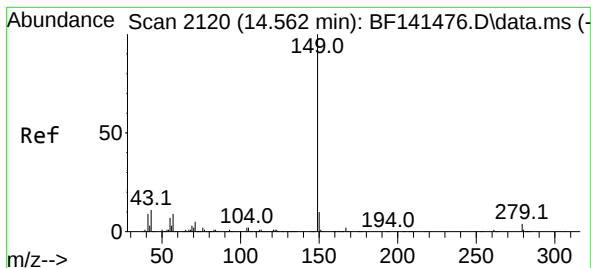
Tgt Ion:228 Resp: 620818
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 19.9 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.273 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:149 Resp: 419464
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 50.526 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

Instrument :

BNA_F

ClientSampleId :

PB166563BS

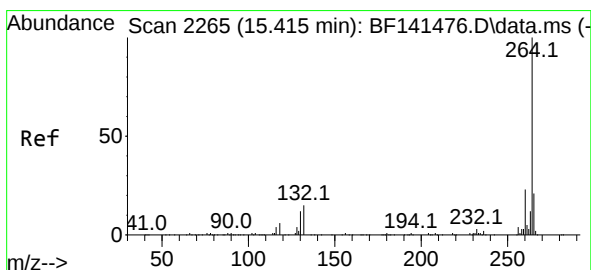
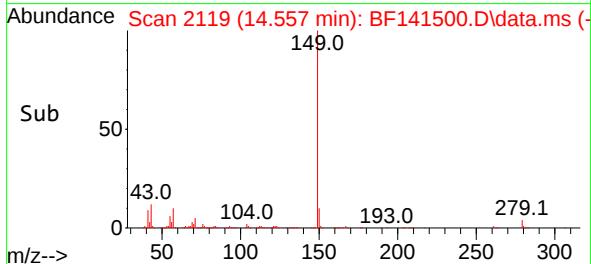
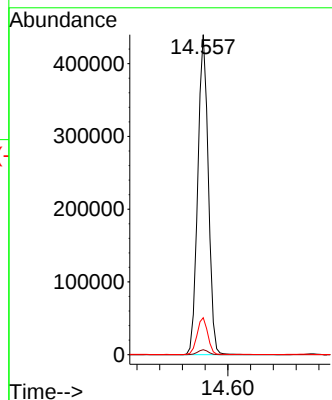
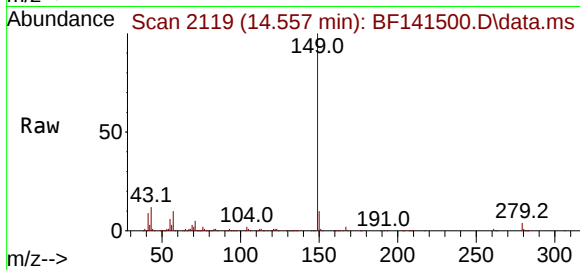
Tgt Ion:149 Resp: 567546

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF141500.D

Acq: 07 Feb 2025 11:40

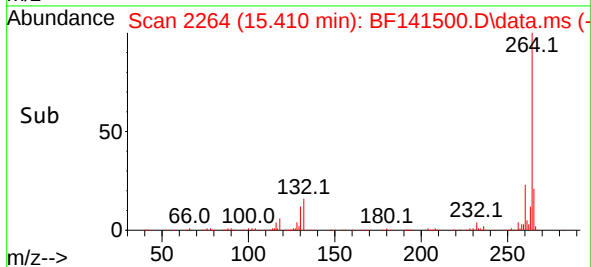
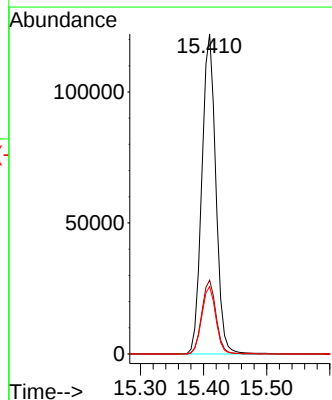
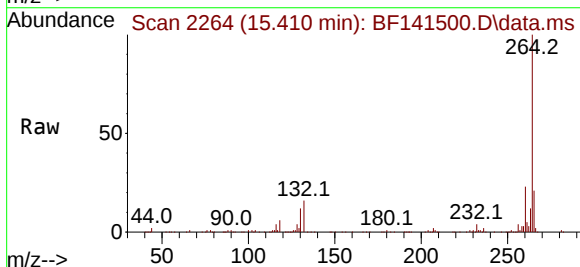
Tgt Ion:264 Resp: 187655

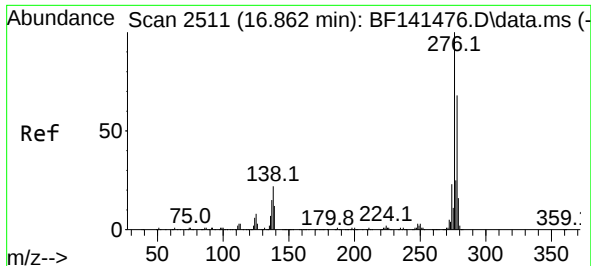
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.1 17.0 25.4

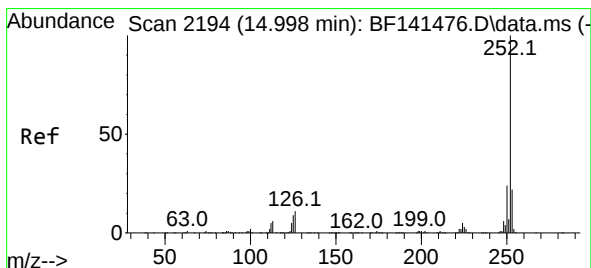
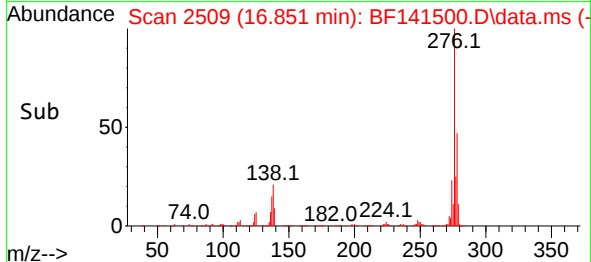
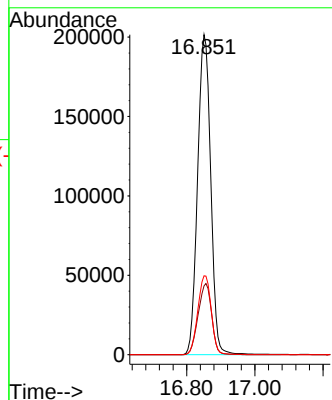
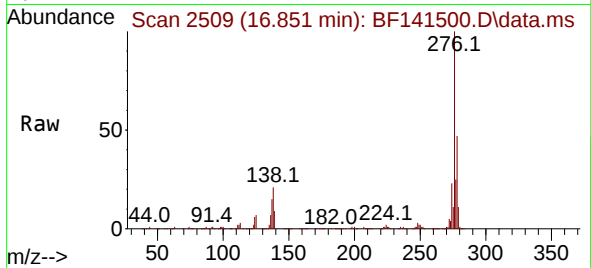




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.405 ng
RT: 16.851 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

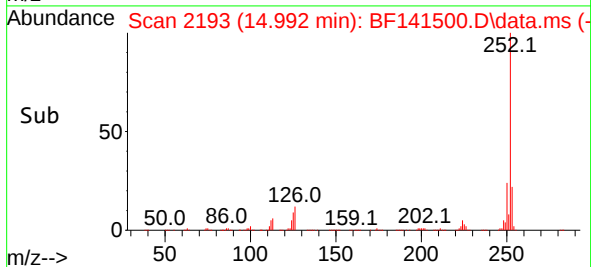
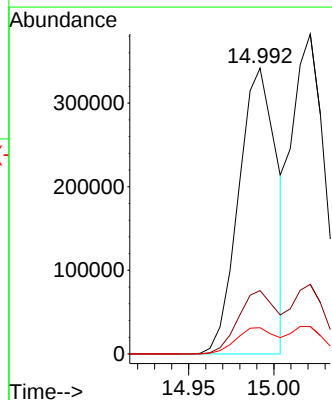
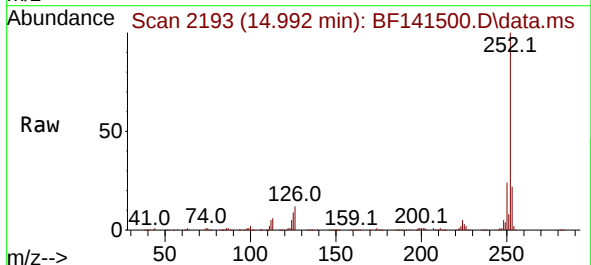
Instrument :
BNA_F
ClientSampleId :
PB166563BS

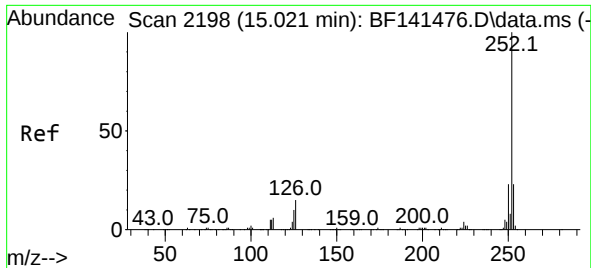
Tgt Ion:276 Resp: 538066
Ion Ratio Lower Upper
276 100
138 22.9 18.0 27.0
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 41.906 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:252 Resp: 528021
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.2 7.0 10.6

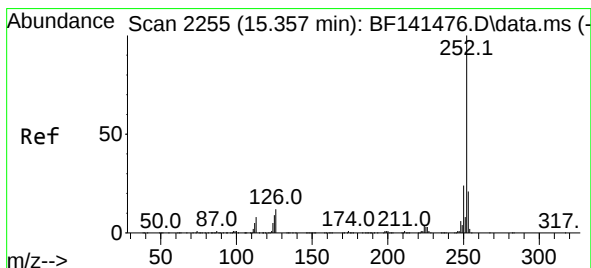
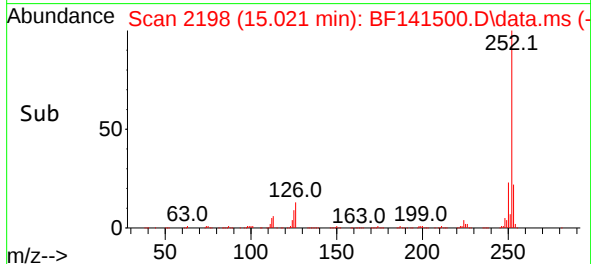
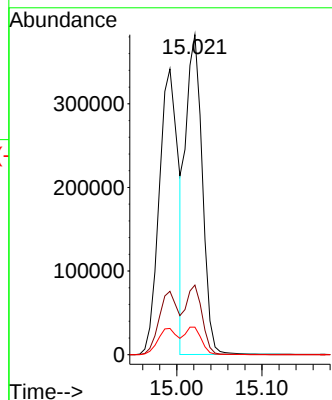
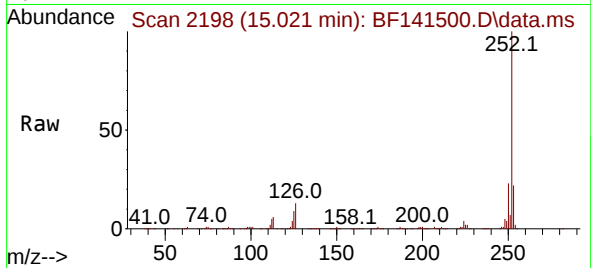




#89
Benzo(k)fluoranthene
Concen: 47.809 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

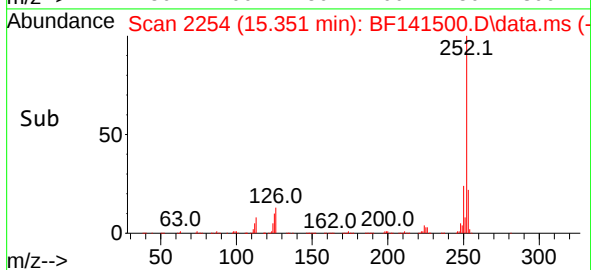
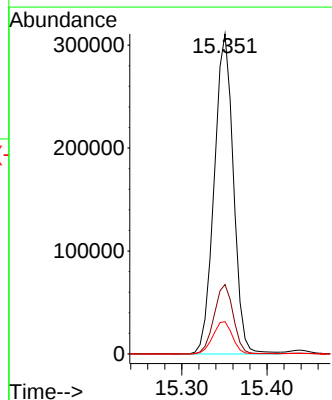
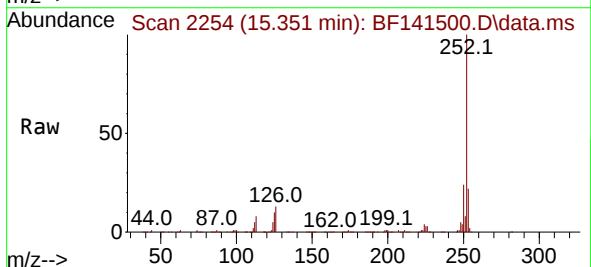
Instrument :
BNA_F
ClientSampleId :
PB166563BS

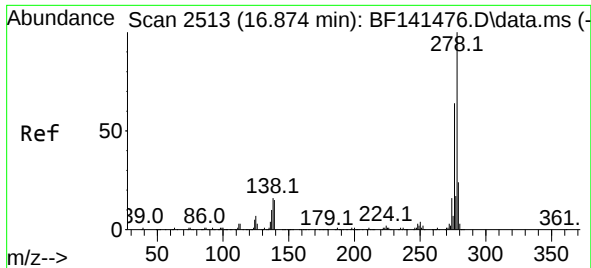
Tgt Ion:252 Resp: 514399
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 8.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.687 ng
RT: 15.351 min Scan# 2254
Delta R.T. -0.012 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:252 Resp: 486202
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.1 7.4 11.2

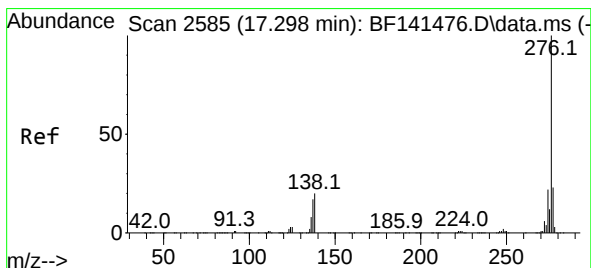
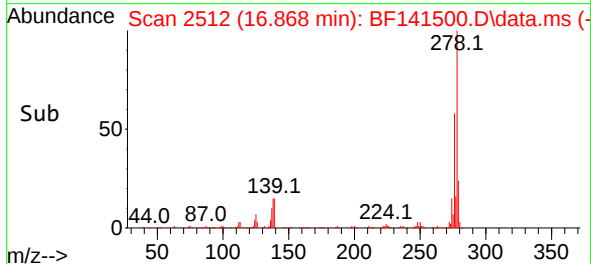
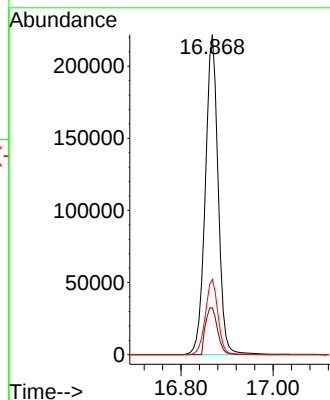
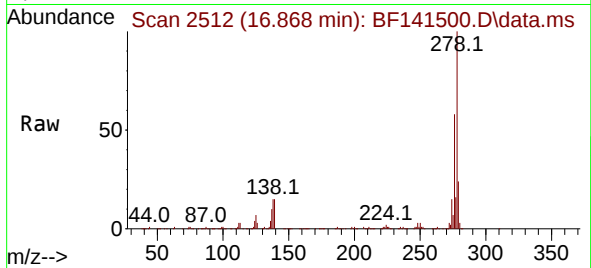




#91
Dibenzo(a,h)anthracene
Concen: 45.845 ng
RT: 16.868 min Scan# 2512
Delta R.T. -0.023 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Instrument :
BNA_F
ClientSampleId :
PB166563BS

Tgt Ion:278 Resp: 430723
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 42.437 ng
RT: 17.286 min Scan# 2583
Delta R.T. -0.029 min
Lab File: BF141500.D
Acq: 07 Feb 2025 11:40

Tgt Ion:276 Resp: 417233
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 20.0 15.9 23.9

