

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141498.D
 Acq On : 07 Feb 2025 10:47
 Operator : RC/JU
 Sample : PB166588BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166588BS

Quant Time: Feb 07 11:21:08 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	80338	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	334898	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	185945	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	320161	20.000	ng	0.00
76) Chrysene-d12	13.957	240	225366	20.000	ng	0.00
86) Perylene-d12	15.415	264	179997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	748951	146.153	ng	0.00
7) Phenol-d6	6.434	99	944127	145.769	ng	0.00
23) Nitrobenzene-d5	7.357	82	620636	96.660	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	272082	145.662	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1168393	96.807	ng	0.00
79) Terphenyl-d14	12.904	244	1414164	105.932	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	88303	42.814	ng	97
3) Pyridine	3.310	79	213020	43.404	ng	98
4) n-Nitrosodimethylamine	3.257	42	150248	46.234	ng	99
6) Aniline	6.451	93	286269	47.118	ng	99
8) 2-Chlorophenol	6.575	128	265384	47.928	ng	98
9) Benzaldehyde	6.340	77	166942	48.504	ng	99
10) Phenol	6.445	94	321299	47.662	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	238796	47.162	ng	100
12) 1,3-Dichlorobenzene	6.728	146	272988	46.699	ng	98
13) 1,4-Dichlorobenzene	6.804	146	277936	46.535	ng	100
14) 1,2-Dichlorobenzene	6.957	146	263115	47.465	ng	100
15) Benzyl Alcohol	6.934	79	234819	47.278	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	409183	47.209	ng	83
17) 2-Methylphenol	7.051	107	211995	48.924	ng	99
18) Hexachloroethane	7.298	117	103261	46.716	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	187395	48.370	ng	99
20) 3+4-Methylphenols	7.204	107	271718	49.342	ng	99
22) Acetophenone	7.198	105	405086	48.625	ng	# 99
24) Nitrobenzene	7.375	77	280368	44.779	ng	99
25) Isophorone	7.610	82	502497	49.083	ng	100
26) 2-Nitrophenol	7.687	139	141710	45.493	ng	98
27) 2,4-Dimethylphenol	7.728	122	213466	58.661	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	303913	46.327	ng	99
29) 2,4-Dichlorophenol	7.934	162	228008	46.373	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	237617	44.379	ng	98
31) Naphthalene	8.092	128	766733	43.982	ng	100
32) Benzoic acid	7.863	122	187334	49.561	ng	98
33) 4-Chloroaniline	8.145	127	171316	28.147	ng	98
34) Hexachlorobutadiene	8.210	225	146059	45.440	ng	99
35) Caprolactam	8.563	113	36853	24.618	ng	98
36) 4-Chloro-3-methylphenol	8.634	107	254414	46.712	ng	99
37) 2-Methylnaphthalene	8.786	142	486912	42.922	ng	100
38) 1-Methylnaphthalene	8.886	142	481986	43.869	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	263922	49.060	ng	98
41) Hexachlorocyclopentadiene	8.939	237	302435	169.024	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	164721	47.375	ng	98

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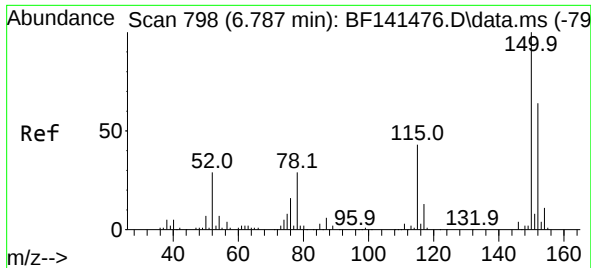
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	172319	45.730	ng	97
46) 1,1'-Biphenyl	9.251	154	714451	49.560	ng	100
47) 2-Chloronaphthalene	9.275	162	489546	45.923	ng	100
48) 2-Nitroaniline	9.375	65	167547	46.833	ng	97
49) Acenaphthylene	9.692	152	765277	48.265	ng	100
50) Dimethylphthalate	9.557	163	582607	46.153	ng	99
51) 2,6-Dinitrotoluene	9.616	165	129788	47.032	ng	99
52) Acenaphthene	9.863	154	476585	44.709	ng	99
53) 3-Nitroaniline	9.786	138	87695	29.526	ng	97
54) 2,4-Dinitrophenol	9.898	184	166600	101.581	ng	95
55) Dibenzofuran	10.033	168	698069	44.615	ng	99
56) 4-Nitrophenol	9.963	139	227806	103.323	ng	98
57) 2,4-Dinitrotoluene	10.022	165	179824	48.950	ng	99
58) Fluorene	10.380	166	553155	45.723	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154816	47.721	ng	97
60) Diethylphthalate	10.257	149	563641	45.382	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	266816	45.844	ng	98
62) 4-Nitroaniline	10.404	138	137788	45.688	ng	99
63) Azobenzene	10.528	77	555327	44.977	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	107755	48.451	ng	94
66) n-Nitrosodiphenylamine	10.492	169	487543	47.571	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	166109	46.422	ng	95
68) Hexachlorobenzene	10.927	284	176599	47.929	ng	99
69) Atrazine	11.022	200	185132	60.213	ng	99
70) Pentachlorophenol	11.122	266	228624	97.039	ng	100
71) Phenanthrene	11.339	178	831179	47.163	ng	100
72) Anthracene	11.392	178	859979	48.543	ng	100
73) Carbazole	11.551	167	758962	47.612	ng	100
74) Di-n-butylphthalate	11.880	149	872930	47.426	ng	100
75) Fluoranthene	12.527	202	886972	47.472	ng	100
77) Benzidine	12.651	184	387259	77.915	ng	99
78) Pyrene	12.757	202	916166	47.755	ng	100
80) Butylbenzylphthalate	13.380	149	344622	51.862	ng	99
81) Benzo(a)anthracene	13.951	228	725475	48.427	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	151072	35.204	ng	99
83) Chrysene	13.986	228	641268	46.359	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	419034	55.912	ng	99
85) Di-n-octyl phthalate	14.563	149	577385	54.003	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	562035	50.534	ng	99
88) Benzo(b)fluoranthene	14.998	252	566287	46.855	ng	100
89) Benzo(k)fluoranthene	15.021	252	498122	48.266	ng	99
90) Benzo(a)pyrene	15.357	252	499027	51.028	ng	100
91) Dibenzo(a,h)anthracene	16.874	278	451222	50.070	ng	99
92) Benzo(g,h,i)perylene	17.292	276	436456	46.281	ng	99

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

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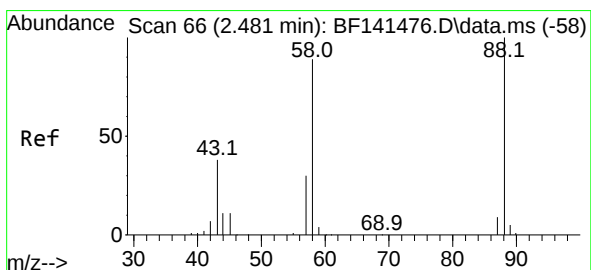
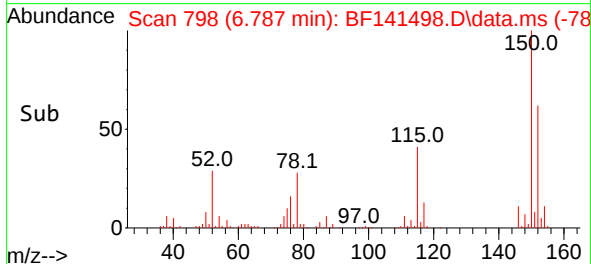
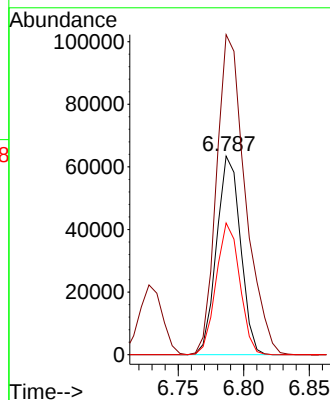
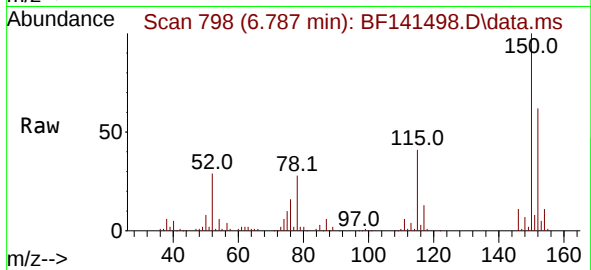




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141498.D
 Acq: 07 Feb 2025 10:47

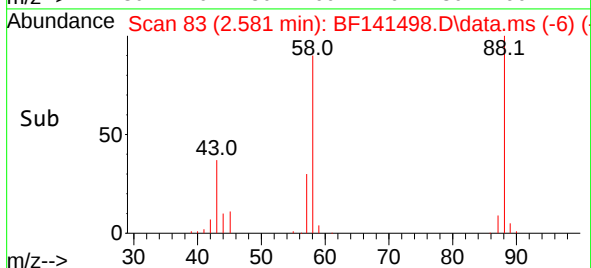
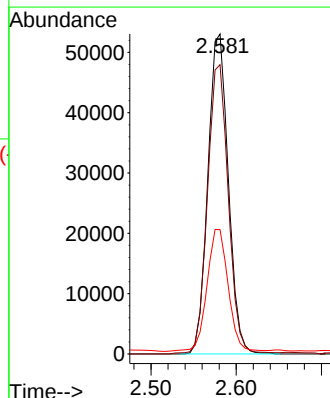
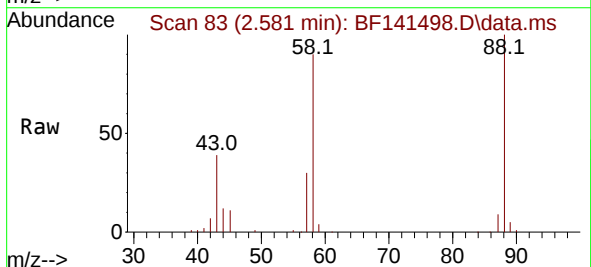
Instrument :
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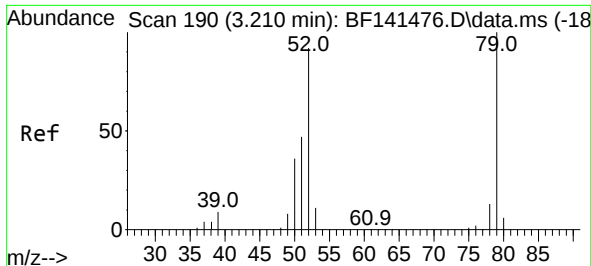
Tgt Ion:152 Resp: 80338
 Ion Ratio Lower Upper
 152 100
 150 161.1 125.0 187.4
 115 66.3 53.6 80.4



#2
 1,4-Dioxane
 Concen: 42.814 ng
 RT: 2.581 min Scan# 83
 Delta R.T. 0.100 min
 Lab File: BF141498.D
 Acq: 07 Feb 2025 10:47

Tgt Ion: 88 Resp: 88303
 Ion Ratio Lower Upper
 88 100
 58 92.4 71.1 106.7
 43 39.4 30.6 46.0





#3

Pyridine

Concen: 43.404 ng

RT: 3.310 min Scan# 20

Delta R.T. 0.094 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

BNA_F

ClientSampleId :

PB166588BS

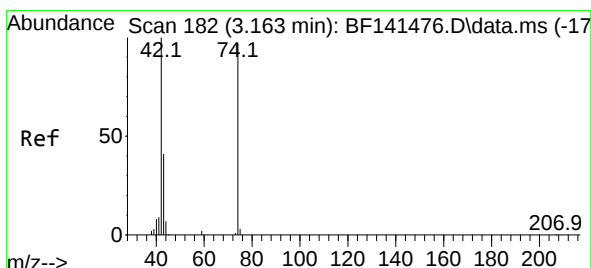
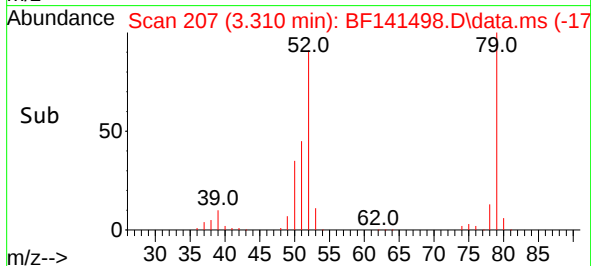
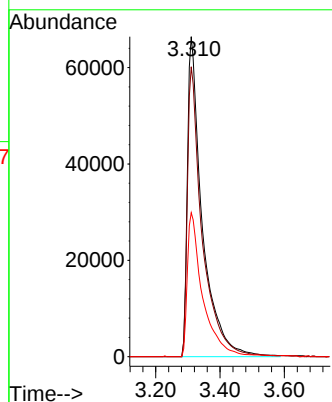
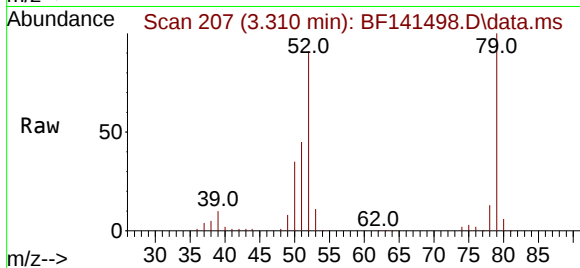
Tgt Ion: 79 Resp: 213020

Ion Ratio Lower Upper

79 100

52 90.6 73.7 110.5

51 45.0 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 46.234 ng

RT: 3.257 min Scan# 198

Delta R.T. 0.071 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

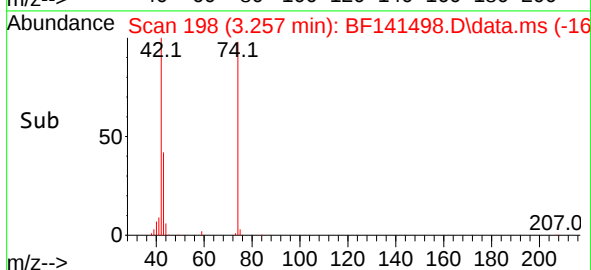
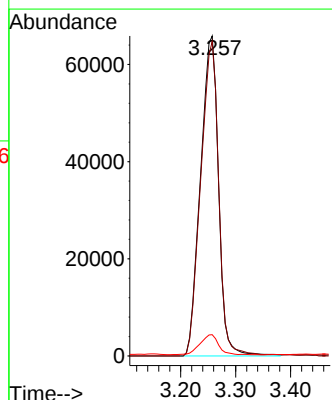
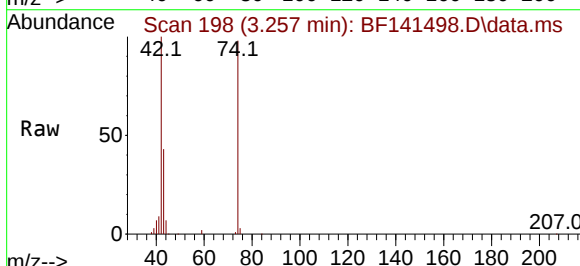
Tgt Ion: 42 Resp: 150248

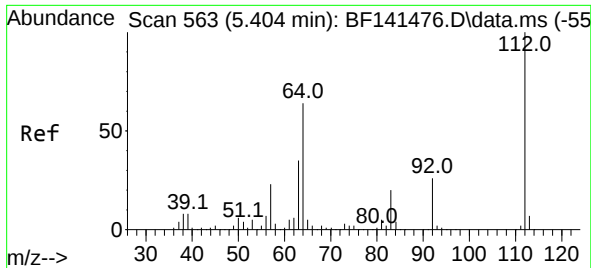
Ion Ratio Lower Upper

42 100

74 98.3 78.0 117.0

44 6.6 5.4 8.2

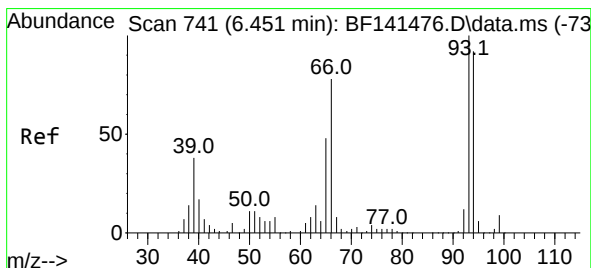
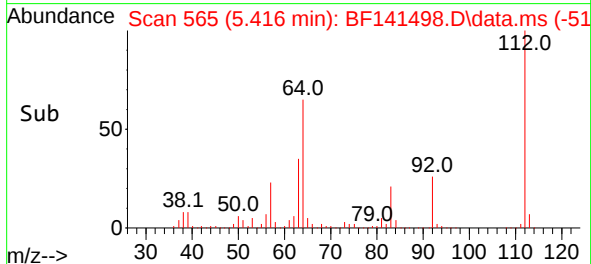
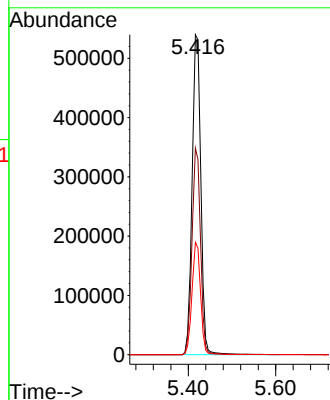
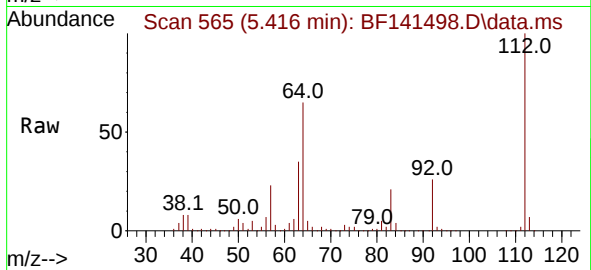




#5
2-Fluorophenol
Concen: 146.153 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

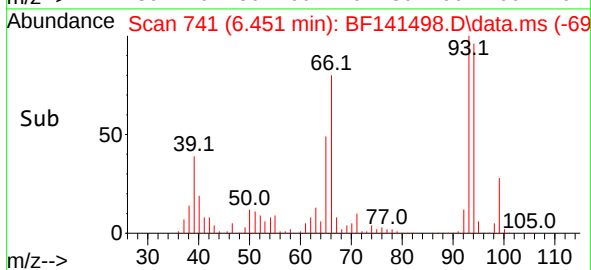
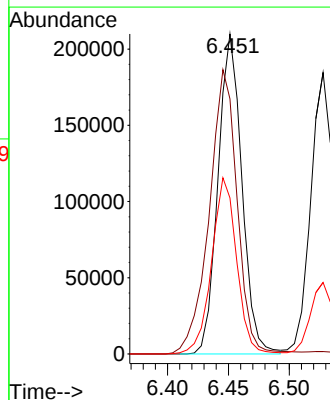
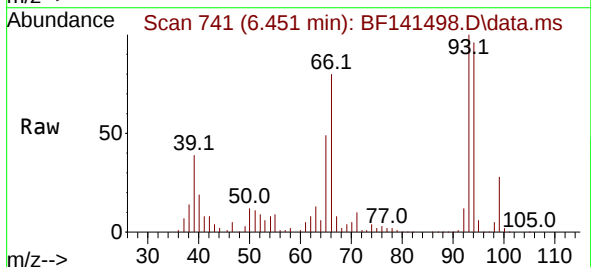
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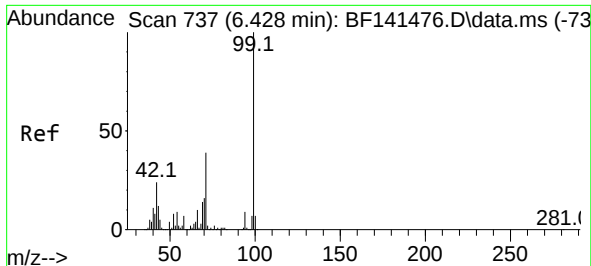
Tgt Ion:112 Resp: 748951
Ion Ratio Lower Upper
112 100
64 64.5 51.1 76.7
63 35.2 28.4 42.6



#6
Aniline
Concen: 47.118 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion: 93 Resp: 286269
Ion Ratio Lower Upper
93 100
66 79.7 62.6 94.0
65 48.7 38.3 57.5

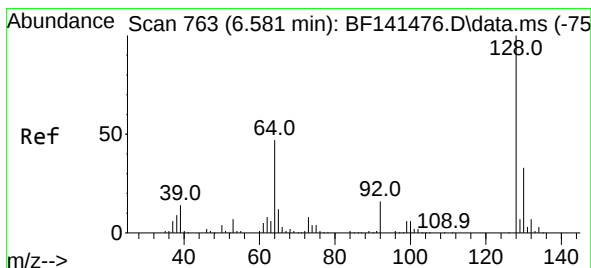
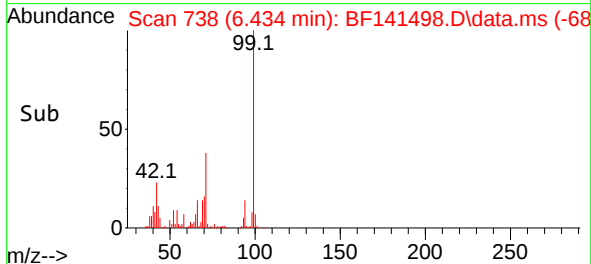
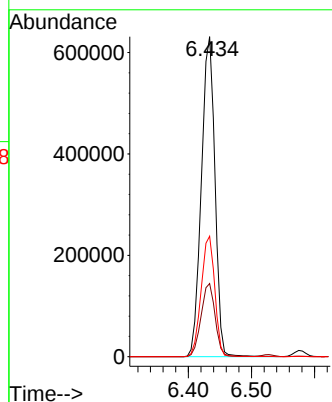
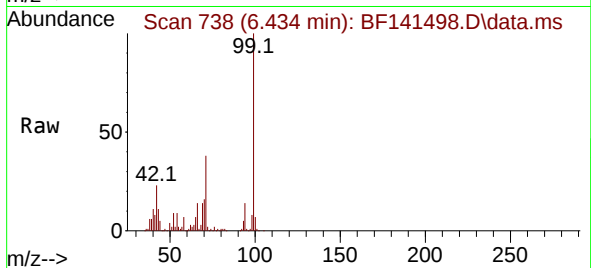




#7
Phenol-d6
Concen: 145.769 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

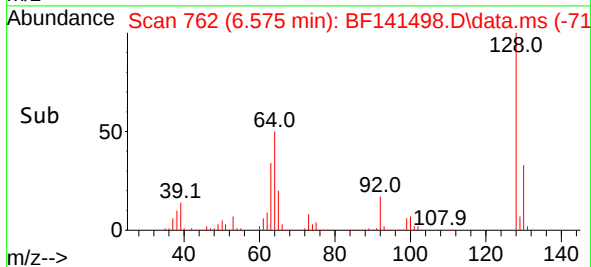
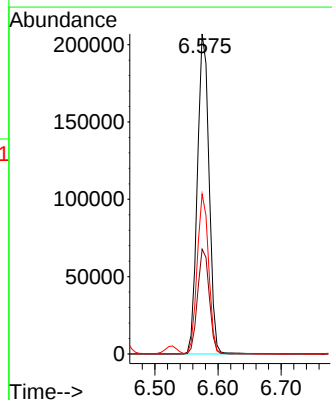
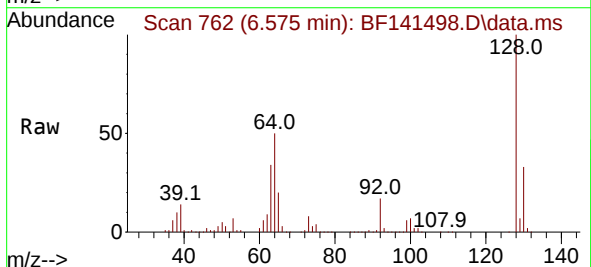
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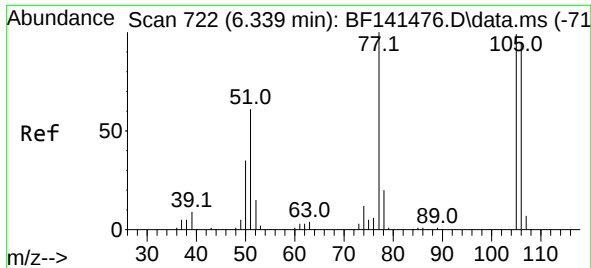
Tgt Ion: 99 Resp: 944127
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 37.7 31.1 46.7



#8
2-Chlorophenol
Concen: 47.928 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion: 128 Resp: 265384
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 50.0 28.3 68.3





#9

Benzaldehyde

Concen: 48.504 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

BNA_F

ClientSampleId :

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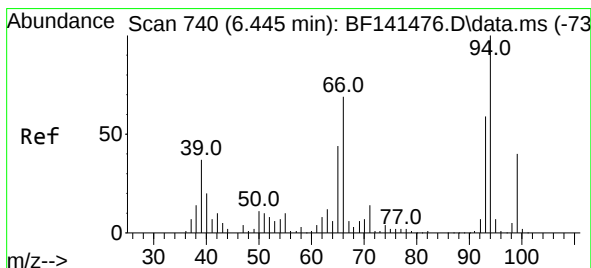
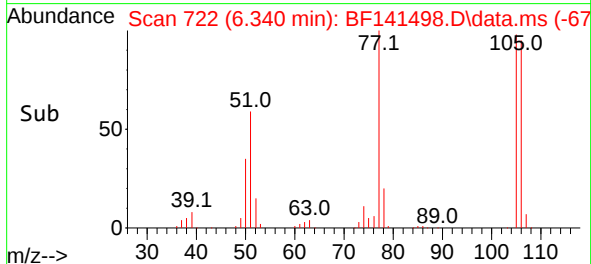
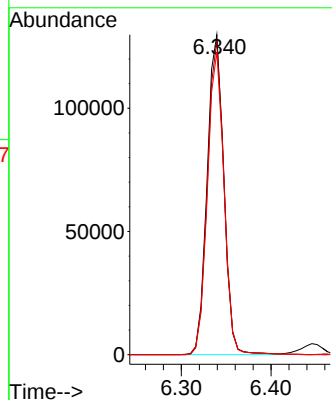
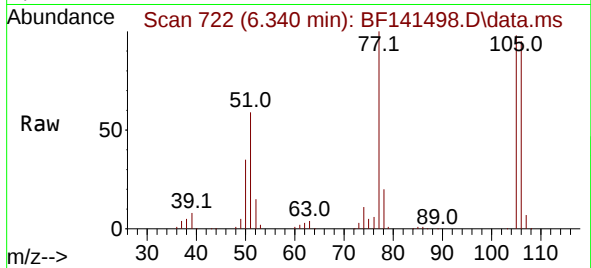
Tgt Ion: 77 Resp: 166942

Ion Ratio Lower Upper

77 100

105 98.0 79.4 119.4

106 94.7 75.1 115.1



#10

Phenol

Concen: 47.662 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

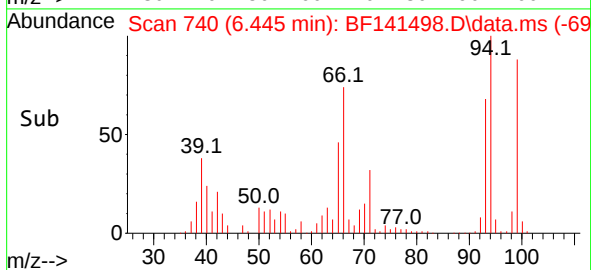
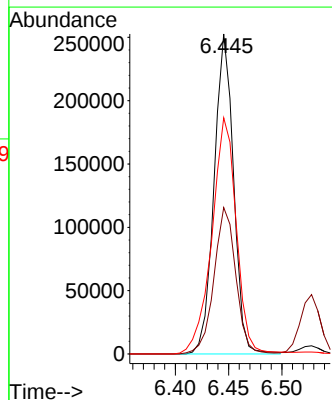
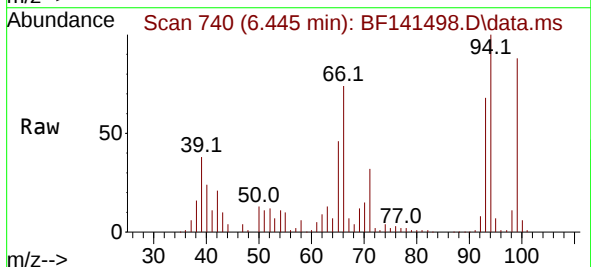
Tgt Ion: 94 Resp: 321299

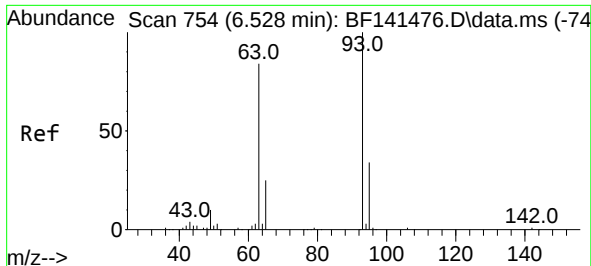
Ion Ratio Lower Upper

94 100

65 45.7 23.7 63.7

66 73.8 49.3 89.3

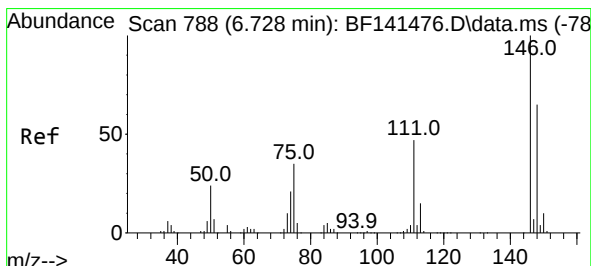
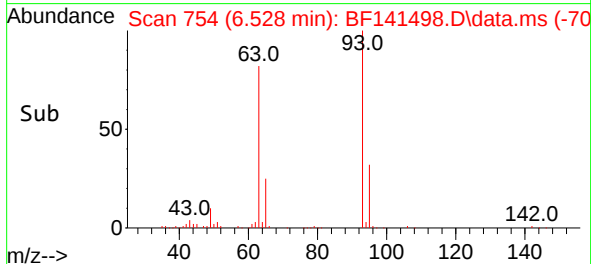
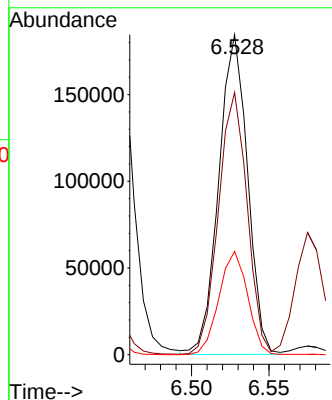
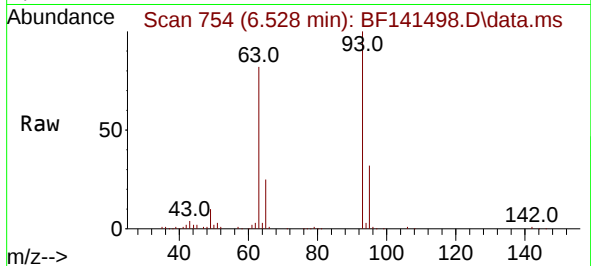




#11
bis(2-Chloroethyl)ether
Concen: 47.162 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

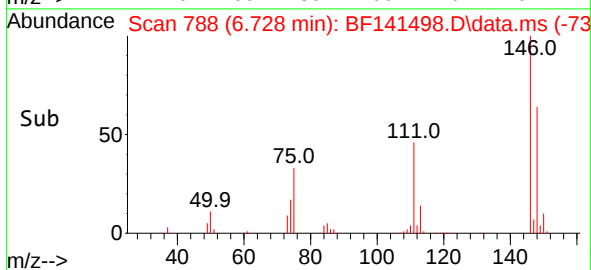
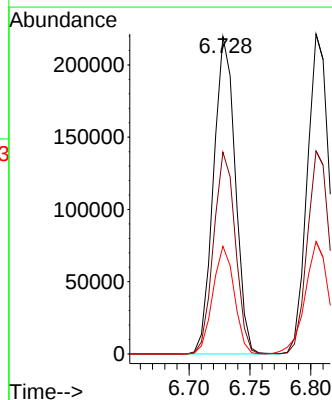
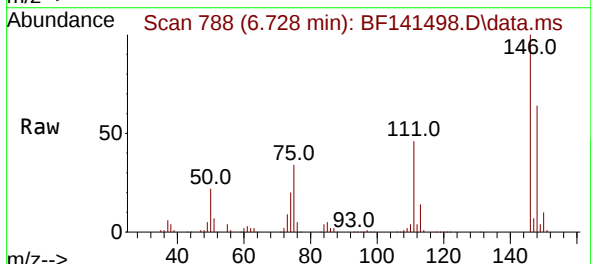
Instrument :
BNA_F
ClientSampleId :
PB166588BS

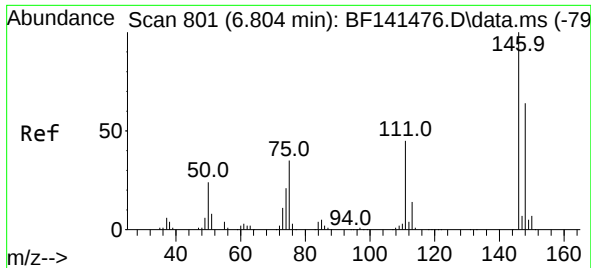
Tgt Ion: 93 Resp: 238796
Ion Ratio Lower Upper
93 100
63 81.9 62.0 102.0
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.699 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:146 Resp: 272988
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 33.9 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 46.535 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

BNA_F

ClientSampleId :

PB166588BS

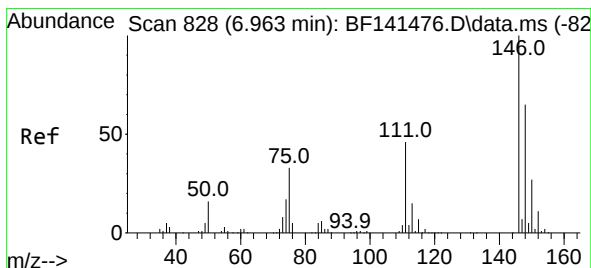
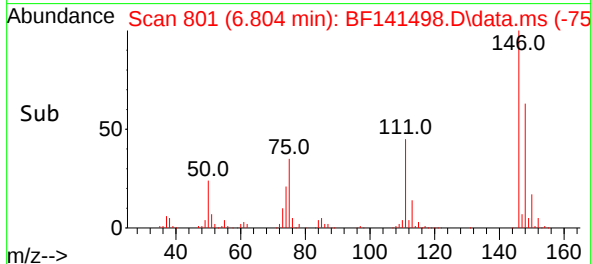
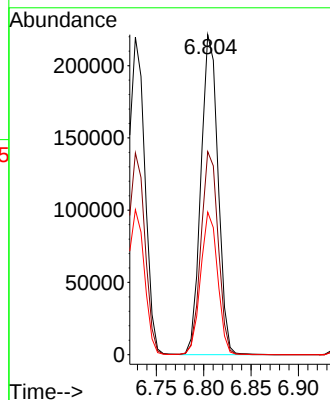
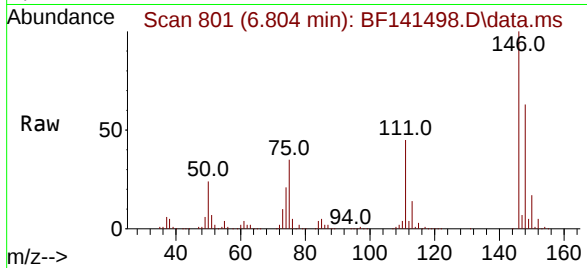
Tgt Ion:146 Resp: 277936

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

111 44.5 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 47.465 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

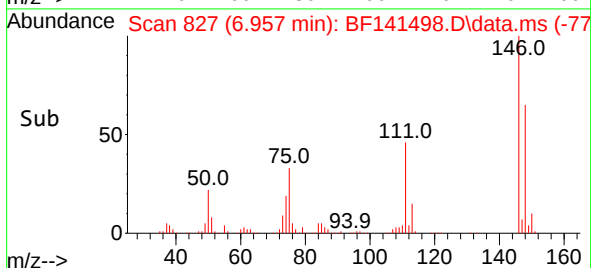
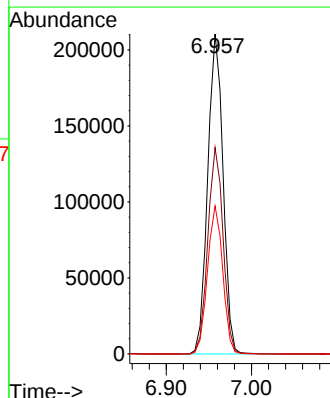
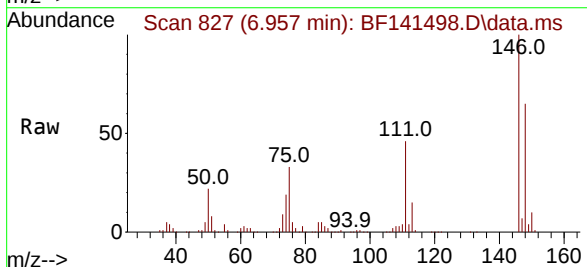
Tgt Ion:146 Resp: 263115

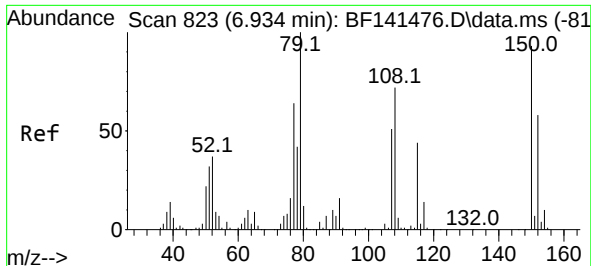
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

111 46.3 37.0 55.4

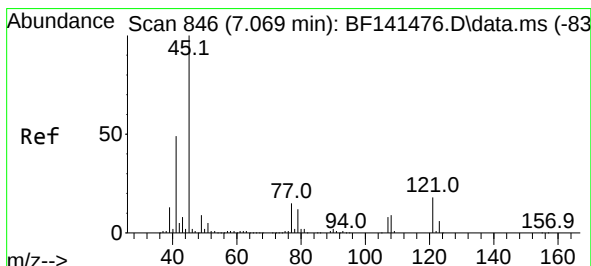
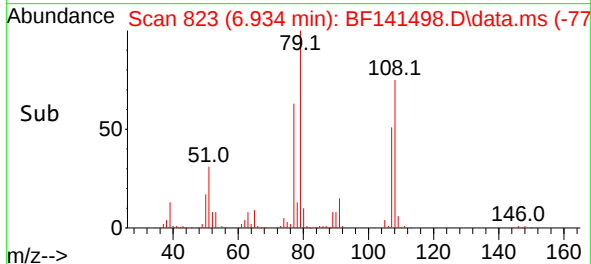
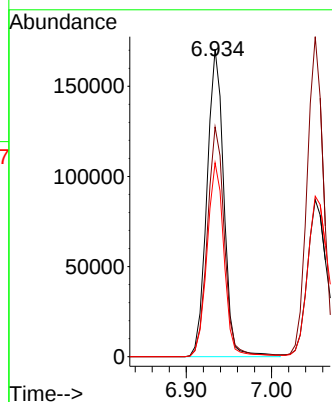
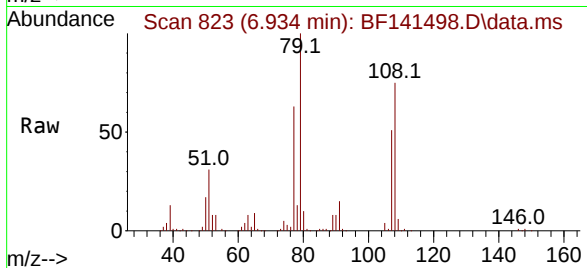




#15
Benzyl Alcohol
Concen: 47.278 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

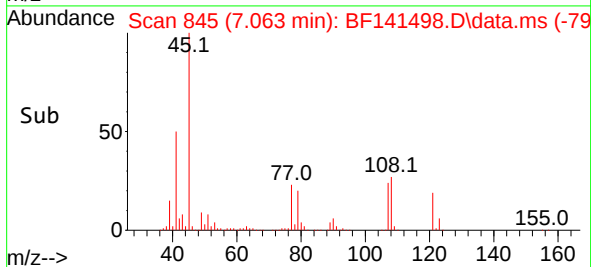
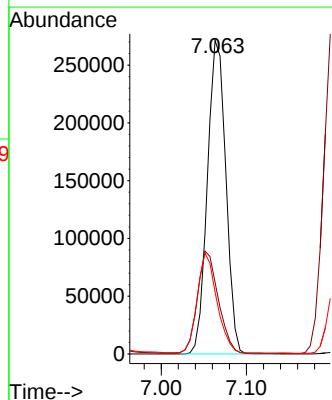
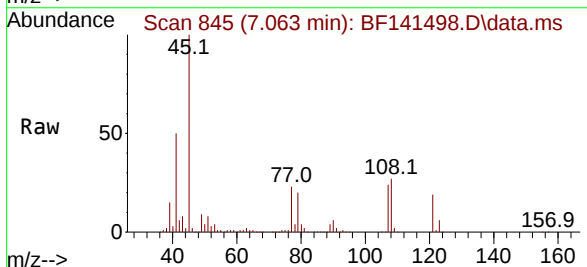
Instrument :
BNA_F
ClientSampleId :
PB166588BS

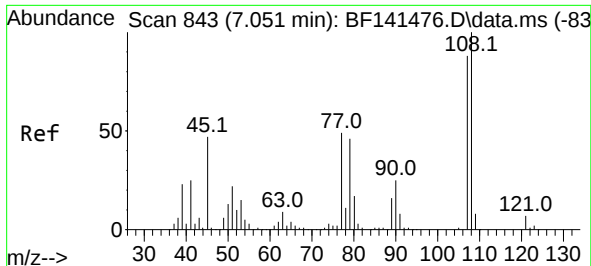
Tgt Ion: 79 Resp: 234819
Ion Ratio Lower Upper
79 100
108 74.7 57.4 86.2
77 63.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.209 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion: 45 Resp: 409183
Ion Ratio Lower Upper
45 100
77 22.8 0.0 35.8
79 19.8 0.0 32.7

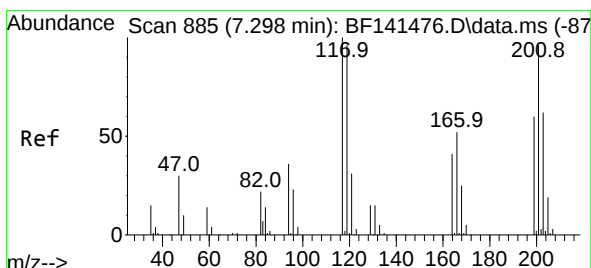
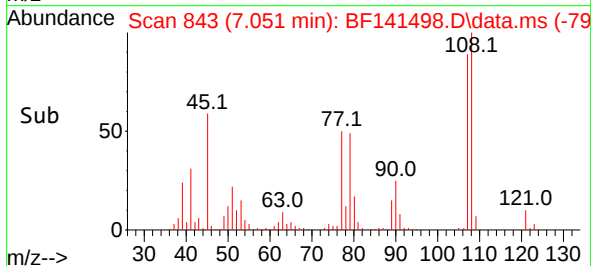
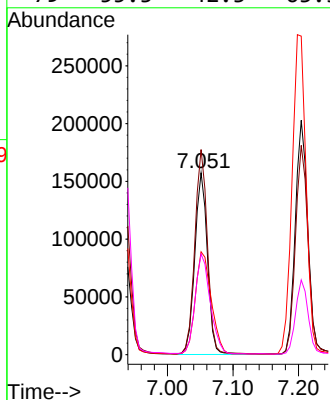
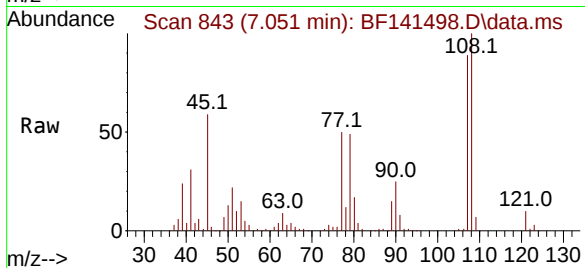




#17
2-Methylphenol
Concen: 48.924 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

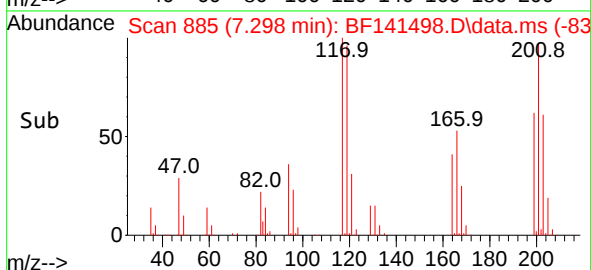
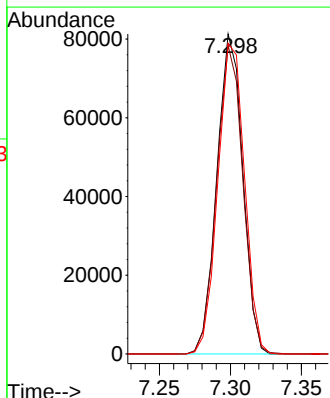
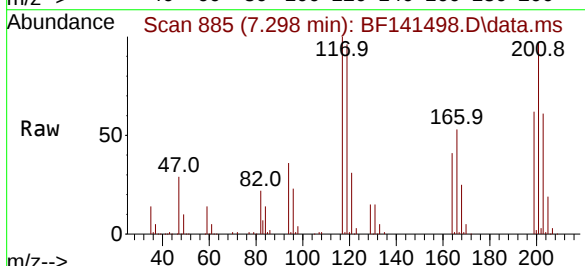
Instrument :
BNA_F
ClientSampleId :
PB166588BS

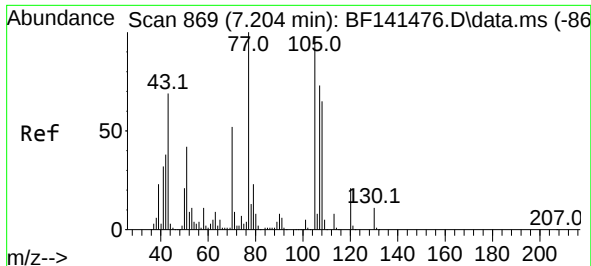
Tgt Ion:	107	Resp:	211995
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.6	136.0
77	56.6	44.4	66.6
79	55.3	42.3	63.5



#18
Hexachloroethane
Concen: 46.716 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:	117	Resp:	103261
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.5	114.7
201	97.1	76.7	115.1



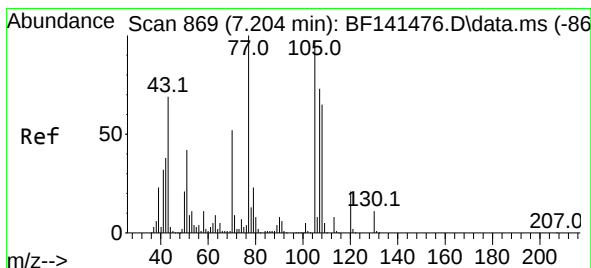
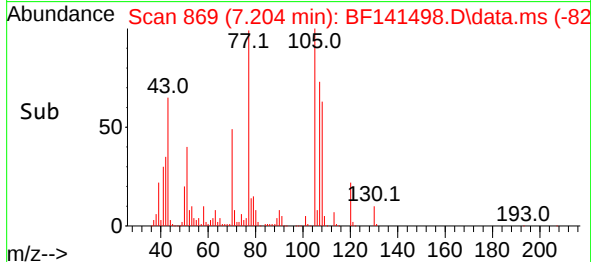
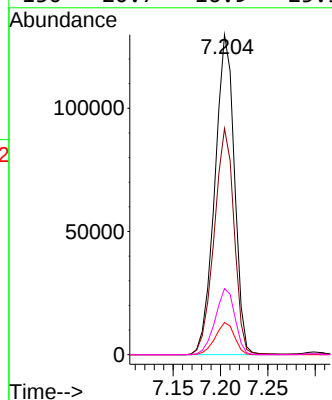
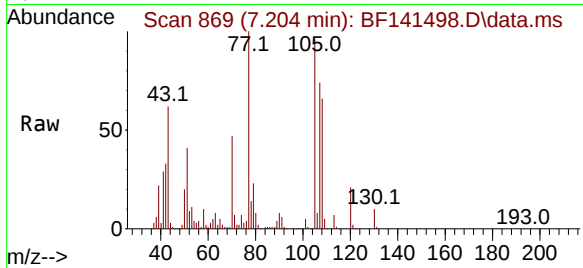


#19
n-Nitroso-di-n-propylamine
Concen: 48.370 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Instrument :
BNA_F
ClientSampleId :
PB166588BS

Tgt Ion: 70 Resp: 187395

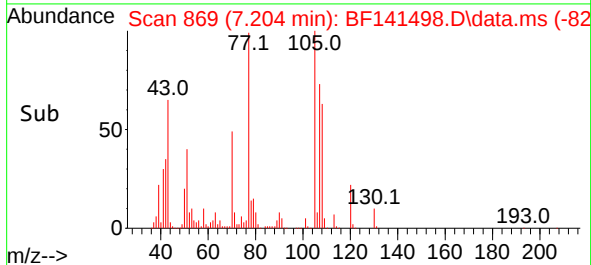
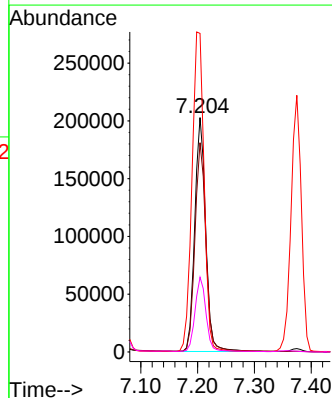
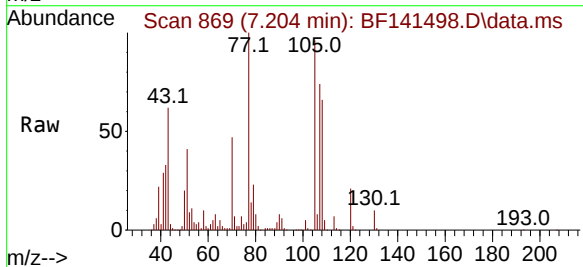
Ion	Ratio	Lower	Upper
70	100		
42	70.7	57.4	86.2
101	10.1	8.0	12.0
130	20.7	16.9	25.3

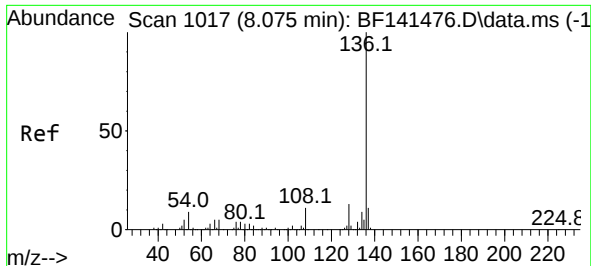


#20
3+4-Methylphenols
Concen: 49.342 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion: 107 Resp: 271718

Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.5	108.5
77	135.9	116.5	156.5
79	31.8	12.0	52.0

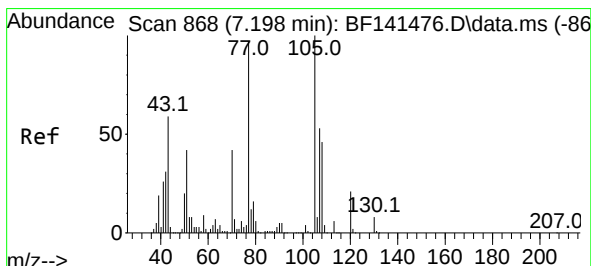
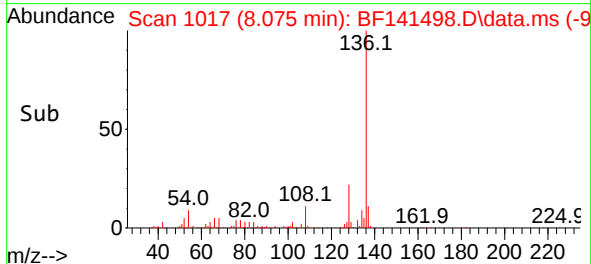
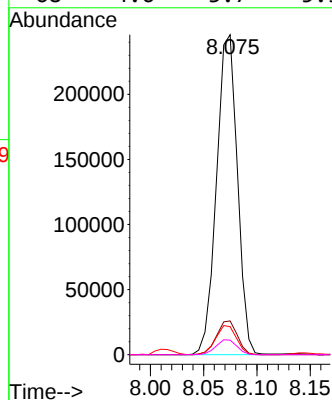
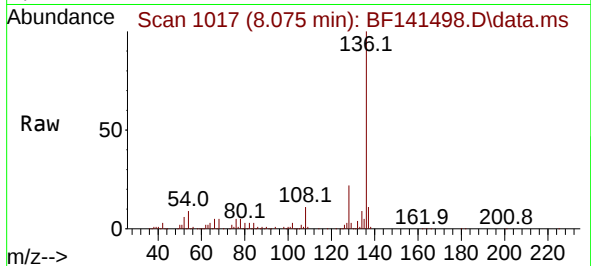




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

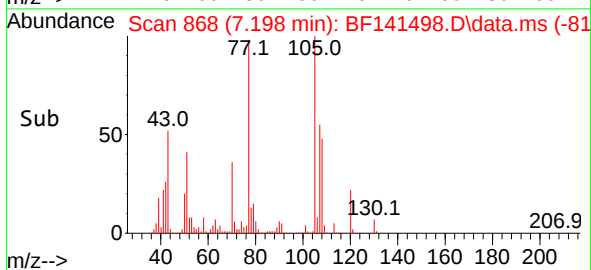
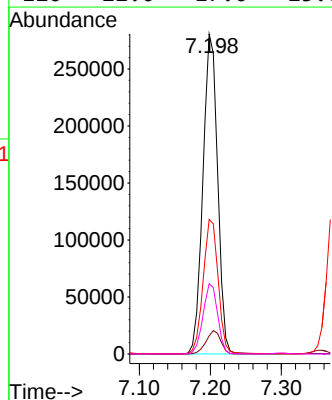
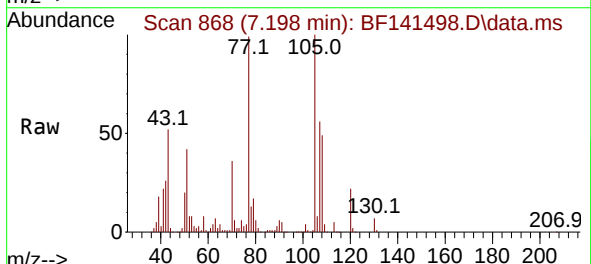
Instrument :
BNA_F
ClientSampleId :
PB166588BS

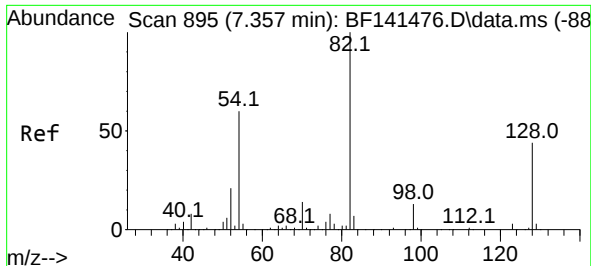
Tgt Ion:	136	Resp:	334898
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.8	7.2	10.8
68	4.6	3.7	5.5



#22
Acetophenone
Concen: 48.625 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:	105	Resp:	405086
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.7	8.5#
51	42.0	33.7	50.5
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 96.660 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

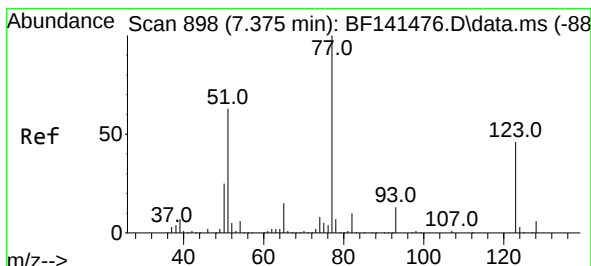
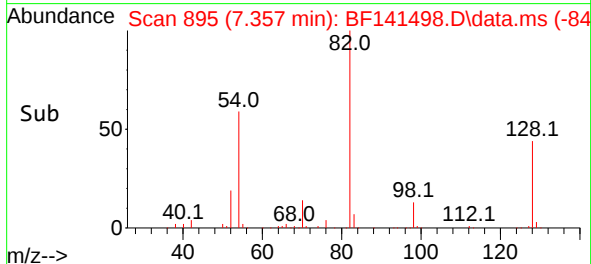
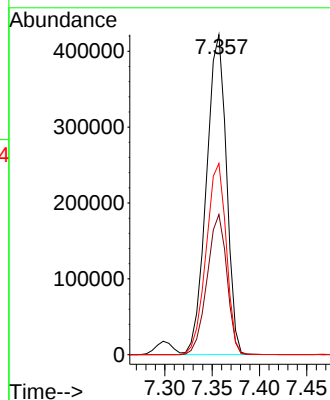
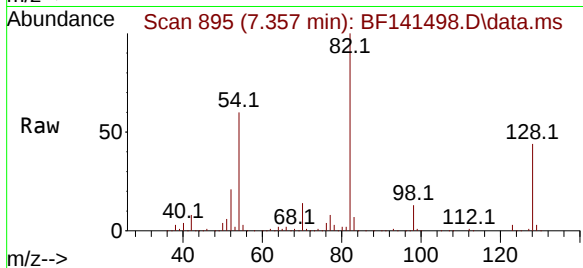
BNA_F

ClientSampleId :

PB166588BS

Tgt Ion: 82 Resp: 620636

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.8	52.2
54	59.7	48.2	72.4



#24

Nitrobenzene

Concen: 44.779 ng

RT: 7.375 min Scan# 898

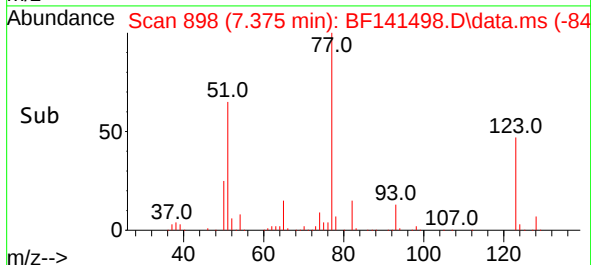
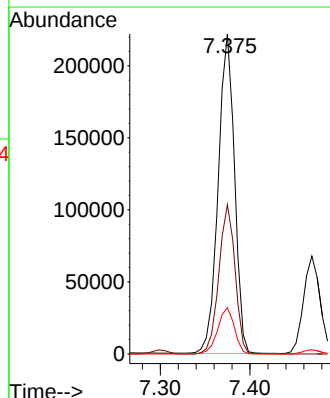
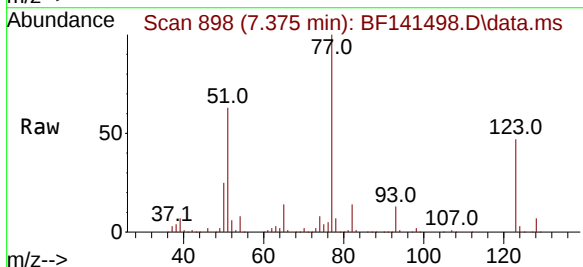
Delta R.T. -0.006 min

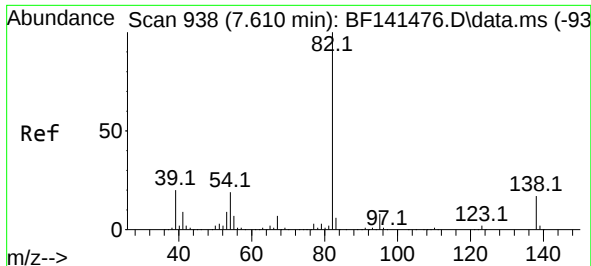
Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Tgt Ion: 77 Resp: 280368

Ion	Ratio	Lower	Upper
77	100		
123	46.6	36.9	55.3
65	14.5	11.9	17.9

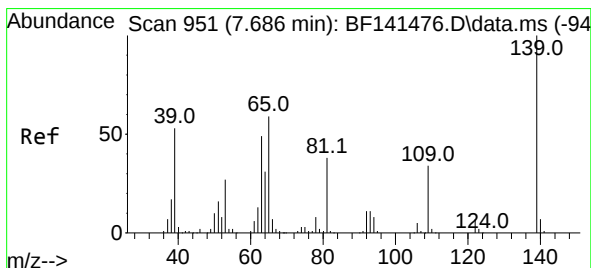
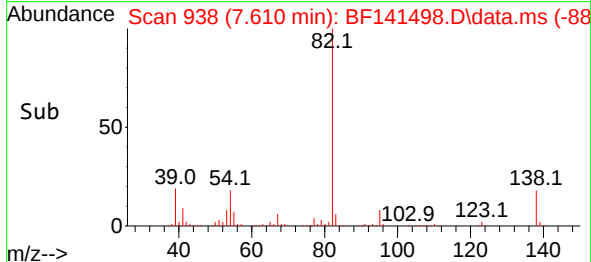
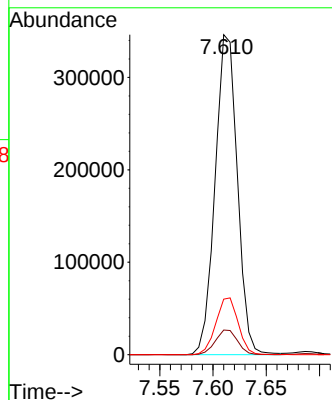
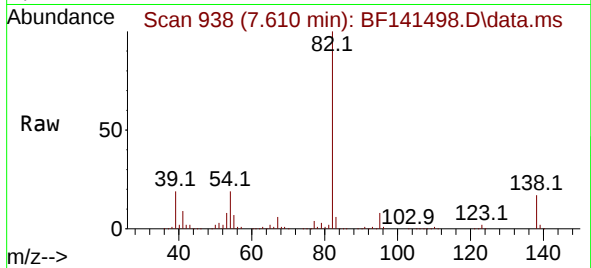




#25
Isophorone
Concen: 49.083 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

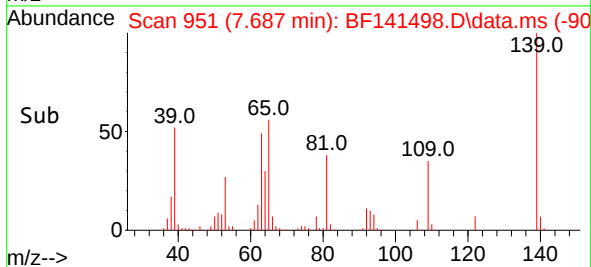
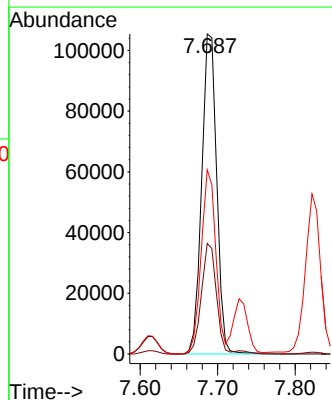
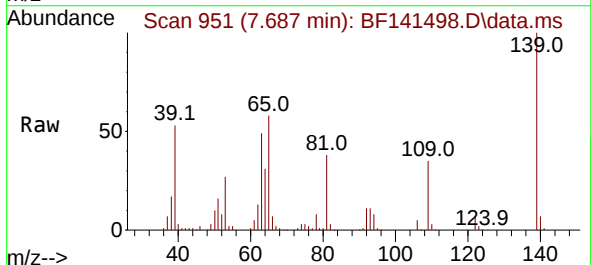
Instrument :
BNA_F
ClientSampleId :
PB166588BS

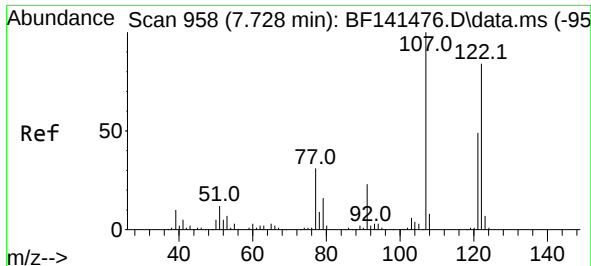
Tgt Ion: 82 Resp: 502497
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 45.493 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:139 Resp: 141710
Ion Ratio Lower Upper
139 100
109 34.5 27.0 40.6
65 57.6 47.1 70.7

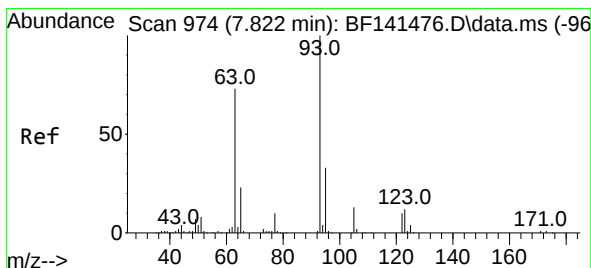
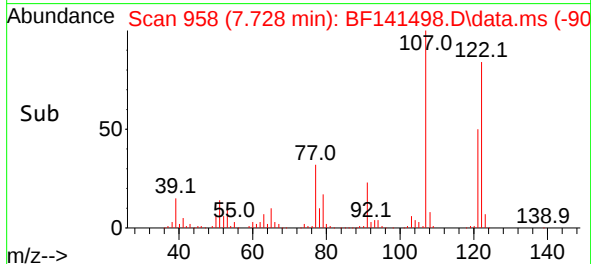
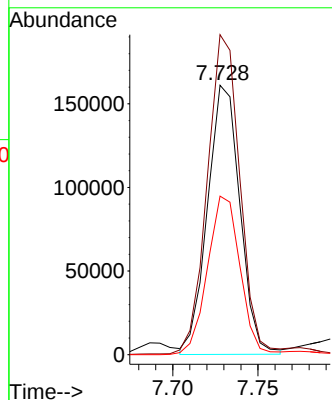
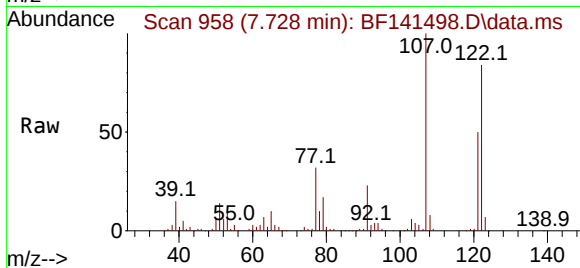




#27
2,4-Dimethylphenol
Concen: 58.661 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

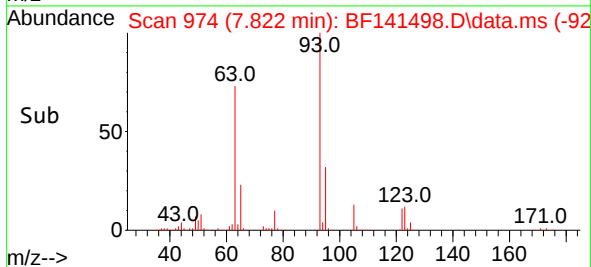
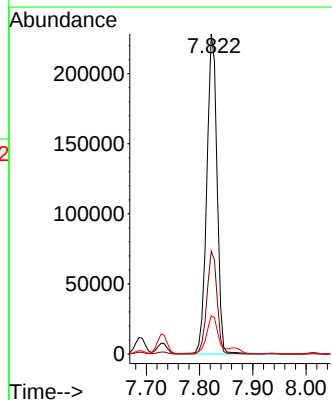
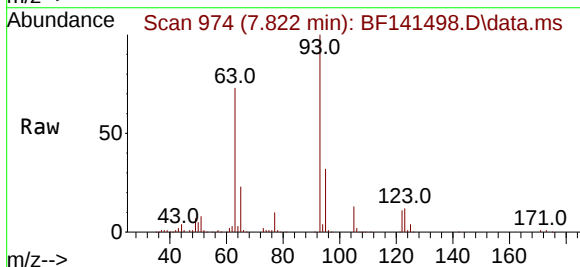
Instrument :
BNA_F
ClientSampleId :
PB166588BS

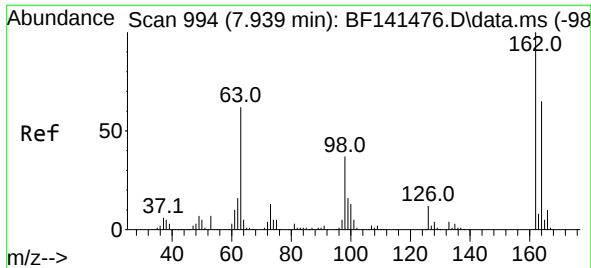
Tgt Ion:122 Resp: 213466
Ion Ratio Lower Upper
122 100
107 118.7 94.3 141.5
121 58.9 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.327 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion: 93 Resp: 303913
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 12.0 9.5 14.3

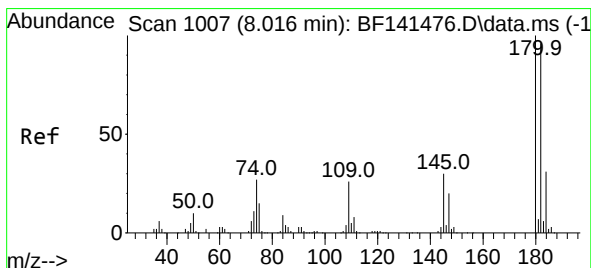
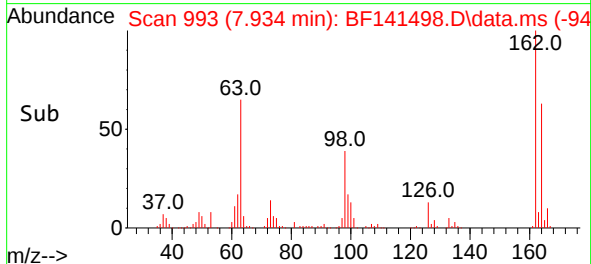
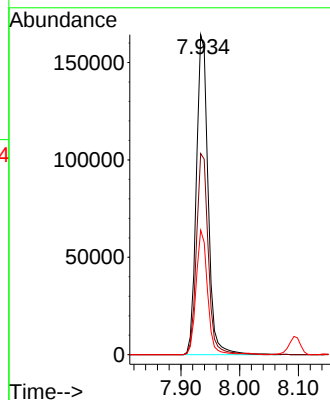
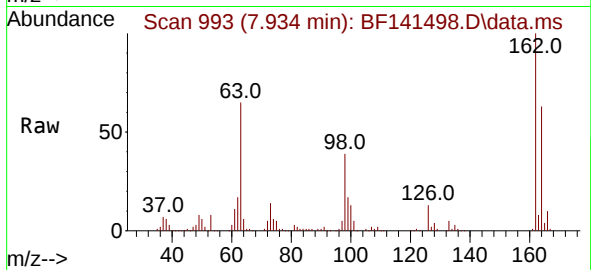




#29
2,4-Dichlorophenol
Concen: 46.373 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

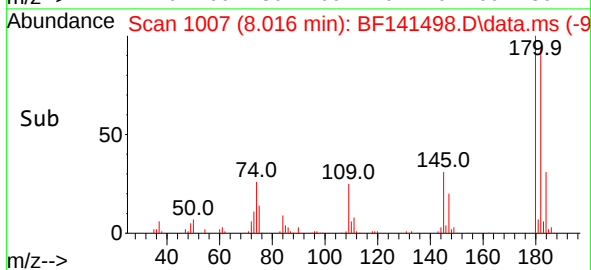
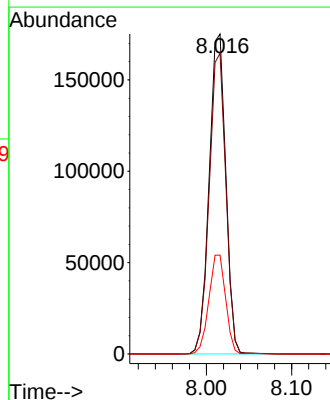
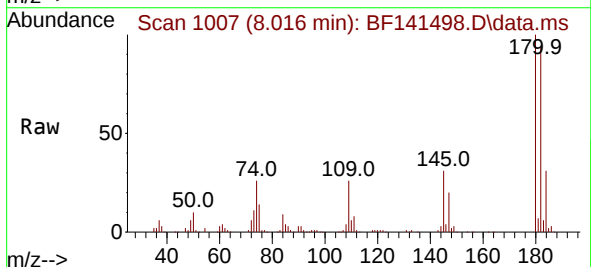
Instrument :
BNA_F
ClientSampleId :
PB166588BS

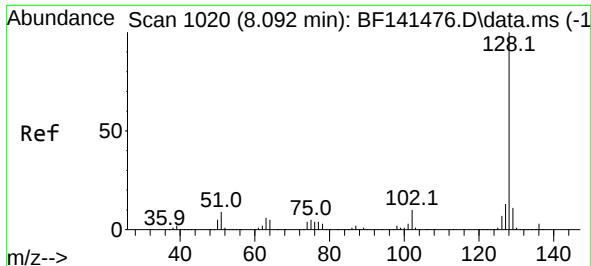
Tgt Ion:162 Resp: 228008
Ion Ratio Lower Upper
162 100
164 62.9 44.6 84.6
98 38.9 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 44.379 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

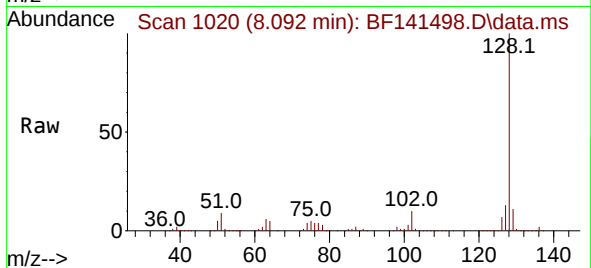
Tgt Ion:180 Resp: 237617
Ion Ratio Lower Upper
180 100
182 94.0 76.8 115.2
145 30.9 24.2 36.4



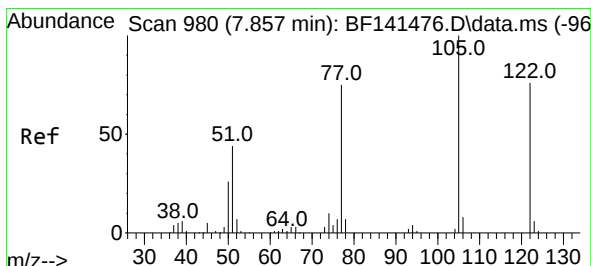
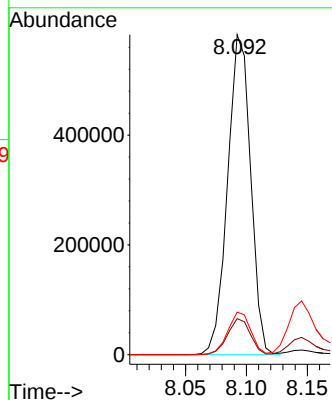
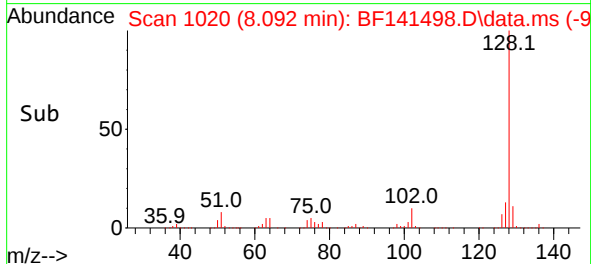


#31
Naphthalene
Concen: 43.982 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

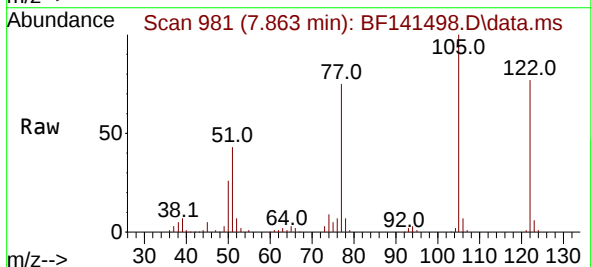
Instrument :
BNA_F
ClientSampleId :
PB166588BS



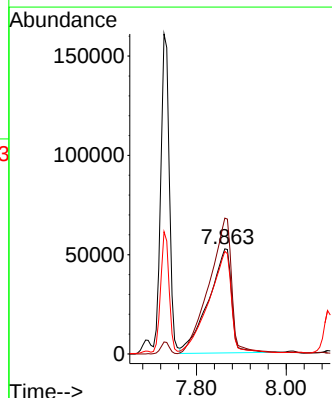
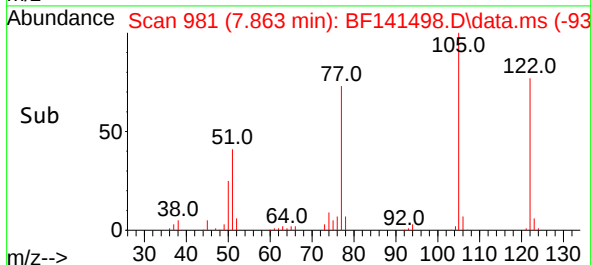
Tgt Ion:128 Resp: 766733
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.7 16.1

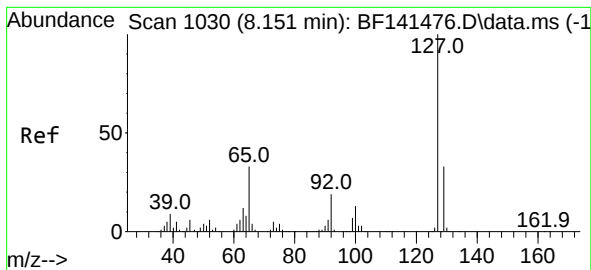


#32
Benzoic acid
Concen: 49.561 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47



Tgt Ion:122 Resp: 187334
Ion Ratio Lower Upper
122 100
105 129.3 106.5 146.5
77 97.5 76.3 116.3

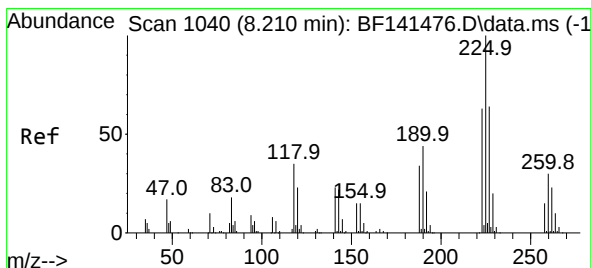
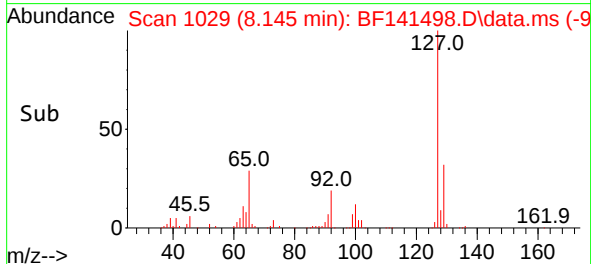
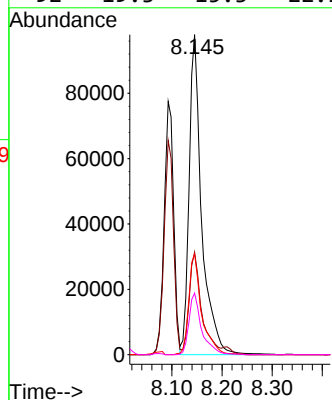
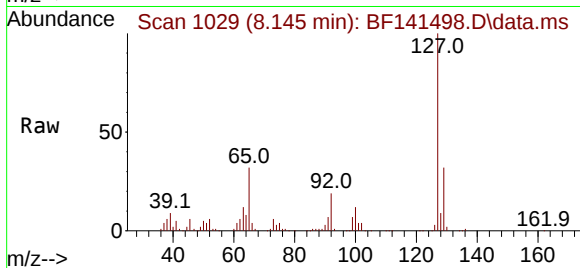




#33
4-Chloroaniline
Concen: 28.147 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

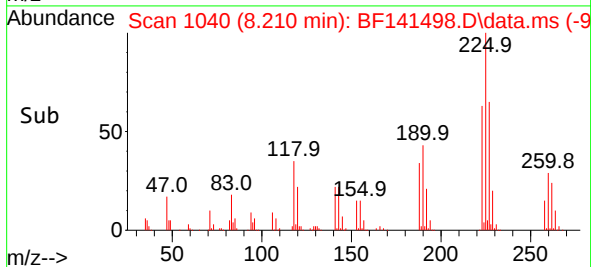
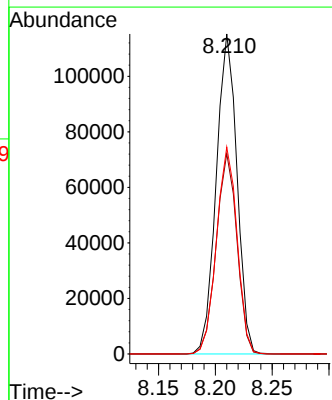
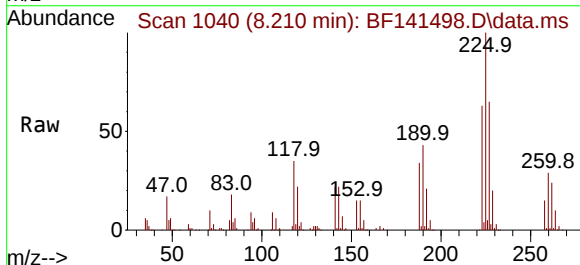
Instrument :
BNA_F
ClientSampleId :
PB166588BS

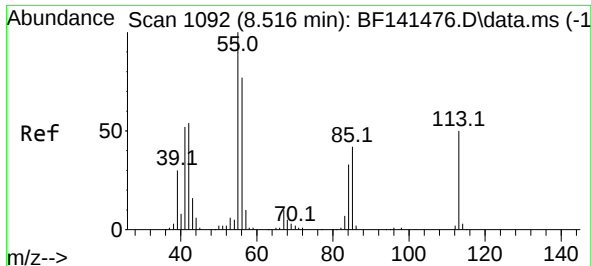
Tgt Ion:	127	Resp:	171316
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.5	39.7
65	31.5	26.4	39.6
92	19.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 45.440 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:	225	Resp:	146059
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.1	75.1
227	64.7	51.0	76.6

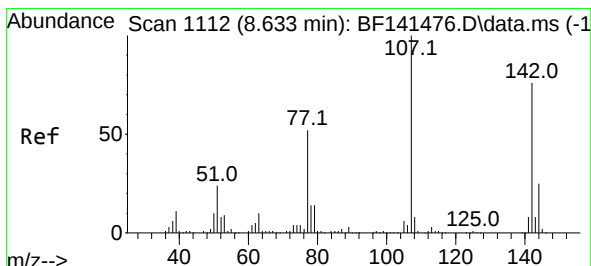
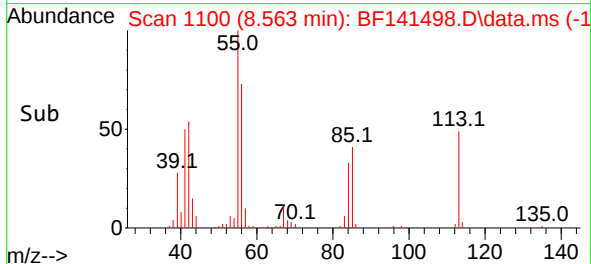
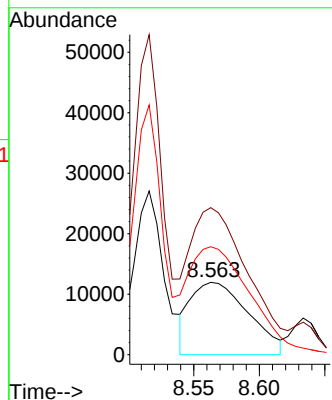
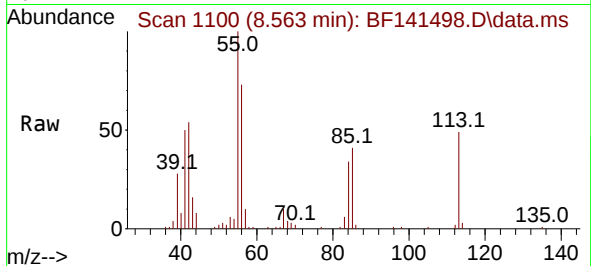




#35
 Caprolactam
 Concen: 24.618 ng
 RT: 8.563 min Scan# 1110
 Delta R.T. 0.018 min
 Lab File: BF141498.D
 Acq: 07 Feb 2025 10:47

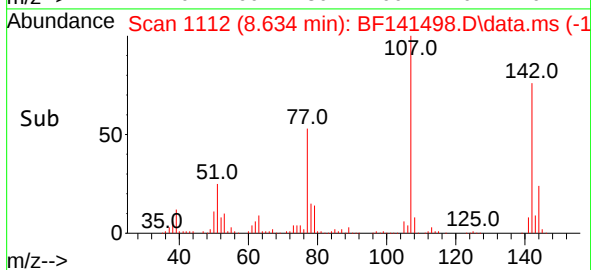
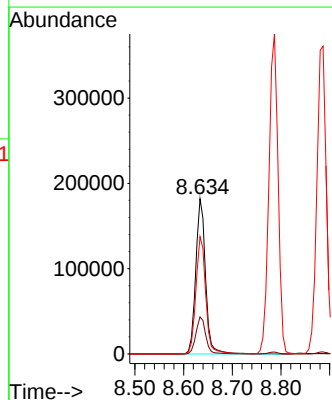
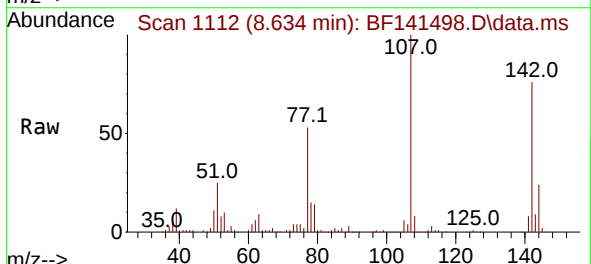
Instrument :
 BNA_F
 ClientSampleId :
 PB166588BS

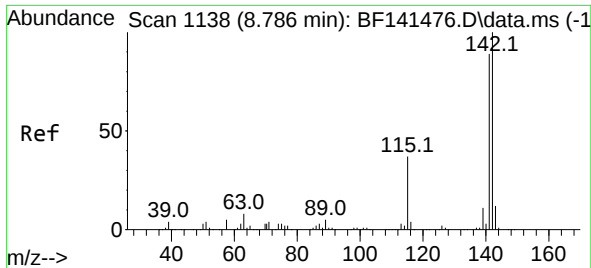
Tgt Ion:113 Resp: 36853
 Ion Ratio Lower Upper
 113 100
 55 203.3 180.8 220.8
 56 149.2 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.712 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141498.D
 Acq: 07 Feb 2025 10:47

Tgt Ion:107 Resp: 254414
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.7 29.5
 142 75.6 60.8 91.2

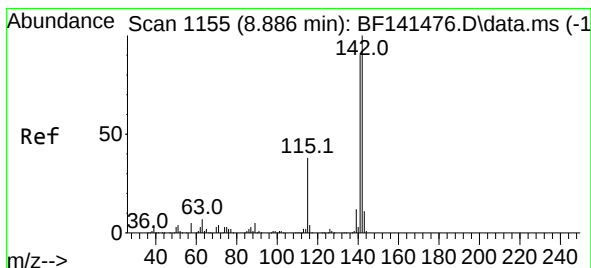
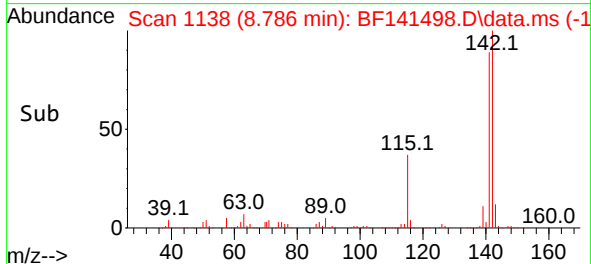
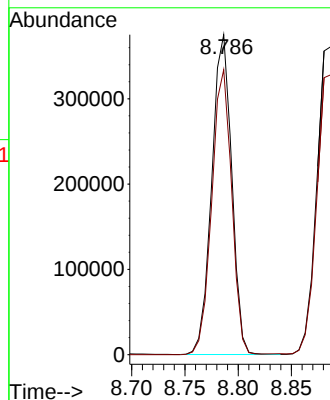
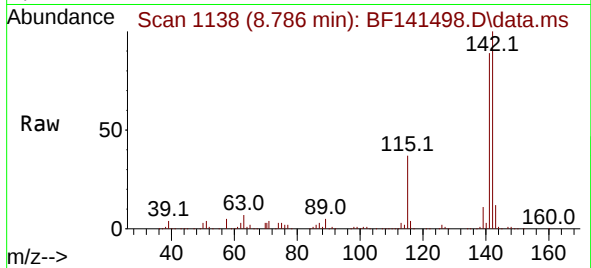




#37
2-Methylnaphthalene
Concen: 42.922 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

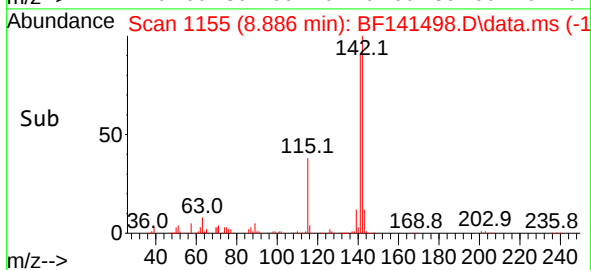
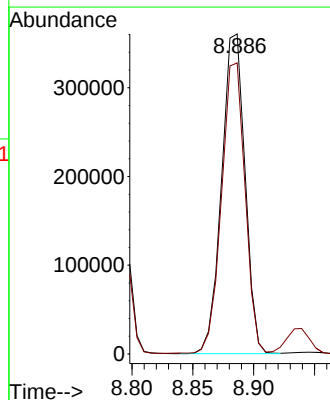
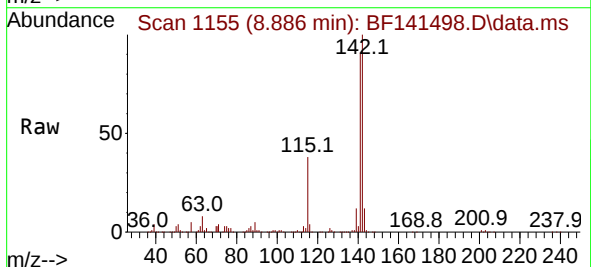
Instrument :
BNA_F
ClientSampleId :
PB166588BS

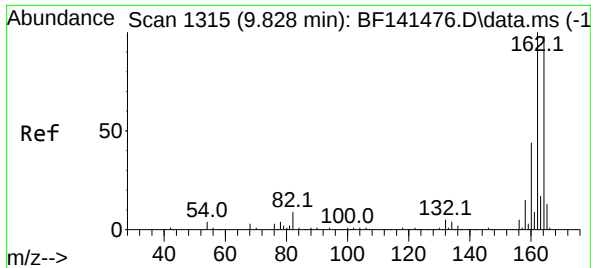
Tgt Ion:142 Resp: 486912
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 43.869 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:142 Resp: 481986
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1

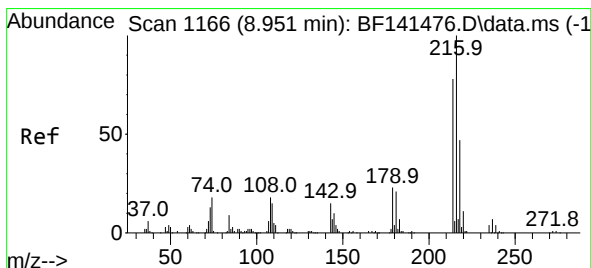
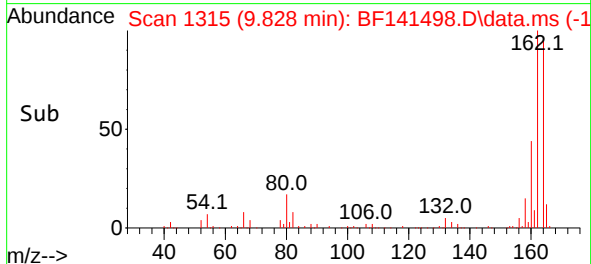
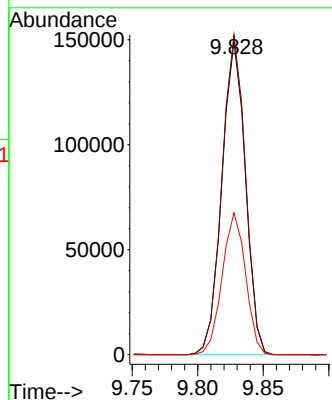
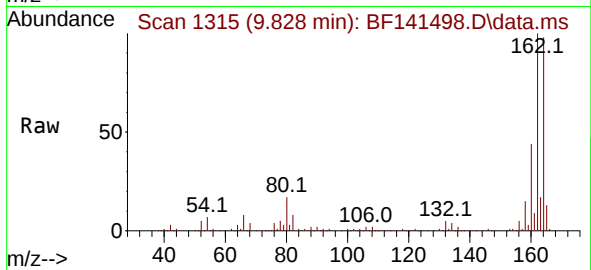




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

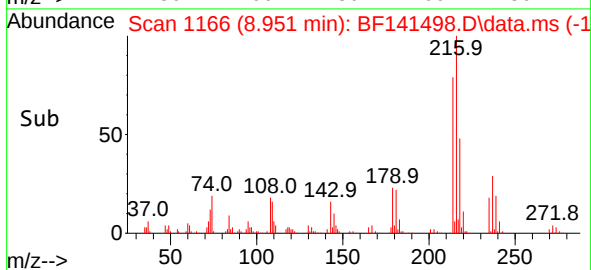
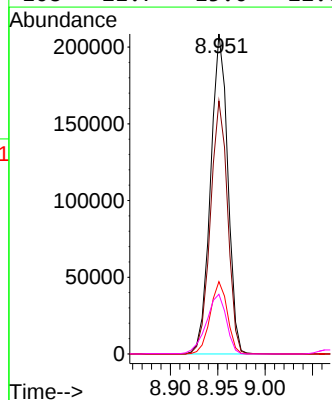
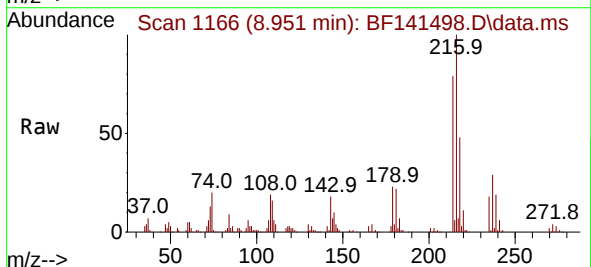
Instrument :
BNA_F
ClientSampleId :
PB166588BS

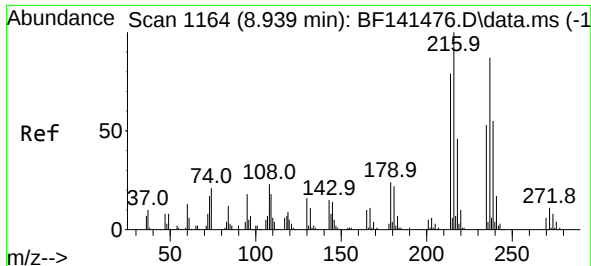
Tgt Ion:164 Resp: 185945
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.3 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.060 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:216 Resp: 263922
Ion Ratio Lower Upper
216 100
214 78.9 62.3 93.5
179 22.5 18.0 27.0
108 21.7 15.0 22.6

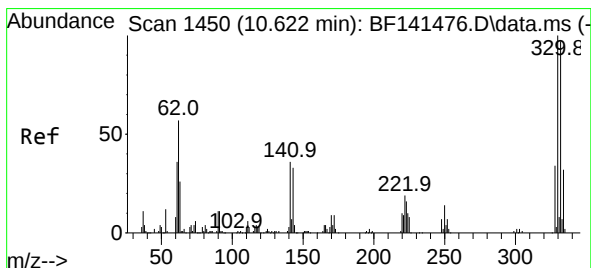
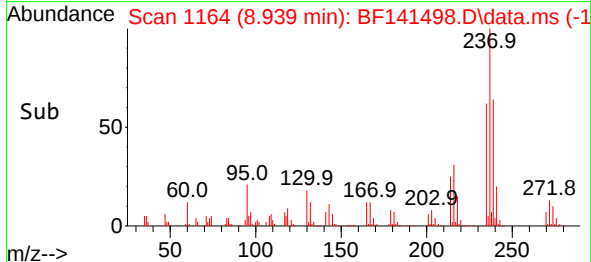
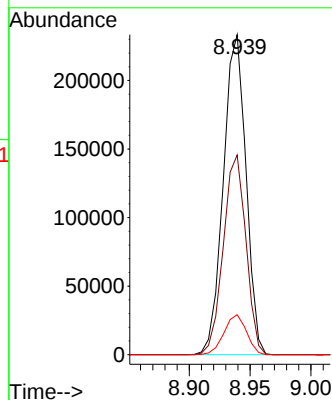
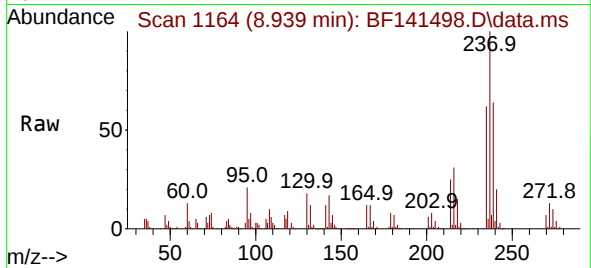




#41
Hexachlorocyclopentadiene
Concen: 169.024 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

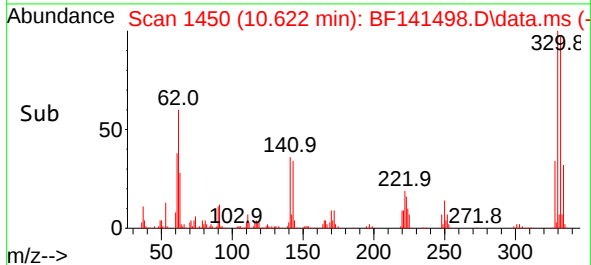
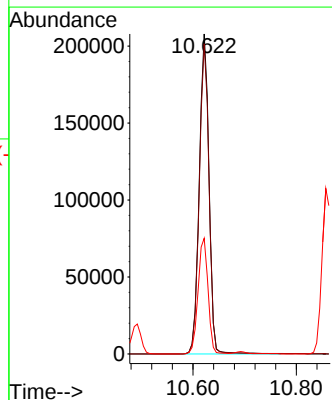
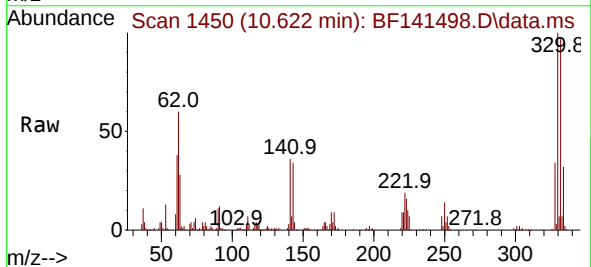
Instrument :
BNA_F
ClientSampleId :
PB166588BS

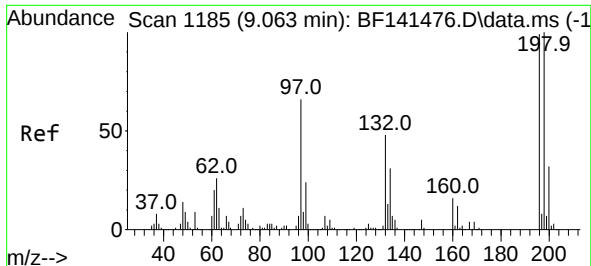
Tgt Ion:237 Resp: 302435
Ion Ratio Lower Upper
237 100
235 62.4 41.4 81.4
272 12.5 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 145.662 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:330 Resp: 272082
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 37.0 31.0 46.4

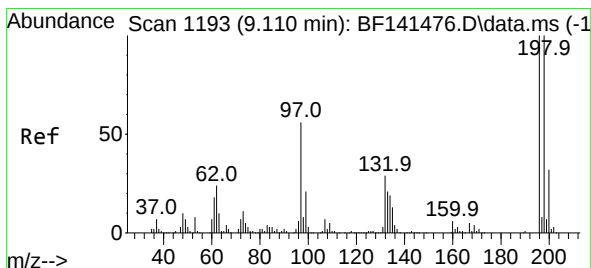
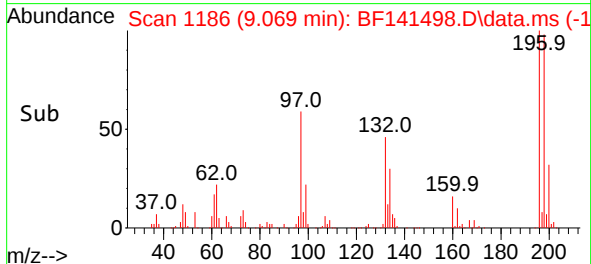
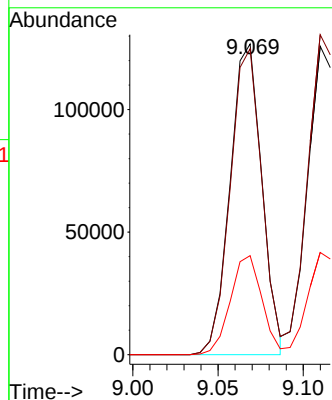
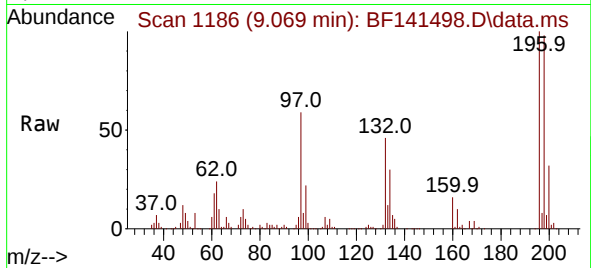




#43
2,4,6-Trichlorophenol
Concen: 47.375 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

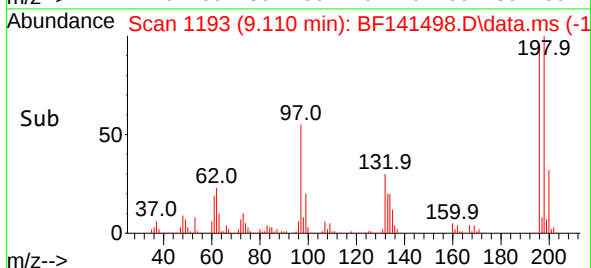
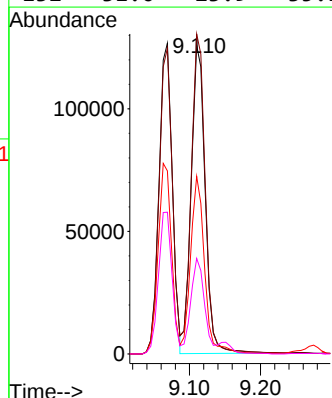
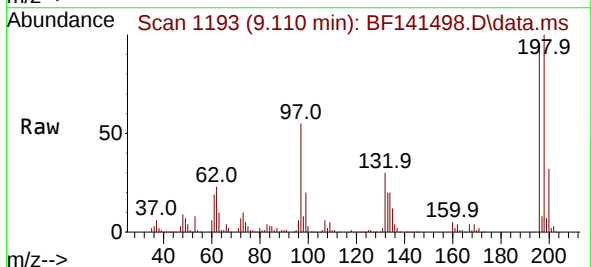
Instrument :
BNA_F
ClientSampleId :
PB166588BS

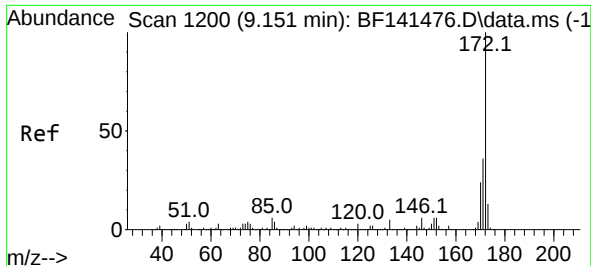
Tgt Ion:196 Resp: 164721
Ion Ratio Lower Upper
196 100
198 98.4 80.6 121.0
200 31.9 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 45.730 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:196 Resp: 172319
Ion Ratio Lower Upper
196 100
198 103.7 79.8 119.8
97 57.6 44.8 67.2
132 31.0 23.9 35.9

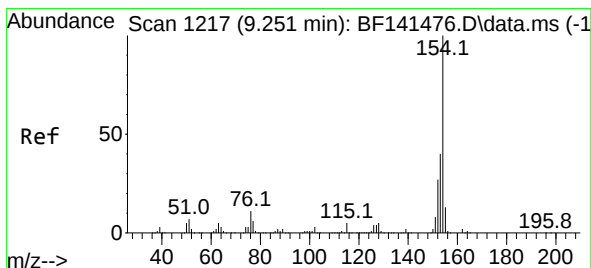
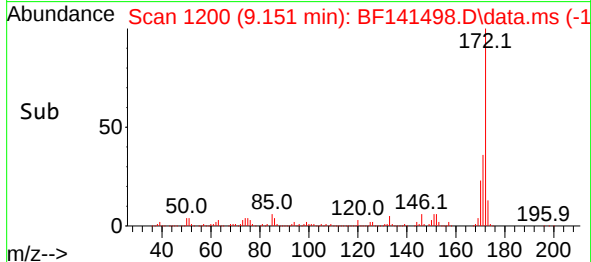
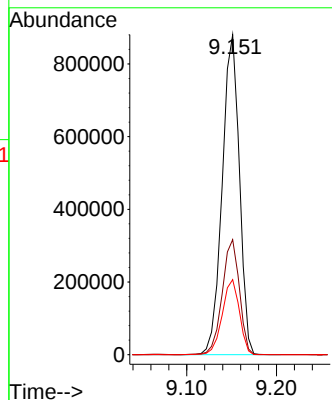
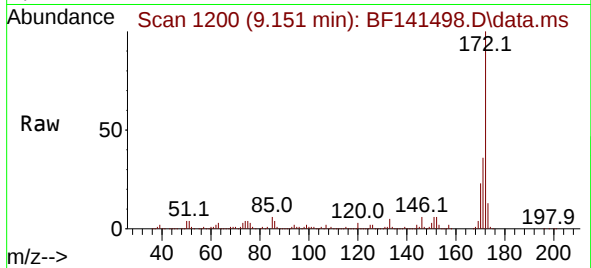




#45
2-Fluorobiphenyl
Concen: 96.807 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

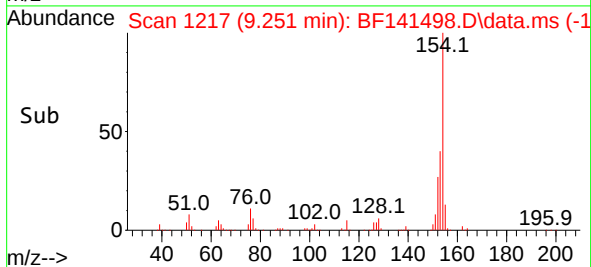
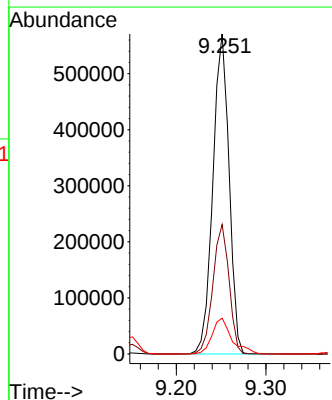
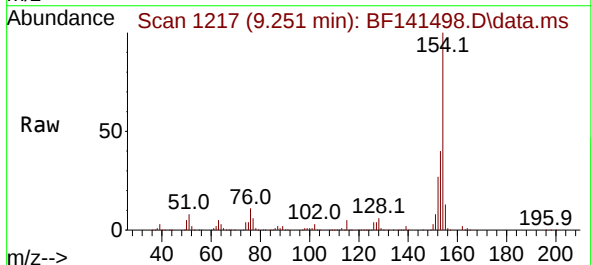
Instrument :
BNA_F
ClientSampleId :
PB166588BS

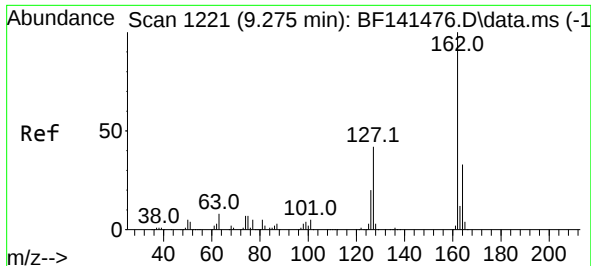
Tgt Ion:172 Resp: 1168393
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 49.560 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:154 Resp: 714451
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.2 0.0 30.8

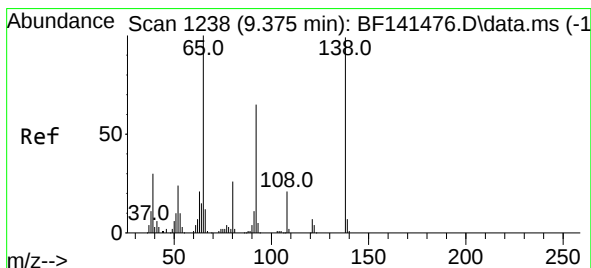
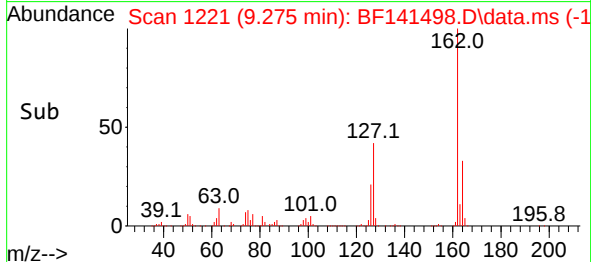
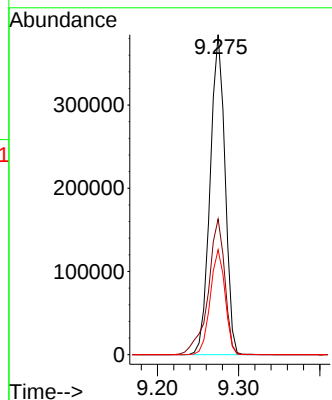
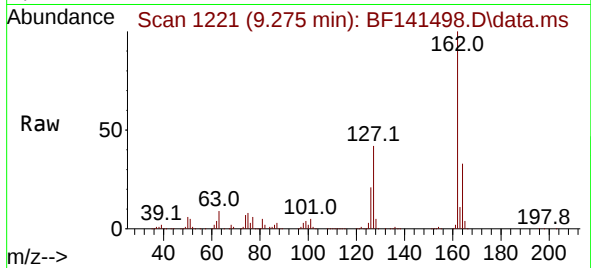




#47
2-Chloronaphthalene
Concen: 45.923 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

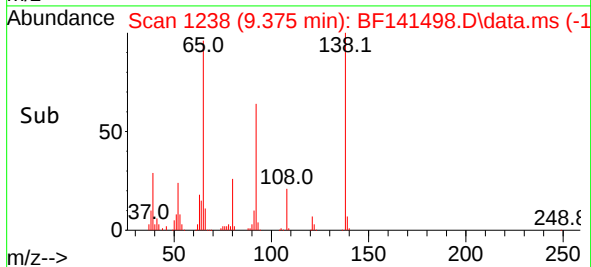
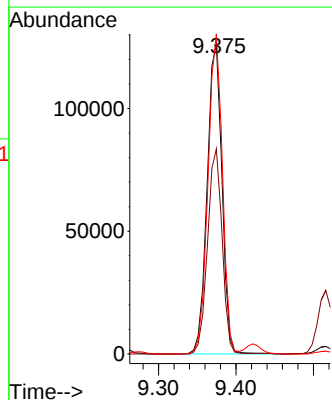
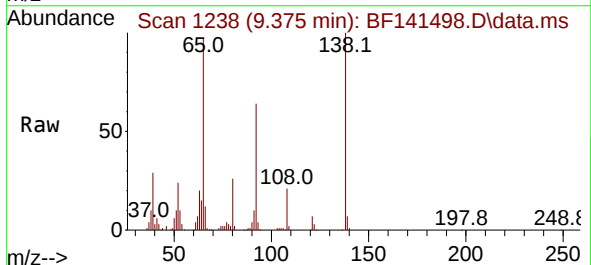
Instrument :
BNA_F
ClientSampleId :
PB166588BS

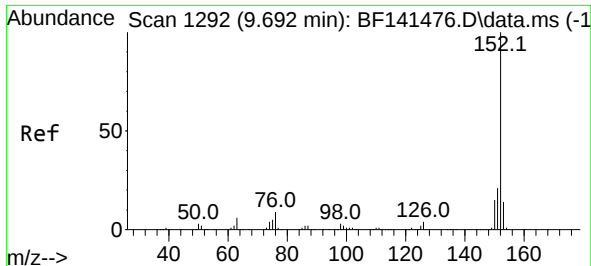
Tgt Ion:162 Resp: 489546
Ion Ratio Lower Upper
162 100
127 42.4 34.1 51.1
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 46.833 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion: 65 Resp: 167547
Ion Ratio Lower Upper
65 100
92 66.3 52.2 78.2
138 103.3 79.5 119.3

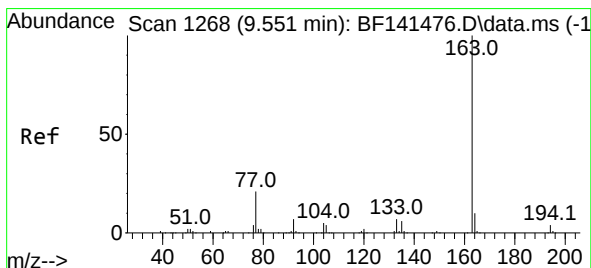
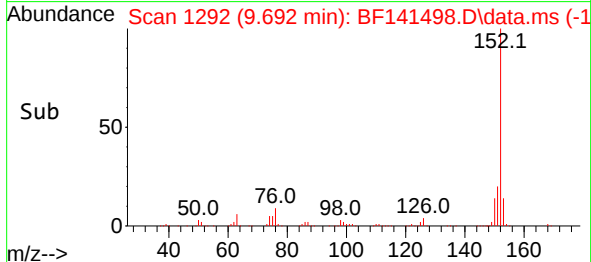
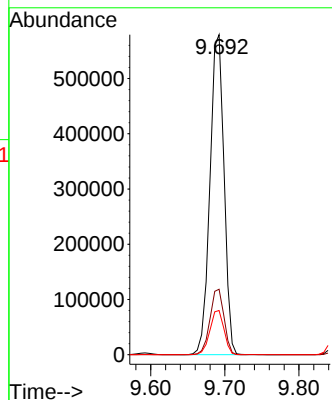
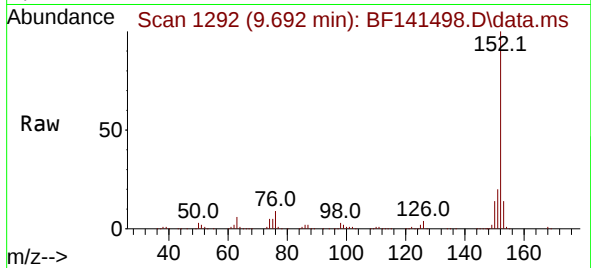




#49
Acenaphthylene
Concen: 48.265 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

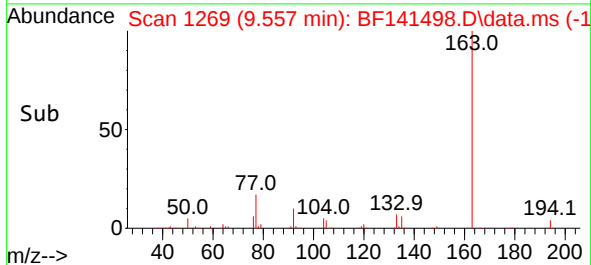
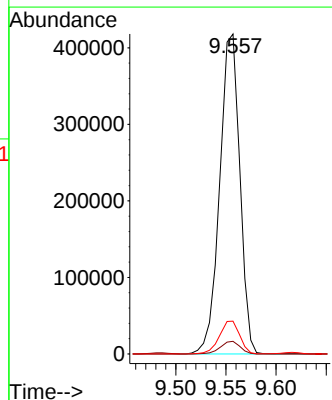
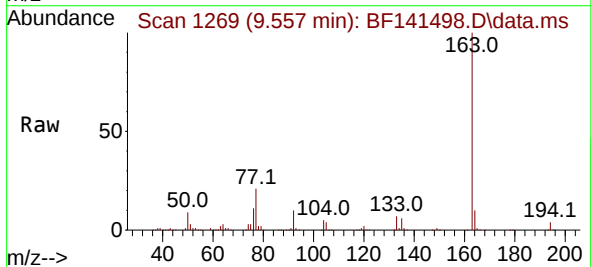
Instrument :
BNA_F
ClientSampleId :
PB166588BS

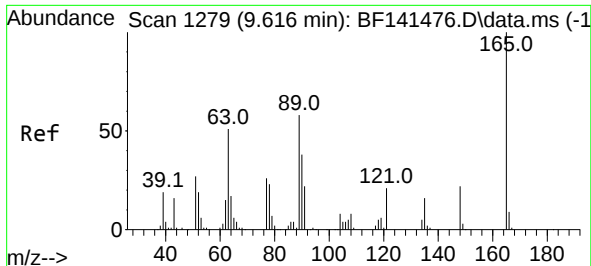
Tgt Ion:152 Resp: 765277
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.8 10.9 16.3



#50
Dimethylphthalate
Concen: 46.153 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:163 Resp: 582607
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 47.032 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

BNA_F

ClientSampleId :

PB166588BS

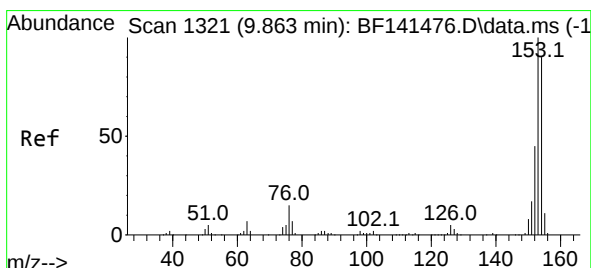
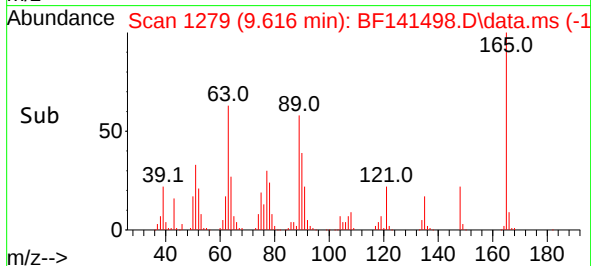
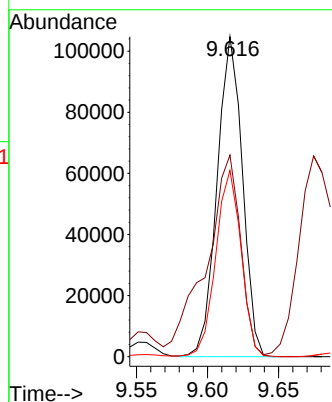
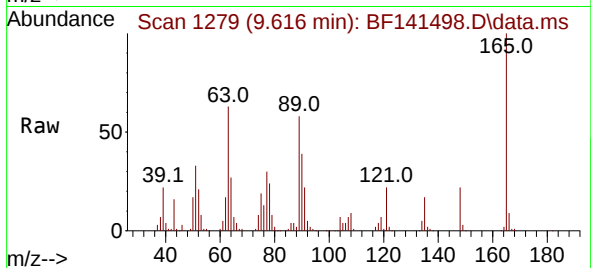
Tgt Ion:165 Resp: 129788

Ion Ratio Lower Upper

165 100

63 63.0 49.4 74.0

89 58.2 46.5 69.7



#52

Acenaphthene

Concen: 44.709 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

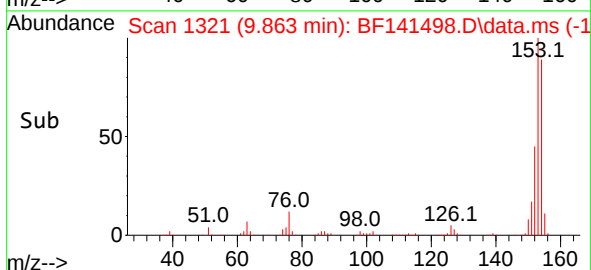
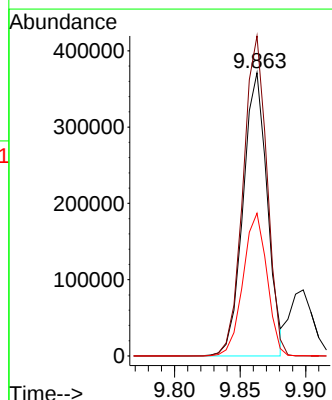
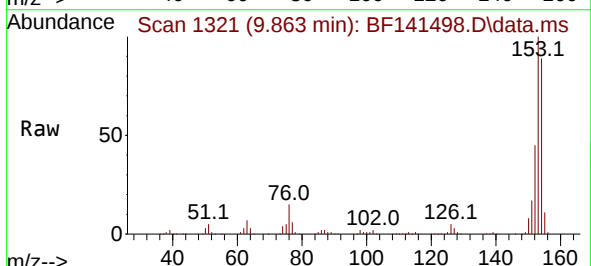
Tgt Ion:154 Resp: 476585

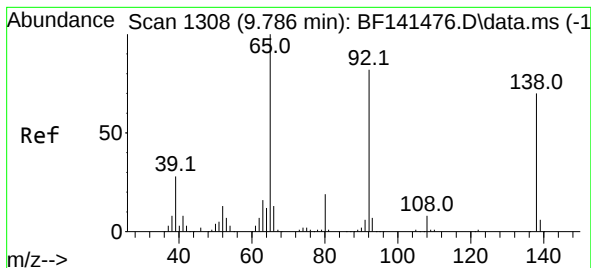
Ion Ratio Lower Upper

154 100

153 113.0 89.2 133.8

152 50.4 39.8 59.8





#53

3-Nitroaniline

Concen: 29.526 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

BNA_F

ClientSampleId :

PB166588BS

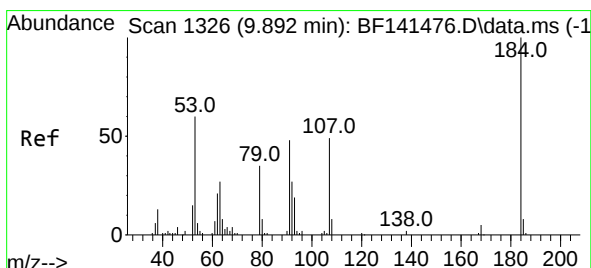
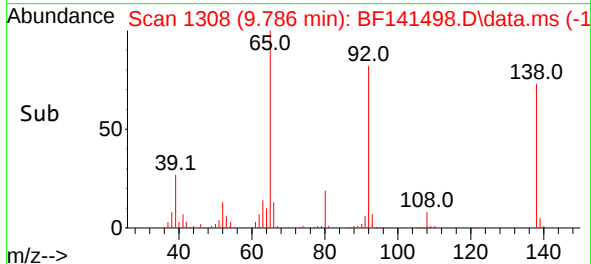
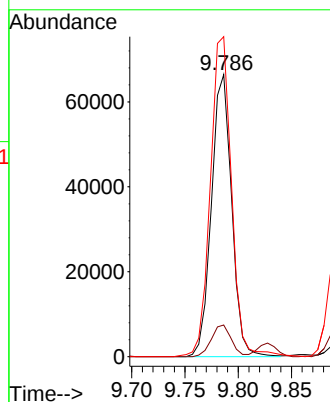
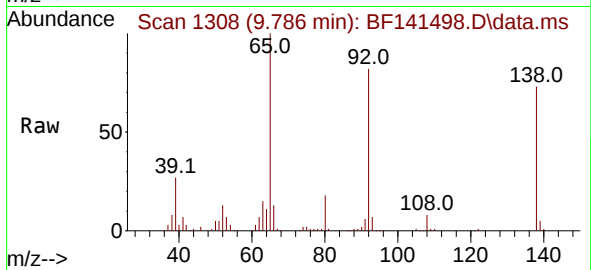
Tgt Ion:138 Resp: 87695

Ion Ratio Lower Upper

138 100

108 11.2 9.0 13.4

92 113.4 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 101.581 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

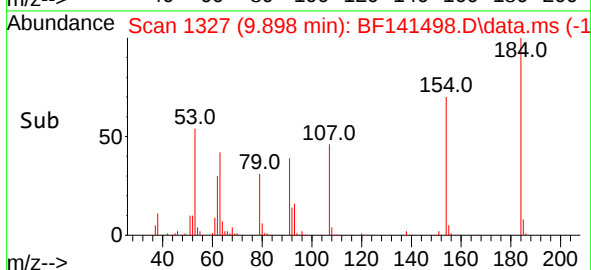
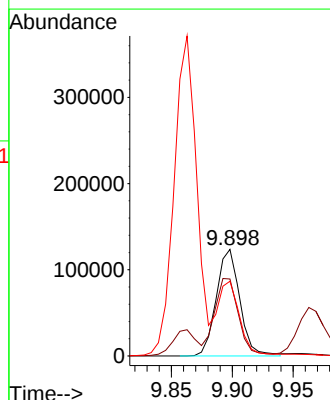
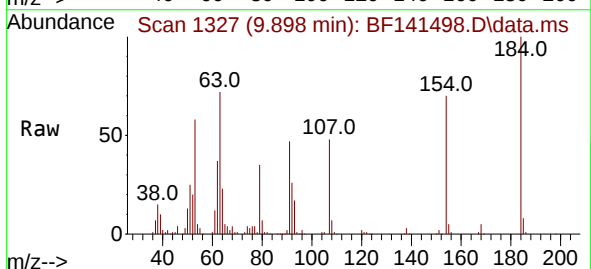
Tgt Ion:184 Resp: 166600

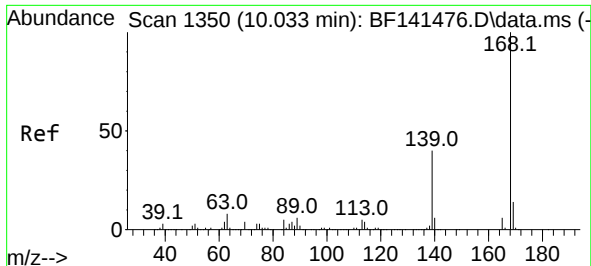
Ion Ratio Lower Upper

184 100

63 72.3 61.0 91.6

154 70.1 59.9 89.9

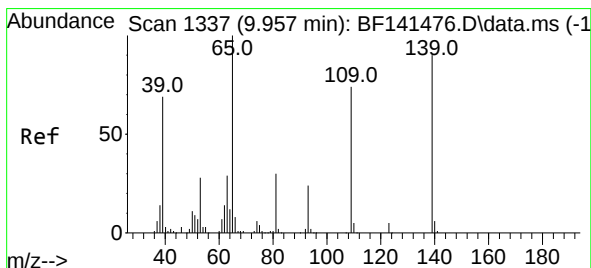
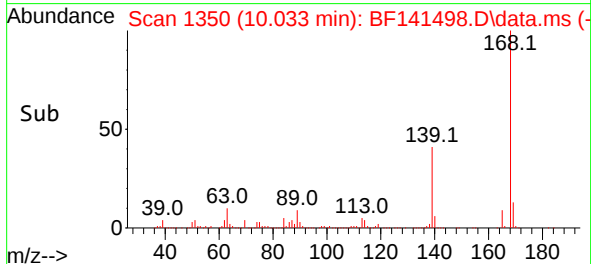
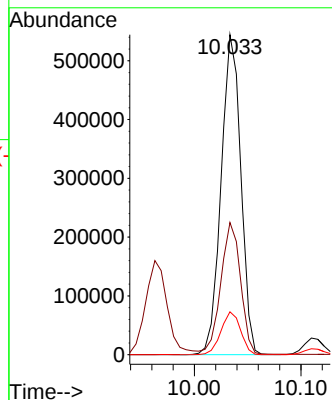
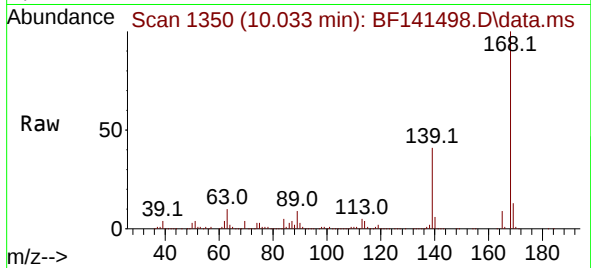




#55
Dibenzenofuran
Concen: 44.615 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

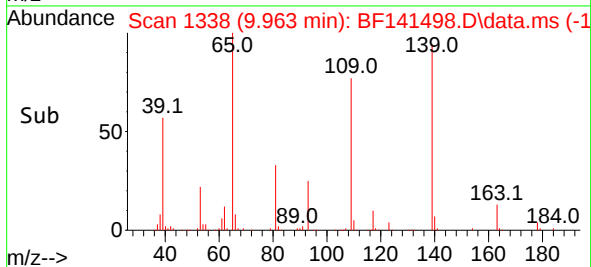
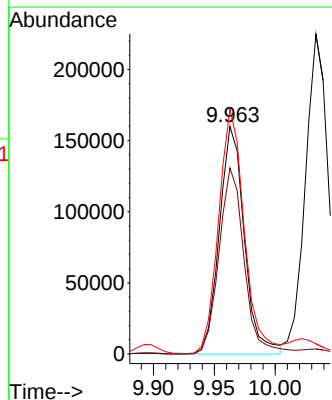
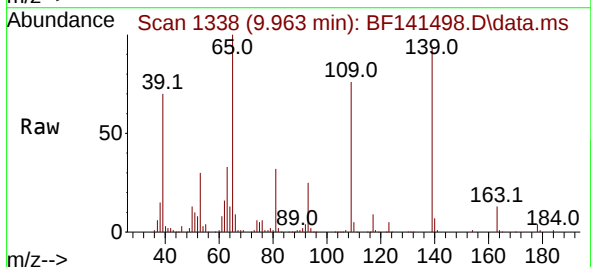
Instrument :
BNA_F
ClientSampleId :
PB166588BS

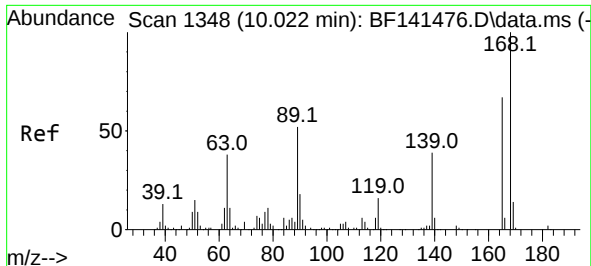
Tgt Ion:168 Resp: 698069
Ion Ratio Lower Upper
168 100
139 41.3 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 103.323 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

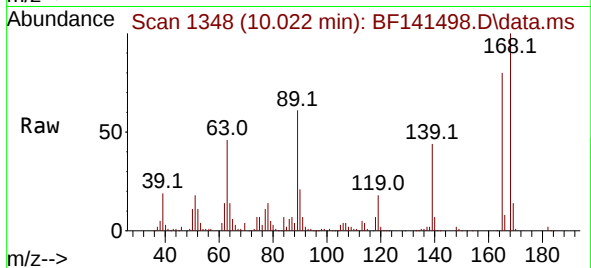
Tgt Ion:139 Resp: 227806
Ion Ratio Lower Upper
139 100
109 81.8 62.0 102.0
65 107.6 91.2 131.2



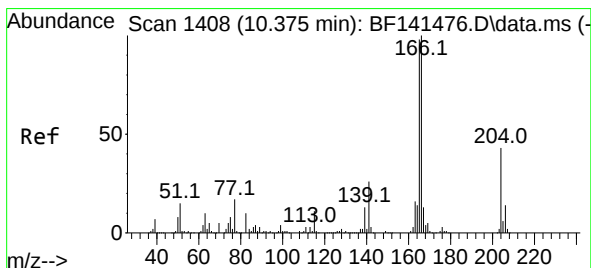
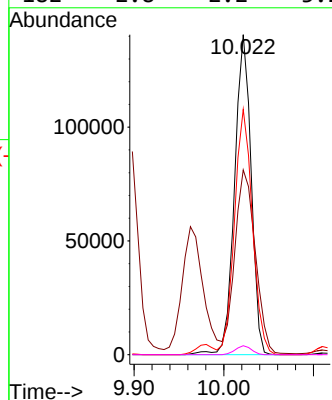
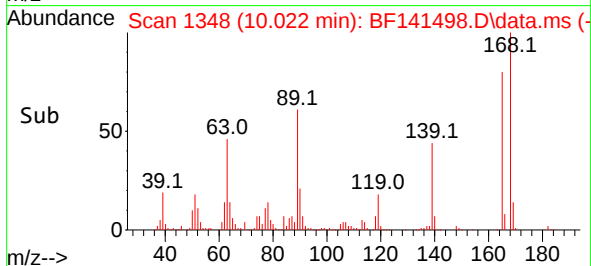


#57
2,4-Dinitrotoluene
Concen: 48.950 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

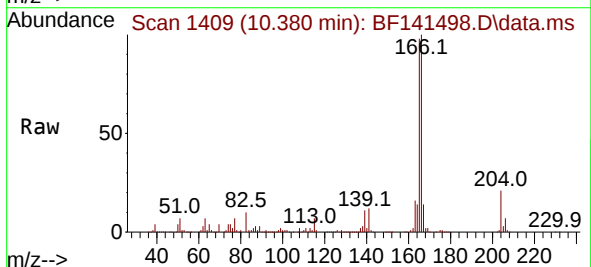
Instrument :
BNA_F
ClientSampleId :
PB166588BS



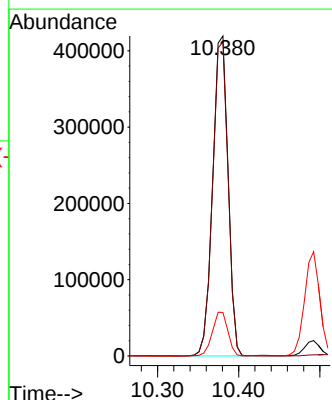
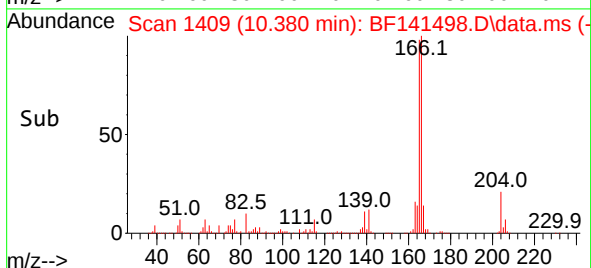
Tgt Ion:165 Resp: 179824
Ion Ratio Lower Upper
165 100
63 57.7 46.4 69.6
89 76.7 61.8 92.6
182 2.8 2.2 3.2

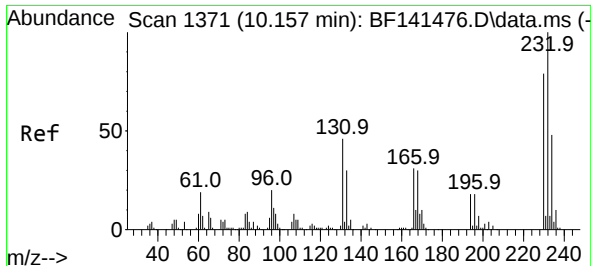


#58
Fluorene
Concen: 45.723 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47



Tgt Ion:166 Resp: 553155
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.2
167 13.6 10.7 16.1

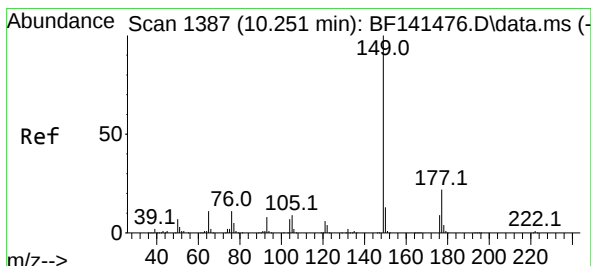
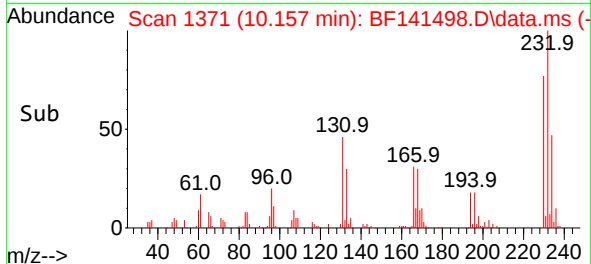
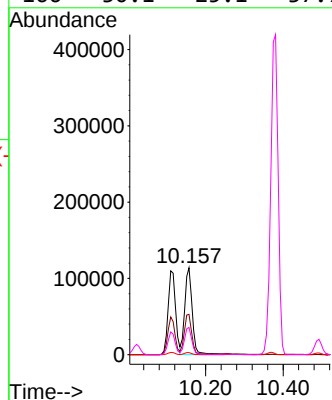
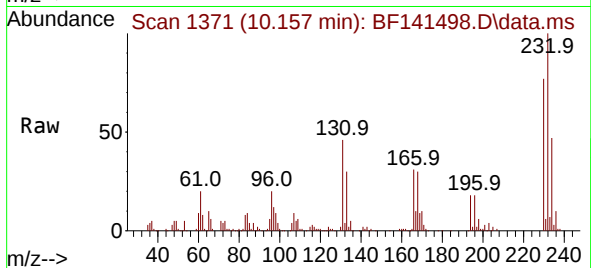




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.721 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

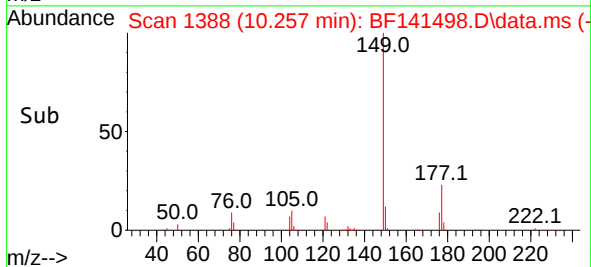
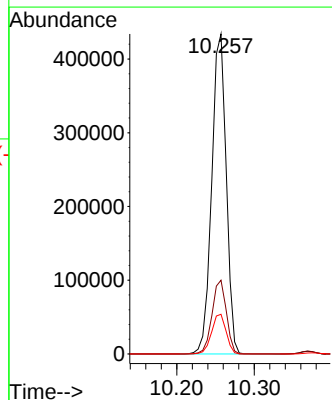
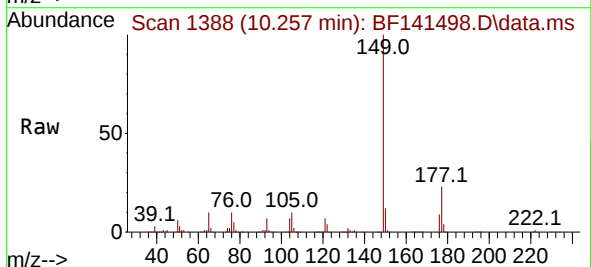
Instrument :
BNA_F
ClientSampleId :
PB166588BS

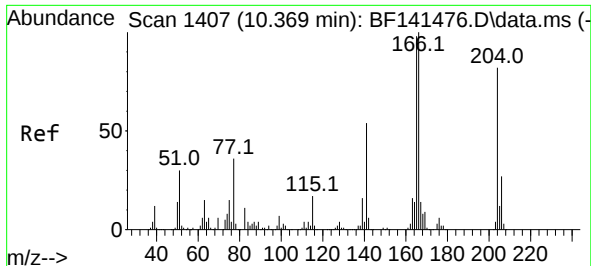
Tgt Ion:232 Resp: 154816
Ion Ratio Lower Upper
232 100
131 46.2 39.2 58.8
130 2.4 2.1 3.1
166 30.1 25.1 37.7



#60
Diethylphthalate
Concen: 45.382 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:149 Resp: 563641
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.6
150 12.4 10.1 15.1

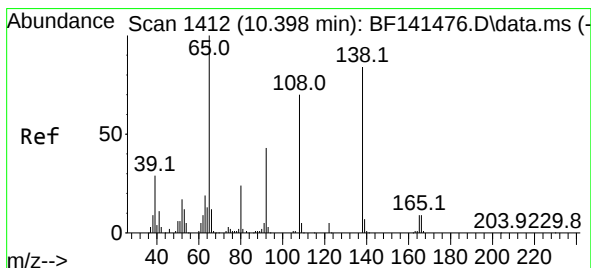
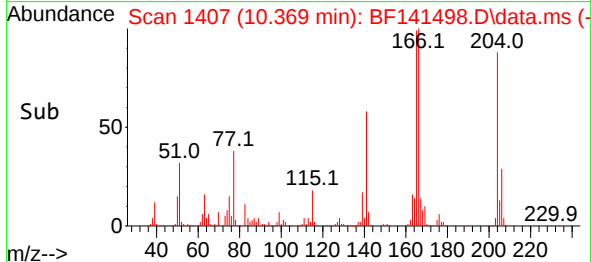
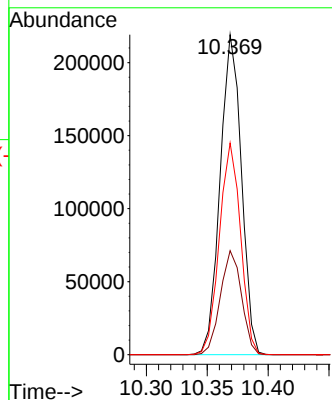
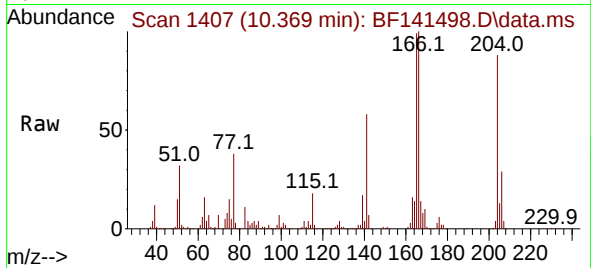




#61
4-Chlorophenyl-phenylether
Concen: 45.844 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

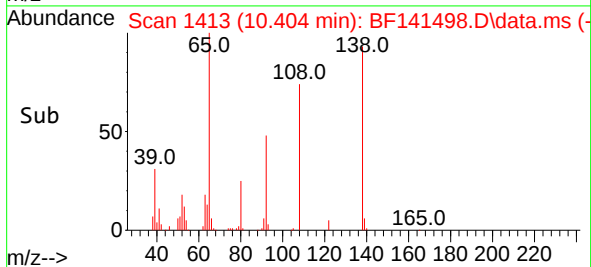
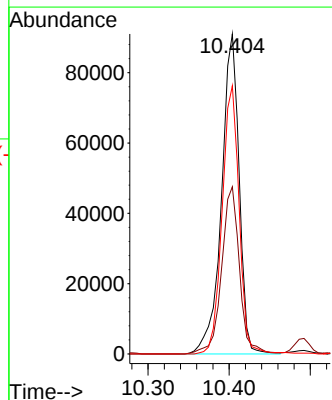
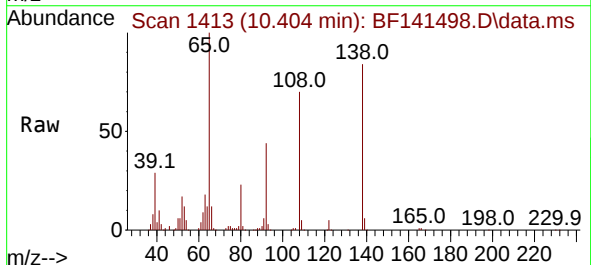
Instrument :
BNA_F
ClientSampleId :
PB166588BS

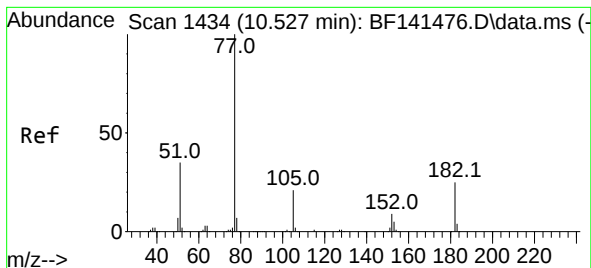
Tgt Ion:204 Resp: 266816
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 66.2 51.9 77.9



#62
4-Nitroaniline
Concen: 45.688 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:138 Resp: 137788
Ion Ratio Lower Upper
138 100
92 52.2 31.3 71.3
108 83.8 63.7 103.7

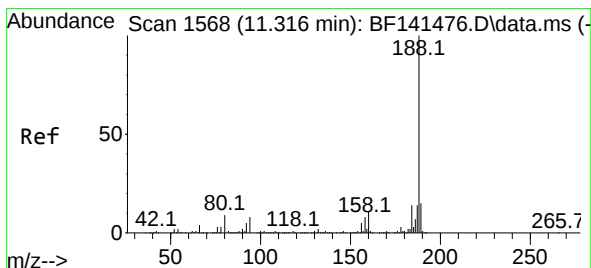
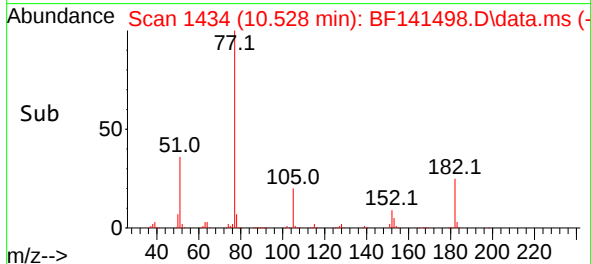
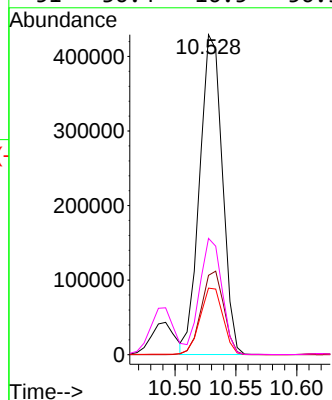
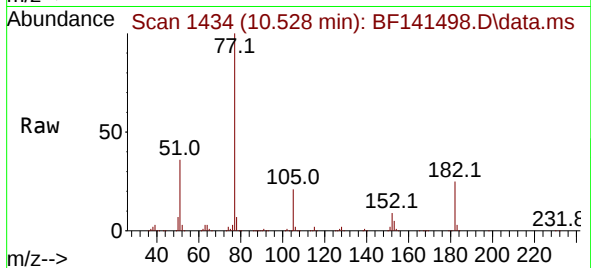




#63
Azobenzene
Concen: 44.977 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

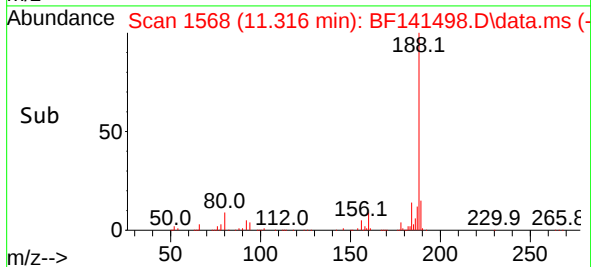
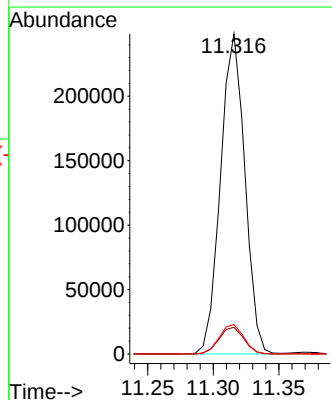
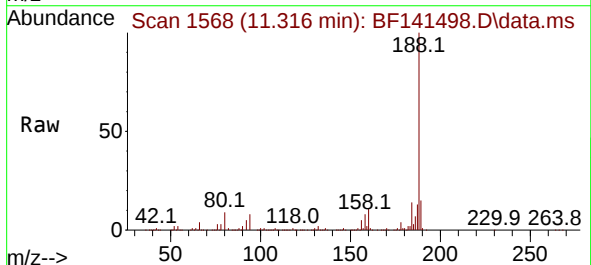
Instrument :
BNA_F
ClientSampleId :
PB166588BS

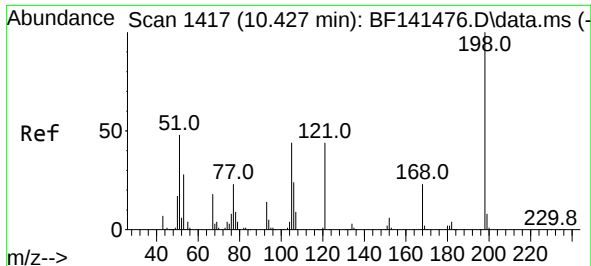
Tgt Ion: 77	Resp: 555327
Ion Ratio	Lower Upper
77 100	
182 24.8	4.7 44.7
105 20.8	0.4 40.4
51 36.4	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:188	Resp: 320161
Ion Ratio	Lower Upper
188 100	
94 8.4	6.6 10.0
80 9.2	7.3 10.9

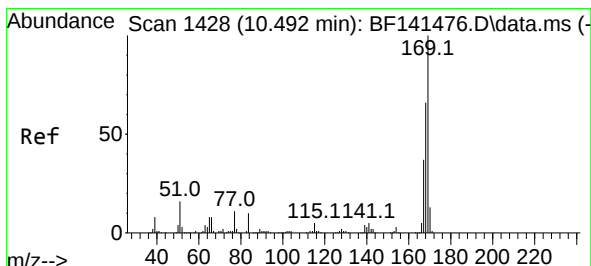
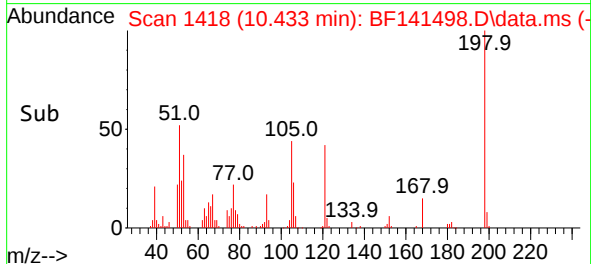
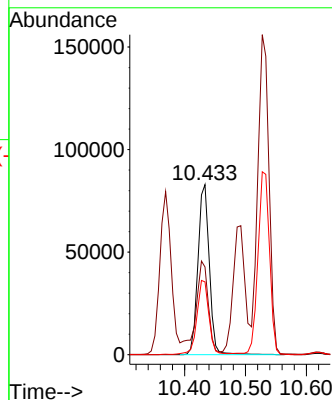
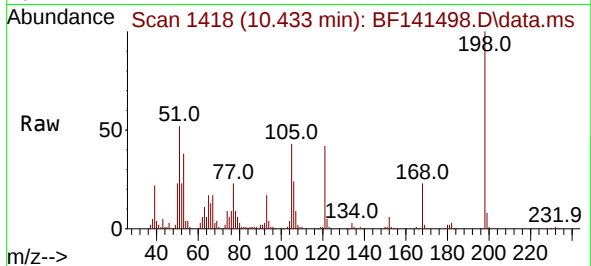




#65
4,6-Dinitro-2-methylphenol
Concen: 48.451 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

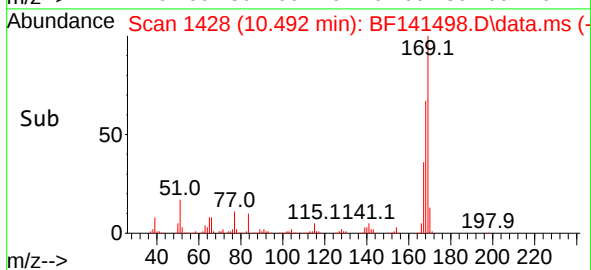
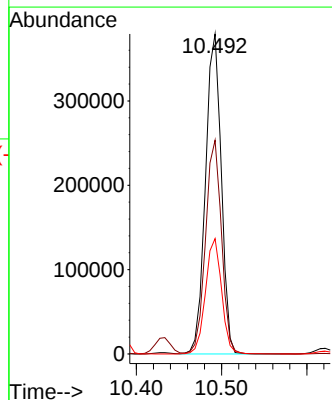
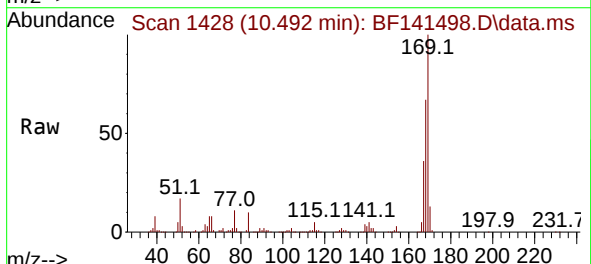
Instrument :
BNA_F
ClientSampleId :
PB166588BS

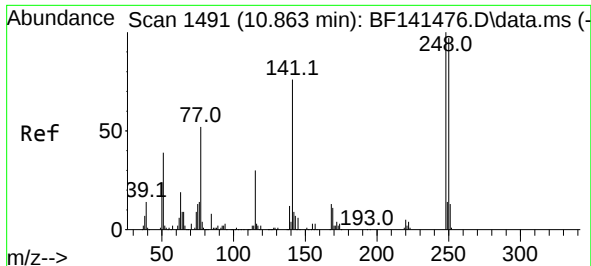
Tgt Ion:198 Resp: 107755
Ion Ratio Lower Upper
198 100
51 51.5 37.4 77.4
105 42.8 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 47.571 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

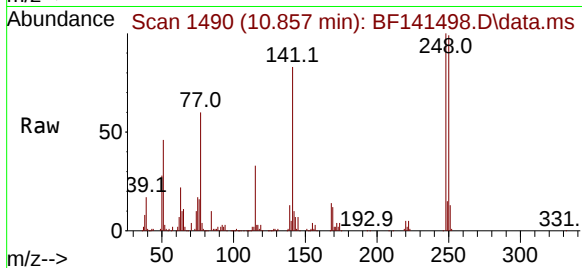
Tgt Ion:169 Resp: 487543
Ion Ratio Lower Upper
169 100
168 66.8 53.3 79.9
167 36.0 29.4 44.2



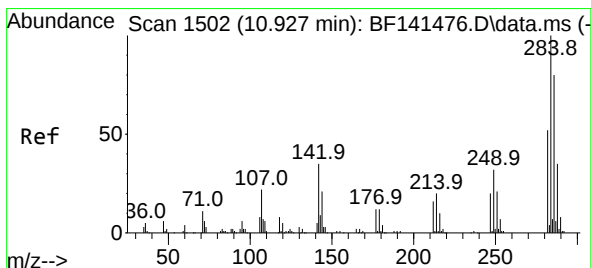
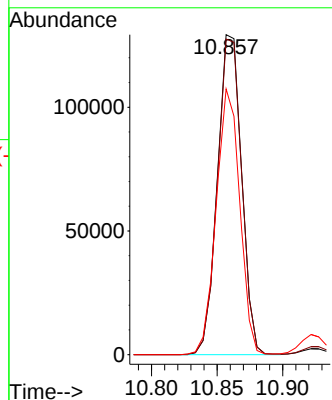
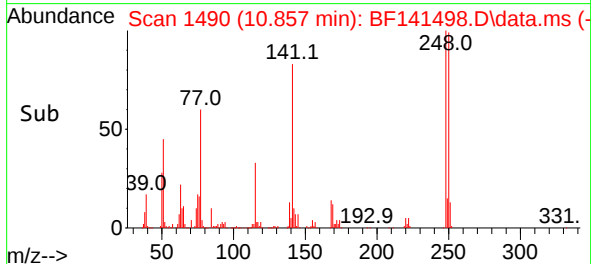


#67
4-Bromophenyl-phenylether
Concen: 46.422 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

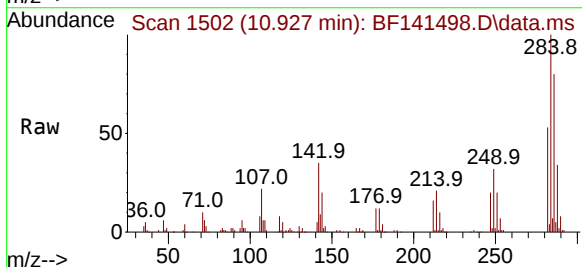
Instrument :
BNA_F
ClientSampleId :
PB166588BS



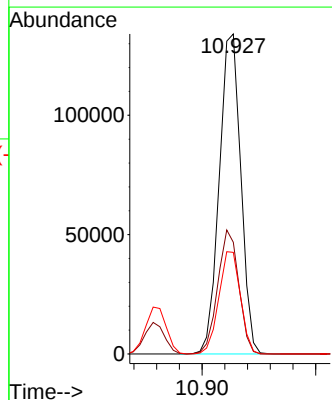
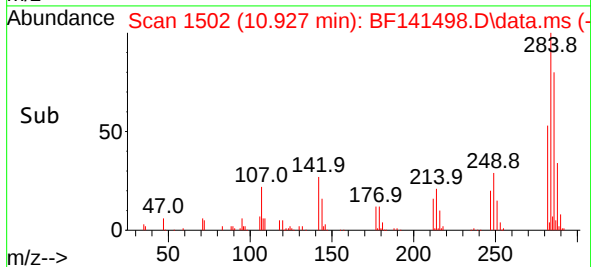
Tgt Ion:248 Resp: 166109
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.6
141 83.1 60.6 90.8

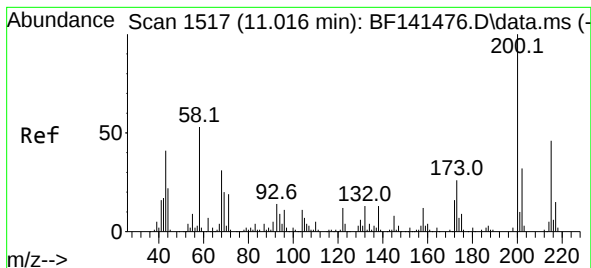


#68
Hexachlorobenzene
Concen: 47.929 ng
RT: 10.927 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47



Tgt Ion:284 Resp: 176599
Ion Ratio Lower Upper
284 100
142 34.9 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 60.213 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

BNA_F

ClientSampleId :

PB166588BS

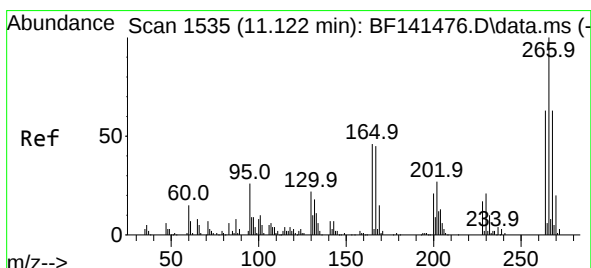
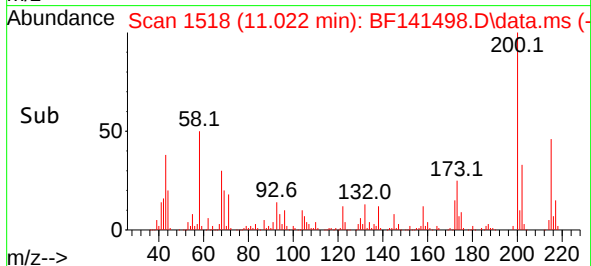
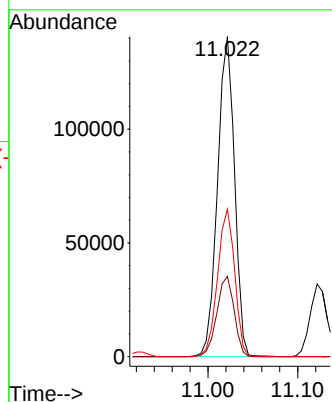
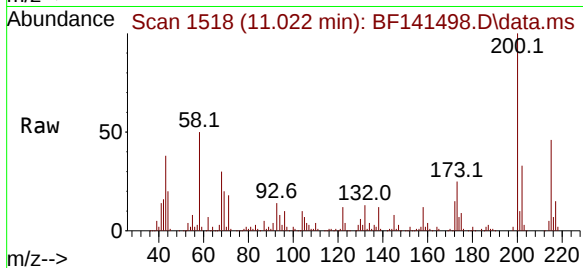
Tgt Ion:200 Resp: 185132

Ion Ratio Lower Upper

200 100

173 25.1 5.9 45.9

215 46.1 25.9 65.9



#70

Pentachlorophenol

Concen: 97.039 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

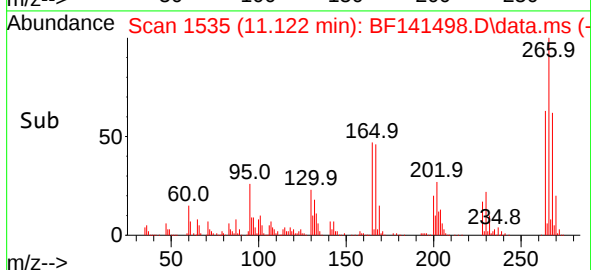
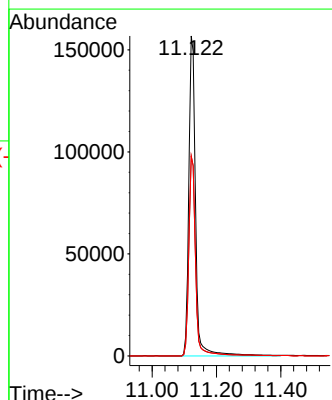
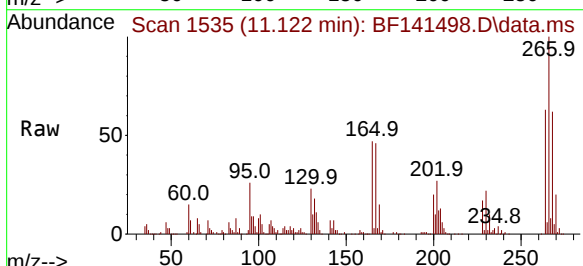
Tgt Ion:266 Resp: 228624

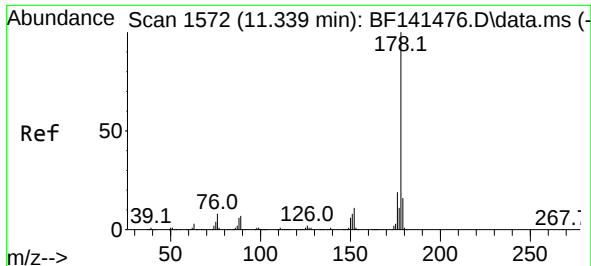
Ion Ratio Lower Upper

266 100

268 62.4 50.1 75.1

264 62.5 50.1 75.1

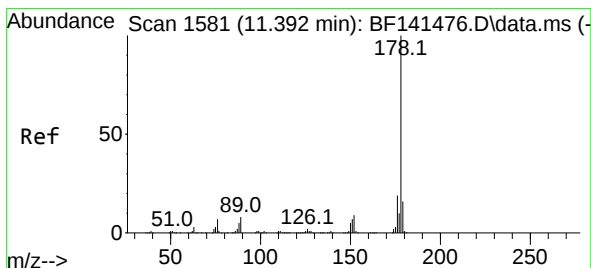
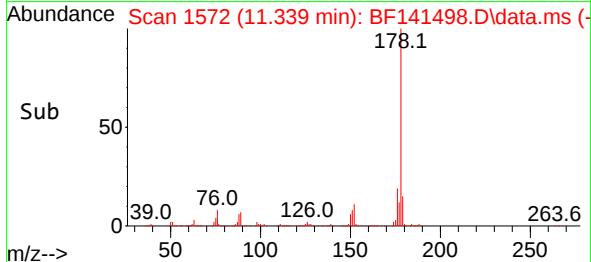
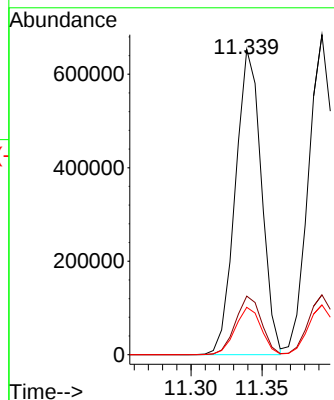
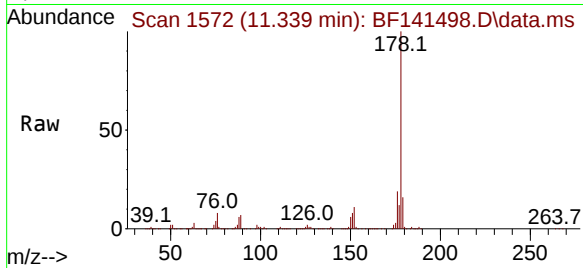




#71
Phenanthrene
Concen: 47.163 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

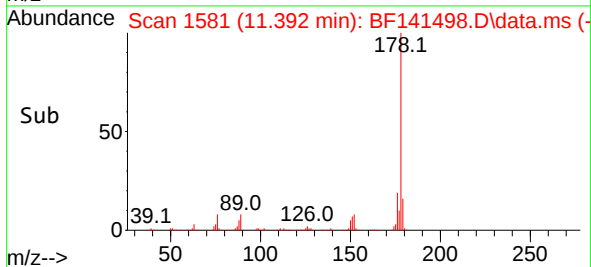
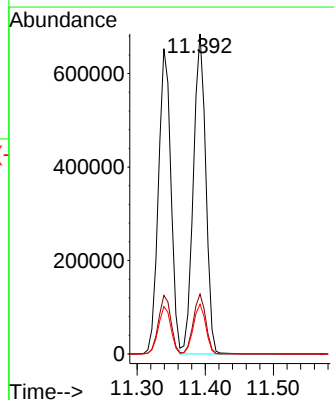
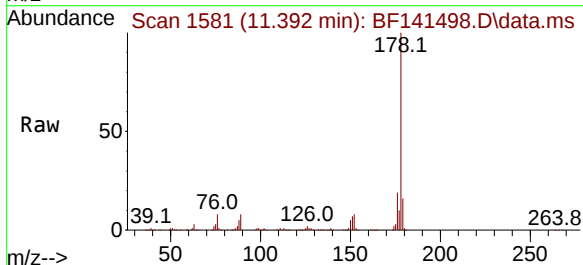
Instrument :
BNA_F
ClientSampleId :
PB166588BS

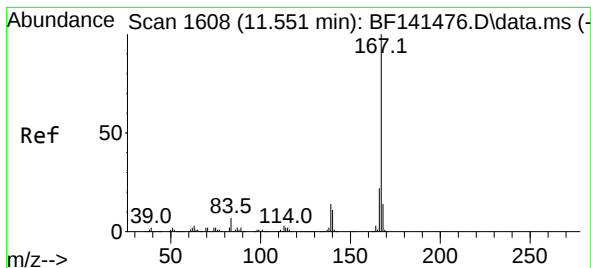
Tgt Ion:178 Resp: 831179
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 48.543 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:178 Resp: 859979
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.4 18.6





#73

Carbazole

Concen: 47.612 ng

RT: 11.551 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

BNA_F

ClientSampleId :

PB166588BS

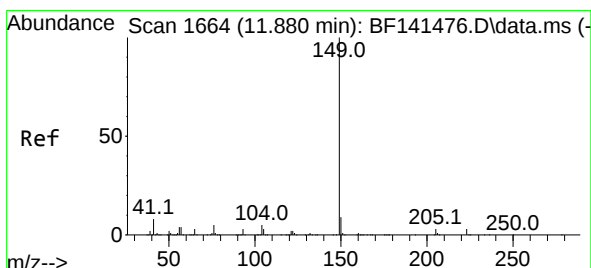
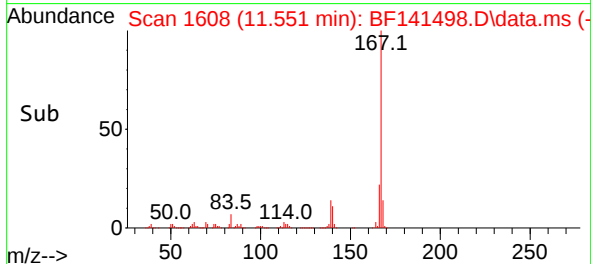
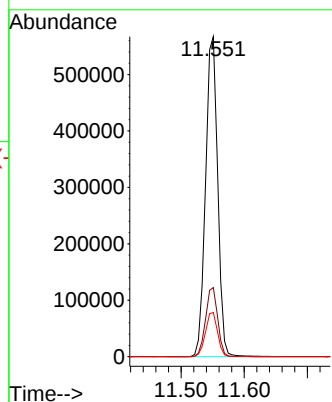
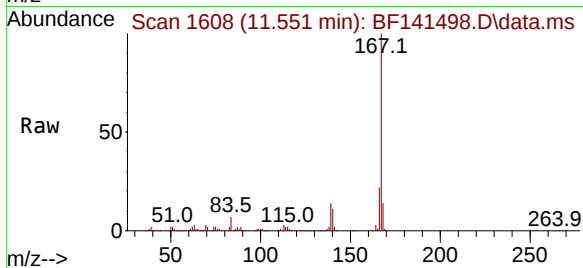
Tgt Ion:167 Resp: 758962

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.426 ng

RT: 11.880 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

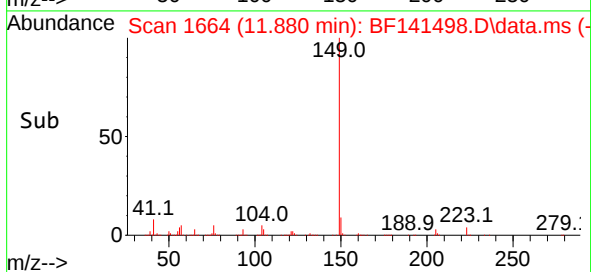
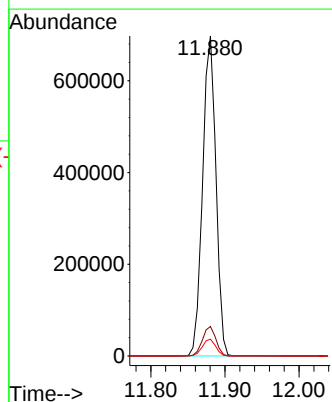
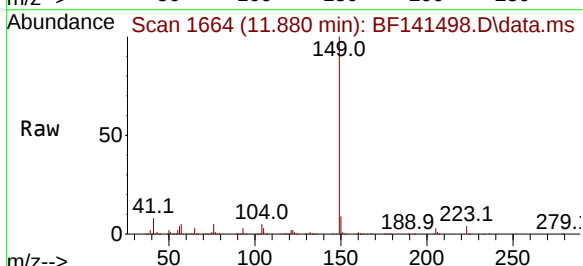
Tgt Ion:149 Resp: 872930

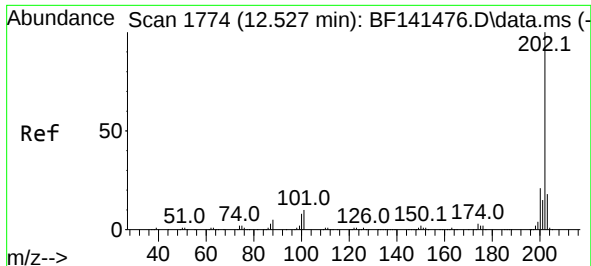
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

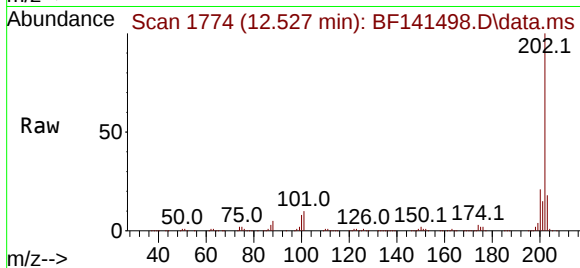
104 5.2 4.2 6.2



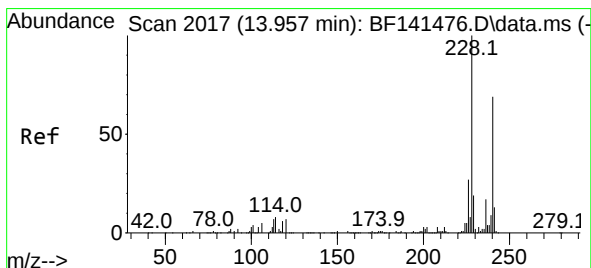
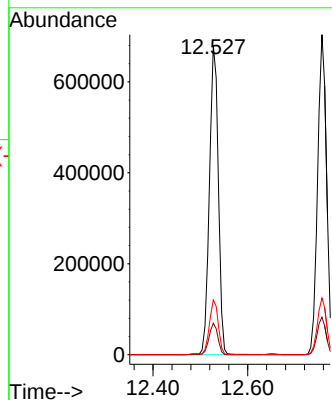


#75
Fluoranthene
Concen: 47.472 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Instrument :
BNA_F
ClientSampleId :
PB166588BS

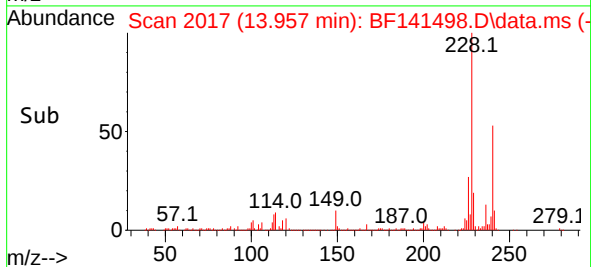
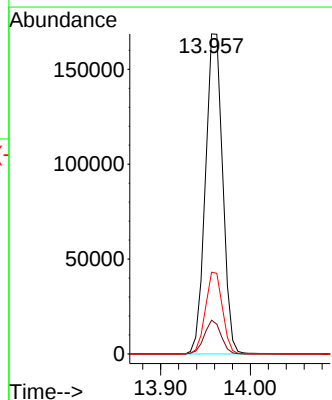
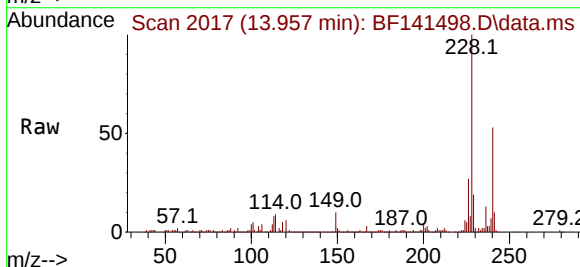


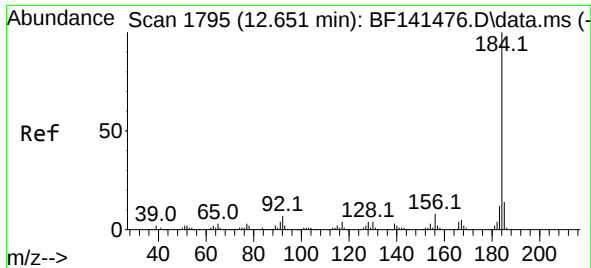
Tgt Ion:202 Resp: 886972
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:240 Resp: 225366
Ion Ratio Lower Upper
240 100
120 10.6 8.0 12.0
236 25.6 19.8 29.8

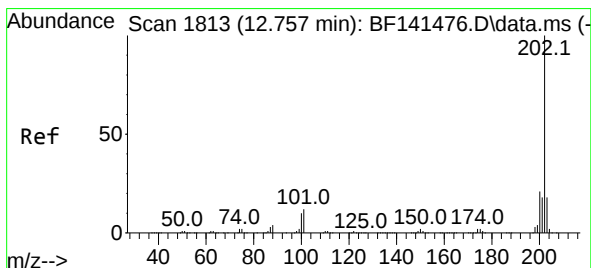
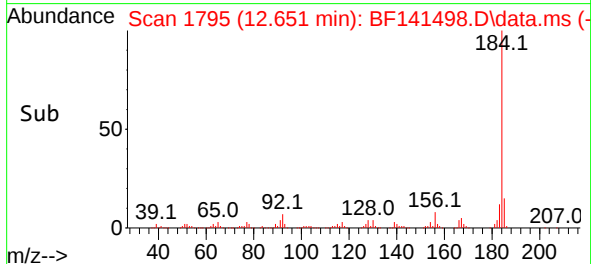
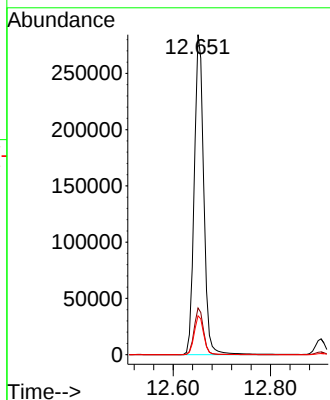
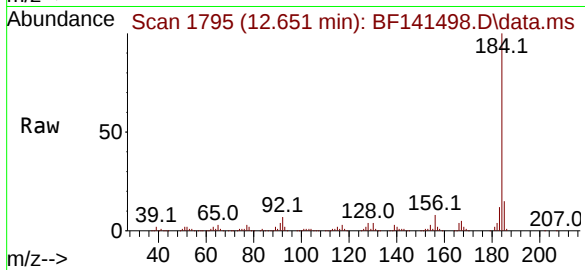




#77
Benzidine
Concen: 77.915 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

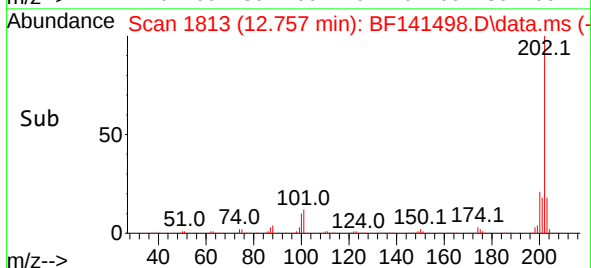
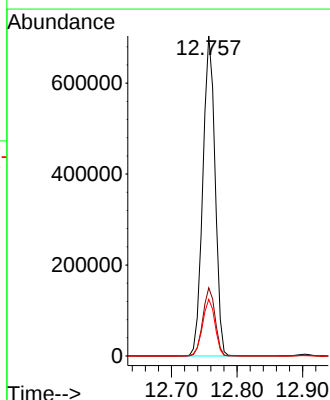
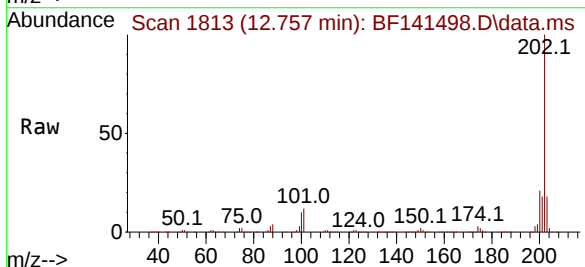
Instrument :
BNA_F
ClientSampleId :
PB166588BS

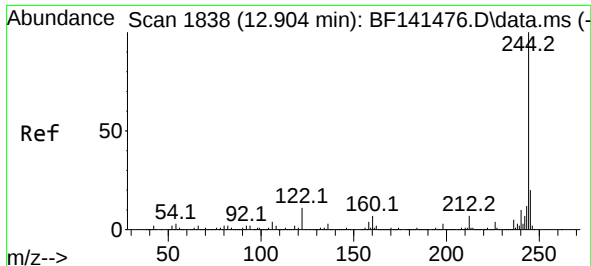
Tgt Ion:184 Resp: 387259
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 12.1 9.3 13.9



#78
Pyrene
Concen: 47.755 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

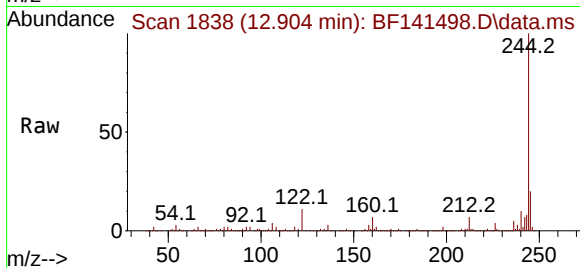
Tgt Ion:202 Resp: 916166
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.7 14.3 21.5





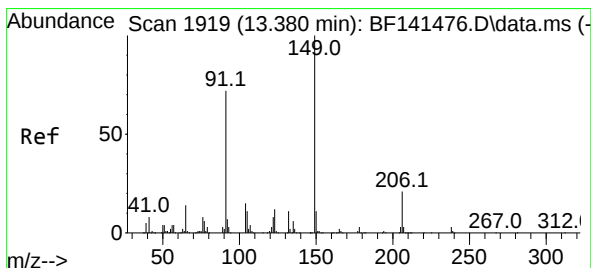
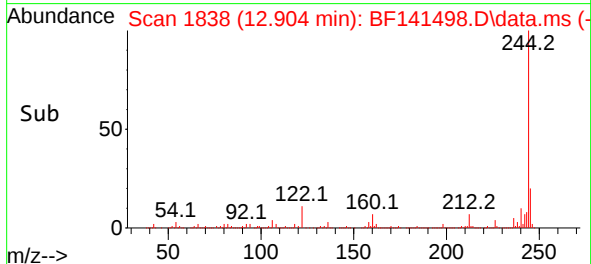
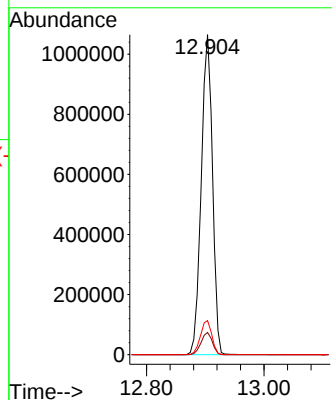
#79
 Terphenyl-d14
 Concen: 105.932 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141498.D
 Acq: 07 Feb 2025 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB166588BS



Tgt Ion:244 Resp: 1414164

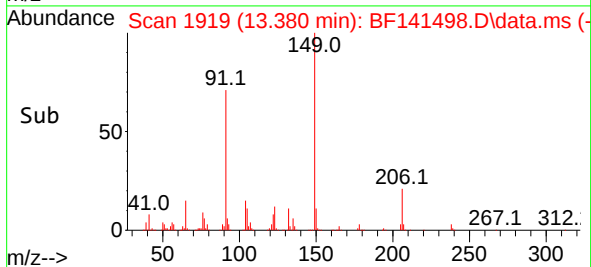
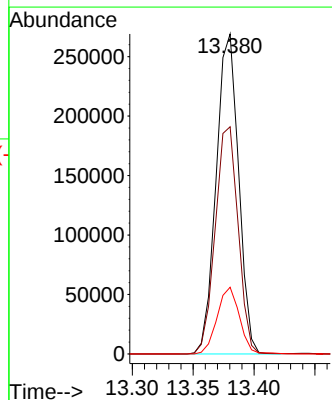
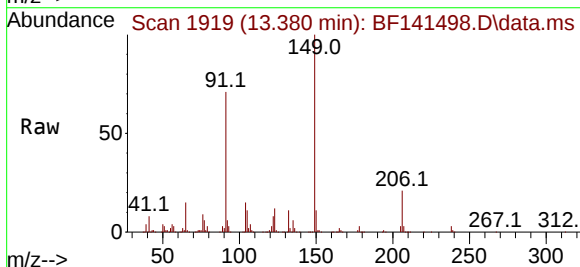
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.6	8.4	12.6

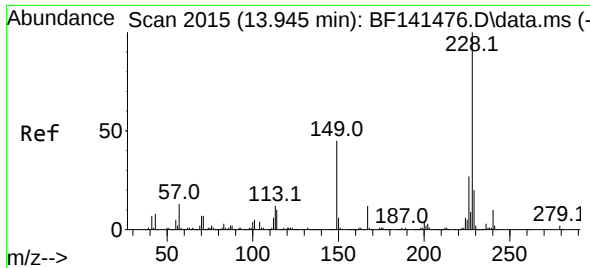


#80
 Butylbenzylphthalate
 Concen: 51.862 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF141498.D
 Acq: 07 Feb 2025 10:47

Tgt Ion:149 Resp: 344622

Ion	Ratio	Lower	Upper
149	100		
91	71.0	57.8	86.8
206	20.8	16.7	25.1

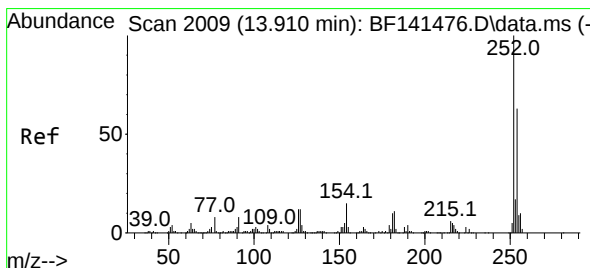
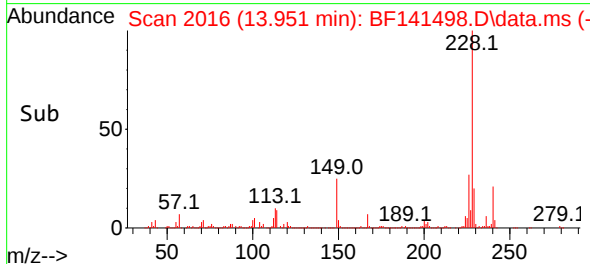
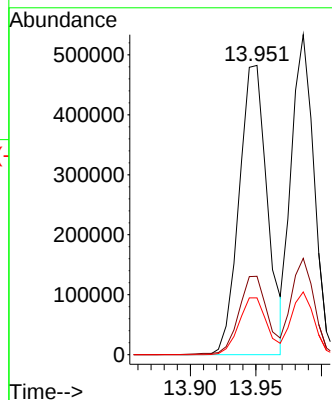
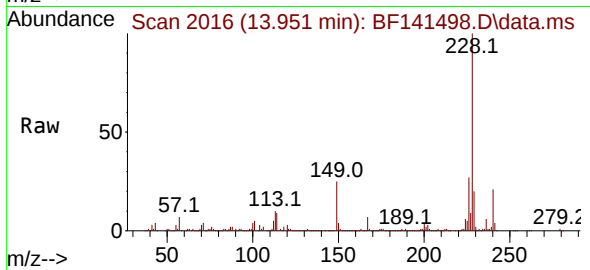




#81
Benzo(a)anthracene
Concen: 48.427 ng
RT: 13.951 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

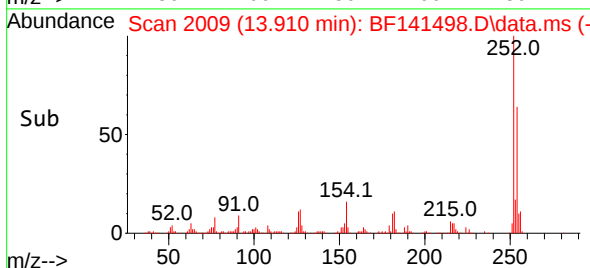
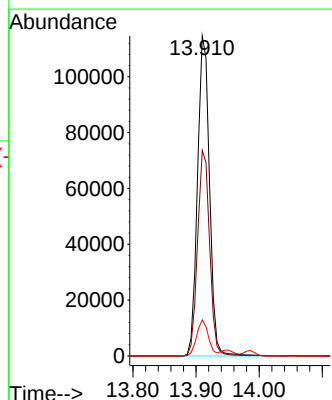
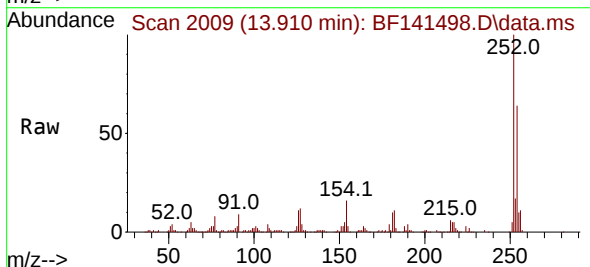
Instrument :
BNA_F
ClientSampleId :
PB166588BS

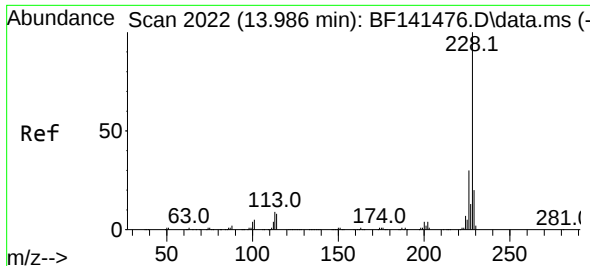
Tgt Ion:228 Resp: 725475
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.204 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:252 Resp: 151072
Ion Ratio Lower Upper
252 100
254 64.3 50.6 76.0
126 11.3 9.3 13.9

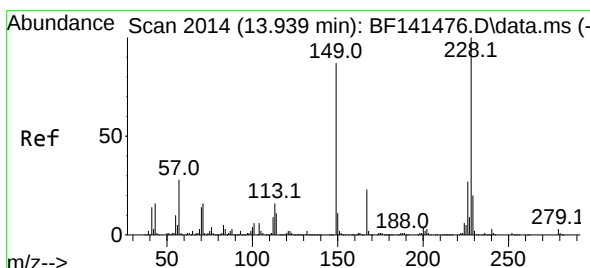
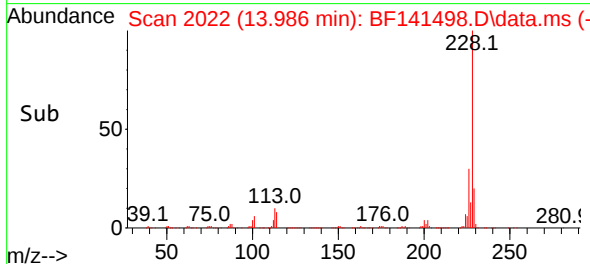
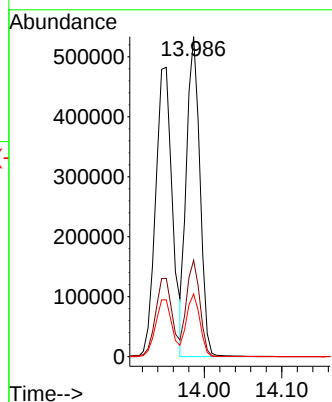
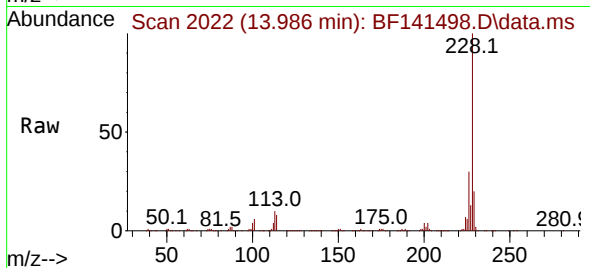




#83
Chrysene
Concen: 46.359 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

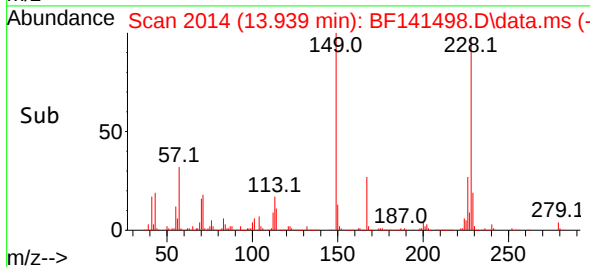
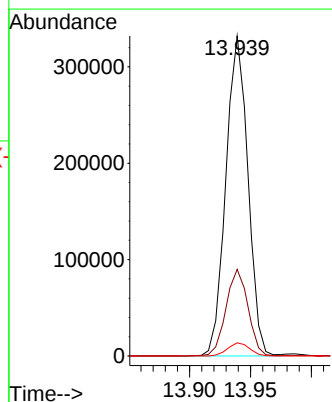
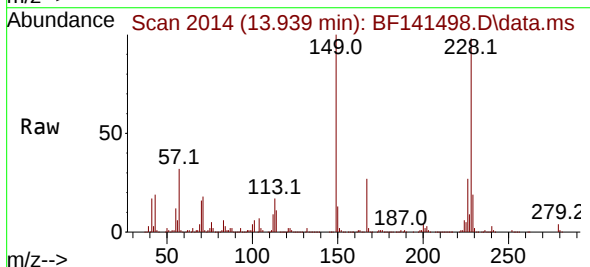
Instrument :
BNA_F
ClientSampleId :
PB166588BS

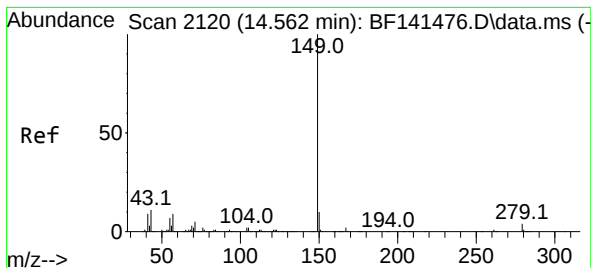
Tgt Ion:228 Resp: 641268
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.912 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:149 Resp: 419034
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.0
279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.003 ng

RT: 14.563 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

BNA_F

ClientSampleId :

PB166588BS

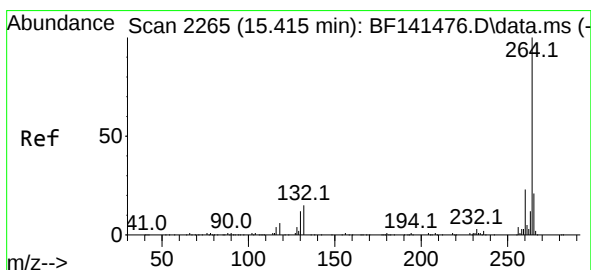
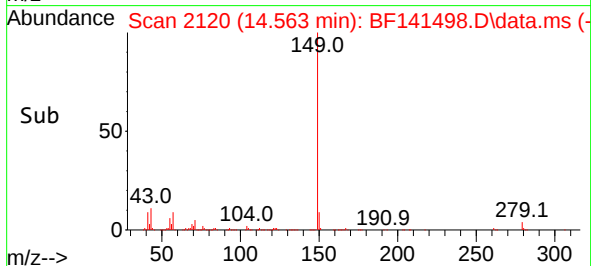
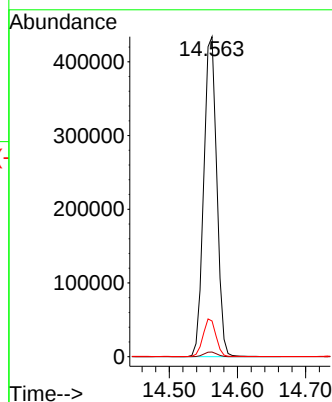
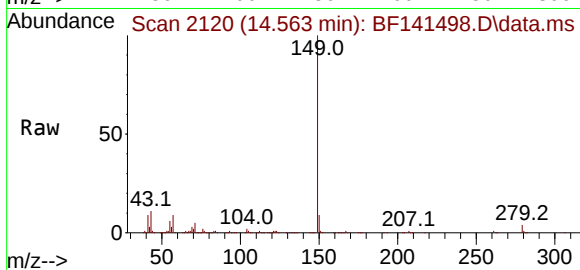
Tgt Ion:149 Resp: 577385

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

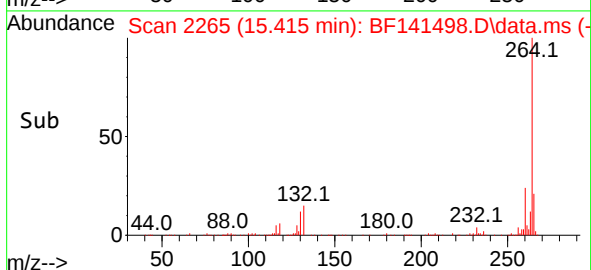
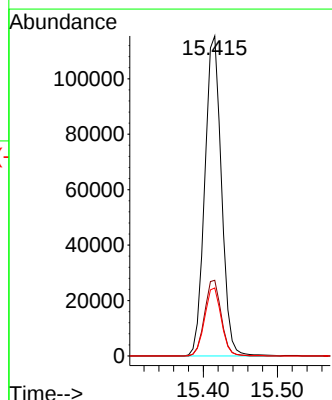
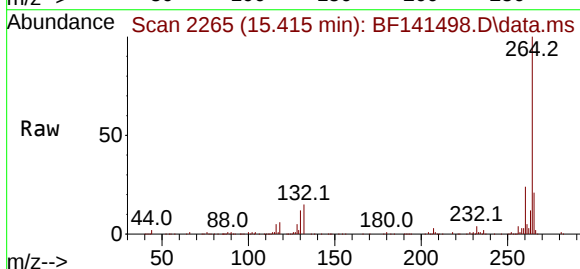
Tgt Ion:264 Resp: 179997

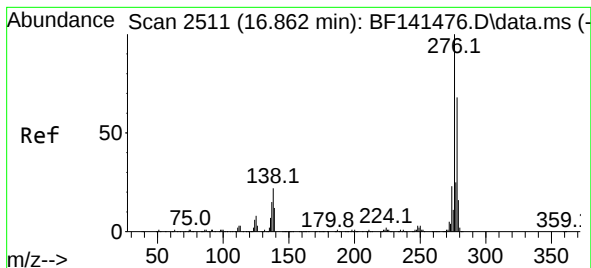
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.534 ng

RT: 16.857 min Scan# 2511

Delta R.T. -0.018 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

Instrument :

BNA_F

ClientSampleId :

PB166588BS

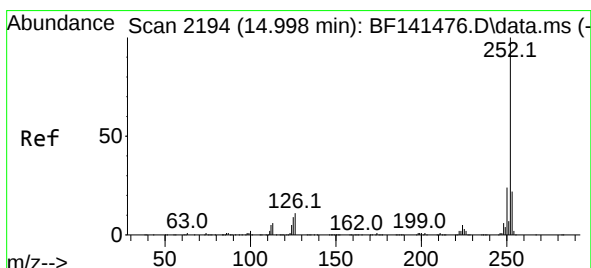
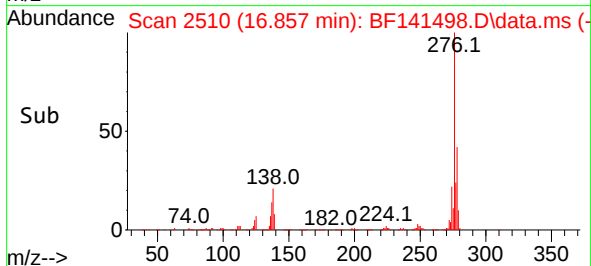
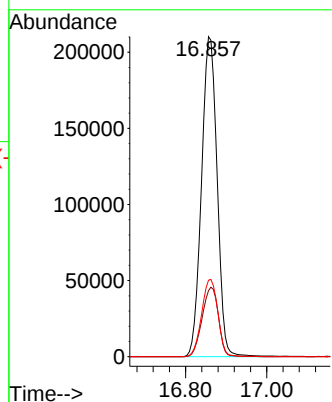
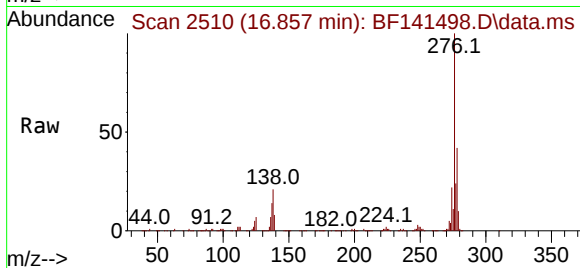
Tgt Ion:276 Resp: 562035

Ion Ratio Lower Upper

276 100

138 22.6 18.0 27.0

277 25.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.855 ng

RT: 14.998 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF141498.D

Acq: 07 Feb 2025 10:47

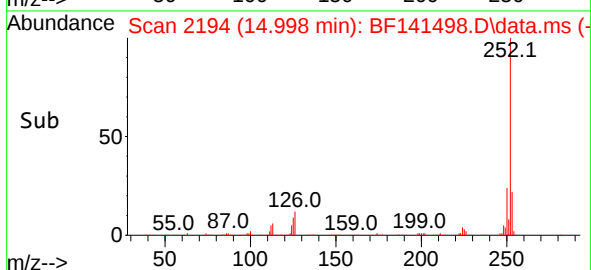
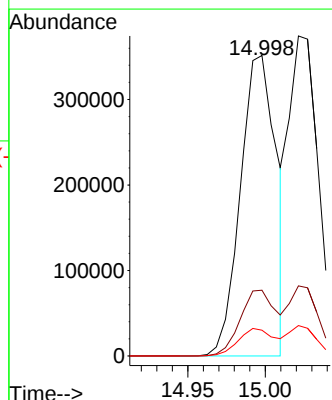
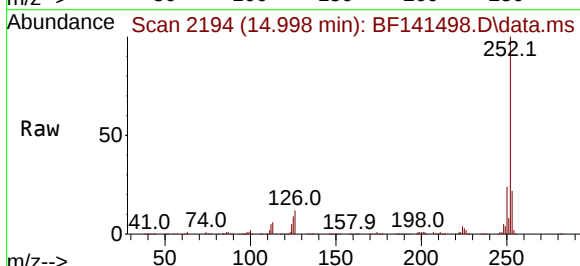
Tgt Ion:252 Resp: 566287

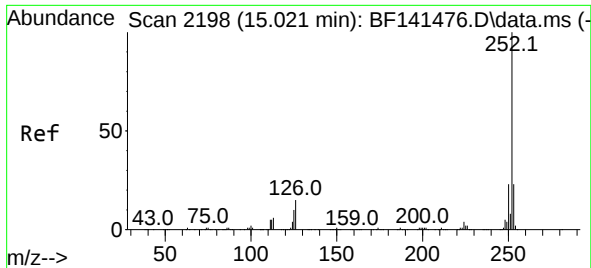
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.6 7.0 10.6

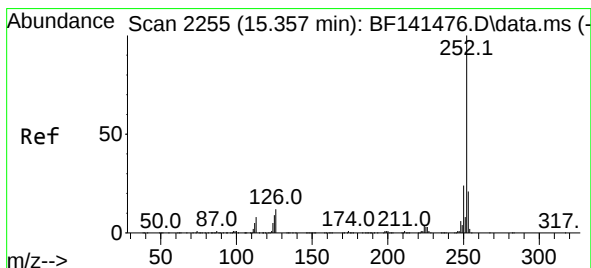
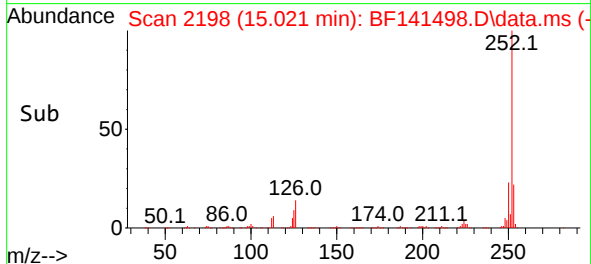
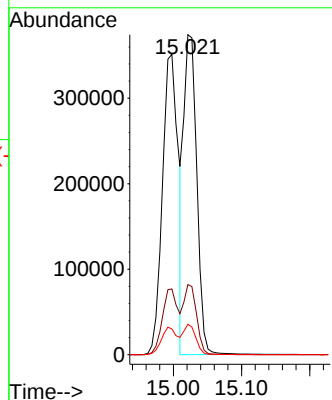
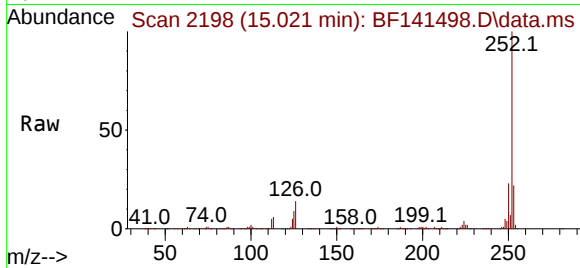




#89
Benzo(k)fluoranthene
Concen: 48.266 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

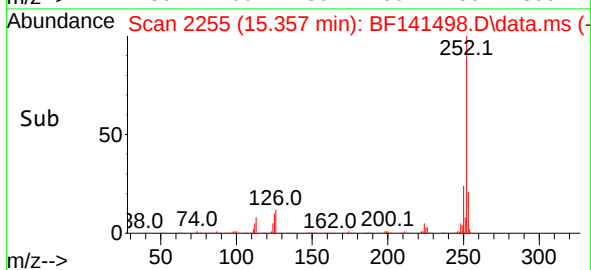
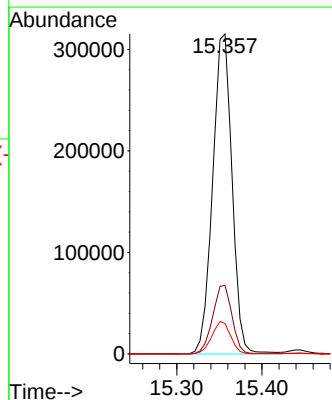
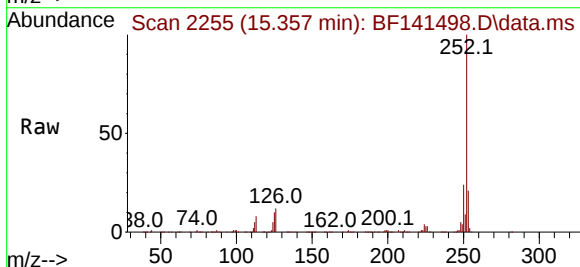
Instrument :
BNA_F
ClientSampleId :
PB166588BS

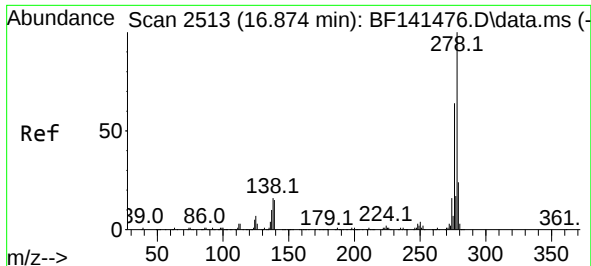
Tgt Ion:252 Resp: 498122
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.5 7.4 11.0



#90
Benzo(a)pyrene
Concen: 51.028 ng
RT: 15.357 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:252 Resp: 499027
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.5 7.4 11.2

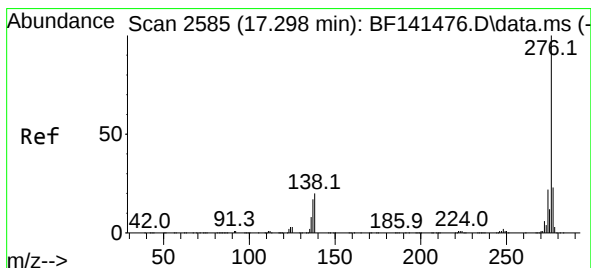
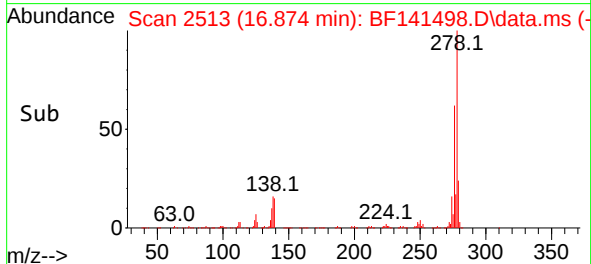
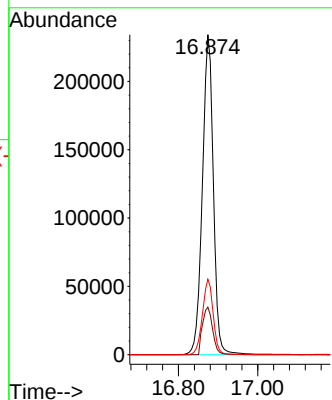
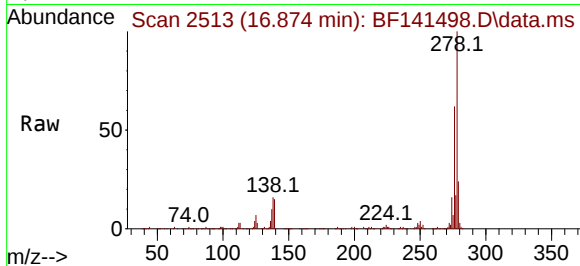




#91
Dibenzo(a,h)anthracene
Concen: 50.070 ng
RT: 16.874 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Instrument :
BNA_F
ClientSampleId :
PB166588BS

Tgt Ion:278 Resp: 451222
Ion Ratio Lower Upper
278 100
139 14.9 11.8 17.6
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.281 ng
RT: 17.292 min Scan# 2584
Delta R.T. -0.023 min
Lab File: BF141498.D
Acq: 07 Feb 2025 10:47

Tgt Ion:276 Resp: 436456
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 20.2 15.9 23.9

