

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141712.D
 Acq On : 21 Feb 2025 11:14
 Operator : RC/JU
 Sample : PB166801BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166801BSD

Quant Time: Feb 21 11:34:42 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	6.781	152	96053	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	376420	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	199962	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	319993	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	194437	20.000	ng	-0.02
86) Perylene-d12	15.380	264	172676	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	793062	129.441	ng	0.00
7) Phenol-d6	6.428	99	985224	127.227	ng	-0.01
23) Nitrobenzene-d5	7.345	82	639025	88.546	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	259728	129.301	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1212867	93.448	ng	-0.01
79) Terphenyl-d14	12.880	244	1202171	104.377	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	101863	41.308	ng	97
3) Pyridine	3.328	79	235330	40.104	ng	94
4) n-Nitrosodimethylamine	3.281	42	150397	38.708	ng	91
6) Aniline	6.445	93	244565	33.668	ng	# 78
8) 2-Chlorophenol	6.569	128	292405	44.168	ng	99
9) Benzaldehyde	6.328	77	123982	30.129	ng	100
10) Phenol	6.440	94	335511	41.628	ng	97
11) bis(2-Chloroethyl)ether	6.516	93	269084	44.449	ng	99
12) 1,3-Dichlorobenzene	6.722	146	296812	42.467	ng	98
13) 1,4-Dichlorobenzene	6.798	146	303978	42.568	ng	98
14) 1,2-Dichlorobenzene	6.951	146	291327	43.956	ng	98
15) Benzyl Alcohol	6.928	79	236631	39.848	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	413956	39.946	ng	75
17) 2-Methylphenol	7.045	107	223418	43.125	ng	97
18) Hexachloroethane	7.287	117	113320	42.879	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	196522	42.427	ng	94
20) 3+4-Methylphenols	7.198	107	293353	44.555	ng	96
22) Acetophenone	7.192	105	437518	46.725	ng	94
24) Nitrobenzene	7.369	77	295996	42.061	ng	98
25) Isophorone	7.604	82	528895	45.962	ng	98
26) 2-Nitrophenol	7.681	139	157140	44.882	ng	93
27) 2,4-Dimethylphenol	7.722	122	229596	56.133	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	327132	44.366	ng	100
29) 2,4-Dichlorophenol	7.928	162	245197	44.368	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	256264	42.582	ng	99
31) Naphthalene	8.087	128	825988	42.155	ng	100
32) Benzoic acid	7.869	122	174126m	40.985	ng	
33) 4-Chloroaniline	8.145	127	68638	10.033	ng	99
34) Hexachlorobutadiene	8.198	225	158377	43.837	ng	100
35) Caprolactam	8.510	113	81094m	48.195	ng	
36) 4-Chloro-3-methylphenol	8.634	107	255129	41.676	ng	98
37) 2-Methylnaphthalene	8.775	142	518686	40.680	ng	100
38) 1-Methylnaphthalene	8.875	142	506265	40.996	ng	97
40) 1,2,4,5-Tetrachloroben...	8.939	216	285914	49.422	ng	98
41) Hexachlorocyclopentadiene	8.928	237	273700	142.242	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	161866	43.291	ng	99

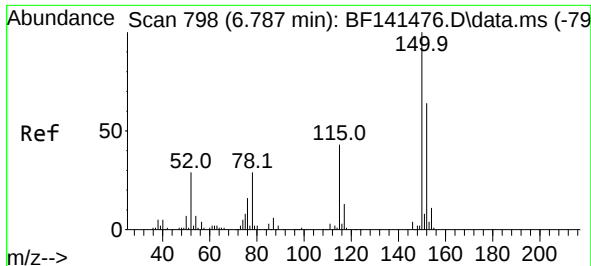
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	174350	43.026	ng	99
46) 1,1'-Biphenyl	9.239	154	748535	48.284	ng	99
47) 2-Chloronaphthalene	9.263	162	508645	44.370	ng	99
48) 2-Nitroaniline	9.363	65	162562	42.254	ng	97
49) Acenaphthylene	9.675	152	782927	45.917	ng	99
50) Dimethylphthalate	9.539	163	605822	44.628	ng	99
51) 2,6-Dinitrotoluene	9.604	165	132959	44.804	ng	98
52) Acenaphthene	9.845	154	487089	42.491	ng	99
53) 3-Nitroaniline	9.775	138	75760	23.720	ng	98
54) 2,4-Dinitrophenol	9.892	184	139897	79.320	ng	90
55) Dibenzofuran	10.022	168	691010	41.068	ng	100
56) 4-Nitrophenol	9.957	139	177303	74.780	ng	92
57) 2,4-Dinitrotoluene	10.010	165	175924	44.531	ng	100
58) Fluorene	10.363	166	559779	43.027	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	150741	43.208	ng	94
60) Diethylphthalate	10.239	149	570388	42.706	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	275012	43.940	ng	96
62) 4-Nitroaniline	10.392	138	129785	40.017	ng	97
63) Azobenzene	10.516	77	541693	40.797	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	94939	42.711	ng	94
66) n-Nitrosodiphenylamine	10.475	169	484302	47.280	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	167859	46.936	ng	99
68) Hexachlorobenzene	10.910	284	175104	47.548	ng	99
69) Atrazine	11.004	200	182641	59.434	ng	99
70) Pentachlorophenol	11.110	266	170411	72.368	ng	99
71) Phenanthrene	11.328	178	797115	45.254	ng	100
72) Anthracene	11.375	178	819316	46.272	ng	100
73) Carbazole	11.533	167	691741	43.418	ng	100
74) Di-n-butylphthalate	11.857	149	823710	44.776	ng	100
75) Fluoranthene	12.510	202	779628	41.748	ng	100
77) Benzidine	12.639	184	224700	52.400	ng	99
78) Pyrene	12.739	202	779719	47.108	ng	100
80) Butylbenzylphthalate	13.357	149	281517	49.104	ng	98
81) Benzo(a)anthracene	13.927	228	590808	45.711	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	118363	31.969	ng	97
83) Chrysene	13.963	228	543262	45.522	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	344277	53.244	ng	100
85) Di-n-octyl phthalate	14.521	149	505302	54.779	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	532554	49.914	ng	99
88) Benzo(b)fluoranthene	14.963	252	475554	41.016	ng	99
89) Benzo(k)fluoranthene	14.992	252	477036	48.183	ng	98
90) Benzo(a)pyrene	15.321	252	449645	47.927	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	427019	49.393	ng	99
92) Benzo(g,h,i)perylene	17.239	276	418620	46.272	ng	99

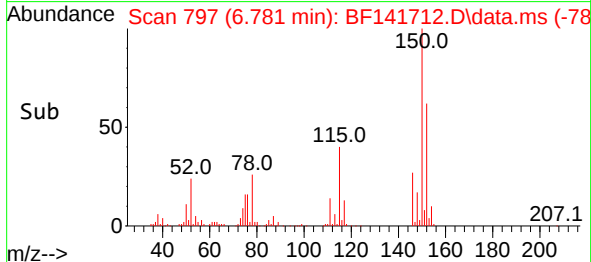
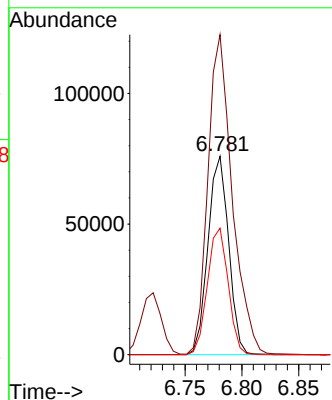
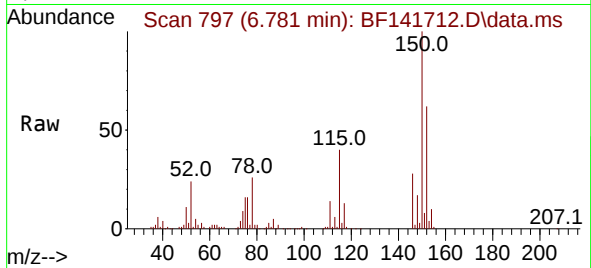
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141712.D
 Acq: 21 Feb 2025 11:14

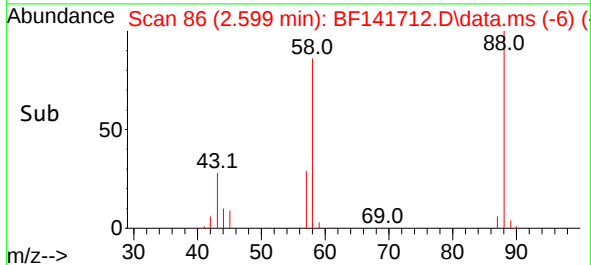
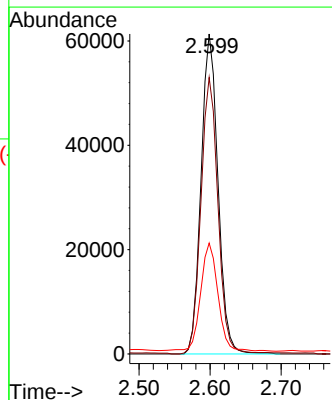
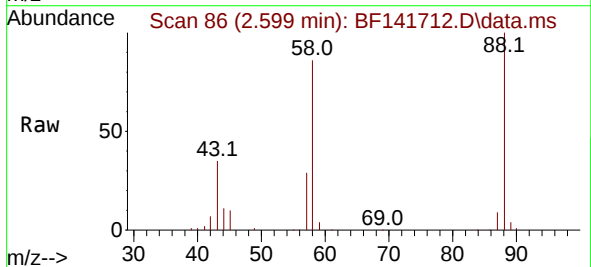
Instrument :
 BNA_F
 ClientSampleId :
 PB166801BSD

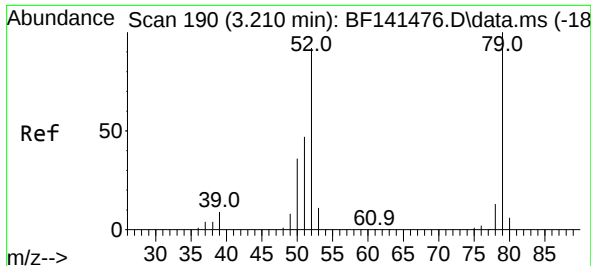
Tgt Ion:152 Resp: 96053
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.0 187.4
 115 63.8 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.308 ng
 RT: 2.599 min Scan# 86
 Delta R.T. 0.118 min
 Lab File: BF141712.D
 Acq: 21 Feb 2025 11:14

Tgt Ion: 88 Resp: 101863
 Ion Ratio Lower Upper
 88 100
 58 87.3 71.1 106.7
 43 34.0 30.6 46.0





#3

Pyridine

Concen: 40.104 ng

RT: 3.328 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

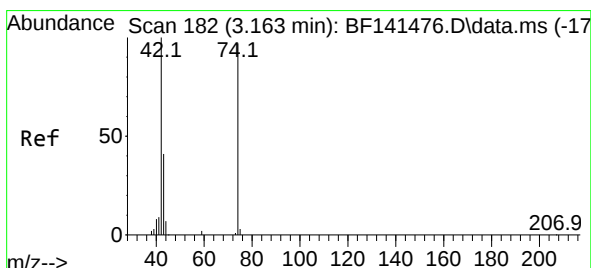
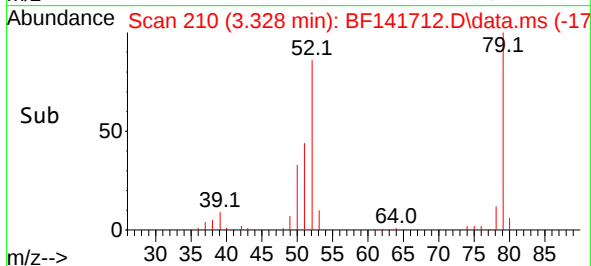
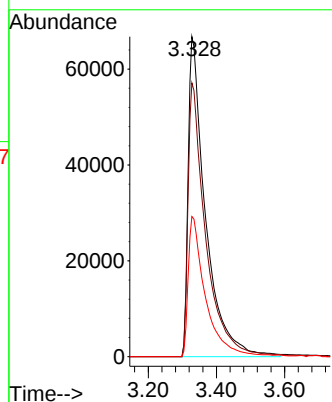
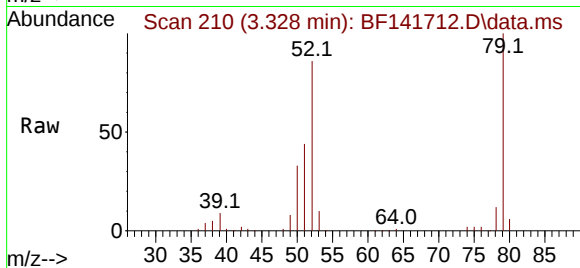
Tgt Ion: 79 Resp: 235330

Ion Ratio Lower Upper

79 100

52 85.6 73.7 110.5

51 43.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.708 ng

RT: 3.281 min Scan# 202

Delta R.T. 0.094 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

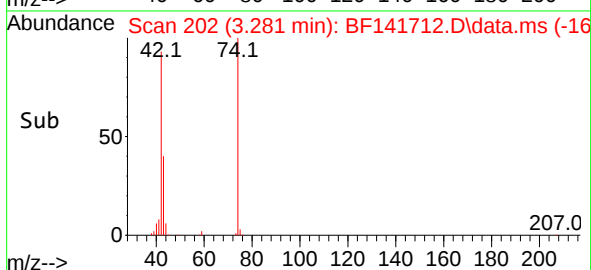
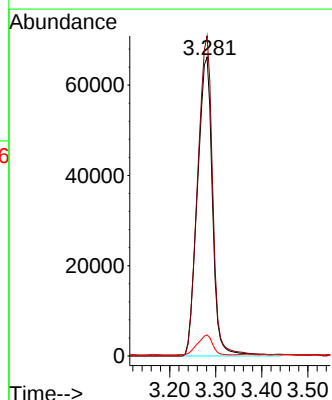
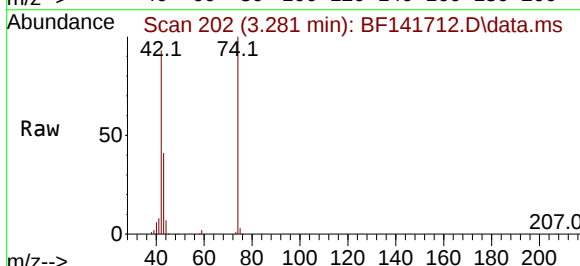
Tgt Ion: 42 Resp: 150397

Ion Ratio Lower Upper

42 100

74 107.1 78.0 117.0

44 7.1 5.4 8.2

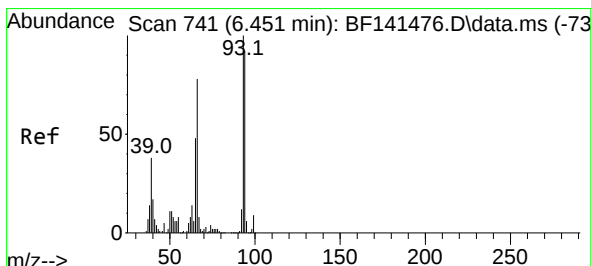
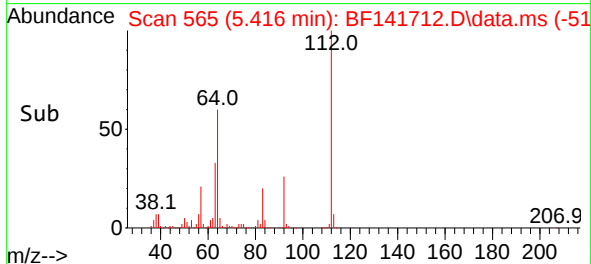
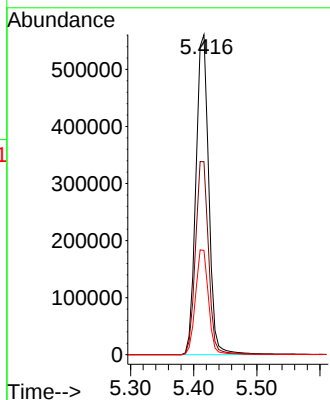
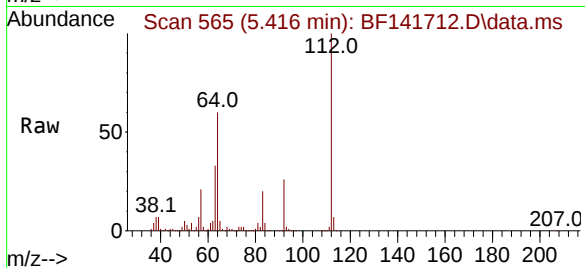




#5
2-Fluorophenol
Concen: 129.441 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

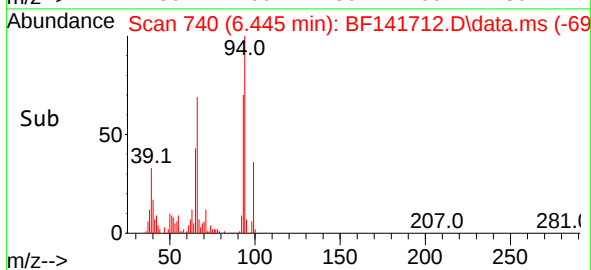
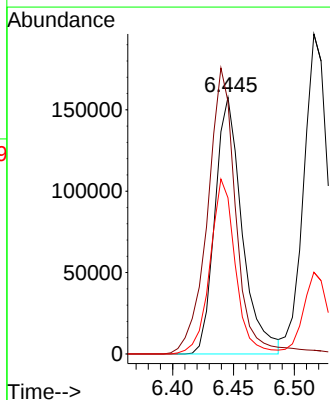
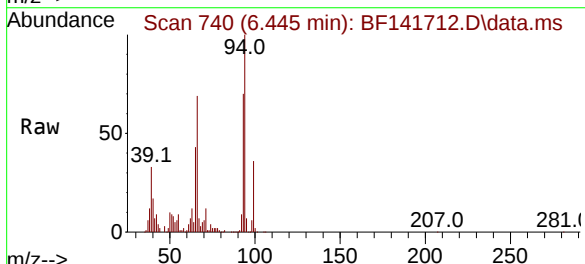
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

Tgt Ion:112 Resp: 793062
Ion Ratio Lower Upper
112 100
64 60.3 51.1 76.7
63 32.6 28.4 42.6



#6
Aniline
Concen: 33.668 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion: 93 Resp: 244565
Ion Ratio Lower Upper
93 100
66 98.4 62.6 94.0#
65 60.9 38.3 57.5#

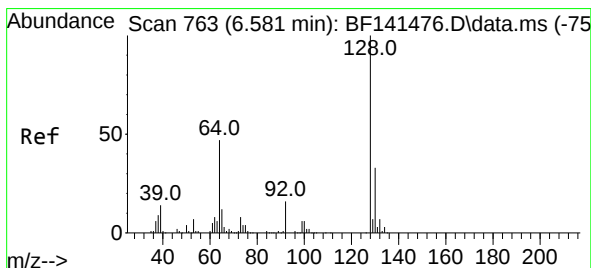
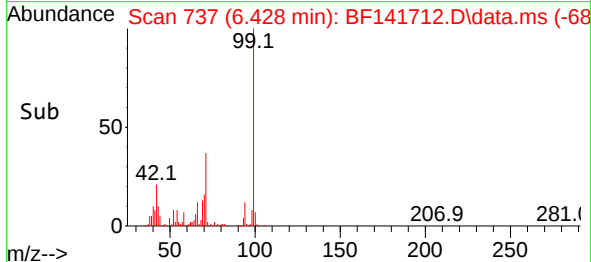
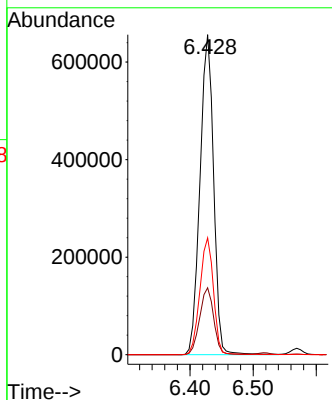
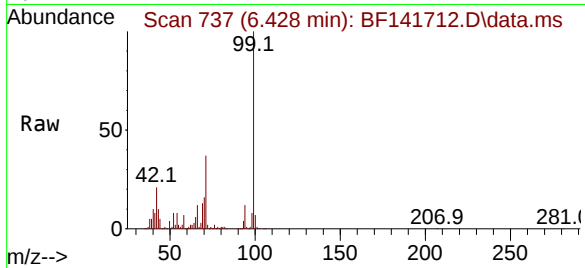




#7
Phenol-d6
Concen: 127.227 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

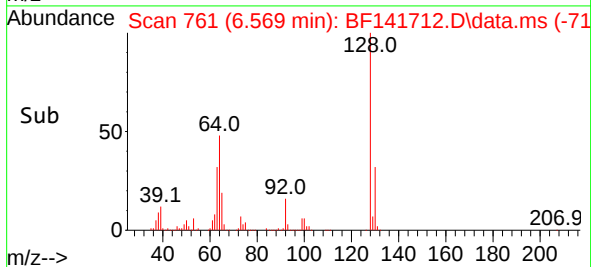
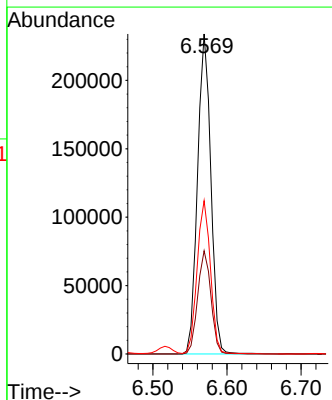
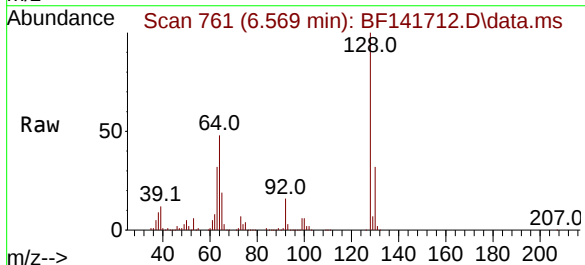
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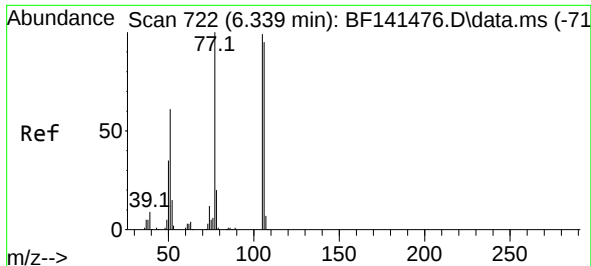
Tgt Ion: 99 Resp: 985224
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.5 31.1 46.7



#8
2-Chlorophenol
Concen: 44.168 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:128 Resp: 292405
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 47.9 28.3 68.3

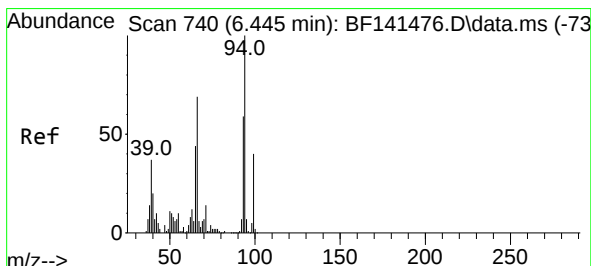
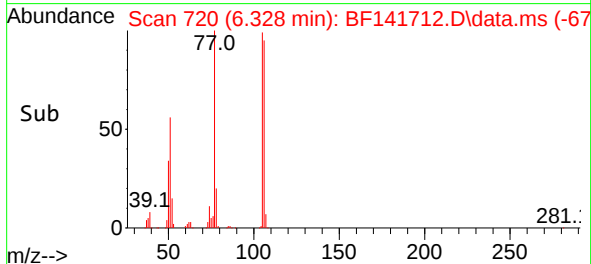
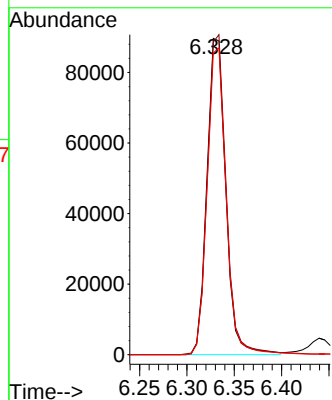
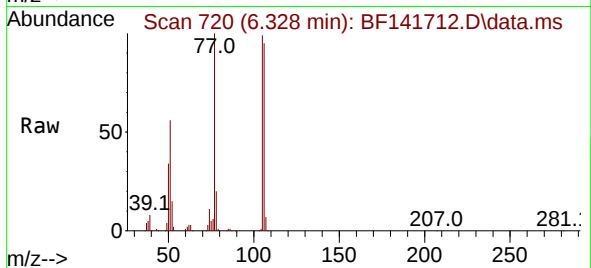




#9
Benzaldehyde
Concen: 30.129 ng
RT: 6.328 min Scan# 712
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

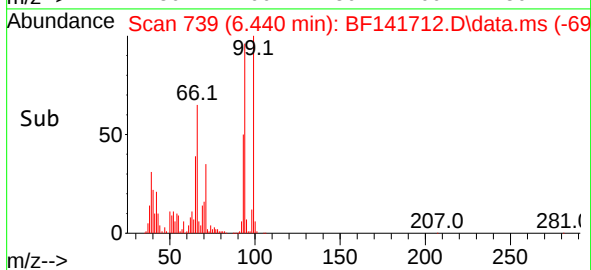
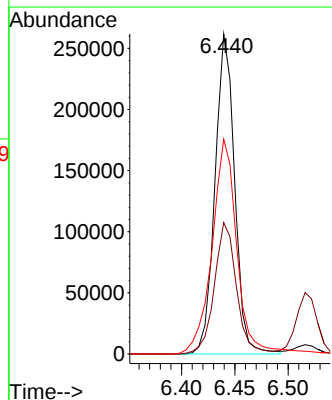
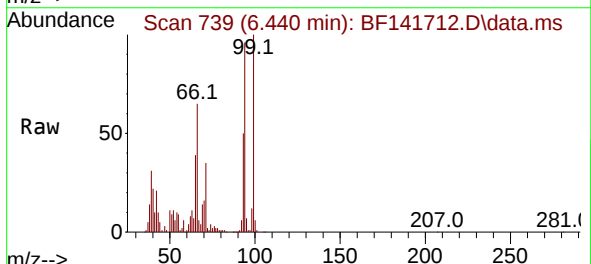
Instrument :
BNA_F
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PB166801BSD

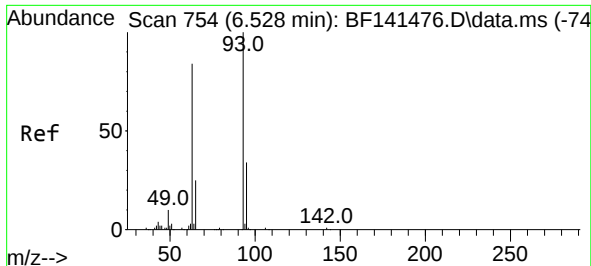
Tgt Ion: 77 Resp: 123982
Ion Ratio Lower Upper
77 100
105 98.8 79.4 119.4
106 95.4 75.1 115.1



#10
Phenol
Concen: 41.628 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion: 94 Resp: 335511
Ion Ratio Lower Upper
94 100
65 41.0 23.7 63.7
66 67.1 49.3 89.3

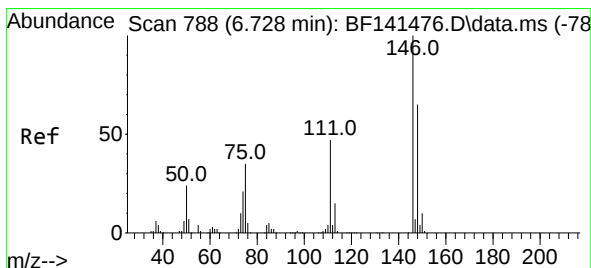
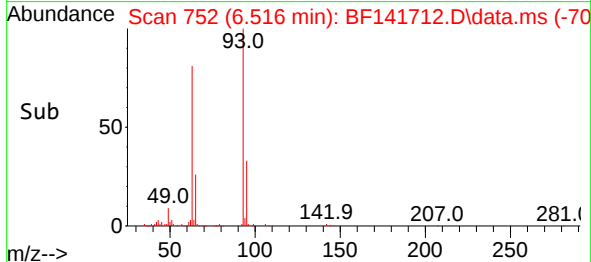
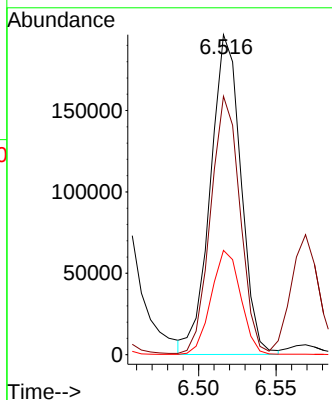
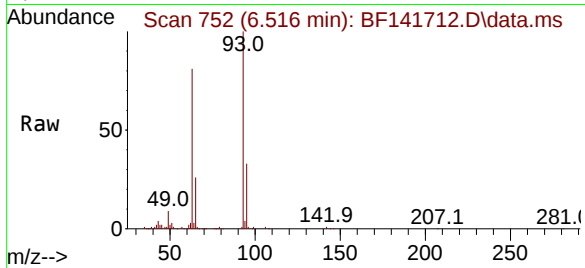




#11
bis(2-Chloroethyl)ether
Concen: 44.449 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

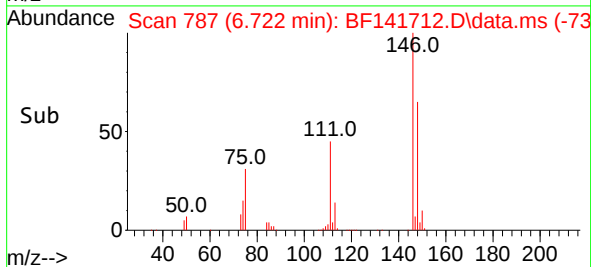
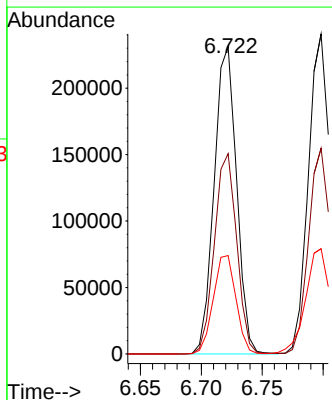
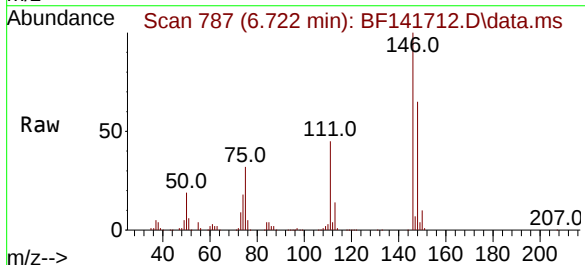
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

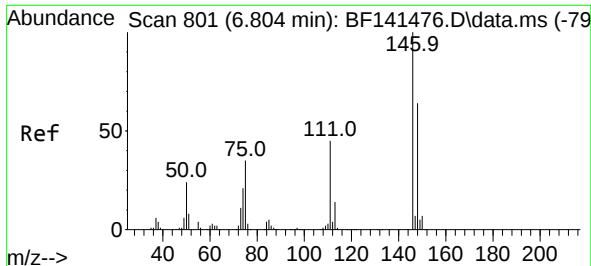
Tgt Ion: 93 Resp: 269084
Ion Ratio Lower Upper
93 100
63 80.7 62.0 102.0
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.467 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:146 Resp: 296812
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
75 32.0 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.568 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

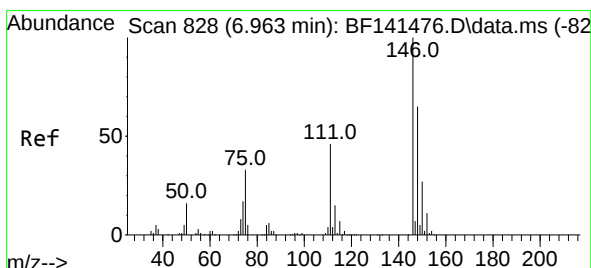
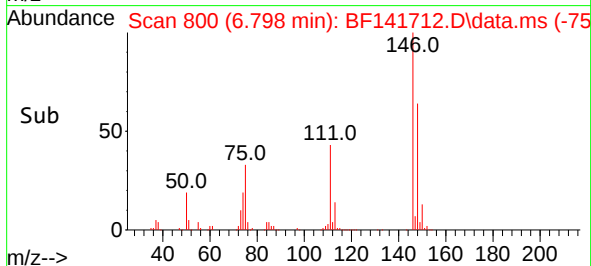
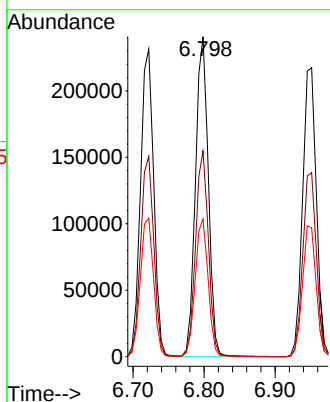
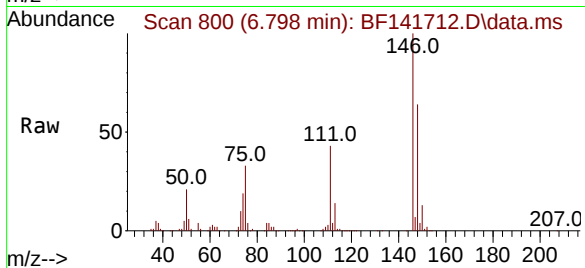
Tgt Ion:146 Resp: 303978

Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

111 43.0 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 43.956 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

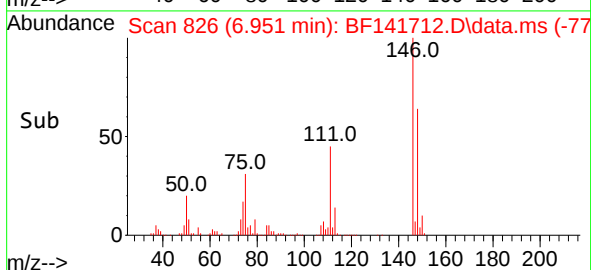
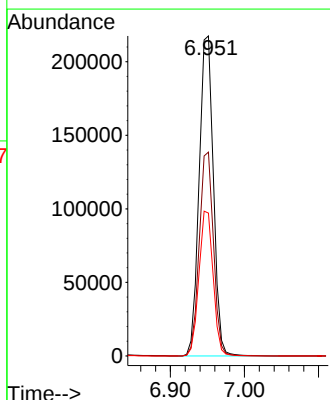
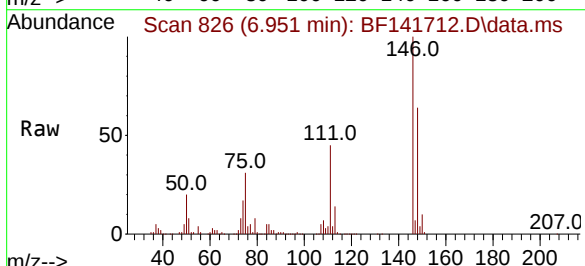
Tgt Ion:146 Resp: 291327

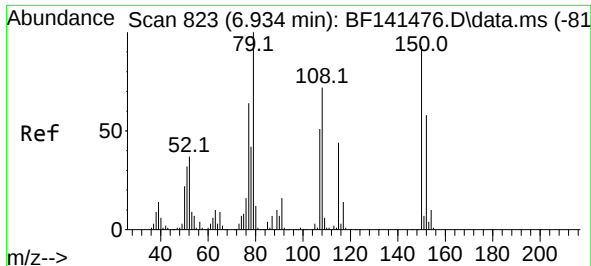
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

111 44.6 37.0 55.4

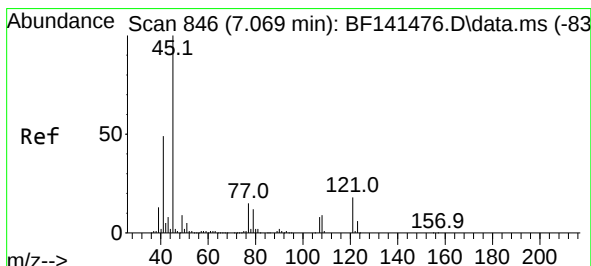
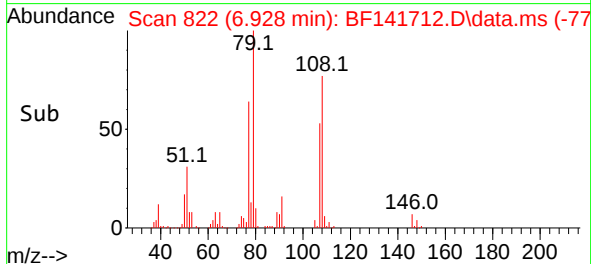
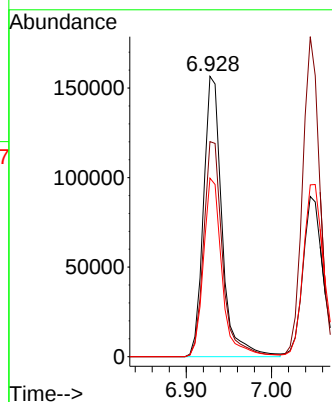
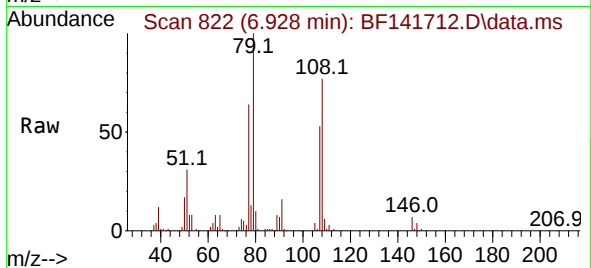




#15
Benzyl Alcohol
Concen: 39.848 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

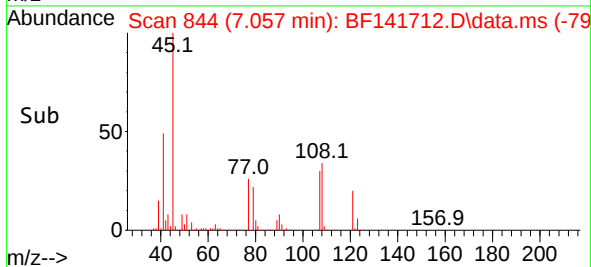
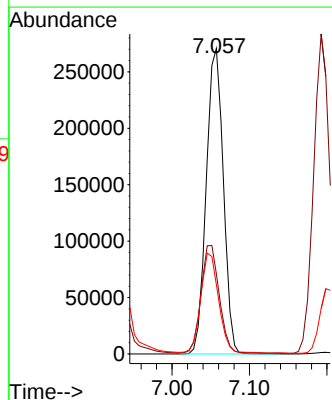
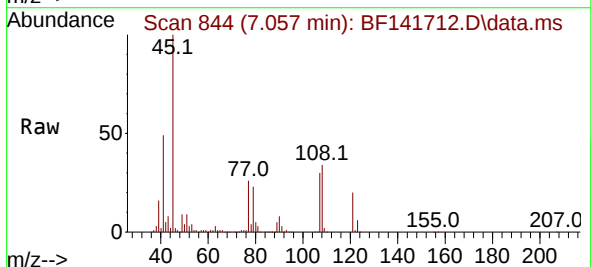
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

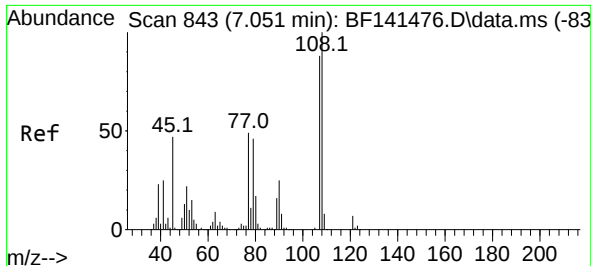
Tgt Ion: 79 Resp: 236631
Ion Ratio Lower Upper
79 100
108 76.7 57.4 86.2
77 63.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.946 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

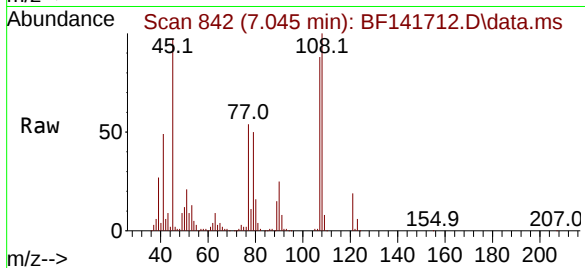
Tgt Ion: 45 Resp: 413956
Ion Ratio Lower Upper
45 100
77 26.3 0.0 35.8
79 22.7 0.0 32.7



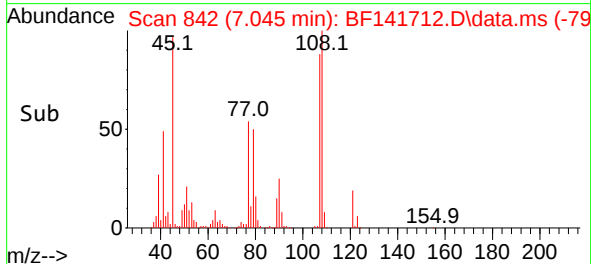
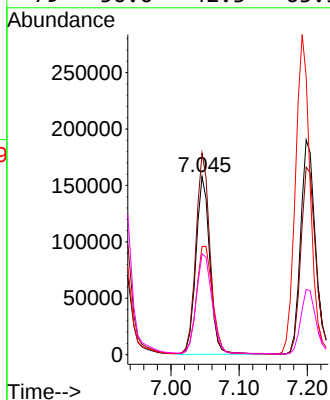


#17
2-Methylphenol
Concen: 43.125 ng
RT: 7.045 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Instrument :
BNA_F
ClientSampleId :
PB166801BSD

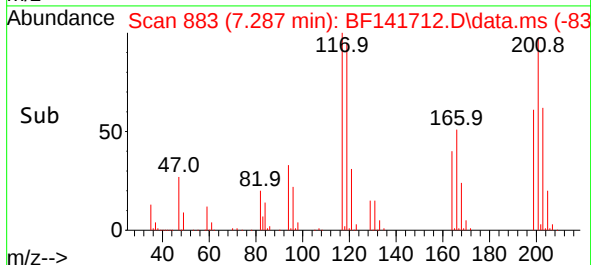
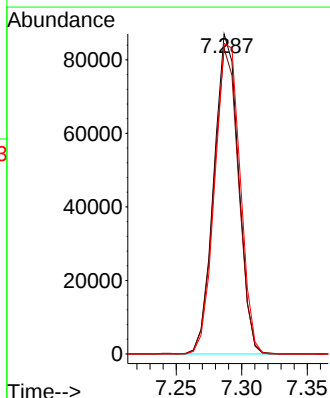
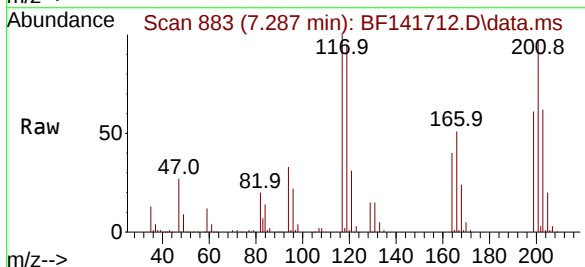


Tgt Ion:	107	Resp:	223418
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	136.0
77	60.8	44.4	66.6
79	56.6	42.3	63.5



#18
Hexachloroethane
Concen: 42.879 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:	117	Resp:	113320
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.5	114.7
201	97.1	76.7	115.1



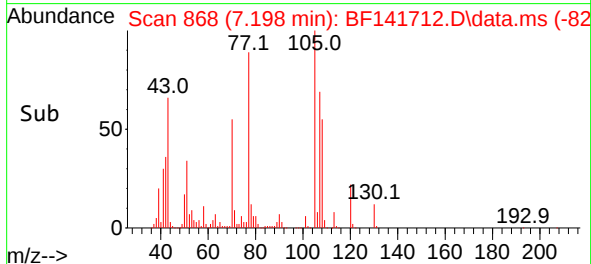
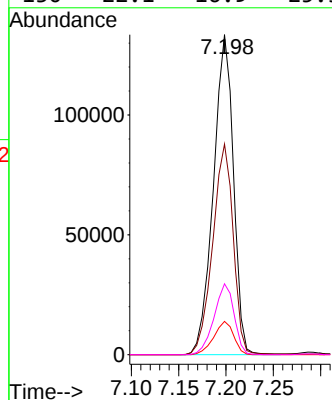
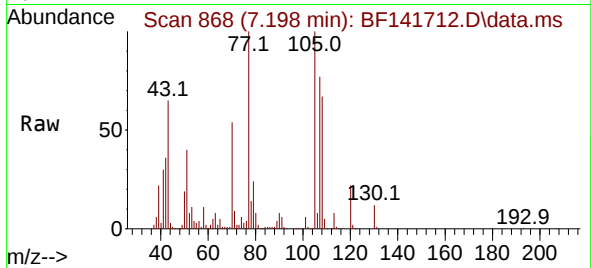


#19
n-Nitroso-di-n-propylamine
Concen: 42.427 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Instrument :
BNA_F
ClientSampleId :
PB166801BSD

Tgt Ion: 70 Resp: 196522

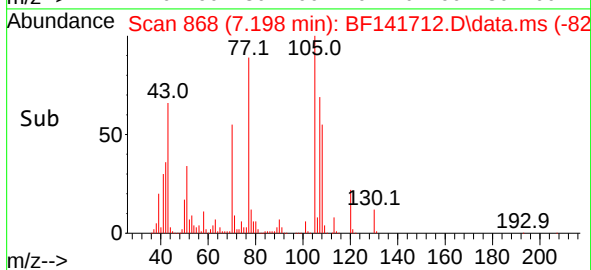
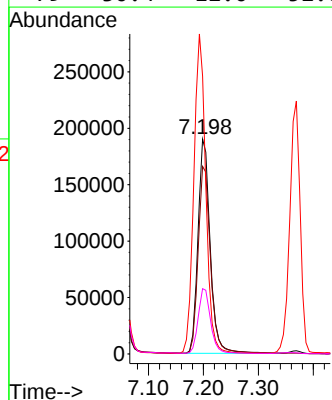
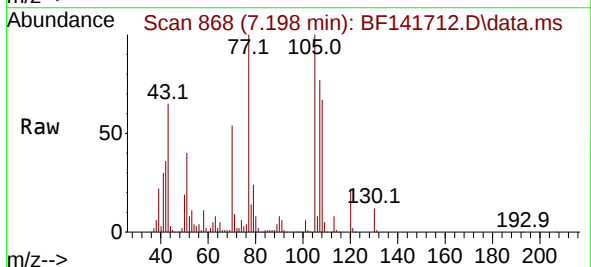
Ion	Ratio	Lower	Upper
70	100		
42	65.8	57.4	86.2
101	10.4	8.0	12.0
130	22.1	16.9	25.3



#20
3+4-Methylphenols
Concen: 44.555 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion: 107 Resp: 293353

Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.5	108.5
77	129.3	116.5	156.5
79	30.4	12.0	52.0

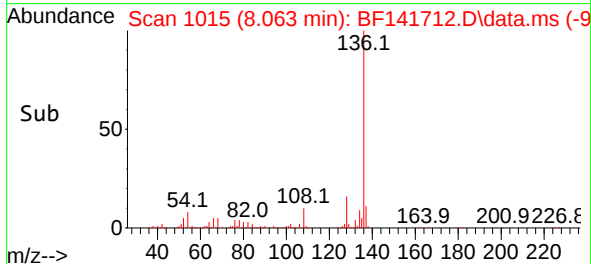
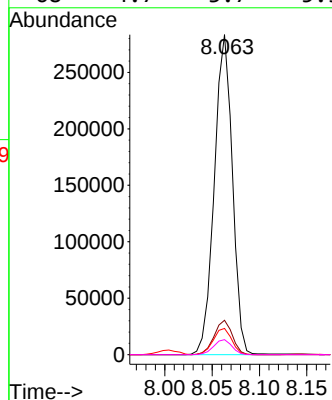
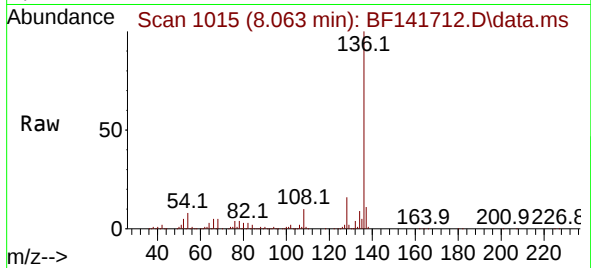




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

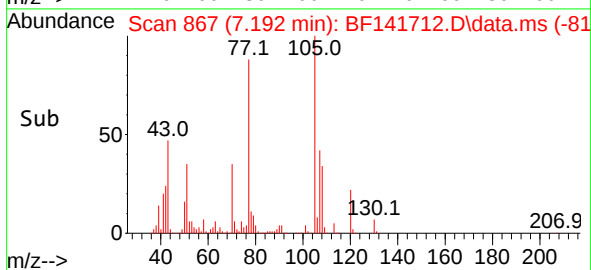
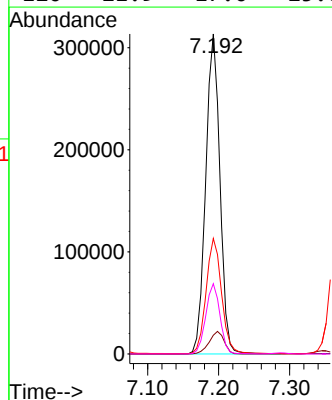
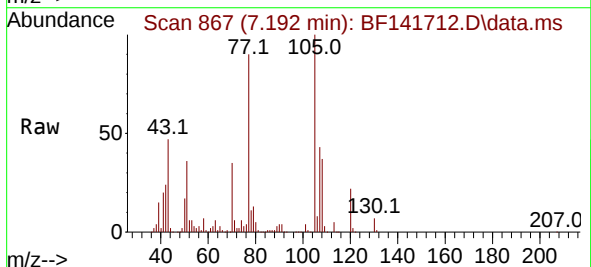
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

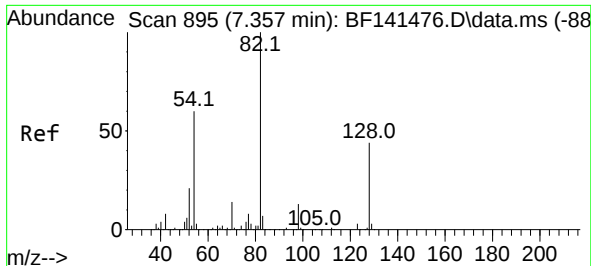
Tgt Ion:136 Resp: 376420
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 7.2 10.8
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 46.725 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:105 Resp: 437518
Ion Ratio Lower Upper
105 100
71 5.8 5.7 8.5
51 36.1 33.7 50.5
120 21.9 17.0 25.6

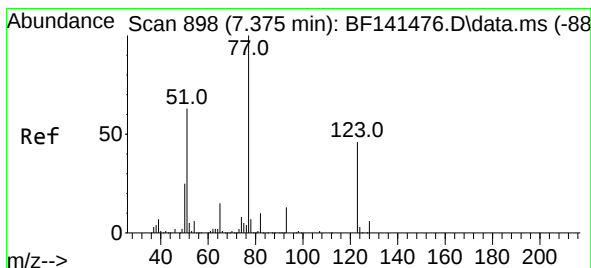
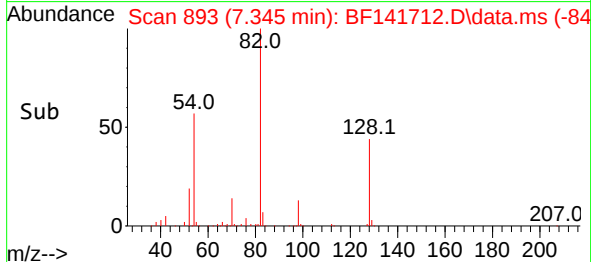
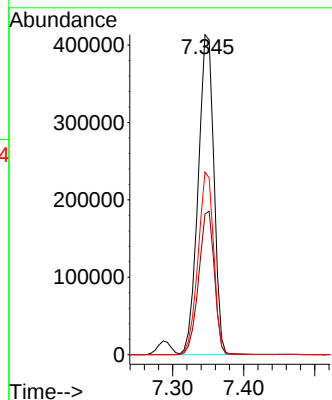
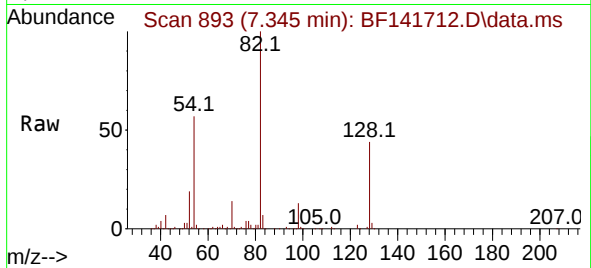




#23
Nitrobenzene-d5
Concen: 88.546 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

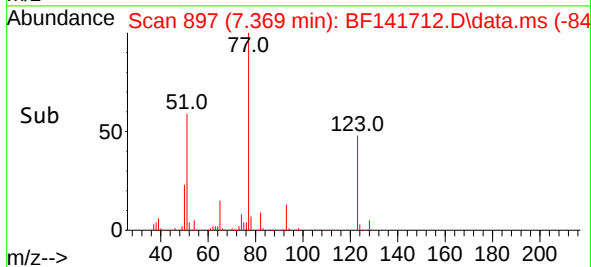
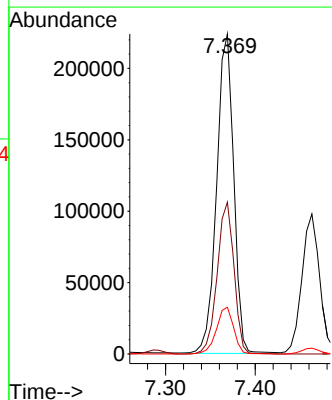
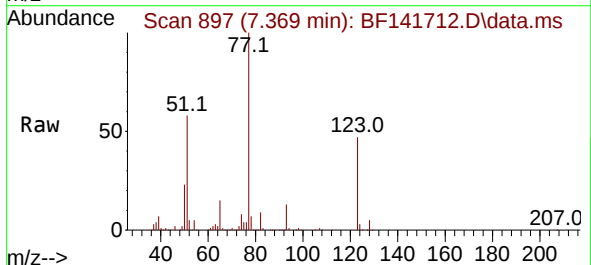
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

Tgt Ion: 82 Resp: 639025
Ion Ratio Lower Upper
82 100
128 44.0 34.8 52.2
54 57.1 48.2 72.4



#24
Nitrobenzene
Concen: 42.061 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion: 77 Resp: 295996
Ion Ratio Lower Upper
77 100
123 47.4 36.9 55.3
65 14.6 11.9 17.9

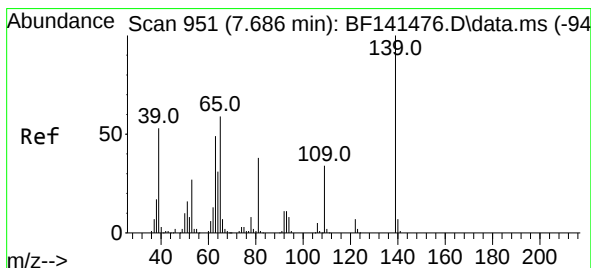
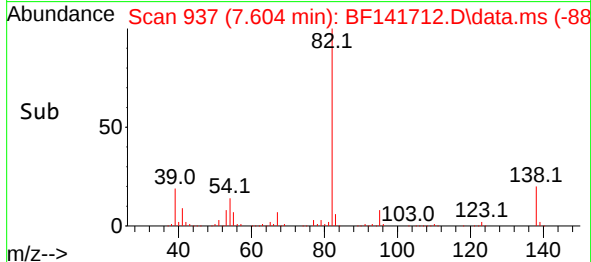
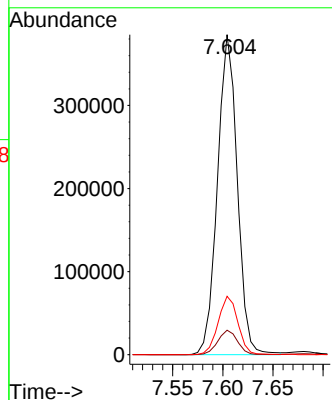
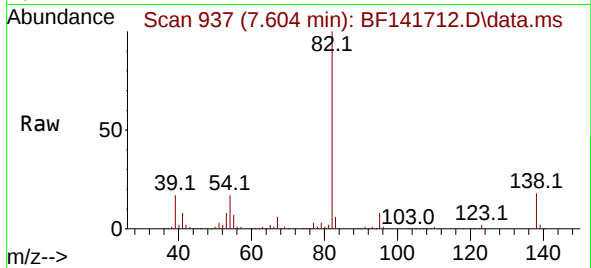




#25
Isophorone
Concen: 45.962 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

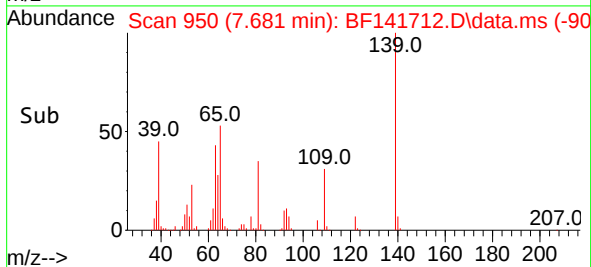
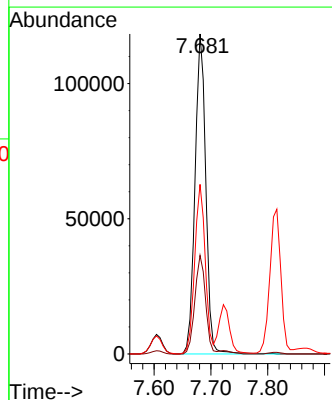
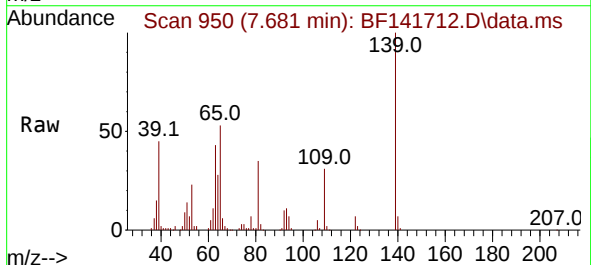
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

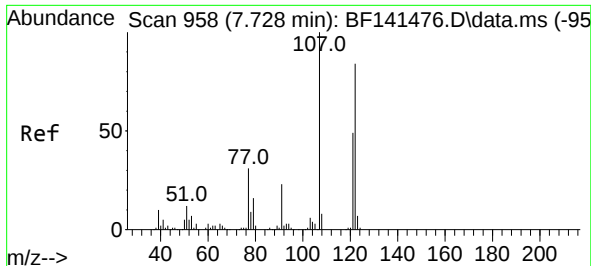
Tgt Ion: 82 Resp: 528895
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.3 13.9 20.9



#26
2-Nitrophenol
Concen: 44.882 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:139 Resp: 157140
Ion Ratio Lower Upper
139 100
109 30.8 27.0 40.6
65 53.0 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 56.133 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

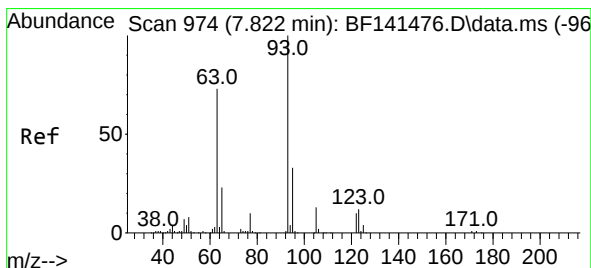
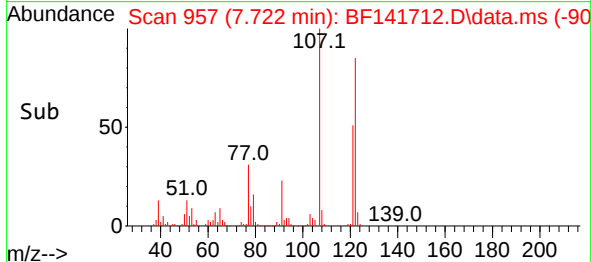
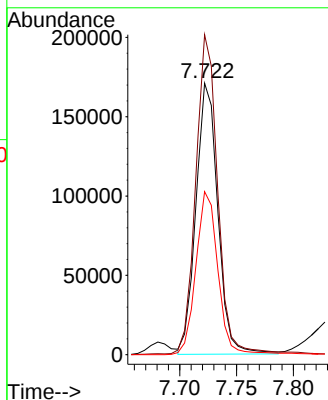
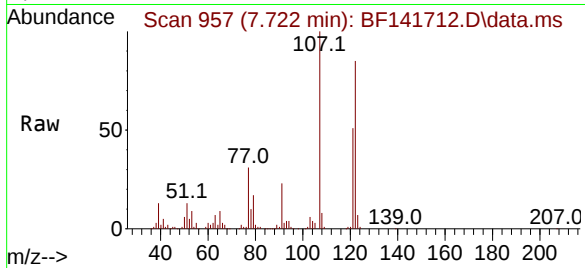
Tgt Ion:122 Resp: 229596

Ion Ratio Lower Upper

122 100

107 117.8 94.3 141.5

121 60.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.366 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

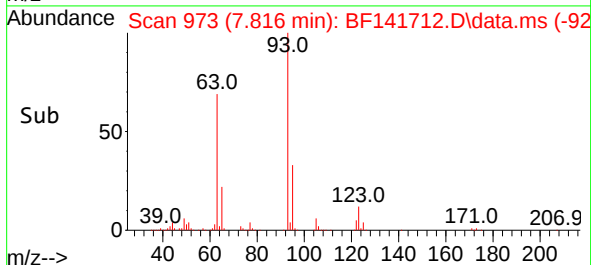
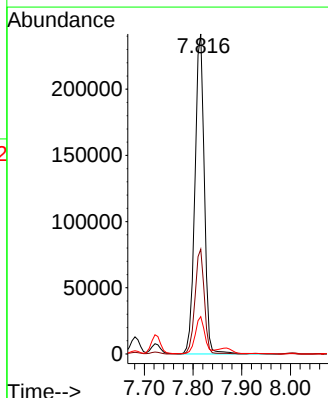
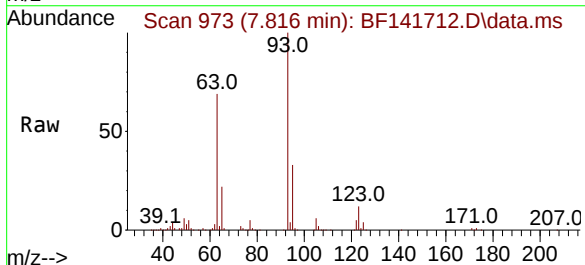
Tgt Ion: 93 Resp: 327132

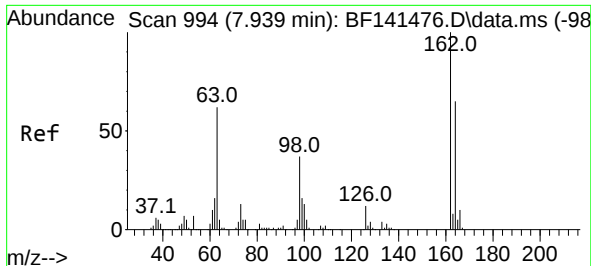
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 11.6 9.5 14.3

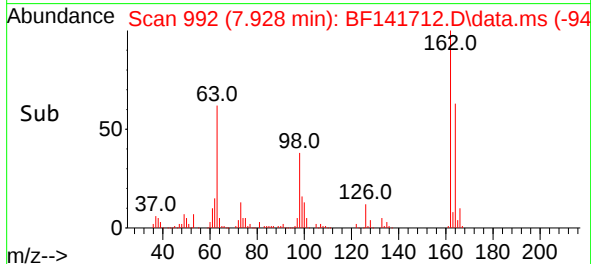
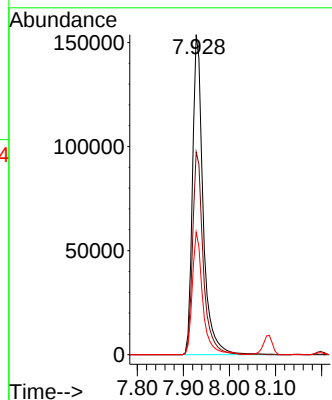
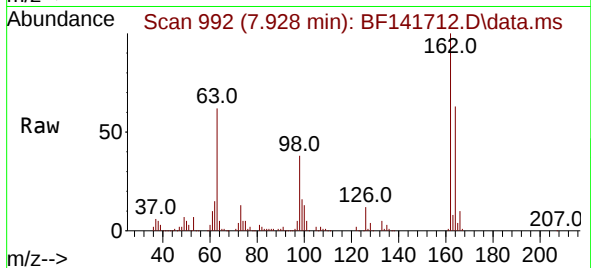




#29
2,4-Dichlorophenol
Concen: 44.368 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

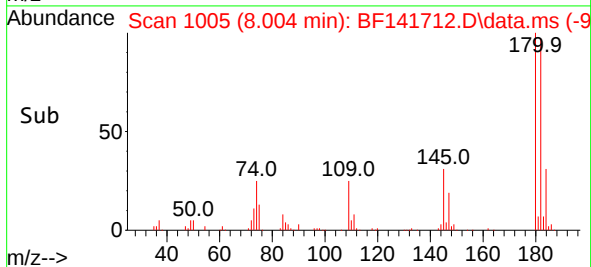
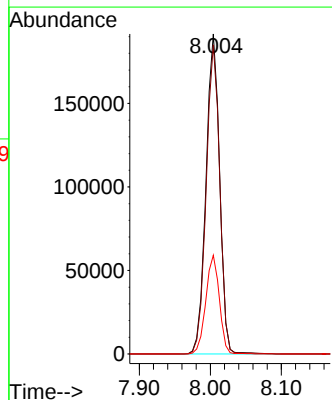
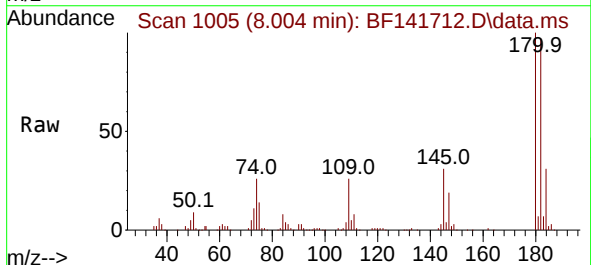
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

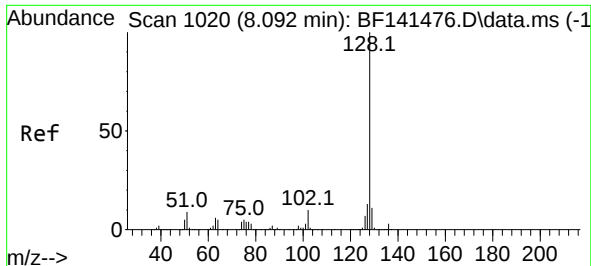
Tgt Ion:162 Resp: 245197
Ion Ratio Lower Upper
162 100
164 63.4 44.6 84.6
98 38.3 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 42.582 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:180 Resp: 256264
Ion Ratio Lower Upper
180 100
182 96.6 76.8 115.2
145 30.9 24.2 36.4

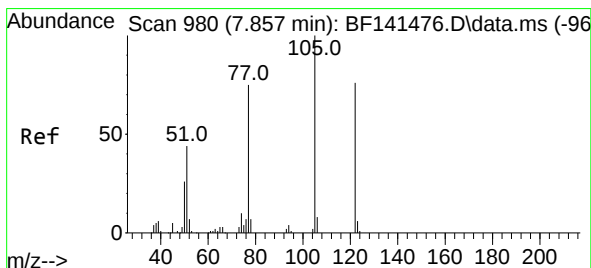
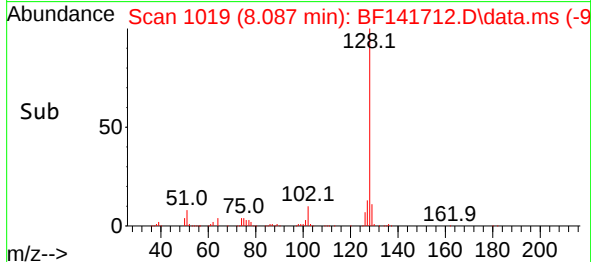
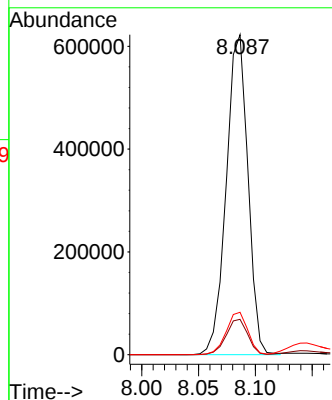
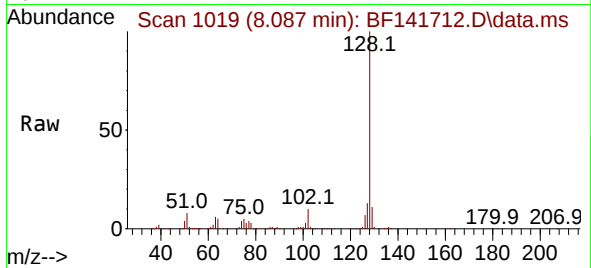




#31
Naphthalene
Concen: 42.155 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

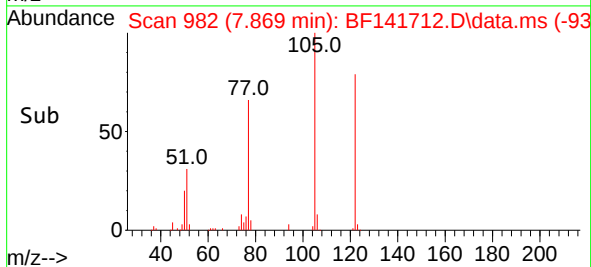
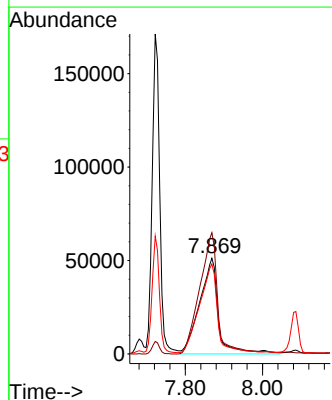
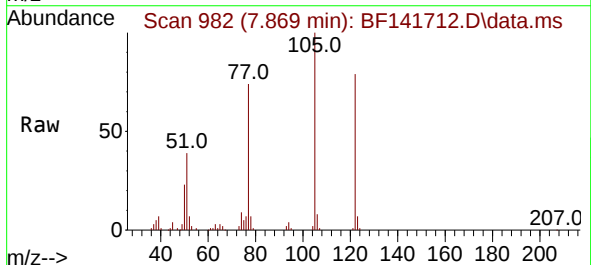
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

Tgt Ion:128 Resp: 825988
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 40.985 ng m
RT: 7.869 min Scan# 982
Delta R.T. -0.023 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:122 Resp: 174126
Ion Ratio Lower Upper
122 100
105 126.8 106.5 146.5
77 94.1 76.3 116.3

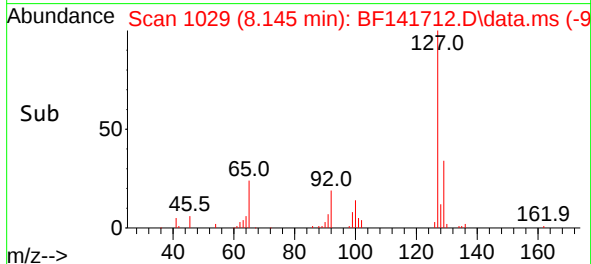
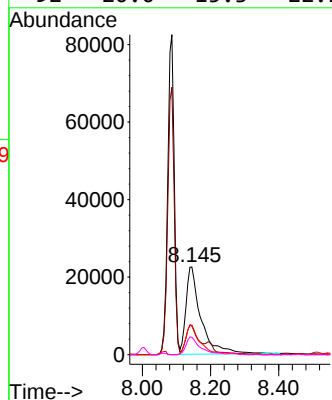
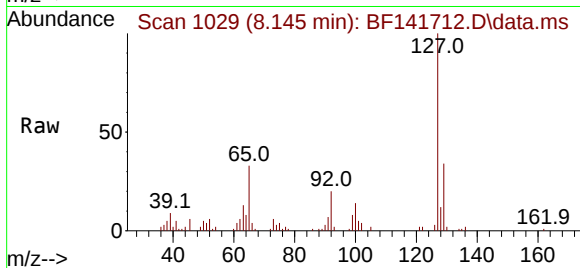




#33
4-Chloroaniline
Concen: 10.033 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

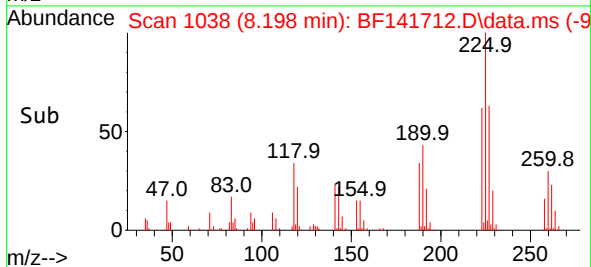
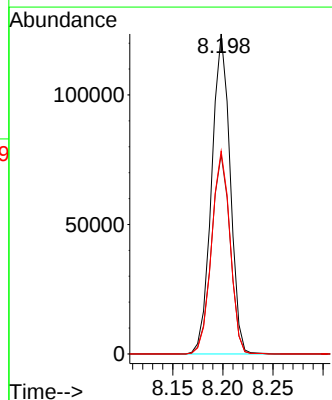
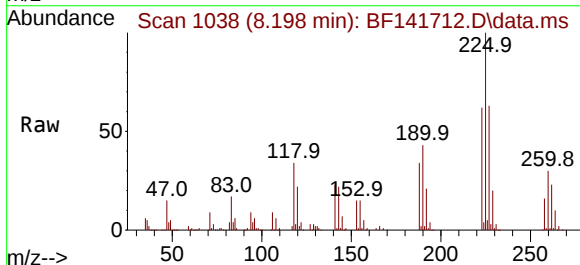
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

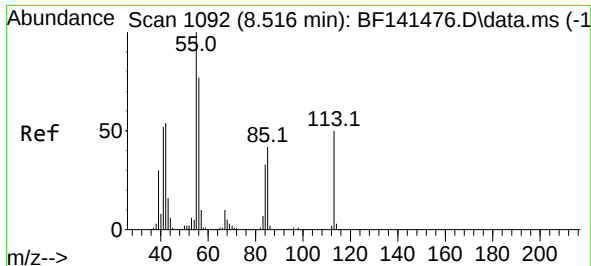
Tgt Ion:	127	Resp:	68638
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.5	39.7
65	32.5	26.4	39.6
92	20.0	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.837 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:	225	Resp:	158377
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	63.4	51.0	76.6

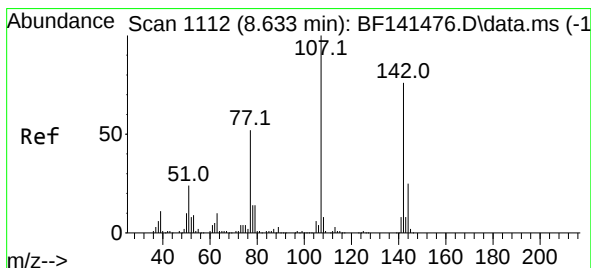
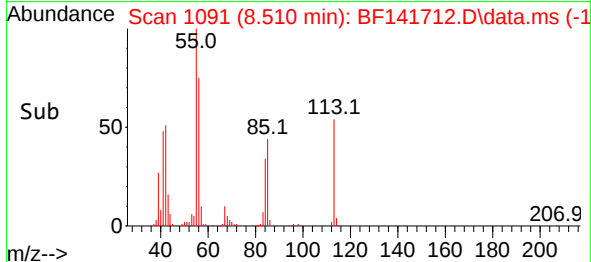
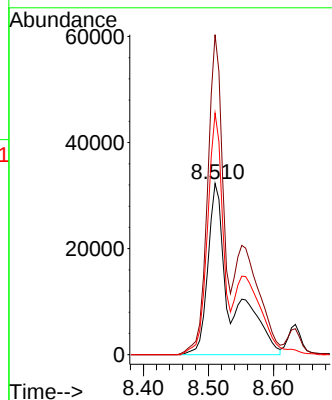
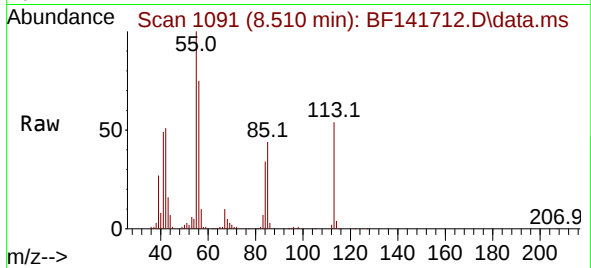




#35
Caprolactam
Concen: 48.195 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

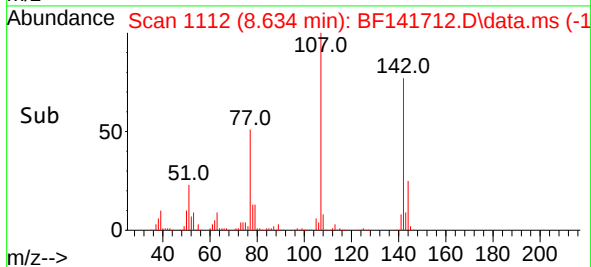
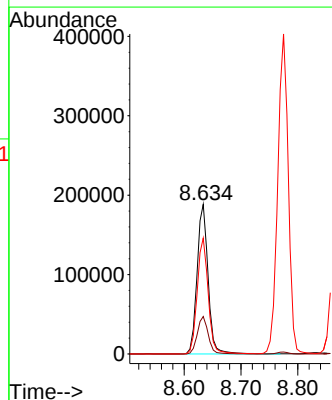
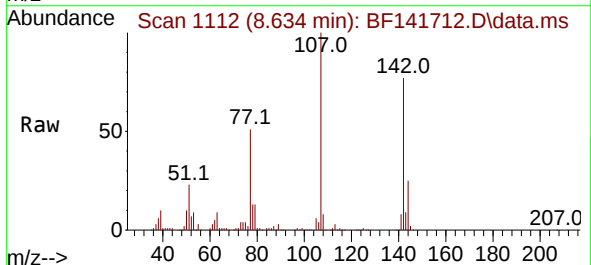
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

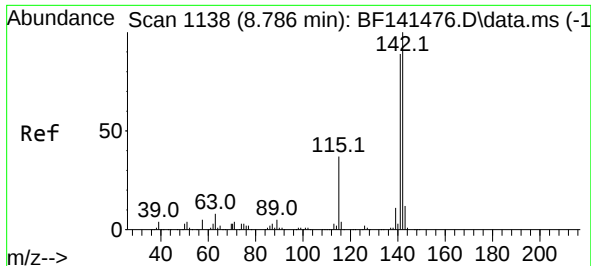
Tgt Ion:113 Resp: 81094
Ion Ratio Lower Upper
113 100
55 186.9 180.8 220.8
56 141.1 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 41.676 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:107 Resp: 255129
Ion Ratio Lower Upper
107 100
144 25.1 19.7 29.5
142 77.4 60.8 91.2





#37

2-Methylnaphthalene

Concen: 40.680 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

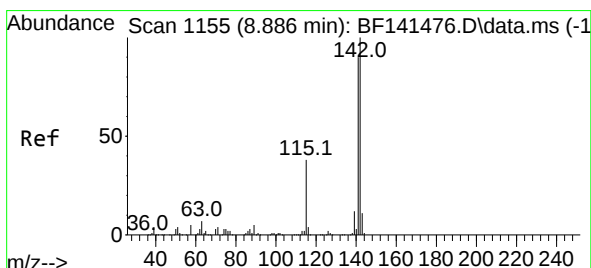
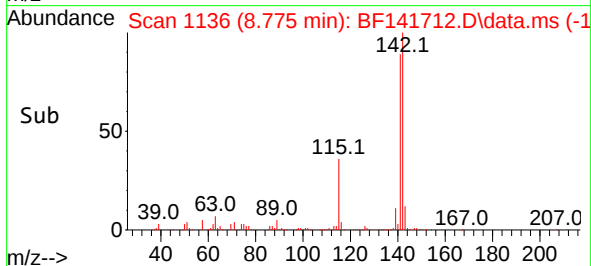
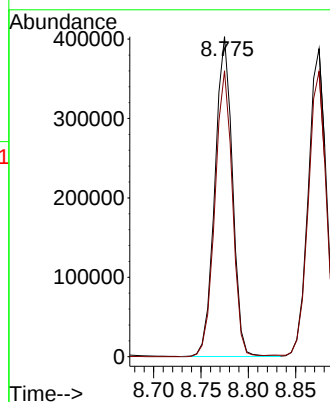
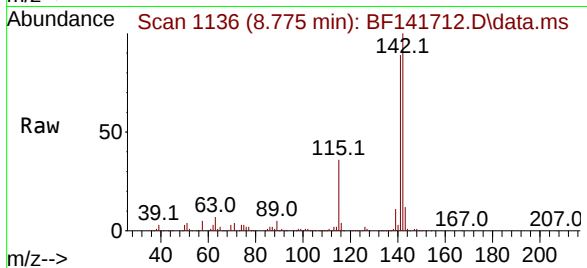
PB166801BSD

Tgt Ion:142 Resp: 518686

Ion Ratio Lower Upper

142 100

141 89.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 40.996 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141712.D

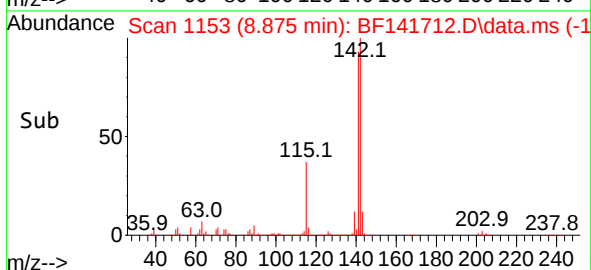
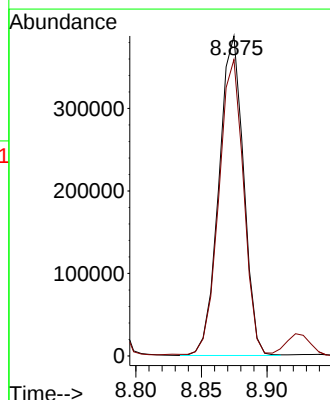
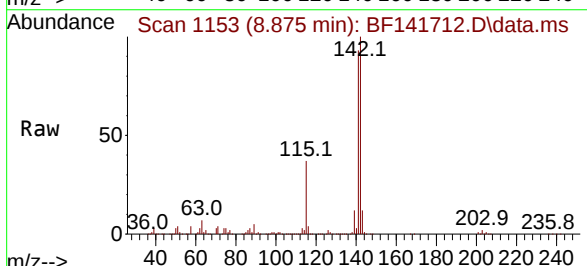
Acq: 21 Feb 2025 11:14

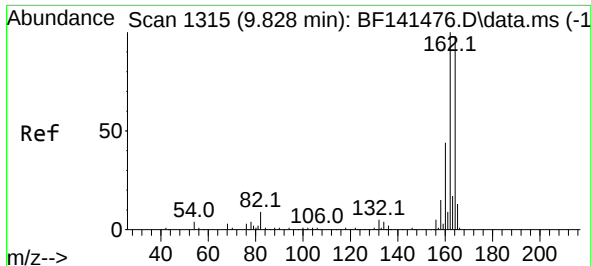
Tgt Ion:142 Resp: 506265

Ion Ratio Lower Upper

142 100

141 92.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

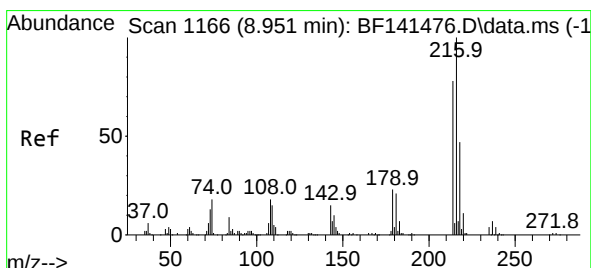
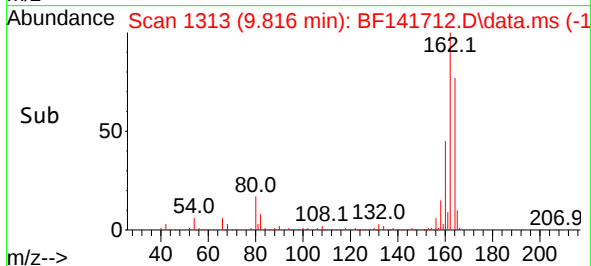
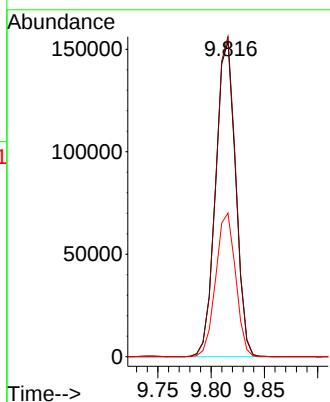
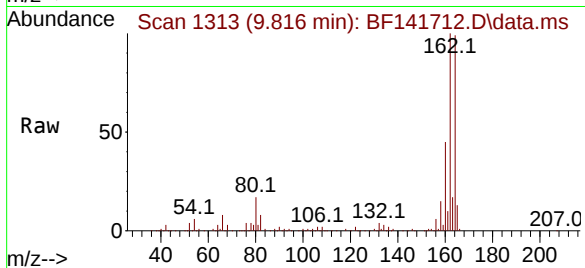
Tgt Ion:164 Resp: 199962

Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 45.5 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.422 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Tgt Ion:216 Resp: 285914

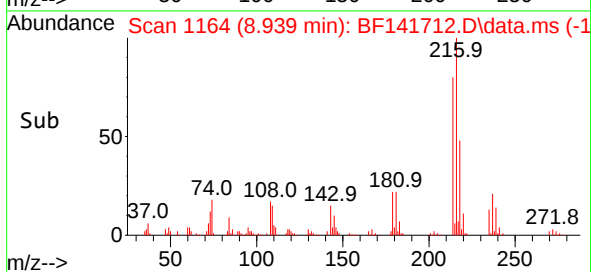
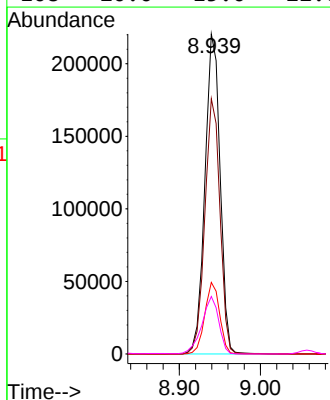
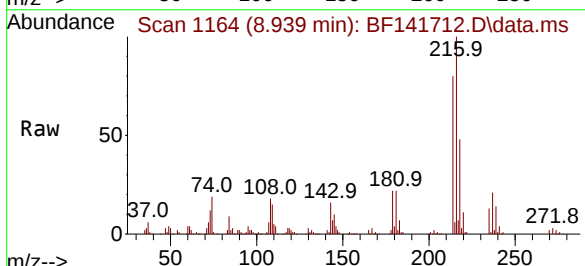
Ion Ratio Lower Upper

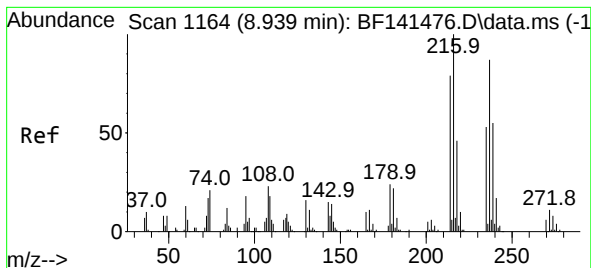
216 100

214 79.3 62.3 93.5

179 21.8 18.0 27.0

108 20.0 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 142.242 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

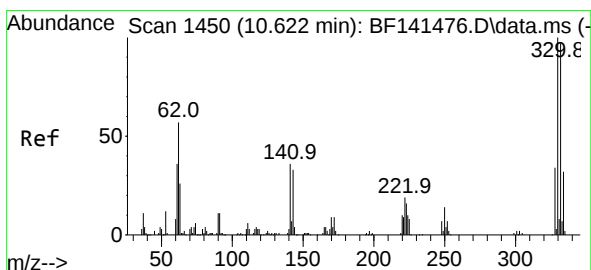
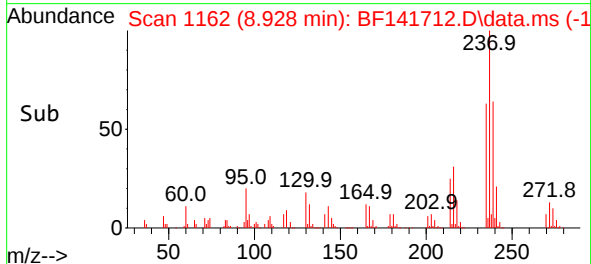
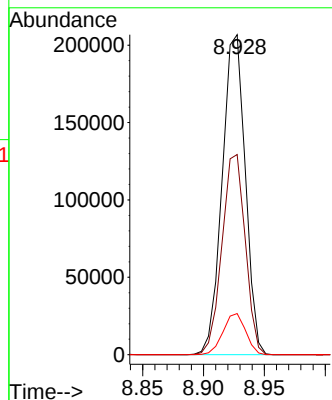
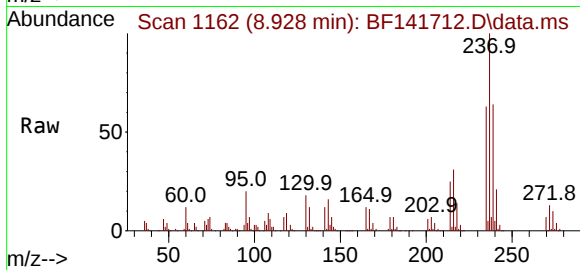
Tgt Ion:237 Resp: 273700

Ion Ratio Lower Upper

237 100

235 62.6 41.4 81.4

272 12.9 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 129.301 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

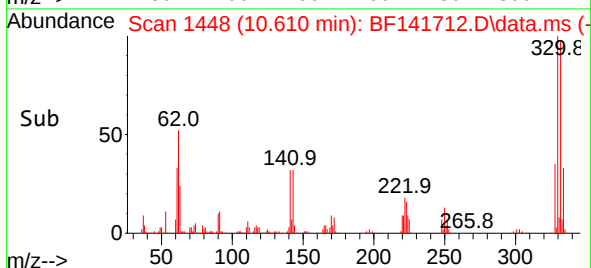
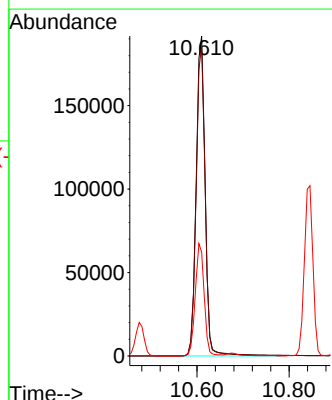
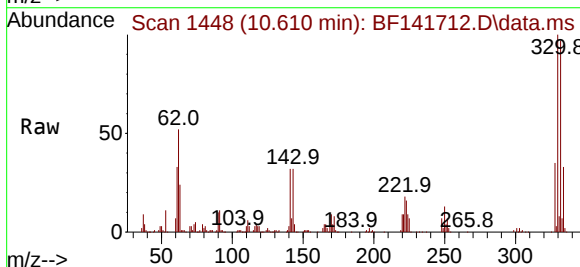
Tgt Ion:330 Resp: 259728

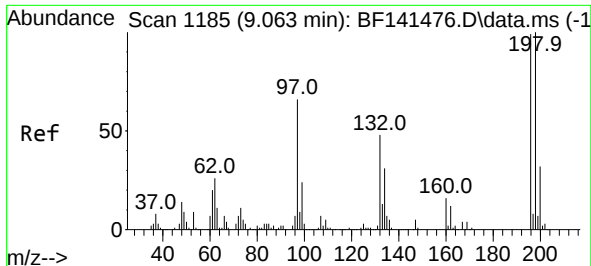
Ion Ratio Lower Upper

330 100

332 96.2 78.5 117.7

141 34.6 31.0 46.4

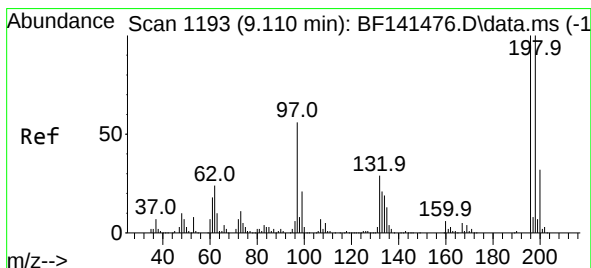
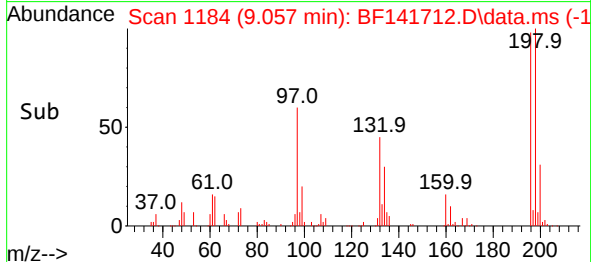
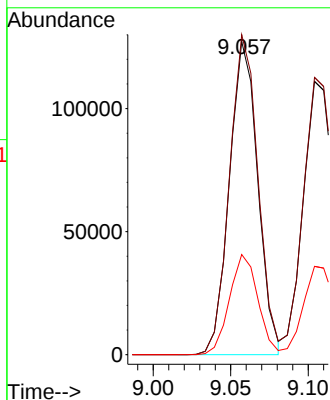
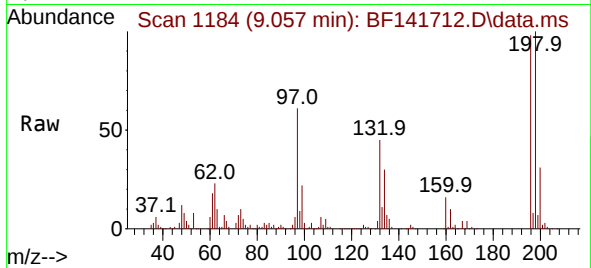




#43
2,4,6-Trichlorophenol
Concen: 43.291 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

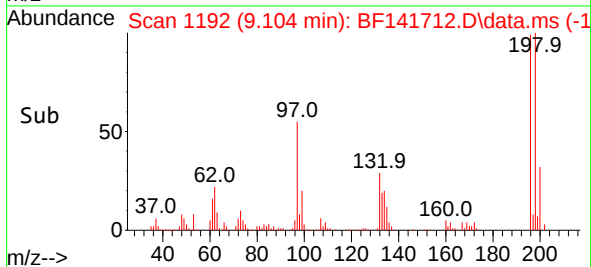
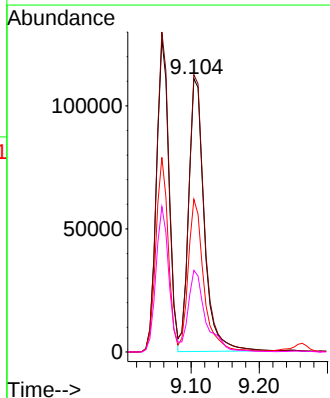
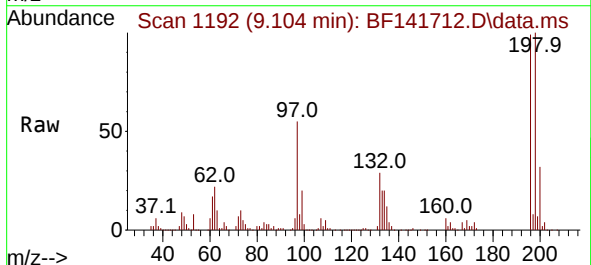
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

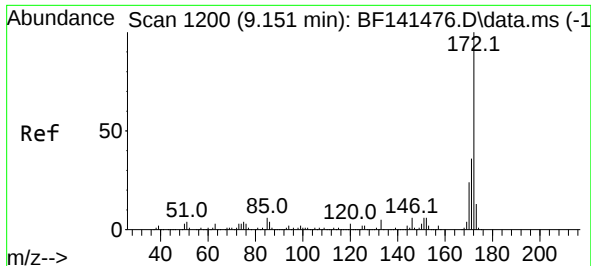
Tgt Ion:196 Resp: 161866
Ion Ratio Lower Upper
196 100
198 102.2 80.6 121.0
200 32.0 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 43.026 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:196 Resp: 174350
Ion Ratio Lower Upper
196 100
198 101.5 79.8 119.8
97 55.9 44.8 67.2
132 29.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 93.448 ng

RT: 9.139 min Scan# 1118

Delta R.T. -0.012 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

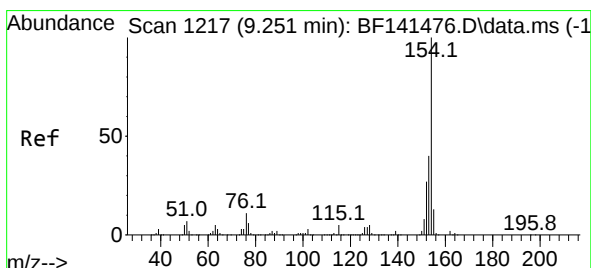
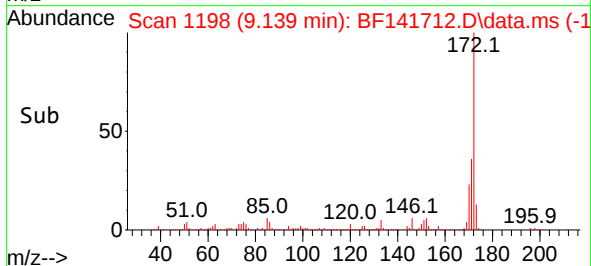
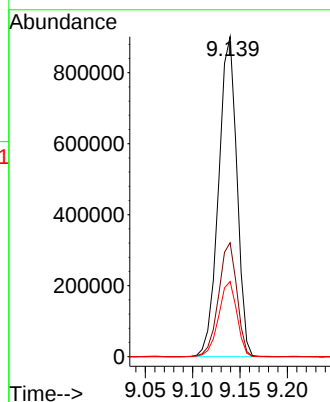
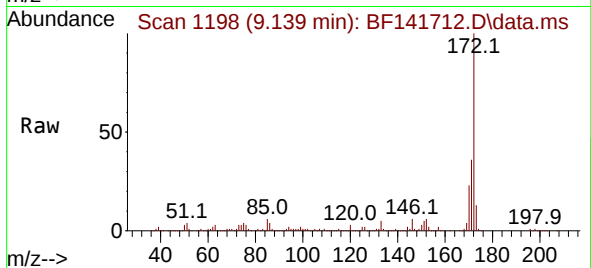
Tgt Ion:172 Resp: 1212867

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.284 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.017 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

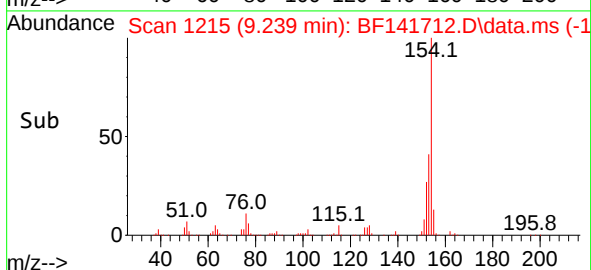
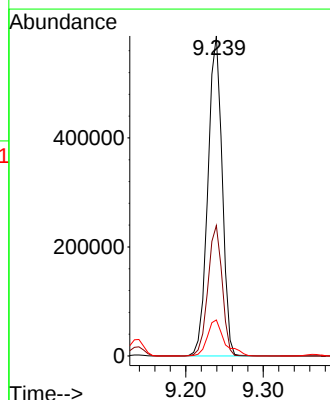
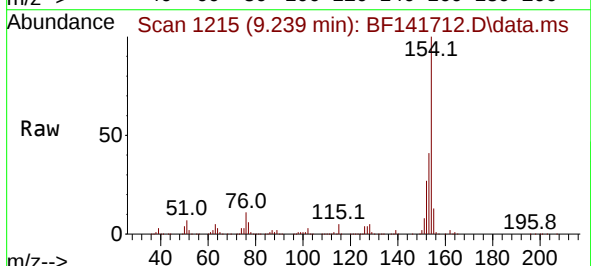
Tgt Ion:154 Resp: 748535

Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 11.3 0.0 30.8

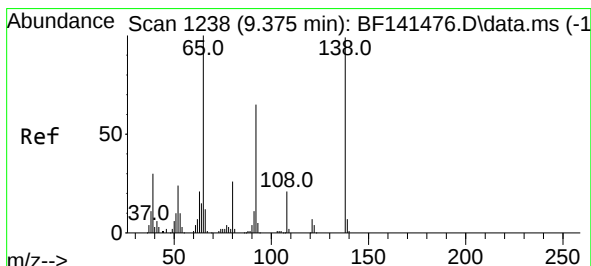
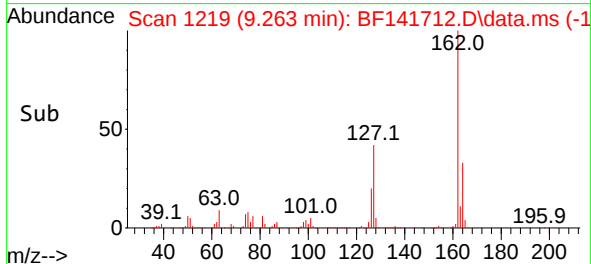
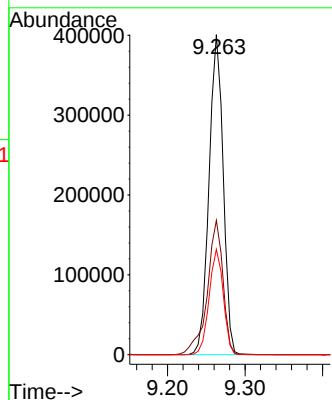
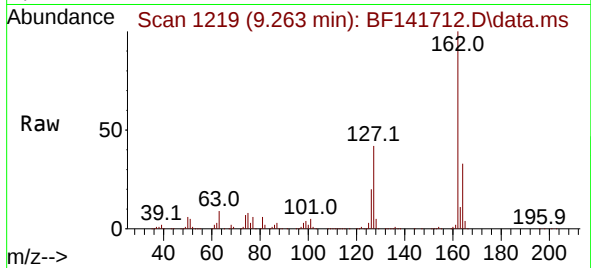




#47
2-Chloronaphthalene
Concen: 44.370 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

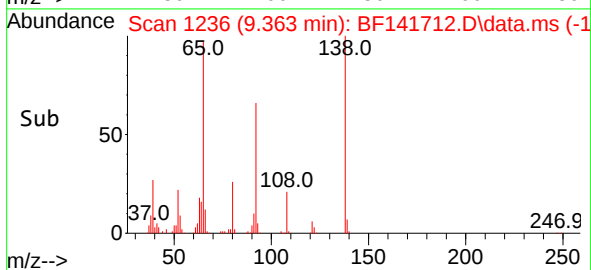
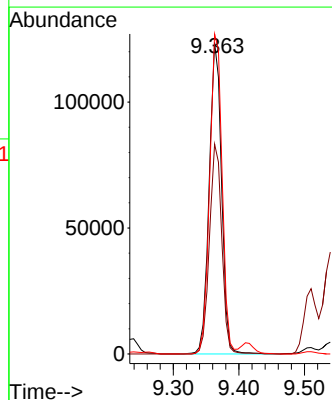
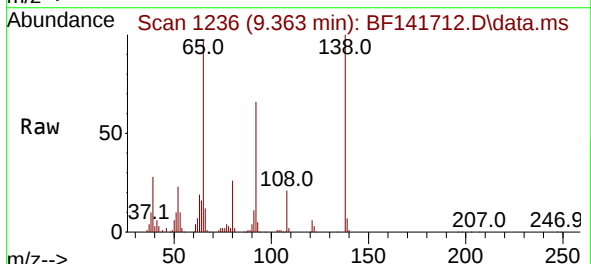
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

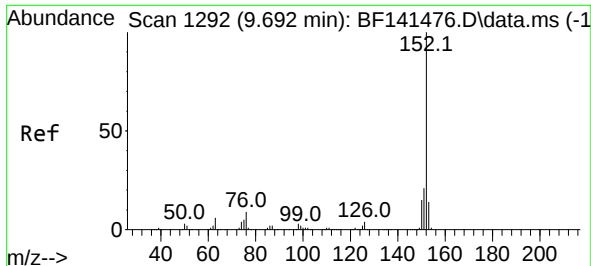
Tgt Ion:162 Resp: 508645
Ion Ratio Lower Upper
162 100
127 42.0 34.1 51.1
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 42.254 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion: 65 Resp: 162562
Ion Ratio Lower Upper
65 100
92 67.4 52.2 78.2
138 102.8 79.5 119.3





#49

Acenaphthylene

Concen: 45.917 ng

RT: 9.675 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

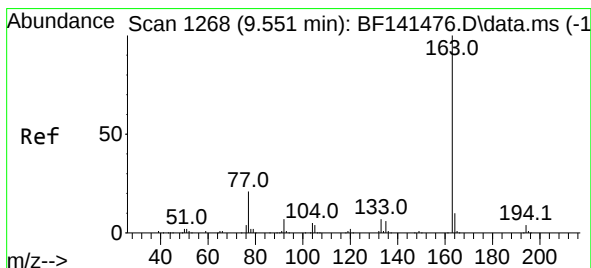
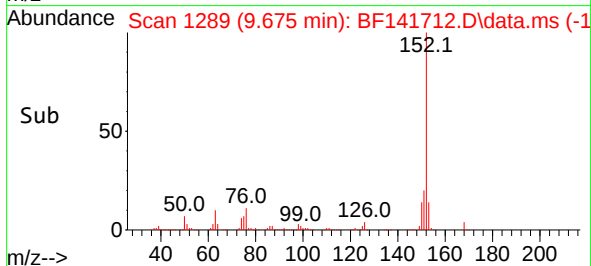
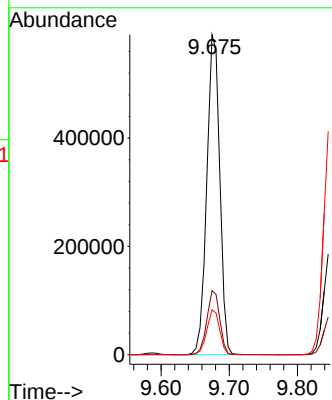
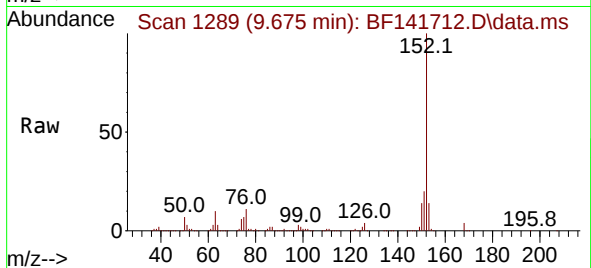
Tgt Ion:152 Resp: 782927

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 44.628 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.023 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

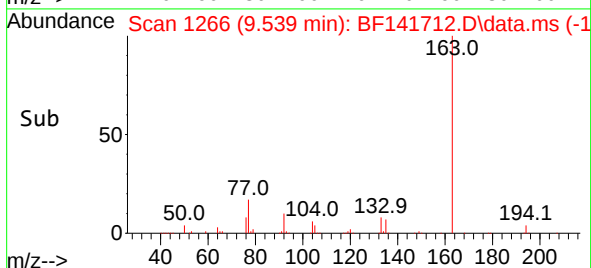
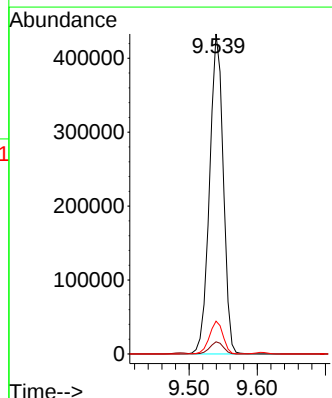
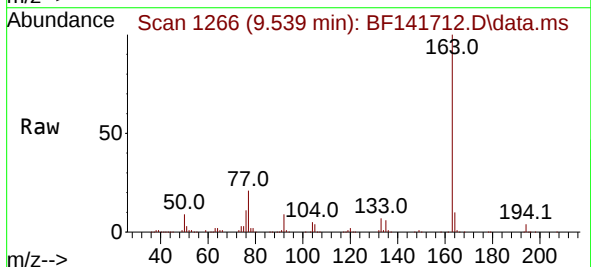
Tgt Ion:163 Resp: 605822

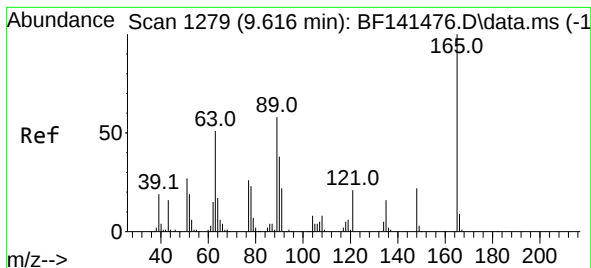
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9

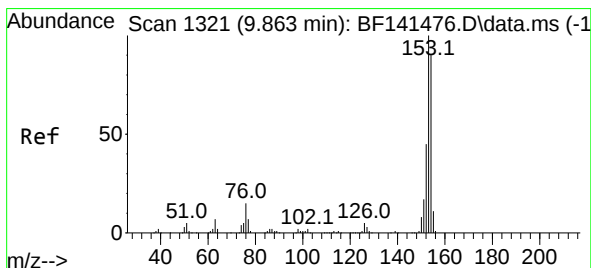
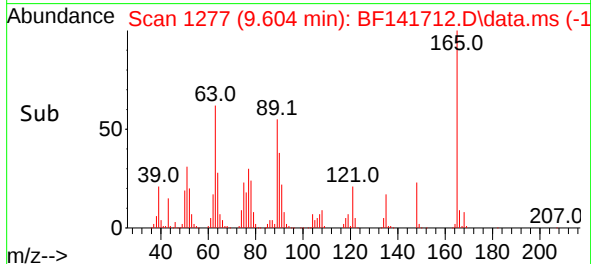
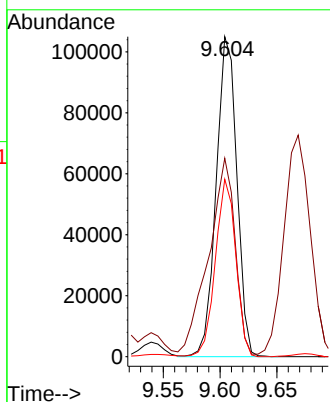
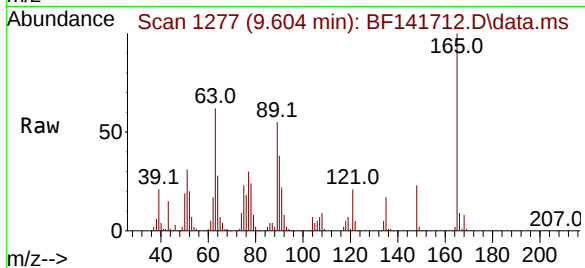




#51
2,6-Dinitrotoluene
Concen: 44.804 ng
RT: 9.604 min Scan# 1318
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

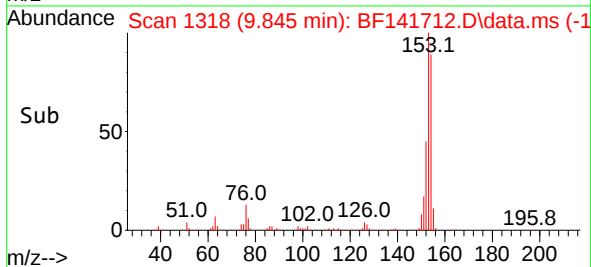
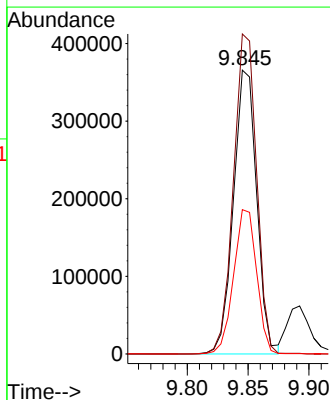
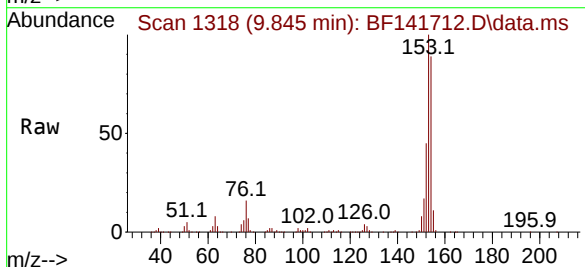
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

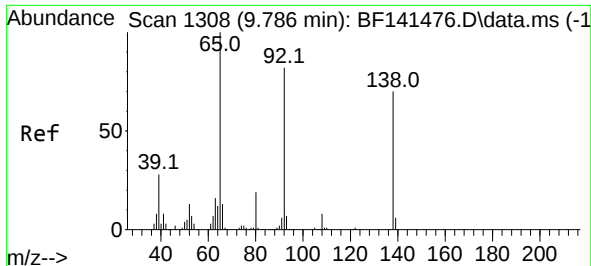
Tgt Ion:165 Resp: 132959
Ion Ratio Lower Upper
165 100
63 62.0 49.4 74.0
89 55.5 46.5 69.7



#52
Acenaphthene
Concen: 42.491 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.023 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:154 Resp: 487089
Ion Ratio Lower Upper
154 100
153 112.7 89.2 133.8
152 50.8 39.8 59.8

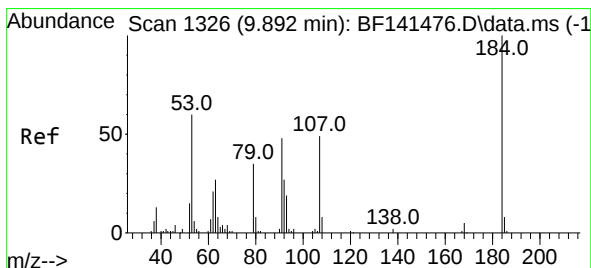
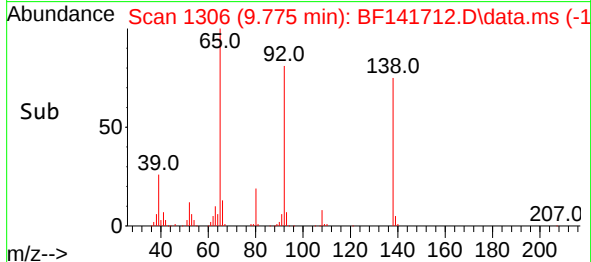
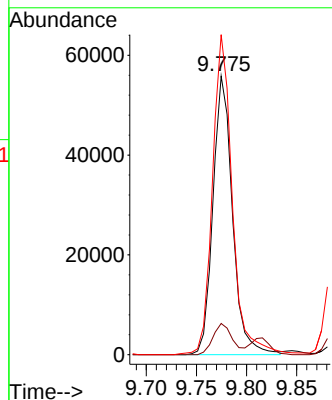
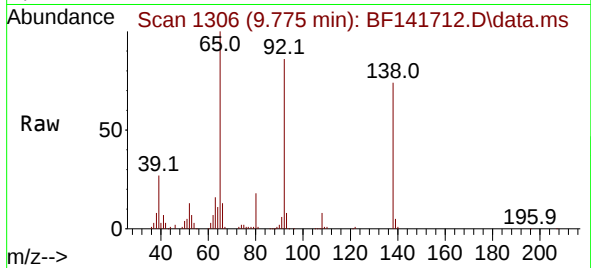




#53
3-Nitroaniline
Concen: 23.720 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

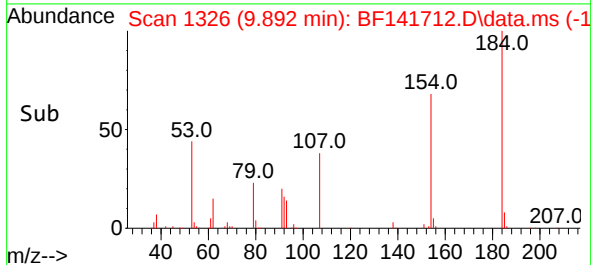
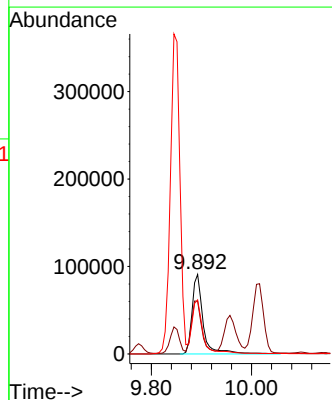
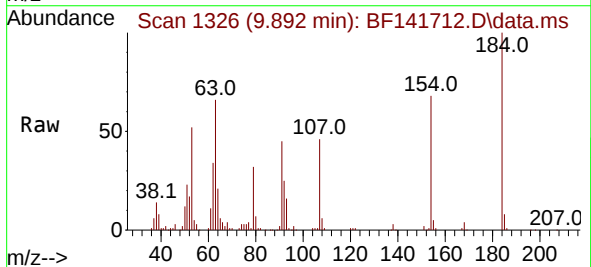
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

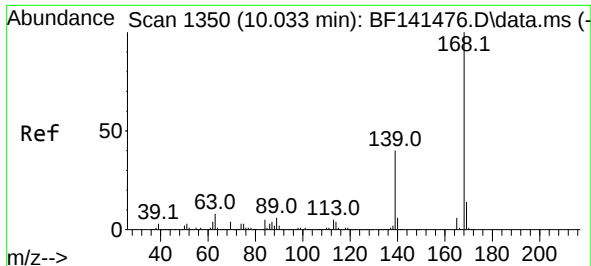
Tgt Ion:138 Resp: 75760
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 114.9 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 79.320 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:184 Resp: 139897
Ion Ratio Lower Upper
184 100
63 66.2 61.0 91.6
154 68.0 59.9 89.9

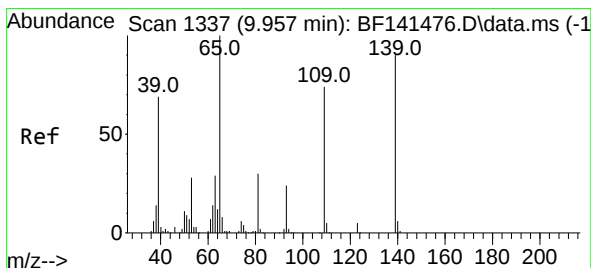
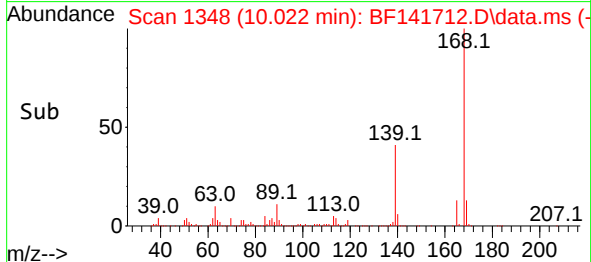
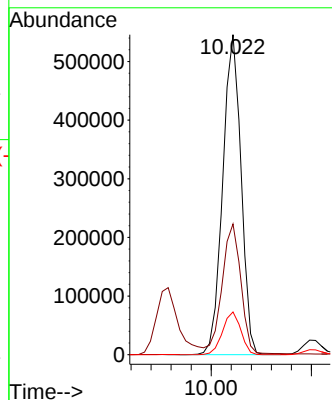
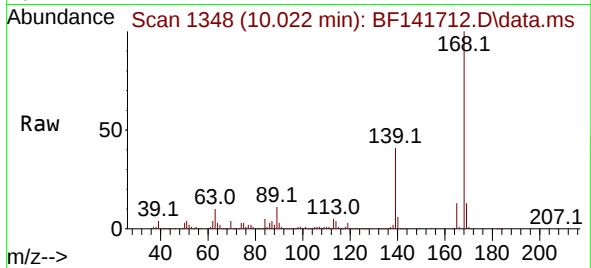




#55
Dibenzenofuran
Concen: 41.068 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

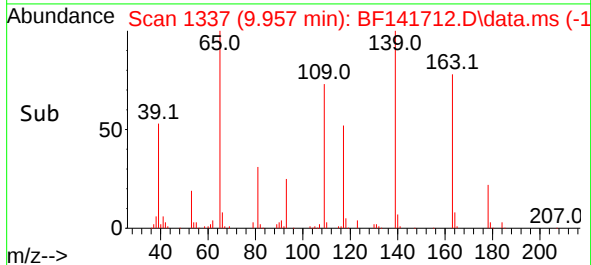
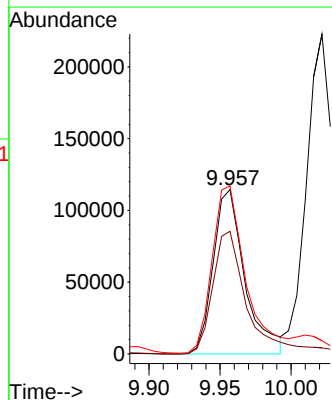
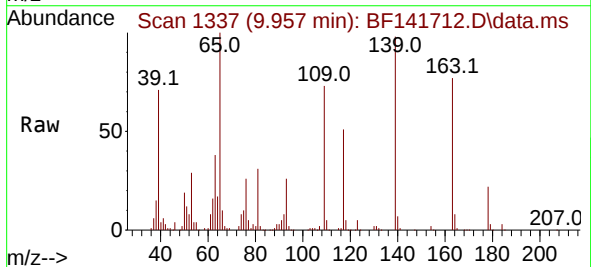
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

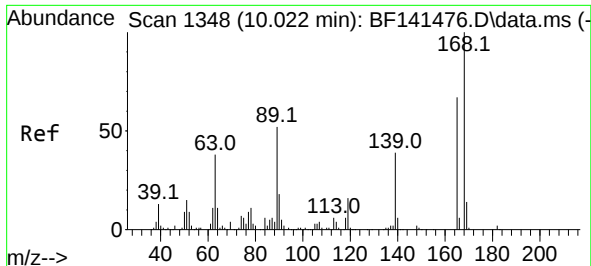
Tgt Ion:168 Resp: 691010
Ion Ratio Lower Upper
168 100
139 40.8 32.7 49.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 74.780 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:139 Resp: 177303
Ion Ratio Lower Upper
139 100
109 74.7 62.0 102.0
65 102.3 91.2 131.2

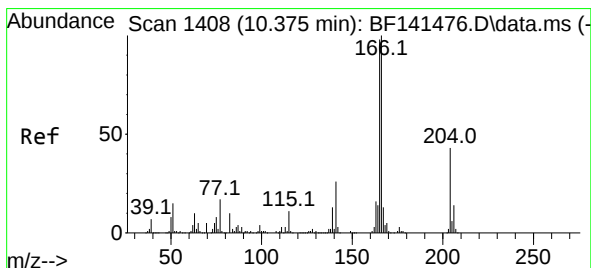
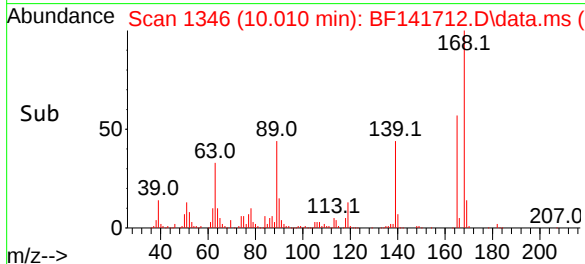
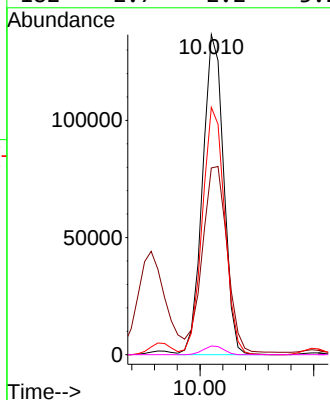
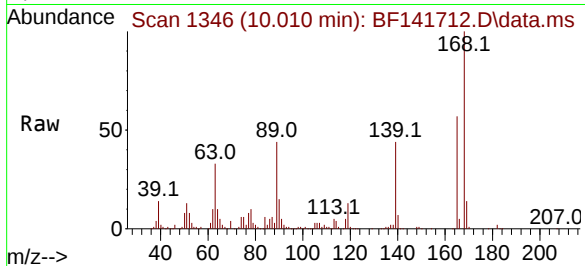




#57
2,4-Dinitrotoluene
Concen: 44.531 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

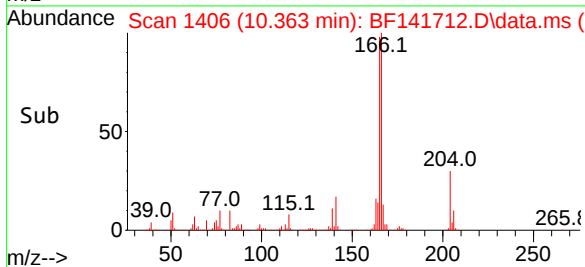
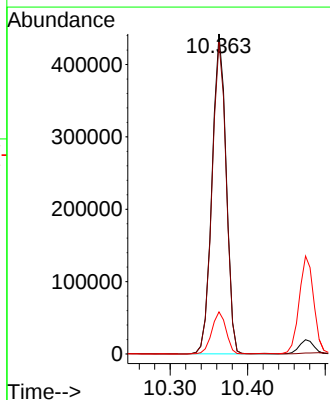
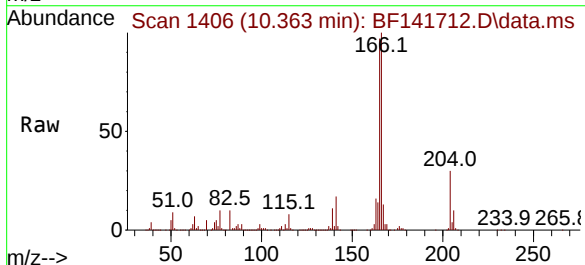
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

Tgt Ion:165 Resp: 175924
Ion Ratio Lower Upper
165 100
63 58.3 46.4 69.6
89 77.3 61.8 92.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 43.027 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:166 Resp: 559779
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.2 10.7 16.1

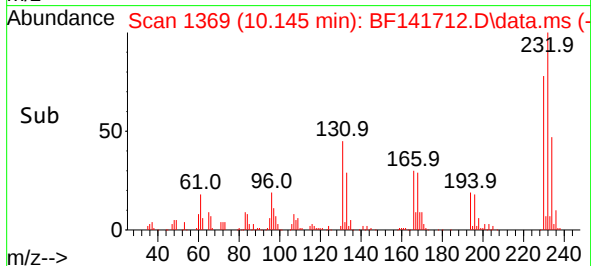
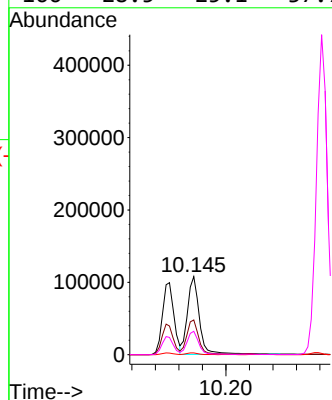
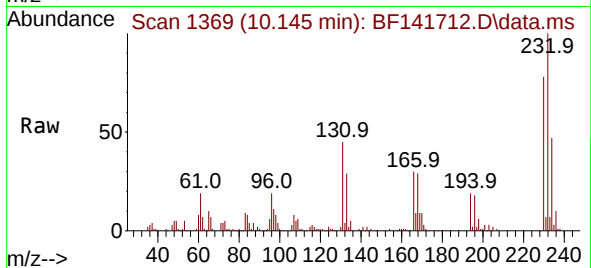




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.208 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

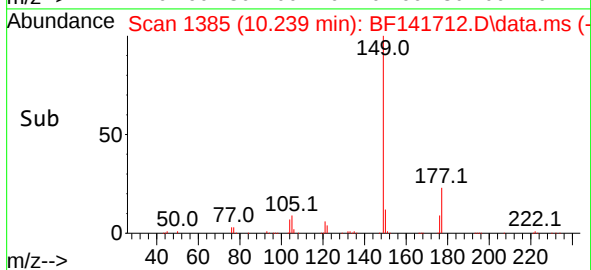
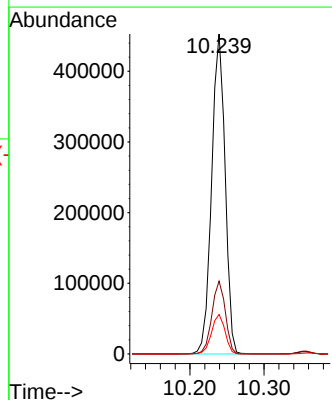
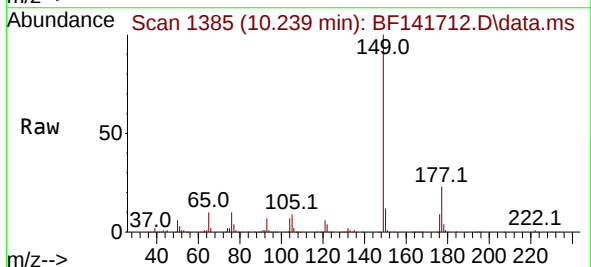
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

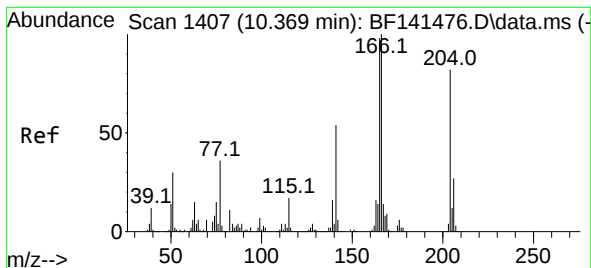
Tgt Ion:232 Resp: 150741
Ion Ratio Lower Upper
232 100
131 44.8 39.2 58.8
130 2.4 2.1 3.1
166 28.5 25.1 37.7



#60
Diethylphthalate
Concen: 42.706 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:149 Resp: 570388
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.3 10.1 15.1

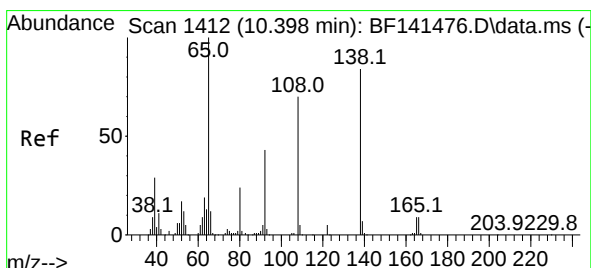
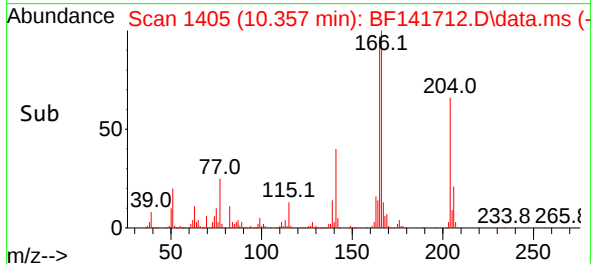
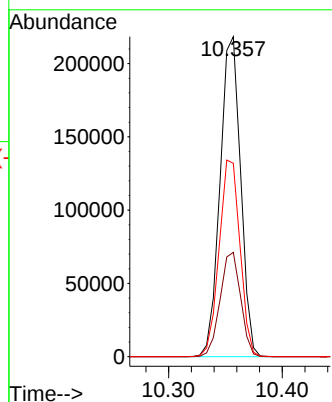
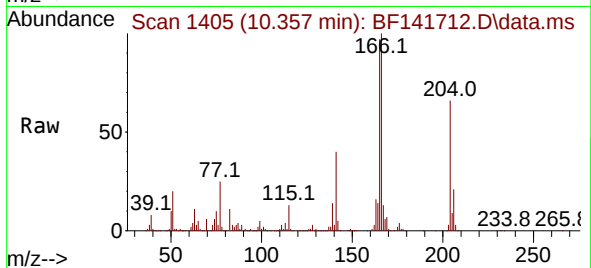




#61
4-Chlorophenyl-phenylether
Concen: 43.940 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

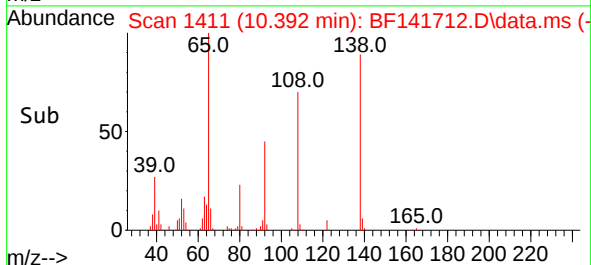
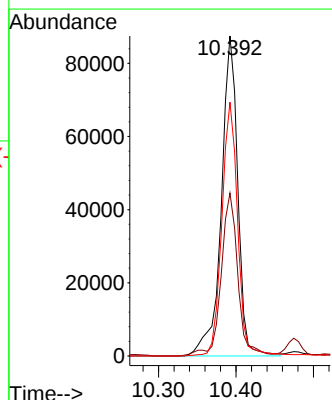
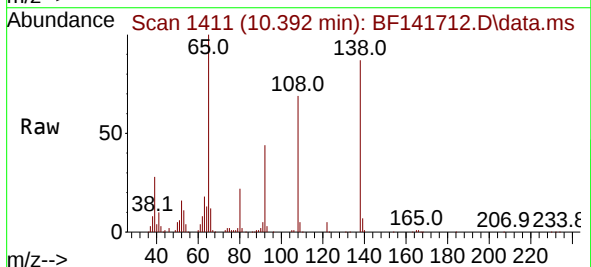
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

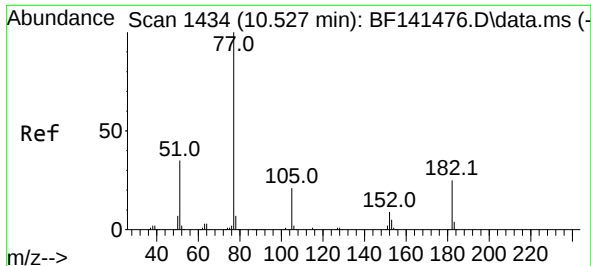
Tgt Ion:204 Resp: 275012
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 60.4 51.9 77.9



#62
4-Nitroaniline
Concen: 40.017 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:138 Resp: 129785
Ion Ratio Lower Upper
138 100
92 50.9 31.3 71.3
108 79.3 63.7 103.7

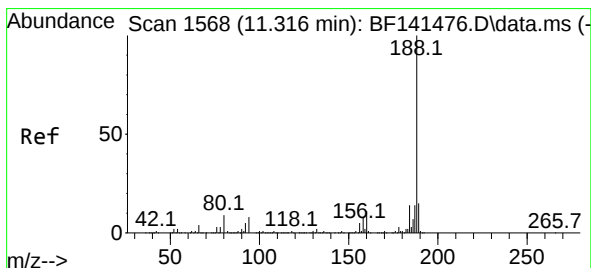
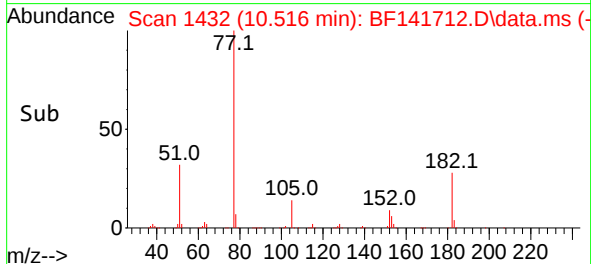
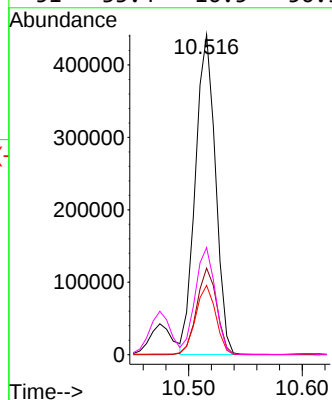
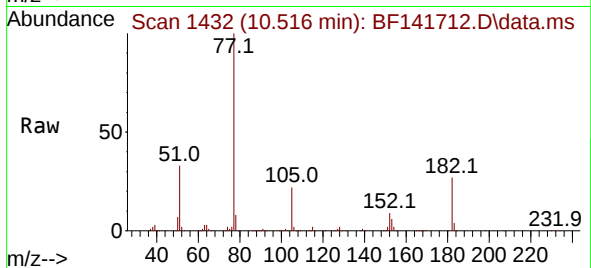




#63
Azobenzene
Concen: 40.797 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

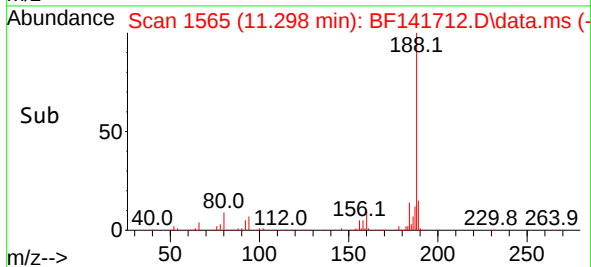
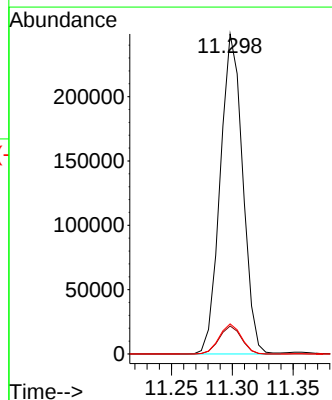
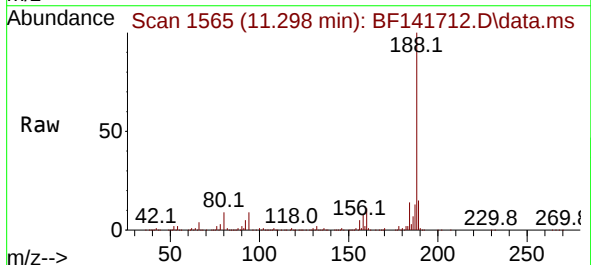
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

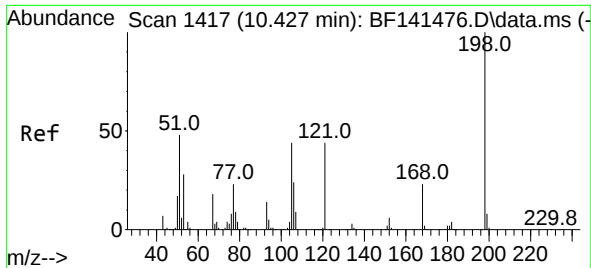
Tgt Ion: 77	Resp: 541693
Ion Ratio	Lower Upper
77 100	
182 27.1	4.7 44.7
105 21.6	0.4 40.4
51 33.4	16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:188	Resp: 319993
Ion Ratio	Lower Upper
188 100	
94 8.8	6.6 10.0
80 9.4	7.3 10.9

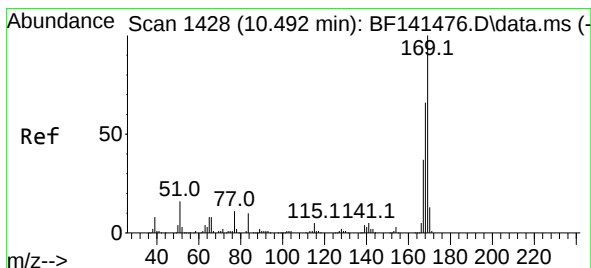
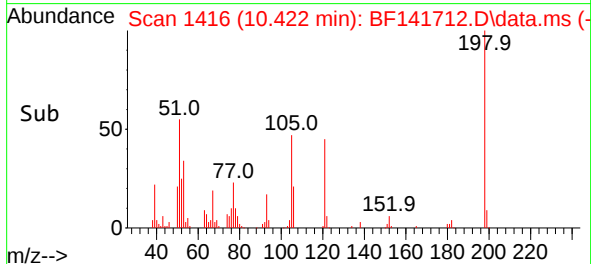
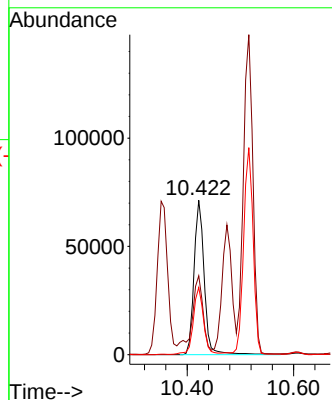
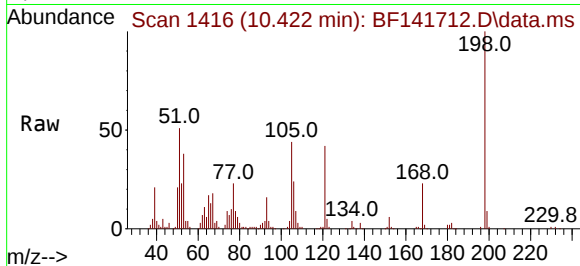




#65
4,6-Dinitro-2-methylphenol
Concen: 42.711 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

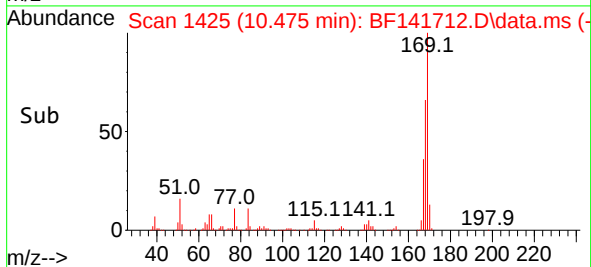
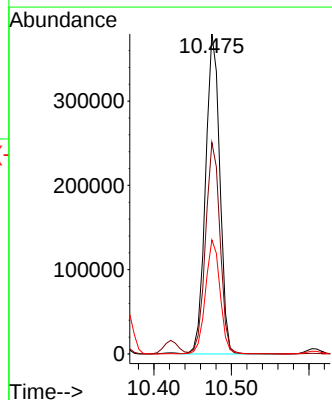
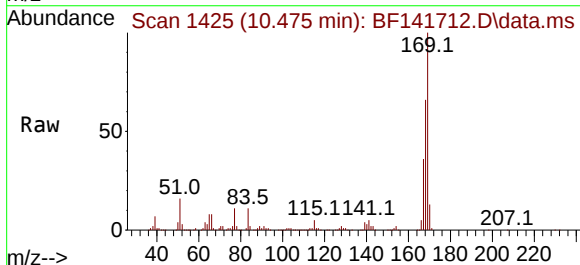
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

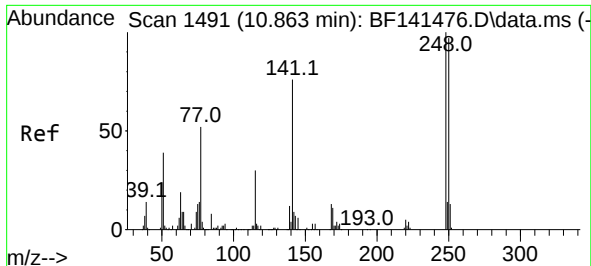
Tgt Ion:198 Resp: 94939
Ion Ratio Lower Upper
198 100
51 51.1 37.4 77.4
105 43.5 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 47.280 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:169 Resp: 484302
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 35.6 29.4 44.2

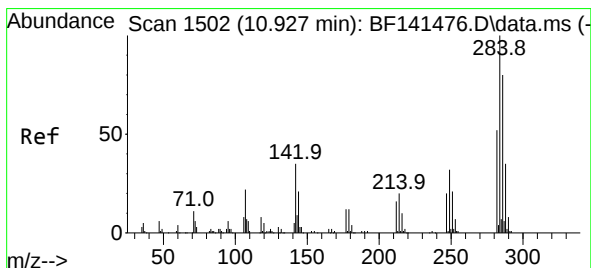
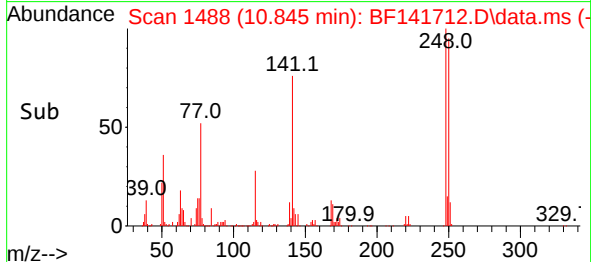
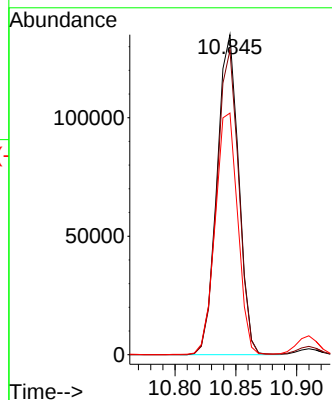
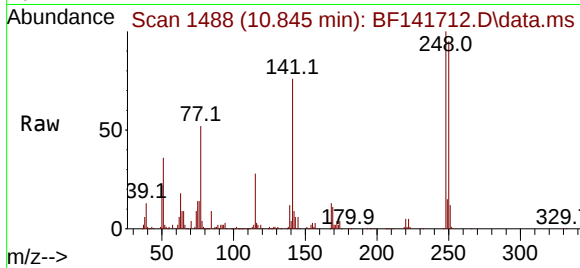




#67
4-Bromophenyl-phenylether
Concen: 46.936 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

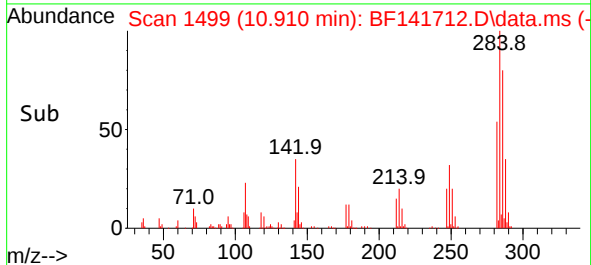
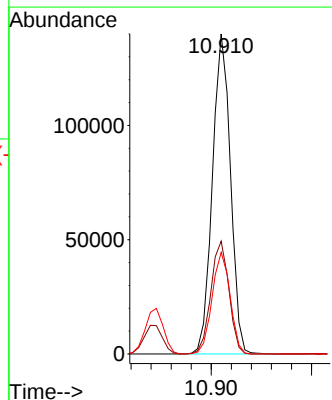
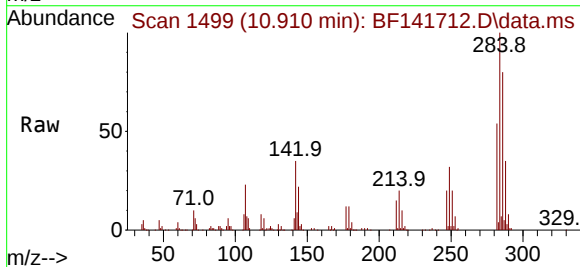
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

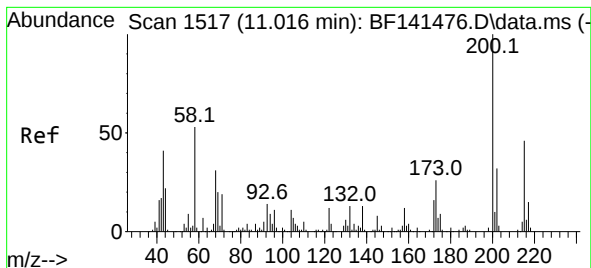
Tgt Ion:248 Resp: 167859
Ion Ratio Lower Upper
248 100
250 95.1 77.8 116.6
141 75.5 60.6 90.8



#68
Hexachlorobenzene
Concen: 47.548 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:284 Resp: 175104
Ion Ratio Lower Upper
284 100
142 35.3 28.0 42.0
249 31.8 25.8 38.8





#69

Atrazine

Concen: 59.434 ng

RT: 11.004 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

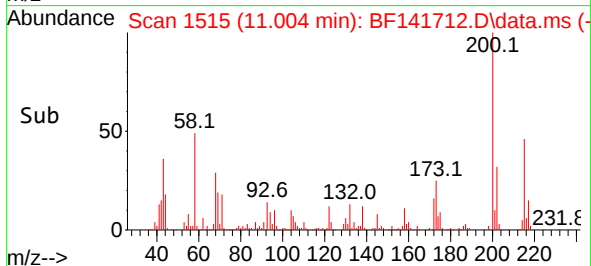
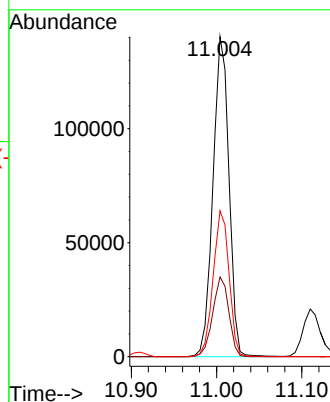
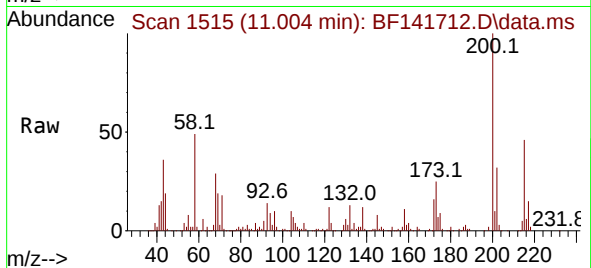
Tgt Ion:200 Resp: 182641

Ion Ratio Lower Upper

200 100

173 24.9 5.9 45.9

215 45.6 25.9 65.9



#70

Pentachlorophenol

Concen: 72.368 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.017 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

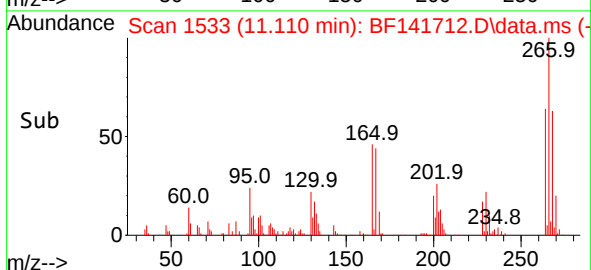
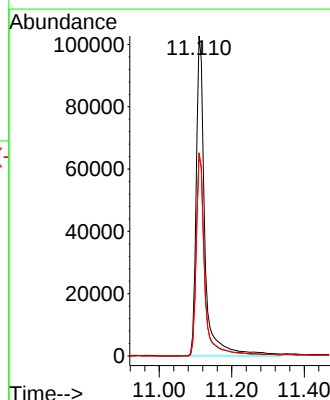
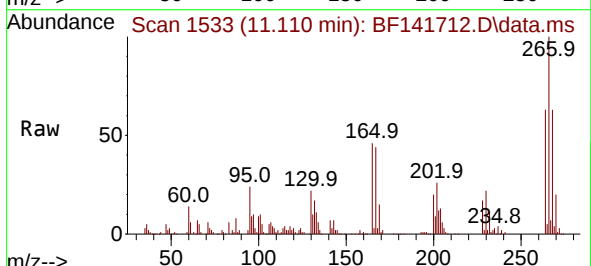
Tgt Ion:266 Resp: 170411

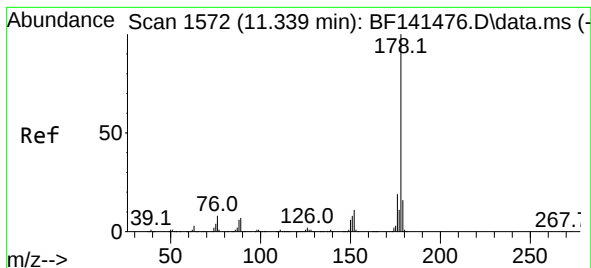
Ion Ratio Lower Upper

266 100

268 63.1 50.1 75.1

264 63.5 50.1 75.1





#71

Phenanthrene

Concen: 45.254 ng

RT: 11.328 min Scan# 1572

Delta R.T. -0.017 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

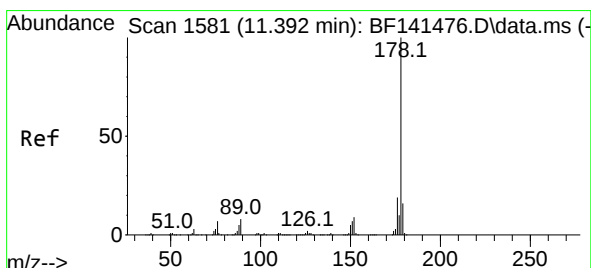
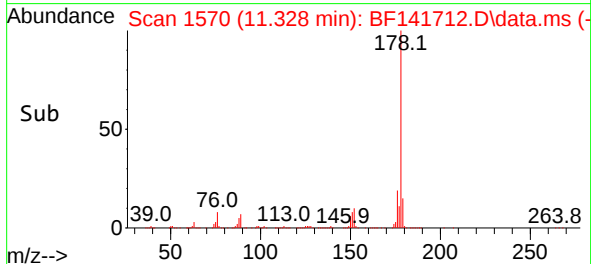
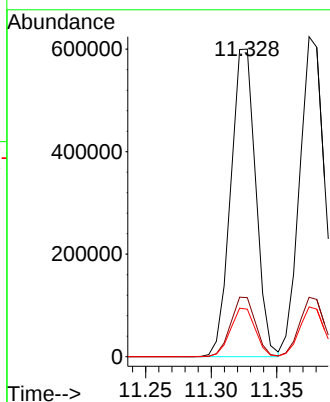
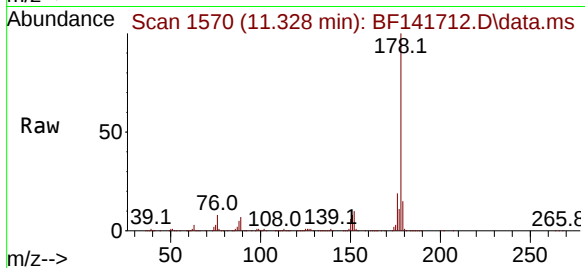
Tgt Ion:178 Resp: 797115

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.4 18.6



#72

Anthracene

Concen: 46.272 ng

RT: 11.375 min Scan# 1578

Delta R.T. -0.023 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

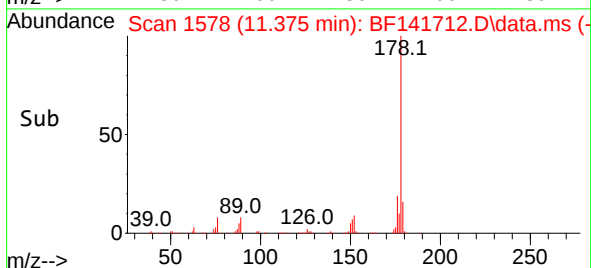
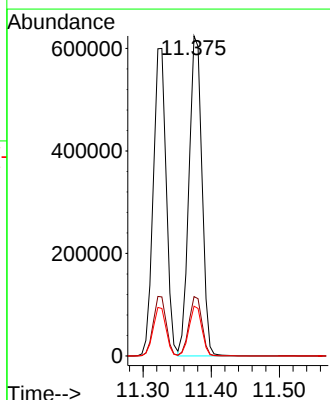
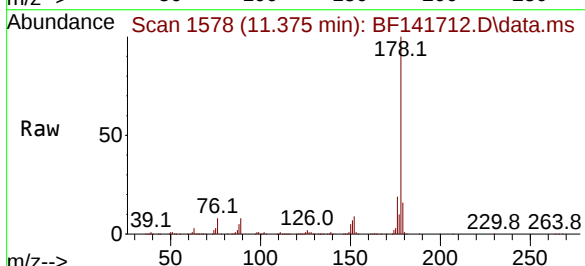
Tgt Ion:178 Resp: 819316

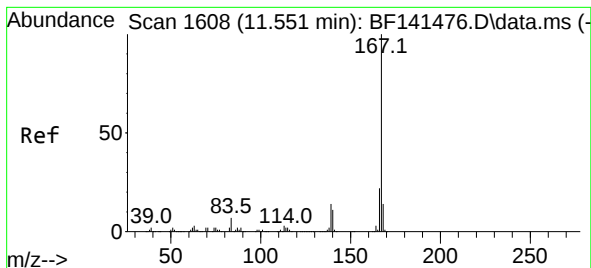
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.6 12.4 18.6





#73

Carbazole

Concen: 43.418 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

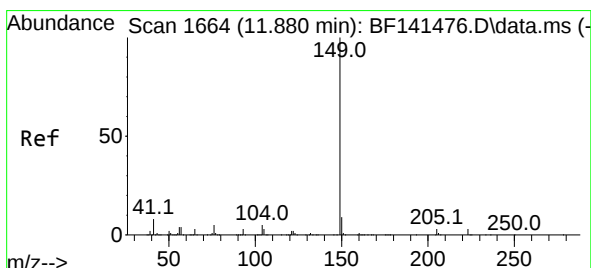
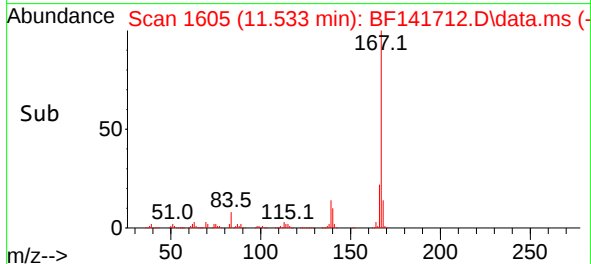
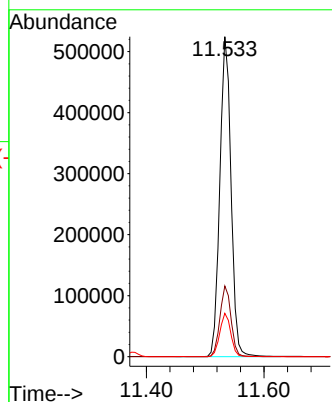
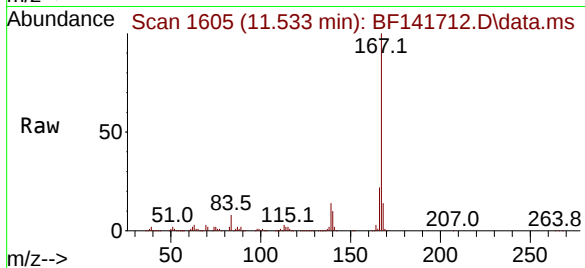
Tgt Ion:167 Resp: 691741

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 13.5 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.776 ng

RT: 11.857 min Scan# 1660

Delta R.T. -0.023 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

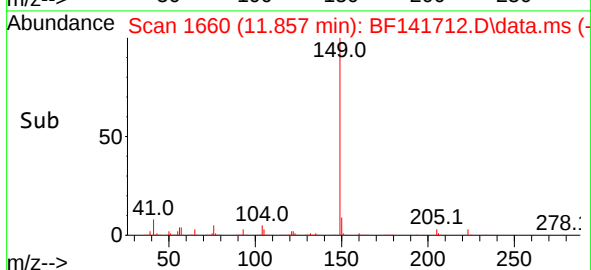
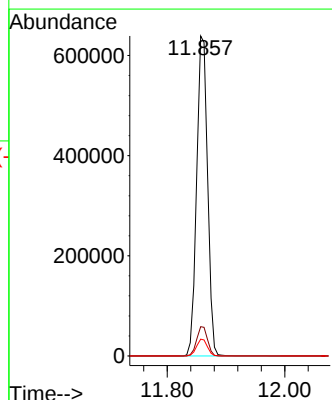
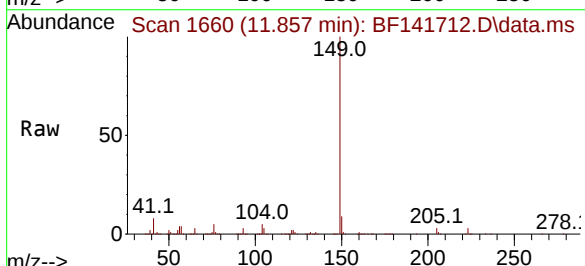
Tgt Ion:149 Resp: 823710

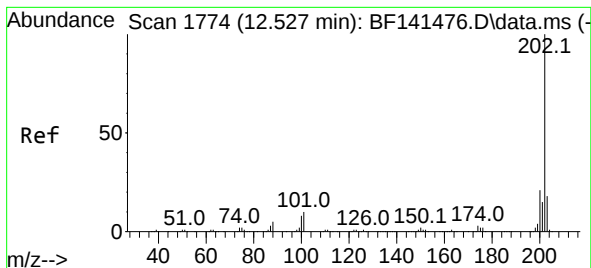
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 41.748 ng

RT: 12.510 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

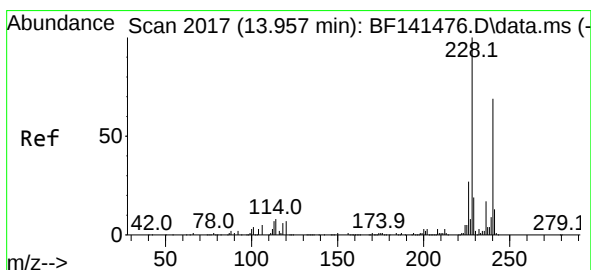
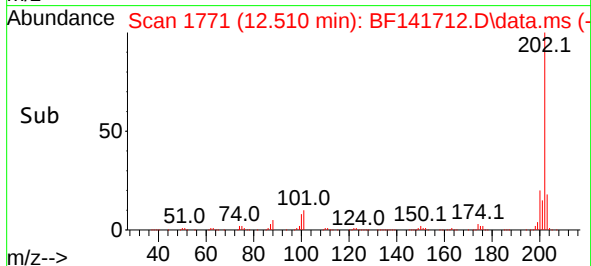
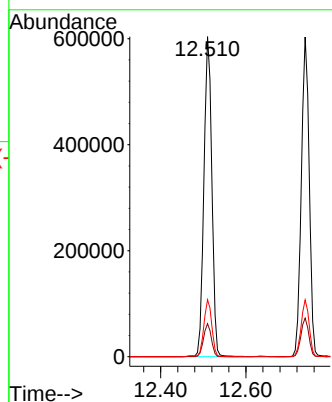
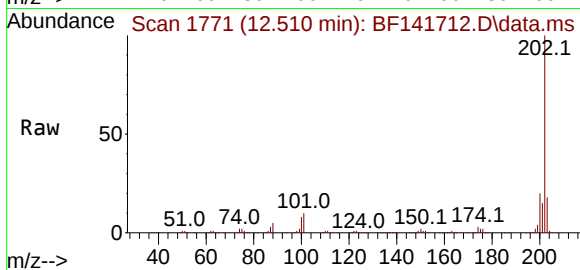
Tgt Ion:202 Resp: 779628

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.2

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

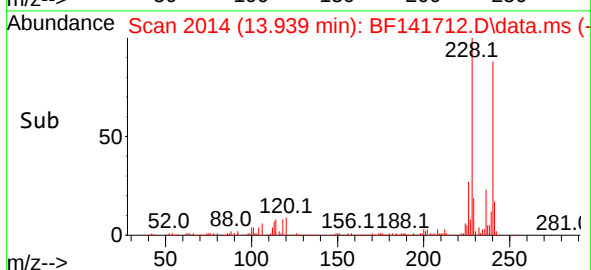
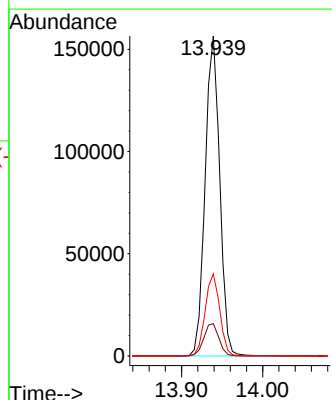
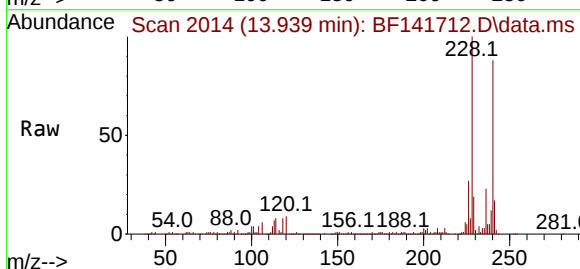
Tgt Ion:240 Resp: 194437

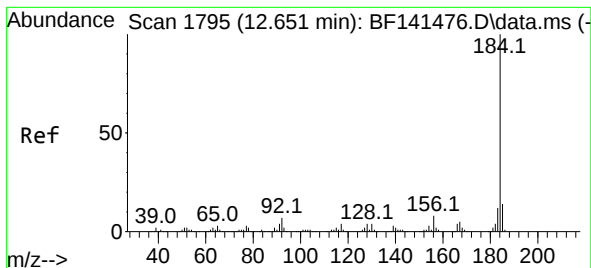
Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

236 25.6 19.8 29.8





#77

Benzidine

Concen: 52.400 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

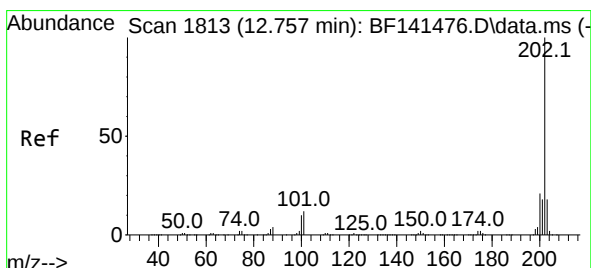
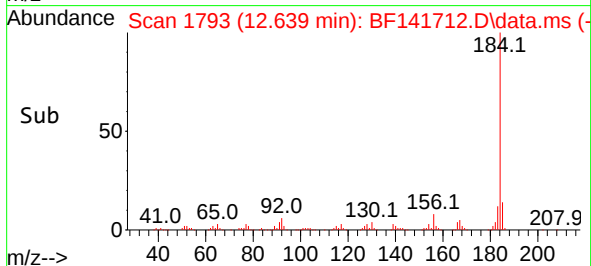
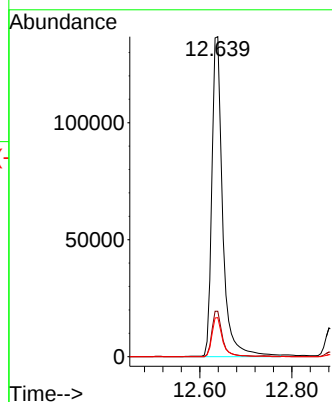
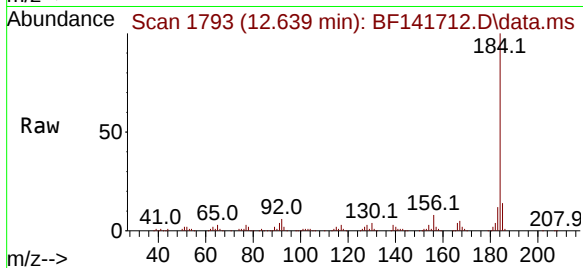
Tgt Ion:184 Resp: 224700

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

183 12.2 9.3 13.9



#78

Pyrene

Concen: 47.108 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.023 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

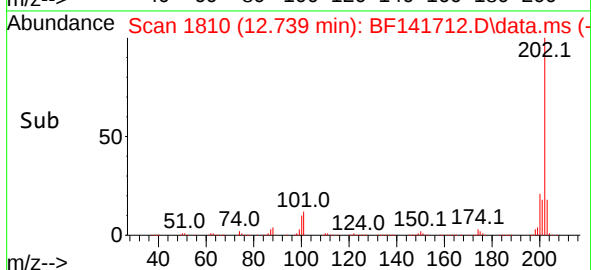
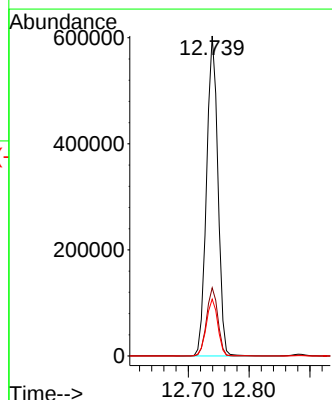
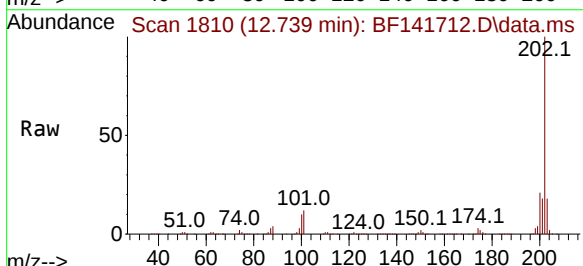
Tgt Ion:202 Resp: 779719

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 104.377 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

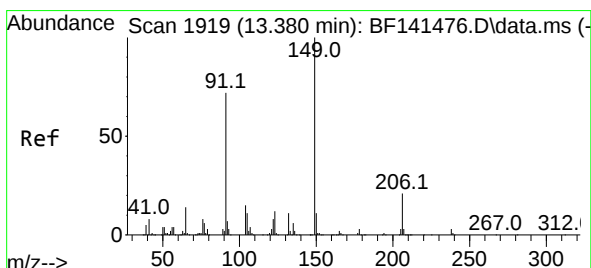
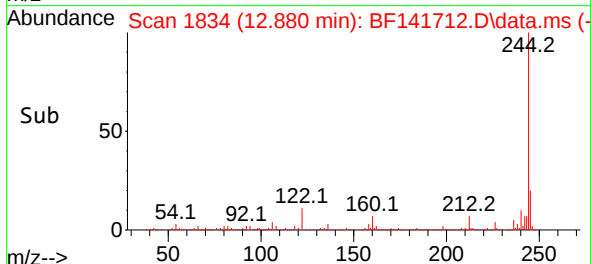
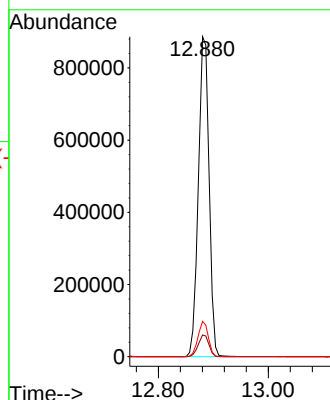
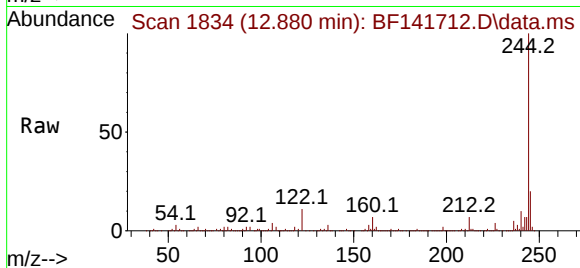
Tgt Ion:244 Resp: 1202171

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 11.0 8.4 12.6



#80

Butylbenzylphthalate

Concen: 49.104 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

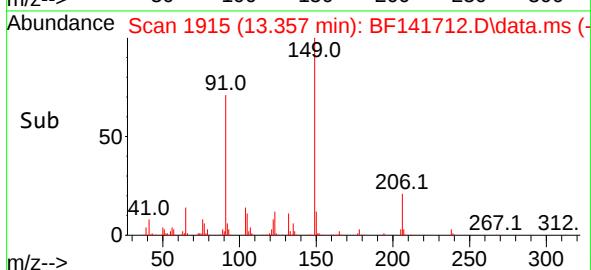
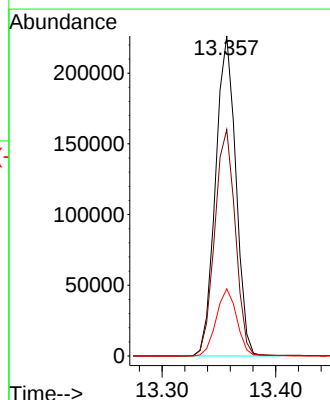
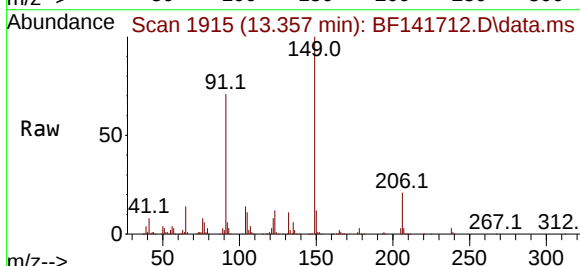
Tgt Ion:149 Resp: 281517

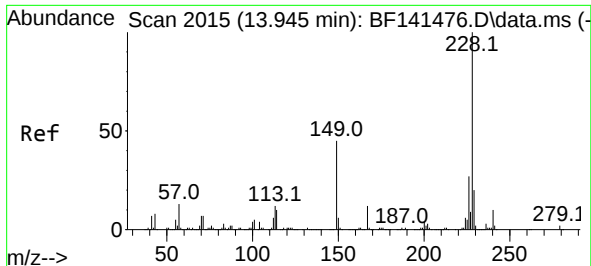
Ion Ratio Lower Upper

149 100

91 70.7 57.8 86.8

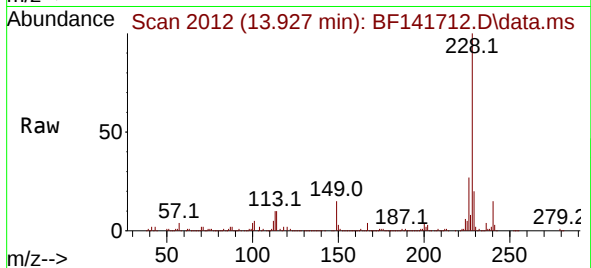
206 21.0 16.7 25.1



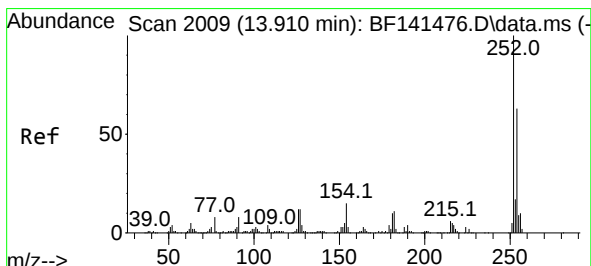
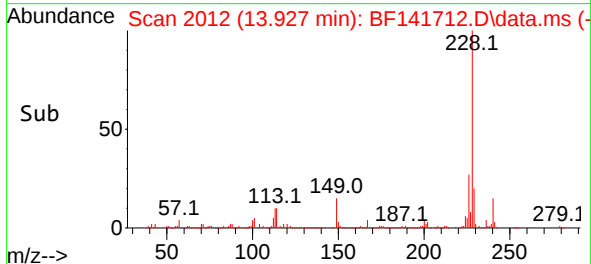
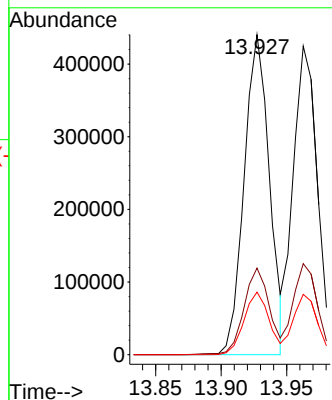


#81
Benzo(a)anthracene
Concen: 45.711 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Instrument :
BNA_F
ClientSampleId :
PB166801BSD

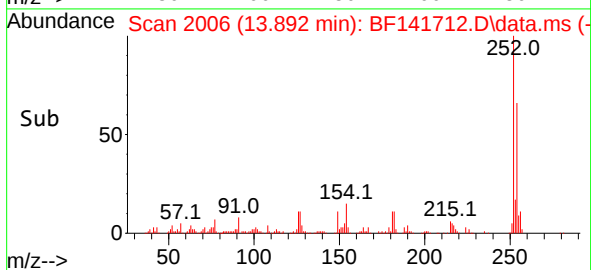
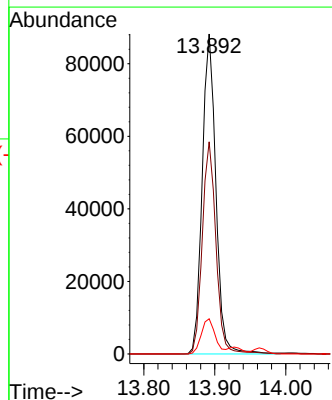
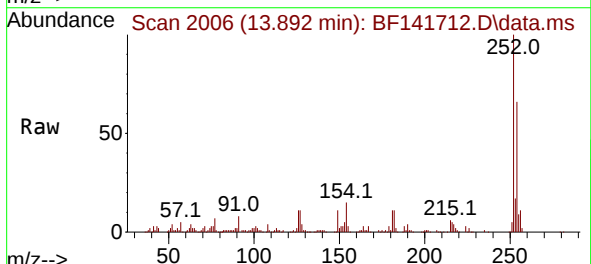


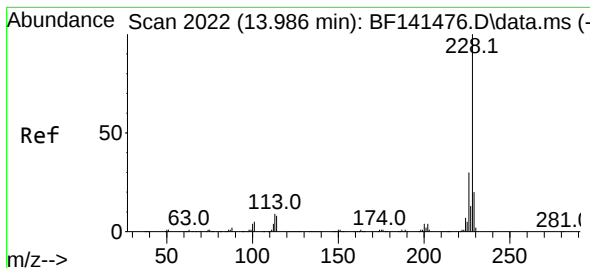
Tgt Ion:228 Resp: 590808
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 31.969 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:252 Resp: 118363
Ion Ratio Lower Upper
252 100
254 66.3 50.6 76.0
126 11.0 9.3 13.9





#83

Chrysene

Concen: 45.522 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

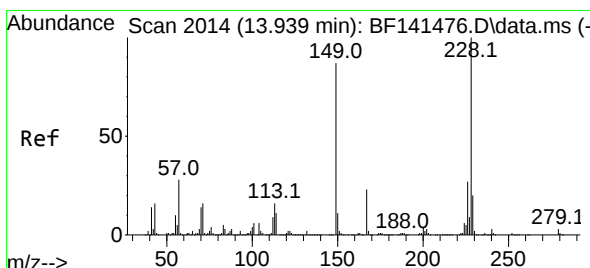
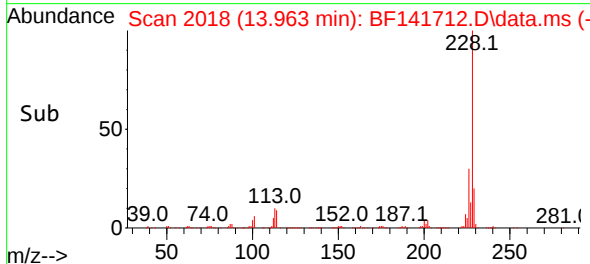
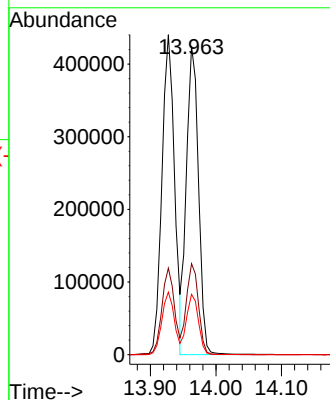
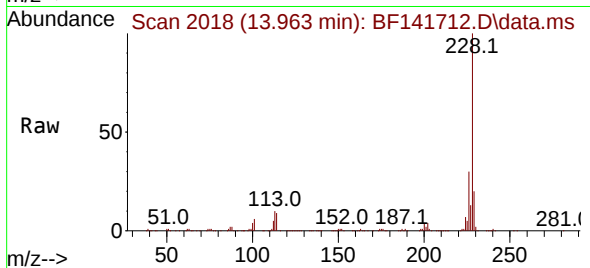
Tgt Ion:228 Resp: 543262

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.244 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

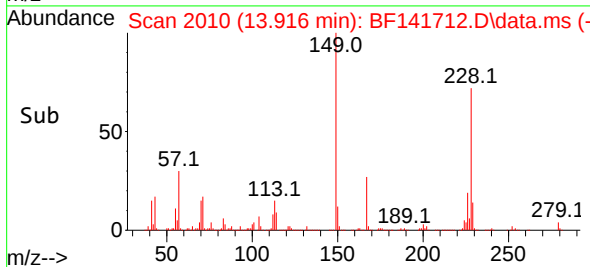
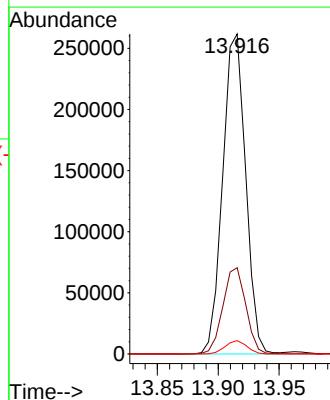
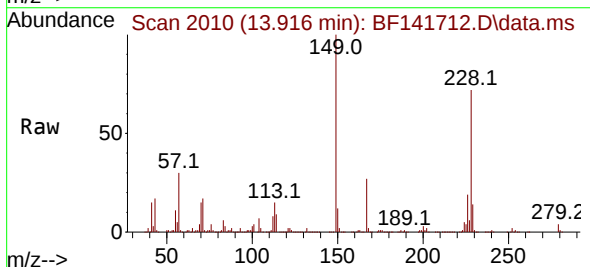
Tgt Ion:149 Resp: 344277

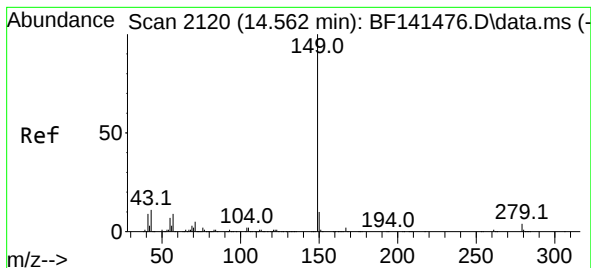
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.779 ng

RT: 14.521 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

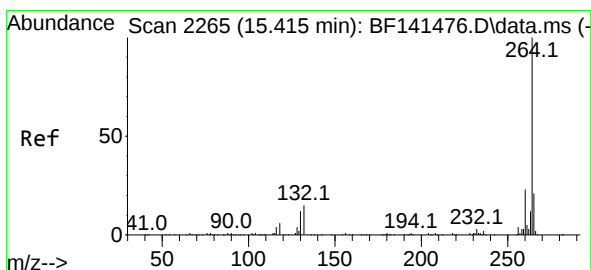
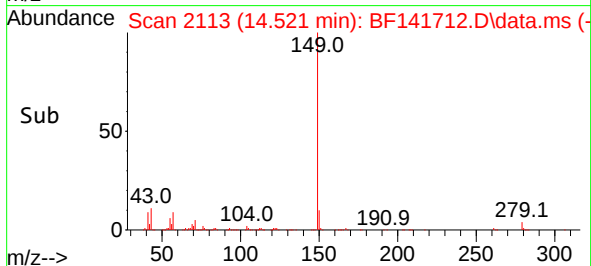
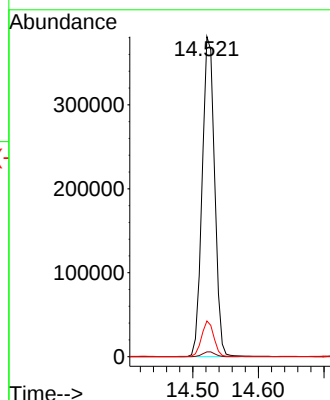
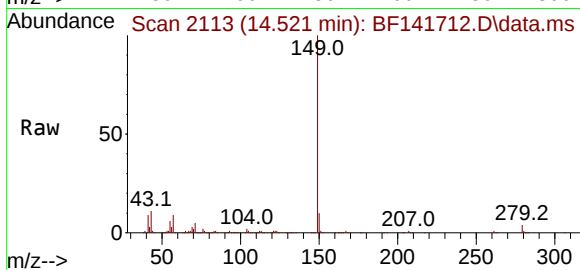
Tgt Ion:149 Resp: 505302

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.9 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

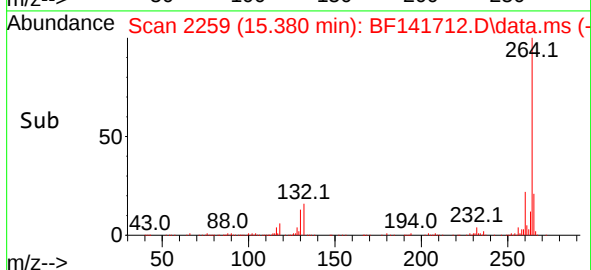
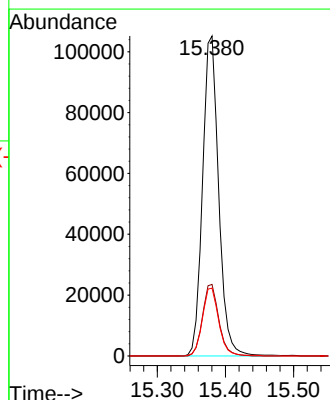
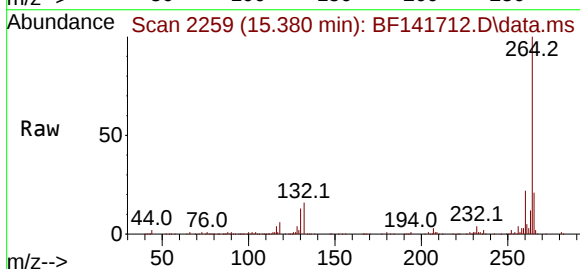
Tgt Ion:264 Resp: 172676

Ion Ratio Lower Upper

264 100

260 22.4 18.6 28.0

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.914 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.059 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

Instrument :

BNA_F

ClientSampleId :

PB166801BSD

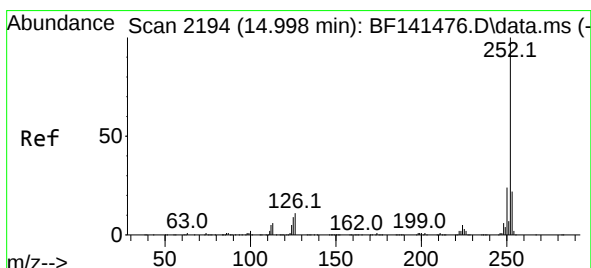
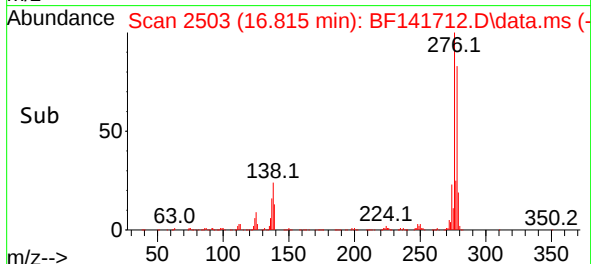
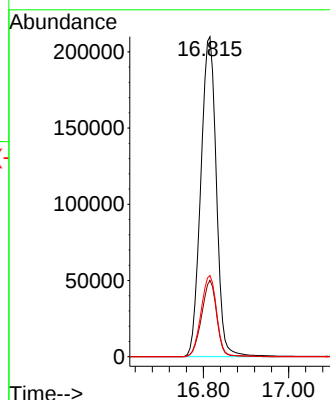
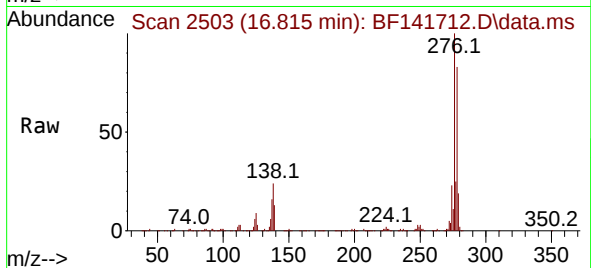
Tgt Ion:276 Resp: 532554

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 41.016 ng

RT: 14.963 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF141712.D

Acq: 21 Feb 2025 11:14

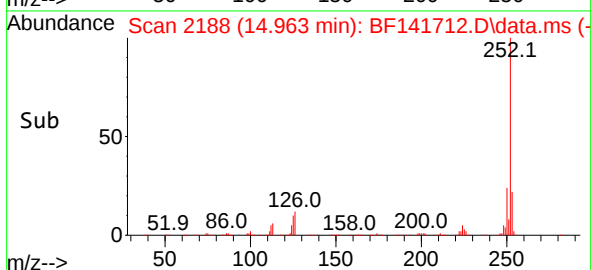
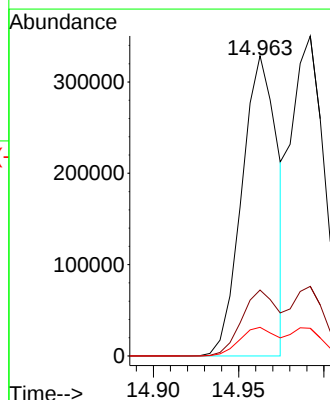
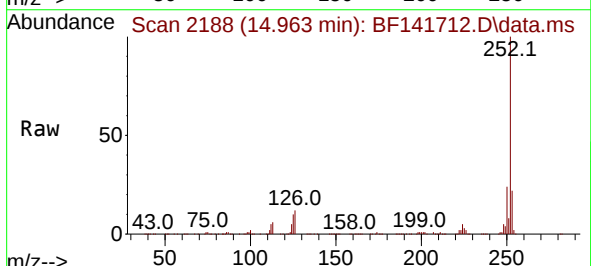
Tgt Ion:252 Resp: 475554

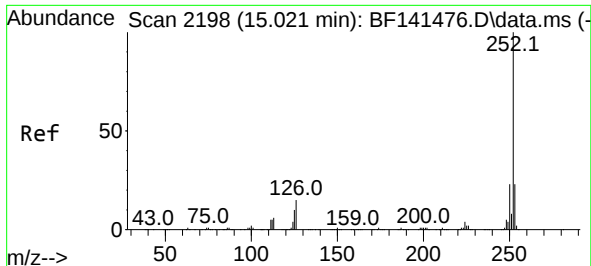
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 7.0 10.6

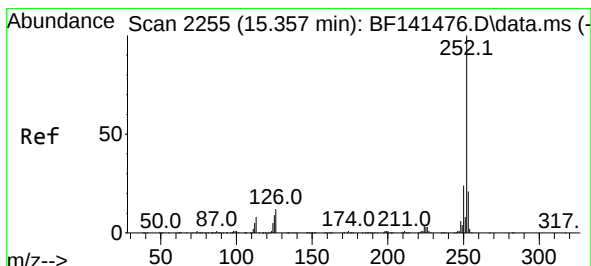
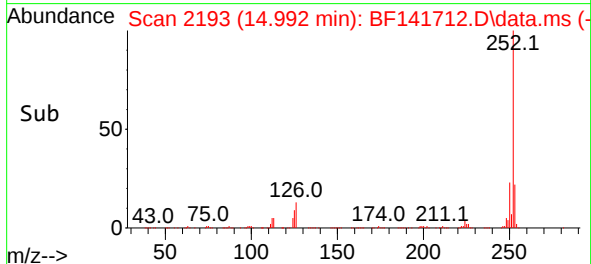
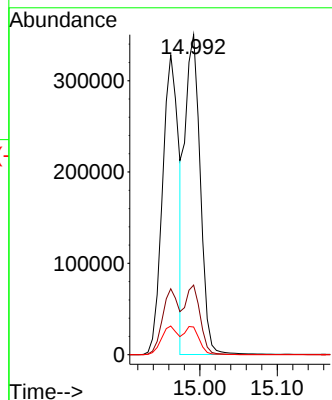
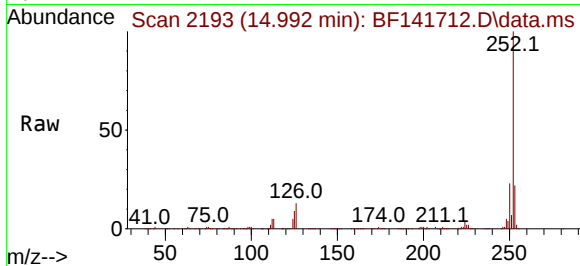




#89
Benzo(k)fluoranthene
Concen: 48.183 ng
RT: 14.992 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

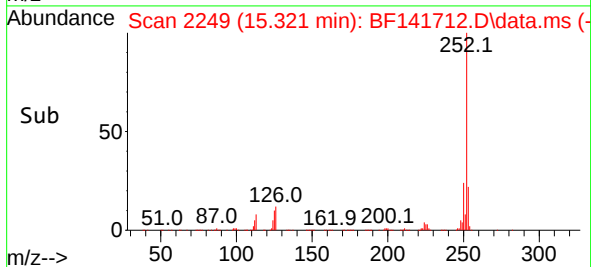
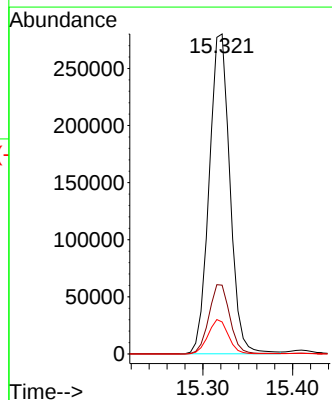
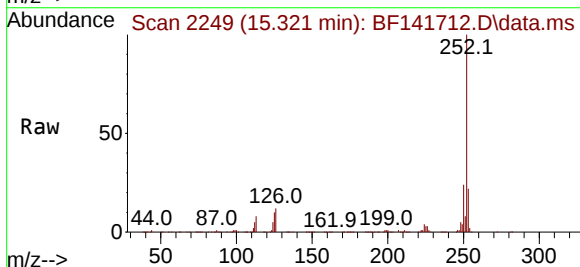
Instrument :
BNA_F
ClientSampleId :
PB166801BSD

Tgt Ion:252 Resp: 477036
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 8.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.927 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:252 Resp: 449645
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.0 7.4 11.2

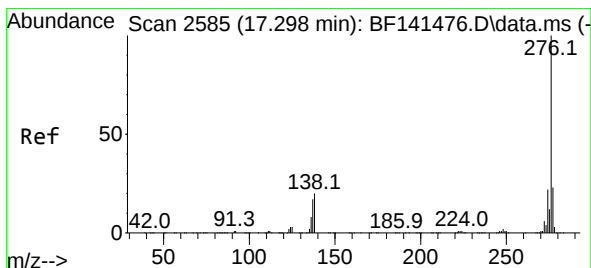
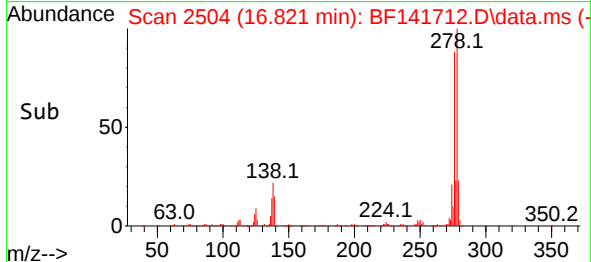
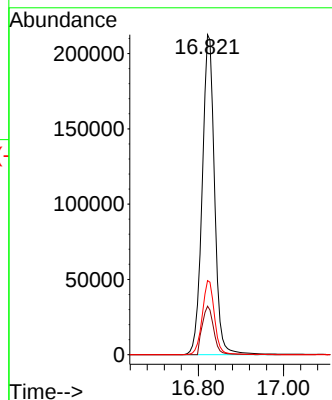
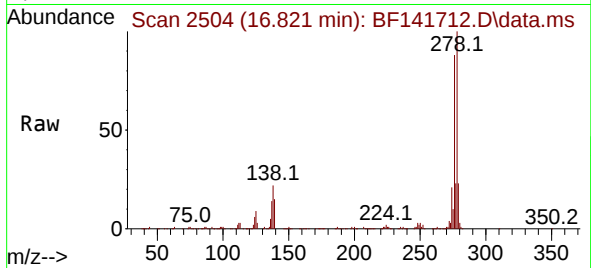




#91
Dibenzo(a,h)anthracene
Concen: 49.393 ng
RT: 16.821 min Scan# 21
Delta R.T. -0.070 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Instrument :
BNA_F
ClientSampleId :
PB166801BSD

Tgt Ion:278 Resp: 427019
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.6
279 23.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 46.272 ng
RT: 17.239 min Scan# 2575
Delta R.T. -0.076 min
Lab File: BF141712.D
Acq: 21 Feb 2025 11:14

Tgt Ion:276 Resp: 418620
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 19.8 15.9 23.9

