

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141198.D
 Acq On : 17 Jan 2025 17:41
 Operator : RC/JU
 Sample : Q1115-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 366MS

Quant Time: Jan 17 17:59:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	202186	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	804021	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	425124	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	665752	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	383734	20.000	ng	-0.02
86) Perylene-d12	15.427	264	396719	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1560693	119.245	ng	0.02
7) Phenol-d6	6.445	99	1882502	113.548	ng	0.00
23) Nitrobenzene-d5	7.375	82	1318217	86.909	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	655122	135.244	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2394346	86.005	ng	-0.01
79) Terphenyl-d14	12.916	244	1966468	76.167	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	206669	35.459	ng	# 83
3) Pyridine	3.451	79	323917	22.663	ng	96
4) n-Nitrosodimethylamine	3.381	42	279379	39.977	ng	99
6) Aniline	6.475	93	105204	7.147	ng	# 1
8) 2-Chlorophenol	6.598	128	623283	44.387	ng	97
9) Benzaldehyde	6.363	77	56209	5.757	ng	96
10) Phenol	6.463	94	670648	37.789	ng	99
11) bis(2-Chloroethyl)ether	6.551	93	568407	42.977	ng	98
12) 1,3-Dichlorobenzene	6.751	146	608084	38.827	ng	99
13) 1,4-Dichlorobenzene	6.828	146	618753	39.207	ng	100
14) 1,2-Dichlorobenzene	6.981	146	594981	40.416	ng	98
15) Benzyl Alcohol	6.957	79	447769	37.399	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	777137	42.107	ng	93
17) 2-Methylphenol	7.069	107	500201	44.122	ng	98
18) Hexachloroethane	7.322	117	226423	39.673	ng	98
19) n-Nitroso-di-n-propyla...	7.234	70	432809	44.318	ng	97
20) 3+4-Methylphenols	7.222	107	602909	42.154	ng	# 81
22) Acetophenone	7.222	105	817118	42.751	ng	# 93
24) Nitrobenzene	7.398	77	639767	40.471	ng	99
25) Isophorone	7.634	82	1166722	45.011	ng	99
26) 2-Nitrophenol	7.710	139	323201	44.946	ng	97
27) 2,4-Dimethylphenol	7.745	122	506823	52.253	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	687264	42.247	ng	100
29) 2,4-Dichlorophenol	7.951	162	515110	44.716	ng	100
30) 1,2,4-Trichlorobenzene	8.034	180	527294	40.045	ng	100
31) Naphthalene	8.116	128	1750532	41.285	ng	100
32) Benzoic acid	7.869	122	360965	38.795	ng	97
33) 4-Chloroaniline	8.169	127	41765	2.848	ng	99
34) Hexachlorobutadiene	8.233	225	324411	40.888	ng	100
35) Caprolactam	8.533	113	130670m	34.647	ng	
36) 4-Chloro-3-methylphenol	8.645	107	559032	44.373	ng	98
37) 2-Methylnaphthalene	8.804	142	1163743	43.071	ng	100
38) 1-Methylnaphthalene	8.904	142	1089712	40.923	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	538317	44.118	ng	99
41) Hexachlorocyclopentadiene	8.957	237	546040	136.782	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	380805	46.274	ng	98

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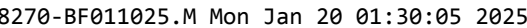
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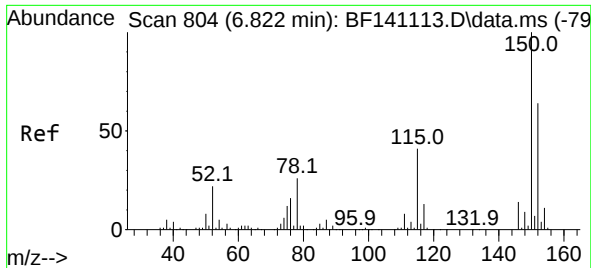
Quant Time: Jan 17 17:59:29 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	380488	43.778	ng	100
46) 1,1'-Biphenyl	9.269	154	1437014	43.526	ng	99
47) 2-Chloronaphthalene	9.292	162	1096637	42.646	ng	99
48) 2-Nitroaniline	9.386	65	308780	40.508	ng	97
49) Acenaphthylene	9.710	152	1658150	45.134	ng	99
50) Dimethylphthalate	9.575	163	1325573	46.446	ng	100
51) 2,6-Dinitrotoluene	9.633	165	284302	42.836	ng	97
52) Acenaphthene	9.880	154	1226462	47.783	ng	100
53) 3-Nitroaniline	9.798	138	19311	2.863	ng	97
54) 2,4-Dinitrophenol	9.904	184	278830	88.387	ng	96
55) Dibenzofuran	10.051	168	1531716	43.873	ng	99
56) 4-Nitrophenol	9.963	139	385775	73.035	ng	98
57) 2,4-Dinitrotoluene	10.033	165	385532	45.075	ng	96
58) Fluorene	10.398	166	1169900	43.132	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	328753	45.506	ng	100
60) Diethylphthalate	10.275	149	1247979	44.791	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	585702	44.305	ng	98
62) 4-Nitroaniline	10.410	138	162748	24.654	ng	100
63) Azobenzene	10.545	77	1132685	41.200	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	194665	50.460	ng	99
66) n-Nitrosodiphenylamine	10.504	169	582999	27.150	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	380033	49.582	ng	97
68) Hexachlorobenzene	10.939	284	406965	47.697	ng	98
69) Atrazine	11.033	200	137302	23.747	ng	100
70) Pentachlorophenol	11.133	266	477165	87.327	ng	100
71) Phenanthrene	11.357	178	1637904	45.826	ng	100
72) Anthracene	11.410	178	1659681	47.755	ng	99
73) Carbazole	11.563	167	990883	31.094	ng	100
74) Di-n-butylphthalate	11.898	149	1800436	49.369	ng	100
75) Fluoranthene	12.545	202	1409807	39.527	ng	99
77) Benzidine	12.674	184	5778	0.812	ng	# 57
78) Pyrene	12.774	202	1388824	37.893	ng	100
80) Butylbenzylphthalate	13.392	149	559463	45.783	ng	99
81) Benzo(a)anthracene	13.963	228	1157165	44.310	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	8916	1.072	ng	99
83) Chrysene	13.998	228	1072381	43.885	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	720644	49.150	ng	99
85) Di-n-octyl phthalate	14.574	149	1216275	54.934	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	951563	32.739	ng	99
88) Benzo(b)fluoranthene	15.004	252	1251516	48.922	ng	100
89) Benzo(k)fluoranthene	15.039	252	1093678	50.589	ng	99
90) Benzo(a)pyrene	15.368	252	1081557	51.243	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	798872	33.983	ng	98
92) Benzo(g,h,i)perylene	17.304	276	652701	26.694	ng	98

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

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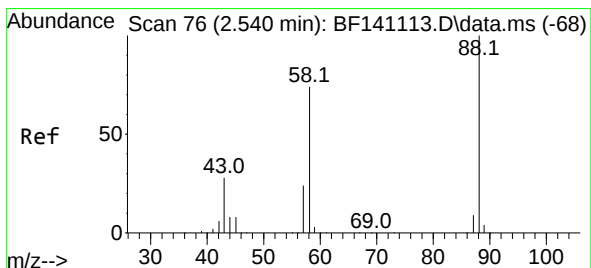
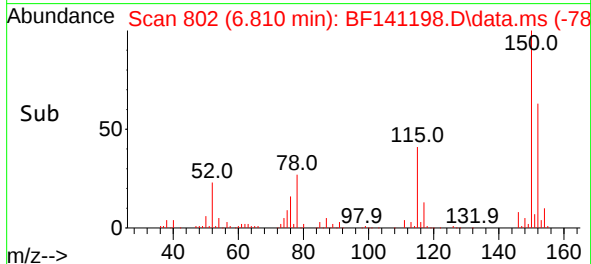
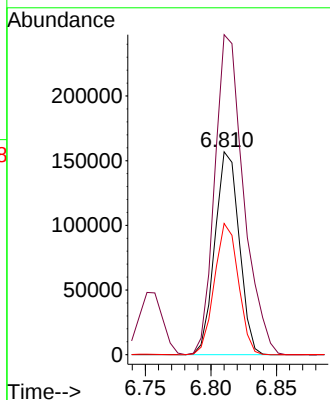
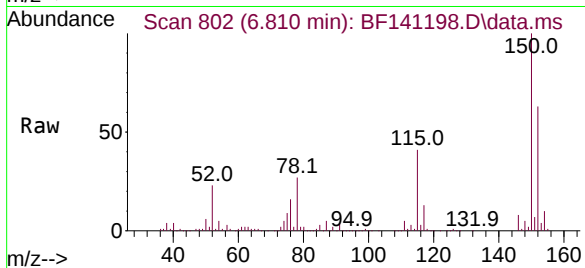




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF141198.D
 Acq: 17 Jan 2025 17:41

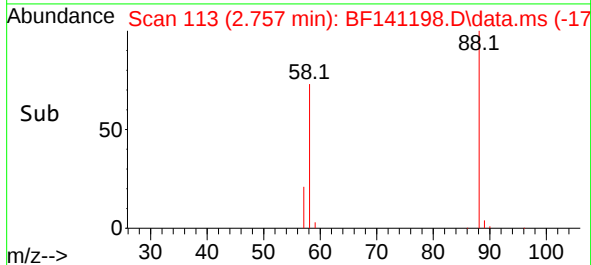
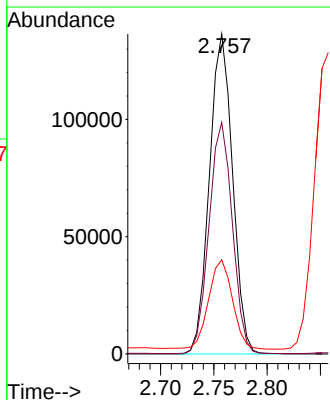
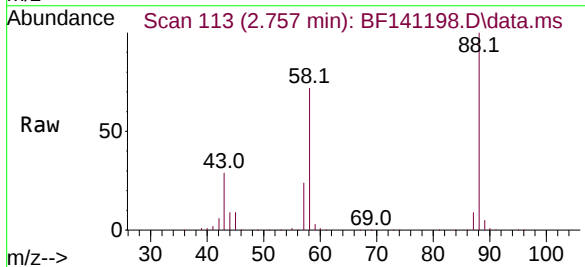
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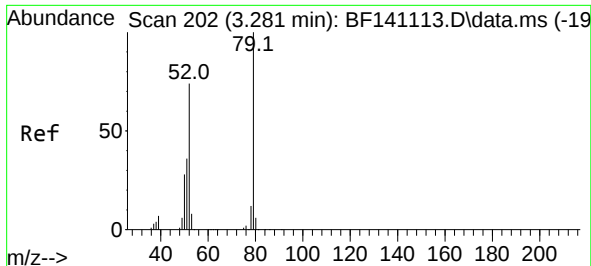
Tgt Ion:152 Resp: 202186
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.8 188.8
 115 64.7 51.4 77.2



#2
 1,4-Dioxane
 Concen: 35.459 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.218 min
 Lab File: BF141198.D
 Acq: 17 Jan 2025 17:41

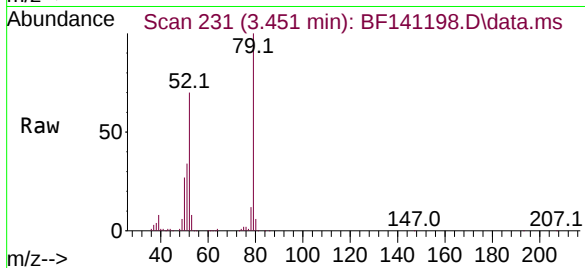
Tgt Ion: 88 Resp: 206669
 Ion Ratio Lower Upper
 88 100
 58 72.6 60.1 90.1
 43 0.0 23.1 34.7#



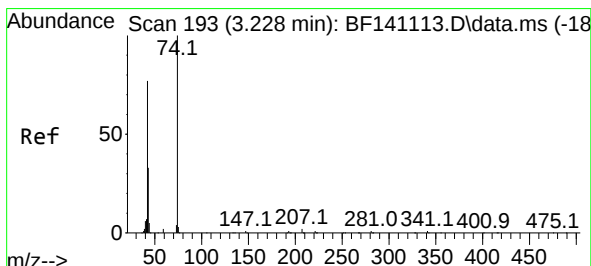
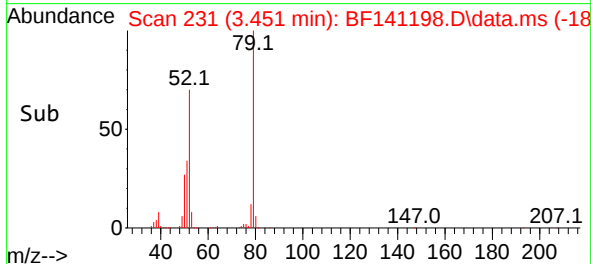
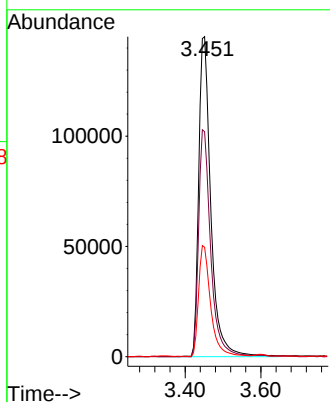


#3
Pyridine
Concen: 22.663 ng
RT: 3.451 min Scan# 219
Delta R.T. 0.171 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Instrument :
BNA_F
ClientSampleId :
366MS

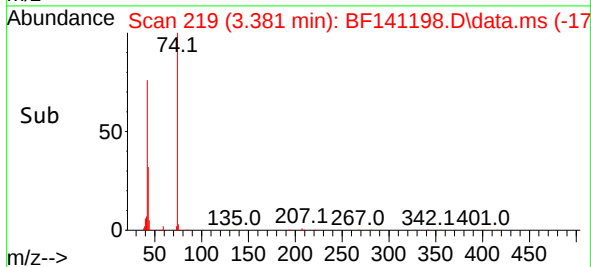
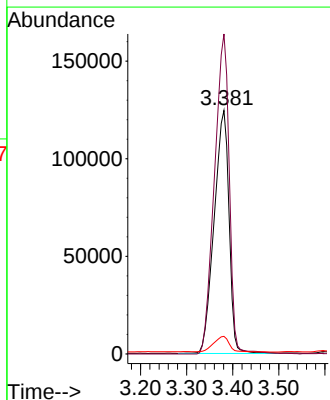
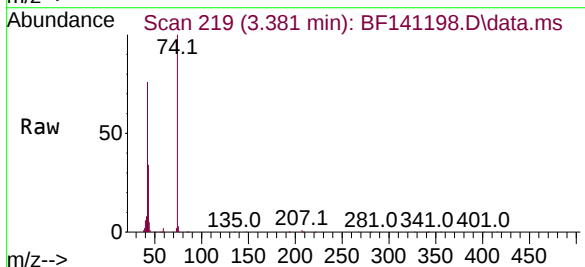


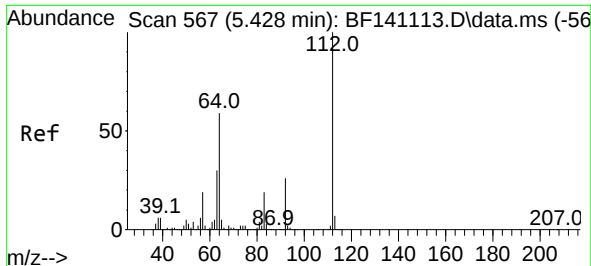
Tgt Ion: 79 Resp: 323917
Ion Ratio Lower Upper
79 100
52 70.3 58.9 88.3
51 34.2 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 39.977 ng
RT: 3.381 min Scan# 219
Delta R.T. 0.153 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion: 42 Resp: 279379
Ion Ratio Lower Upper
42 100
74 131.4 103.8 155.6
44 7.2 5.3 7.9

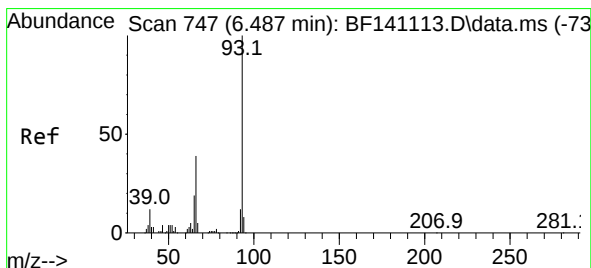
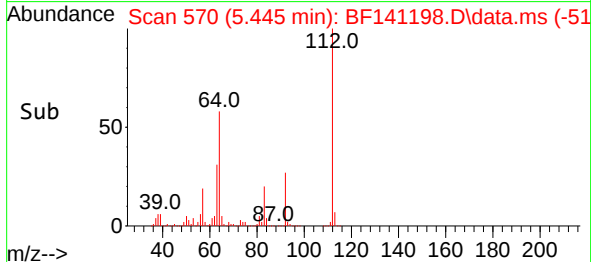
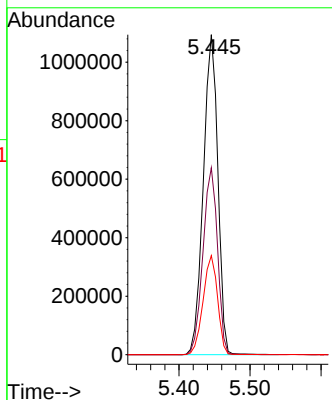
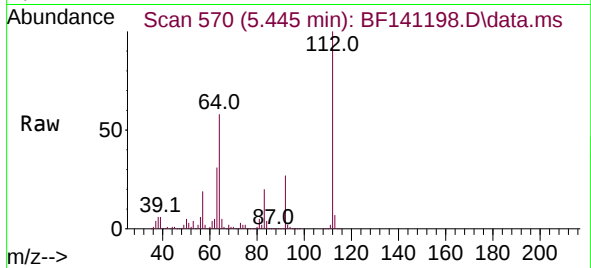




#5
2-Fluorophenol
Concen: 119.245 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

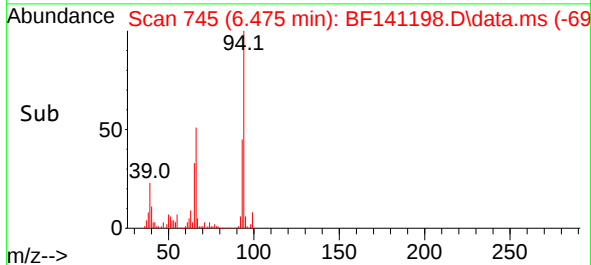
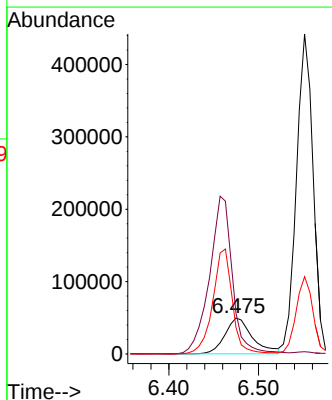
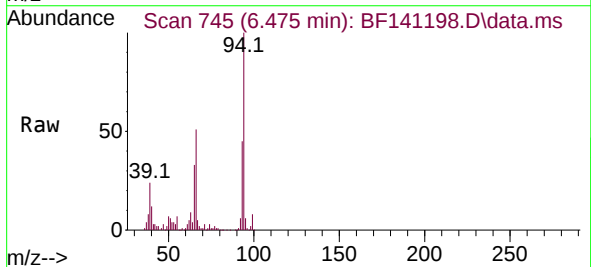
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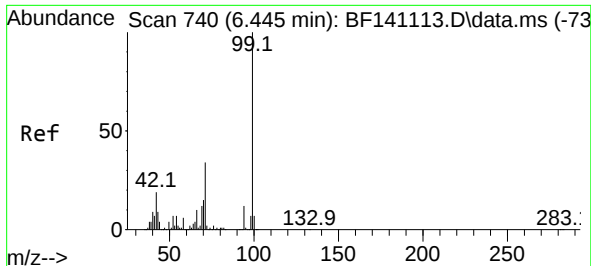
Tgt Ion:112 Resp: 1560693
Ion Ratio Lower Upper
112 100
64 58.4 47.3 70.9
63 30.9 24.2 36.2



#6
Aniline
Concen: 7.147 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion: 93 Resp: 105204
Ion Ratio Lower Upper
93 100
66 114.0 31.5 47.3#
65 73.8 15.3 22.9#



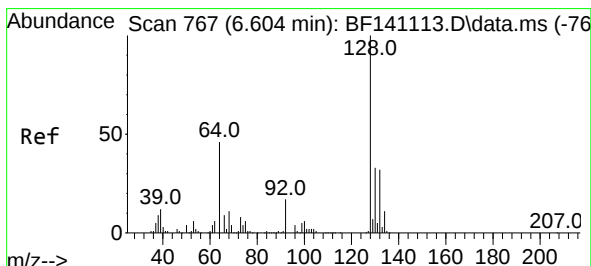
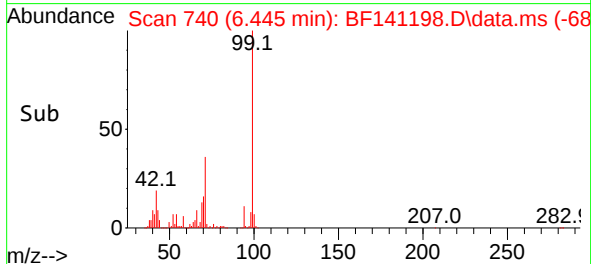
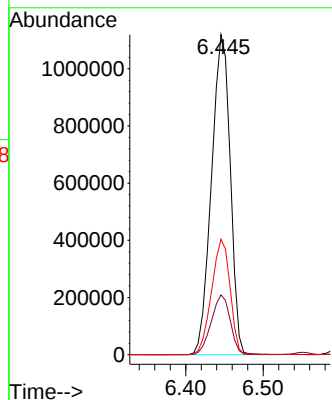
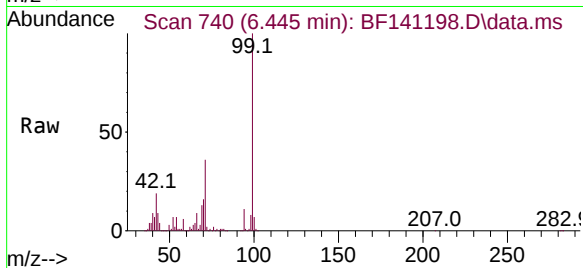


#7
Phenol-d6
Concen: 113.548 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Instrument :
BNA_F
ClientSampleId :
366MS

Tgt Ion: 99 Resp: 1882502

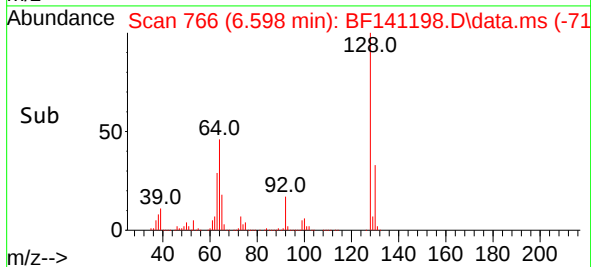
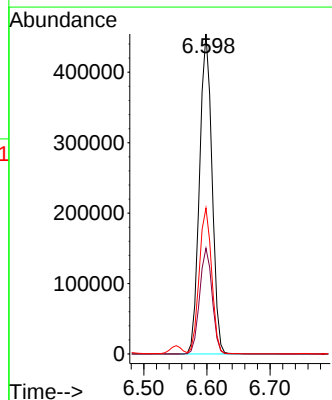
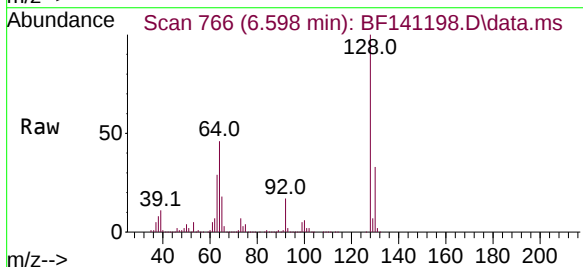
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	36.0	27.6	41.4

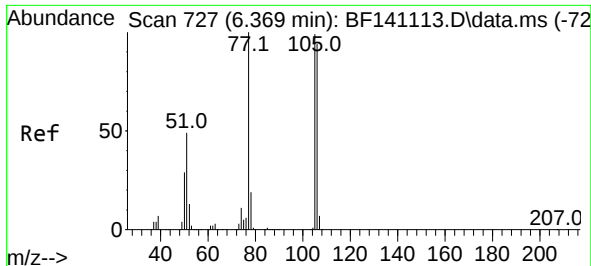


#8
2-Chlorophenol
Concen: 44.387 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion: 128 Resp: 623283

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	45.6	28.3	68.3





#9

Benzaldehyde

Concen: 5.757 ng

RT: 6.363 min Scan# 727

Delta R.T. -0.006 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

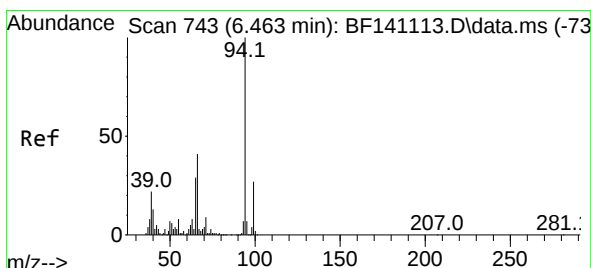
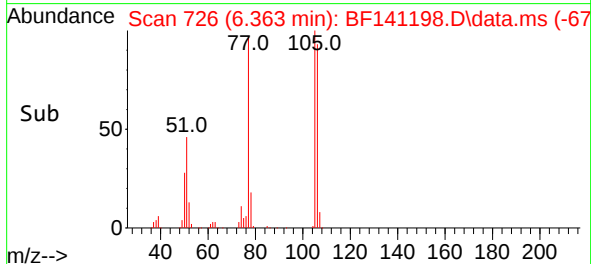
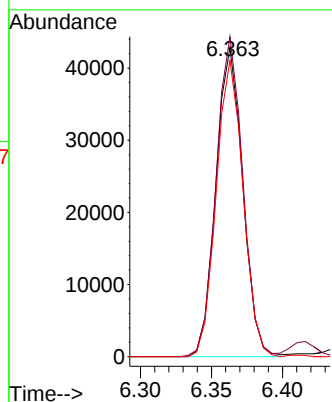
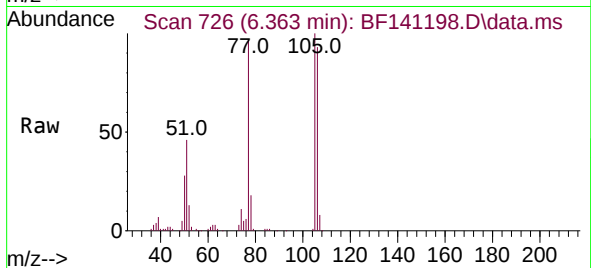
Tgt Ion: 77 Resp: 56209

Ion Ratio Lower Upper

77 100

105 103.5 78.9 118.9

106 95.8 73.6 113.6



#10

Phenol

Concen: 37.789 ng

RT: 6.463 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

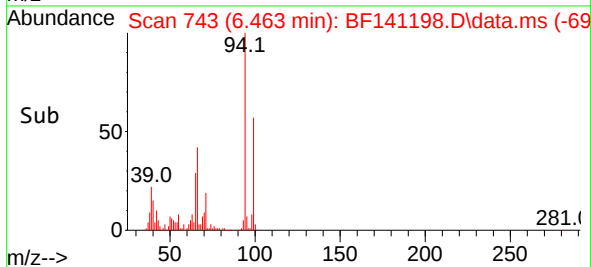
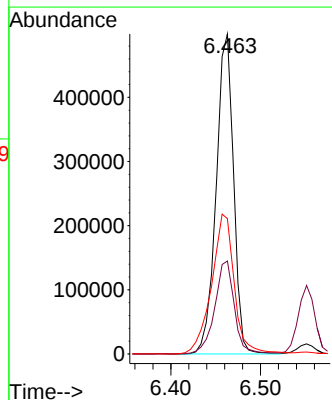
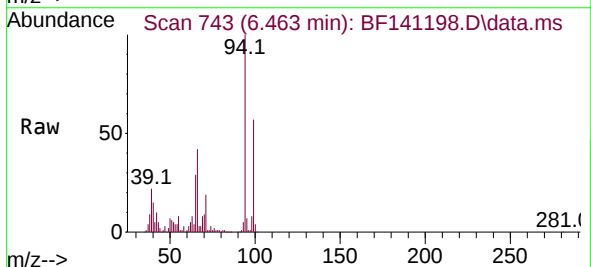
Tgt Ion: 94 Resp: 670648

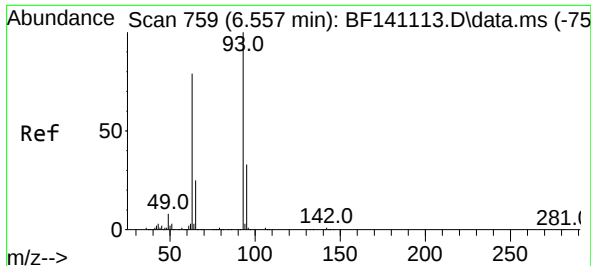
Ion Ratio Lower Upper

94 100

65 29.1 8.9 48.9

66 42.3 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 42.977 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

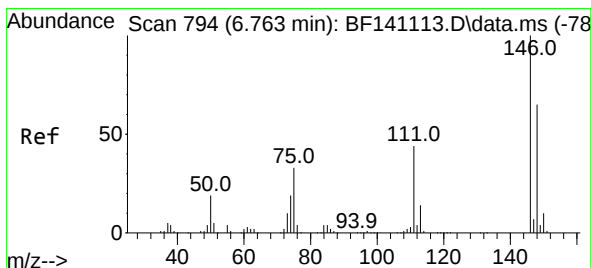
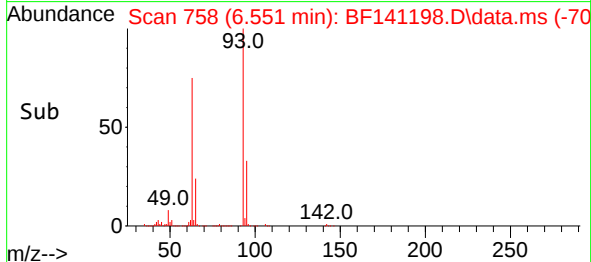
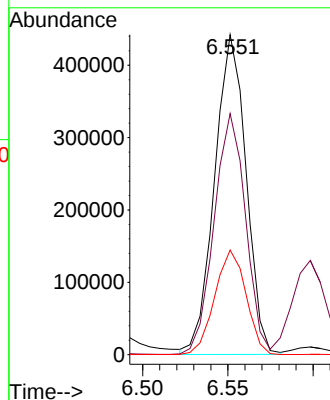
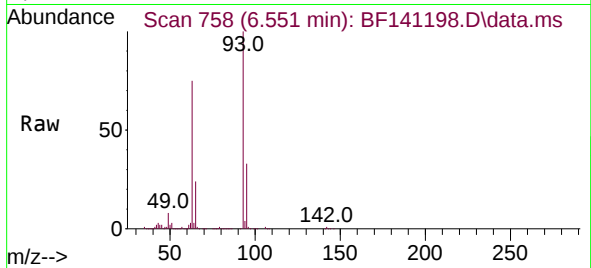
Tgt Ion: 93 Resp: 568407

Ion Ratio Lower Upper

93 100

63 75.4 58.0 98.0

95 32.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 38.827 ng

RT: 6.751 min Scan# 792

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

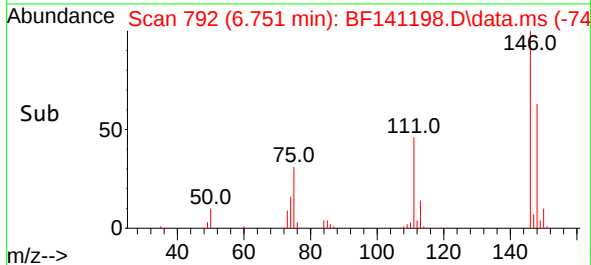
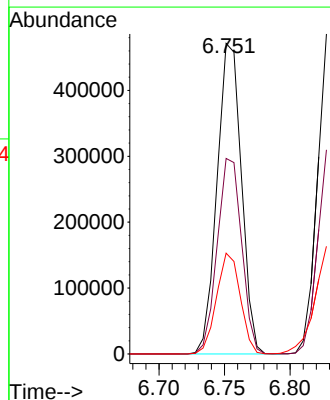
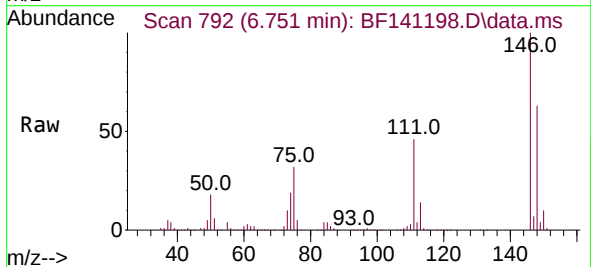
Tgt Ion:146 Resp: 608084

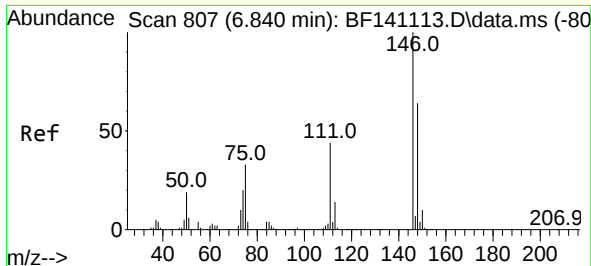
Ion Ratio Lower Upper

146 100

148 63.0 51.6 77.4

75 32.5 26.2 39.2





#13

1,4-Dichlorobenzene

Concen: 39.207 ng

RT: 6.828 min Scan# 807

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

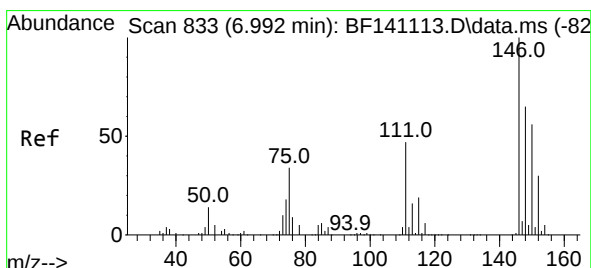
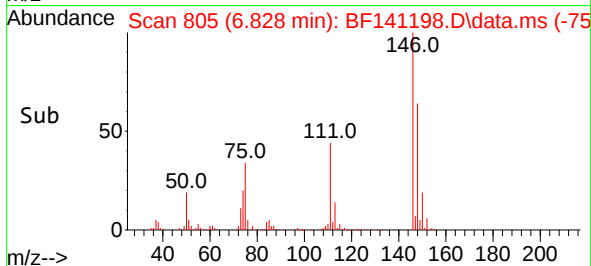
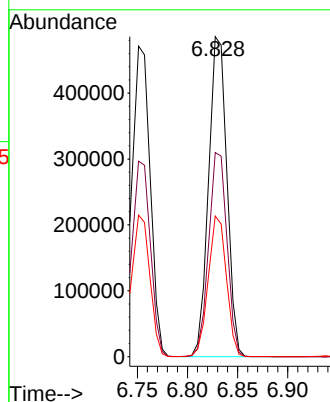
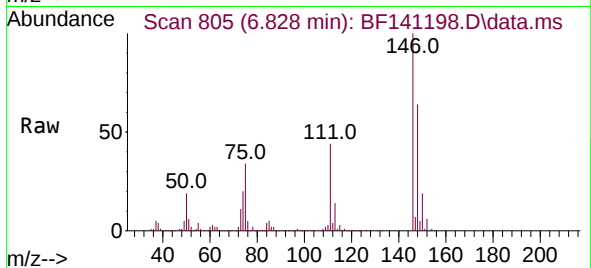
Tgt Ion:146 Resp: 618753

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 44.0 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 40.416 ng

RT: 6.981 min Scan# 831

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

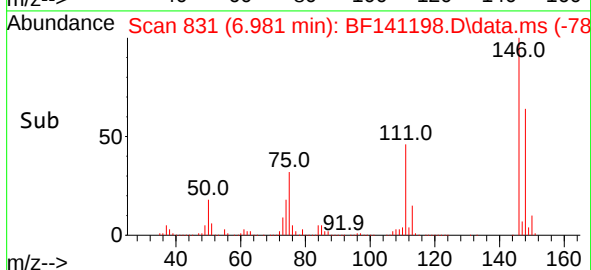
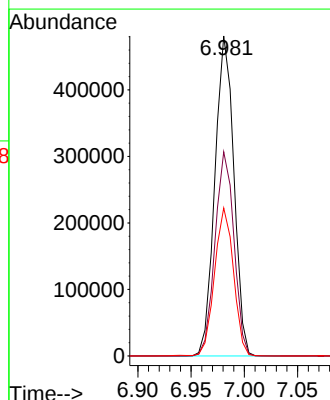
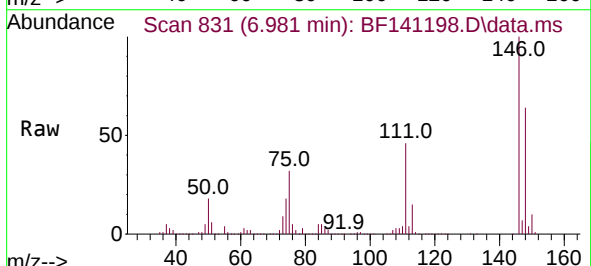
Tgt Ion:146 Resp: 594981

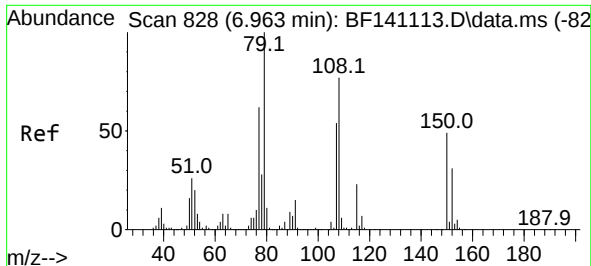
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

111 46.2 37.5 56.3

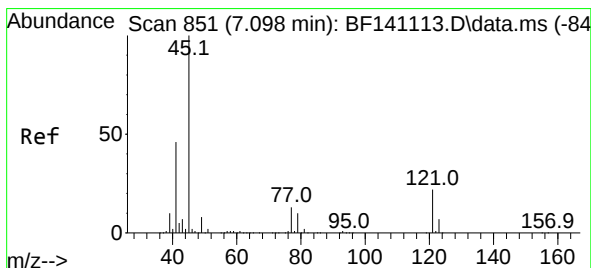
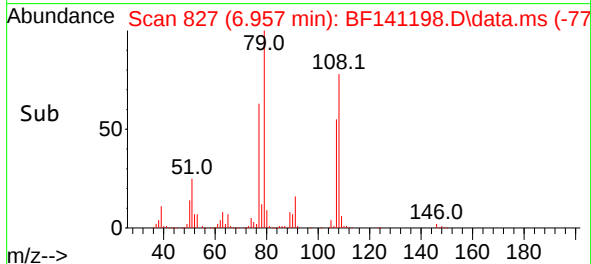
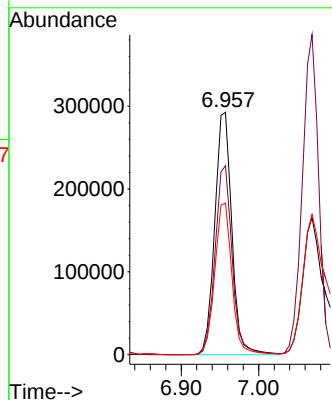
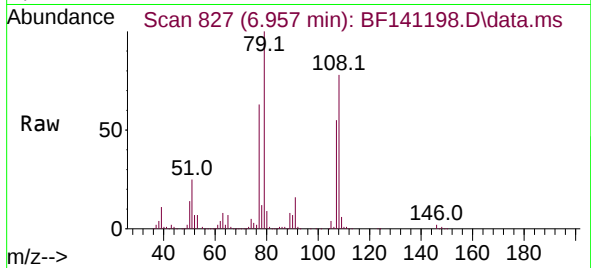




#15
Benzyl Alcohol
Concen: 37.399 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

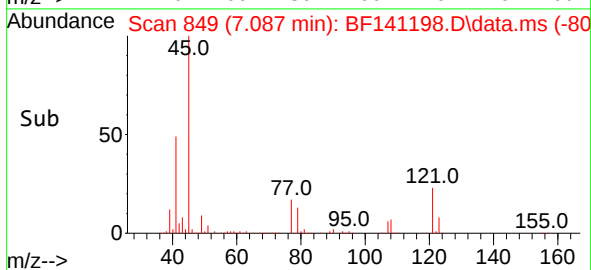
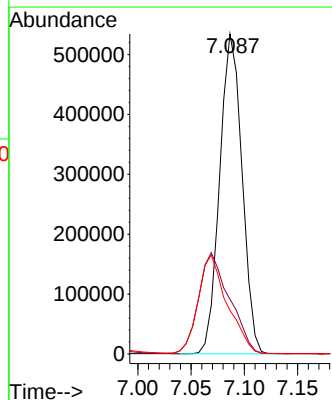
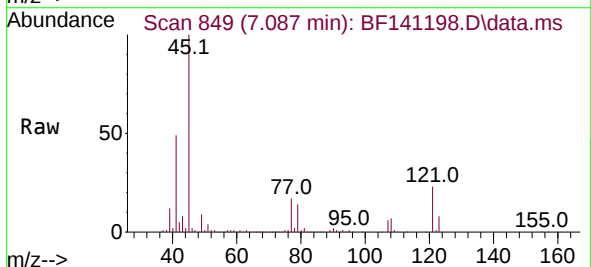
Instrument :
BNA_F
ClientSampleId :
366MS

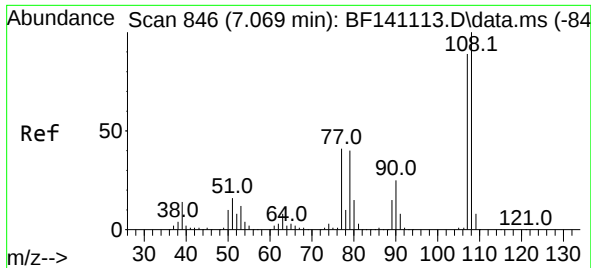
Tgt Ion: 79 Resp: 447769
Ion Ratio Lower Upper
79 100
108 78.0 61.4 92.0
77 62.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.107 ng
RT: 7.087 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion: 45 Resp: 777137
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.1
79 13.6 0.0 31.0

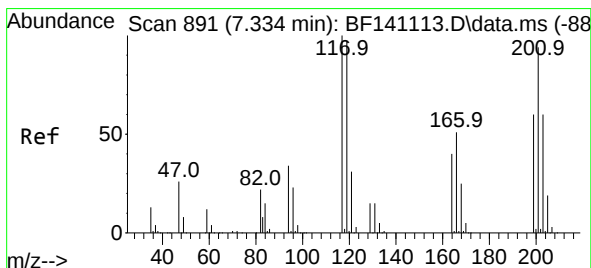
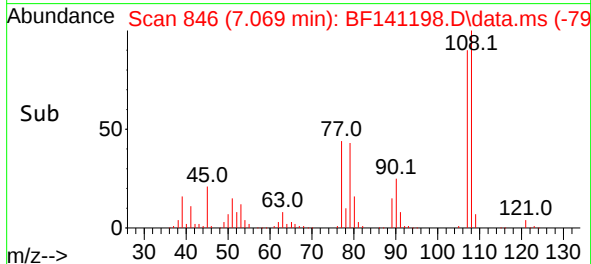
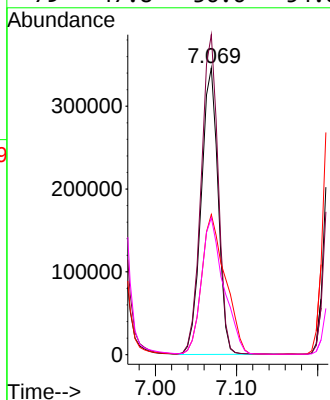
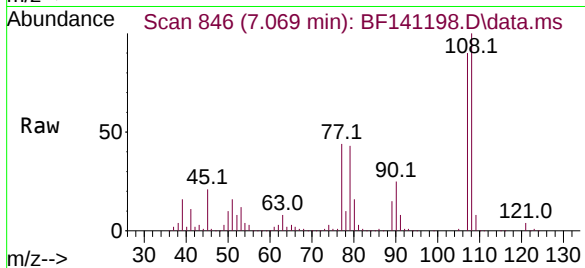




#17
2-Methylphenol
Concen: 44.122 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

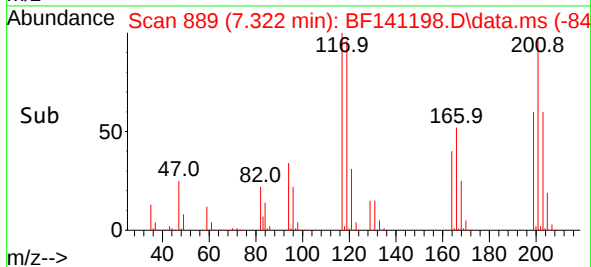
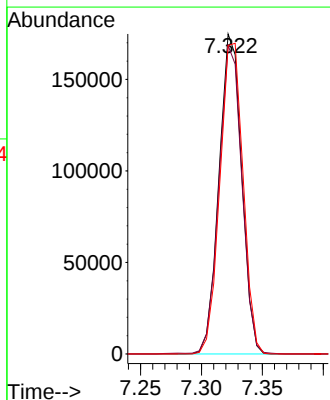
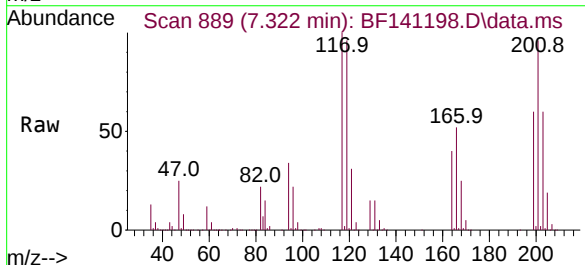
Instrument :
BNA_F
ClientSampleId :
366MS

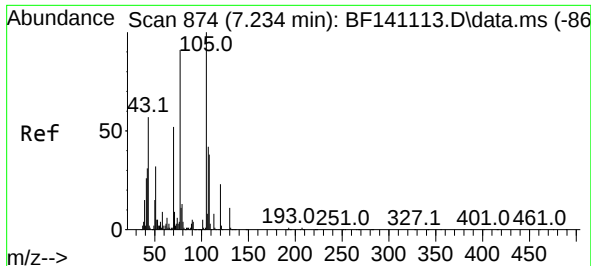
Tgt Ion:	107	Resp:	500201
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.1	135.1
77	48.9	36.6	55.0
79	47.8	36.6	54.8



#18
Hexachloroethane
Concen: 39.673 ng
RT: 7.322 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:	117	Resp:	226423
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.6	116.4
201	96.4	75.1	112.7



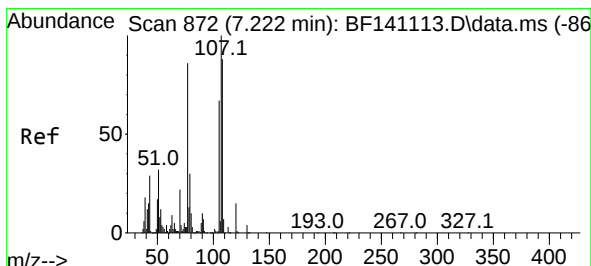
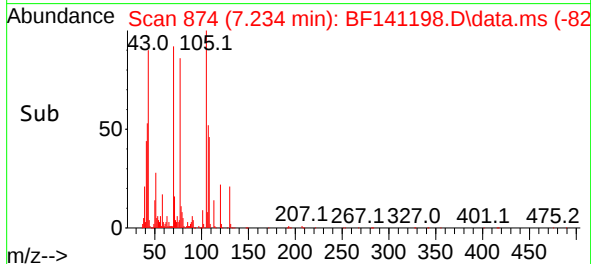
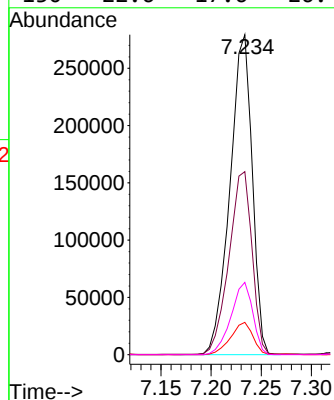
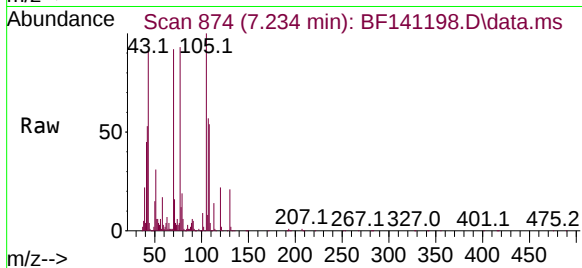


#19
n-Nitroso-di-n-propylamine
Concen: 44.318 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Instrument :
BNA_F
ClientSampleId :
366MS

Tgt Ion: 70 Resp: 432809

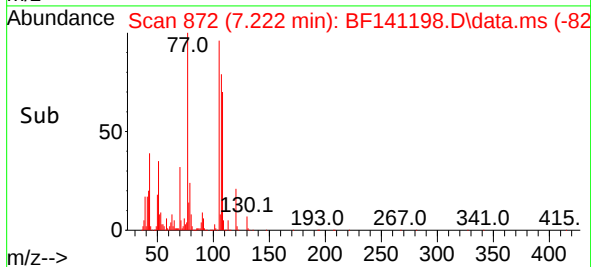
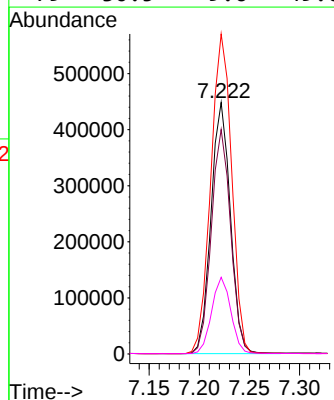
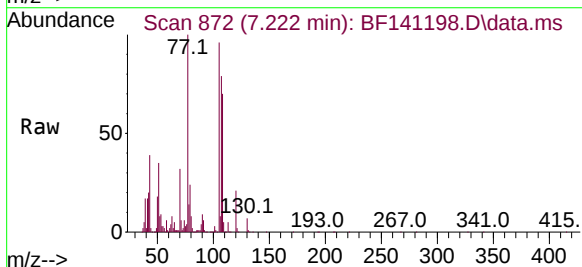
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.8	71.6
101	10.1	7.9	11.9
130	22.6	17.6	26.4

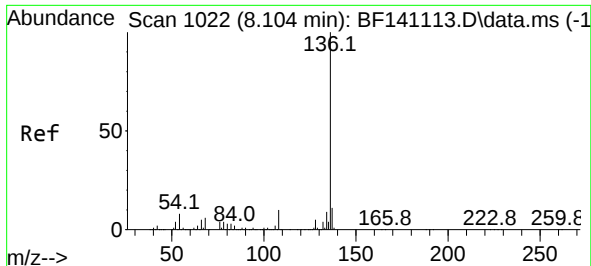


#20
3+4-Methylphenols
Concen: 42.154 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion: 107 Resp: 602909

Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.3	108.3
77	127.2	66.4	106.4#
79	30.5	9.6	49.6



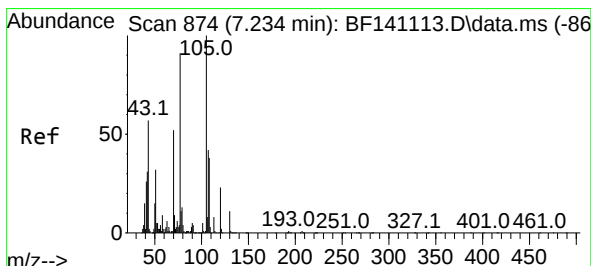
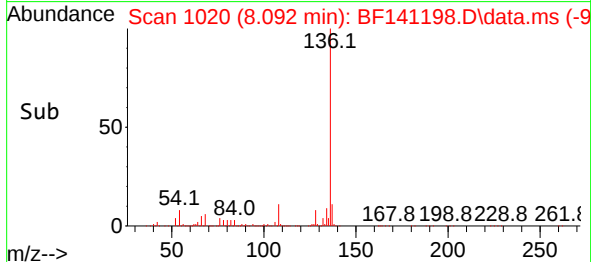
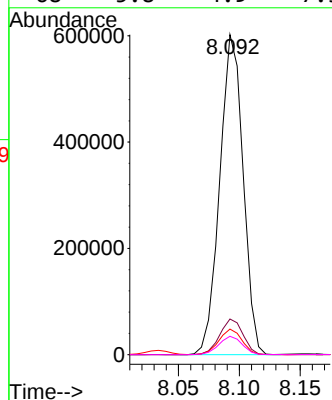
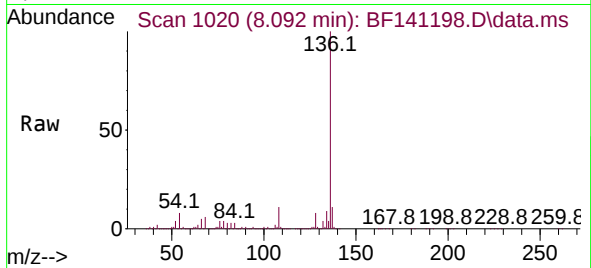


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Instrument :
BNA_F
ClientSampleId :
366MS

Tgt Ion:136 Resp: 804021

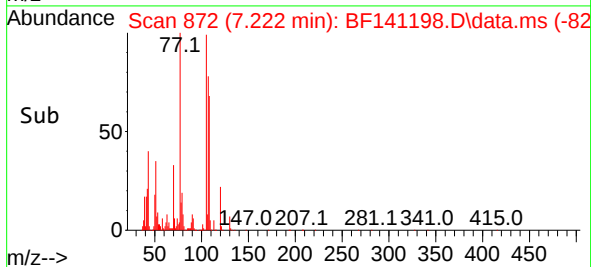
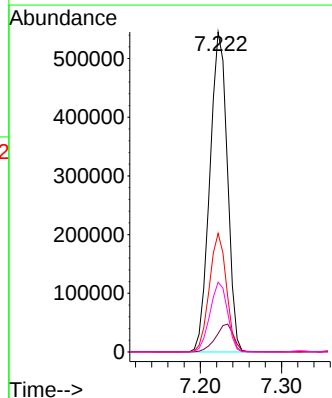
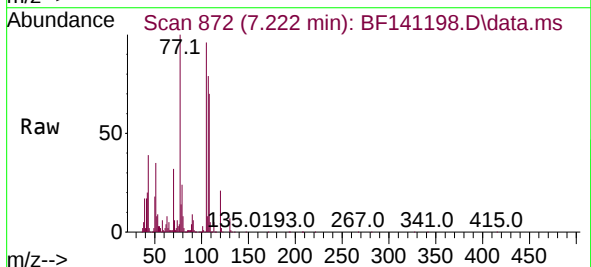
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.0	6.3	9.5
68	5.8	4.9	7.3

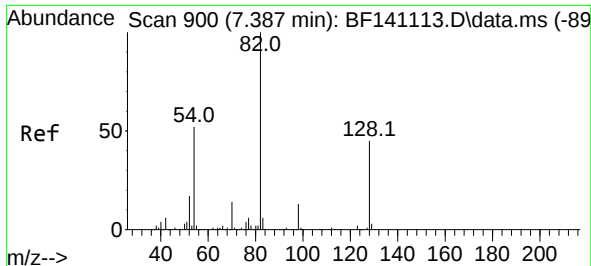


#22
Acetophenone
Concen: 42.751 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:105 Resp: 817118

Ion	Ratio	Lower	Upper
105	100		
71	5.8	7.1	10.7#
51	37.1	25.4	38.2
120	21.8	18.0	27.0





#23

Nitrobenzene-d5

Concen: 86.909 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

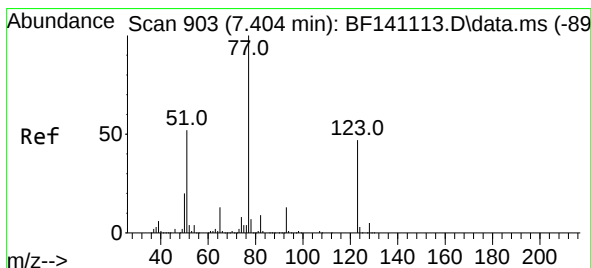
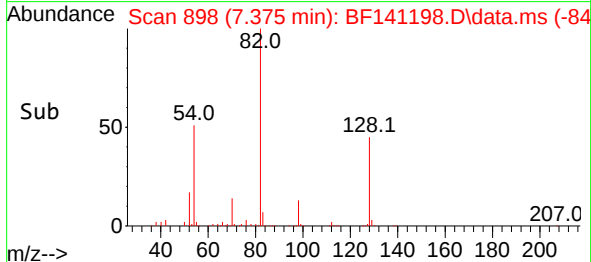
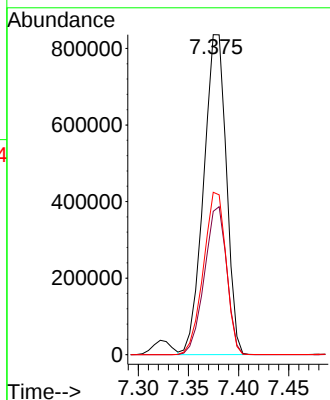
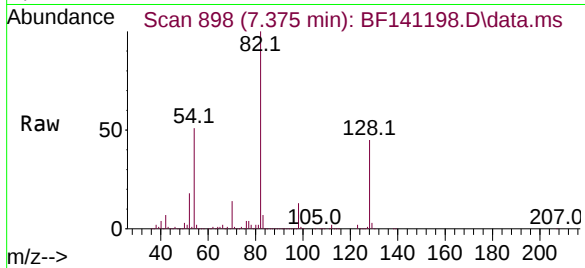
Tgt Ion: 82 Resp: 1318217

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

54 50.8 41.0 61.4



#24

Nitrobenzene

Concen: 40.471 ng

RT: 7.398 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

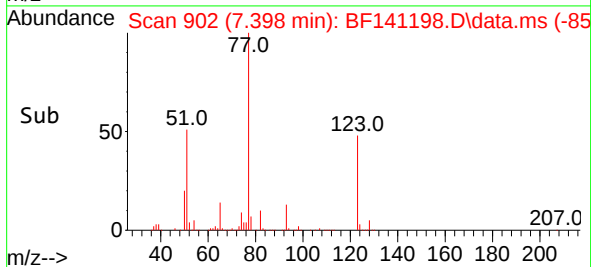
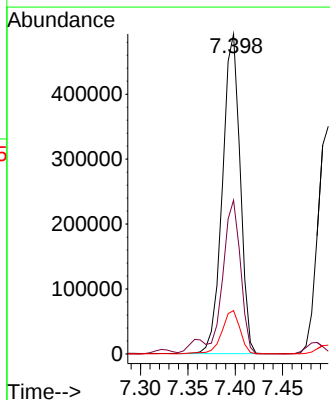
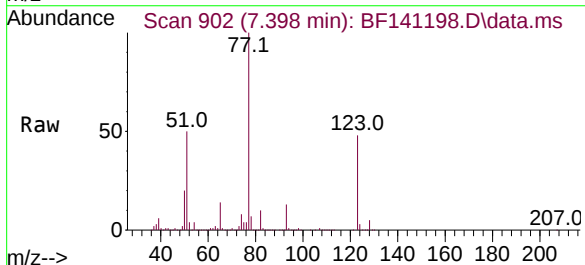
Tgt Ion: 77 Resp: 639767

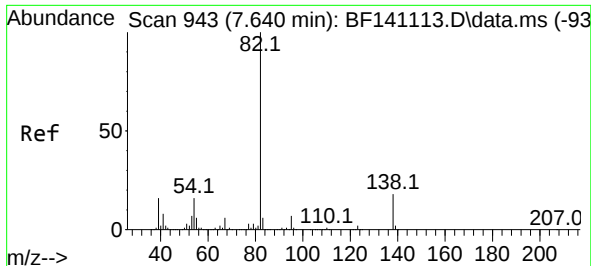
Ion Ratio Lower Upper

77 100

123 48.1 37.7 56.5

65 13.5 10.6 16.0

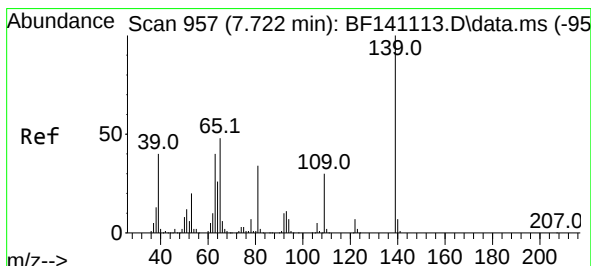
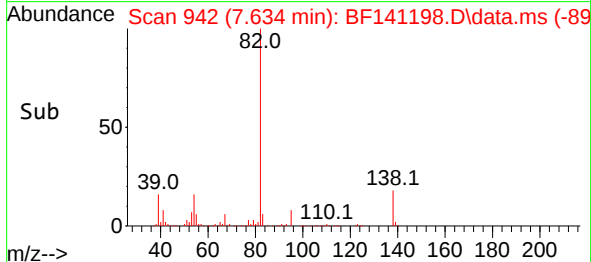
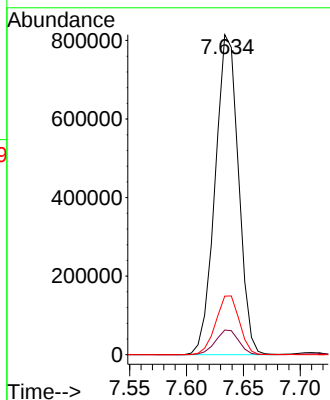
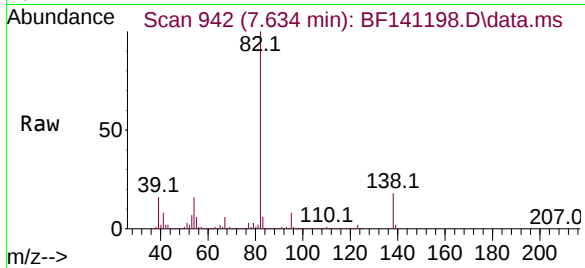




#25
Isophorone
Concen: 45.011 ng
RT: 7.634 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

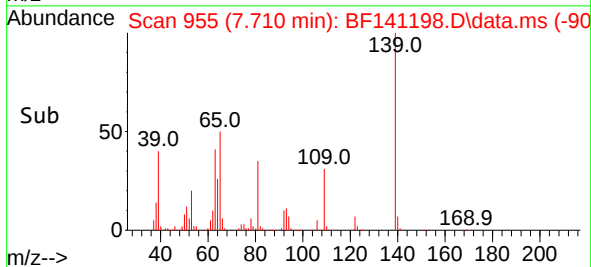
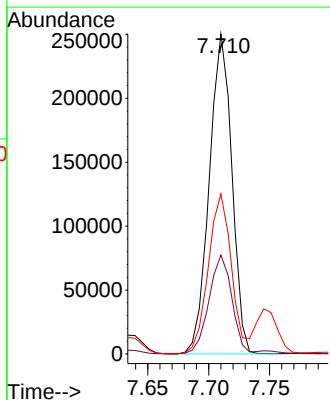
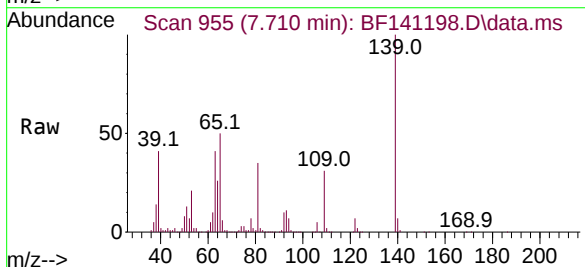
Instrument :
BNA_F
ClientSampleId :
366MS

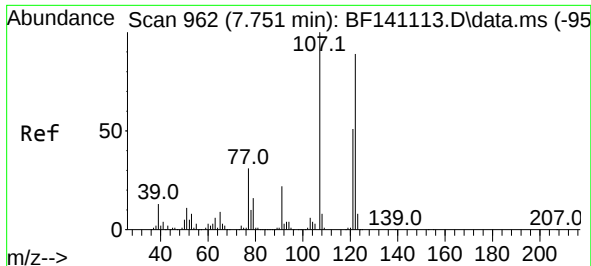
Tgt Ion: 82 Resp: 1166722
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.3 14.2 21.2



#26
2-Nitrophenol
Concen: 44.946 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:139 Resp: 323201
Ion Ratio Lower Upper
139 100
109 30.9 23.8 35.6
65 50.0 38.5 57.7

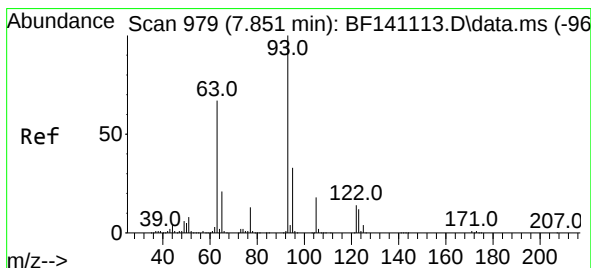
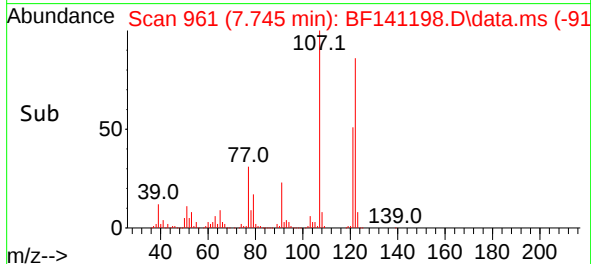
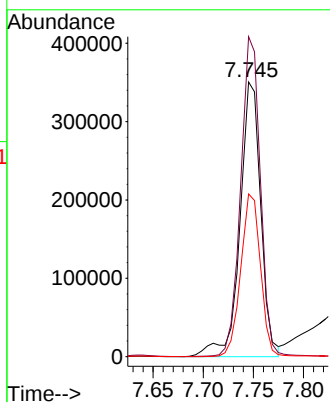
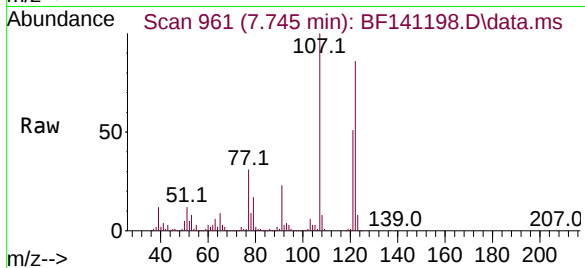




#27
2,4-Dimethylphenol
Concen: 52.253 ng
RT: 7.745 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

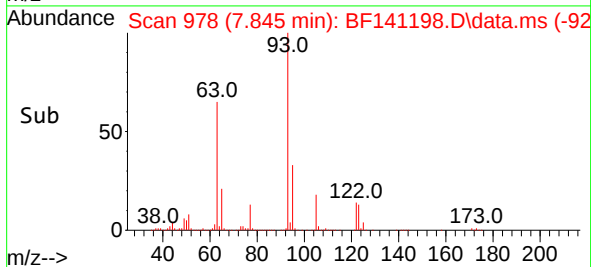
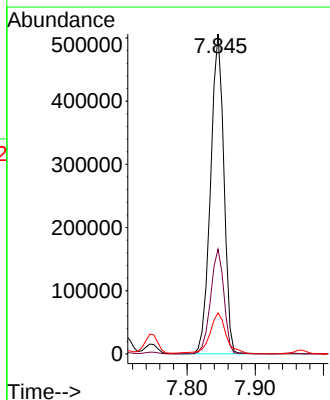
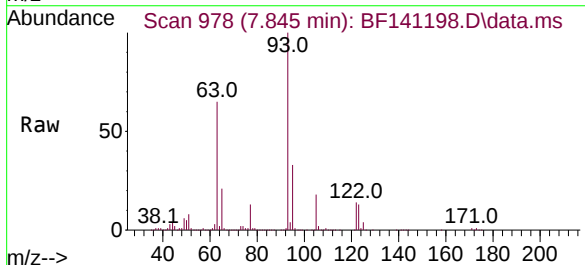
Instrument :
BNA_F
ClientSampleId :
366MS

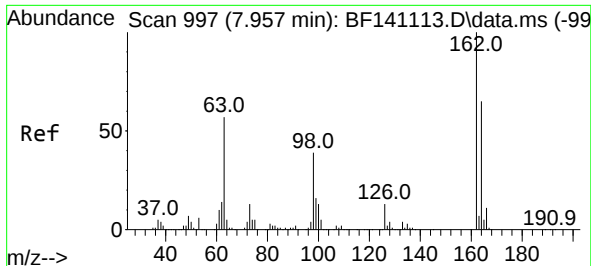
Tgt Ion:122 Resp: 506823
Ion Ratio Lower Upper
122 100
107 116.5 90.3 135.5
121 59.2 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 42.247 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion: 93 Resp: 687264
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 12.9 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 44.716 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

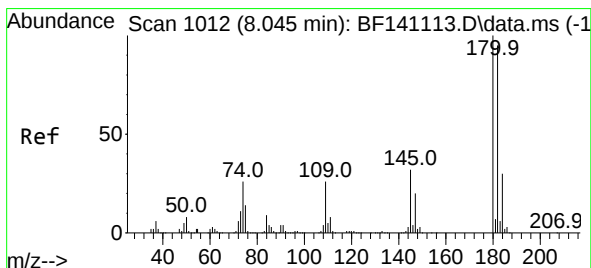
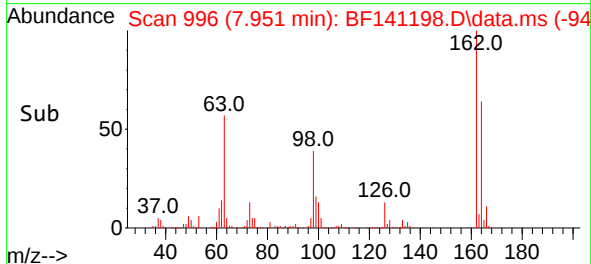
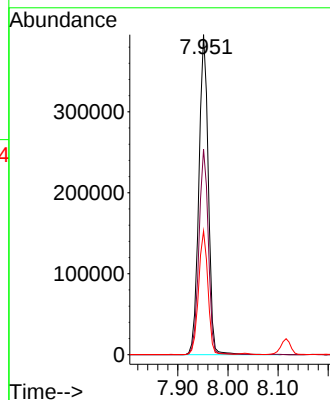
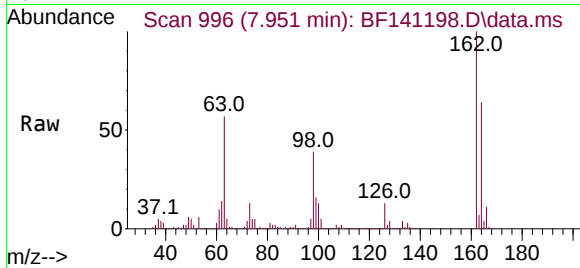
Tgt Ion:162 Resp: 515110

Ion Ratio Lower Upper

162 100

164 64.2 44.5 84.5

98 38.6 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 40.045 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

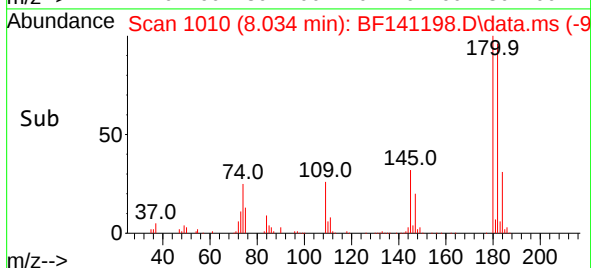
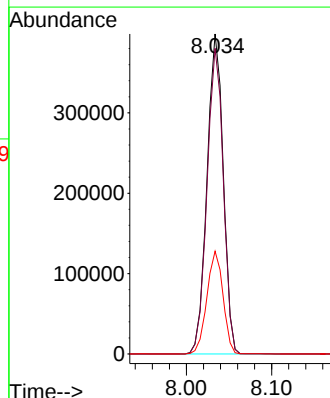
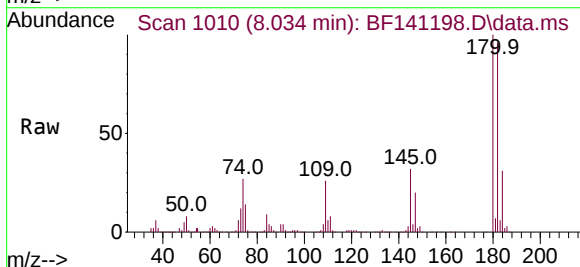
Tgt Ion:180 Resp: 527294

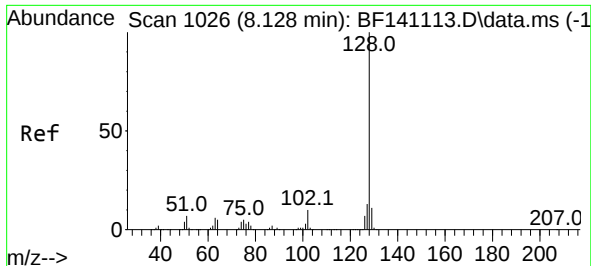
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 32.1 25.3 37.9

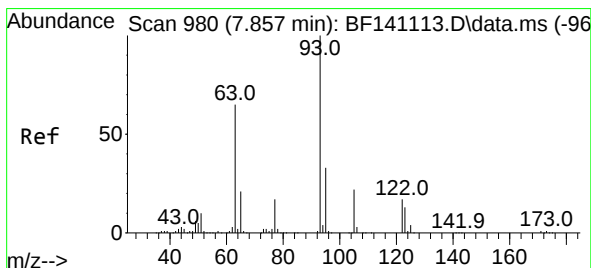
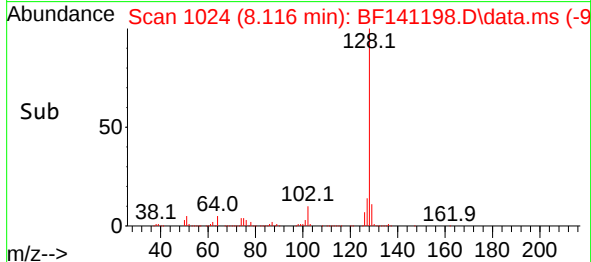
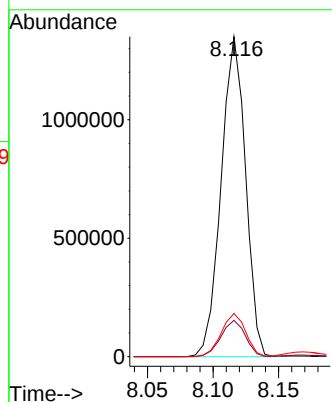
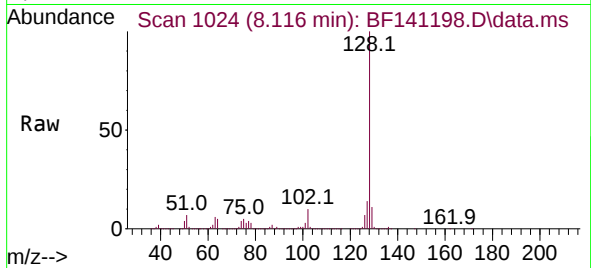




#31
Naphthalene
Concen: 41.285 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

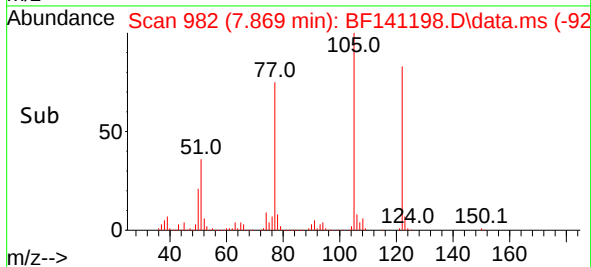
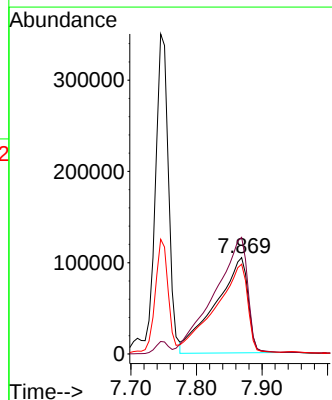
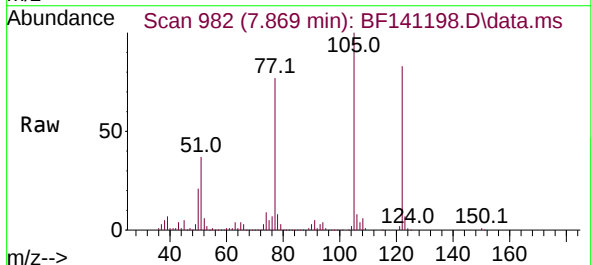
Instrument :
BNA_F
ClientSampleId :
366MS

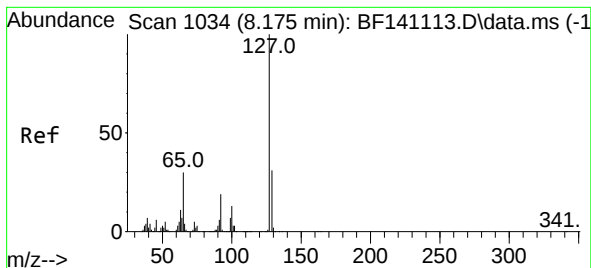
Tgt Ion:128 Resp: 1750532
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 38.795 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:122 Resp: 360965
Ion Ratio Lower Upper
122 100
105 121.1 105.5 145.5
77 93.2 75.1 115.1





#33

4-Chloroaniline

Concen: 2.848 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

Tgt Ion:127 Resp: 41765

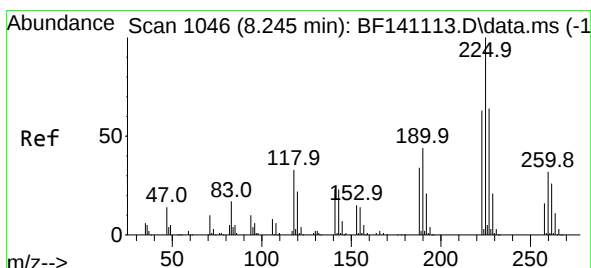
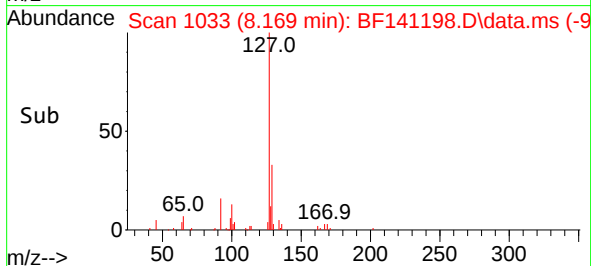
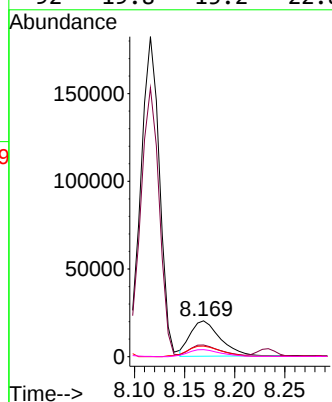
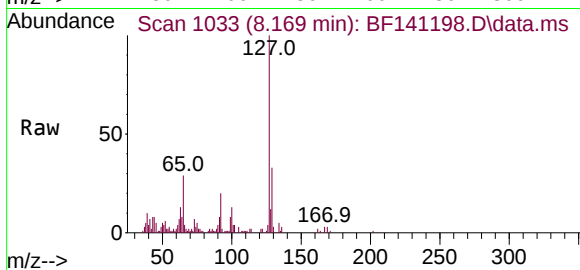
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 29.4 23.8 35.8

92 19.8 15.2 22.8



#34

Hexachlorobutadiene

Concen: 40.888 ng

RT: 8.233 min Scan# 1044

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

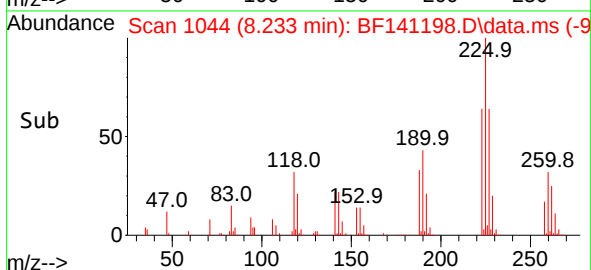
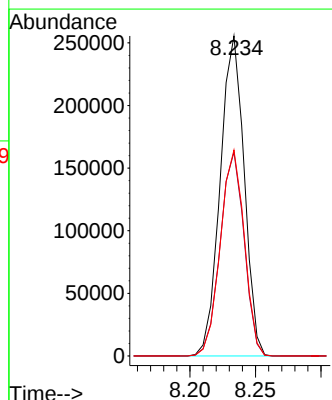
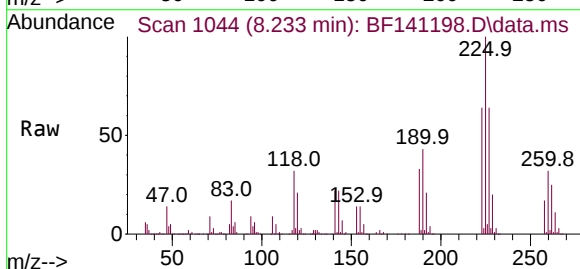
Tgt Ion:225 Resp: 324411

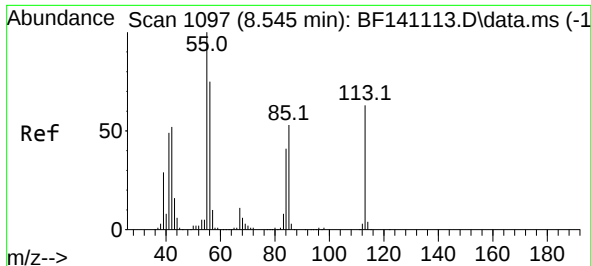
Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

227 64.4 51.6 77.4

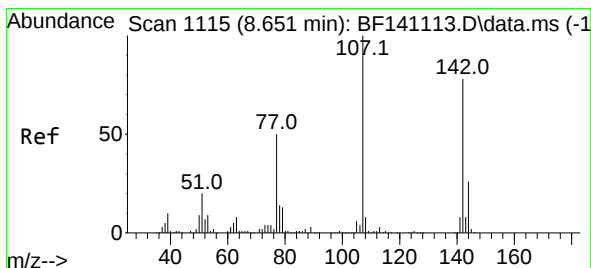
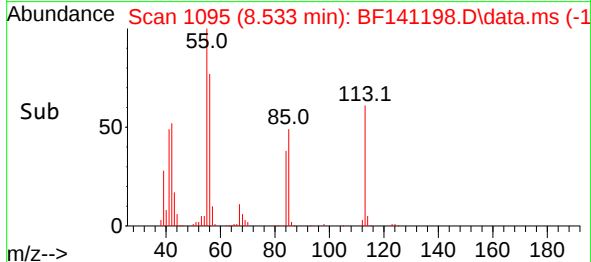
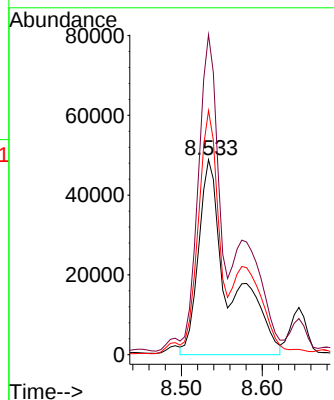
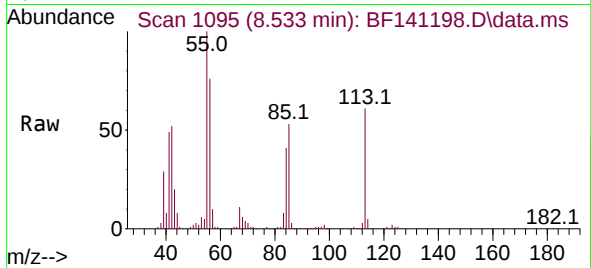




#35
 Caprolactam
 Concen: 34.647 ng m
 RT: 8.533 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF141198.D
 Acq: 17 Jan 2025 17:41

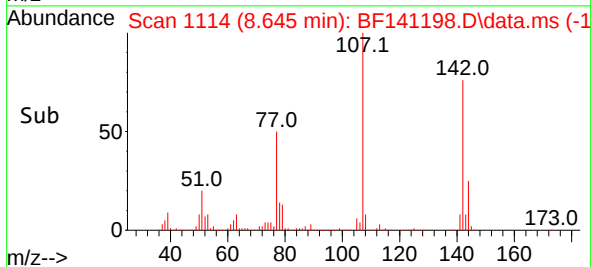
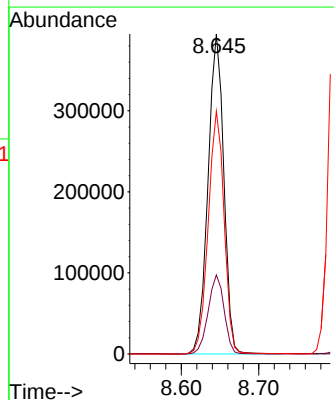
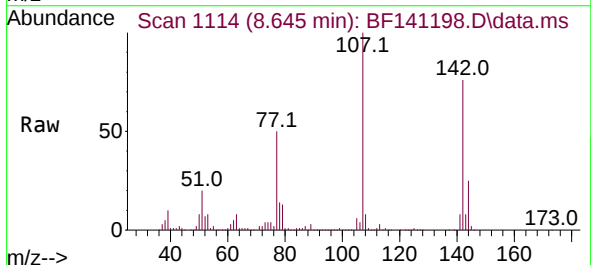
Instrument :
 BNA_F
 ClientSampleId :
 366MS

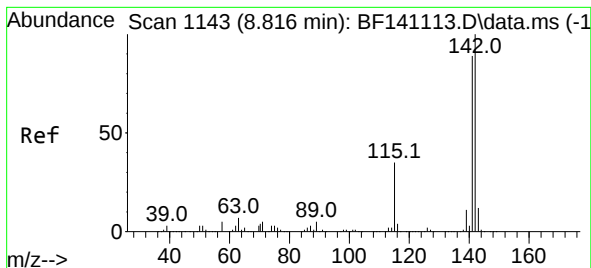
Tgt Ion:113 Resp: 130670
 Ion Ratio Lower Upper
 113 100
 55 164.0 139.7 179.7
 56 125.1 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 44.373 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: BF141198.D
 Acq: 17 Jan 2025 17:41

Tgt Ion:107 Resp: 559032
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.4 30.6
 142 75.8 62.2 93.2





#37

2-Methylnaphthalene

Concen: 43.071 ng

RT: 8.804 min Scan# 1141

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

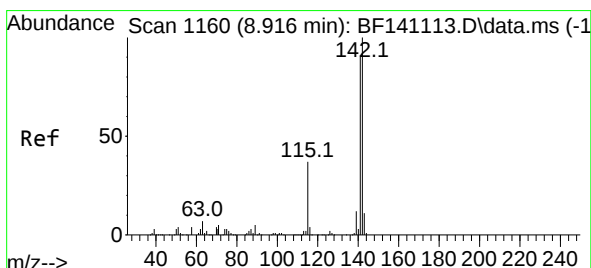
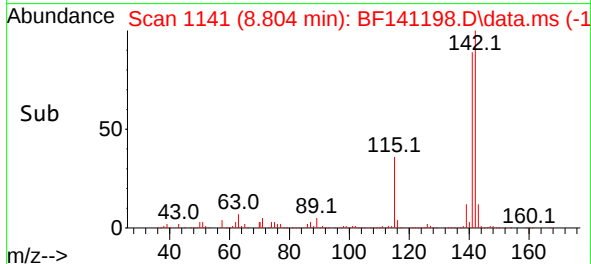
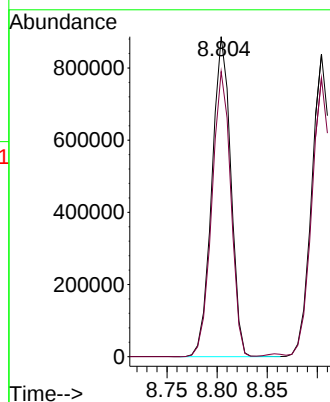
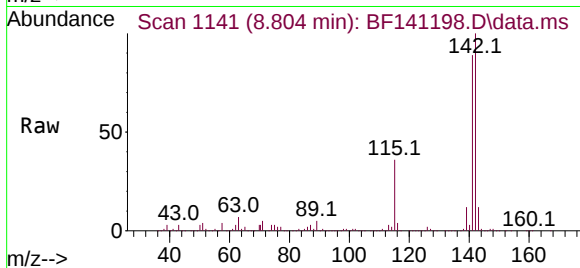
366MS

Tgt Ion:142 Resp: 1163743

Ion Ratio Lower Upper

142 100

141 89.1 71.3 106.9



#38

1-Methylnaphthalene

Concen: 40.923 ng

RT: 8.904 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF141198.D

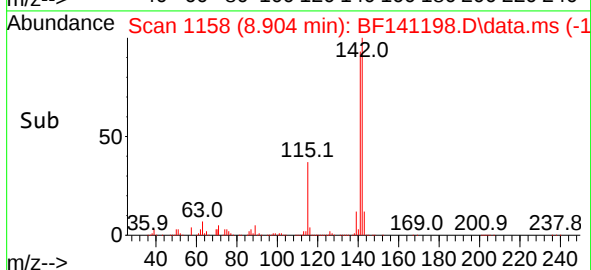
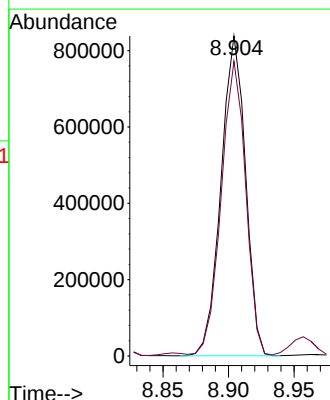
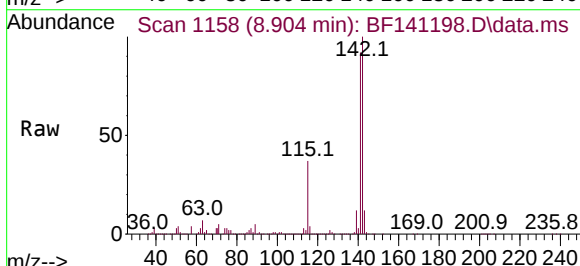
Acq: 17 Jan 2025 17:41

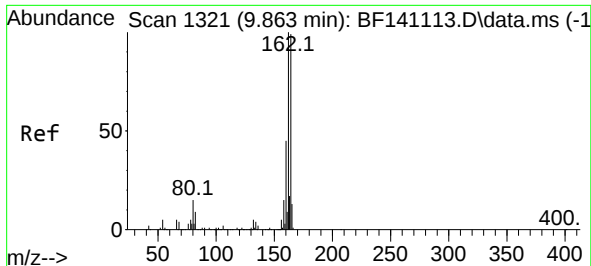
Tgt Ion:142 Resp: 1089712

Ion Ratio Lower Upper

142 100

141 92.1 73.1 109.7

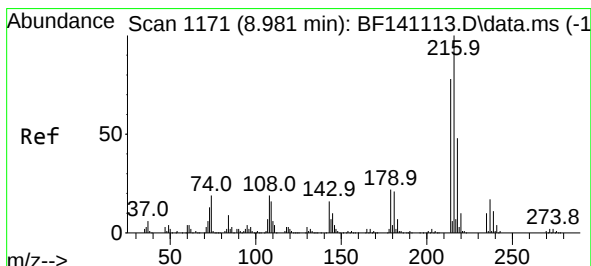
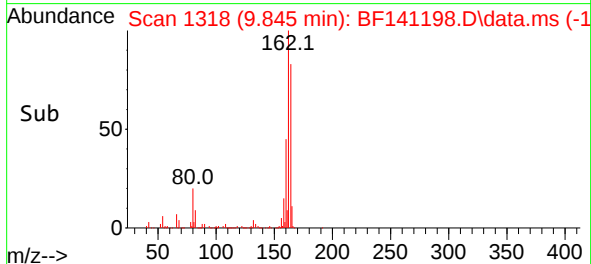
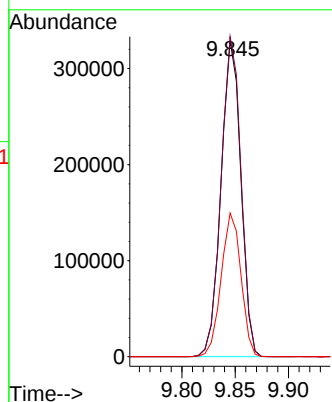
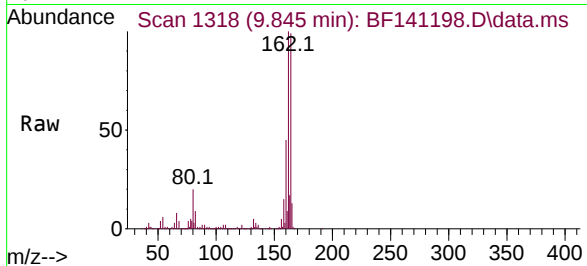




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

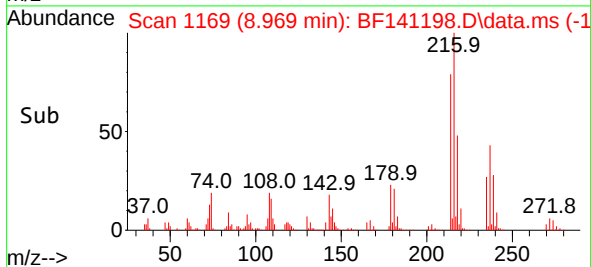
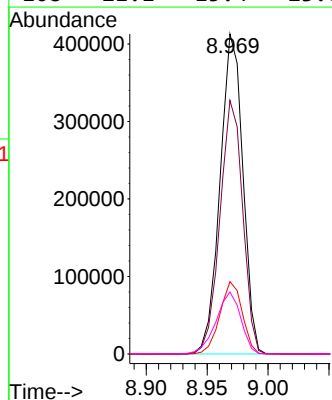
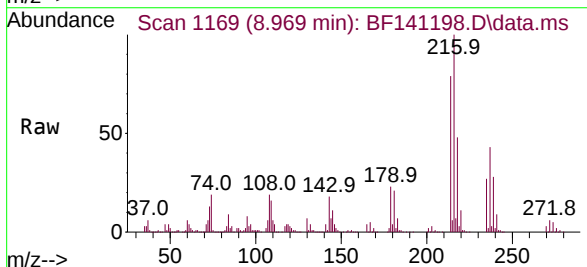
Instrument :
BNA_F
ClientSampleId :
366MS

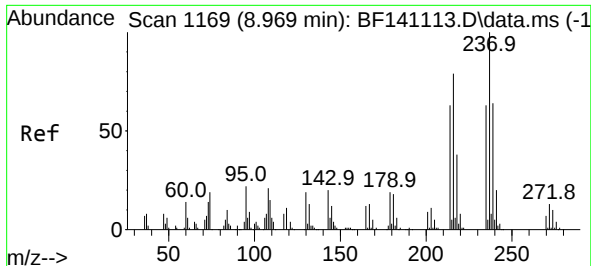
Tgt Ion:164 Resp: 425124
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 45.4 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.118 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:216 Resp: 538317
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 22.2 17.7 26.5
108 21.1 15.4 23.0

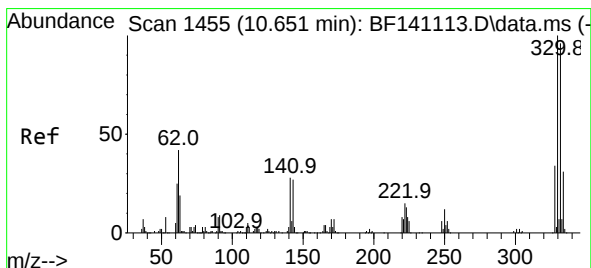
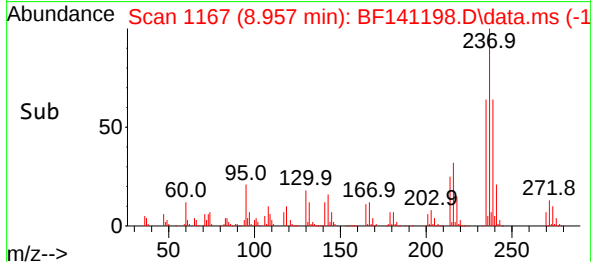
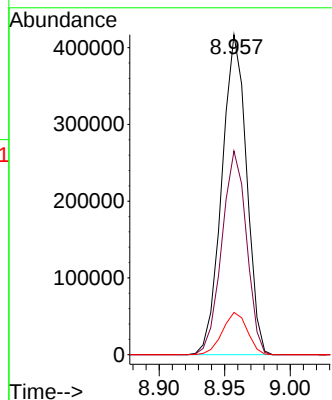
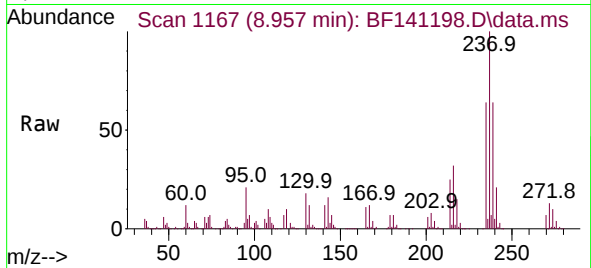




#41
Hexachlorocyclopentadiene
Concen: 136.782 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

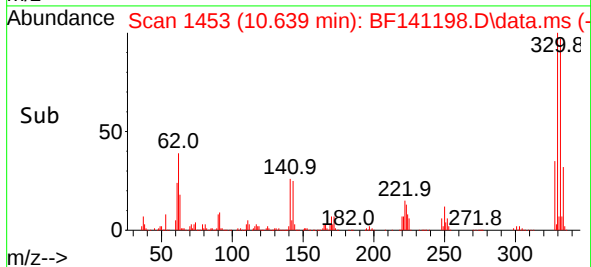
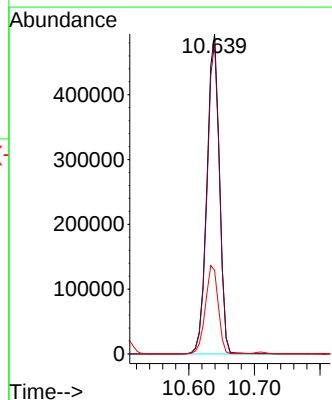
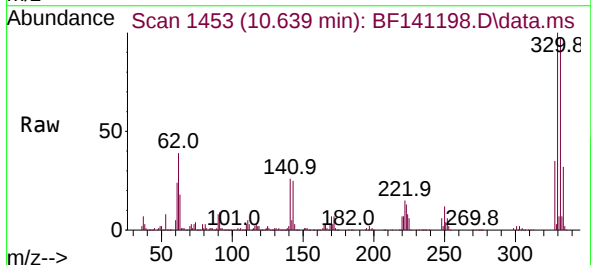
Instrument :
BNA_F
ClientSampleId :
366MS

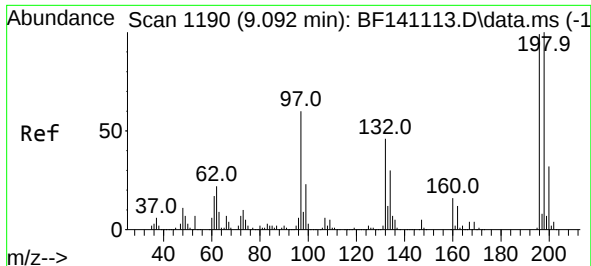
Tgt Ion:237 Resp: 546040
Ion Ratio Lower Upper
237 100
235 63.6 43.0 83.0
272 13.2 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 135.244 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:330 Resp: 655122
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 28.4 25.2 37.8

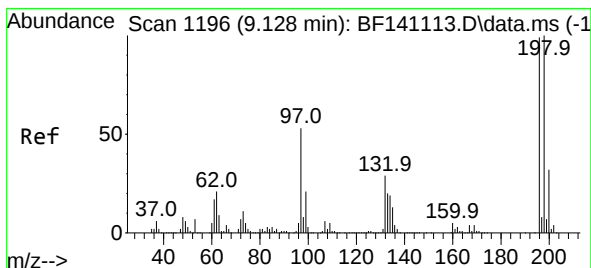
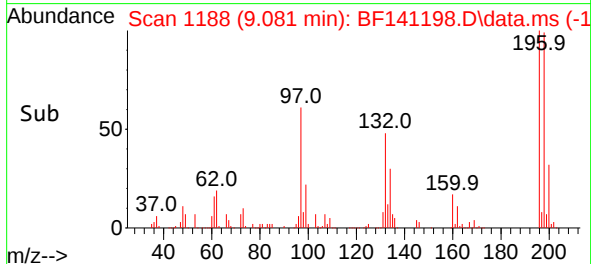
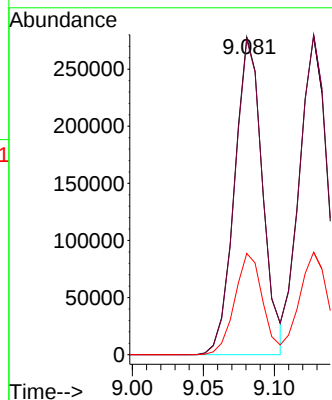
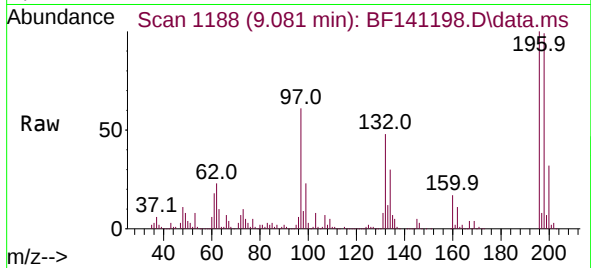




#43
2,4,6-Trichlorophenol
Concen: 46.274 ng
RT: 9.081 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

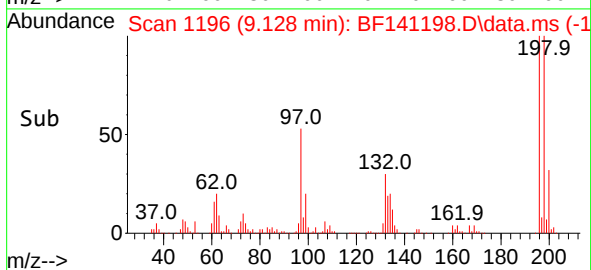
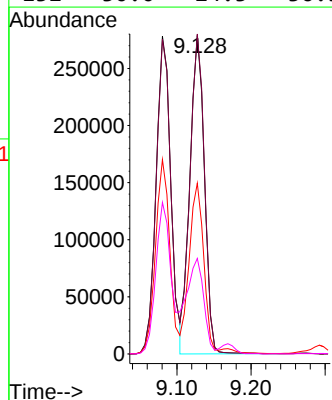
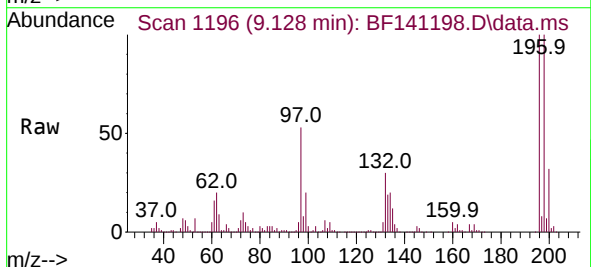
Instrument :
BNA_F
ClientSampleId :
366MS

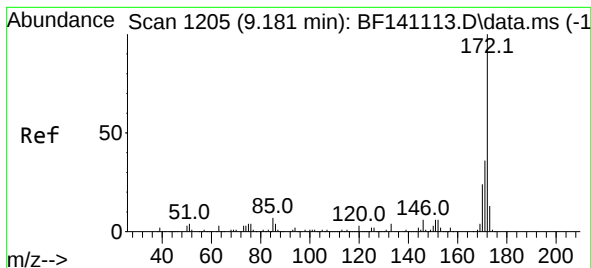
Tgt Ion:196 Resp: 380805
Ion Ratio Lower Upper
196 100
198 99.1 80.8 121.2
200 31.9 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 43.778 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:196 Resp: 380488
Ion Ratio Lower Upper
196 100
198 100.5 80.6 120.8
97 53.6 43.1 64.7
132 30.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 86.005 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

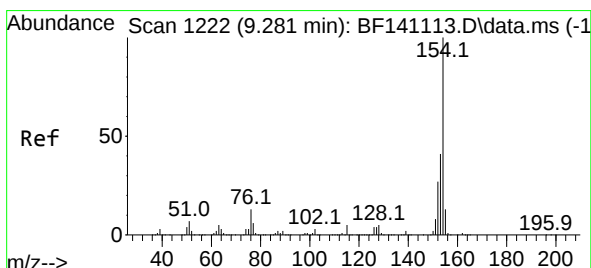
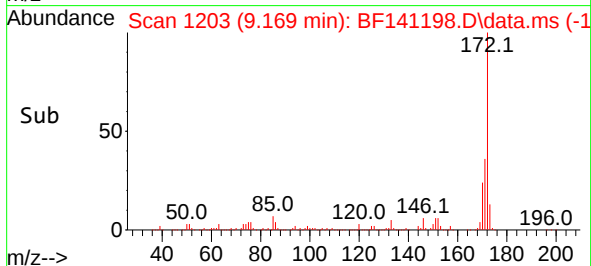
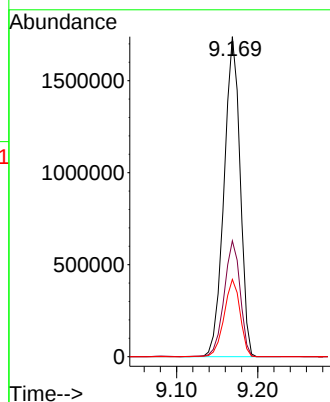
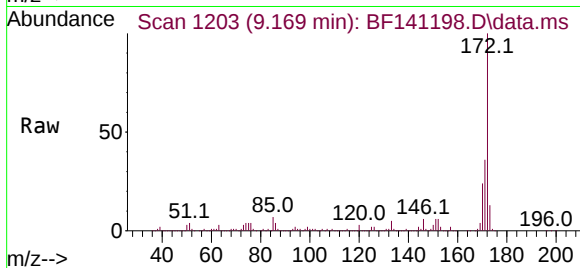
Tgt Ion:172 Resp: 2394346

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.526 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

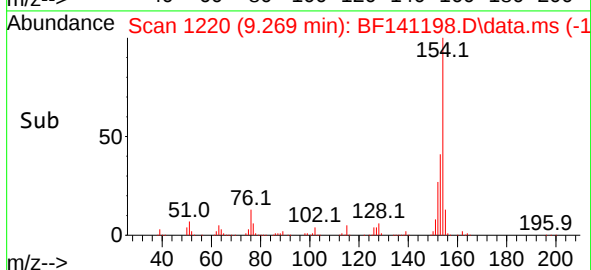
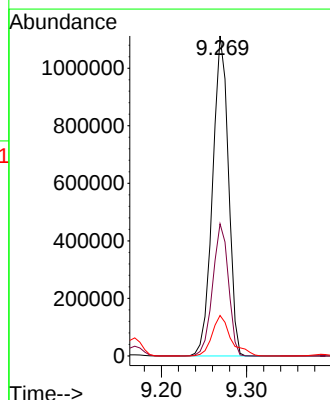
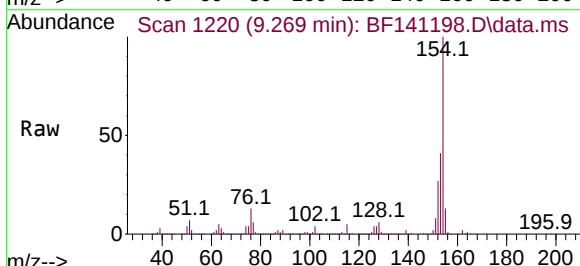
Tgt Ion:154 Resp: 1437014

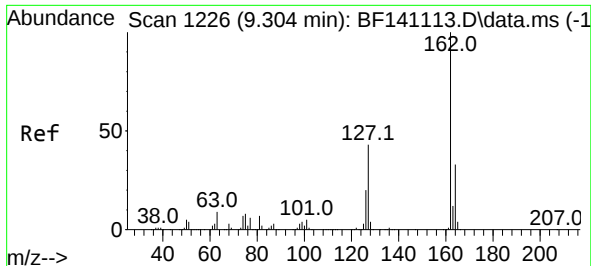
Ion Ratio Lower Upper

154 100

153 41.3 20.7 60.7

76 12.7 0.0 33.1

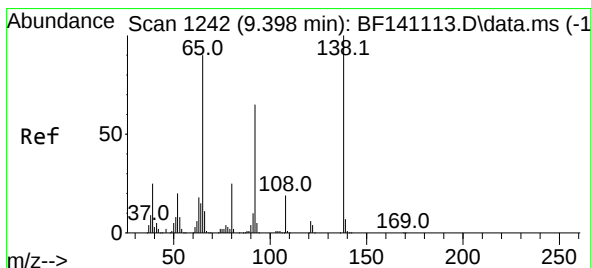
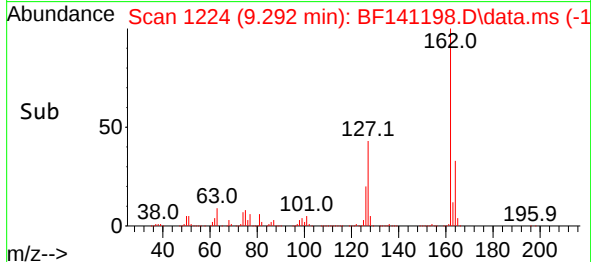
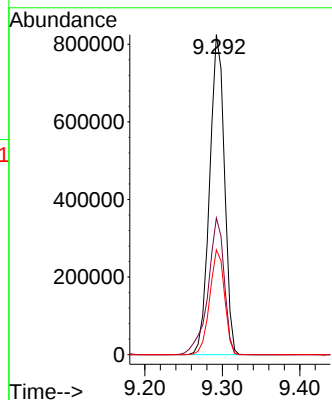
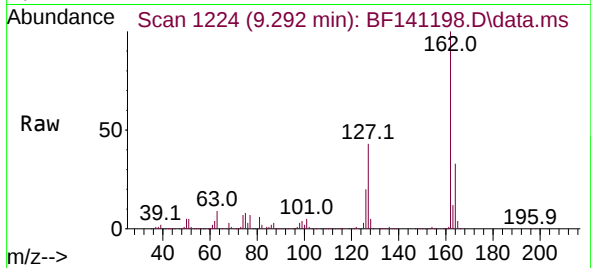




#47
2-Chloronaphthalene
Concen: 42.646 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

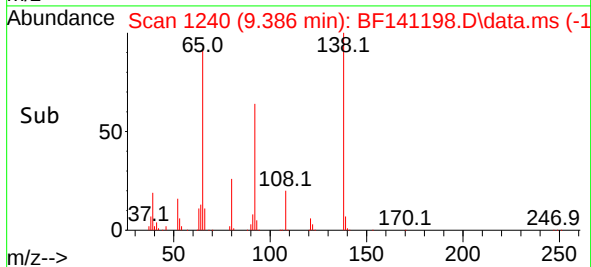
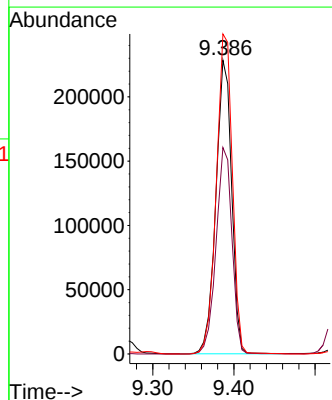
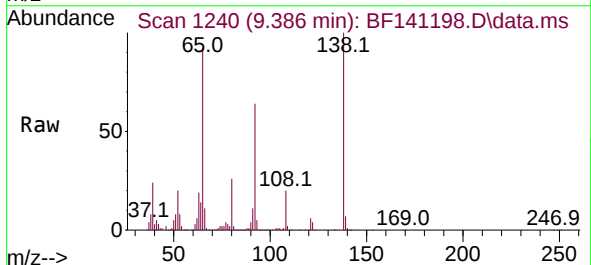
Instrument :
BNA_F
ClientSampleId :
366MS

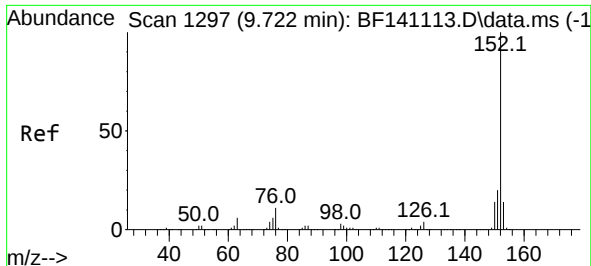
Tgt Ion:162 Resp: 1096637
Ion Ratio Lower Upper
162 100
127 42.8 34.6 51.8
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 40.508 ng
RT: 9.386 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion: 65 Resp: 308780
Ion Ratio Lower Upper
65 100
92 70.2 58.3 87.5
138 108.9 89.1 133.7





#49

Acenaphthylene

Concen: 45.134 ng

RT: 9.710 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

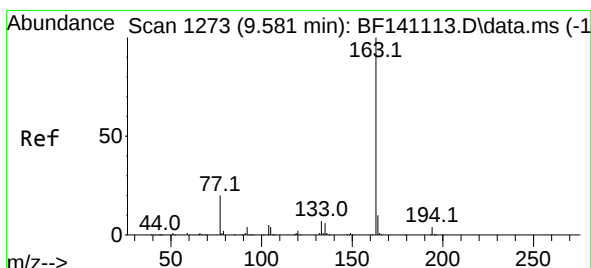
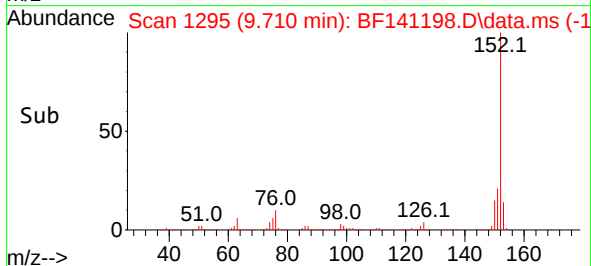
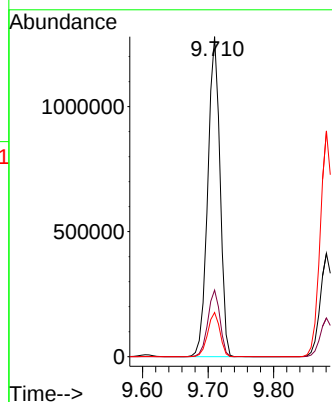
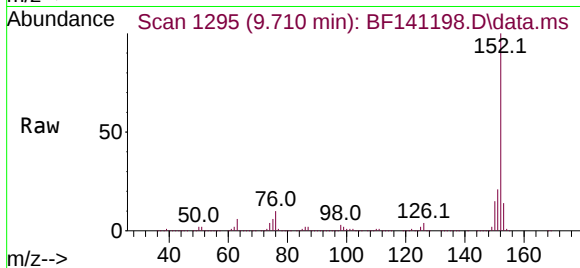
Tgt Ion:152 Resp: 1658150

Ion Ratio Lower Upper

152 100

151 20.8 16.1 24.1

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 46.446 ng

RT: 9.575 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

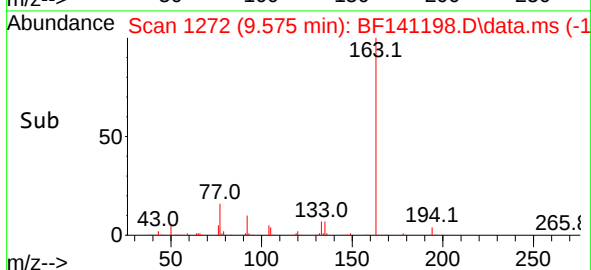
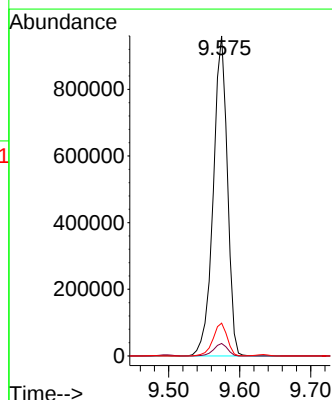
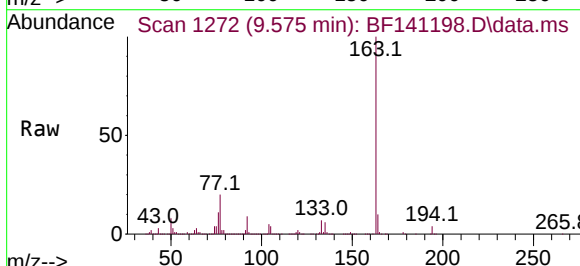
Tgt Ion:163 Resp: 1325573

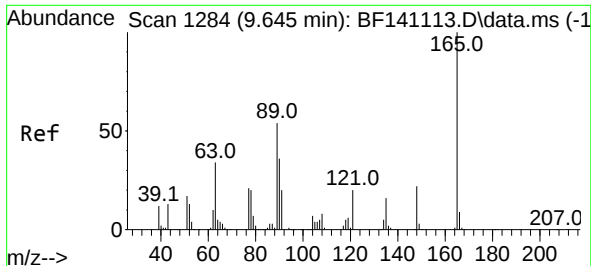
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.2 8.2 12.4

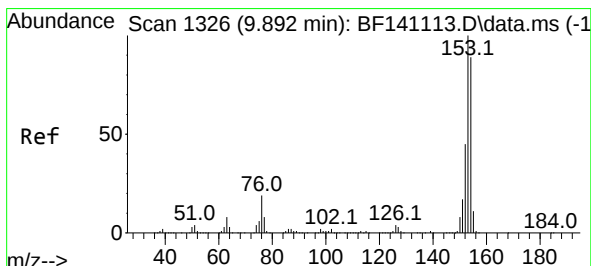
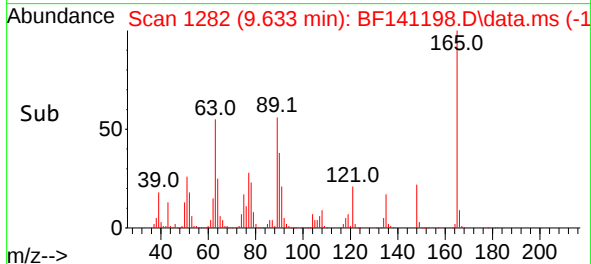
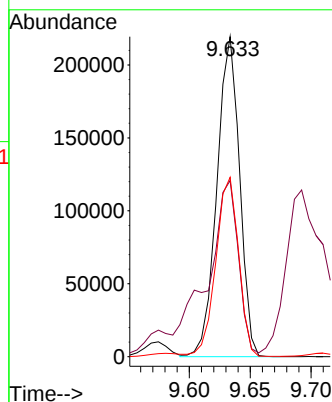
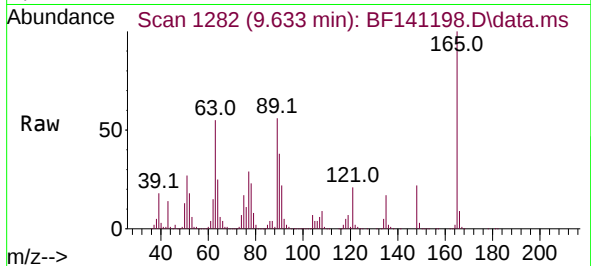




#51
2,6-Dinitrotoluene
Concen: 42.836 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

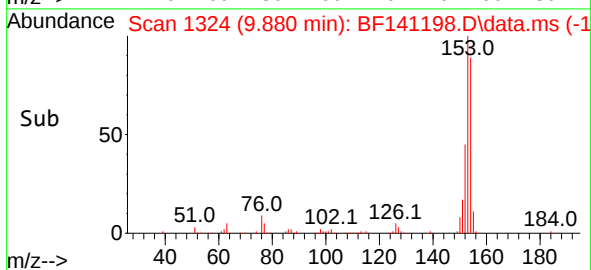
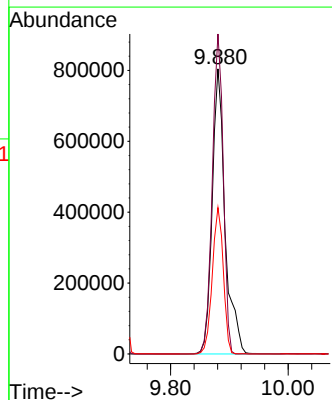
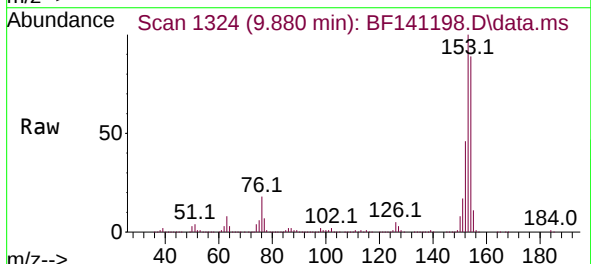
Instrument :
BNA_F
ClientSampleId :
366MS

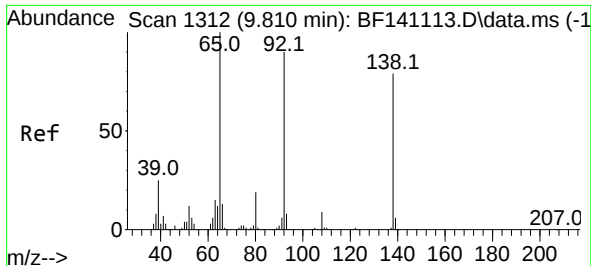
Tgt Ion:165 Resp: 284302
Ion Ratio Lower Upper
165 100
63 55.1 42.3 63.5
89 56.1 43.1 64.7



#52
Acenaphthene
Concen: 47.783 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:154 Resp: 1226462
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 51.4 40.8 61.2

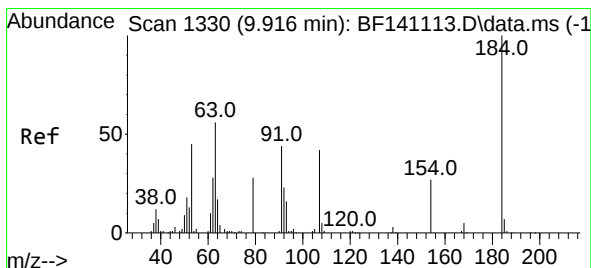
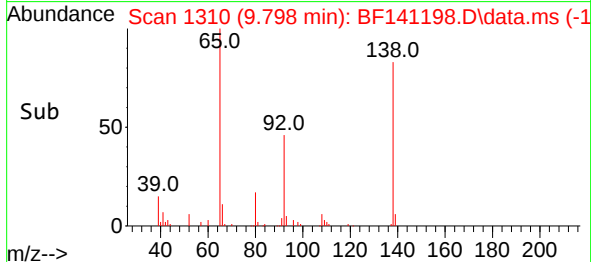
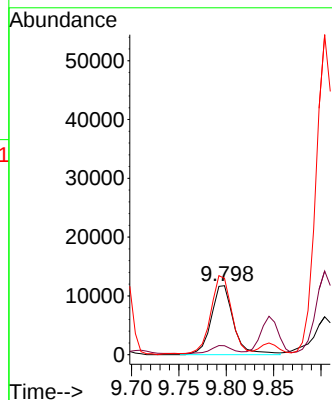
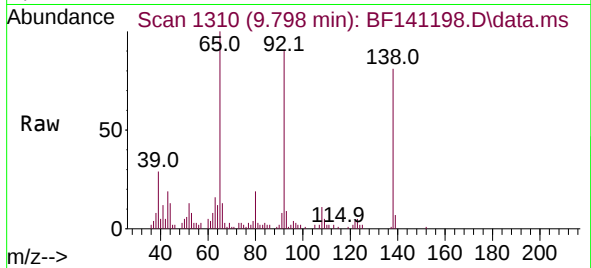




#53
3-Nitroaniline
Concen: 2.863 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

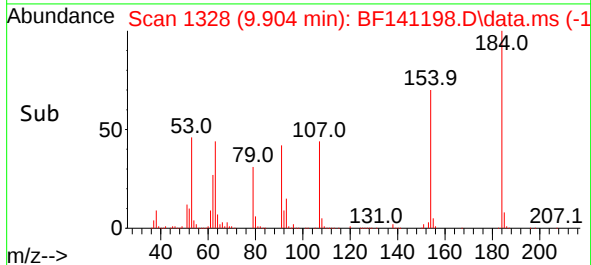
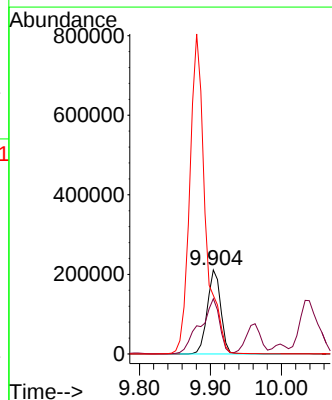
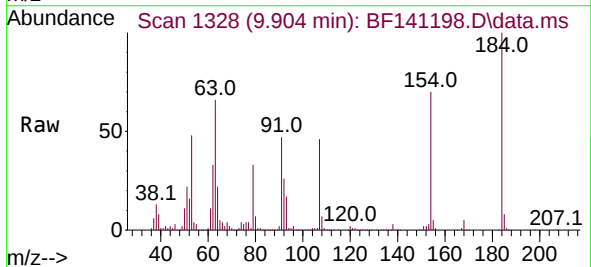
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BNA_F
ClientSampleId :
366MS

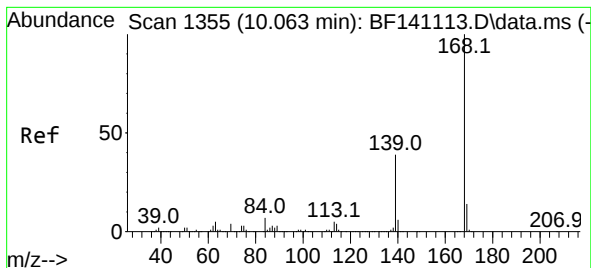
Tgt Ion:138 Resp: 19311
Ion Ratio Lower Upper
138 100
108 12.9 8.8 13.2
92 110.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 88.387 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:184 Resp: 278830
Ion Ratio Lower Upper
184 100
63 65.7 48.7 73.1
154 69.7 57.1 85.7

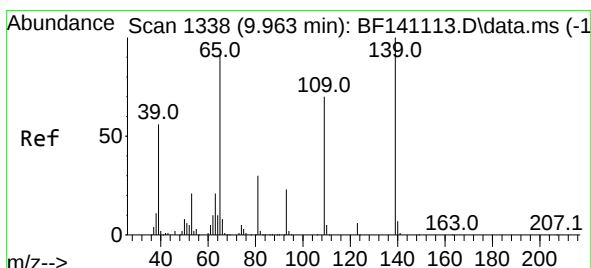
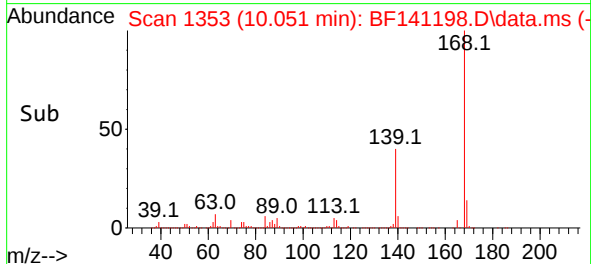
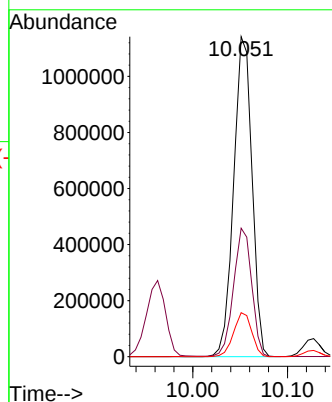
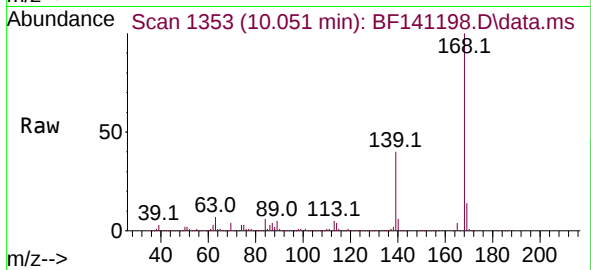




#55
Dibenzenofuran
Concen: 43.873 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

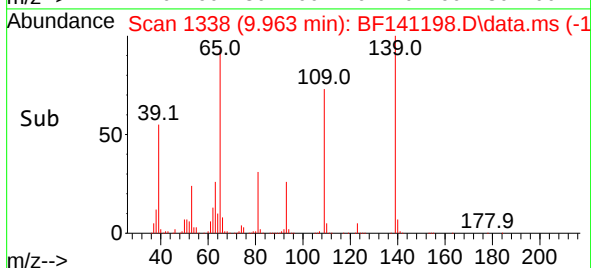
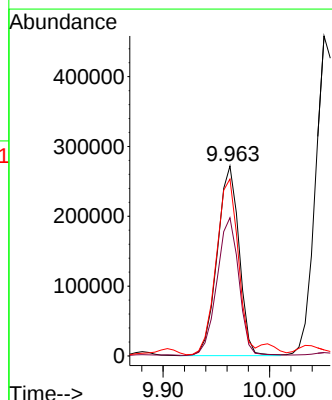
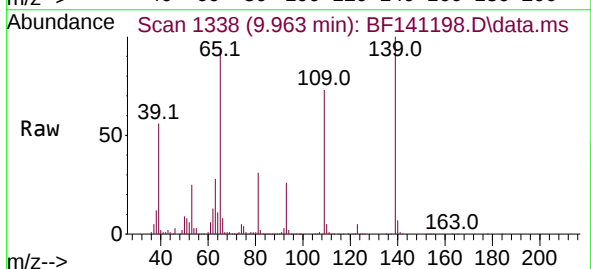
Instrument :
BNA_F
ClientSampleId :
366MS

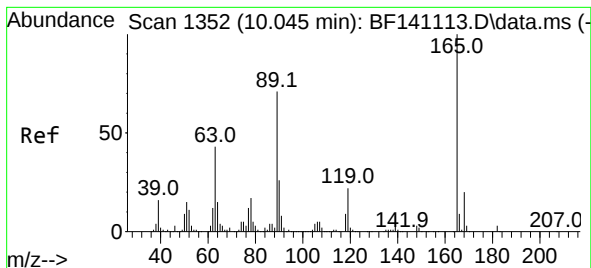
Tgt Ion:168 Resp: 1531716
Ion Ratio Lower Upper
168 100
139 40.1 31.4 47.0
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 73.035 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:139 Resp: 385775
Ion Ratio Lower Upper
139 100
109 72.8 50.2 90.2
65 93.2 72.1 112.1

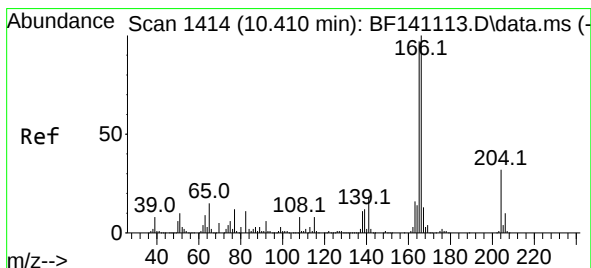
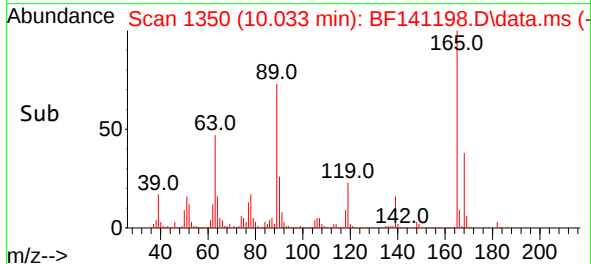
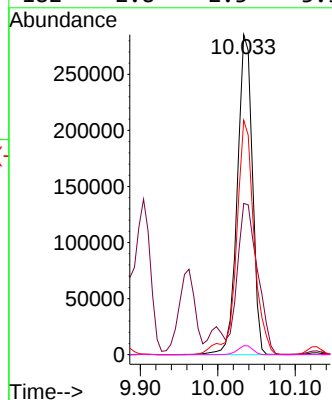
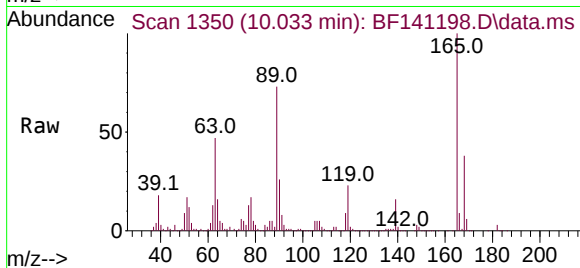




#57
2,4-Dinitrotoluene
Concen: 45.075 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

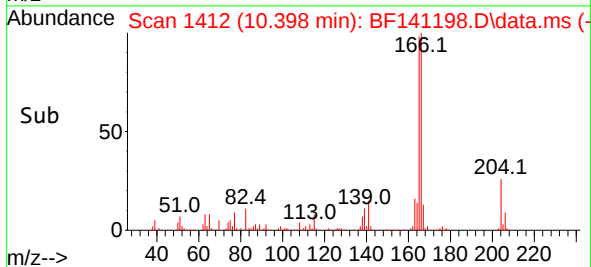
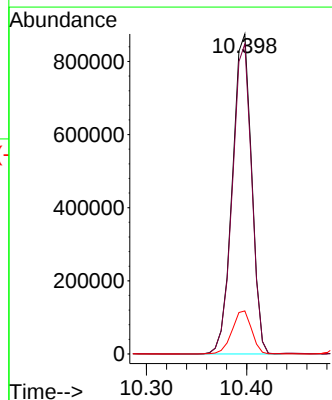
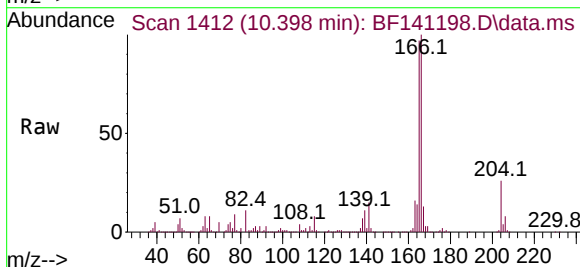
Instrument :
BNA_F
ClientSampleId :
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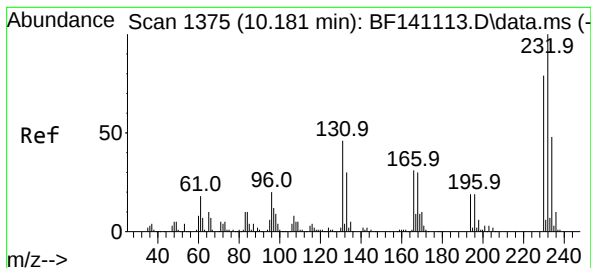
Tgt Ion:165 Resp: 385532
Ion Ratio Lower Upper
165 100
63 47.3 35.0 52.4
89 73.3 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.132 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:166 Resp: 1169900
Ion Ratio Lower Upper
166 100
165 96.9 77.8 116.8
167 13.5 10.8 16.2

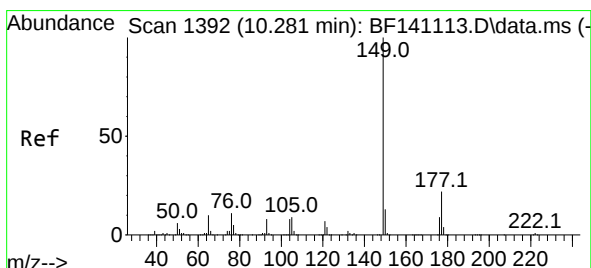
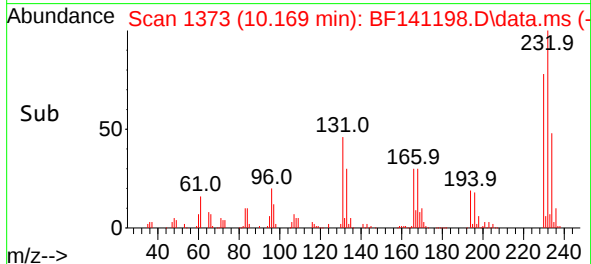
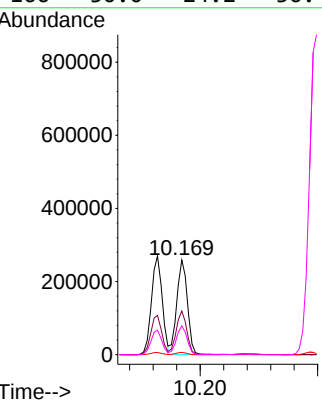
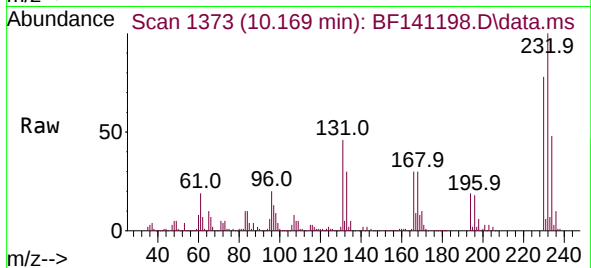




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.506 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

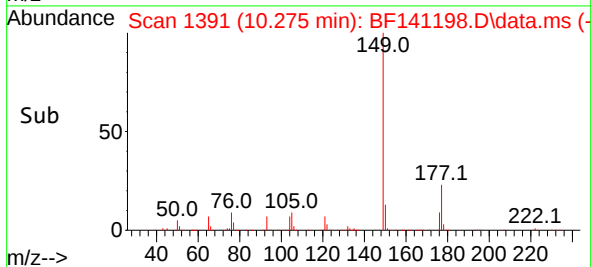
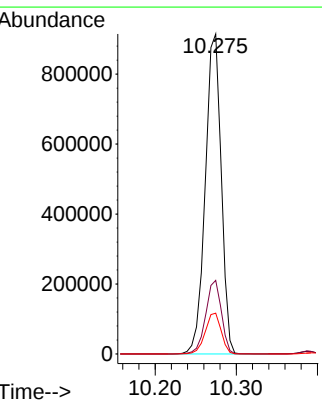
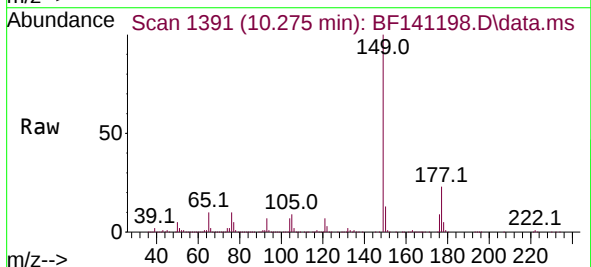
Instrument :
BNA_F
ClientSampleId :
366MS

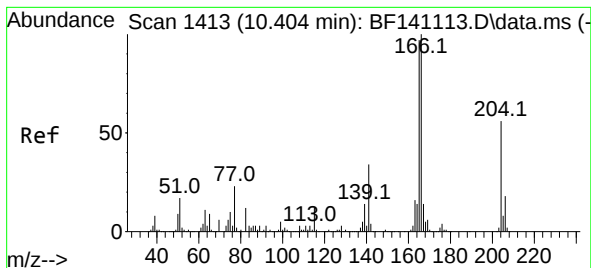
Tgt Ion:232 Resp: 328753
Ion Ratio Lower Upper
232 100
131 45.5 36.2 54.4
130 2.4 2.0 3.0
166 30.0 24.2 36.4



#60
Diethylphthalate
Concen: 44.791 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:149 Resp: 1247979
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.7 10.2 15.2

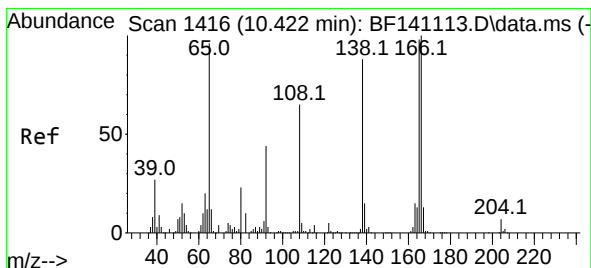
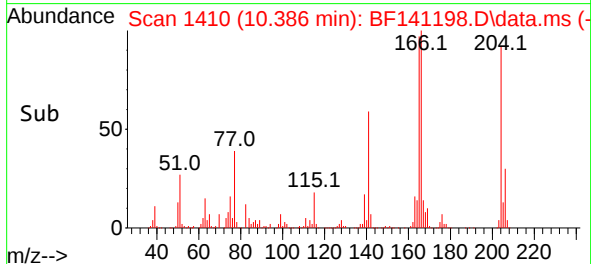
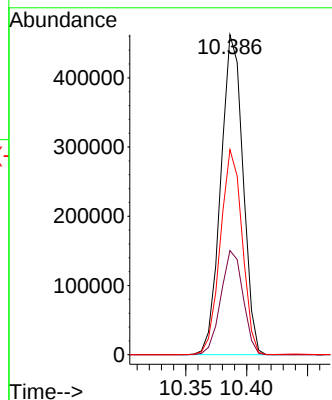
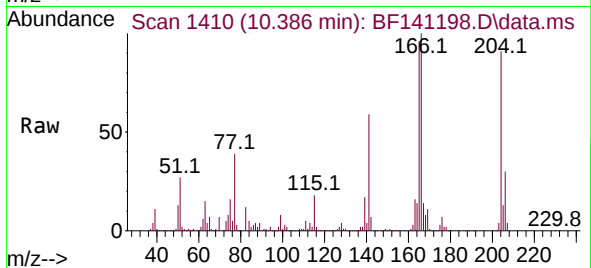




#61
4-Chlorophenyl-phenylether
Concen: 44.305 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

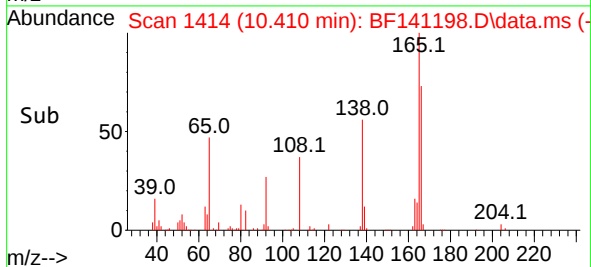
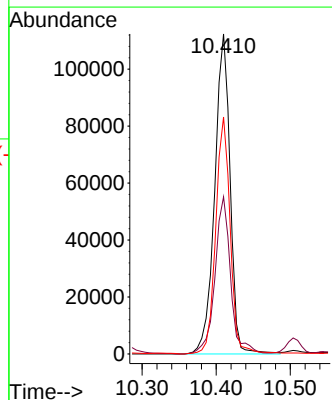
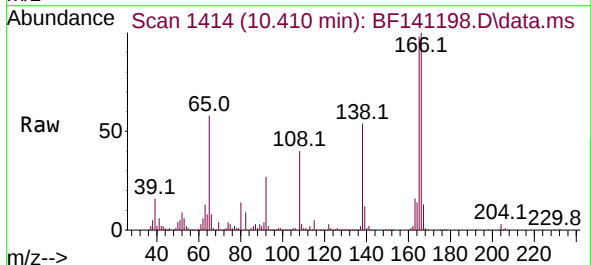
Instrument :
BNA_F
ClientSampleId :
366MS

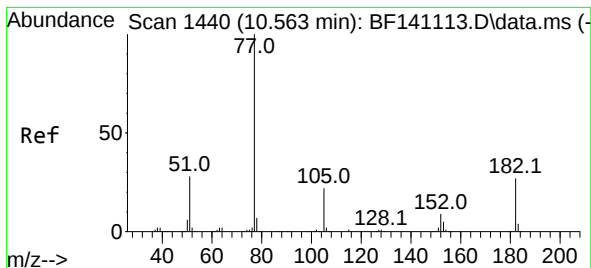
Tgt Ion:204 Resp: 585702
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 64.1 49.1 73.7



#62
4-Nitroaniline
Concen: 24.654 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:138 Resp: 162748
Ion Ratio Lower Upper
138 100
92 49.1 29.4 69.4
108 74.0 53.7 93.7



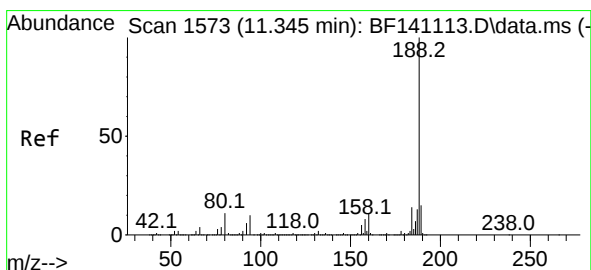
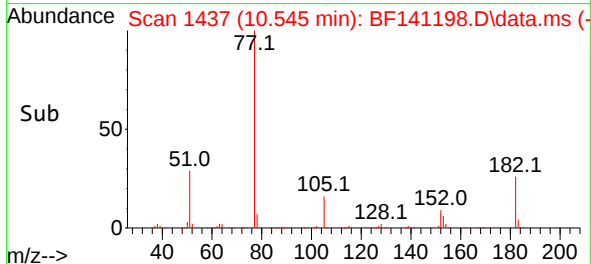
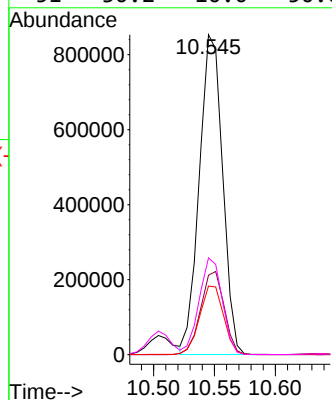
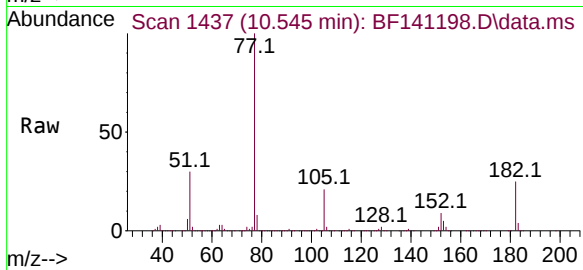


#63
Azobenzene
Concen: 41.200 ng
RT: 10.545 min Scan# 1440
Delta R.T. -0.018 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Instrument :
BNA_F
ClientSampleId :
366MS

Tgt Ion: 77 Resp: 1132685

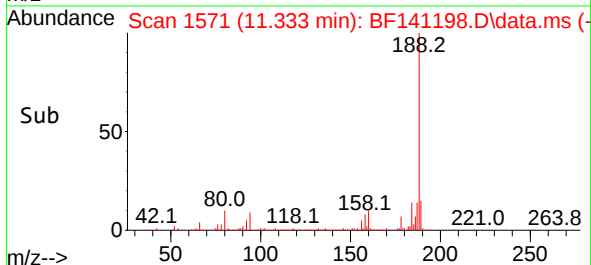
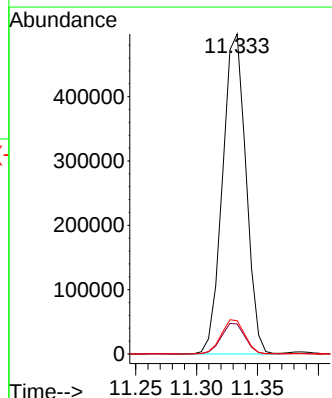
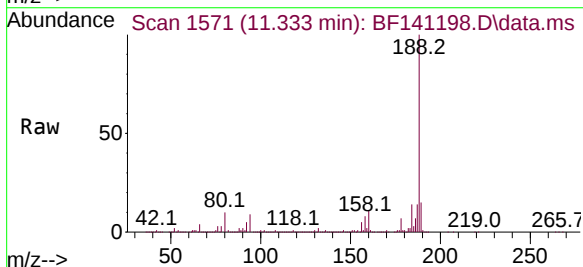
Ion	Ratio	Lower	Upper
77	100		
182	24.9	6.1	46.1
105	21.5	2.1	42.1
51	30.2	10.0	50.0

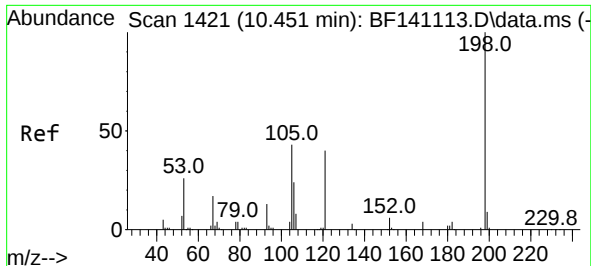


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion: 188 Resp: 665752

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.3	12.5
80	10.4	9.0	13.4

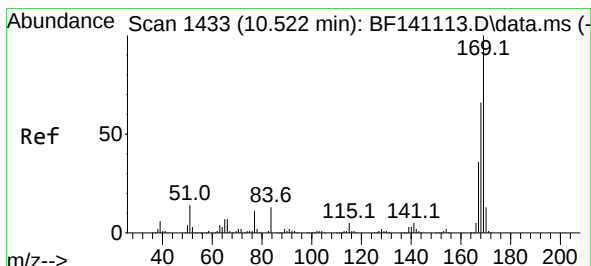
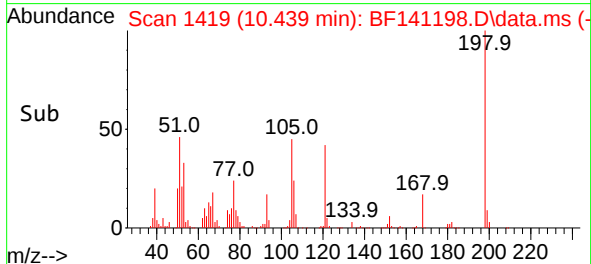
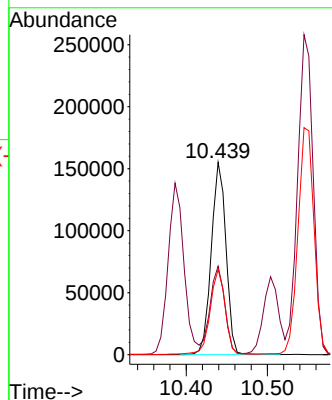
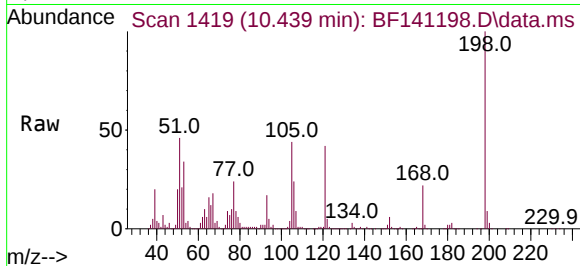




#65
4,6-Dinitro-2-methylphenol
Concen: 50.460 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

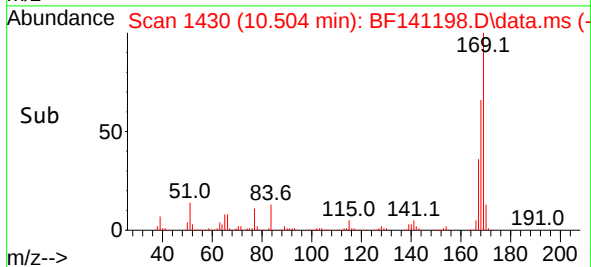
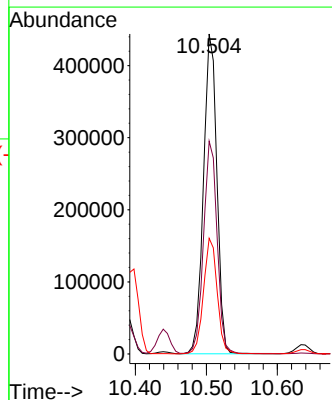
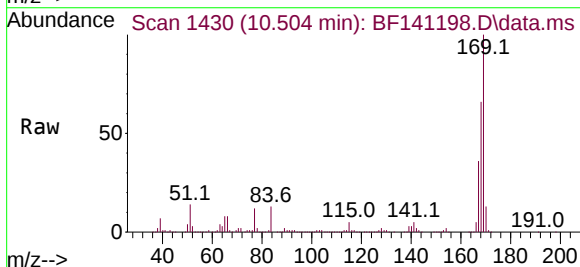
Instrument :
BNA_F
ClientSampleId :
366MS

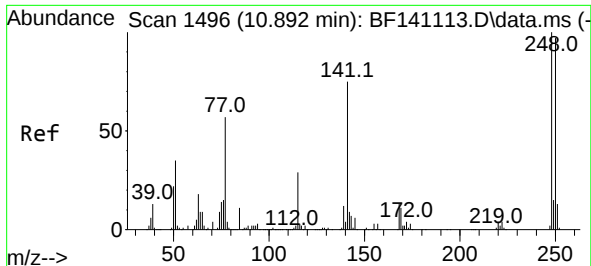
Tgt Ion:198 Resp: 194665
Ion Ratio Lower Upper
198 100
51 46.0 27.1 67.1
105 44.4 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 27.150 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:169 Resp: 582999
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 36.2 28.9 43.3

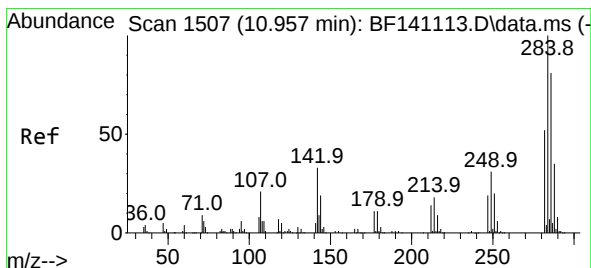
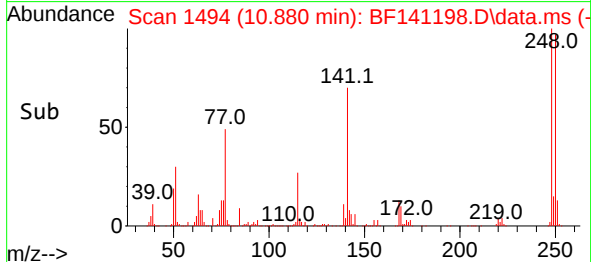
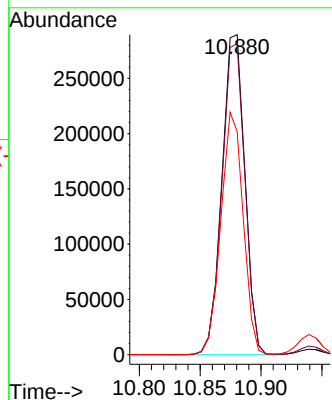
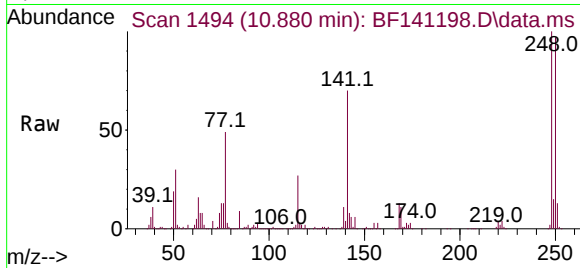




#67
4-Bromophenyl-phenylether
Concen: 49.582 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

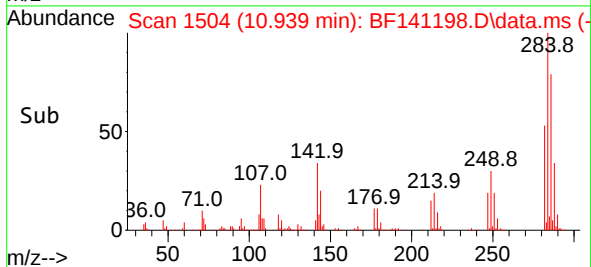
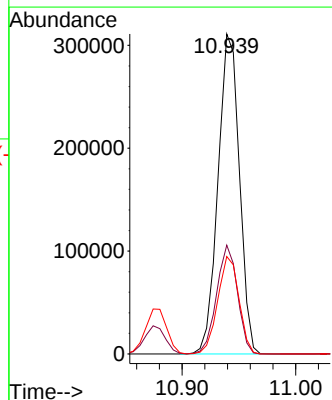
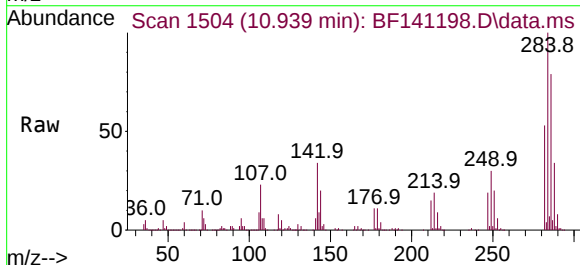
Instrument :
BNA_F
ClientSampleId :
366MS

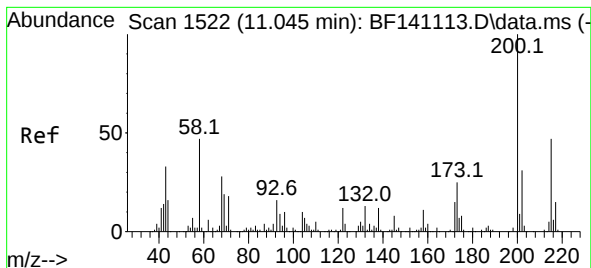
Tgt Ion:248 Resp: 380033
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 69.6 59.9 89.9



#68
Hexachlorobenzene
Concen: 47.697 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:284 Resp: 406965
Ion Ratio Lower Upper
284 100
142 34.0 26.3 39.5
249 30.4 24.9 37.3





#69

Atrazine

Concen: 23.747 ng

RT: 11.033 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

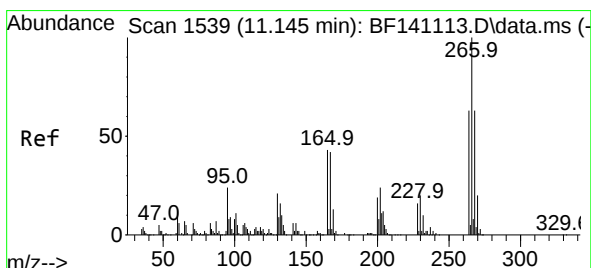
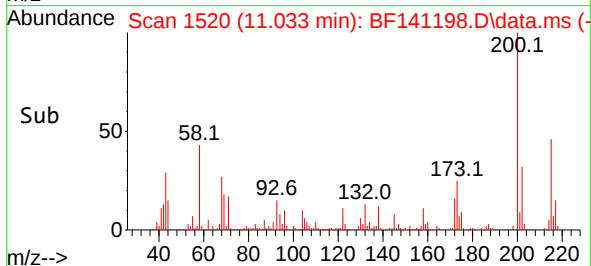
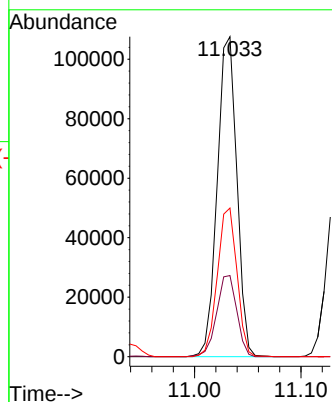
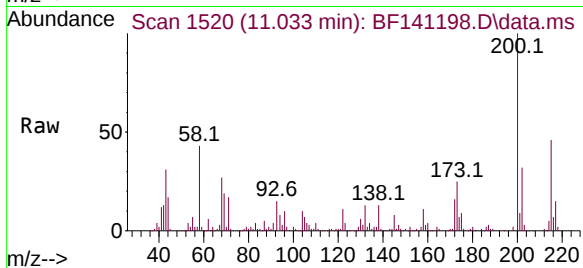
Tgt Ion:200 Resp: 137302

Ion Ratio Lower Upper

200 100

173 25.3 5.4 45.4

215 46.4 26.6 66.6



#70

Pentachlorophenol

Concen: 87.327 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

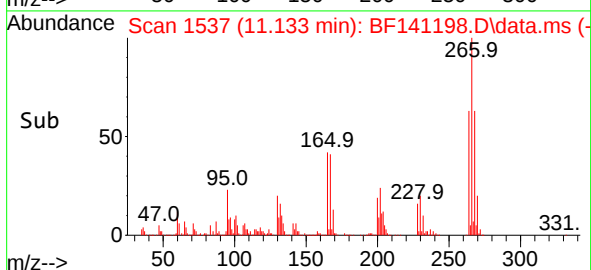
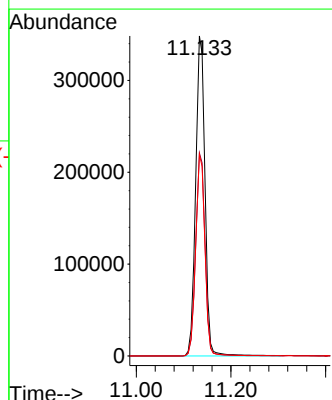
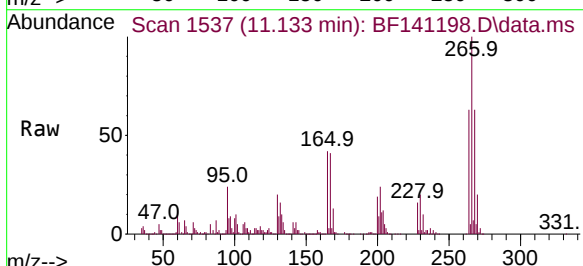
Tgt Ion:266 Resp: 477165

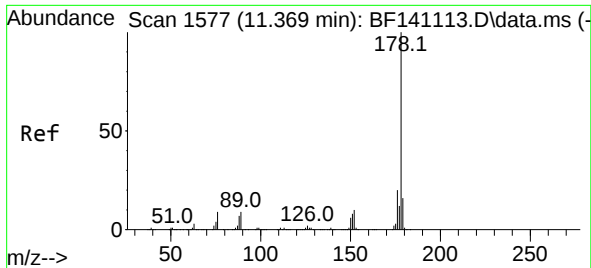
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 63.0 50.2 75.2

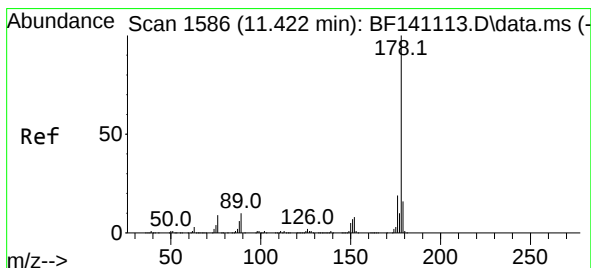
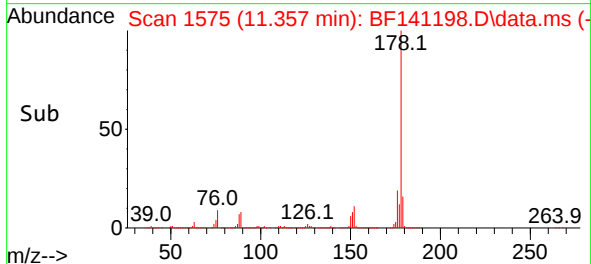
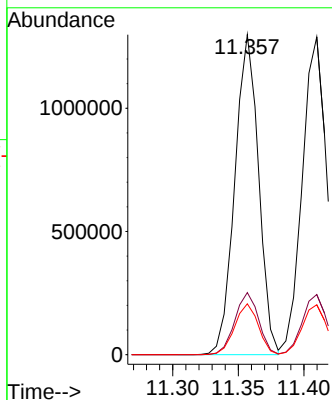
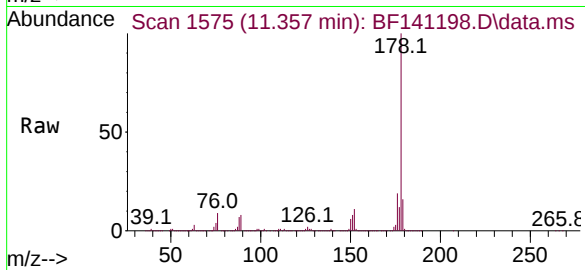




#71
Phenanthrene
Concen: 45.826 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

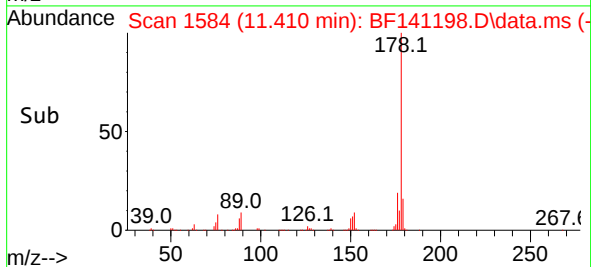
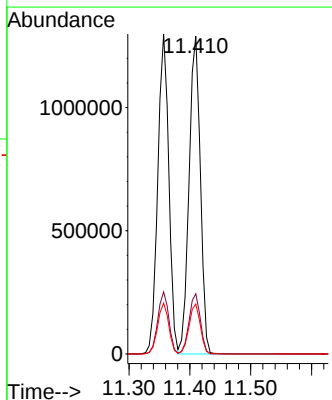
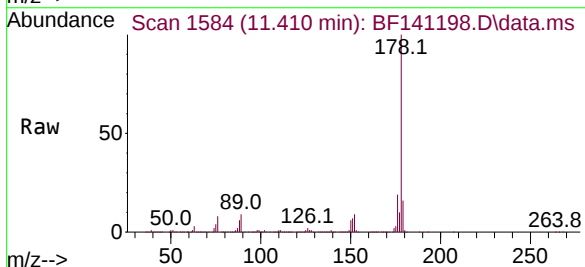
Instrument :
BNA_F
ClientSampleId :
366MS

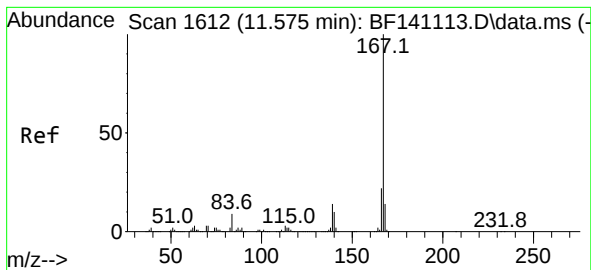
Tgt Ion:178 Resp: 1637904
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.9 12.6 19.0



#72
Anthracene
Concen: 47.755 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:178 Resp: 1659681
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.6 19.0





#73

Carbazole

Concen: 31.094 ng

RT: 11.563 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

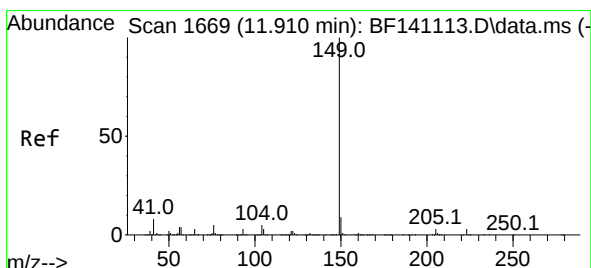
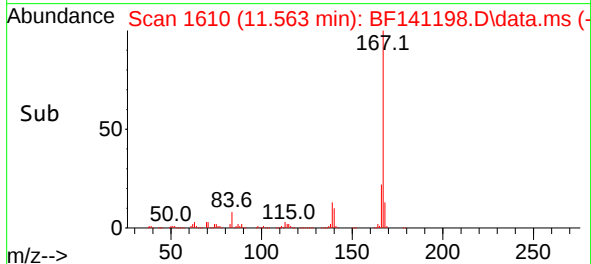
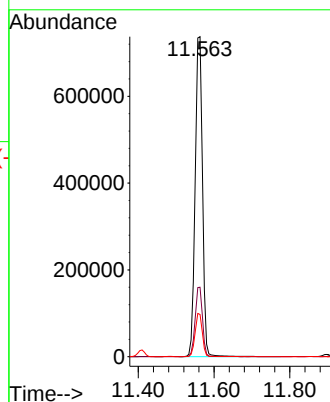
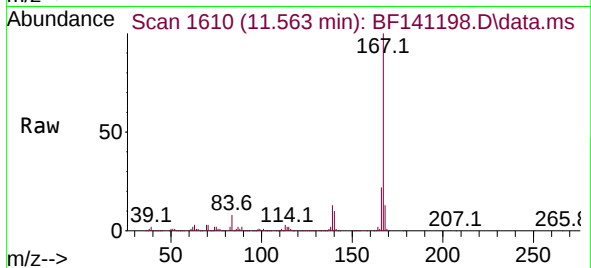
Tgt Ion:167 Resp: 990883

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.2 10.9 16.3



#74

Di-n-butylphthalate

Concen: 49.369 ng

RT: 11.898 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

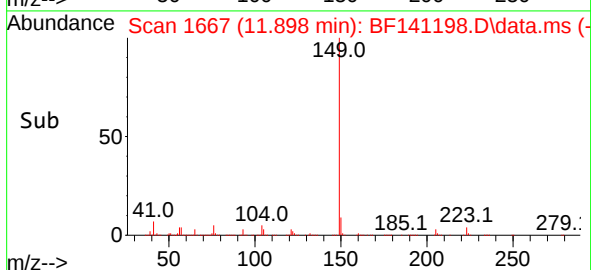
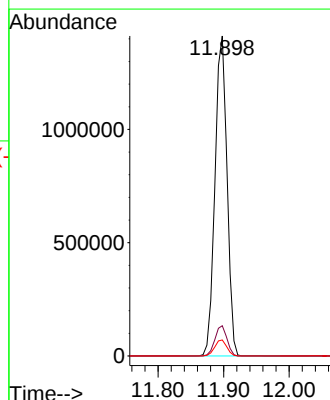
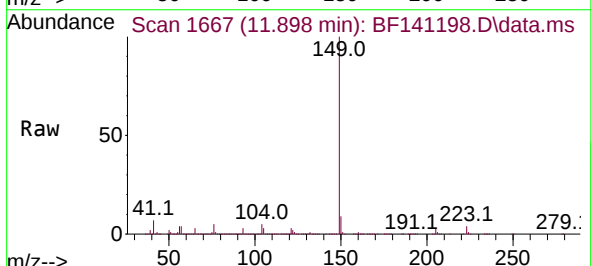
Tgt Ion:149 Resp: 1800436

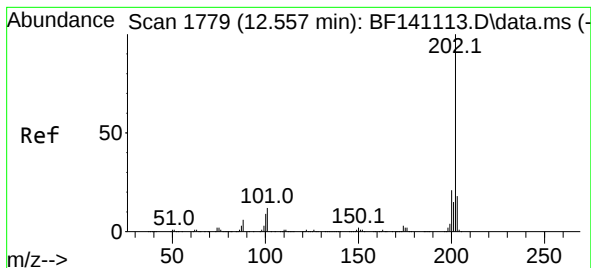
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 39.527 ng

RT: 12.545 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

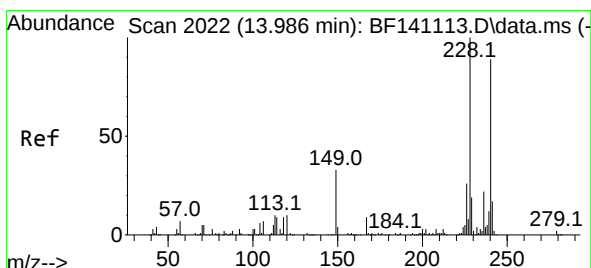
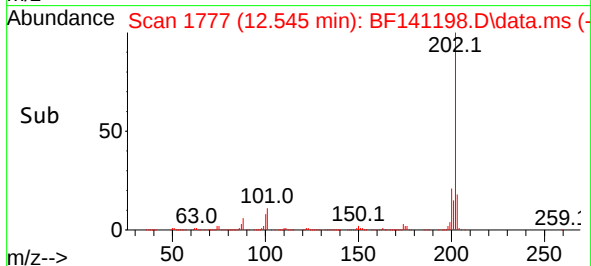
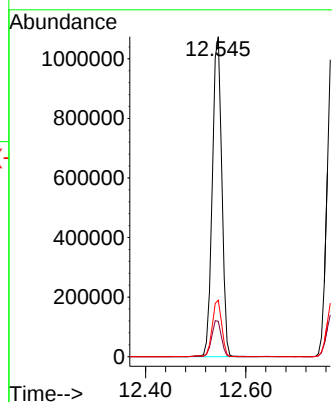
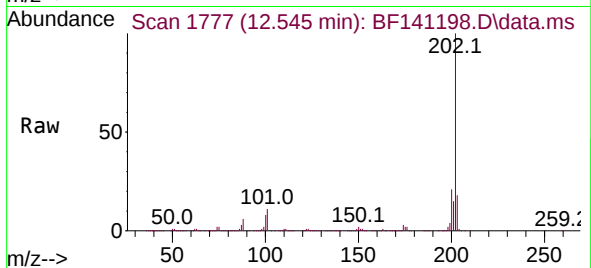
Tgt Ion:202 Resp: 1409807

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.3

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

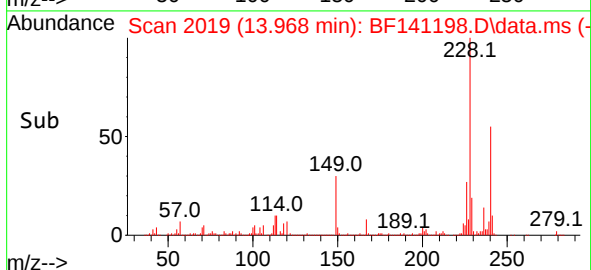
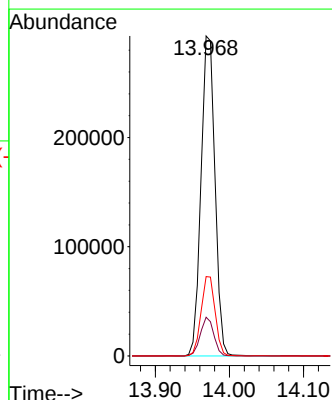
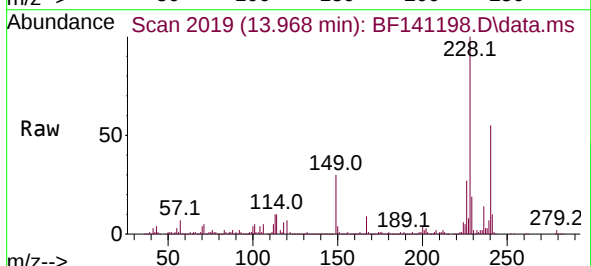
Tgt Ion:240 Resp: 383734

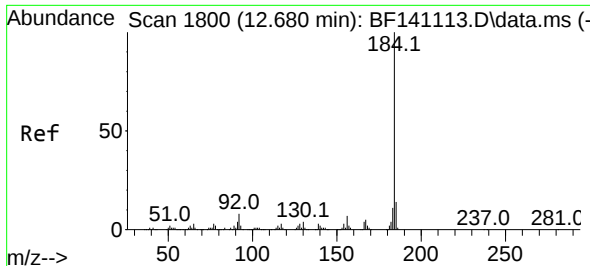
Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

236 24.8 19.8 29.6

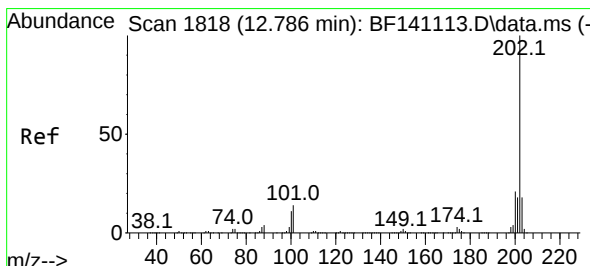
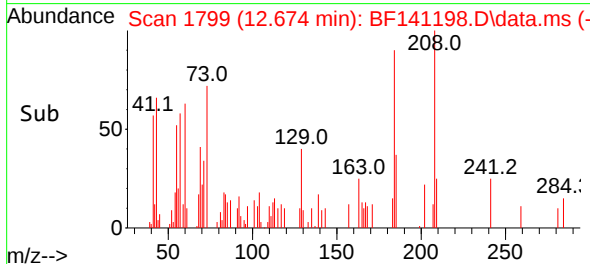
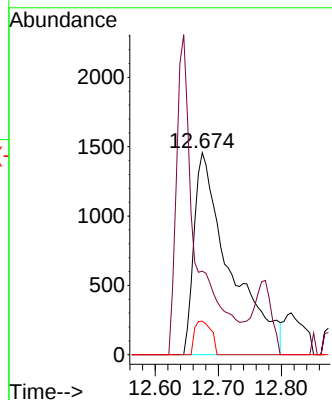
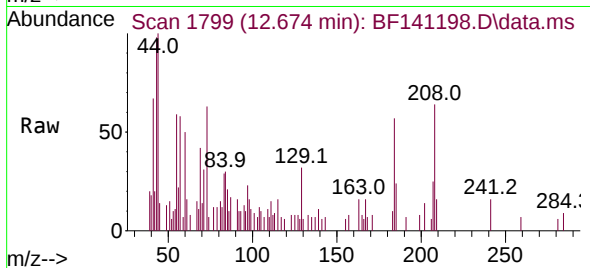




#77
Benzidine
Concen: 0.812 ng
RT: 12.674 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

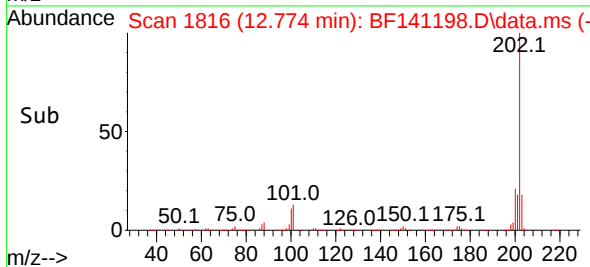
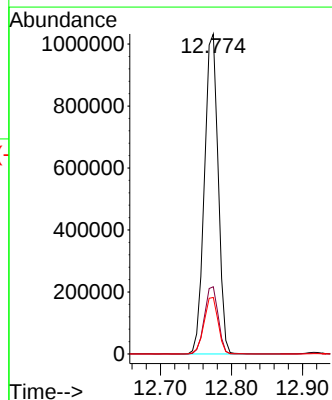
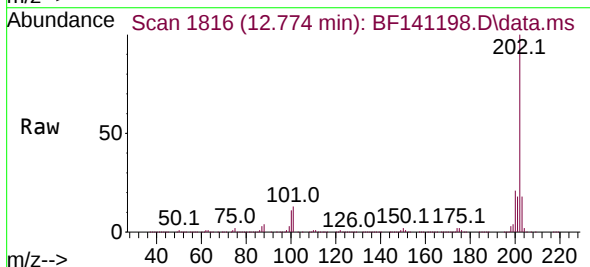
Instrument :
BNA_F
ClientSampleId :
366MS

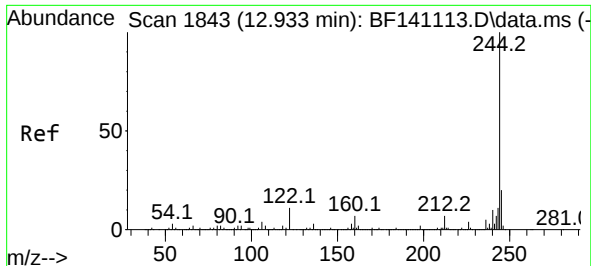
Tgt Ion:184 Resp: 5778
Ion Ratio Lower Upper
184 100
185 41.4 11.4 17.0#
183 16.6 9.2 13.8#



#78
Pyrene
Concen: 37.893 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:202 Resp: 1388824
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.7 14.3 21.5

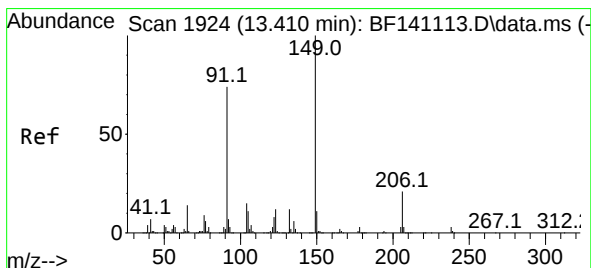
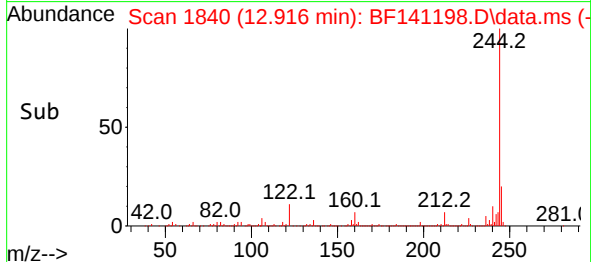
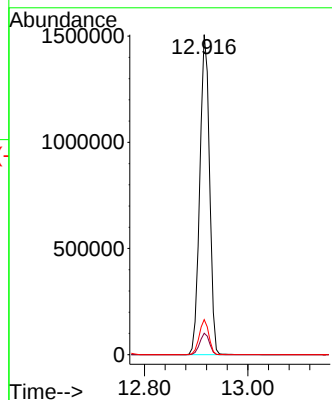
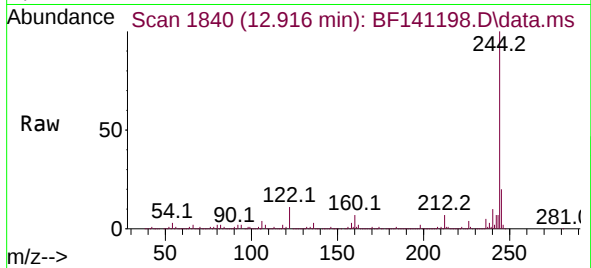




#79
 Terphenyl-d14
 Concen: 76.167 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF141198.D
 Acq: 17 Jan 2025 17:41

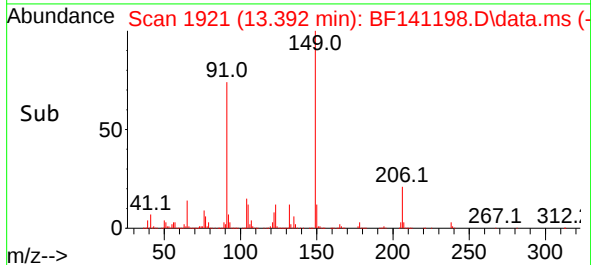
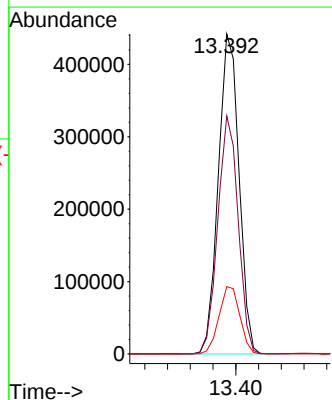
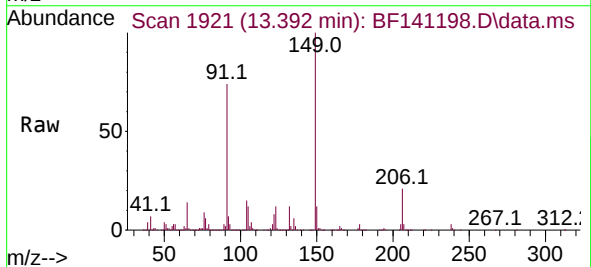
Instrument :
 BNA_F
 ClientSampleId :
 366MS

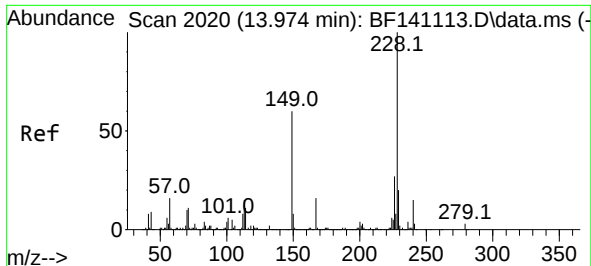
Tgt Ion:244 Resp: 1966468
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 45.783 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.018 min
 Lab File: BF141198.D
 Acq: 17 Jan 2025 17:41

Tgt Ion:149 Resp: 559463
 Ion Ratio Lower Upper
 149 100
 91 74.4 59.0 88.6
 206 21.0 16.5 24.7

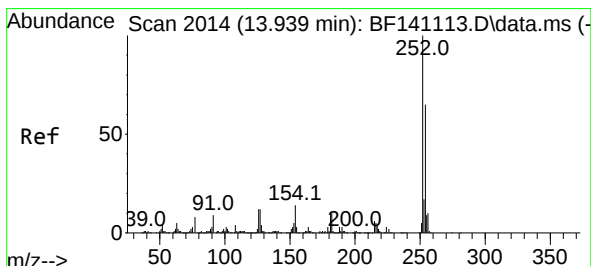
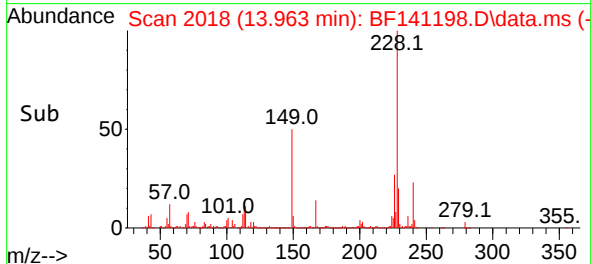
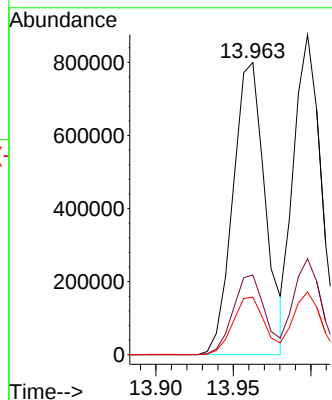
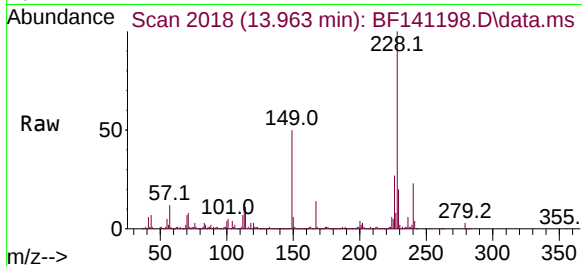




#81
Benzo(a)anthracene
Concen: 44.310 ng
RT: 13.963 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

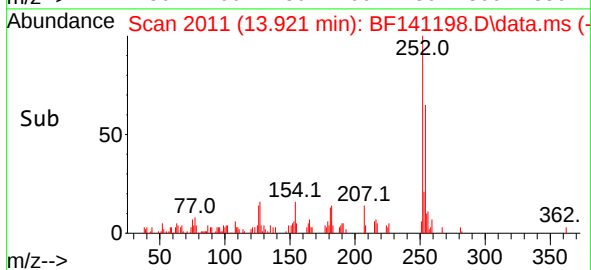
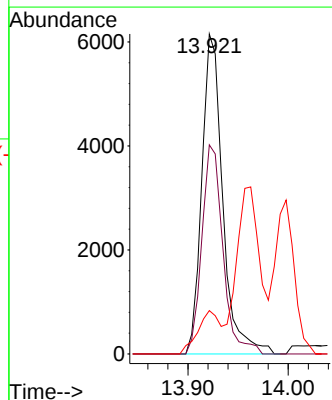
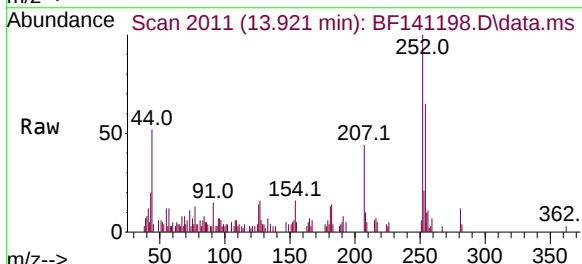
Instrument :
BNA_F
ClientSampleId :
366MS

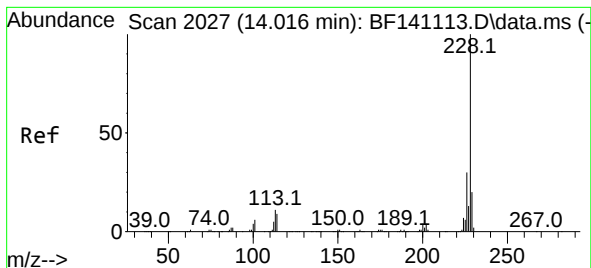
Tgt Ion:228 Resp: 1157165
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 1.072 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.018 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:252 Resp: 8916
Ion Ratio Lower Upper
252 100
254 65.4 52.0 78.0
126 13.6 9.4 14.0





#83

Chrysene

Concen: 43.885 ng

RT: 13.998 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

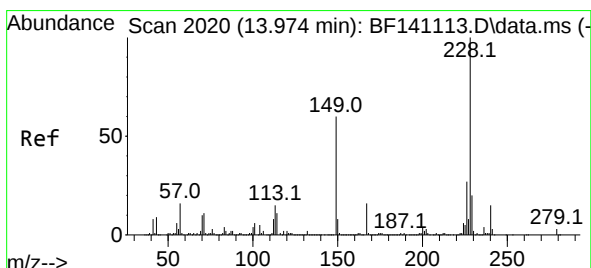
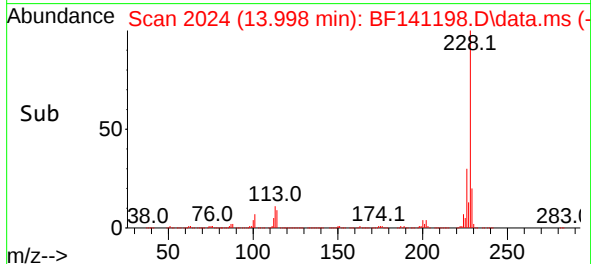
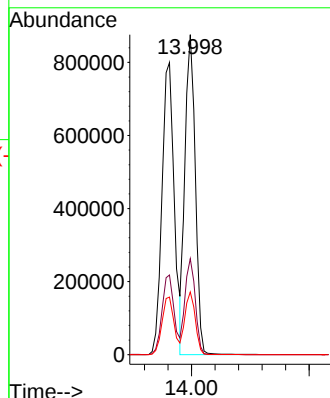
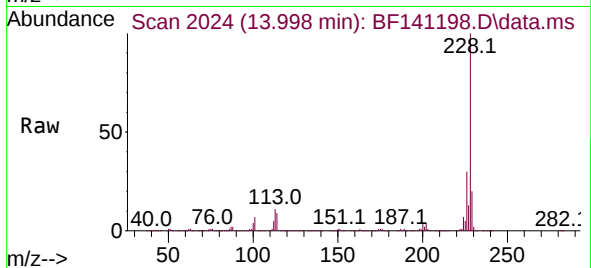
Tgt Ion:228 Resp: 1072381

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.150 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

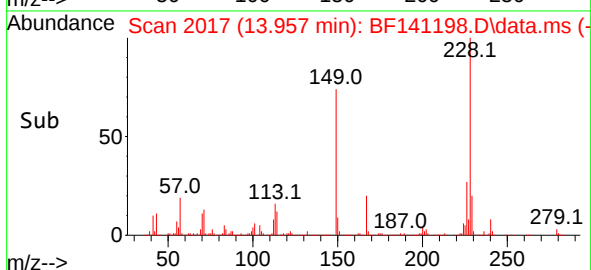
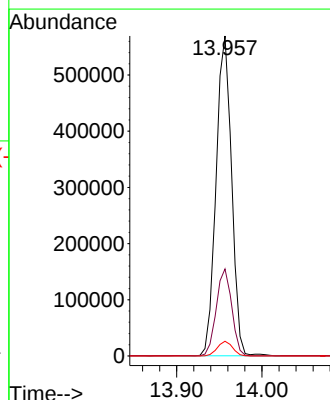
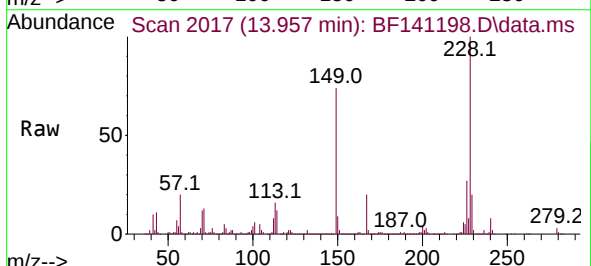
Tgt Ion:149 Resp: 720644

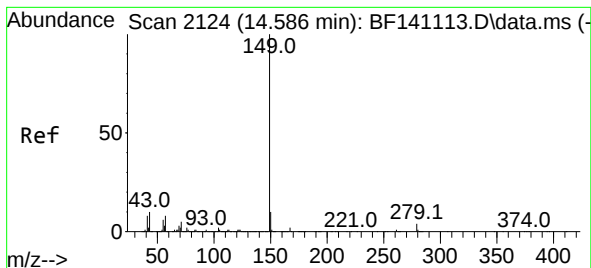
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 54.934 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

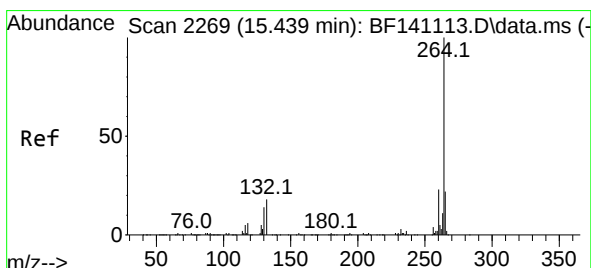
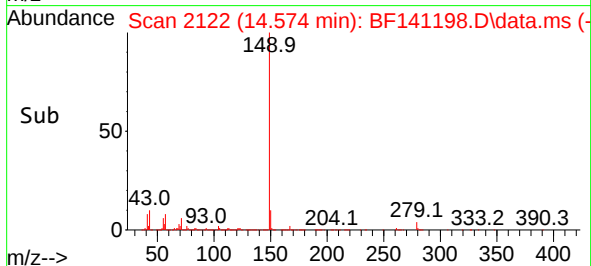
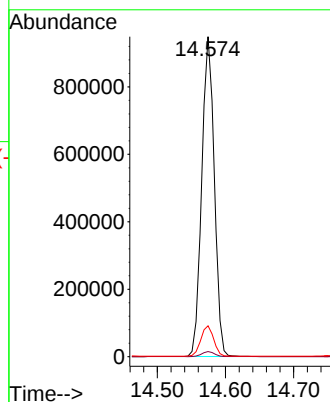
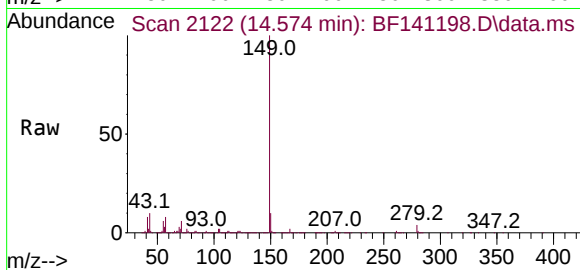
Tgt Ion:149 Resp: 1216275

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.7 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

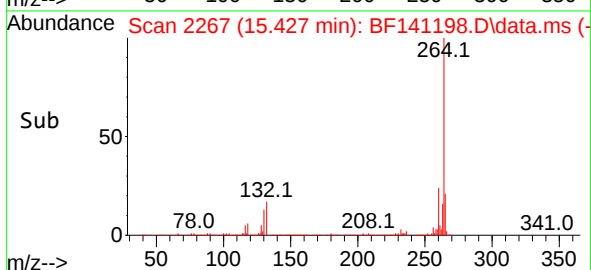
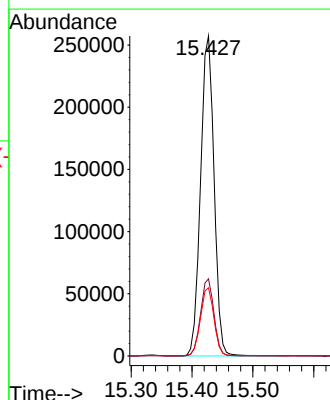
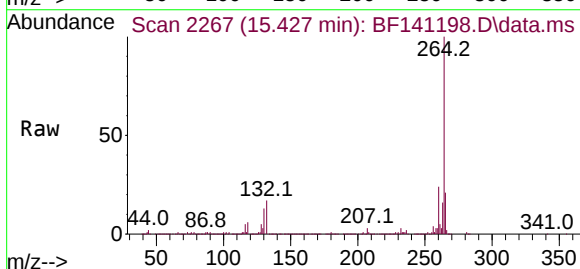
Tgt Ion:264 Resp: 396719

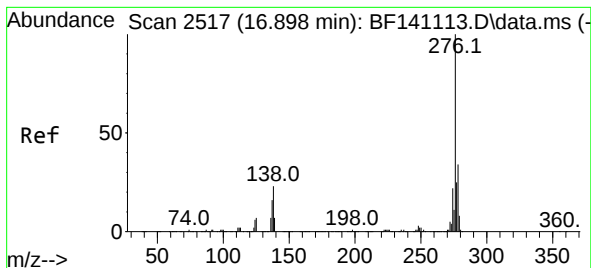
Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.739 ng

RT: 16.868 min Scan# 2195

Delta R.T. -0.029 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

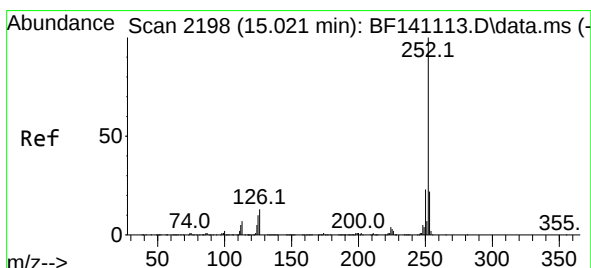
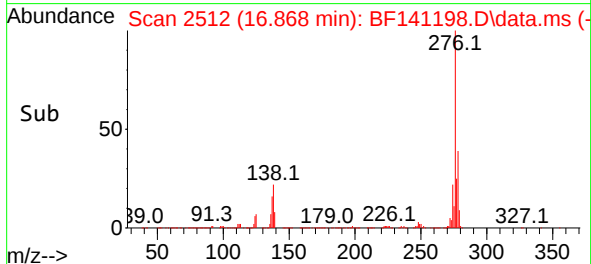
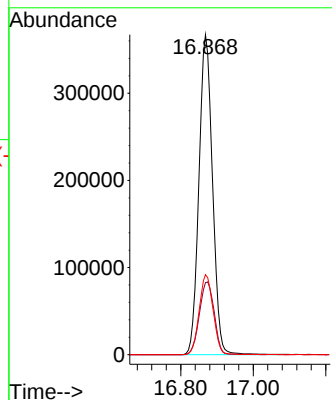
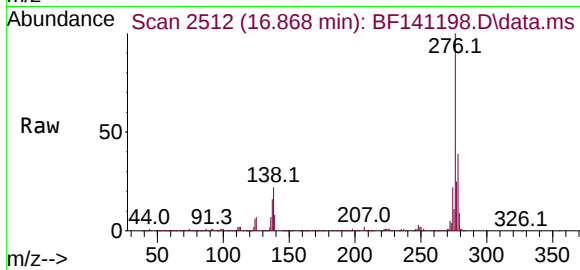
Tgt Ion:276 Resp: 951563

Ion Ratio Lower Upper

276 100

138 24.9 20.7 31.1

277 25.8 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 48.922 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

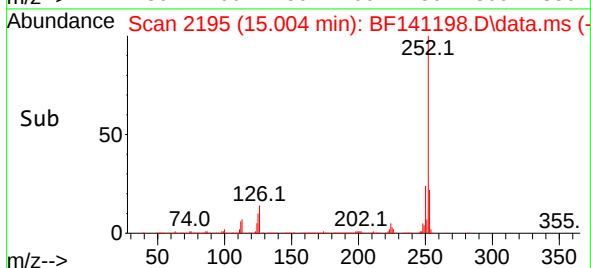
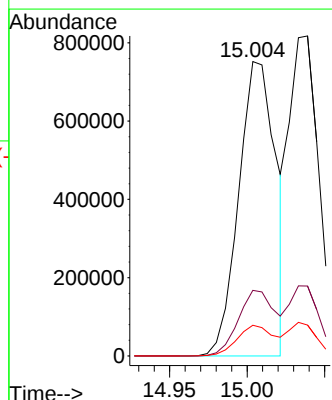
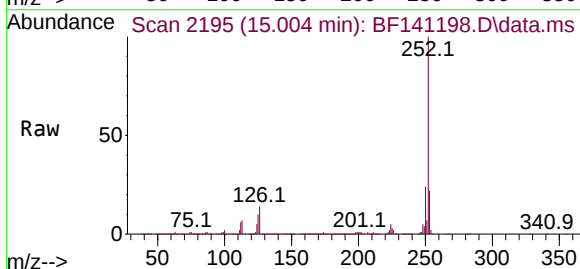
Tgt Ion:252 Resp: 1251516

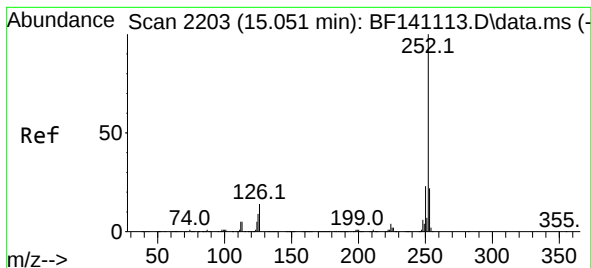
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 50.589 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

Instrument :

BNA_F

ClientSampleId :

366MS

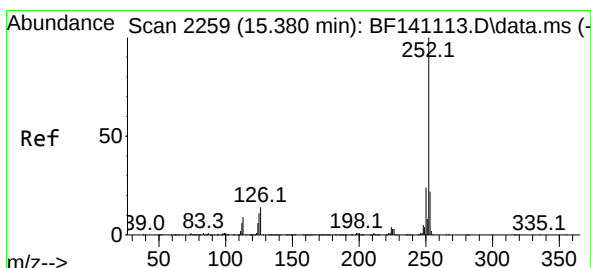
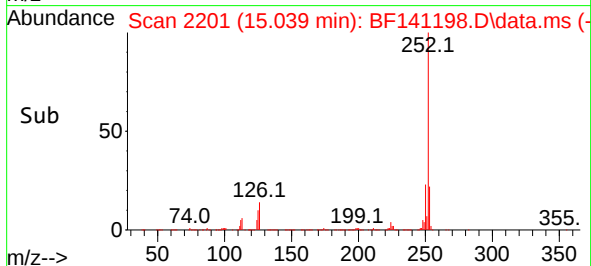
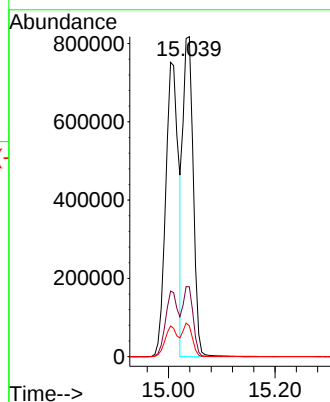
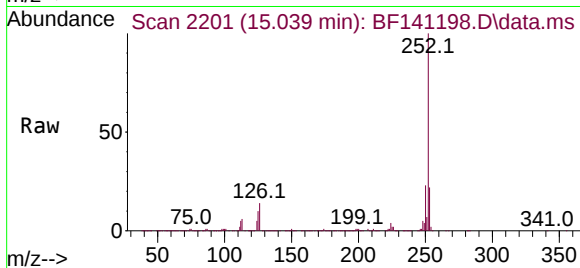
Tgt Ion:252 Resp: 1093678

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 9.6 7.9 11.9



#90

Benzo(a)pyrene

Concen: 51.243 ng

RT: 15.368 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF141198.D

Acq: 17 Jan 2025 17:41

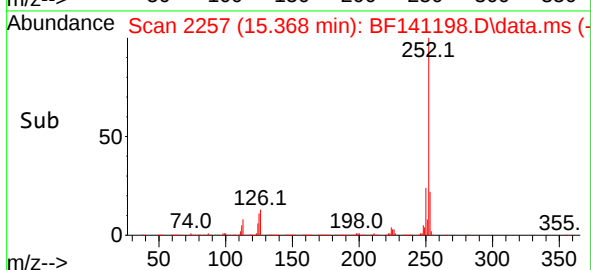
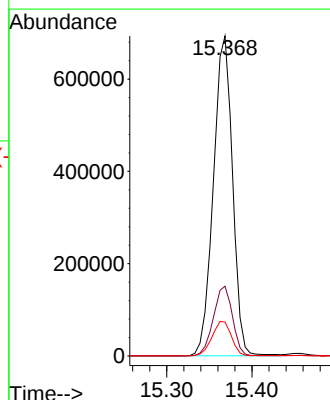
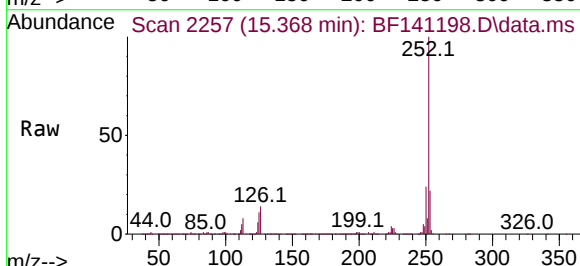
Tgt Ion:252 Resp: 1081557

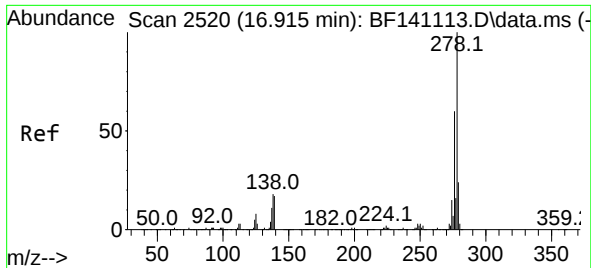
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.6 9.1 13.7

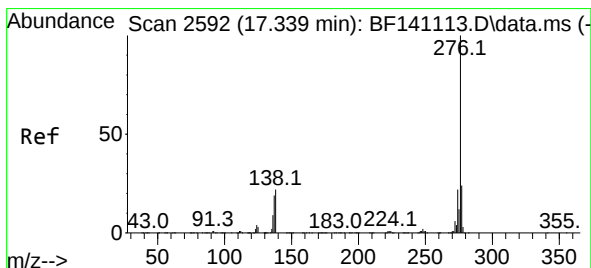
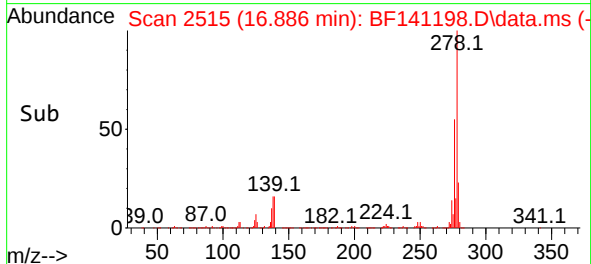
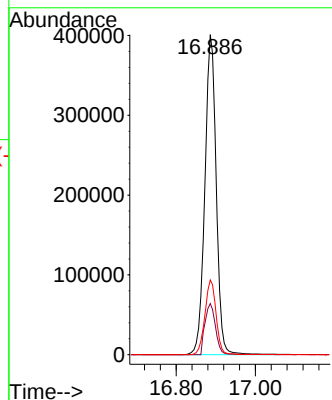
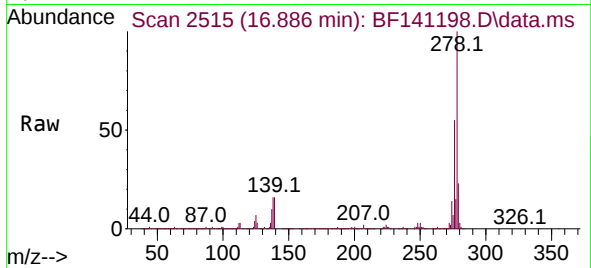




#91
Dibenzo(a,h)anthracene
Concen: 33.983 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Instrument :
BNA_F
ClientSampleId :
366MS

Tgt Ion:278 Resp: 798872
Ion Ratio Lower Upper
278 100
139 15.9 13.8 20.6
279 23.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 26.694 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.035 min
Lab File: BF141198.D
Acq: 17 Jan 2025 17:41

Tgt Ion:276 Resp: 652701
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 20.4 17.4 26.2

