

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141199.D
 Acq On : 17 Jan 2025 18:07
 Operator : RC/JU
 Sample : Q1115-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 366MSD

Quant Time: Jan 17 23:10:53 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	194434	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	769284	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	402350	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	637405	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	374444	20.000	ng	-0.01
86) Perylene-d12	15.427	264	360435	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1521040	120.848	ng	0.02
7) Phenol-d6	6.445	99	1817676	114.009	ng	0.00
23) Nitrobenzene-d5	7.375	82	1289404	88.848	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	644930	140.676	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2329550	88.414	ng	-0.01
79) Terphenyl-d14	12.916	244	1960947	77.837	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.746	88	199483	35.591	ng	Qvalue # 84
3) Pyridine	3.446	79	322315	23.450	ng	96
4) n-Nitrosodimethylamine	3.375	42	275043	40.926	ng	99
6) Aniline	6.475	93	82650	5.839	ng	# 1
8) 2-Chlorophenol	6.598	128	616175	45.630	ng	97
9) Benzaldehyde	6.363	77	54523	5.806	ng	97
10) Phenol	6.463	94	654430	38.346	ng	100
11) bis(2-Chloroethyl)ether	6.551	93	548872	43.154	ng	98
12) 1,3-Dichlorobenzene	6.751	146	583170	38.721	ng	99
13) 1,4-Dichlorobenzene	6.828	146	594967	39.202	ng	100
14) 1,2-Dichlorobenzene	6.981	146	571169	40.346	ng	99
15) Benzyl Alcohol	6.951	79	406689	35.322	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	759230	42.777	ng	94
17) 2-Methylphenol	7.069	107	484317	44.425	ng	98
18) Hexachloroethane	7.322	117	218558	39.822	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	419937	44.714	ng	99
20) 3+4-Methylphenols	7.222	107	589676	42.873	ng	# 80
22) Acetophenone	7.222	105	798688	43.673	ng	# 94
24) Nitrobenzene	7.398	77	623200	41.203	ng	98
25) Isophorone	7.634	82	1142072	46.049	ng	99
26) 2-Nitrophenol	7.710	139	322878	46.929	ng	99
27) 2,4-Dimethylphenol	7.745	122	493702	53.199	ng	98
28) bis(2-Chloroethoxy)met...	7.845	93	656173	42.158	ng	99
29) 2,4-Dichlorophenol	7.951	162	504036	45.730	ng	99
30) 1,2,4-Trichlorobenzene	8.034	180	511668	40.613	ng	100
31) Naphthalene	8.116	128	1703033	41.979	ng	100
32) Benzoic acid	7.869	122	361070	40.559	ng	98
33) 4-Chloroaniline	8.163	127	29599	2.110	ng	97
34) Hexachlorobutadiene	8.234	225	313153	41.251	ng	100
35) Caprolactam	8.534	113	87757	24.319	ng	99
36) 4-Chloro-3-methylphenol	8.645	107	545737	45.274	ng	99
37) 2-Methylnaphthalene	8.804	142	1135374	43.918	ng	100
38) 1-Methylnaphthalene	8.904	142	1066475	41.859	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	526498	45.591	ng	99
41) Hexachlorocyclopentadiene	8.957	237	554861	146.859	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	371048	47.640	ng	99

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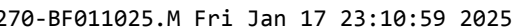
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	371093	45.114	ng	99
46) 1,1'-Biphenyl	9.269	154	1410666	45.146	ng	99
47) 2-Chloronaphthalene	9.292	162	1054841	43.343	ng	100
48) 2-Nitroaniline	9.386	65	296128	41.047	ng	98
49) Acenaphthylene	9.710	152	1636662	47.070	ng	99
50) Dimethylphthalate	9.575	163	1297028	48.018	ng	100
51) 2,6-Dinitrotoluene	9.633	165	281166	44.762	ng	97
52) Acenaphthene	9.881	154	1216031	50.058	ng	100
53) 3-Nitroaniline	9.798	138	16668	2.611	ng	96
54) 2,4-Dinitrophenol	9.904	184	280474	93.940	ng	95
55) Dibenzofuran	10.051	168	1492399	45.166	ng	99
56) 4-Nitrophenol	9.963	139	361367	72.286	ng	97
57) 2,4-Dinitrotoluene	10.033	165	381845	47.170	ng	98
58) Fluorene	10.398	166	1140913	44.444	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	325873	47.661	ng	99
60) Diethylphthalate	10.275	149	1229548	46.627	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	563579	45.045	ng	97
62) 4-Nitroaniline	10.410	138	141109	22.586	ng	99
63) Azobenzene	10.545	77	1082585	41.606	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	197558	53.487	ng	98
66) n-Nitrosodiphenylamine	10.504	169	481077	23.400	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	370677	50.512	ng	98
68) Hexachlorobenzene	10.939	284	400277	48.999	ng	98
69) Atrazine	11.028	200	91699	16.565	ng	99
70) Pentachlorophenol	11.133	266	475784	90.946	ng	100
71) Phenanthrene	11.357	178	1629728	47.625	ng	100
72) Anthracene	11.410	178	1642545	49.364	ng	99
73) Carbazole	11.557	167	778266	25.508	ng	100
74) Di-n-butylphthalate	11.898	149	1782513	51.051	ng	100
75) Fluoranthene	12.545	202	1395939	40.878	ng	99
78) Pyrene	12.774	202	1371686	38.354	ng	99
80) Butylbenzylphthalate	13.392	149	554003	46.461	ng	99
81) Benzo(a)anthracene	13.963	228	1124931	44.144	ng	100
83) Chrysene	13.998	228	1032886	43.318	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	723803	50.590	ng	100
85) Di-n-octyl phthalate	14.574	149	1194752	55.300	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	920150	34.846	ng	99
88) Benzo(b)fluoranthene	15.004	252	1212795	52.181	ng	100
89) Benzo(k)fluoranthene	15.039	252	1077653	54.866	ng	99
90) Benzo(a)pyrene	15.368	252	1033581	53.900	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	773062	36.196	ng	98
92) Benzo(g,h,i)perylene	17.304	276	623532	28.068	ng	99

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

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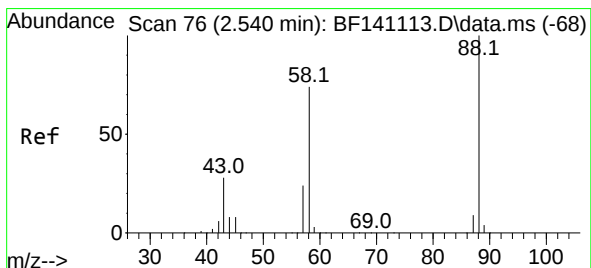
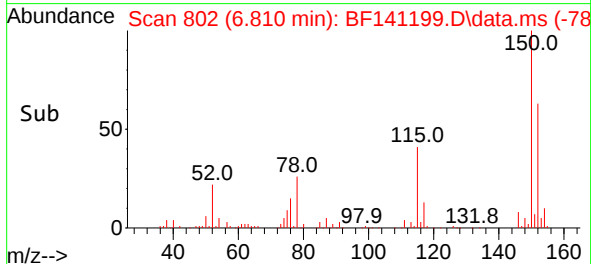
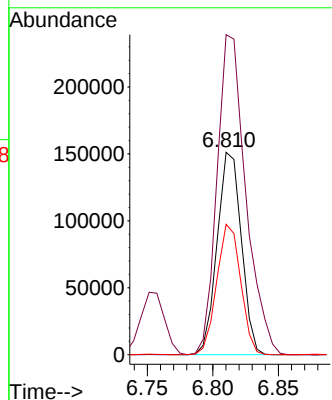
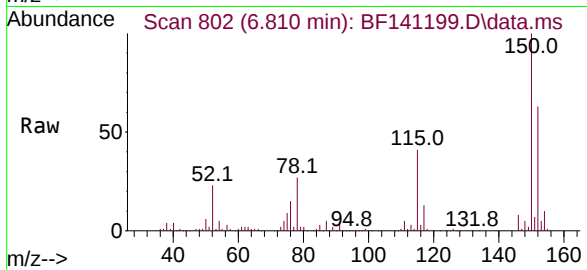




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BF141199.D
 Acq: 17 Jan 2025 18:07

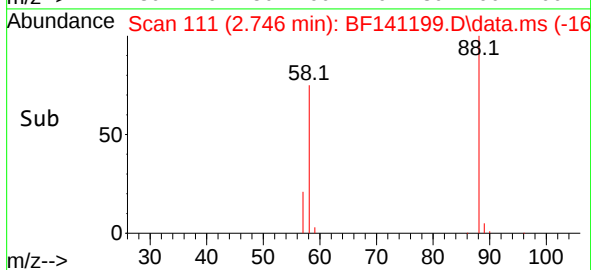
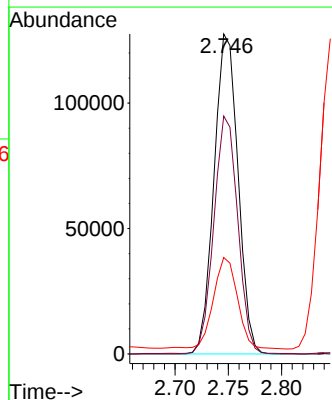
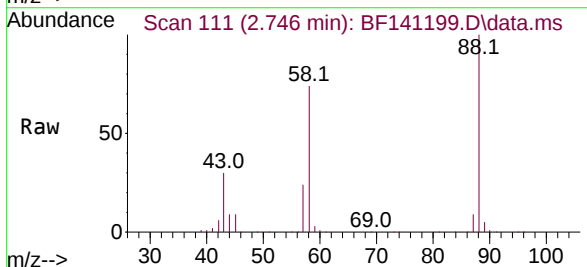
Instrument :
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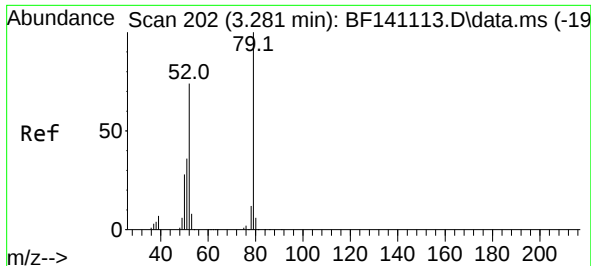
Tgt Ion:152 Resp: 194434
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.8 188.8
 115 64.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: 35.591 ng
 RT: 2.746 min Scan# 111
 Delta R.T. 0.206 min
 Lab File: BF141199.D
 Acq: 17 Jan 2025 18:07

Tgt Ion: 88 Resp: 199483
 Ion Ratio Lower Upper
 88 100
 58 74.5 60.1 90.1
 43 0.0 23.1 34.7#

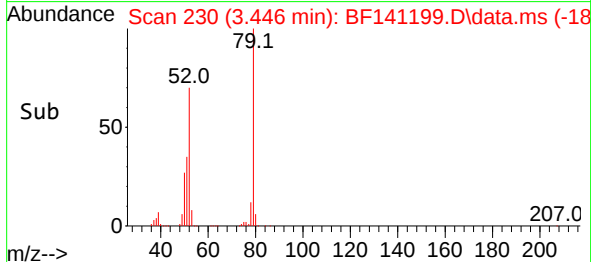
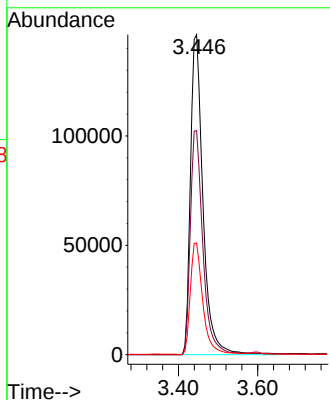
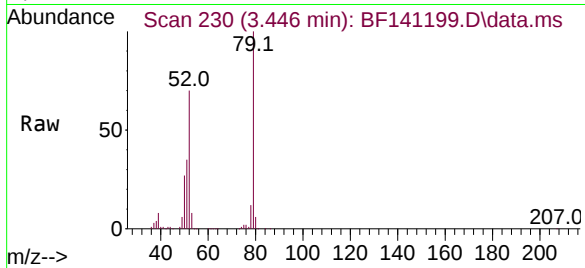




#3
Pyridine
Concen: 23.450 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.165 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

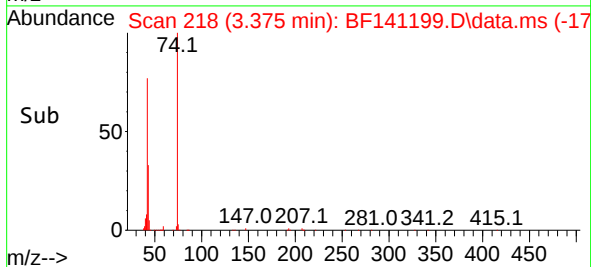
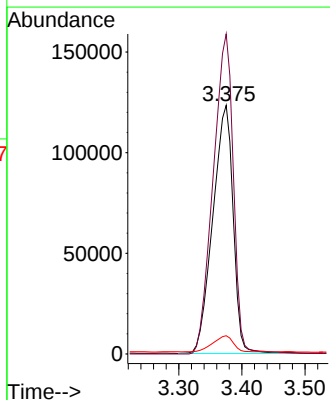
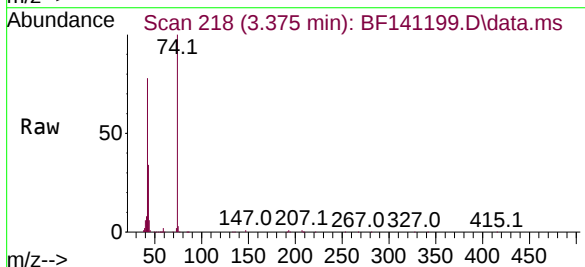
Instrument :
BNA_F
ClientSampleId :
366MSD

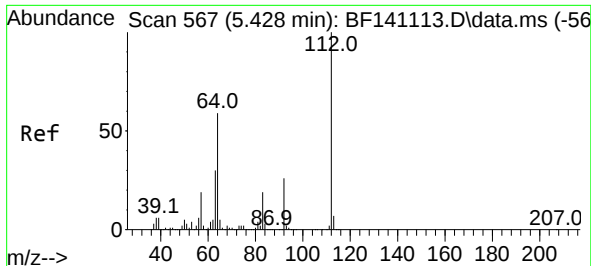
Tgt Ion: 79 Resp: 322315
Ion Ratio Lower Upper
79 100
52 70.1 58.9 88.3
51 34.9 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 40.926 ng
RT: 3.375 min Scan# 218
Delta R.T. 0.147 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion: 42 Resp: 275043
Ion Ratio Lower Upper
42 100
74 128.7 103.8 155.6
44 7.3 5.3 7.9

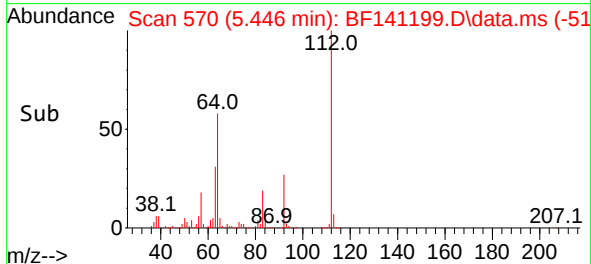
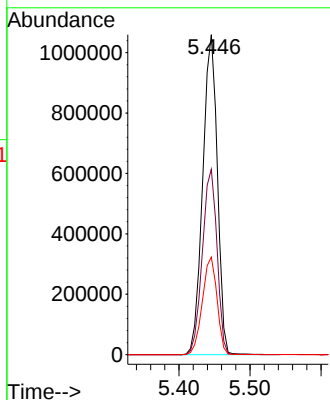
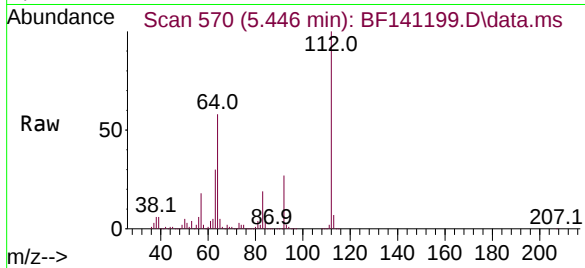




#5
2-Fluorophenol
Concen: 120.848 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

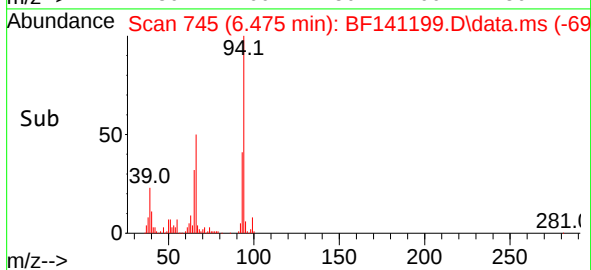
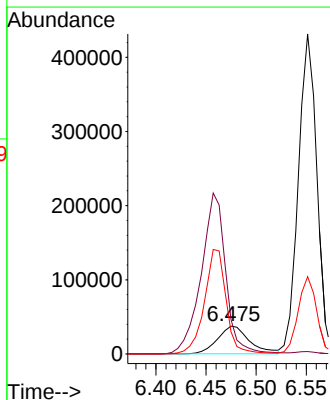
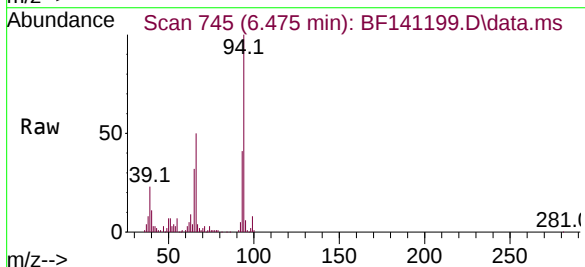
Instrument :
BNA_F
ClientSampleId :
366MSD

Tgt Ion:112 Resp: 1521040
Ion Ratio Lower Upper
112 100
64 58.0 47.3 70.9
63 30.5 24.2 36.2



#6
Aniline
Concen: 5.839 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion: 93 Resp: 82650
Ion Ratio Lower Upper
93 100
66 123.4 31.5 47.3#
65 79.8 15.3 22.9#



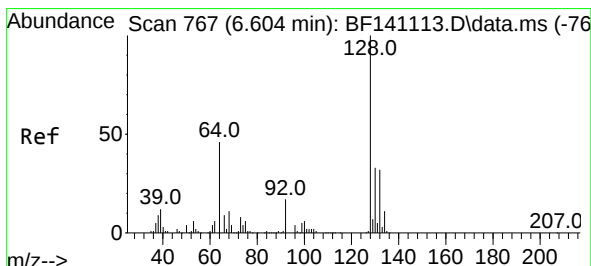
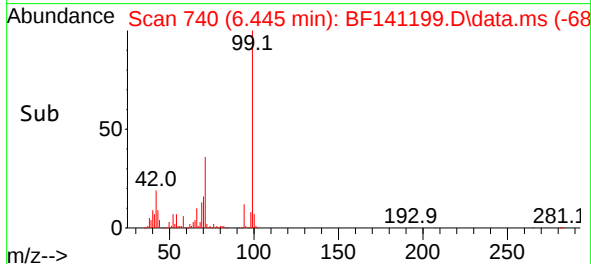
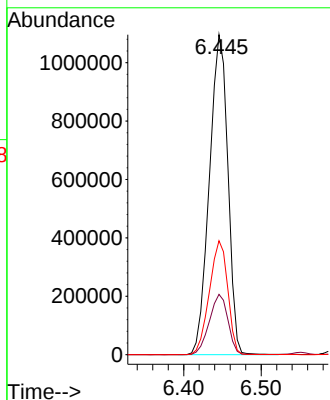
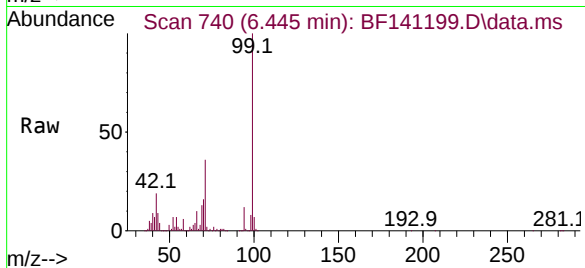


#7
Phenol-d6
Concen: 114.009 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1817676

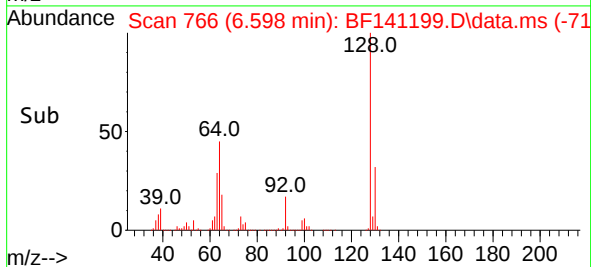
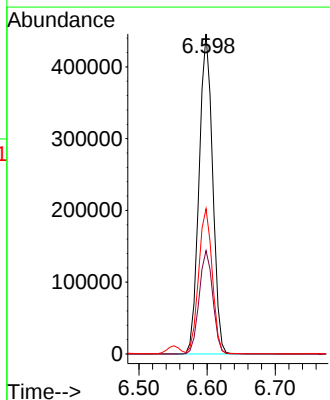
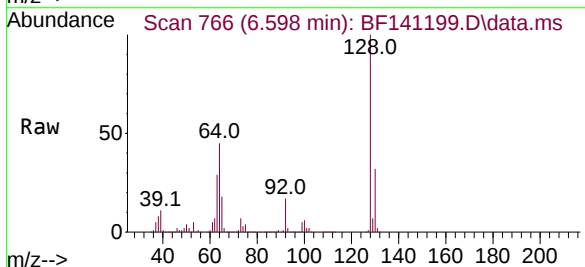
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.4
71	35.6	27.6	41.4



#8
2-Chlorophenol
Concen: 45.630 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:128 Resp: 616175

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	45.4	28.3	68.3





#9

Benzaldehyde

Concen: 5.806 ng

RT: 6.363 min Scan# 727

Delta R.T. -0.006 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

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ClientSampleId :

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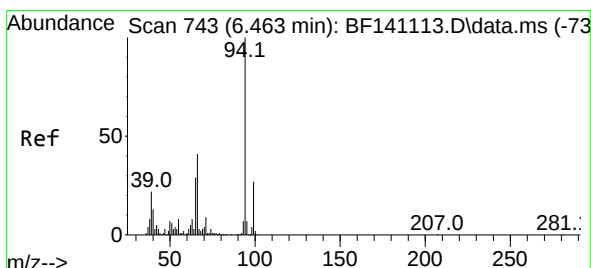
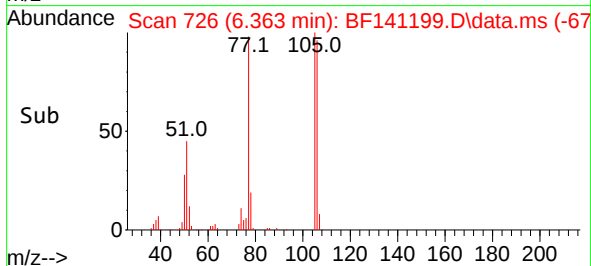
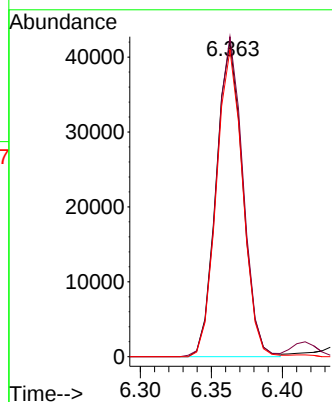
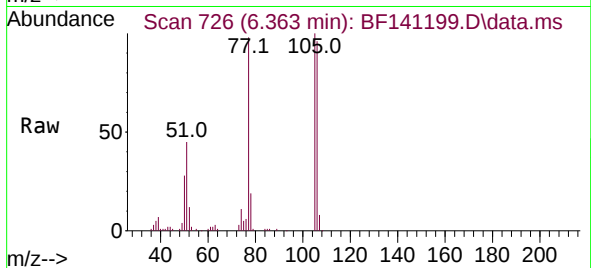
Tgt Ion: 77 Resp: 54523

Ion Ratio Lower Upper

77 100

105 101.7 78.9 118.9

106 97.5 73.6 113.6



#10

Phenol

Concen: 38.346 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

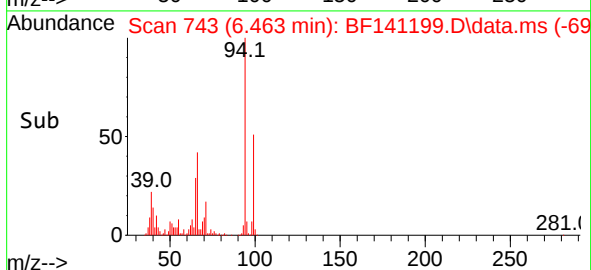
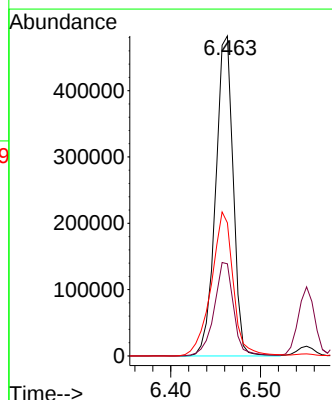
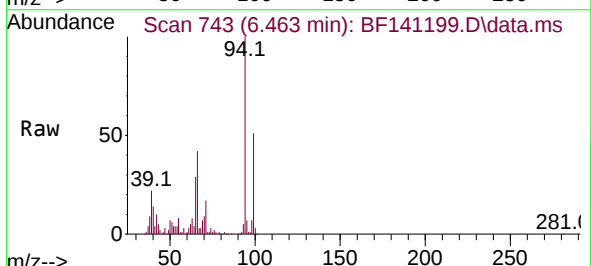
Tgt Ion: 94 Resp: 654430

Ion Ratio Lower Upper

94 100

65 28.8 8.9 48.9

66 41.6 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 43.154 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

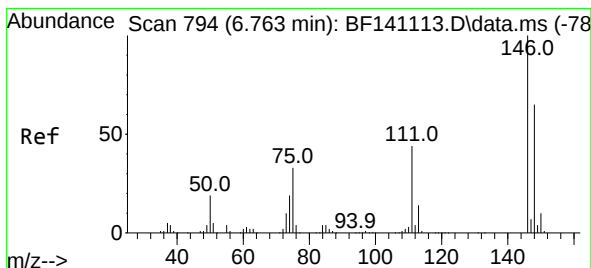
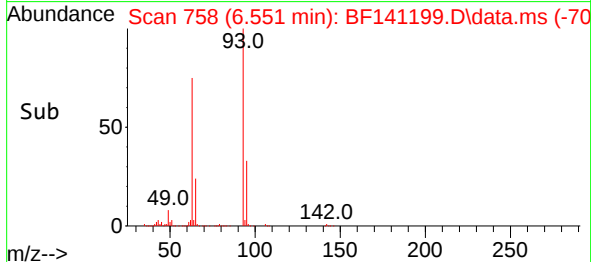
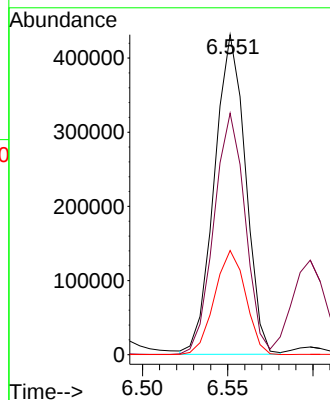
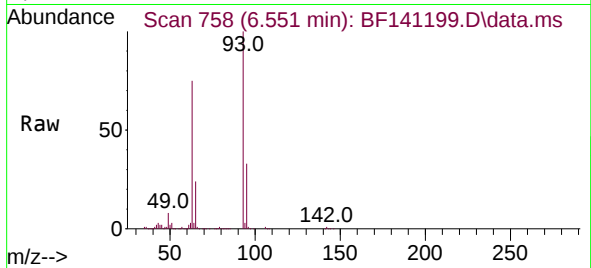
Tgt Ion: 93 Resp: 548872

Ion Ratio Lower Upper

93 100

63 75.5 58.0 98.0

95 32.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 38.721 ng

RT: 6.751 min Scan# 792

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

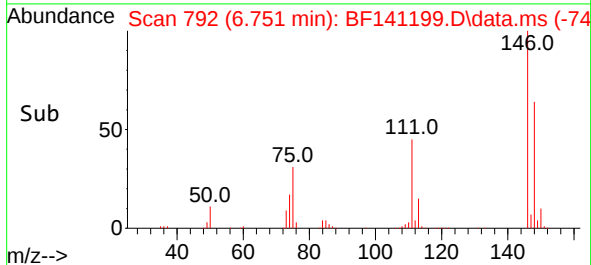
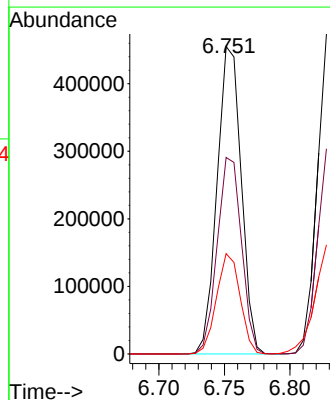
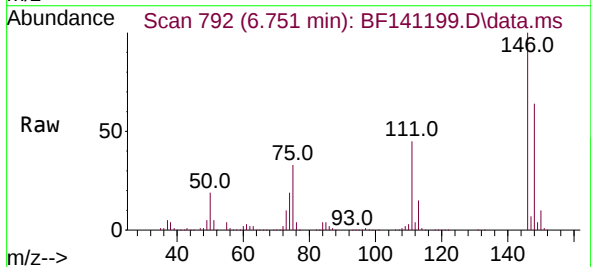
Tgt Ion:146 Resp: 583170

Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

75 32.6 26.2 39.2

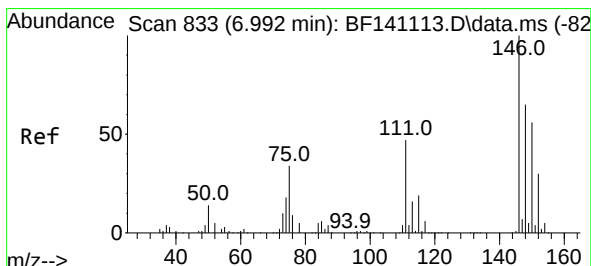
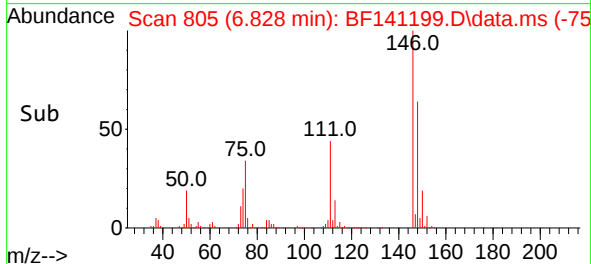
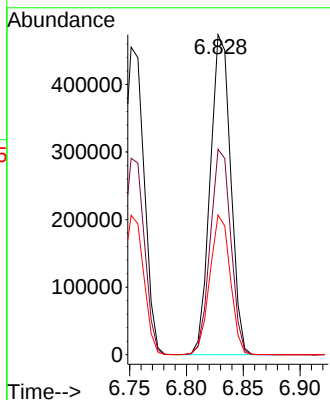
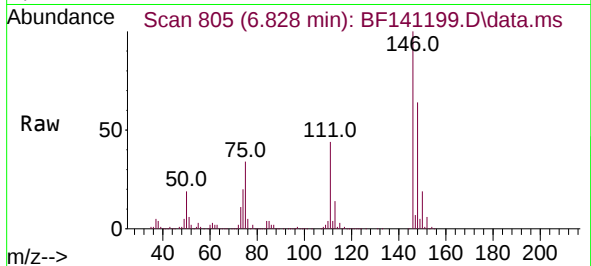




#13
1,4-Dichlorobenzene
Concen: 39.202 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

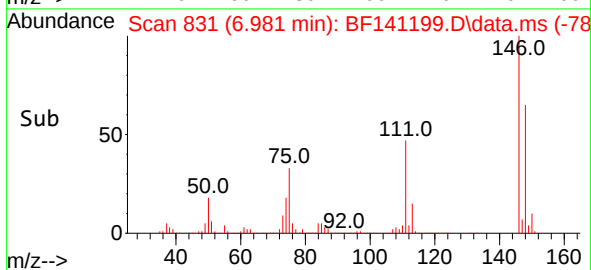
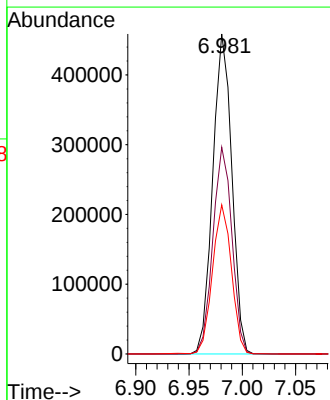
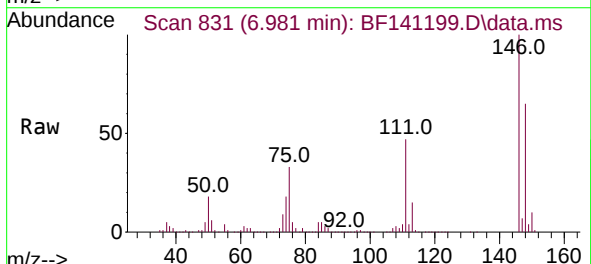
Instrument :
BNA_F
ClientSampleId :
366MSD

Tgt Ion:146 Resp: 594967
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.7 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 40.346 ng
RT: 6.981 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:146 Resp: 571169
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.4
111 46.6 37.5 56.3

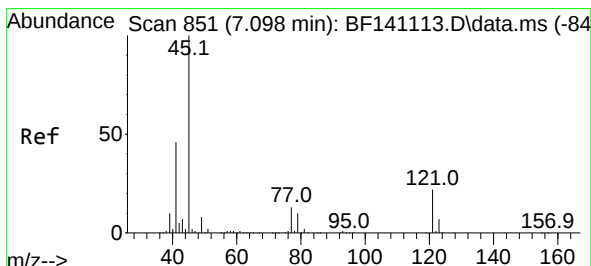
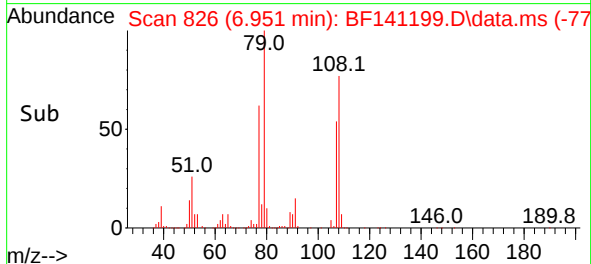
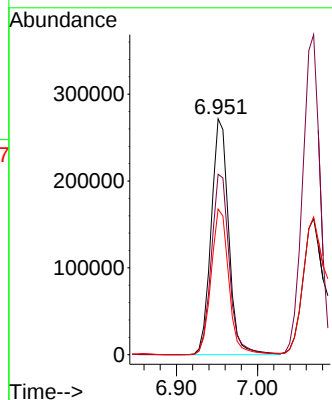
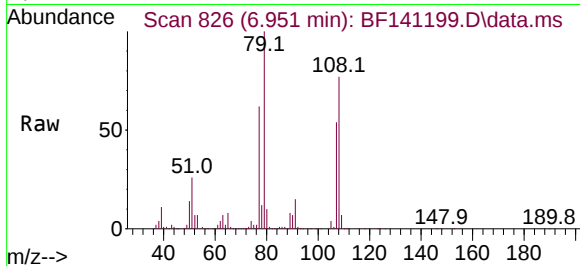




#15
Benzyl Alcohol
Concen: 35.322 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

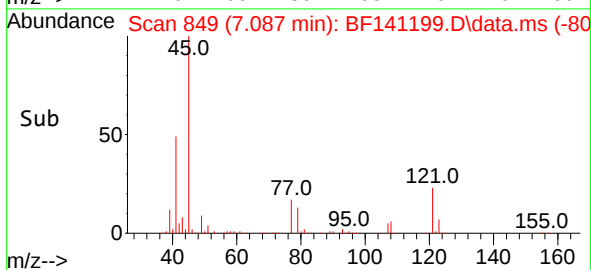
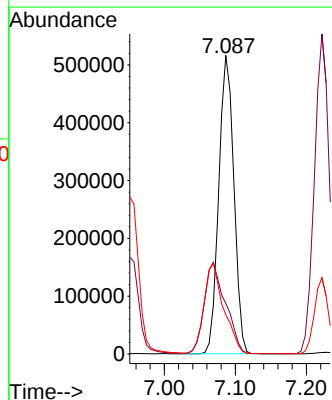
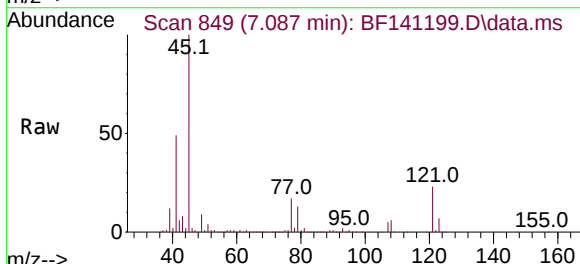
Instrument :
BNA_F
ClientSampleId :
366MSD

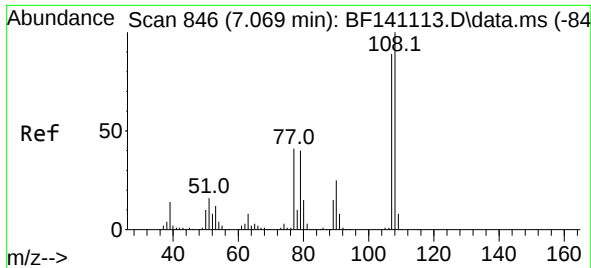
Tgt Ion: 79 Resp: 406689
Ion Ratio Lower Upper
79 100
108 76.5 61.4 92.0
77 61.7 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.777 ng
RT: 7.087 min Scan# 849
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion: 45 Resp: 759230
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.1
79 13.1 0.0 31.0



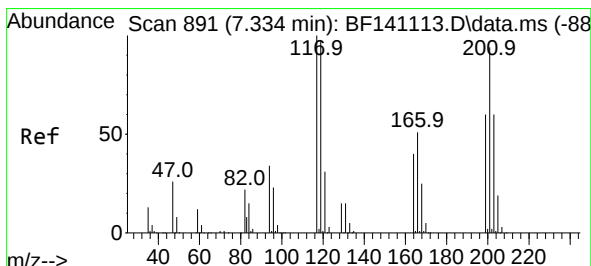
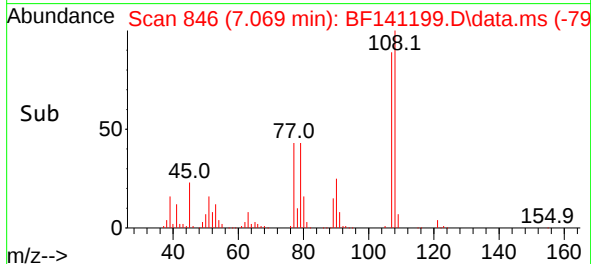
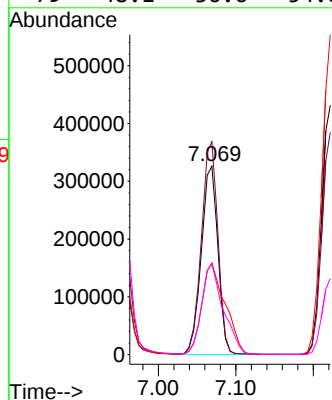
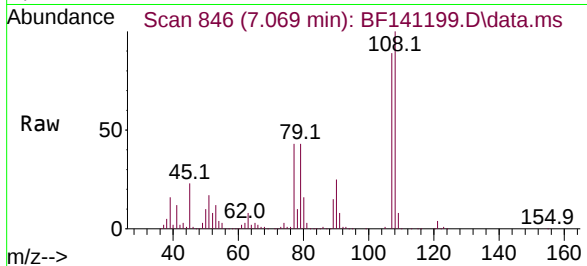


#17
2-Methylphenol
Concen: 44.425 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Instrument :
BNA_F
ClientSampleId :
366MSD

Tgt Ion:107 Resp: 484317

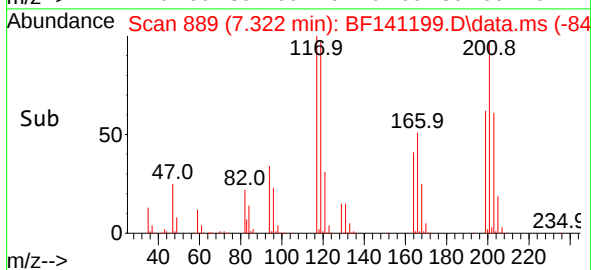
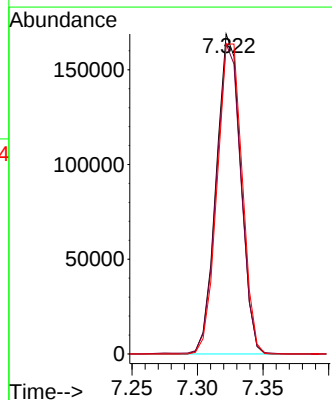
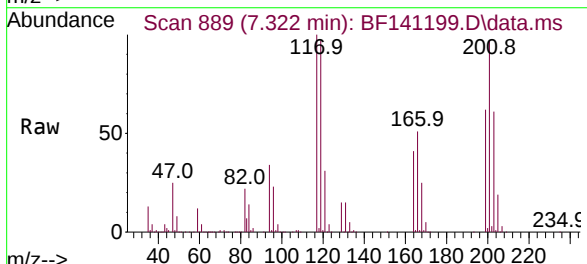
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.1	135.1
77	48.6	36.6	55.0
79	48.1	36.6	54.8



#18
Hexachloroethane
Concen: 39.822 ng
RT: 7.322 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:117 Resp: 218558

Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.6	116.4
201	96.9	75.1	112.7



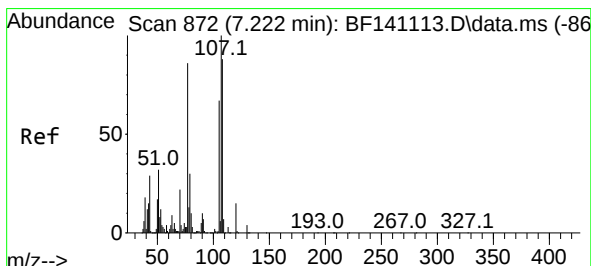
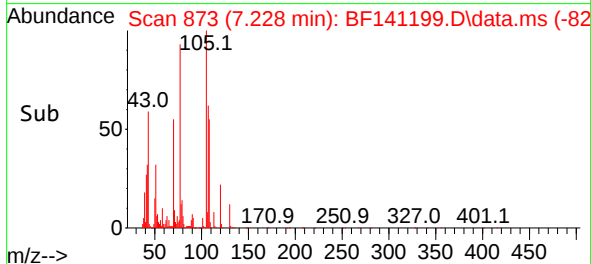
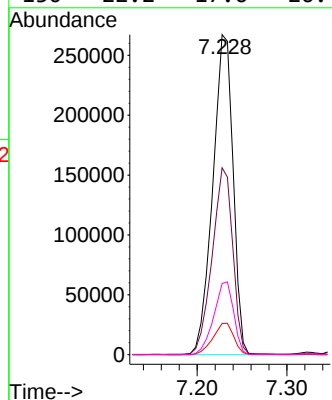
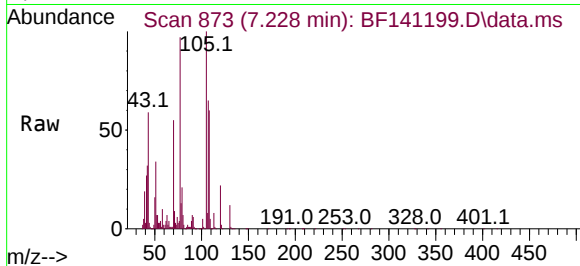


#19
n-Nitroso-di-n-propylamine
Concen: 44.714 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Instrument :
BNA_F
ClientSampleId :
366MSD

Tgt Ion: 70 Resp: 419937

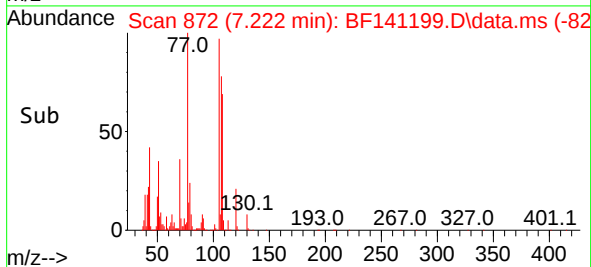
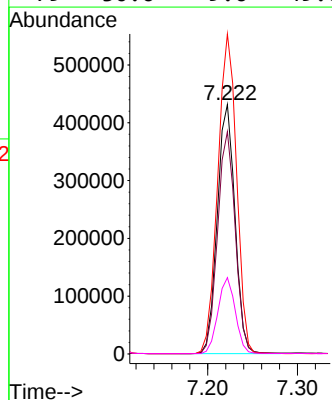
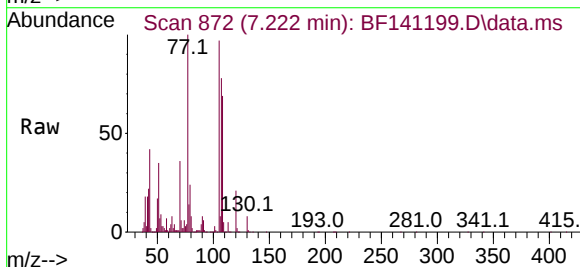
Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.8	71.6
101	9.7	7.9	11.9
130	22.2	17.6	26.4

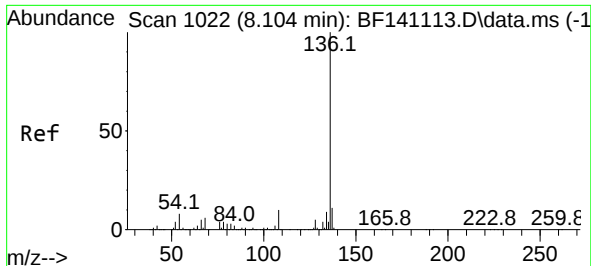


#20
3+4-Methylphenols
Concen: 42.873 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion: 107 Resp: 589676

Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.3	108.3
77	128.3	66.4	106.4#
79	30.6	9.6	49.6

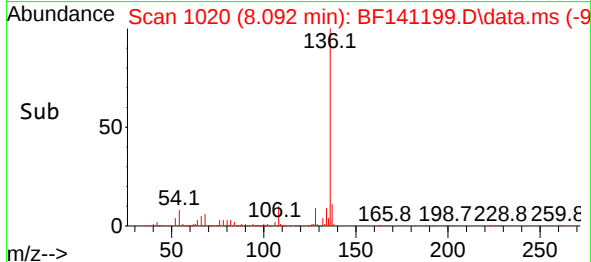
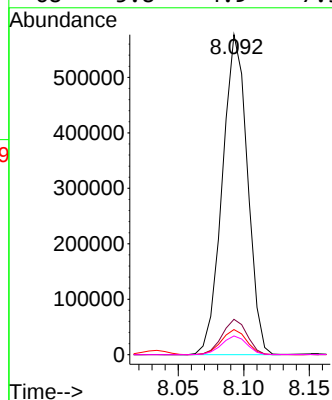
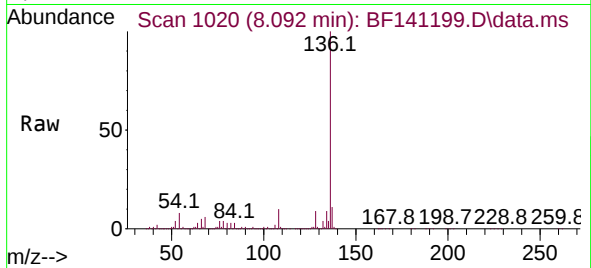




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

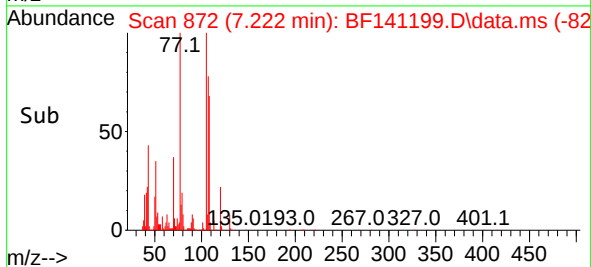
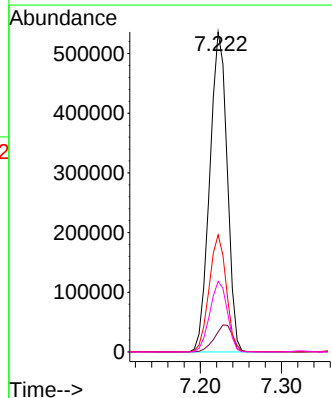
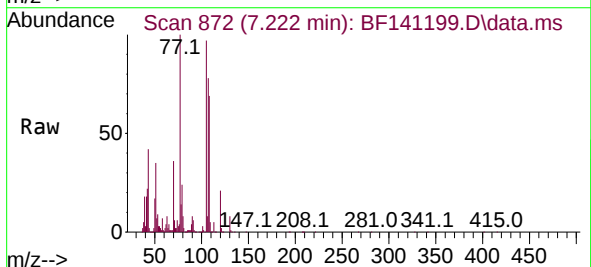
Instrument :
BNA_F
ClientSampleId :
366MSD

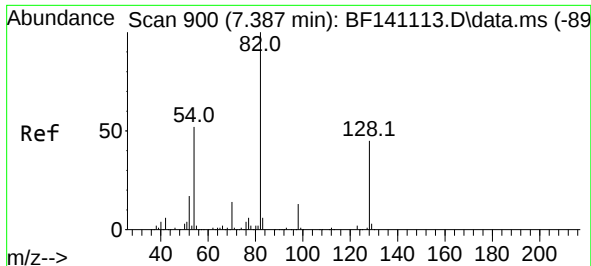
Tgt Ion:	136	Resp:	769284
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.9	6.3	9.5
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 43.673 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:	105	Resp:	798688
Ion Ratio	Lower	Upper	
105	100		
71	6.3	7.1	10.7#
51	36.6	25.4	38.2
120	22.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 88.848 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

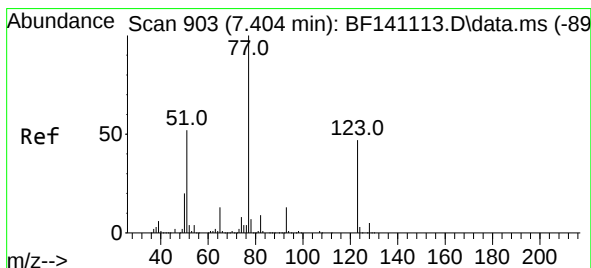
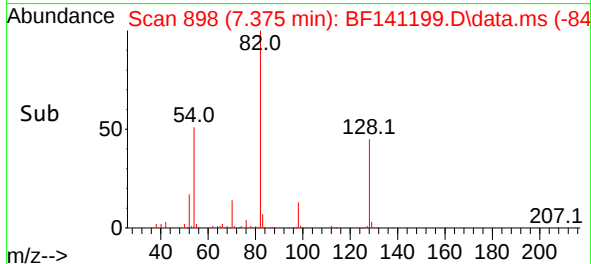
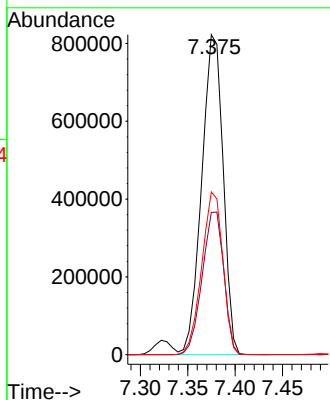
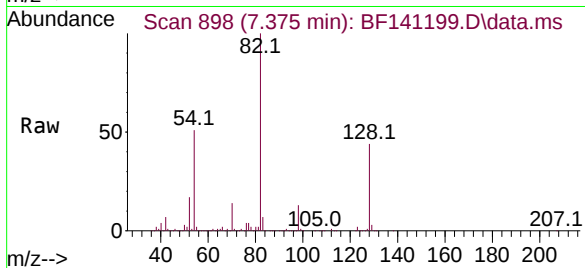
BNA_F

ClientSampleId :

366MSD

Tgt Ion: 82 Resp: 1289404

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	50.8	41.0	61.4



#24

Nitrobenzene

Concen: 41.203 ng

RT: 7.398 min Scan# 902

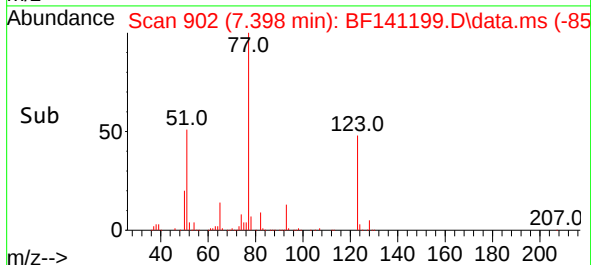
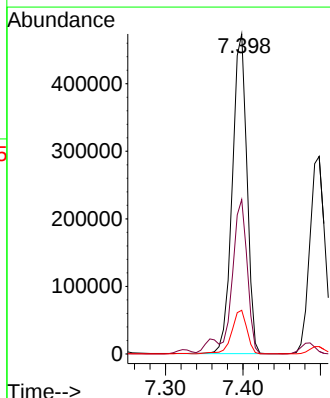
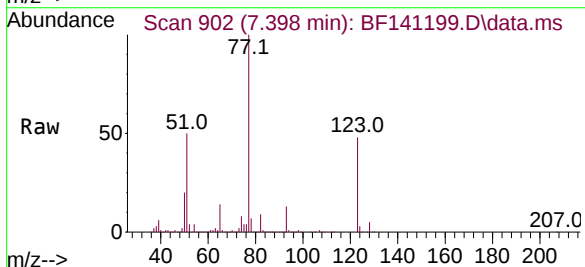
Delta R.T. -0.006 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Tgt Ion: 77 Resp: 623200

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.7	56.5
65	13.6	10.6	16.0

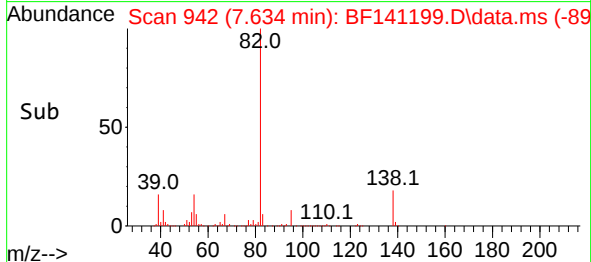
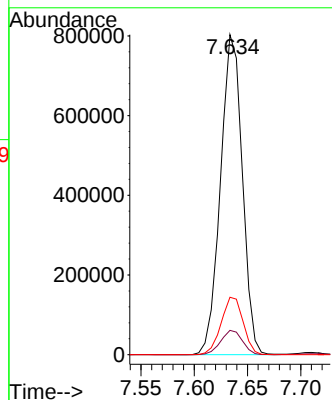
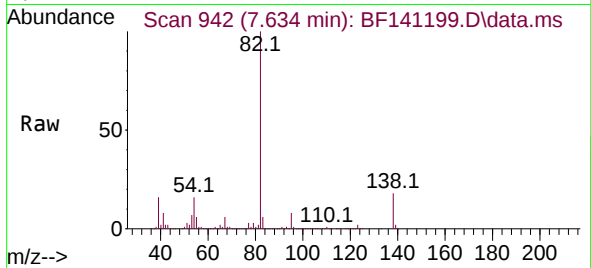




#25
Isophorone
Concen: 46.049 ng
RT: 7.634 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

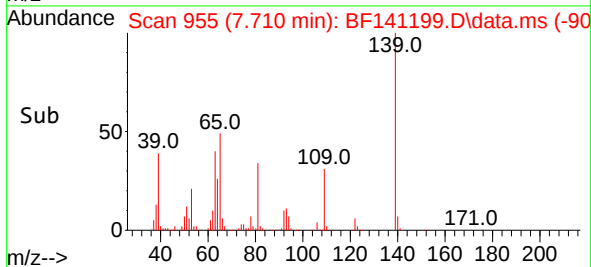
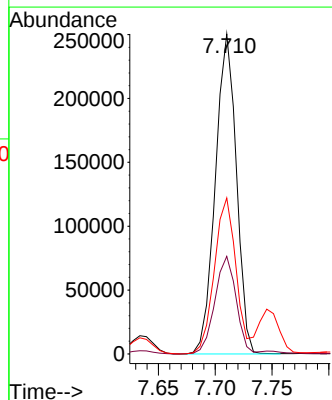
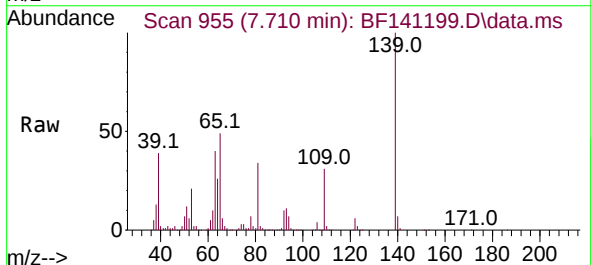
Instrument :
BNA_F
ClientSampleId :
366MSD

Tgt Ion: 82 Resp: 1142072
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.0 14.2 21.2



#26
2-Nitrophenol
Concen: 46.929 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:139 Resp: 322878
Ion Ratio Lower Upper
139 100
109 30.5 23.8 35.6
65 48.7 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 53.199 ng

RT: 7.745 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

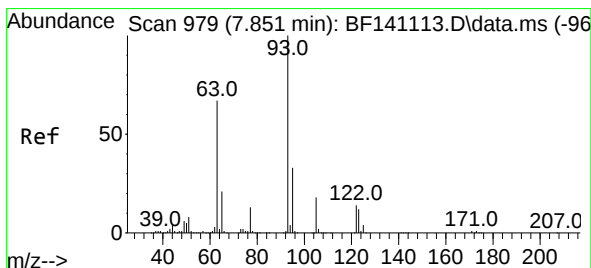
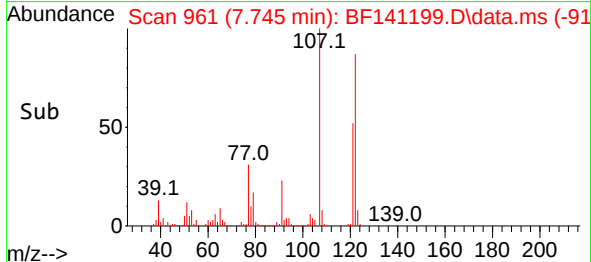
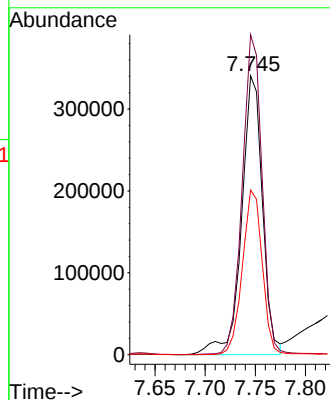
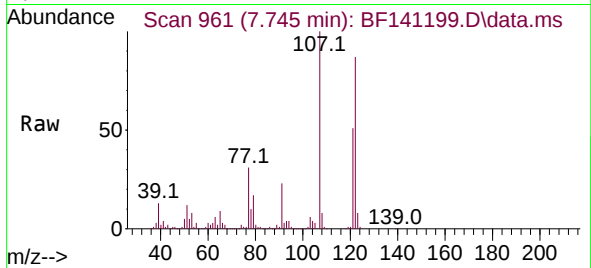
Tgt Ion:122 Resp: 493702

Ion Ratio Lower Upper

122 100

107 114.7 90.3 135.5

121 59.0 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 42.158 ng

RT: 7.845 min Scan# 978

Delta R.T. -0.006 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

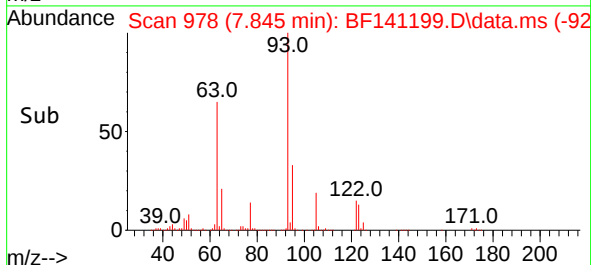
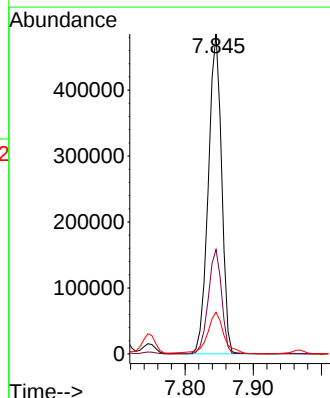
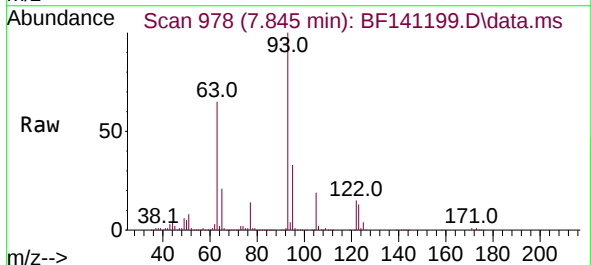
Tgt Ion: 93 Resp: 656173

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 13.0 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 45.730 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

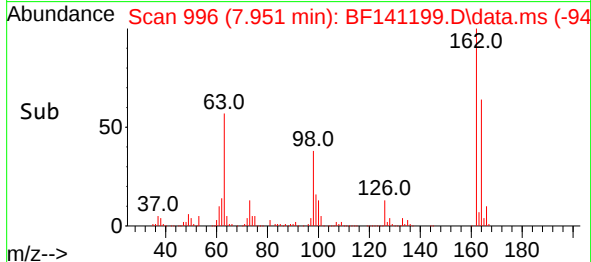
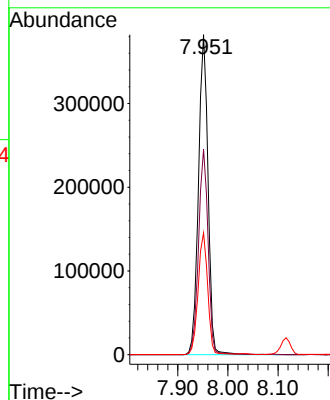
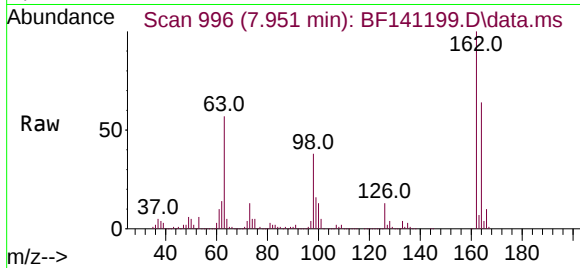
Tgt Ion:162 Resp: 504036

Ion Ratio Lower Upper

162 100

164 64.2 44.5 84.5

98 38.0 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 40.613 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

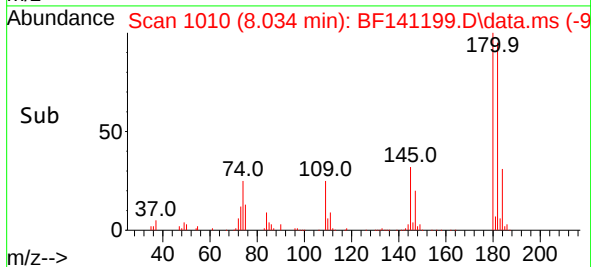
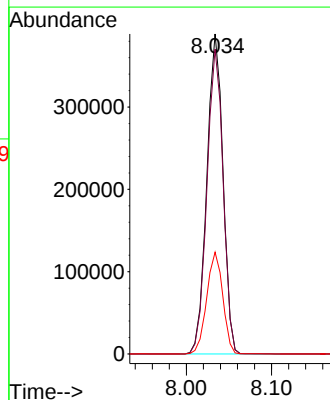
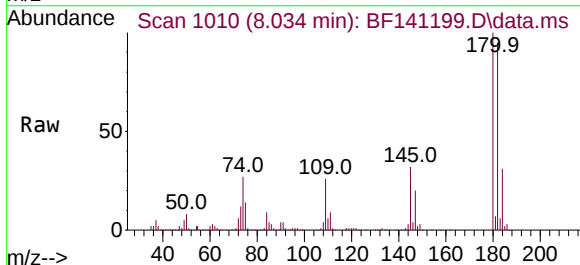
Tgt Ion:180 Resp: 511668

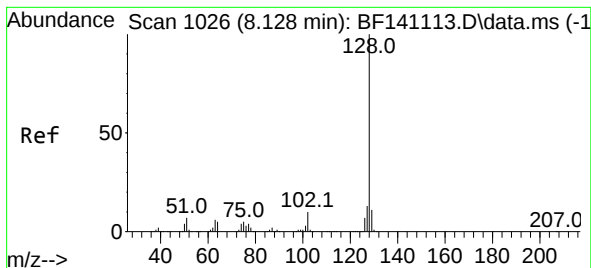
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 31.8 25.3 37.9





#31

Naphthalene

Concen: 41.979 ng

RT: 8.116 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

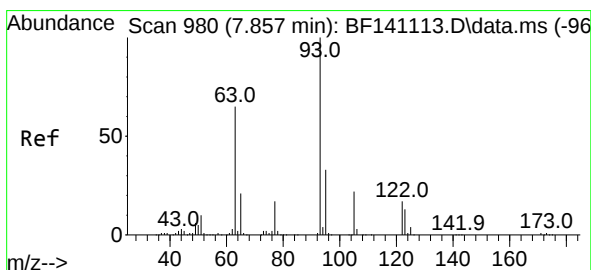
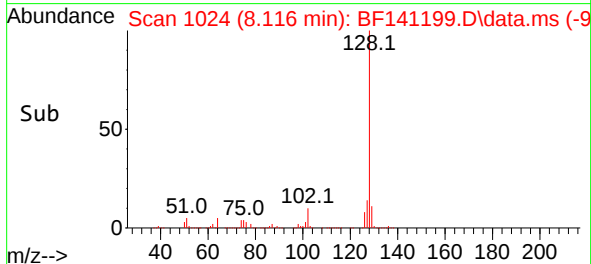
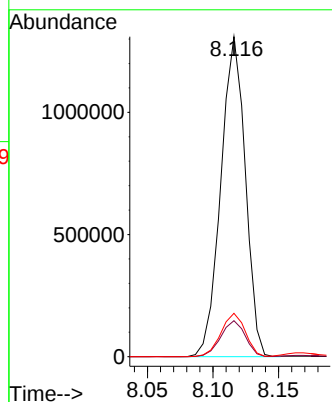
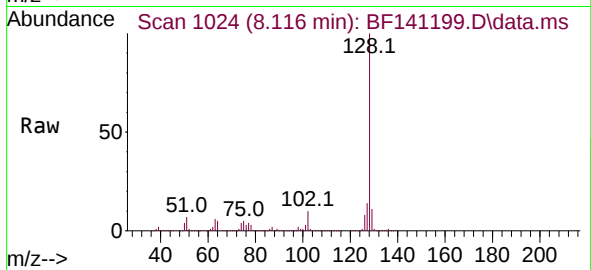
Tgt Ion:128 Resp: 1703033

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 40.559 ng

RT: 7.869 min Scan# 982

Delta R.T. 0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

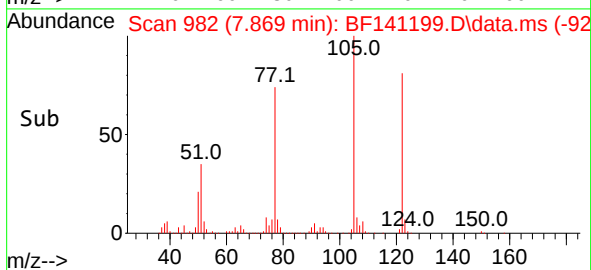
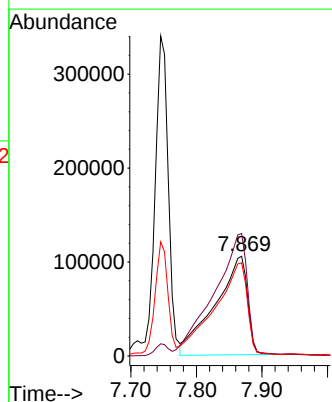
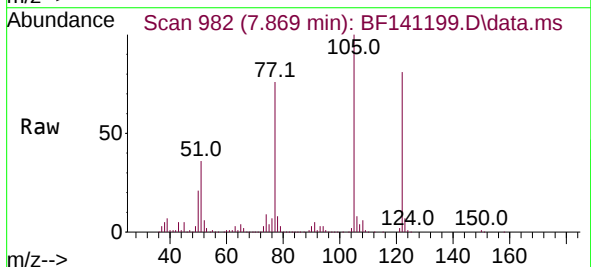
Tgt Ion:122 Resp: 361070

Ion Ratio Lower Upper

122 100

105 122.9 105.5 145.5

77 93.4 75.1 115.1





#33

4-Chloroaniline

Concen: 2.110 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

Tgt Ion:127 Resp: 29599

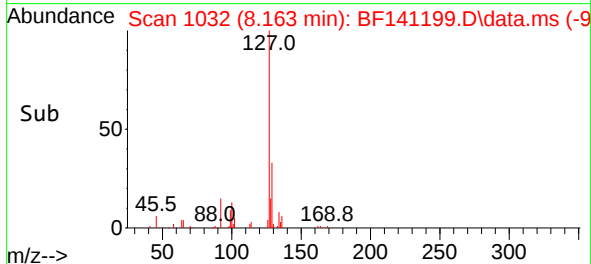
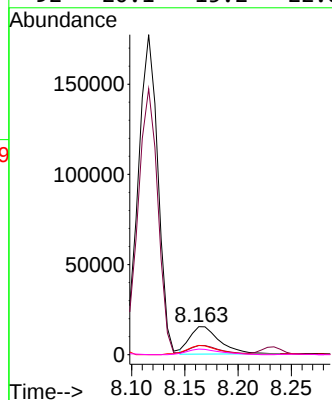
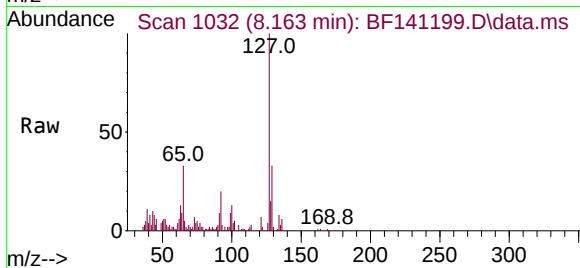
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 33.3 23.8 35.8

92 20.1 15.2 22.8



#34

Hexachlorobutadiene

Concen: 41.251 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

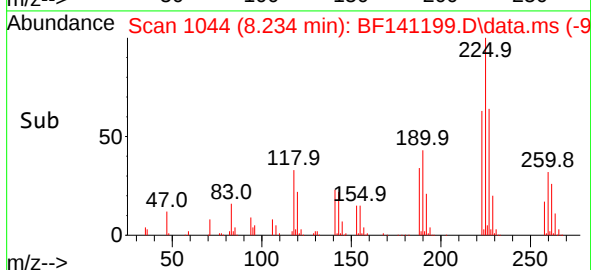
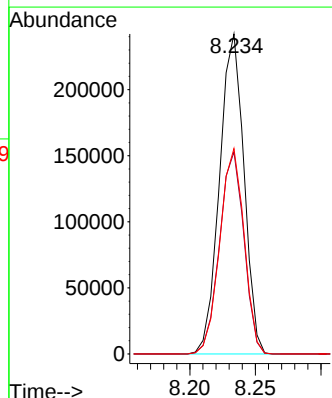
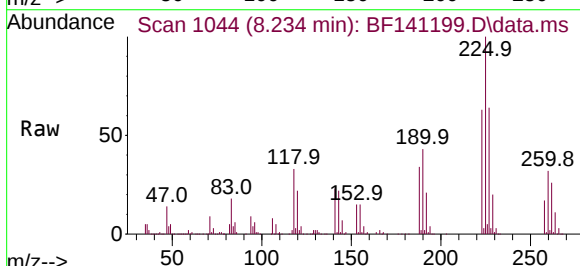
Tgt Ion:225 Resp: 313153

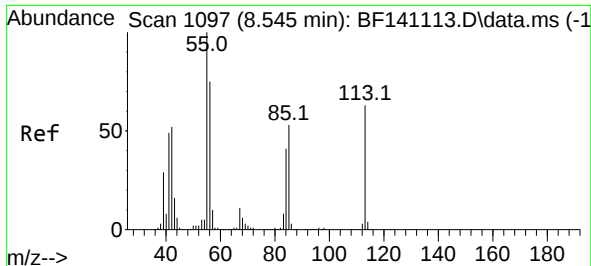
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 64.2 51.6 77.4

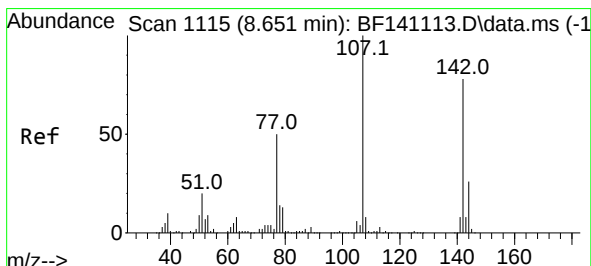
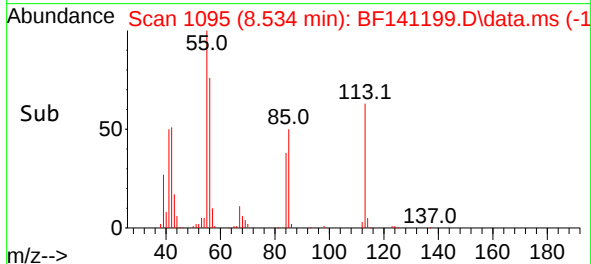
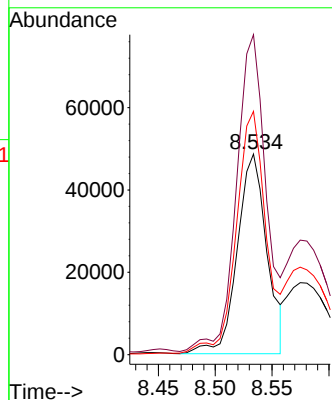
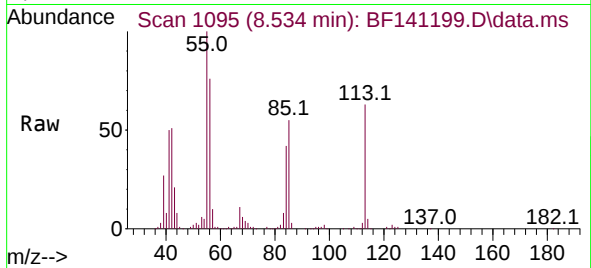




#35
 Caprolactam
 Concen: 24.319 ng
 RT: 8.534 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF141199.D
 Acq: 17 Jan 2025 18:07

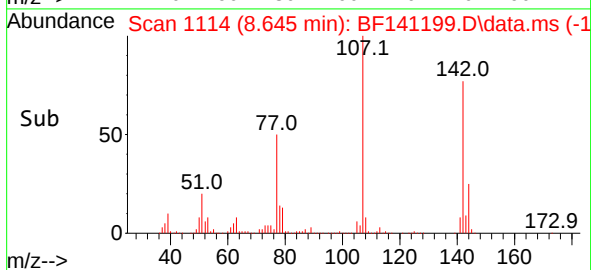
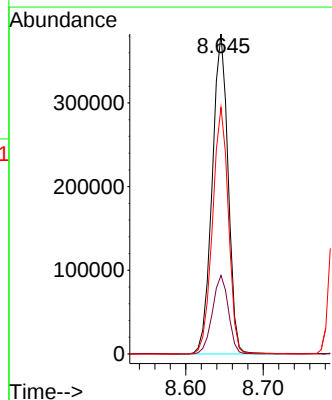
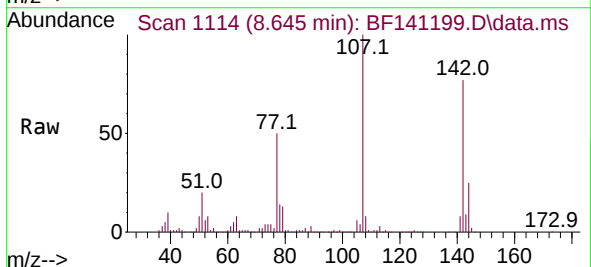
Instrument :
 BNA_F
 ClientSampleId :
 366MSD

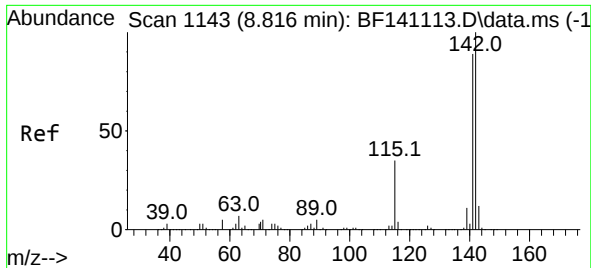
Tgt Ion:113 Resp: 87757
 Ion Ratio Lower Upper
 113 100
 55 159.4 139.7 179.7
 56 121.2 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.274 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: BF141199.D
 Acq: 17 Jan 2025 18:07

Tgt Ion:107 Resp: 545737
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.4 30.6
 142 77.1 62.2 93.2

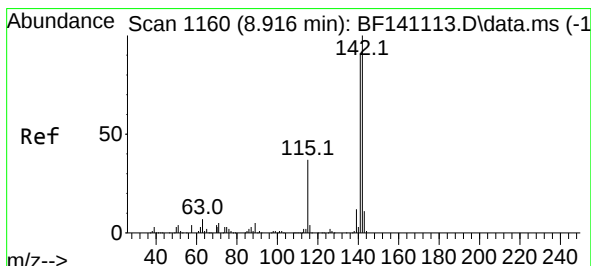
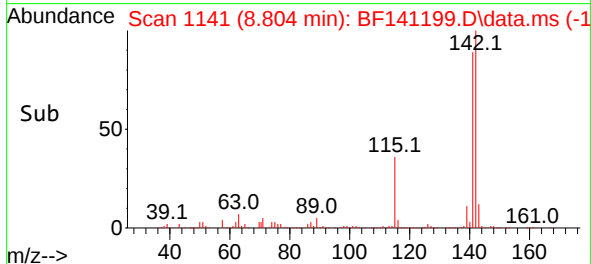
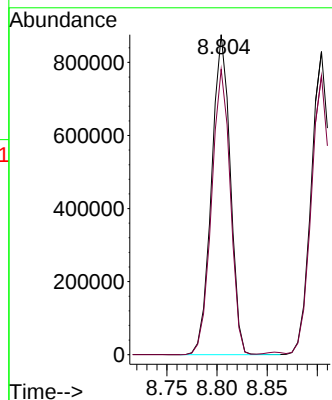
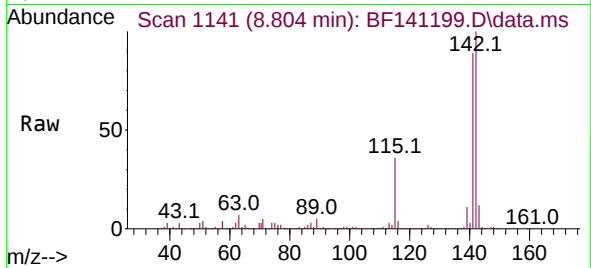




#37
2-Methylnaphthalene
Concen: 43.918 ng
RT: 8.804 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

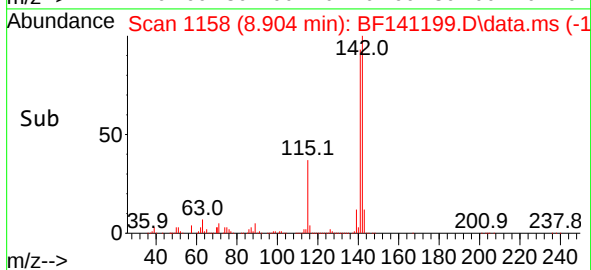
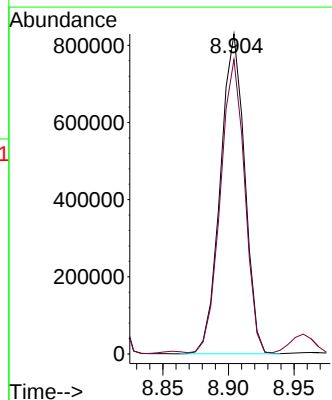
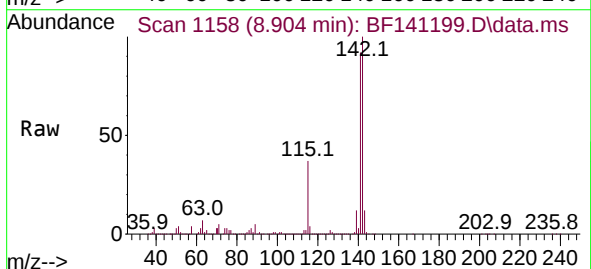
Instrument :
BNA_F
ClientSampleId :
366MSD

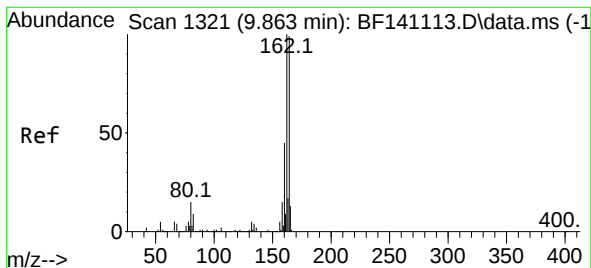
Tgt Ion:142 Resp: 1135374
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9



#38
1-Methylnaphthalene
Concen: 41.859 ng
RT: 8.904 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:142 Resp: 1066475
Ion Ratio Lower Upper
142 100
141 92.0 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: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

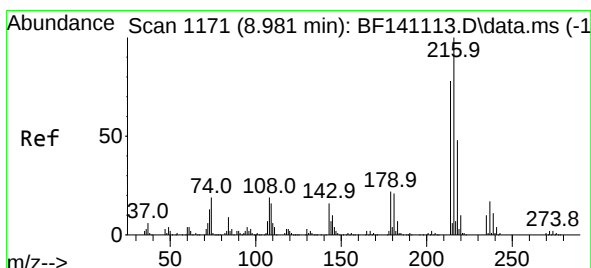
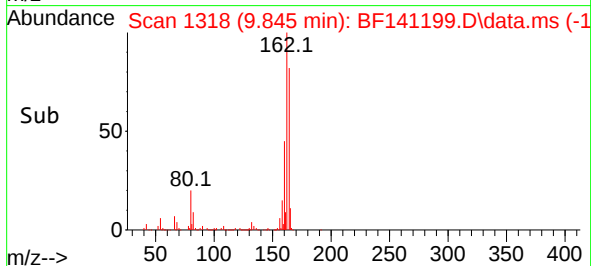
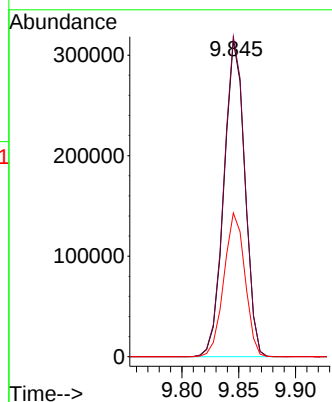
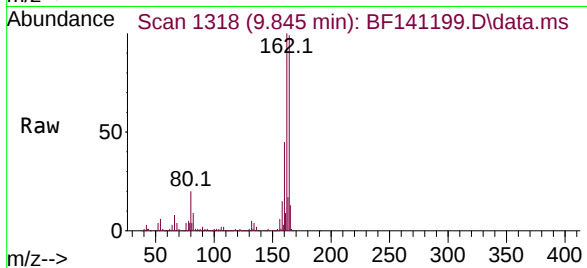
Tgt Ion:164 Resp: 402350

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.4

160 45.5 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.591 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Tgt Ion:216 Resp: 526498

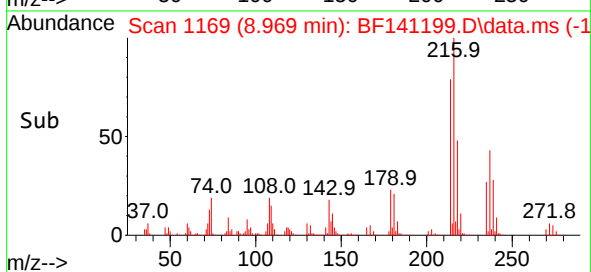
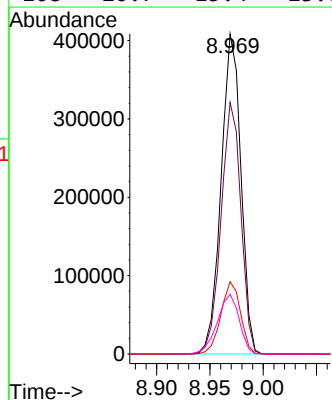
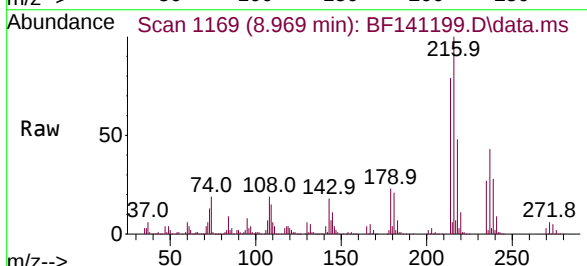
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 22.4 17.7 26.5

108 20.7 15.4 23.0

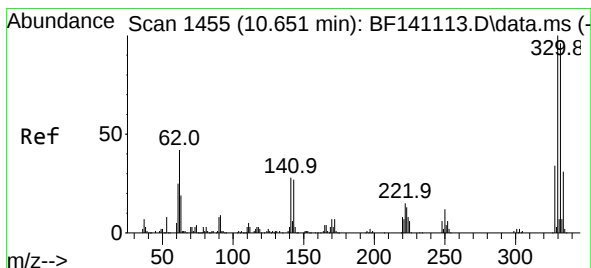
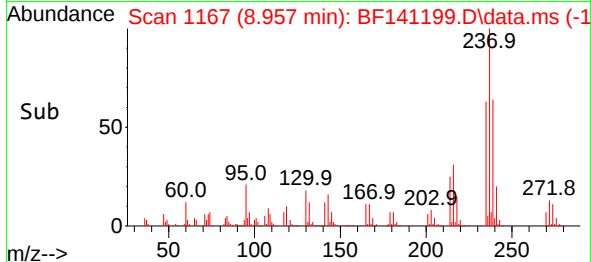
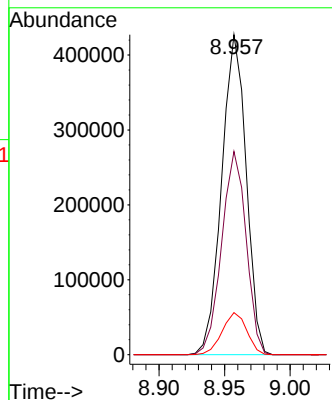
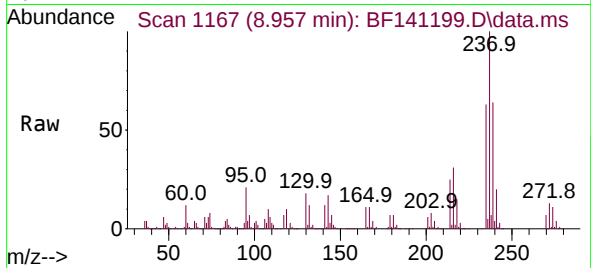




#41
Hexachlorocyclopentadiene
Concen: 146.859 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

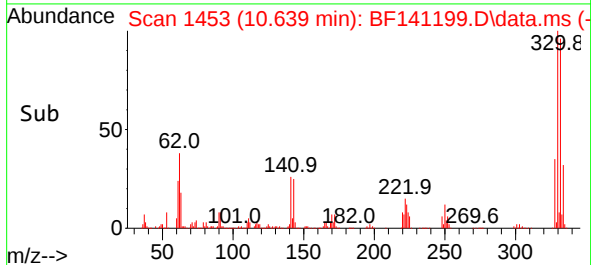
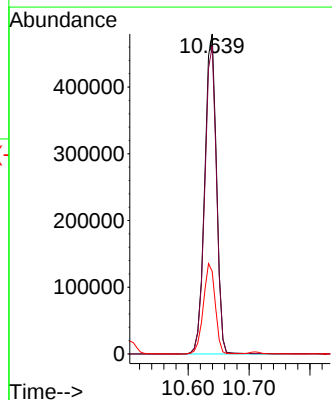
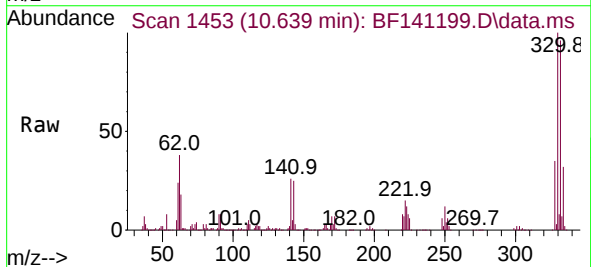
Instrument :
BNA_F
ClientSampleId :
366MSD

Tgt Ion:237 Resp: 554861
Ion Ratio Lower Upper
237 100
235 63.5 43.0 83.0
272 13.2 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 140.676 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

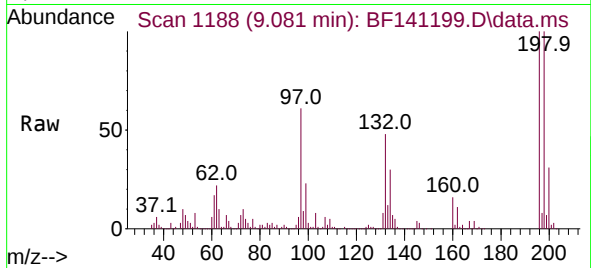
Tgt Ion:330 Resp: 644930
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 28.6 25.2 37.8



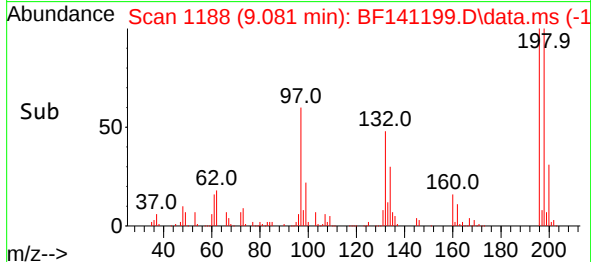
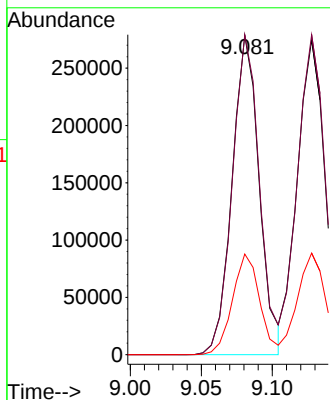


#43
2,4,6-Trichlorophenol
Concen: 47.640 ng
RT: 9.081 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Instrument :
BNA_F
ClientSampleId :
366MSD

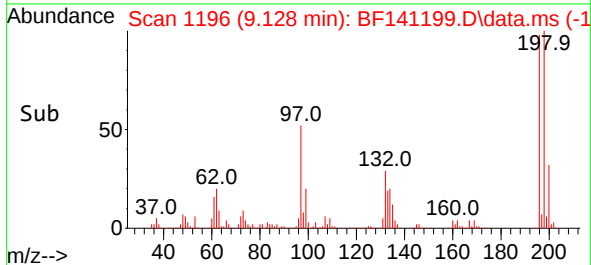
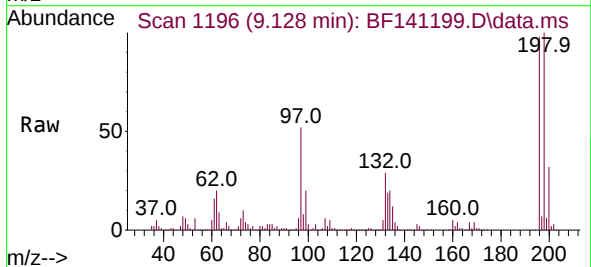
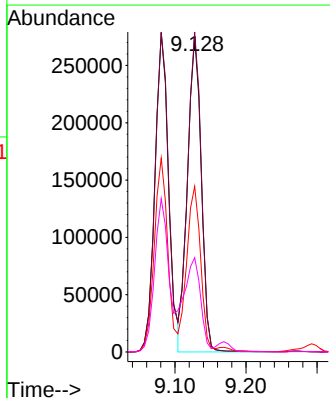


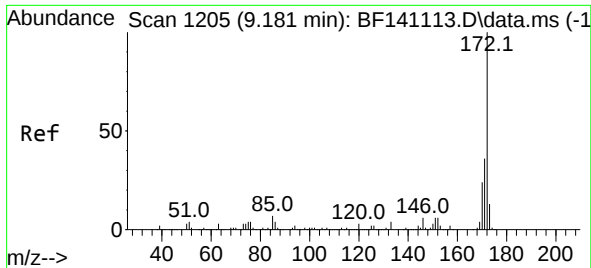
Tgt Ion:196 Resp: 371048
Ion Ratio Lower Upper
196 100
198 100.3 80.8 121.2
200 31.6 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 45.114 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:196 Resp: 371093
Ion Ratio Lower Upper
196 100
198 101.7 80.6 120.8
97 52.6 43.1 64.7
132 29.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 88.414 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

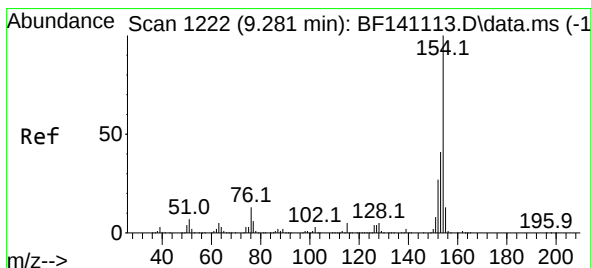
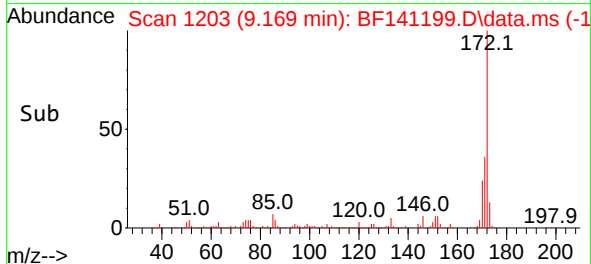
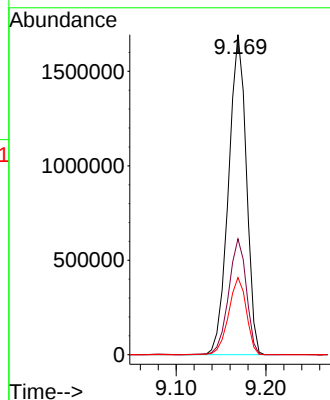
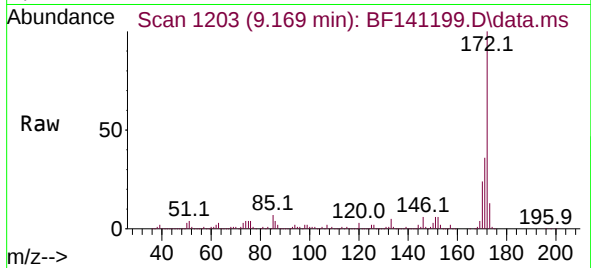
Tgt Ion:172 Resp: 2329550

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: 45.146 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

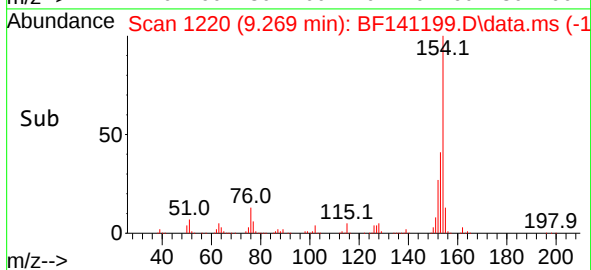
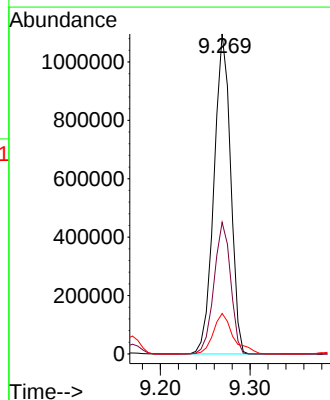
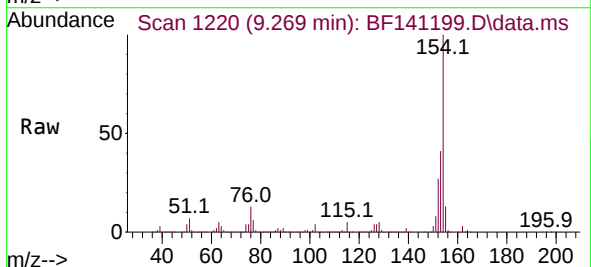
Tgt Ion:154 Resp: 1410666

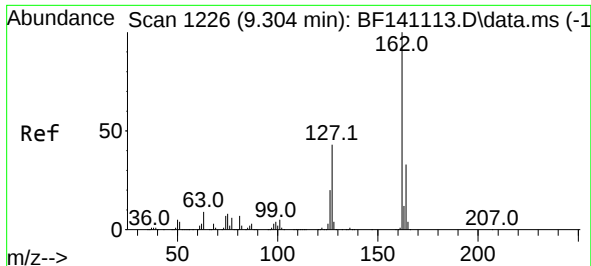
Ion Ratio Lower Upper

154 100

153 41.1 20.7 60.7

76 12.7 0.0 33.1

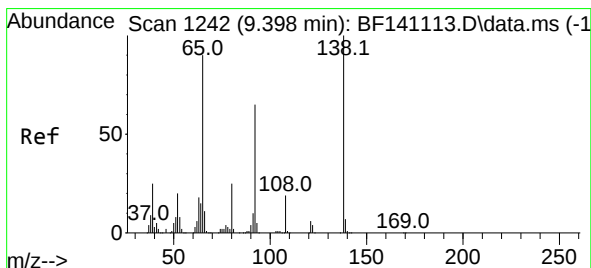
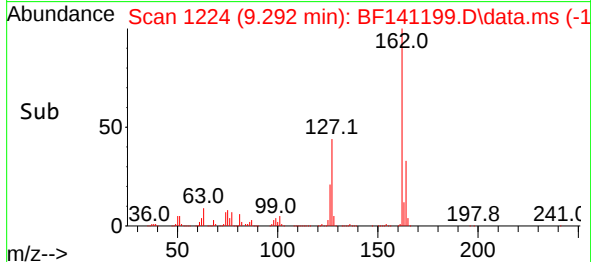
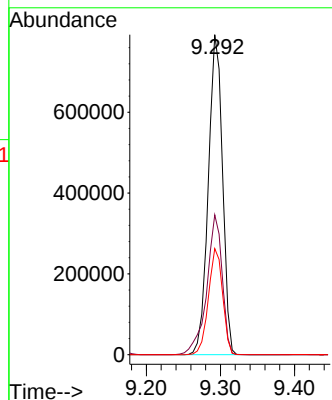
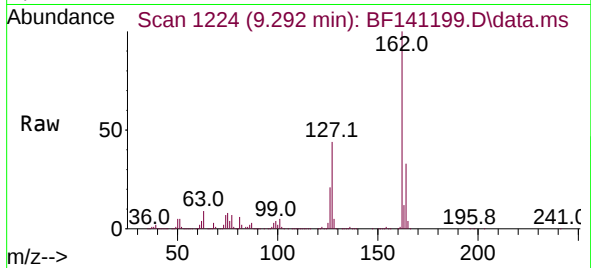




#47
2-Chloronaphthalene
Concen: 43.343 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

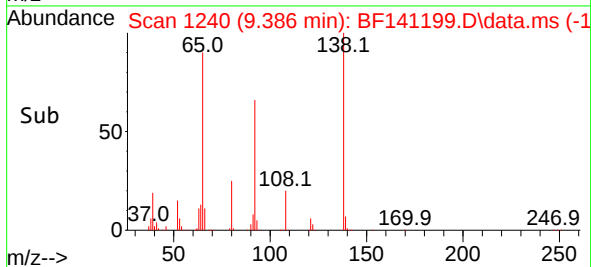
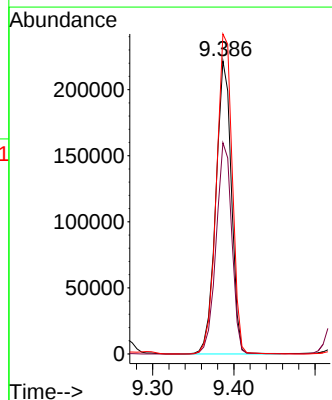
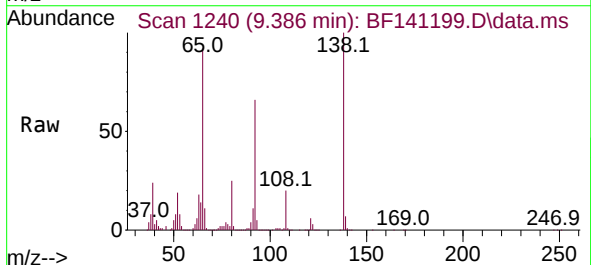
Instrument :
BNA_F
ClientSampleId :
366MSD

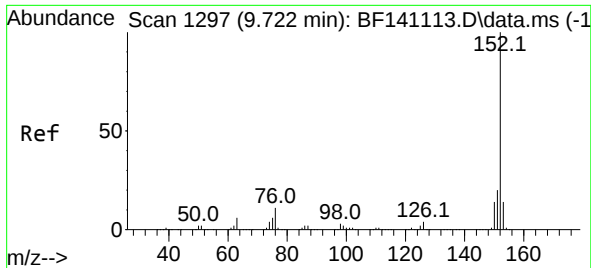
Tgt Ion:162 Resp: 1054841
Ion Ratio Lower Upper
162 100
127 43.7 34.6 51.8
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 41.047 ng
RT: 9.386 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion: 65 Resp: 296128
Ion Ratio Lower Upper
65 100
92 72.1 58.3 87.5
138 109.2 89.1 133.7

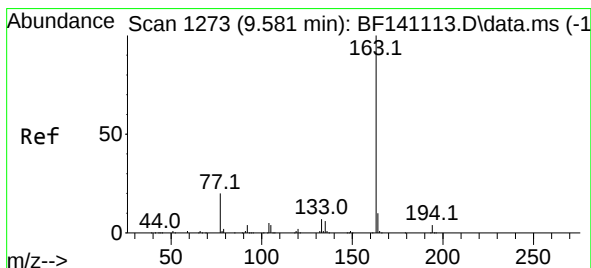
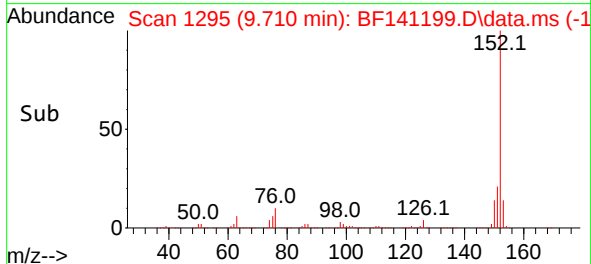
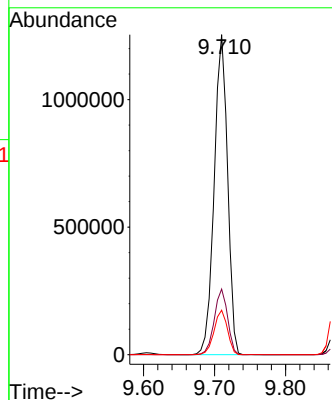
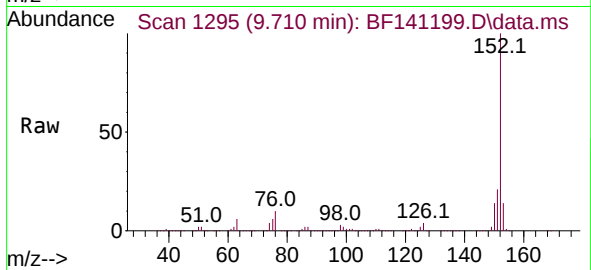




#49
Acenaphthylene
Concen: 47.070 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

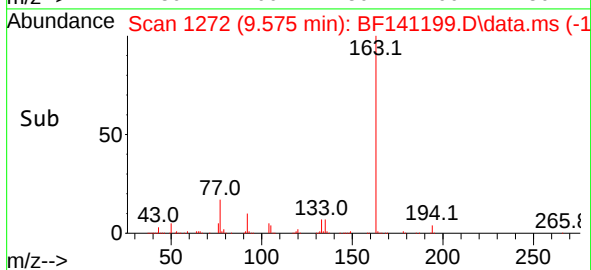
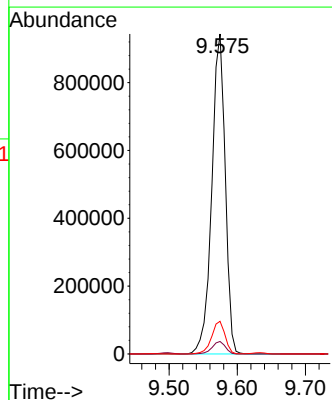
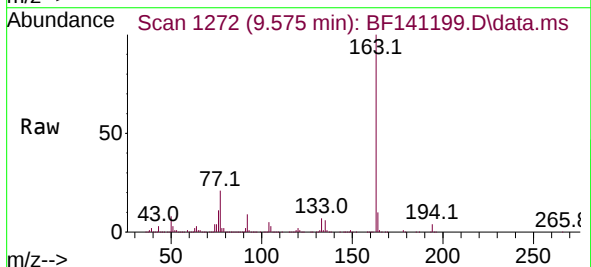
Instrument :
BNA_F
ClientSampleId :
366MSD

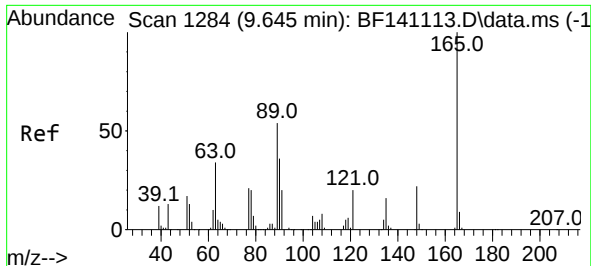
Tgt Ion:152 Resp: 1636662
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 48.018 ng
RT: 9.575 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:163 Resp: 1297028
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.4

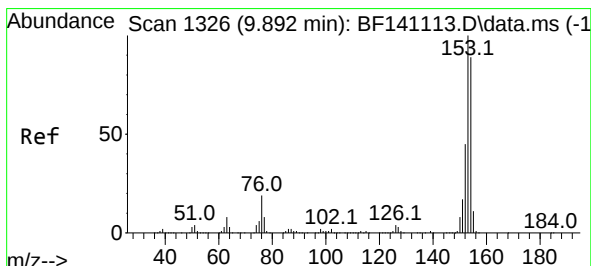
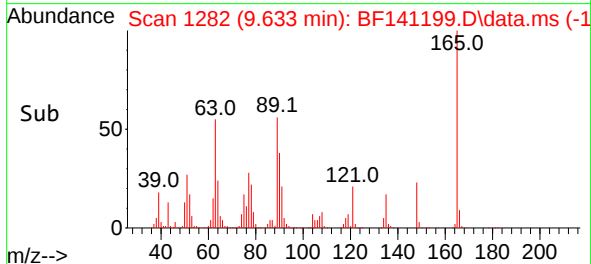
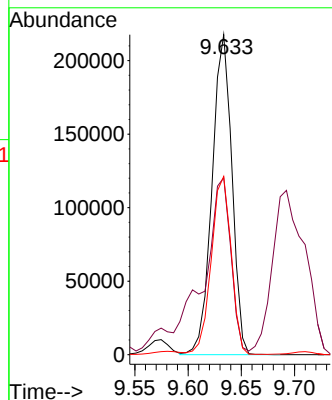
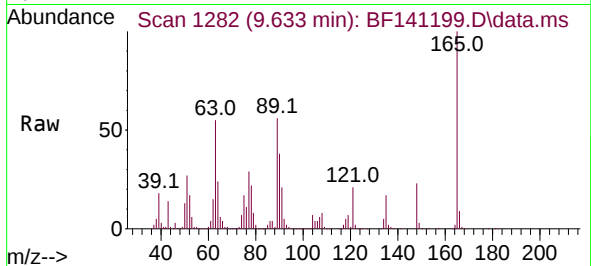




#51
2,6-Dinitrotoluene
Concen: 44.762 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

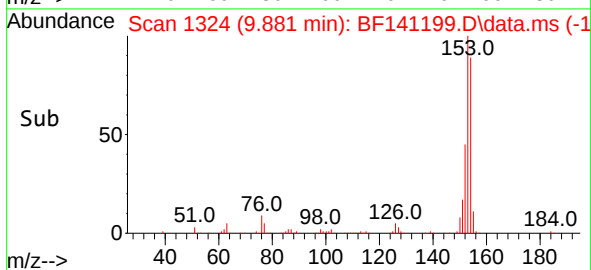
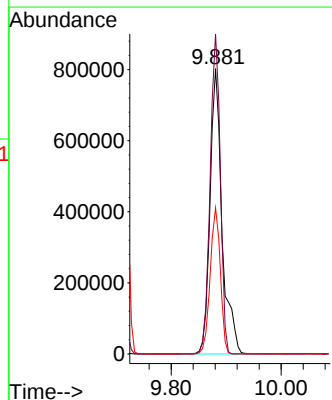
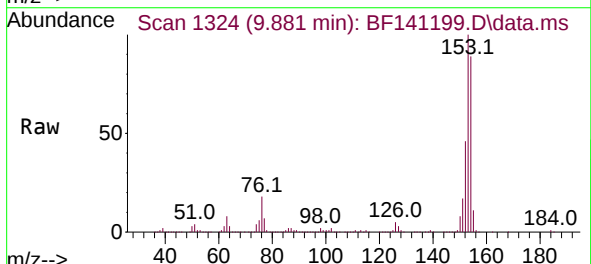
Instrument :
BNA_F
ClientSampleId :
366MSD

Tgt Ion:165 Resp: 281166
Ion Ratio Lower Upper
165 100
63 55.3 42.3 63.5
89 55.7 43.1 64.7



#52
Acenaphthene
Concen: 50.058 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:154 Resp: 1216031
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.6
152 51.2 40.8 61.2

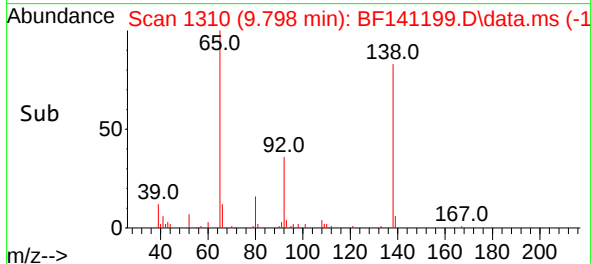
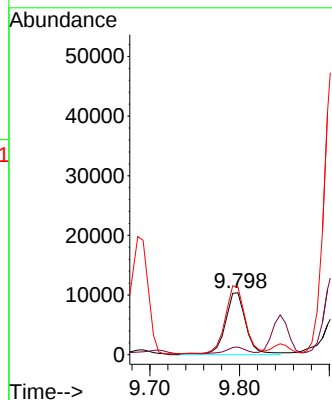
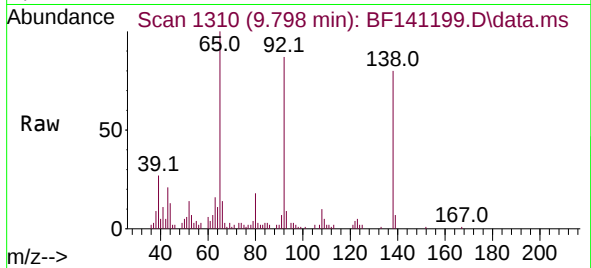




#53
3-Nitroaniline
Concen: 2.611 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

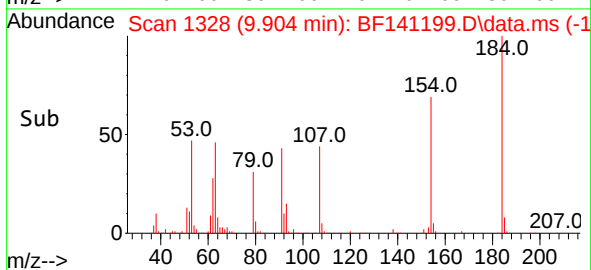
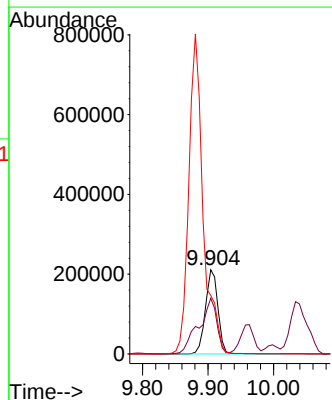
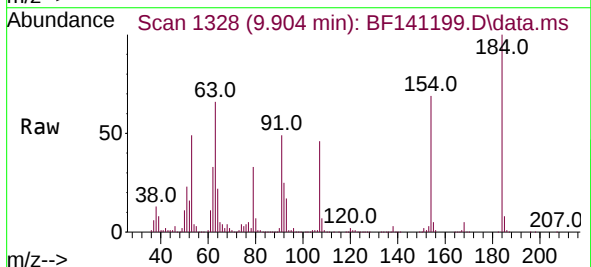
Instrument :
BNA_F
ClientSampleId :
366MSD

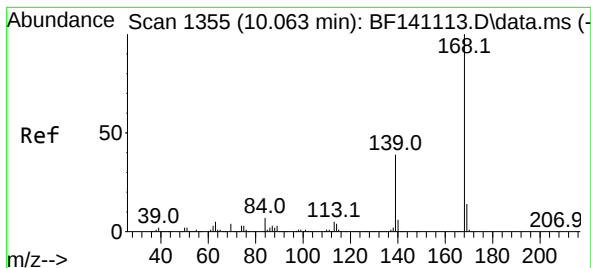
Tgt Ion:138 Resp: 16668
Ion Ratio Lower Upper
138 100
108 12.3 8.8 13.2
92 109.4 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 93.940 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:184 Resp: 280474
Ion Ratio Lower Upper
184 100
63 66.1 48.7 73.1
154 69.3 57.1 85.7

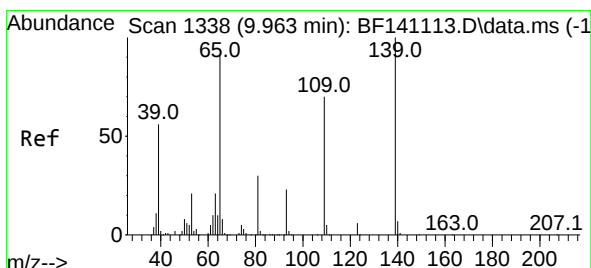
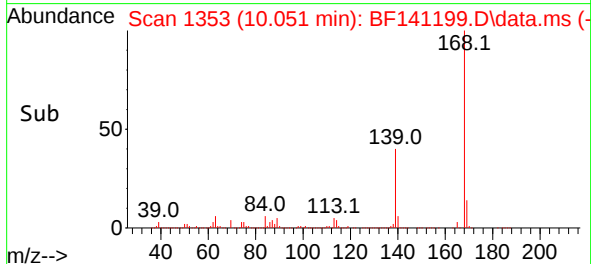
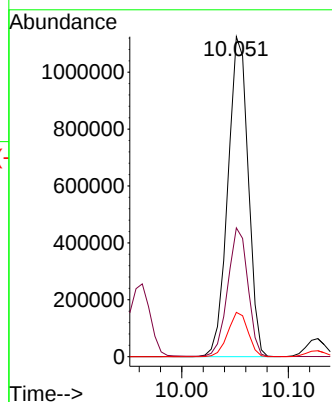
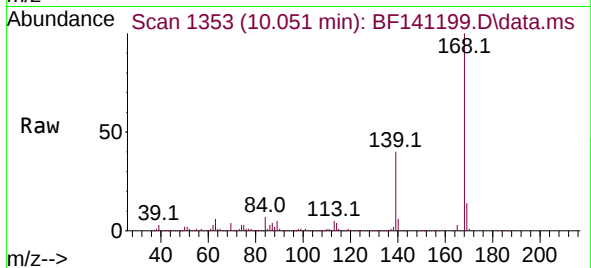




#55
Dibenzofuran
Concen: 45.166 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

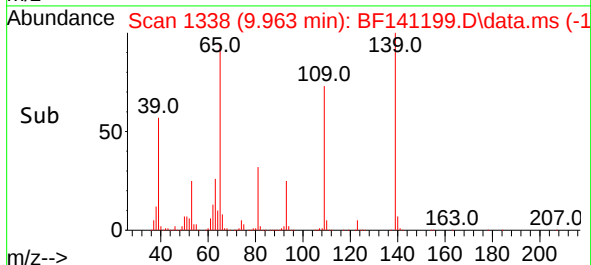
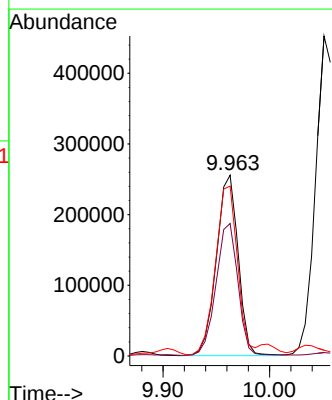
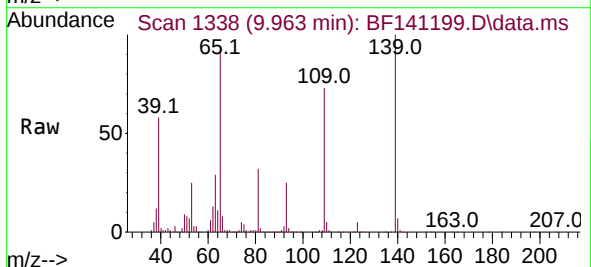
Instrument :
BNA_F
ClientSampleId :
366MSD

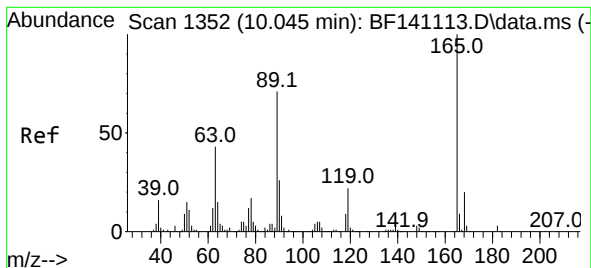
Tgt Ion:168 Resp: 1492399
Ion Ratio Lower Upper
168 100
139 40.3 31.4 47.0
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 72.286 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:139 Resp: 361367
Ion Ratio Lower Upper
139 100
109 73.2 50.2 90.2
65 94.0 72.1 112.1

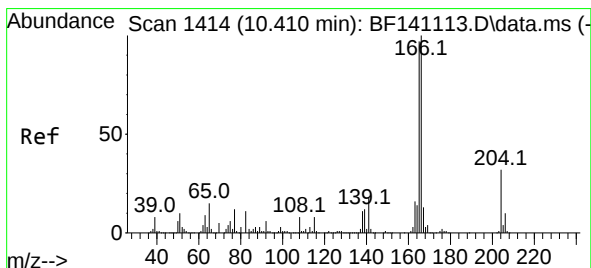
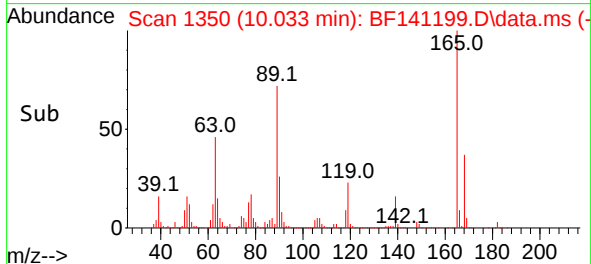
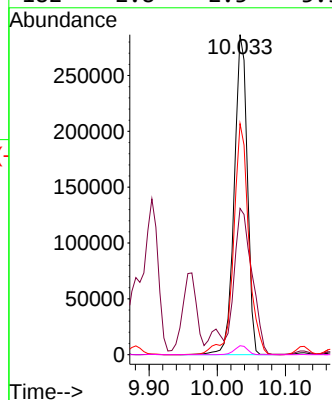
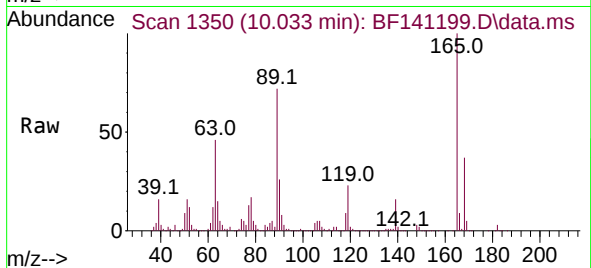




#57
2,4-Dinitrotoluene
Concen: 47.170 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

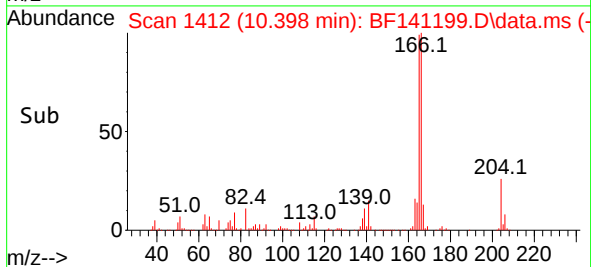
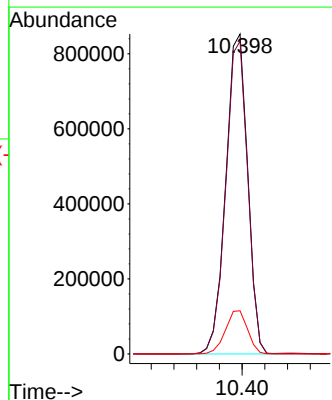
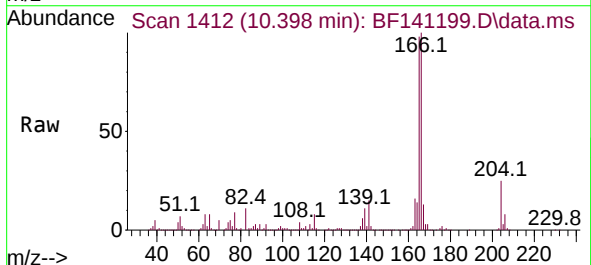
Instrument :
BNA_F
ClientSampleId :
366MSD

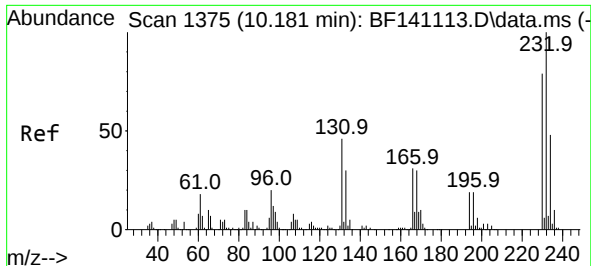
Tgt Ion:165	Resp:	381845	
Ion	Ratio	Lower	Upper
165	100		
63	45.7	35.0	52.4
89	72.2	56.7	85.1
182	2.8	2.3	3.5



#58
Fluorene
Concen: 44.444 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:166	Resp:	1140913	
Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.5	10.8	16.2

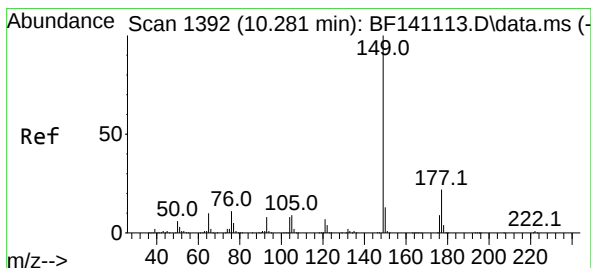
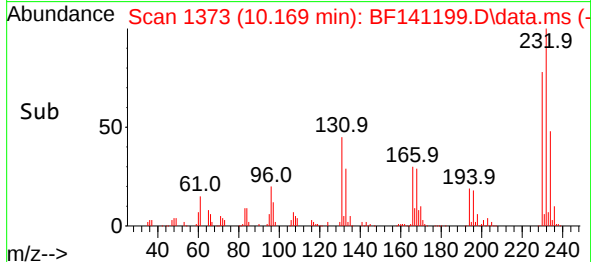
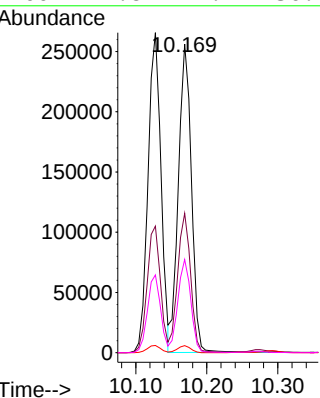
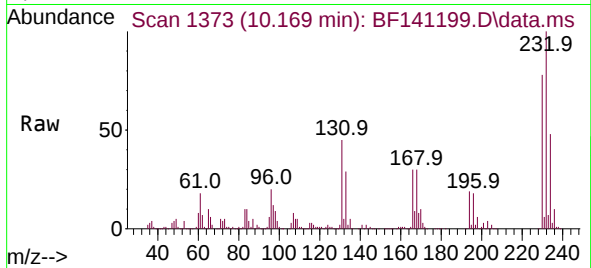




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.661 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

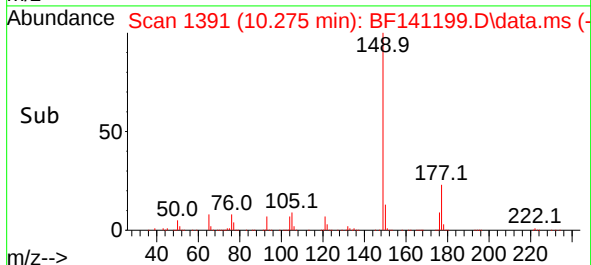
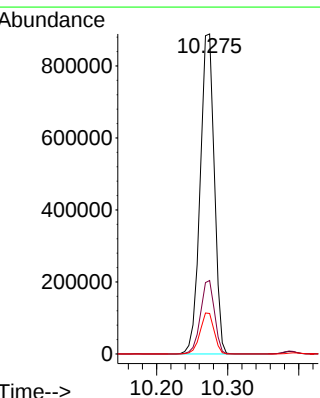
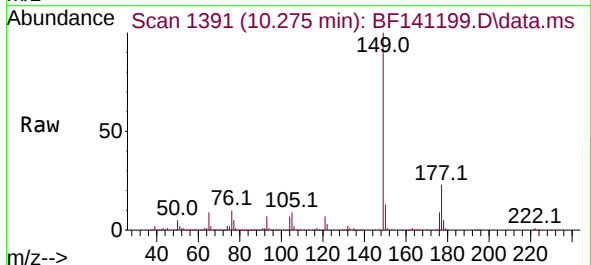
Instrument :
BNA_F
ClientSampleId :
366MSD

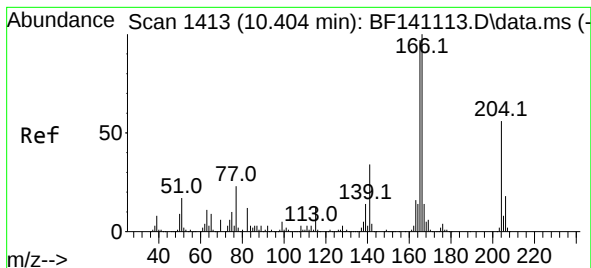
Tgt Ion:232 Resp: 325873
Ion Ratio Lower Upper
232 100
131 45.1 36.2 54.4
130 2.3 2.0 3.0
166 29.8 24.2 36.4



#60
Diethylphthalate
Concen: 46.627 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:149 Resp: 1229548
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.7 10.2 15.2

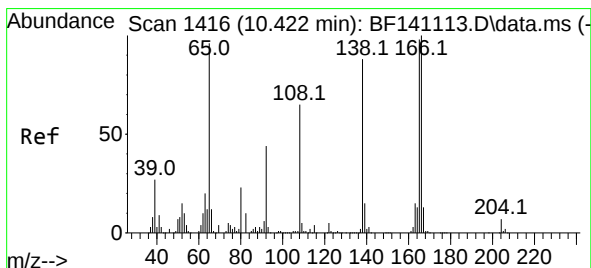
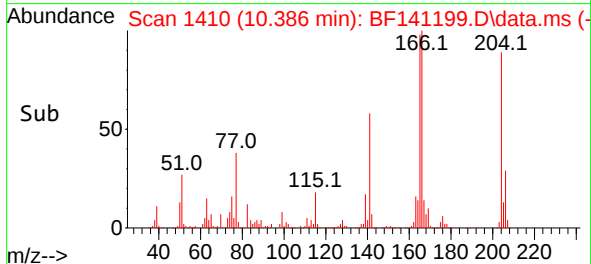
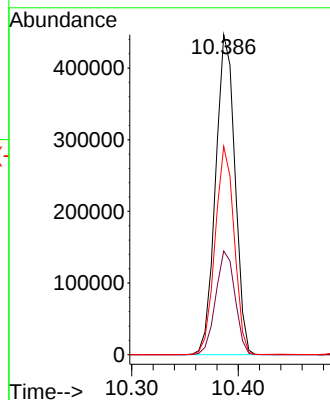
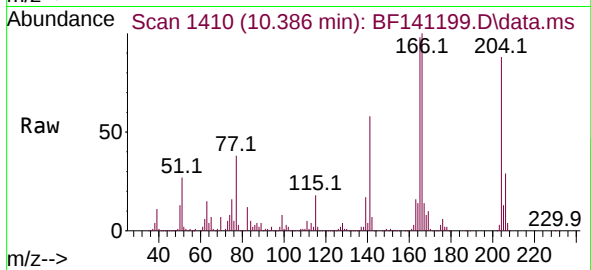




#61
4-Chlorophenyl-phenylether
Concen: 45.045 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

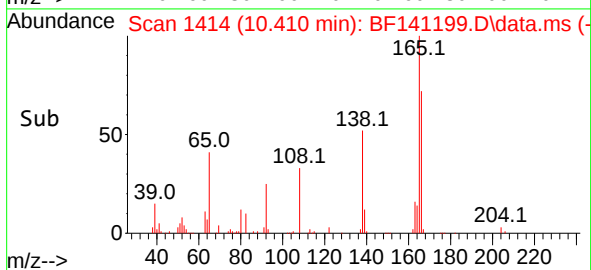
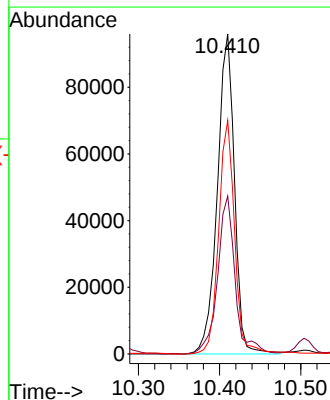
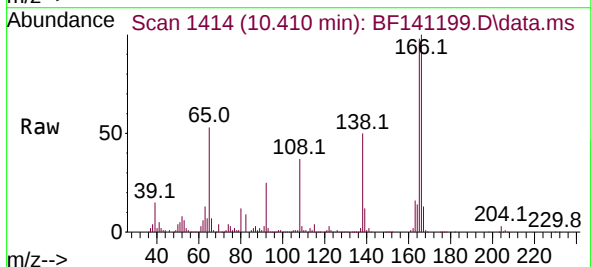
Instrument :
BNA_F
ClientSampleId :
366MSD

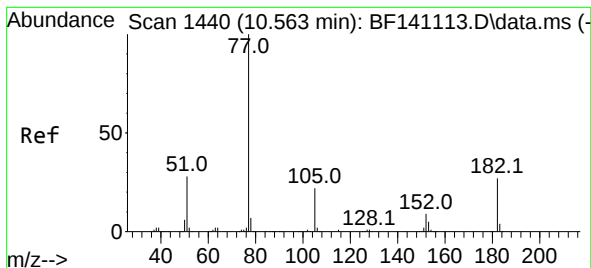
Tgt Ion:204 Resp: 563579
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 65.1 49.1 73.7



#62
4-Nitroaniline
Concen: 22.586 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:138 Resp: 141109
Ion Ratio Lower Upper
138 100
92 49.3 29.4 69.4
108 73.0 53.7 93.7





#63

Azobenzene

Concen: 41.606 ng

RT: 10.545 min Scan# 1440

Delta R.T. -0.018 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

Tgt Ion: 77 Resp: 1082585

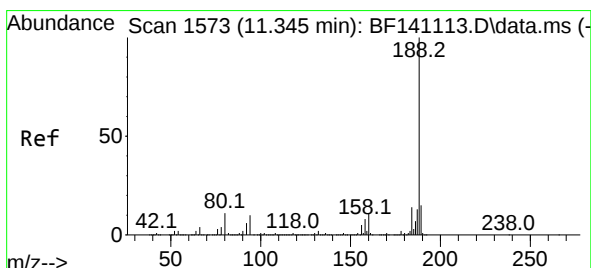
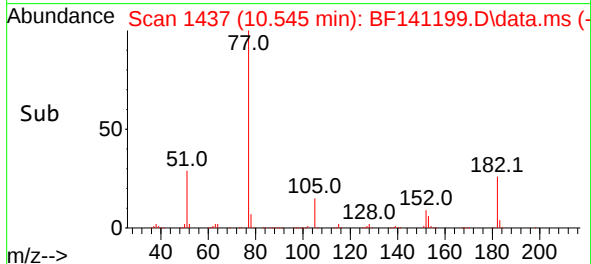
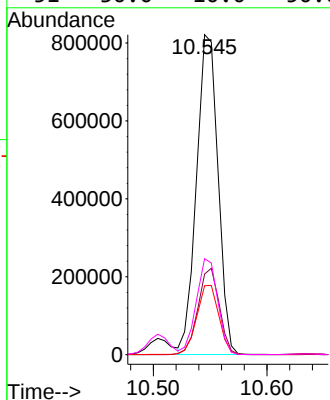
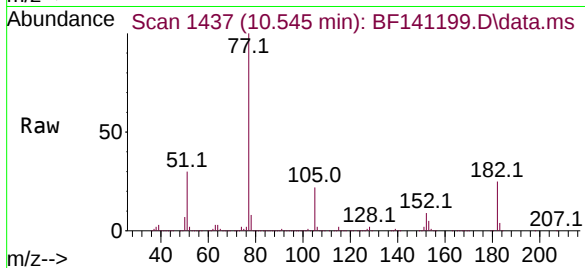
Ion Ratio Lower Upper

77 100

182 25.2 6.1 46.1

105 21.5 2.1 42.1

51 30.0 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: BF141199.D

Acq: 17 Jan 2025 18:07

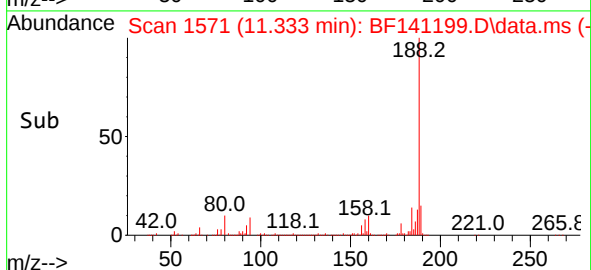
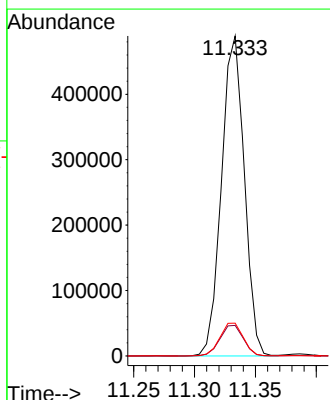
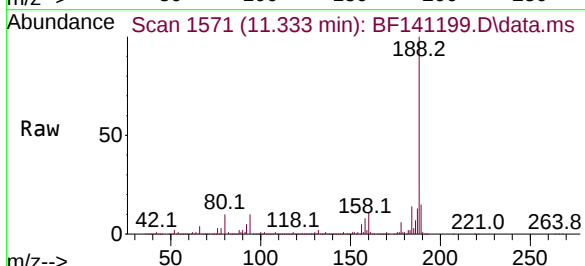
Tgt Ion:188 Resp: 637405

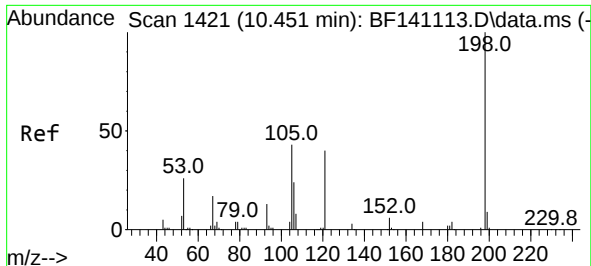
Ion Ratio Lower Upper

188 100

94 9.5 8.3 12.5

80 10.3 9.0 13.4

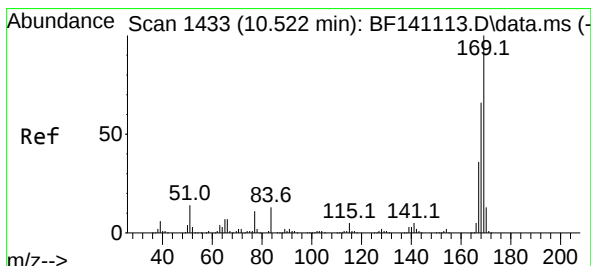
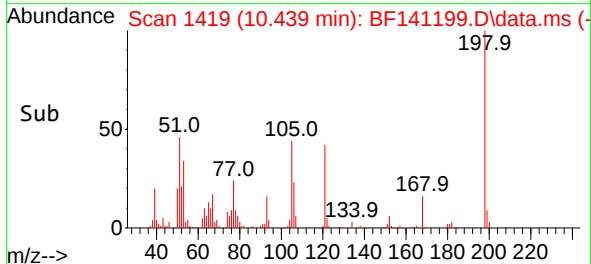
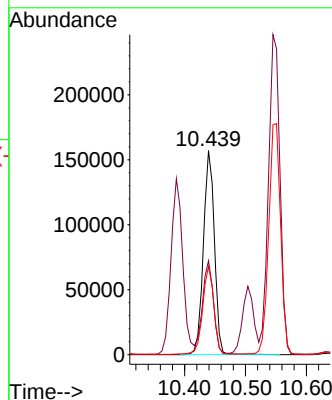
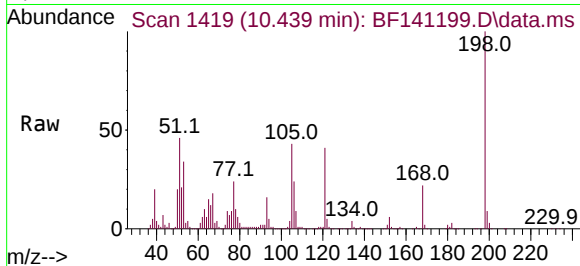




#65
4,6-Dinitro-2-methylphenol
Concen: 53.487 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

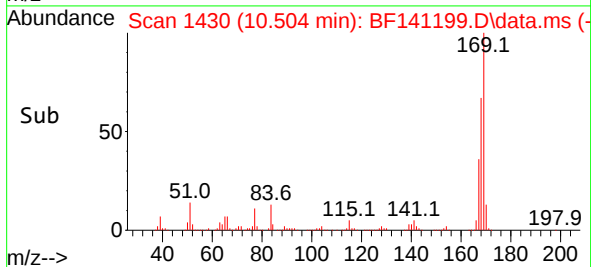
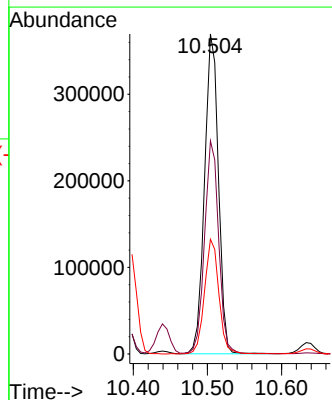
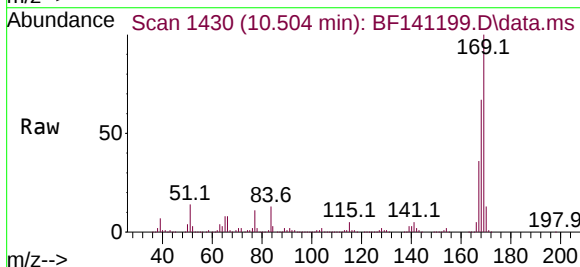
Instrument :
BNA_F
ClientSampleId :
366MSD

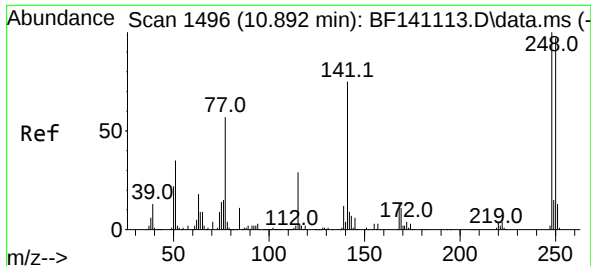
Tgt Ion:198 Resp: 197558
Ion Ratio Lower Upper
198 100
51 46.0 27.1 67.1
105 43.3 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 23.400 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.018 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:169 Resp: 481077
Ion Ratio Lower Upper
169 100
168 66.6 52.5 78.7
167 35.8 28.9 43.3

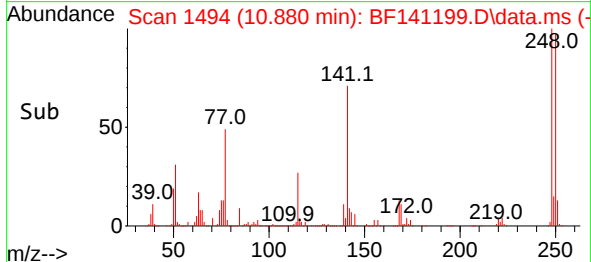
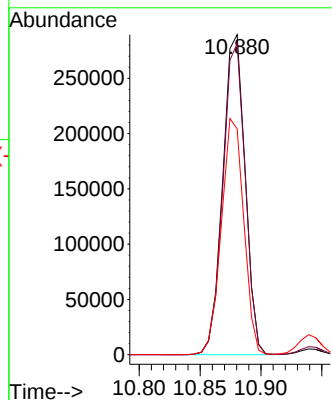
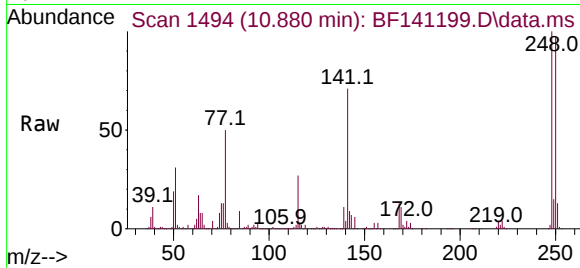




#67
4-Bromophenyl-phenylether
Concen: 50.512 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

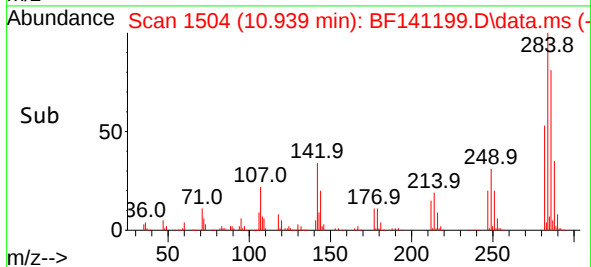
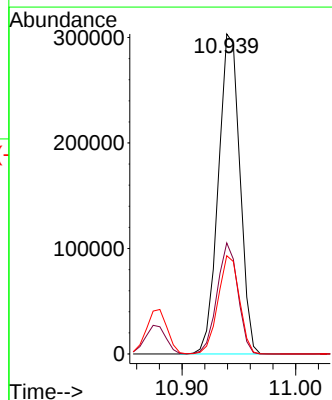
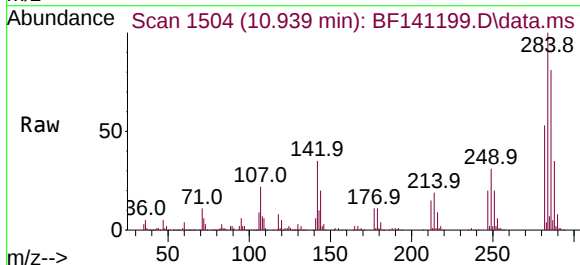
Instrument :
BNA_F
ClientSampleId :
366MSD

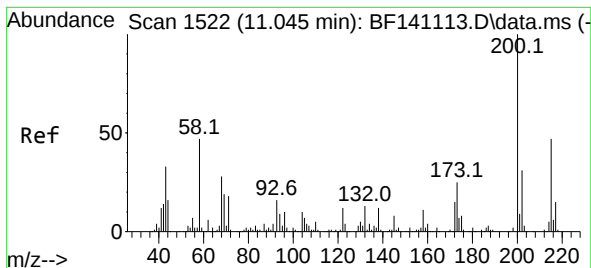
Tgt Ion:248 Resp: 370677
Ion Ratio Lower Upper
248 100
250 97.2 77.9 116.9
141 70.6 59.9 89.9



#68
Hexachlorobenzene
Concen: 48.999 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.018 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:284 Resp: 400277
Ion Ratio Lower Upper
284 100
142 34.7 26.3 39.5
249 30.7 24.9 37.3





#69

Atrazine

Concen: 16.565 ng

RT: 11.028 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

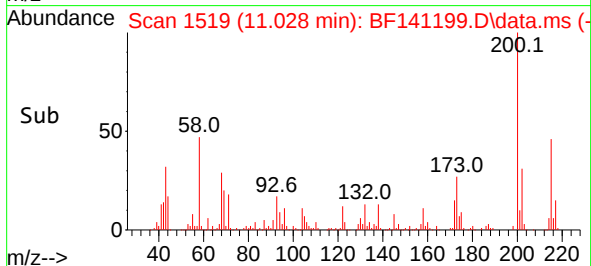
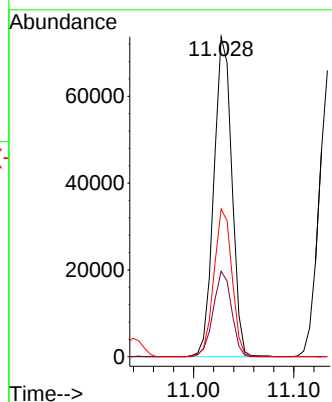
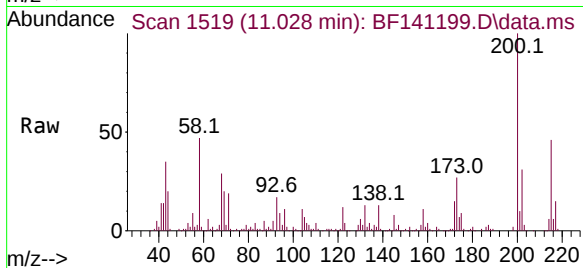
Tgt Ion:200 Resp: 91699

Ion Ratio Lower Upper

200 100

173 26.7 5.4 45.4

215 46.2 26.6 66.6



#70

Pentachlorophenol

Concen: 90.946 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

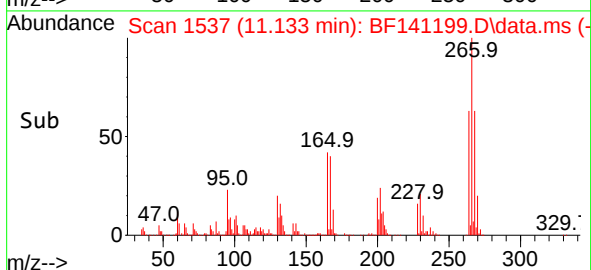
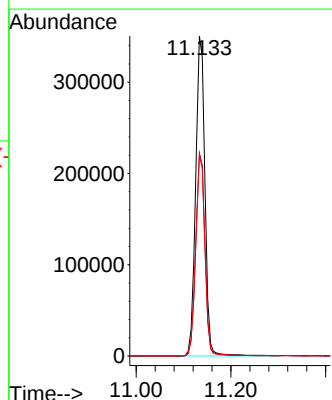
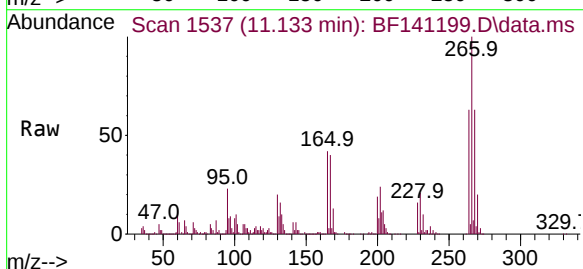
Tgt Ion:266 Resp: 475784

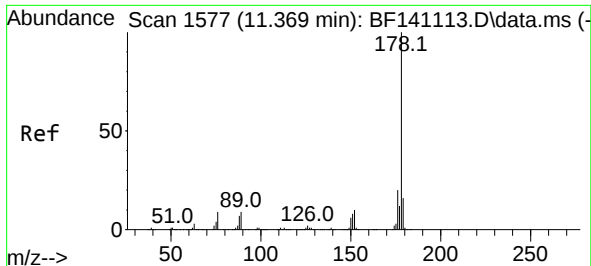
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 62.8 50.2 75.2

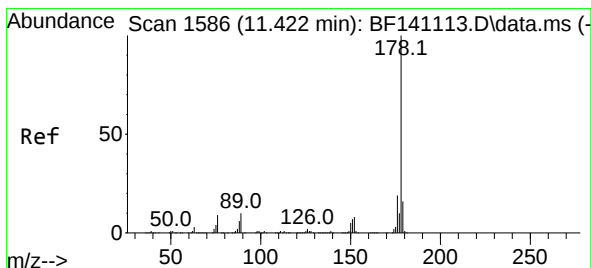
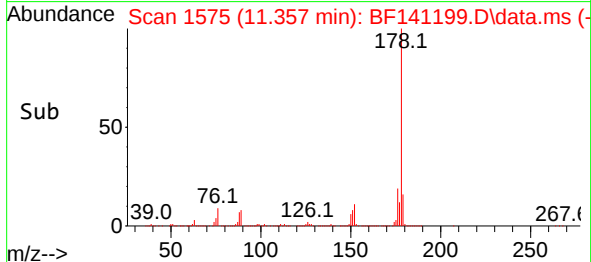
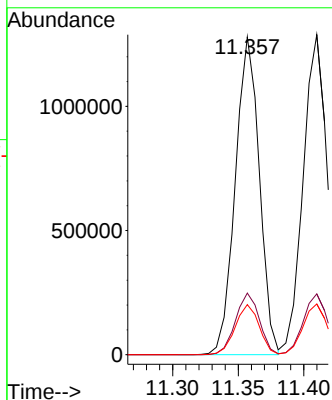
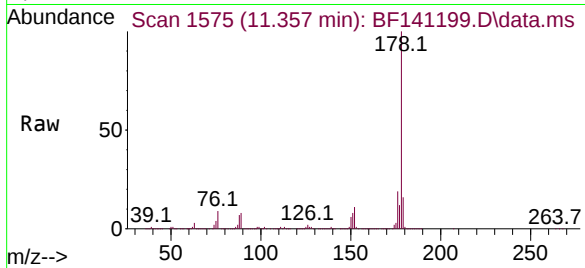




#71
Phenanthrene
Concen: 47.625 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

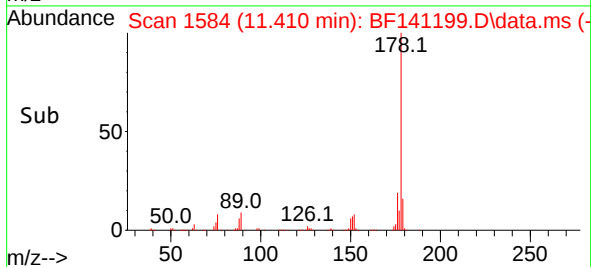
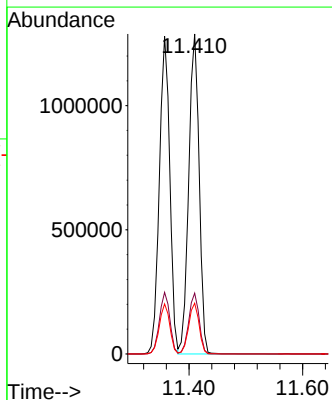
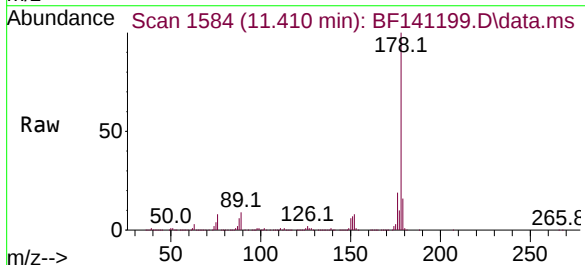
Instrument :
BNA_F
ClientSampleId :
366MSD

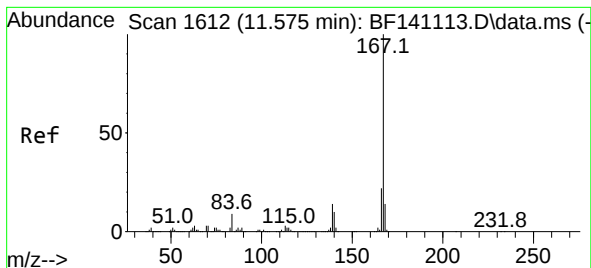
Tgt Ion:178 Resp: 1629728
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.8 12.6 19.0



#72
Anthracene
Concen: 49.364 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:178 Resp: 1642545
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.8 12.6 19.0





#73

Carbazole

Concen: 25.508 ng

RT: 11.557 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

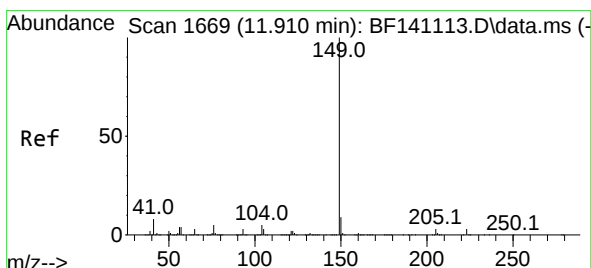
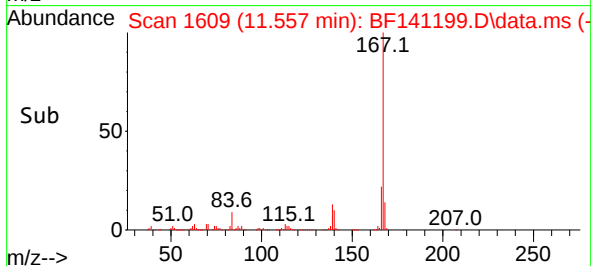
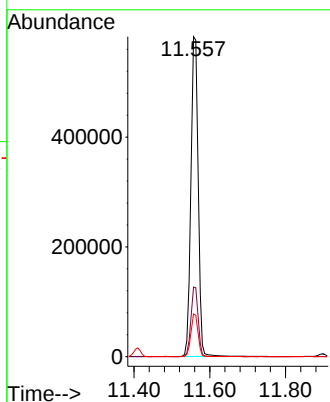
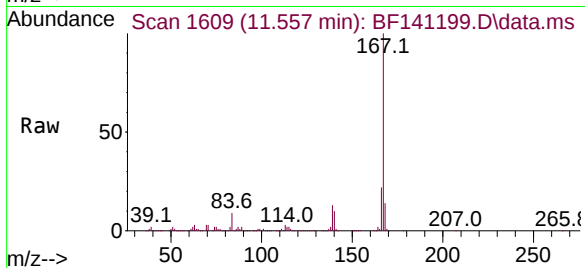
Tgt Ion:167 Resp: 778266

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.3 10.9 16.3



#74

Di-n-butylphthalate

Concen: 51.051 ng

RT: 11.898 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

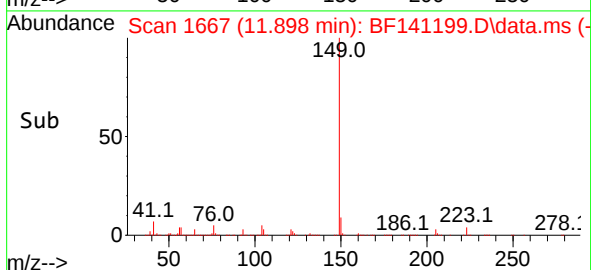
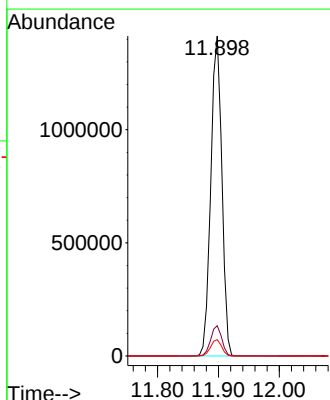
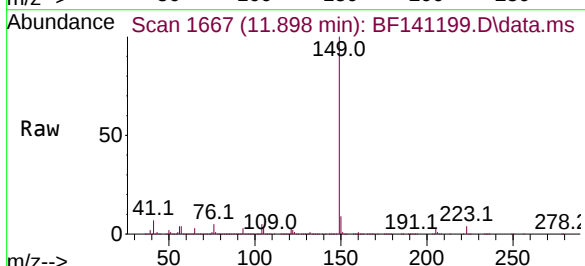
Tgt Ion:149 Resp: 1782513

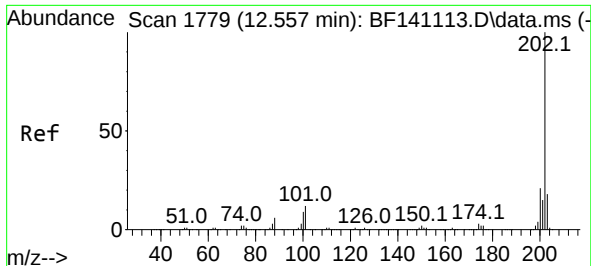
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.1 4.2 6.2

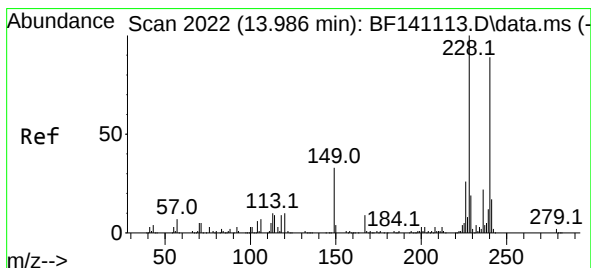
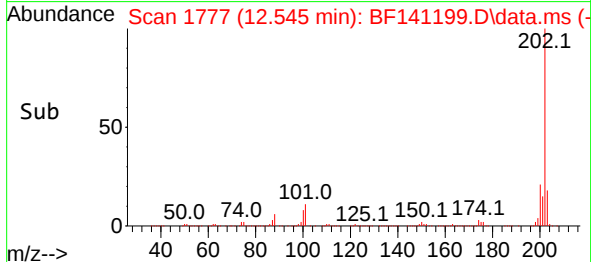
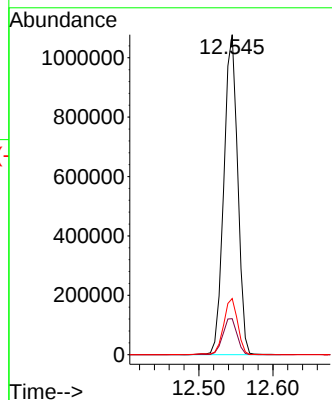
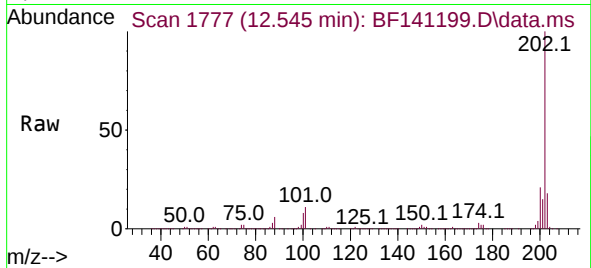




#75
Fluoranthene
Concen: 40.878 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

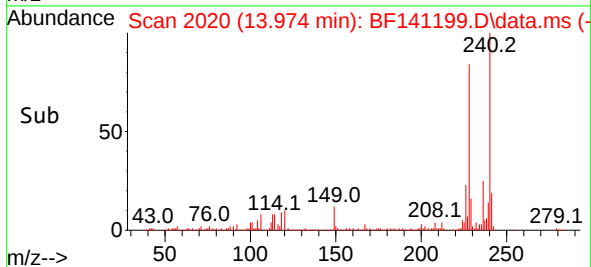
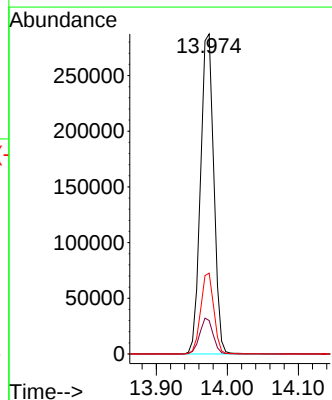
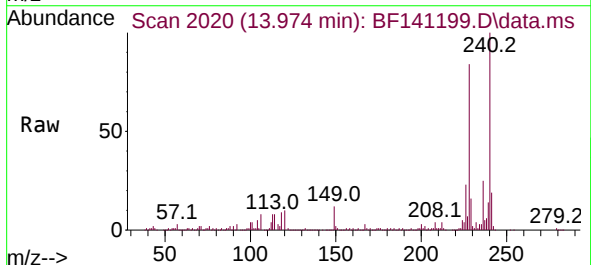
Instrument :
BNA_F
ClientSampleId :
366MSD

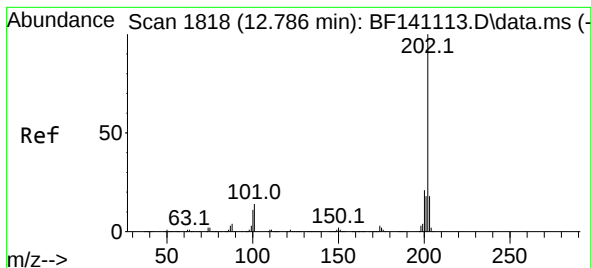
Tgt Ion:202 Resp: 1395939
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.3
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:240 Resp: 374444
Ion Ratio Lower Upper
240 100
120 10.5 9.1 13.7
236 25.2 19.8 29.6





#78

Pyrene

Concen: 38.354 ng

RT: 12.774 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

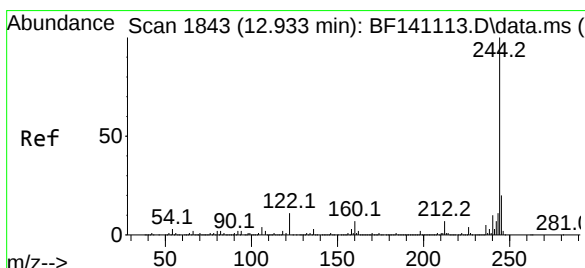
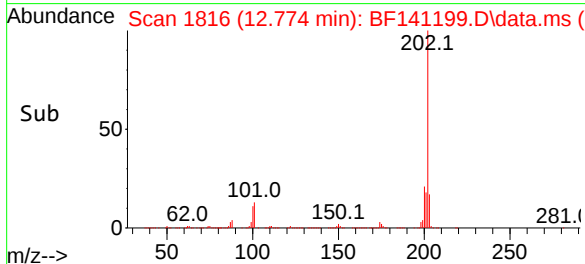
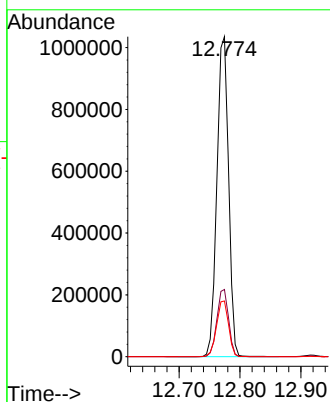
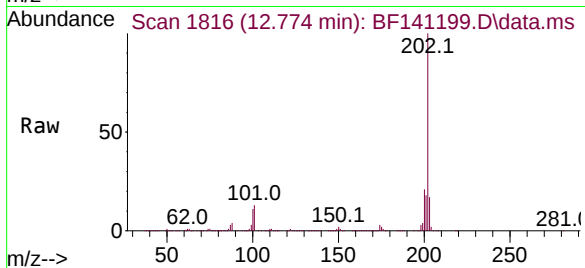
Tgt Ion:202 Resp: 1371686

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 17.4 14.3 21.5



#79

Terphenyl-d14

Concen: 77.837 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.018 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

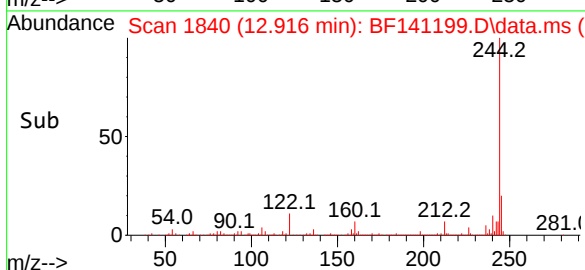
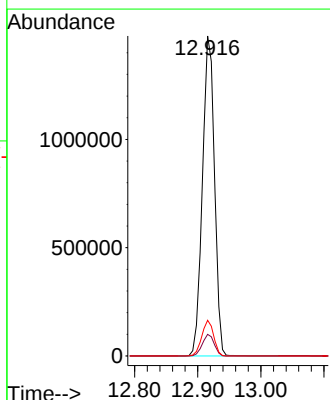
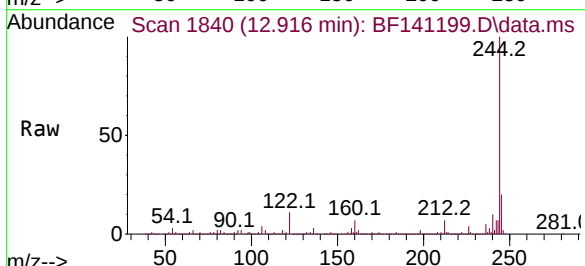
Tgt Ion:244 Resp: 1960947

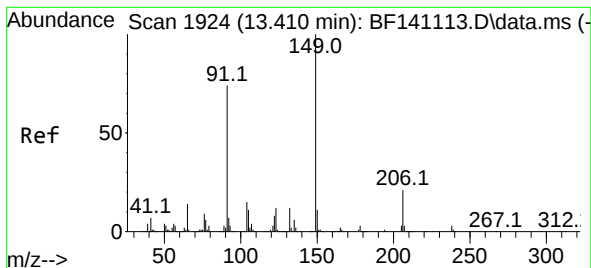
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.2 8.8 13.2





#80

Butylbenzylphthalate

Concen: 46.461 ng

RT: 13.392 min Scan# 1924

Delta R.T. -0.018 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

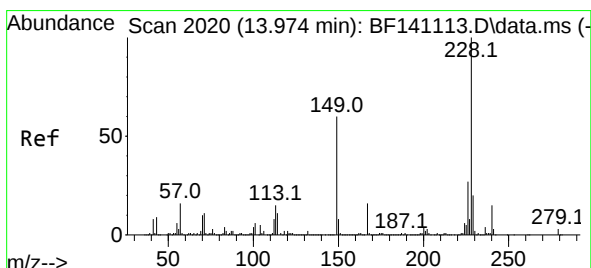
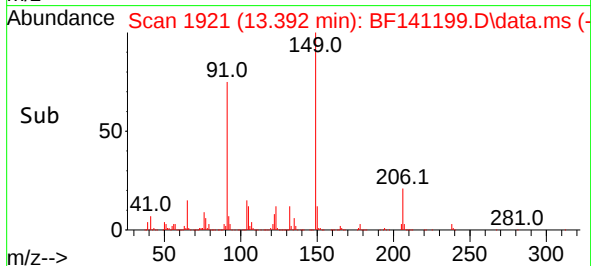
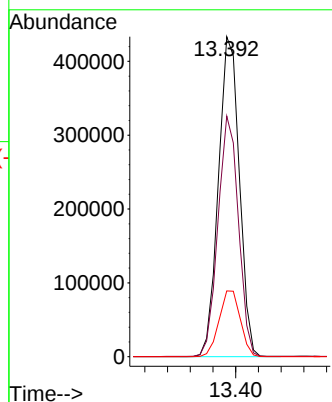
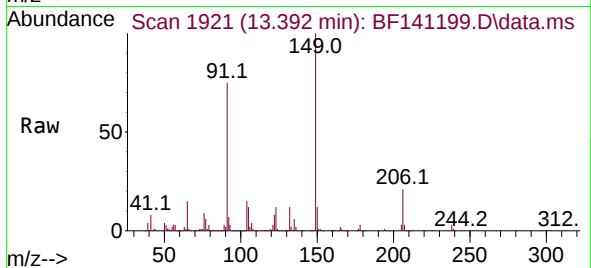
Tgt Ion:149 Resp: 554003

Ion Ratio Lower Upper

149 100

91 75.2 59.0 88.6

206 20.5 16.5 24.7



#81

Benzo(a)anthracene

Concen: 44.144 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

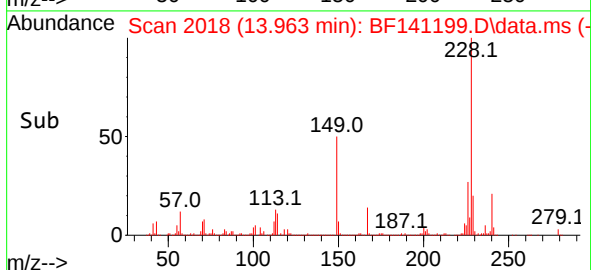
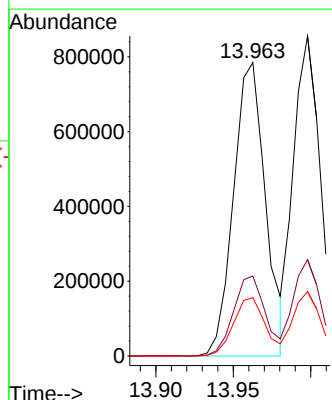
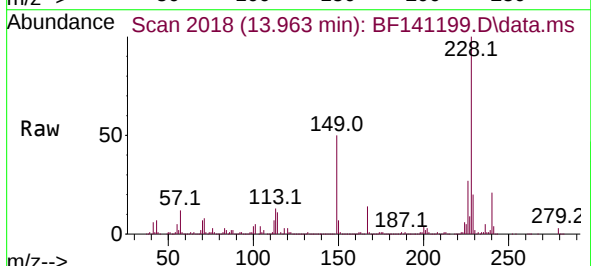
Tgt Ion:228 Resp: 1124931

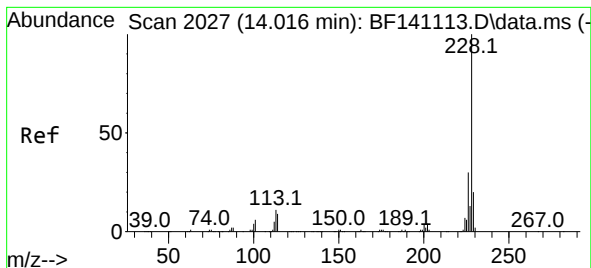
Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.8 15.7 23.5





#83

Chrysene

Concen: 43.318 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

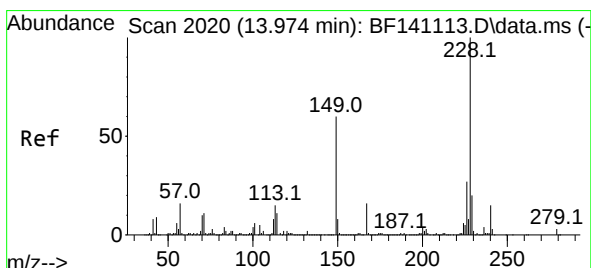
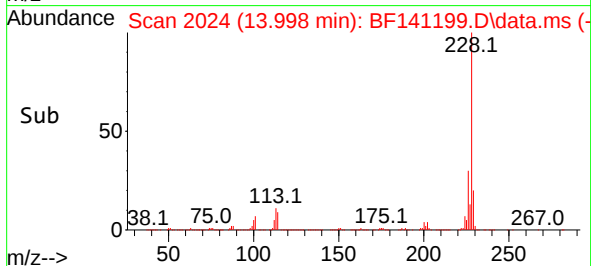
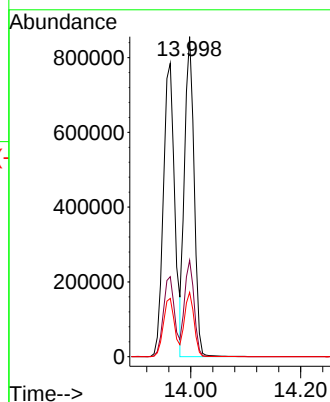
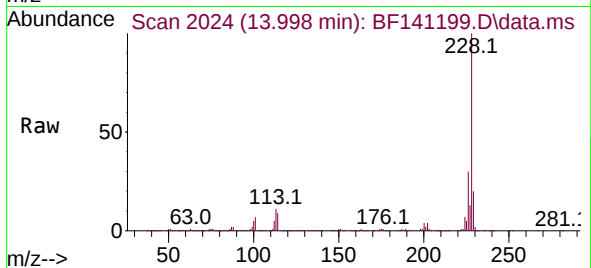
Tgt Ion:228 Resp: 1032886

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.590 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

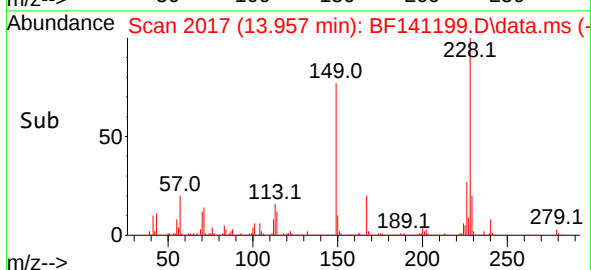
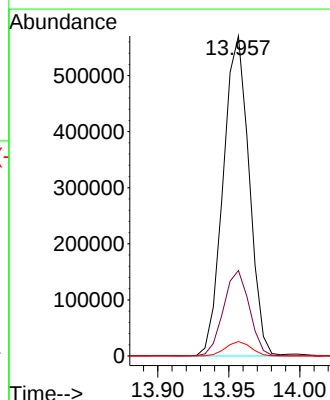
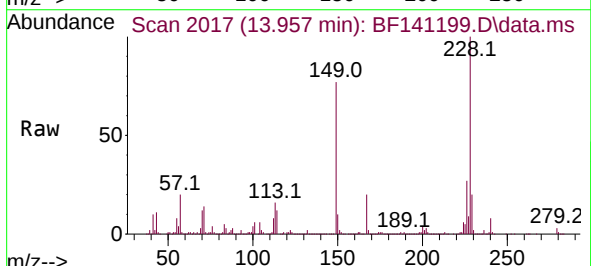
Tgt Ion:149 Resp: 723803

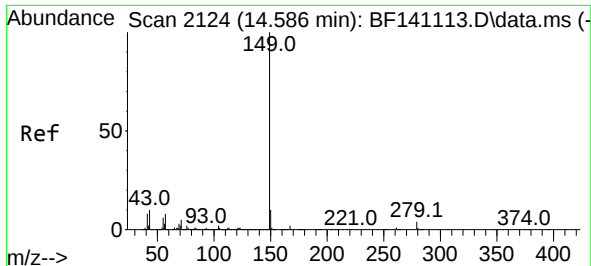
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

279 4.5 3.4 5.2

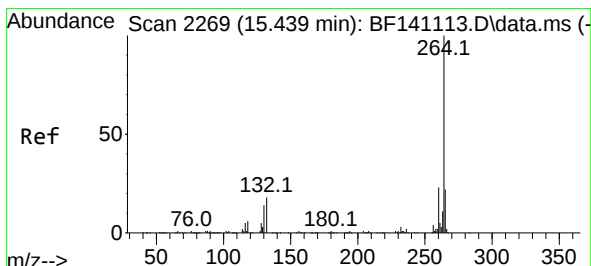
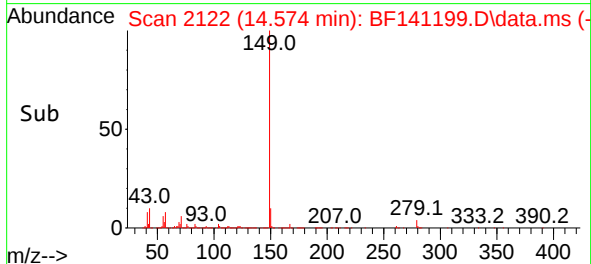
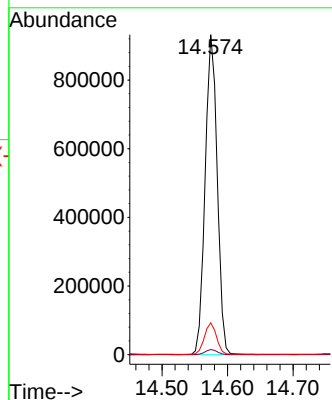
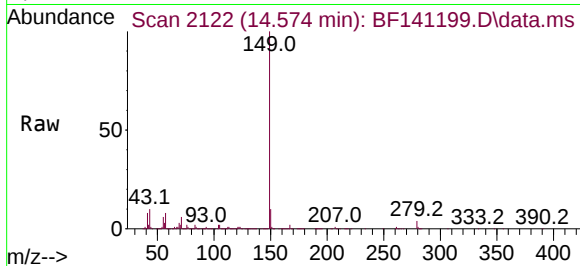




#85
Di-n-octyl phthalate
Concen: 55.300 ng
RT: 14.574 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

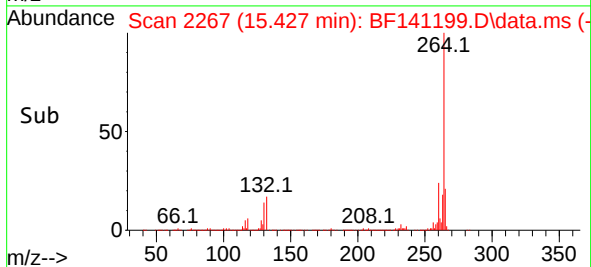
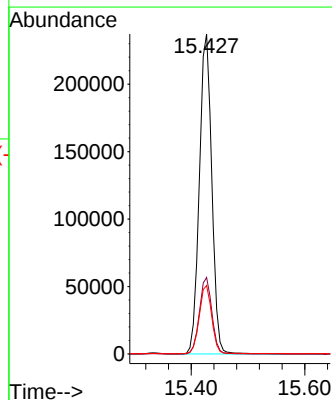
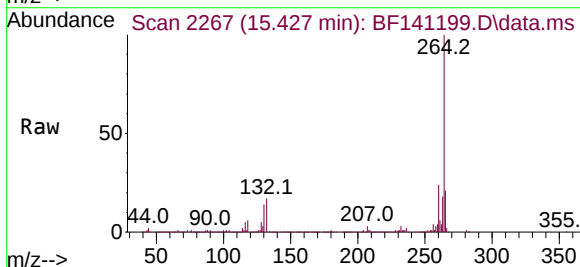
Instrument :
BNA_F
ClientSampleId :
366MSD

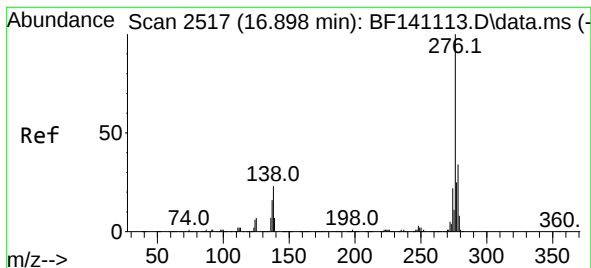
Tgt Ion:149 Resp: 1194752
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:264 Resp: 360435
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.846 ng

RT: 16.868 min Scan# 2195

Delta R.T. -0.029 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

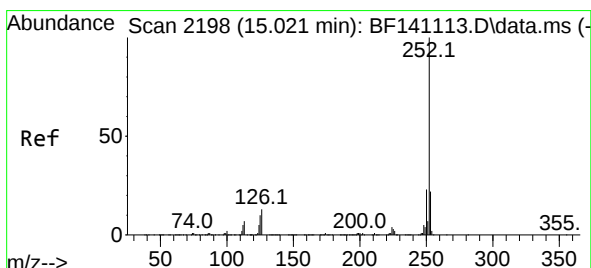
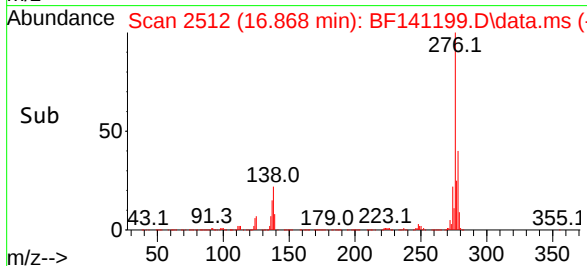
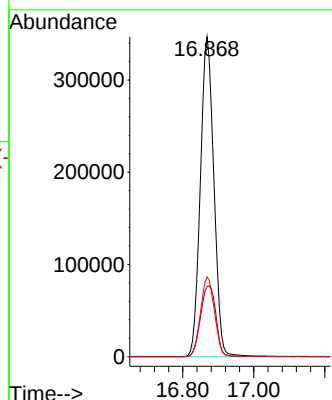
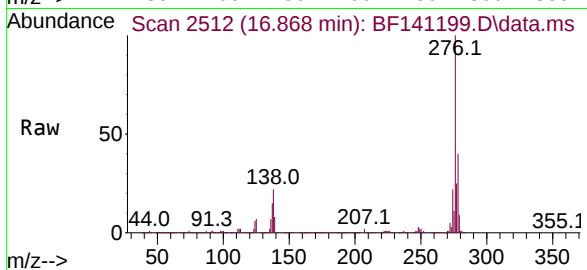
Tgt Ion:276 Resp: 920150

Ion Ratio Lower Upper

276 100

138 25.0 20.7 31.1

277 25.9 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 52.181 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

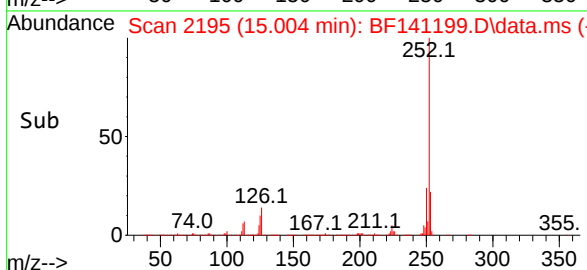
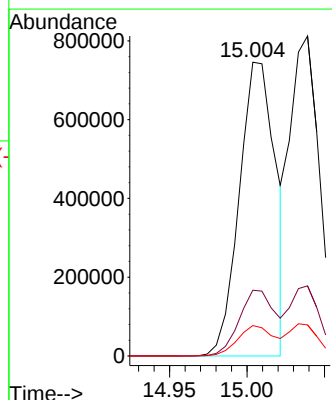
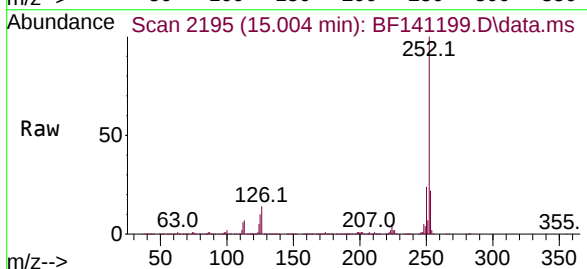
Tgt Ion:252 Resp: 1212795

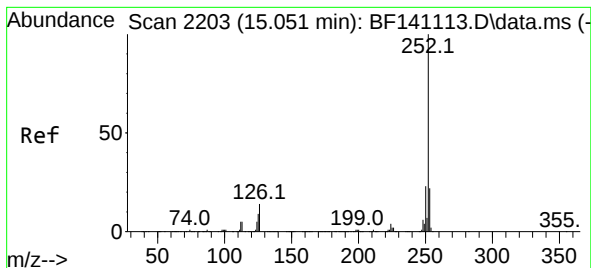
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 54.866 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

Instrument :

BNA_F

ClientSampleId :

366MSD

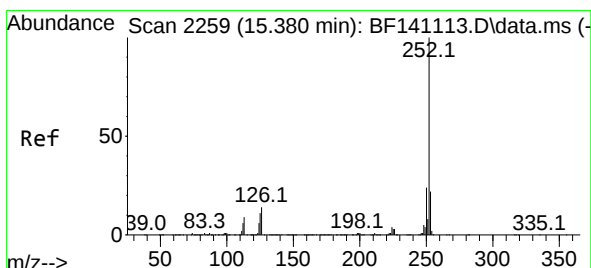
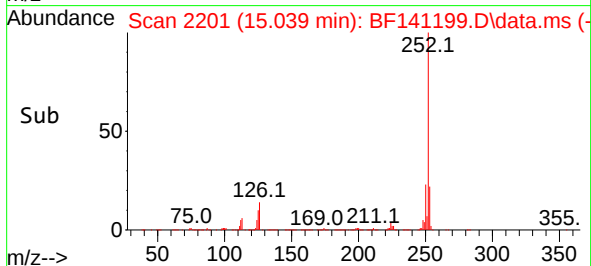
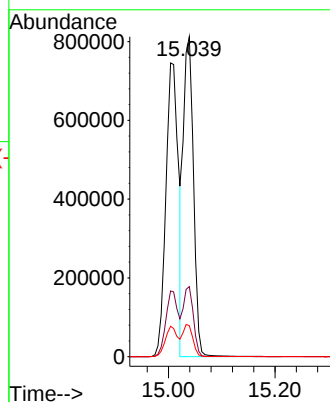
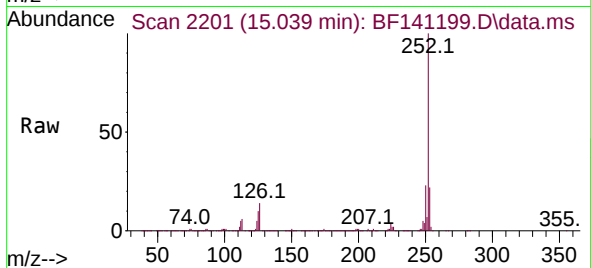
Tgt Ion:252 Resp: 1077653

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 9.7 7.9 11.9



#90

Benzo(a)pyrene

Concen: 53.900 ng

RT: 15.368 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF141199.D

Acq: 17 Jan 2025 18:07

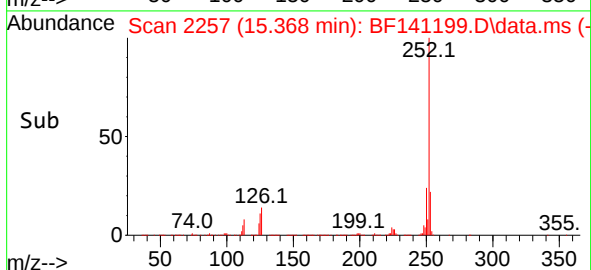
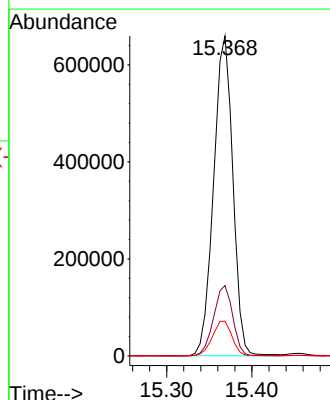
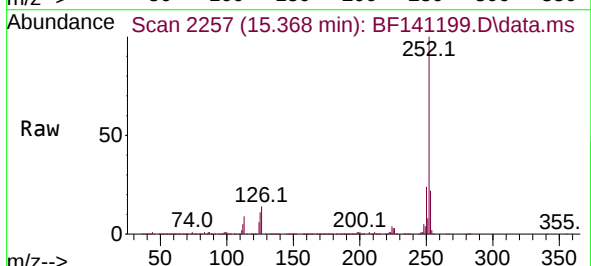
Tgt Ion:252 Resp: 1033581

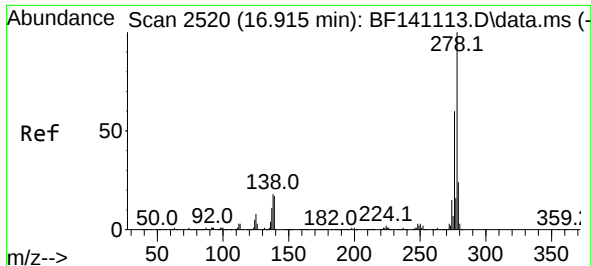
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.9 9.1 13.7

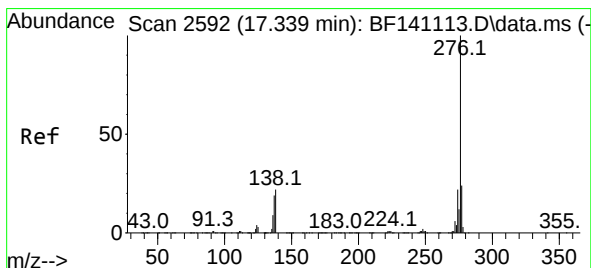
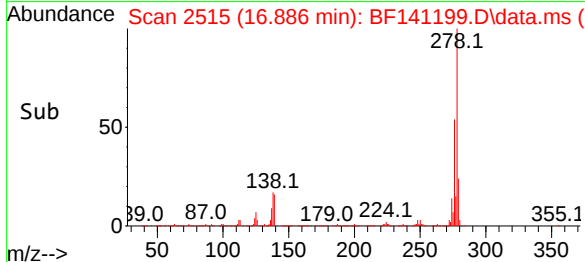
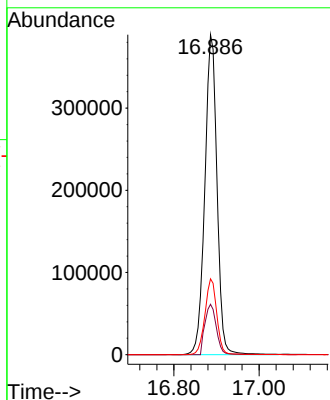
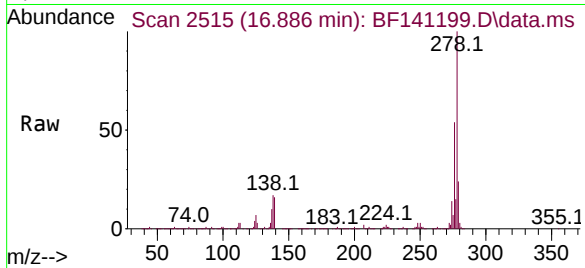




#91
Dibenzo(a,h)anthracene
Concen: 36.196 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Instrument :
BNA_F
ClientSampleId :
366MSD

Tgt Ion:278 Resp: 773062
Ion Ratio Lower Upper
278 100
139 15.7 13.8 20.6
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 28.068 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.035 min
Lab File: BF141199.D
Acq: 17 Jan 2025 18:07

Tgt Ion:276 Resp: 623532
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.4
138 20.6 17.4 26.2

