

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141147.D
 Acq On : 14 Jan 2025 15:55
 Operator : RC/JU
 Sample : PB166045BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166045BS

Quant Time: Jan 14 16:51:18 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	6.816	152	131299	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	520469	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	278209	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	481266	20.000	ng	0.00
76) Chrysene-d12	13.986	240	303765	20.000	ng	0.00
86) Perylene-d12	15.445	264	266784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1151175	135.442	ng	0.01
7) Phenol-d6	6.445	99	1430582	132.876	ng	0.00
23) Nitrobenzene-d5	7.381	82	927439	94.457	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	493898	155.803	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1741217	95.573	ng	0.00
79) Terphenyl-d14	12.933	244	2054600	100.530	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	165606	43.754	ng	97
3) Pyridine	3.369	79	422648	45.536	ng	97
4) n-Nitrosodimethylamine	3.316	42	223387	49.223	ng	100
6) Aniline	6.481	93	400883	41.939	ng	99
8) 2-Chlorophenol	6.598	128	467200	51.235	ng	98
9) Benzaldehyde	6.363	77	58241	9.185	ng	98
10) Phenol	6.457	94	567403	49.233	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	434612	50.601	ng	96
12) 1,3-Dichlorobenzene	6.757	146	488802	48.062	ng	99
13) 1,4-Dichlorobenzene	6.840	146	496090	48.405	ng	99
14) 1,2-Dichlorobenzene	6.987	146	469871	49.150	ng	99
15) Benzyl Alcohol	6.963	79	392273	50.452	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.093	45	582940	48.638	ng	97
17) 2-Methylphenol	7.069	107	381866	51.870	ng	99
18) Hexachloroethane	7.334	117	183918	49.624	ng	98
19) n-Nitroso-di-n-propyla...	7.234	70	316422	49.893	ng	98
20) 3+4-Methylphenols	7.222	107	466264	50.201	ng	90
22) Acetophenone	7.228	105	617703	49.924	ng	# 97
24) Nitrobenzene	7.404	77	484955	47.391	ng	99
25) Isophorone	7.640	82	855738	50.999	ng	99
26) 2-Nitrophenol	7.716	139	242423	52.079	ng	97
27) 2,4-Dimethylphenol	7.751	122	383554	61.088	ng	99
28) bis(2-Chloroethoxy)met...	7.851	93	523261	49.690	ng	99
29) 2,4-Dichlorophenol	7.957	162	384707	51.590	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	403986	47.396	ng	99
31) Naphthalene	8.122	128	1342040	48.895	ng	100
32) Benzoic acid	7.869	122	280779	46.617	ng	100
33) 4-Chloroaniline	8.169	127	202951	21.381	ng	99
34) Hexachlorobutadiene	8.239	225	252591	49.180	ng	98
35) Caprolactam	8.534	113	123182m	50.456	ng	
36) 4-Chloro-3-methylphenol	8.651	107	421999	51.745	ng	99
37) 2-Methylnaphthalene	8.816	142	882691	50.467	ng	99
38) 1-Methylnaphthalene	8.916	142	817580	47.431	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	398475	49.902	ng	99
41) Hexachlorocyclopentadiene	8.969	237	512860	196.313	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	279558	51.909	ng	98

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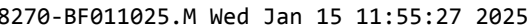
Instrument :
 BNA_F
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Quant Time: Jan 14 16:51:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	292413	51.411	ng	99
46) 1,1'-Biphenyl	9.281	154	1079351	49.957	ng	99
47) 2-Chloronaphthalene	9.304	162	818198	48.621	ng	100
48) 2-Nitroaniline	9.398	65	260281	52.177	ng	99
49) Acenaphthylene	9.722	152	1286866	53.525	ng	100
50) Dimethylphthalate	9.586	163	969562	51.911	ng	100
51) 2,6-Dinitrotoluene	9.645	165	219144	50.455	ng	99
52) Acenaphthene	9.892	154	948203	56.450	ng	99
53) 3-Nitroaniline	9.810	138	136496	30.925	ng	97
54) 2,4-Dinitrophenol	9.916	184	231013	111.900	ng	97
55) Dibenzofuran	10.069	168	1166441	51.053	ng	99
56) 4-Nitrophenol	9.969	139	374444	108.325	ng	96
57) 2,4-Dinitrotoluene	10.045	165	303025	54.137	ng	98
58) Fluorene	10.410	166	895535	50.452	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	262466	55.516	ng	99
60) Diethylphthalate	10.286	149	957635	52.520	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	444153	51.340	ng	97
62) 4-Nitroaniline	10.422	138	217728	50.401	ng	96
63) Azobenzene	10.563	77	929758	51.677	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	159638	57.243	ng	99
66) n-Nitrosodiphenylamine	10.522	169	806997	51.987	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	294884	53.220	ng	99
68) Hexachlorobenzene	10.957	284	322687	52.317	ng	98
69) Atrazine	11.045	200	280688	67.155	ng	99
70) Pentachlorophenol	11.145	266	411255	104.116	ng	99
71) Phenanthrene	11.369	178	1387297	53.693	ng	99
72) Anthracene	11.422	178	1409689	56.111	ng	99
73) Carbazole	11.575	167	1231824	53.473	ng	100
74) Di-n-butylphthalate	11.910	149	1454660	55.178	ng	100
75) Fluoranthene	12.557	202	1422286	55.163	ng	99
77) Benzidine	12.680	184	275651	48.934	ng	99
78) Pyrene	12.786	202	1436875	49.524	ng	100
80) Butylbenzylphthalate	13.410	149	538862	55.706	ng	99
81) Benzo(a)anthracene	13.974	228	1040498	50.331	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	205127	31.162	ng	100
83) Chrysene	14.010	228	999197	51.655	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	664287	57.234	ng	100
85) Di-n-octyl phthalate	14.592	149	963571	54.977	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1045789	53.506	ng	98
88) Benzo(b)fluoranthene	15.021	252	956837	55.620	ng	99
89) Benzo(k)fluoranthene	15.051	252	760646	52.321	ng	99
90) Benzo(a)pyrene	15.386	252	808379	56.954	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	840852	53.190	ng	97
92) Benzo(g,h,i)perylene	17.339	276	789754	48.029	ng	99

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

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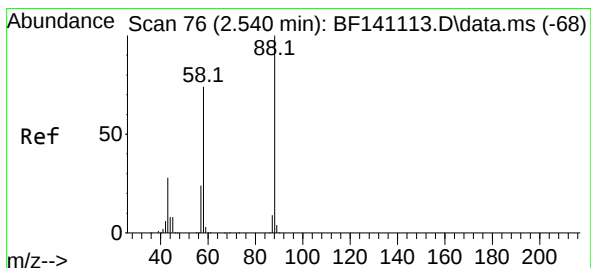
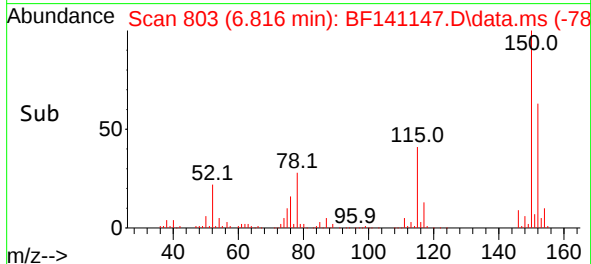
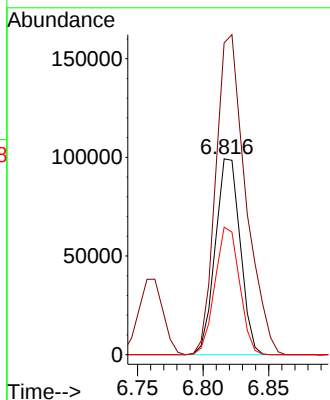
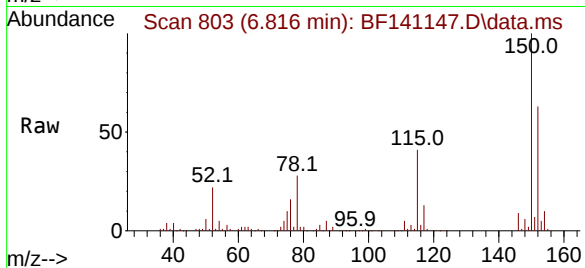




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141147.D
 Acq: 14 Jan 2025 15:55

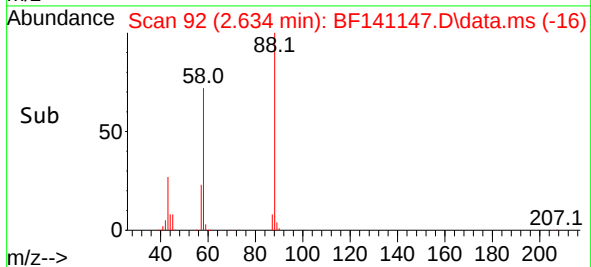
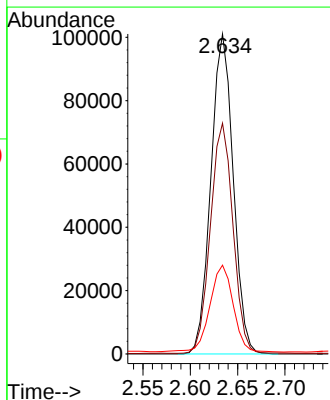
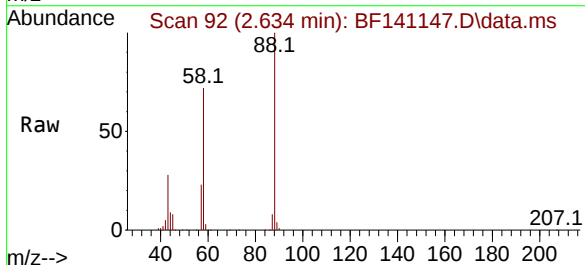
Instrument :
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 PB166045BS

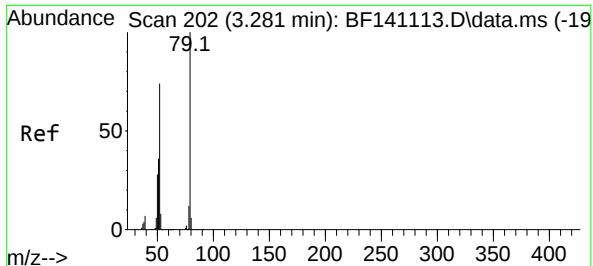
Tgt Ion:152 Resp: 131299
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.8 188.8
 115 65.1 51.4 77.2



#2
 1,4-Dioxane
 Concen: 43.754 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF141147.D
 Acq: 14 Jan 2025 15:55

Tgt Ion: 88 Resp: 165606
 Ion Ratio Lower Upper
 88 100
 58 72.3 60.1 90.1
 43 28.3 23.1 34.7

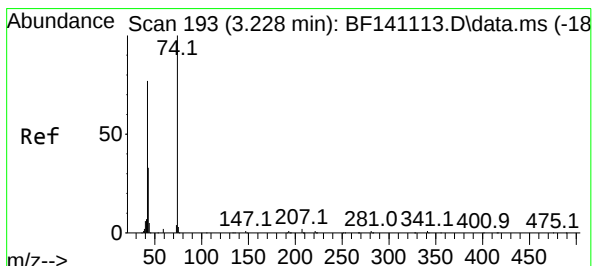
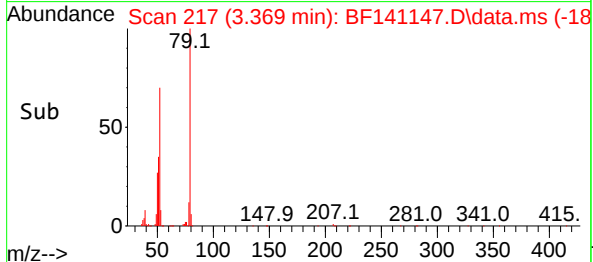
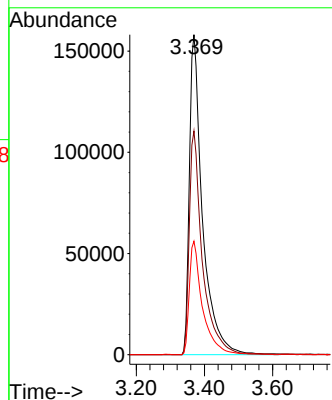
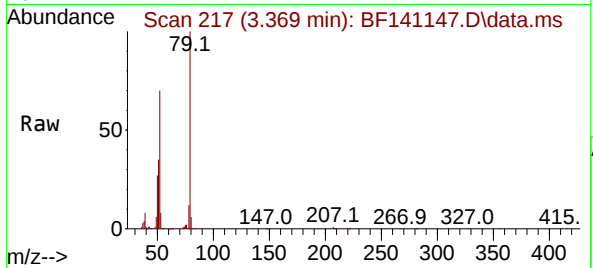




#3
Pyridine
Concen: 45.536 ng
RT: 3.369 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

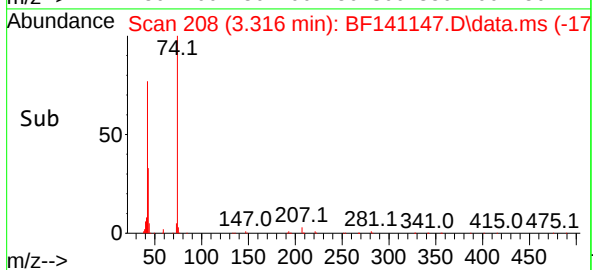
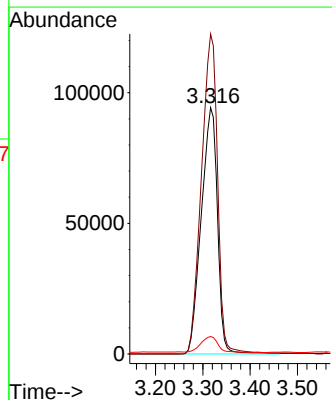
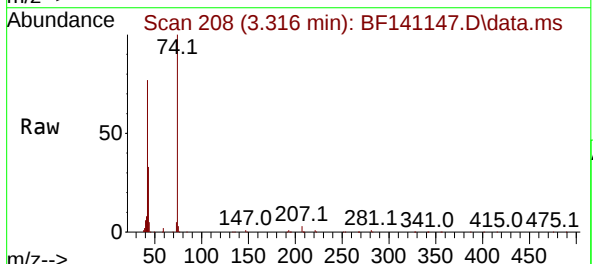
Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion: 79 Resp: 422648
Ion Ratio Lower Upper
79 100
52 69.9 58.9 88.3
51 35.5 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 49.223 ng
RT: 3.316 min Scan# 208
Delta R.T. 0.088 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion: 42 Resp: 223387
Ion Ratio Lower Upper
42 100
74 129.8 103.8 155.6
44 7.1 5.3 7.9

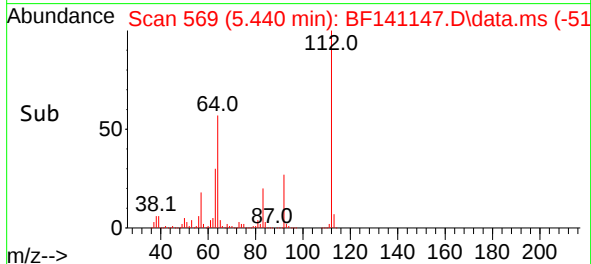
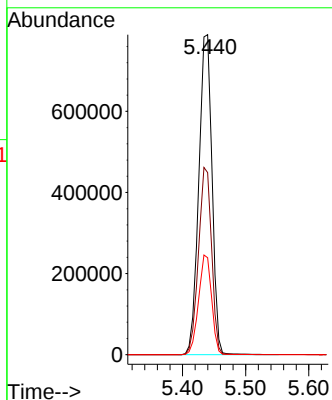
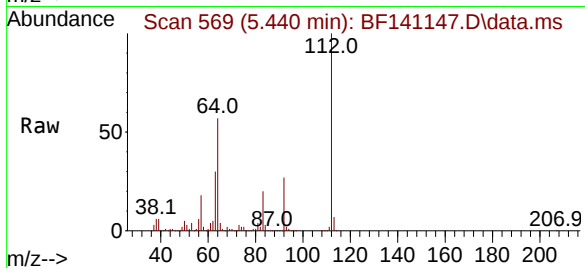




#5
2-Fluorophenol
Concen: 135.442 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

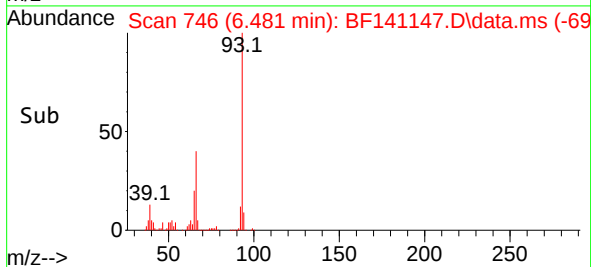
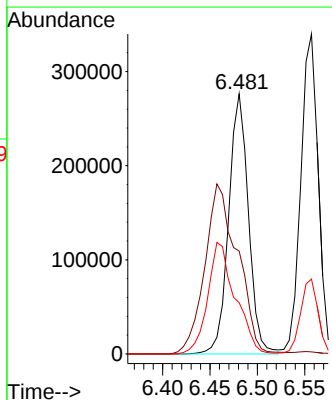
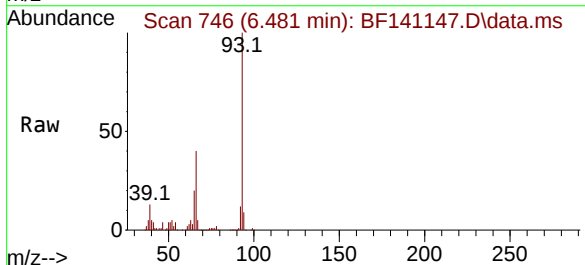
Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion:112 Resp: 1151175
Ion Ratio Lower Upper
112 100
64 56.9 47.3 70.9
63 30.3 24.2 36.2



#6
Aniline
Concen: 41.939 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion: 93 Resp: 400883
Ion Ratio Lower Upper
93 100
66 39.5 31.5 47.3
65 19.7 15.3 22.9



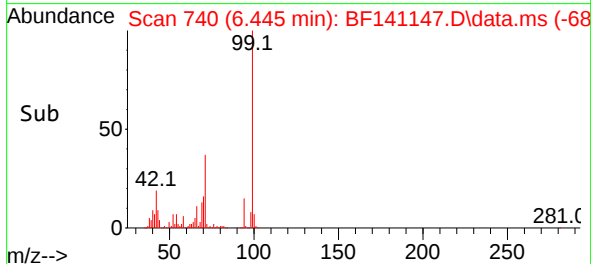
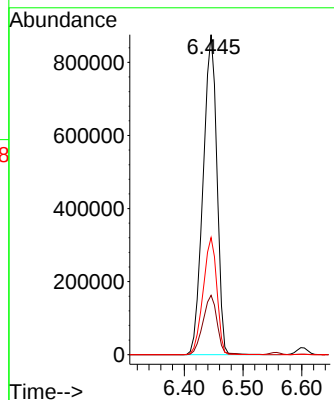
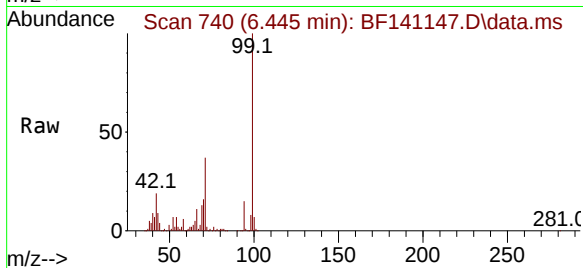


#7
Phenol-d6
Concen: 132.876 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion: 99 Resp: 1430582

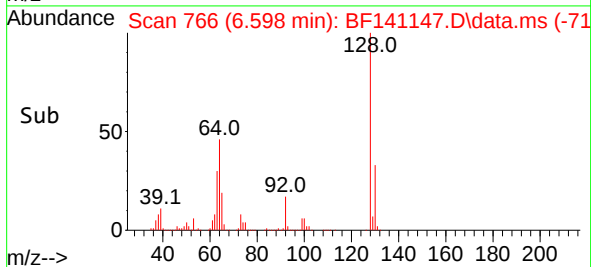
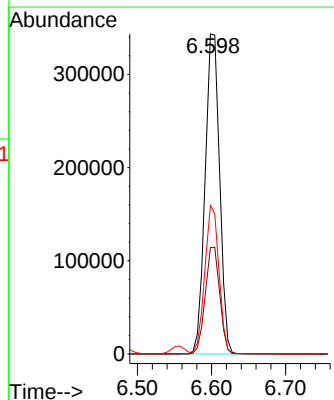
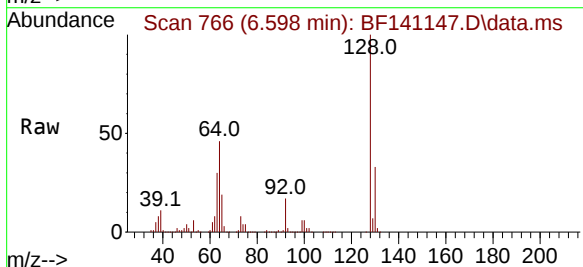
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	36.6	27.6	41.4



#8
2-Chlorophenol
Concen: 51.235 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion: 128 Resp: 467200

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.5	52.5
64	46.4	28.3	68.3





#9

Benzaldehyde

Concen: 9.185 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

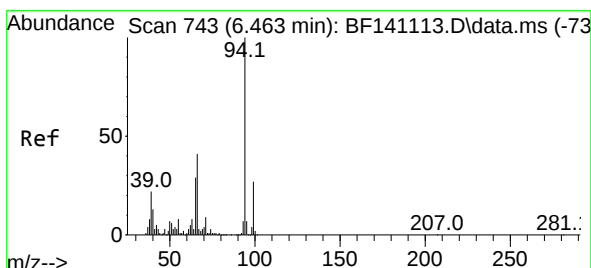
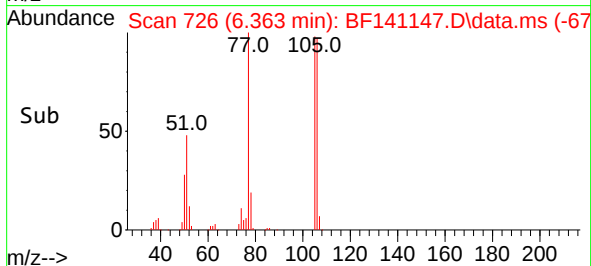
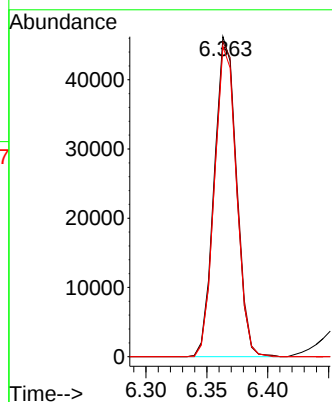
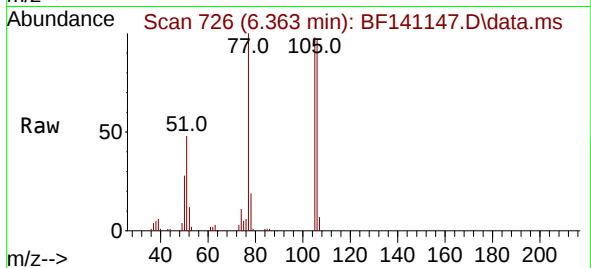
Tgt Ion: 77 Resp: 58241

Ion Ratio Lower Upper

77 100

105 98.4 78.9 118.9

106 96.9 73.6 113.6



#10

Phenol

Concen: 49.233 ng

RT: 6.457 min Scan# 742

Delta R.T. -0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

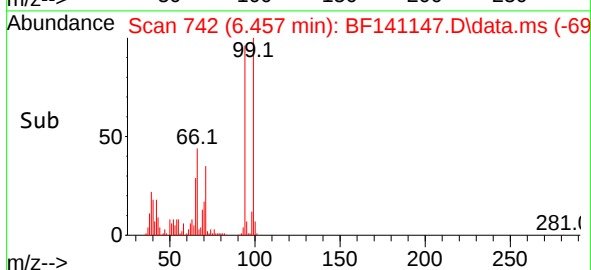
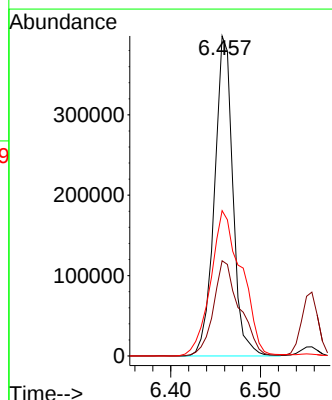
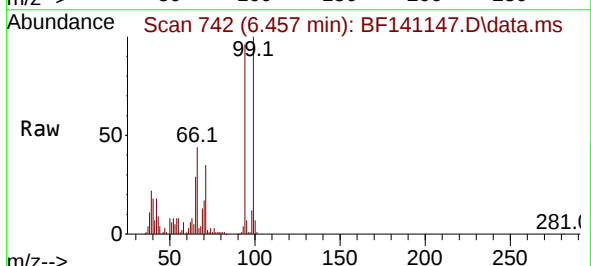
Tgt Ion: 94 Resp: 567403

Ion Ratio Lower Upper

94 100

65 29.8 8.9 48.9

66 45.4 21.2 61.2

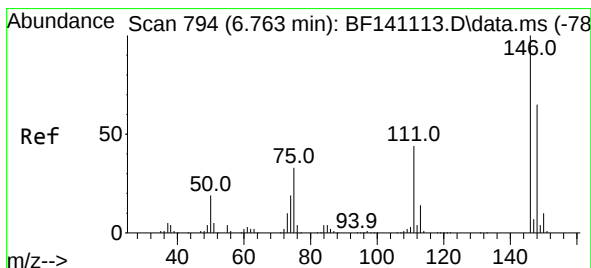
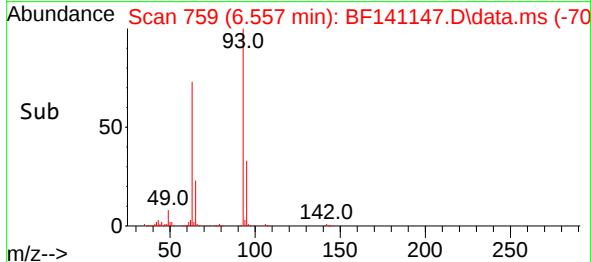
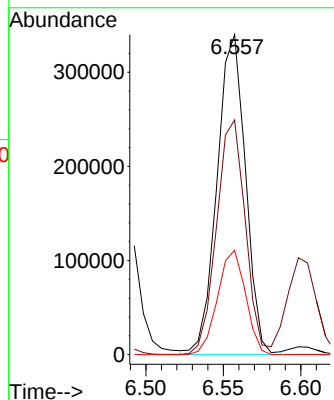
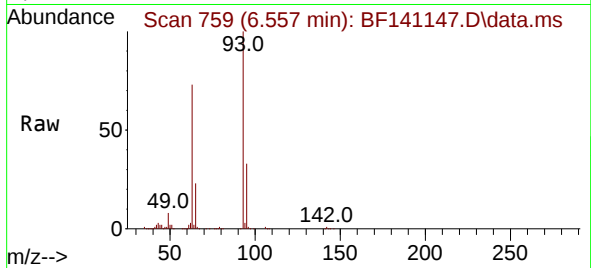




#11
bis(2-Chloroethyl)ether
Concen: 50.601 ng
RT: 6.557 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

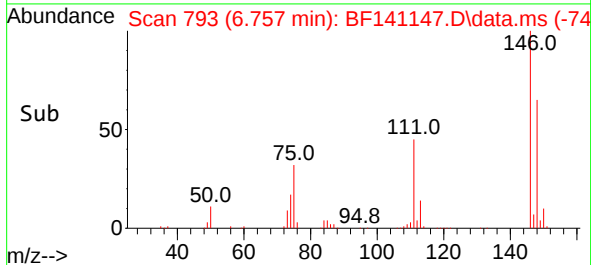
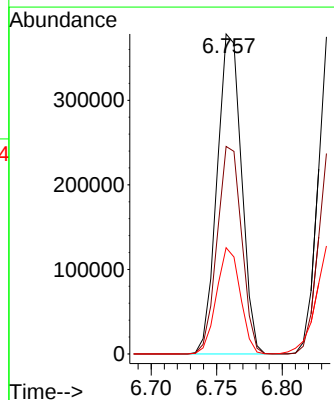
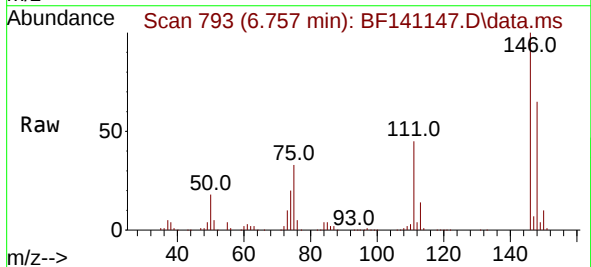
Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion: 93 Resp: 434612
Ion Ratio Lower Upper
93 100
63 73.4 58.0 98.0
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 48.062 ng
RT: 6.757 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:146 Resp: 488802
Ion Ratio Lower Upper
146 100
148 64.8 51.6 77.4
75 33.2 26.2 39.2

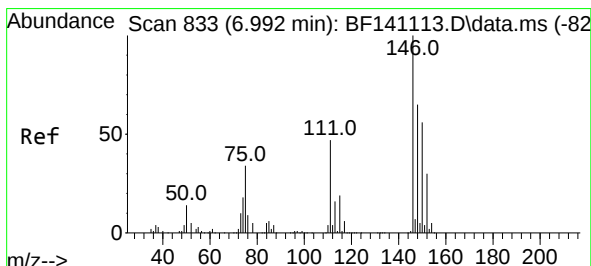
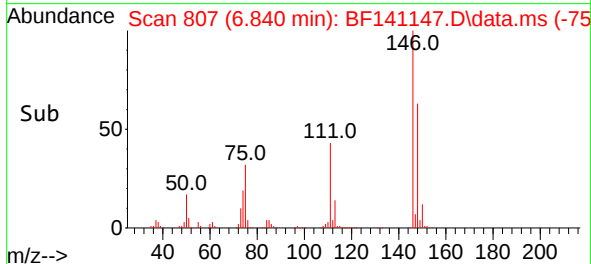
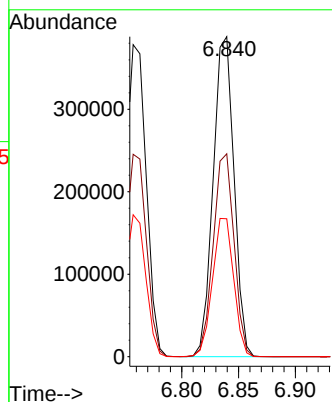
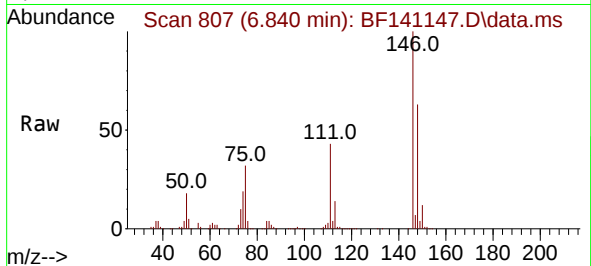




#13
1,4-Dichlorobenzene
Concen: 48.405 ng
RT: 6.840 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

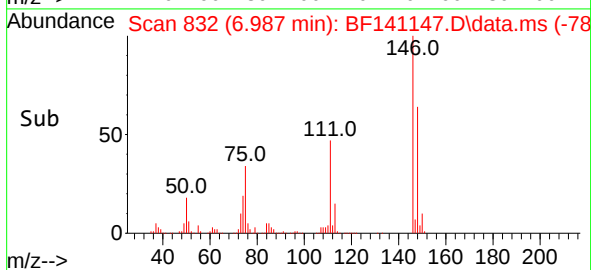
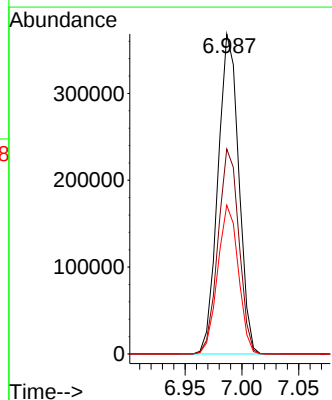
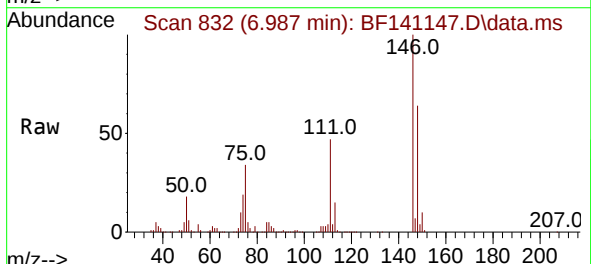
Instrument :
BNA_F
ClientSampleId :
PB166045BS

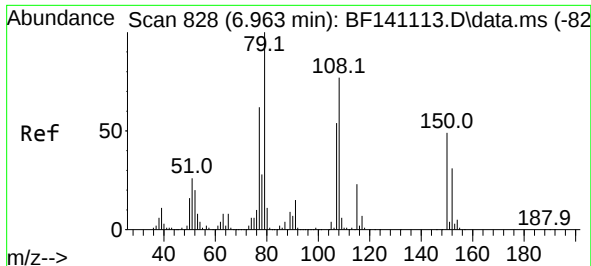
Tgt Ion:146 Resp: 496090
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 43.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 49.150 ng
RT: 6.987 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:146 Resp: 469871
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.4
111 46.5 37.5 56.3

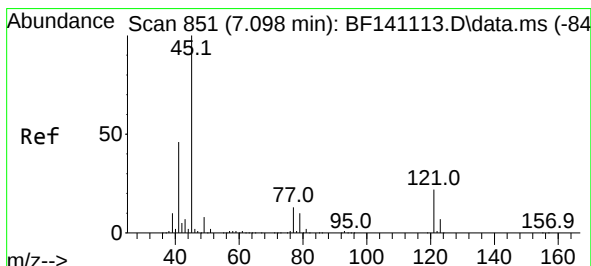
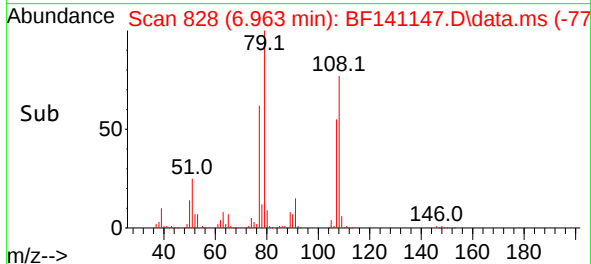
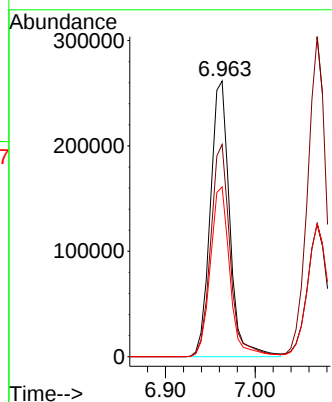
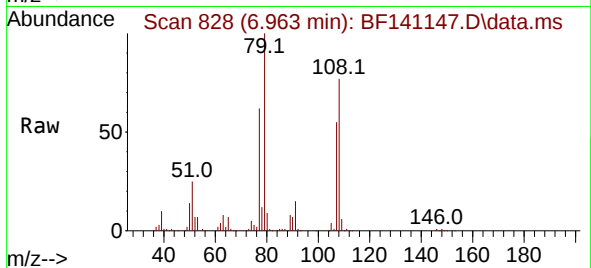




#15
Benzyl Alcohol
Concen: 50.452 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

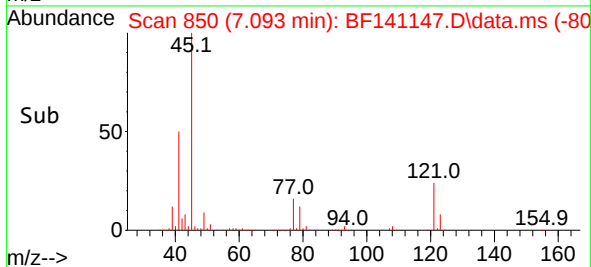
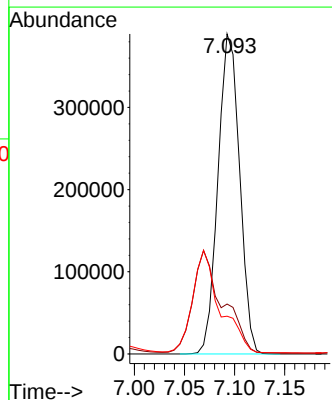
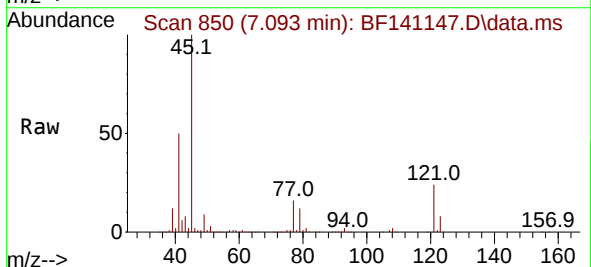
Instrument :
BNA_F
ClientSampleId :
PB166045BS

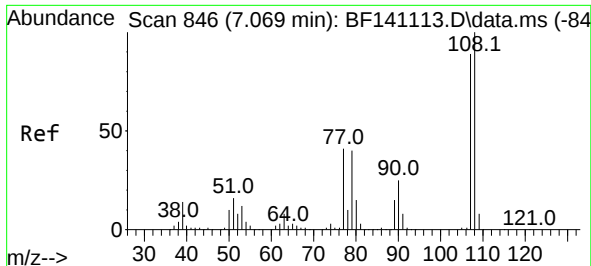
Tgt Ion: 79 Resp: 392273
Ion Ratio Lower Upper
79 100
108 76.9 61.4 92.0
77 61.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.638 ng
RT: 7.093 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion: 45 Resp: 582940
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.1
79 11.8 0.0 31.0

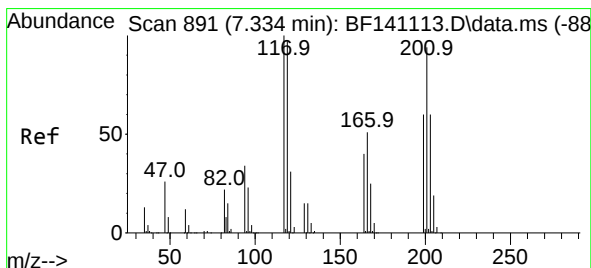
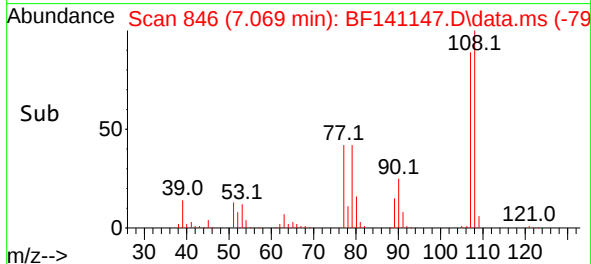
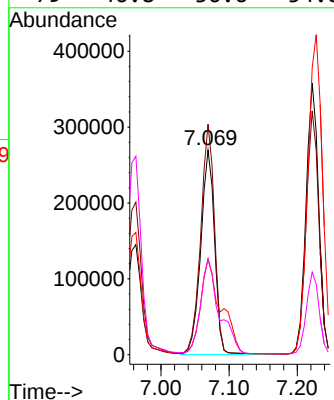
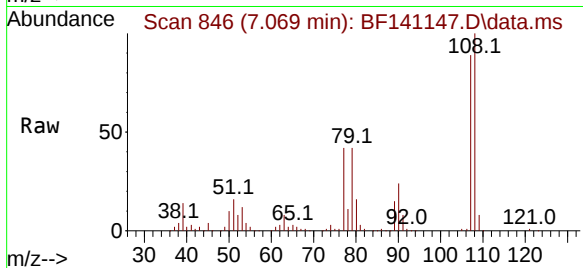




#17
2-Methylphenol
Concen: 51.870 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

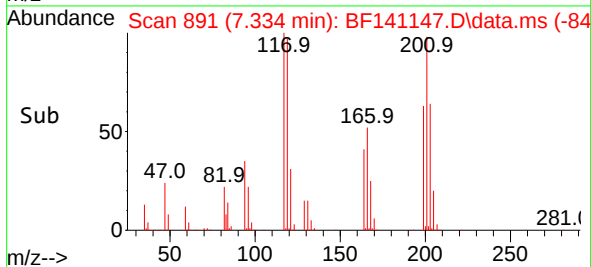
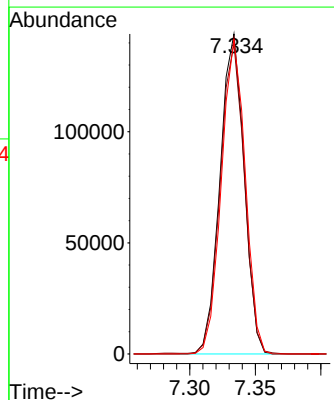
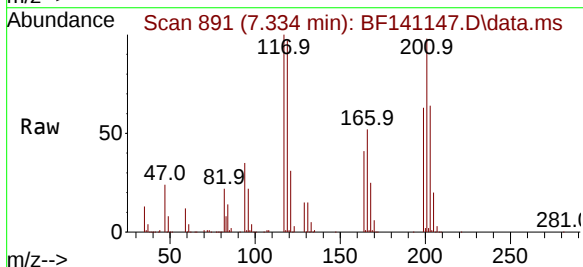
Instrument :
BNA_F
ClientSampleId :
PB166045BS

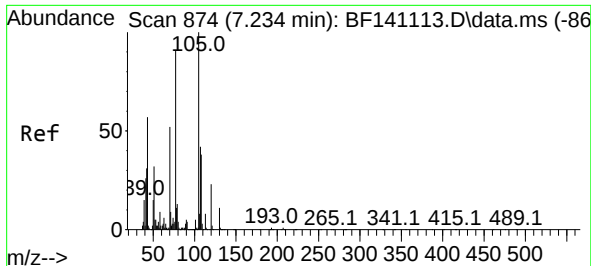
Tgt Ion:	107	Resp:	381866
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.1	135.1
77	46.8	36.6	55.0
79	46.8	36.6	54.8



#18
Hexachloroethane
Concen: 49.624 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:	117	Resp:	183918
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.6	116.4
201	98.4	75.1	112.7

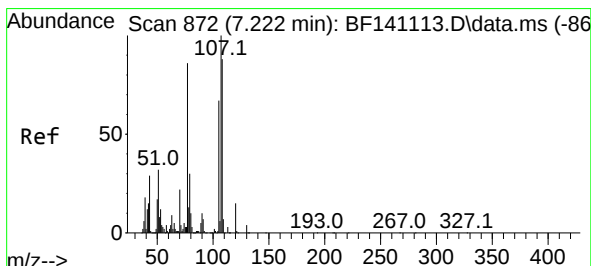
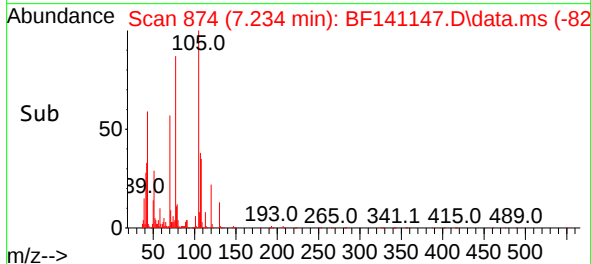
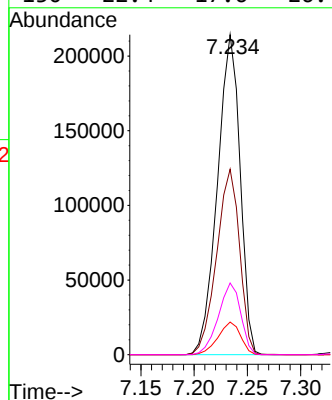
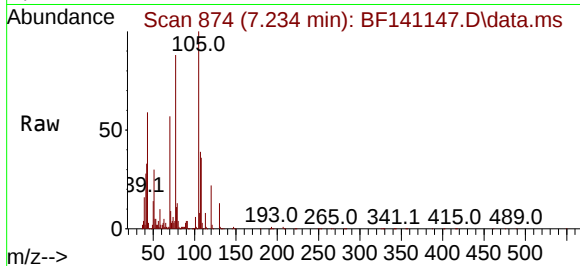




#19
n-Nitroso-di-n-propylamine
Concen: 49.893 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

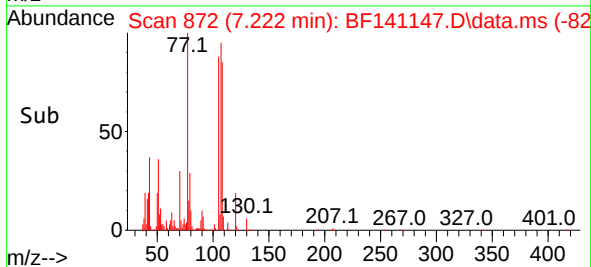
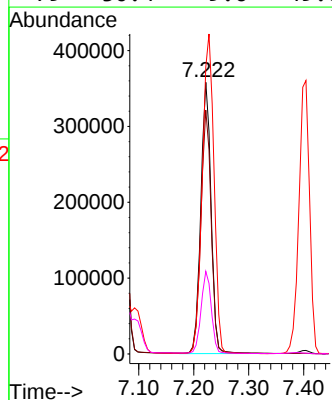
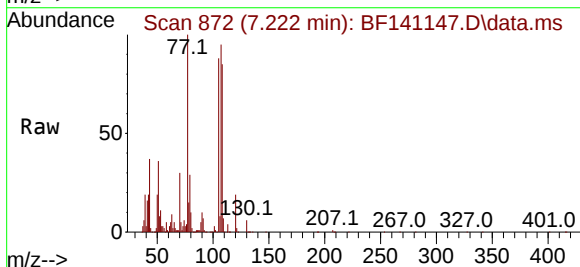
Instrument :
BNA_F
ClientSampleId :
PB166045BS

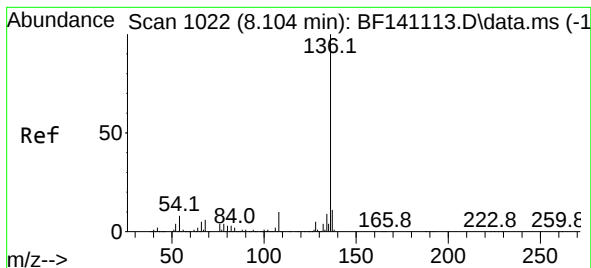
Tgt Ion:	70	Resp:	316422
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.8	71.6
101	10.2	7.9	11.9
130	22.4	17.6	26.4



#20
3+4-Methylphenols
Concen: 50.201 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:	107	Resp:	466264
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.3	108.3
77	105.6	66.4	106.4
79	30.4	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

Tgt Ion:136 Resp: 520469

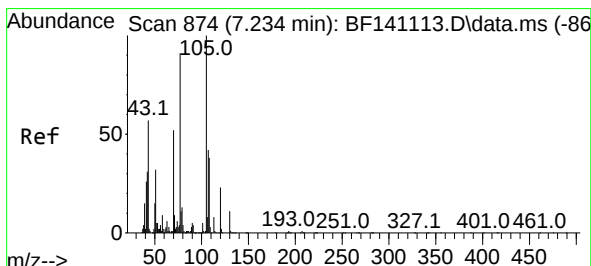
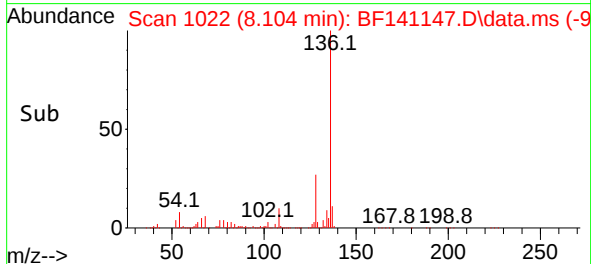
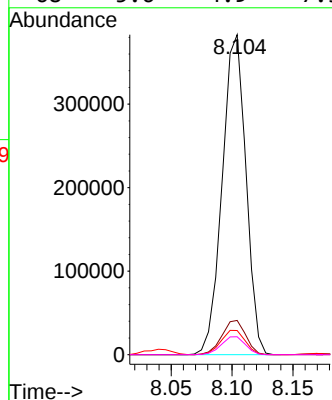
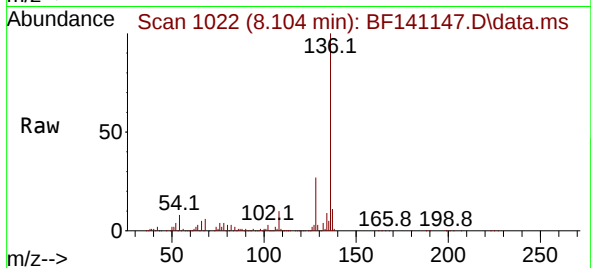
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.5 6.3 9.5

68 5.6 4.9 7.3



#22

Acetophenone

Concen: 49.924 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Tgt Ion:105 Resp: 617703

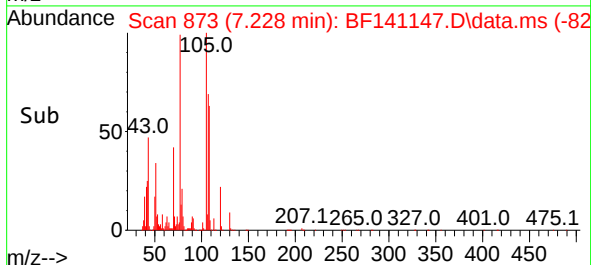
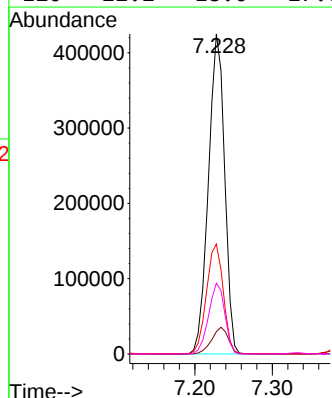
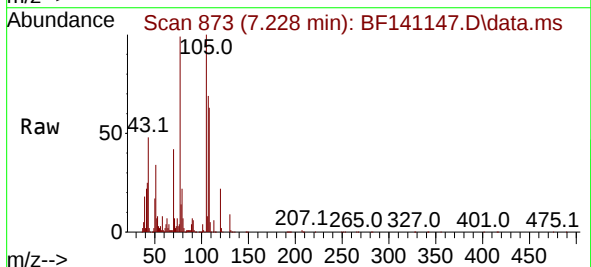
Ion Ratio Lower Upper

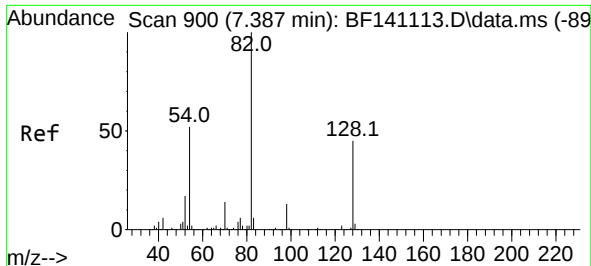
105 100

71 6.9 7.1 10.7#

51 34.4 25.4 38.2

120 22.2 18.0 27.0

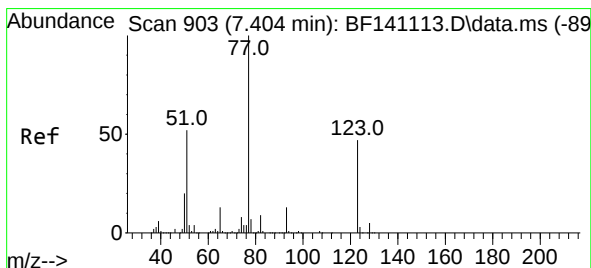
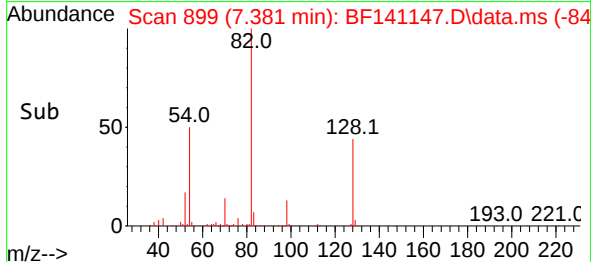
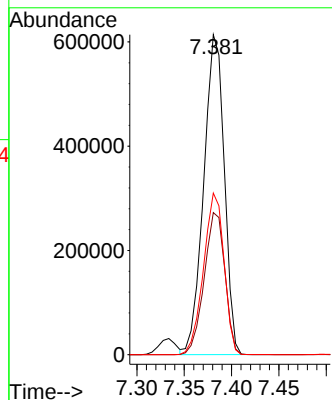
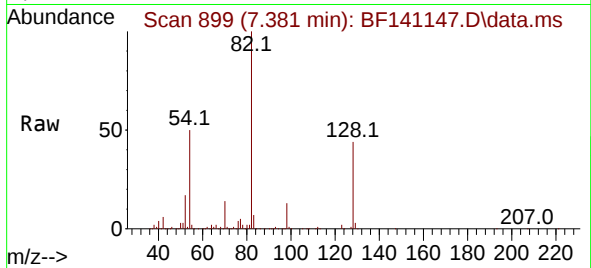




#23
Nitrobenzene-d5
Concen: 94.457 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

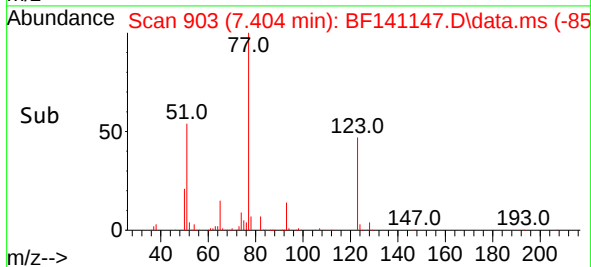
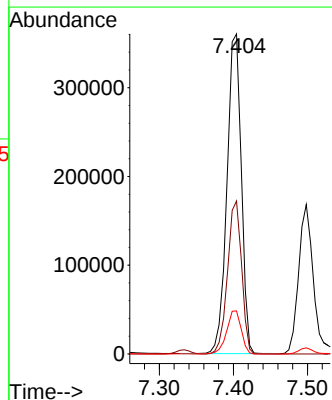
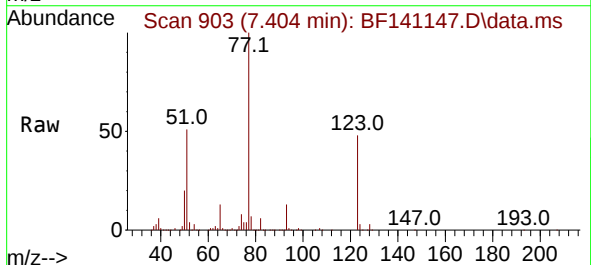
Instrument :
BNA_F
ClientSampleId :
PB166045BS

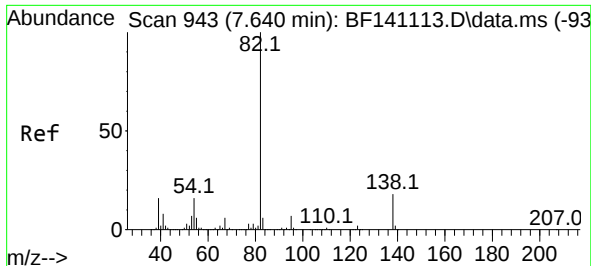
Tgt Ion: 82 Resp: 927439
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 50.5 41.0 61.4



#24
Nitrobenzene
Concen: 47.391 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion: 77 Resp: 484955
Ion Ratio Lower Upper
77 100
123 47.8 37.7 56.5
65 13.5 10.6 16.0

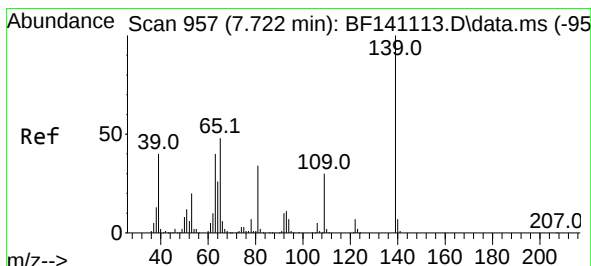
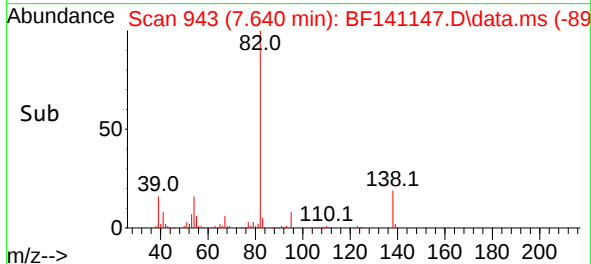
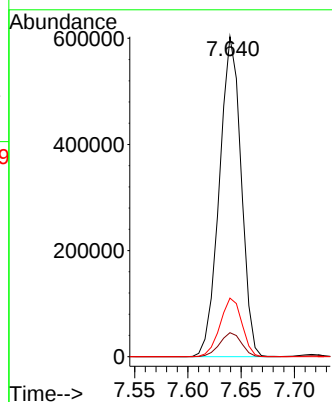
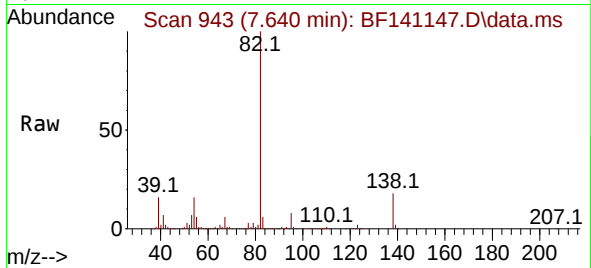




#25
Isophorone
Concen: 50.999 ng
RT: 7.640 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

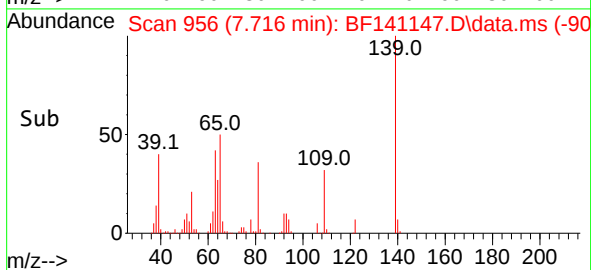
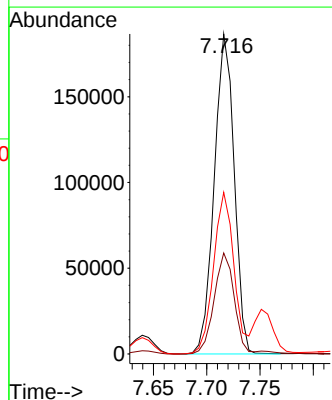
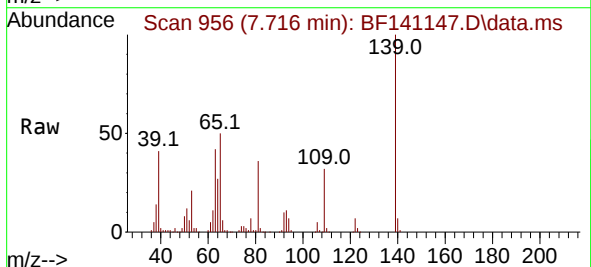
Instrument :
BNA_F
ClientSampleId :
PB166045BS

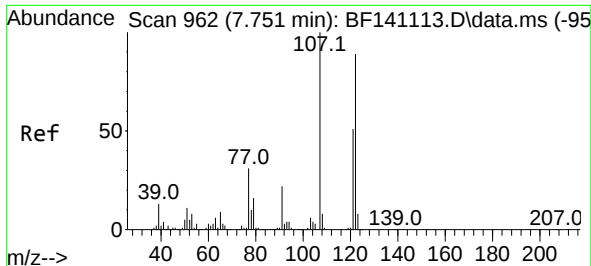
Tgt Ion: 82 Resp: 855738
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.3 14.2 21.2



#26
2-Nitrophenol
Concen: 52.079 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:139 Resp: 242423
Ion Ratio Lower Upper
139 100
109 31.5 23.8 35.6
65 50.5 38.5 57.7

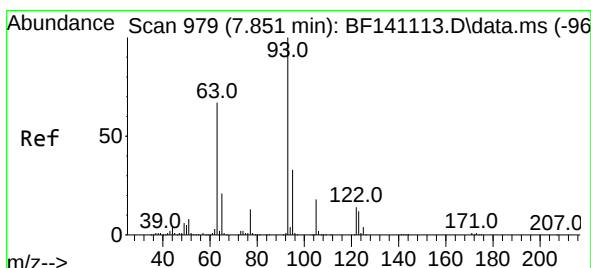
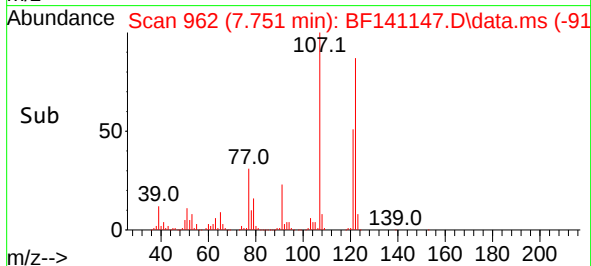
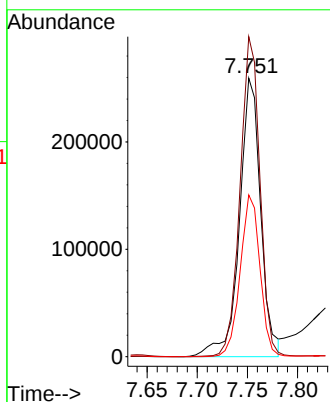
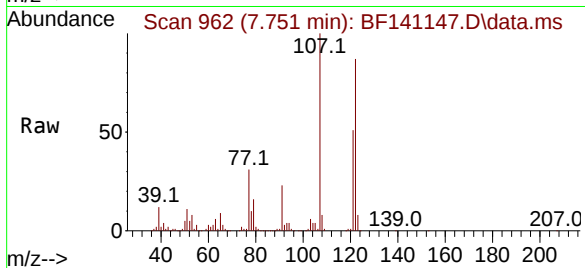




#27
2,4-Dimethylphenol
Concen: 61.088 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

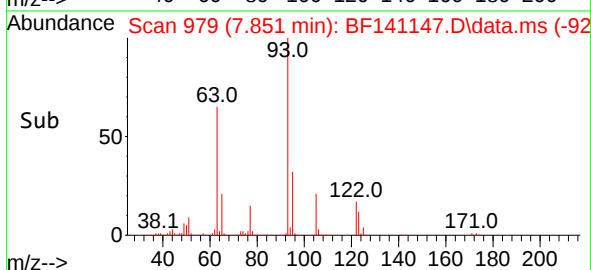
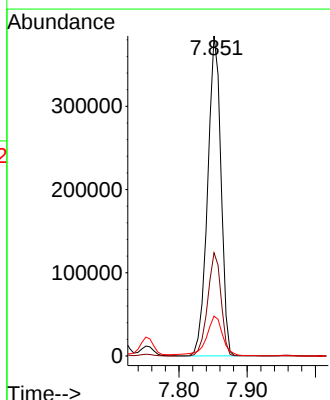
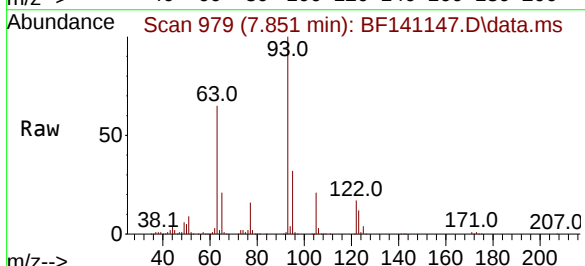
Instrument :
BNA_F
ClientSampleId :
PB166045BS

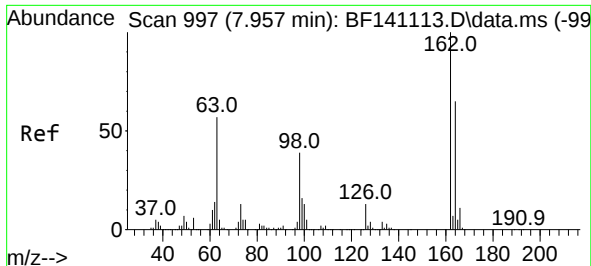
Tgt Ion:122 Resp: 383554
Ion Ratio Lower Upper
122 100
107 114.9 90.3 135.5
121 58.1 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 49.690 ng
RT: 7.851 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion: 93 Resp: 523261
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 12.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 51.590 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

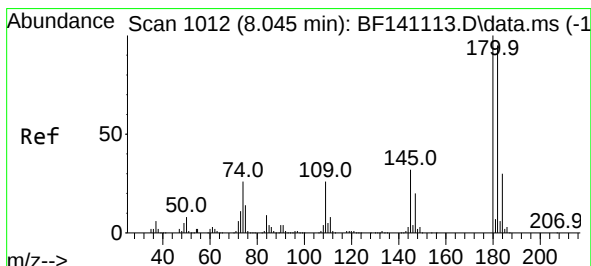
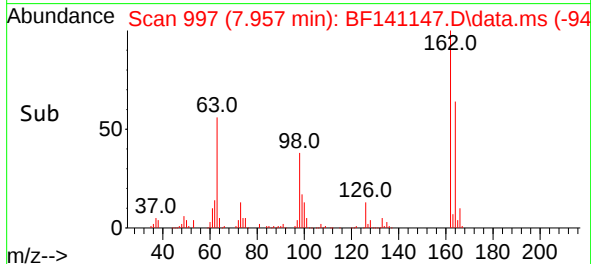
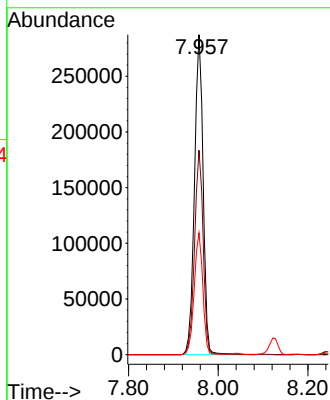
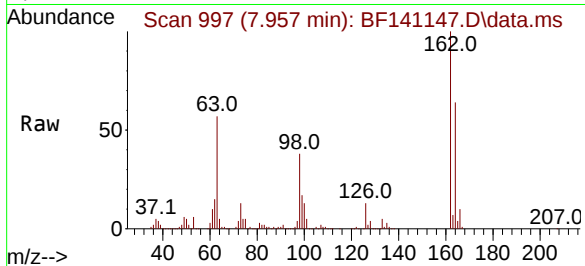
Tgt Ion:162 Resp: 384707

Ion Ratio Lower Upper

162 100

164 63.9 44.5 84.5

98 38.1 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 47.396 ng

RT: 8.045 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

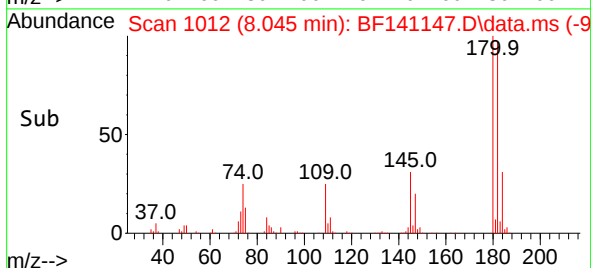
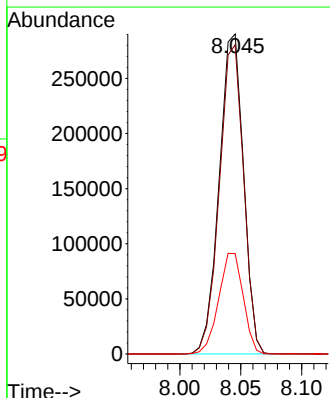
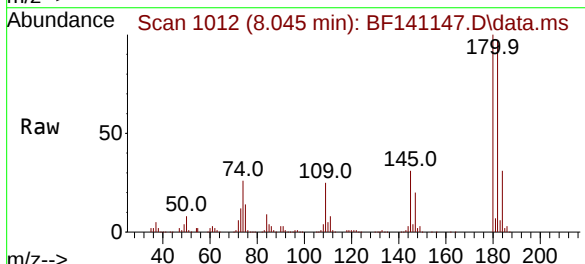
Tgt Ion:180 Resp: 403986

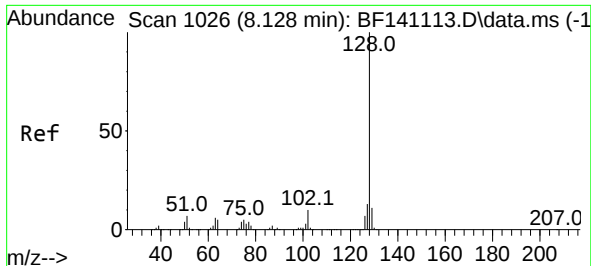
Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.2

145 31.4 25.3 37.9

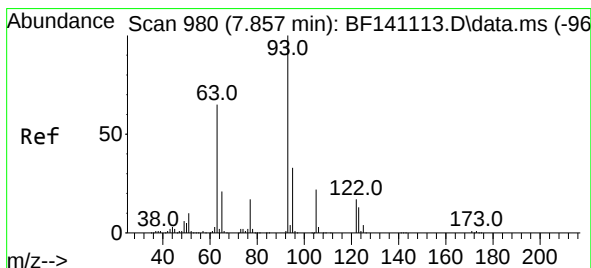
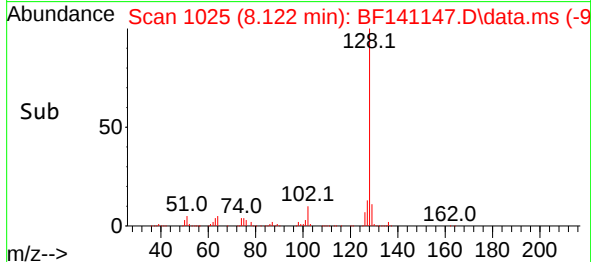
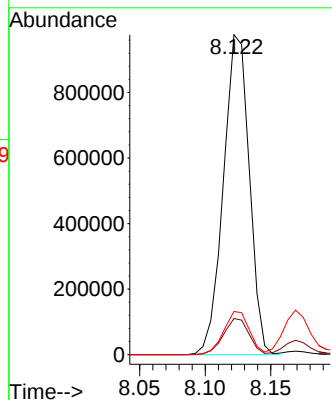
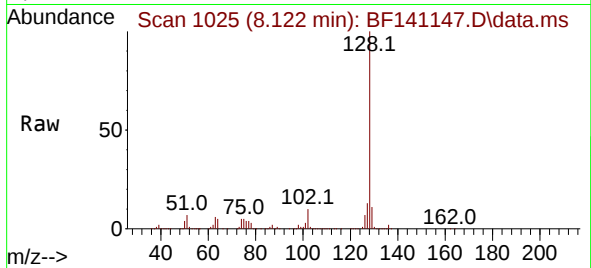




#31
Naphthalene
Concen: 48.895 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

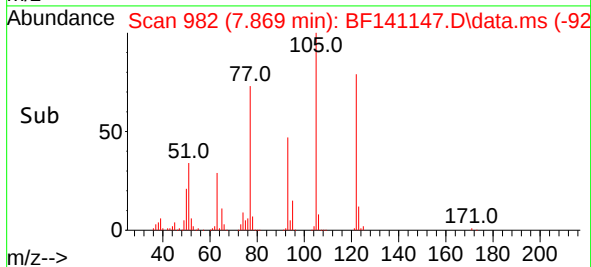
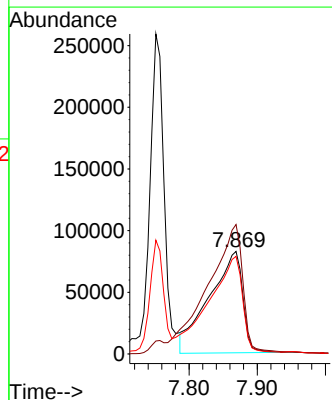
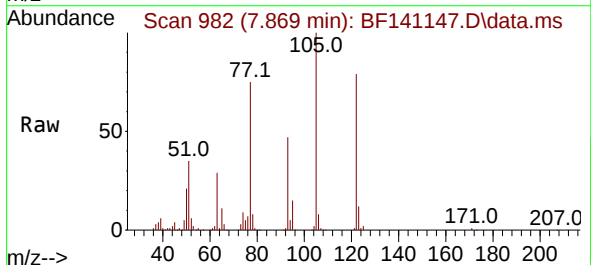
Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion:128 Resp: 1342040
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 46.617 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:122 Resp: 280779
Ion Ratio Lower Upper
122 100
105 126.2 105.5 145.5
77 95.2 75.1 115.1

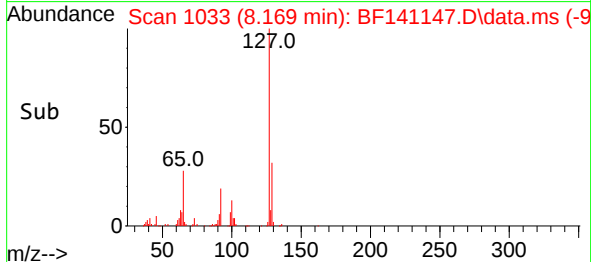
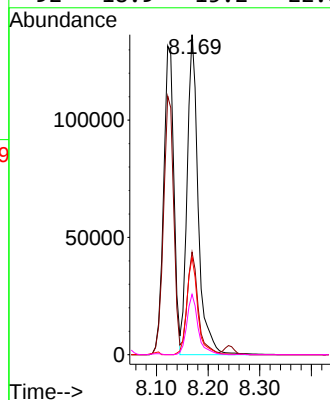
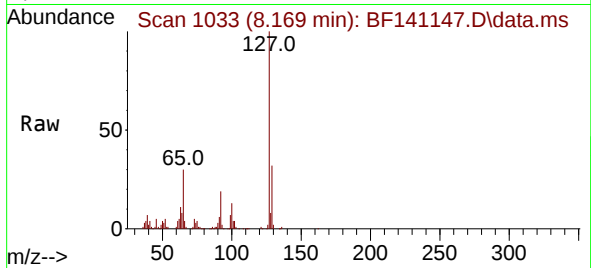




#33
4-Chloroaniline
Concen: 21.381 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

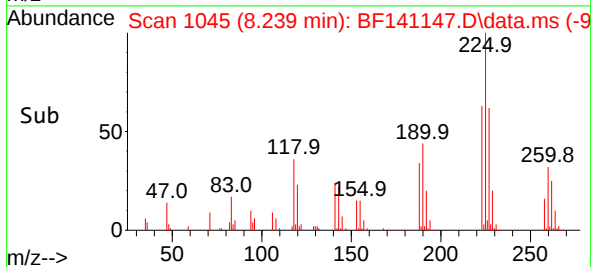
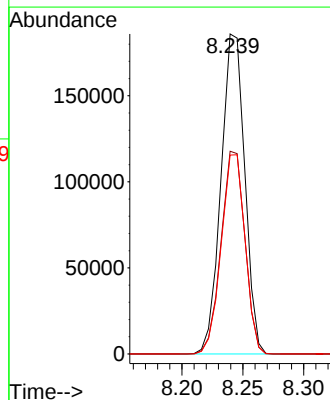
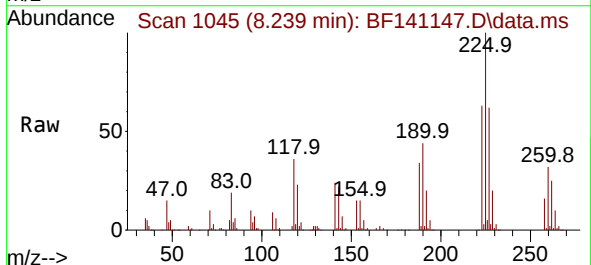
Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion:127	Resp: 202951
Ion Ratio	Lower Upper
127 100	
129 32.1	25.9 38.9
65 30.4	23.8 35.8
92 18.9	15.2 22.8



#34
Hexachlorobutadiene
Concen: 49.180 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt	Ion:225	Resp:	252591
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.2	51.6	77.4

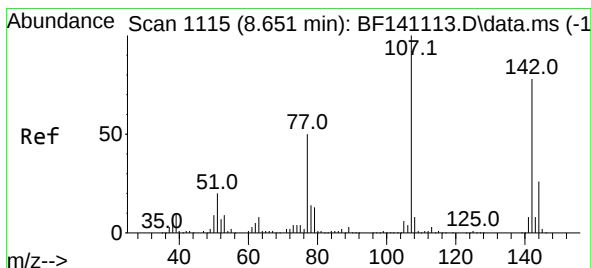
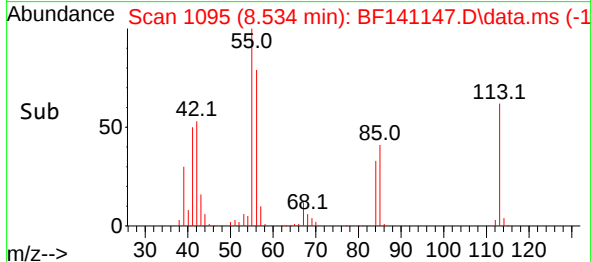
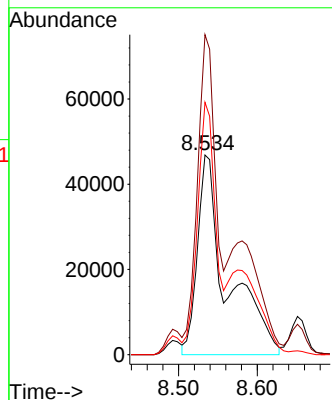
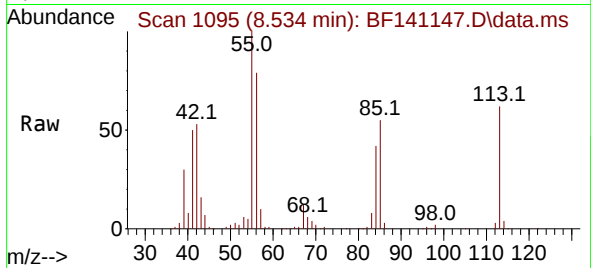




#35
 Caprolactam
 Concen: 50.456 ng m
 RT: 8.534 min Scan# 1097
 Delta R.T. -0.012 min
 Lab File: BF141147.D
 Acq: 14 Jan 2025 15:55

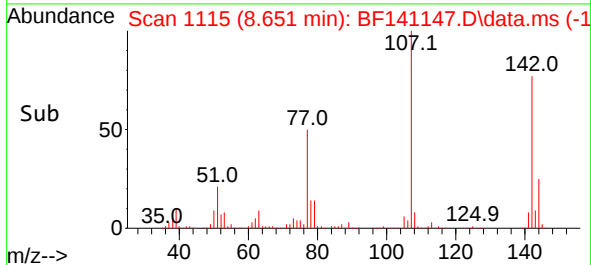
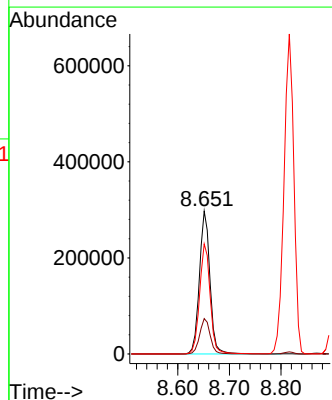
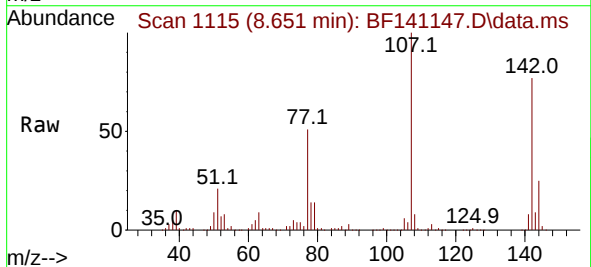
Instrument :
 BNA_F
 ClientSampleId :
 PB166045BS

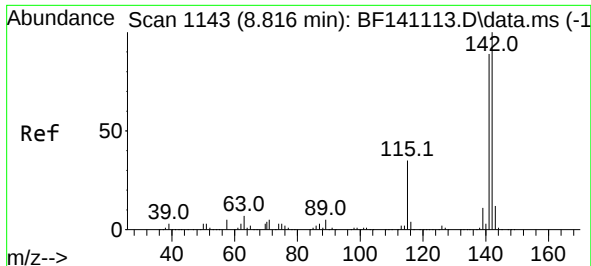
Tgt Ion:113 Resp: 123182
 Ion Ratio Lower Upper
 113 100
 55 160.3 139.7 179.7
 56 126.4 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 51.745 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. 0.000 min
 Lab File: BF141147.D
 Acq: 14 Jan 2025 15:55

Tgt Ion:107 Resp: 421999
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.4 30.6
 142 77.0 62.2 93.2

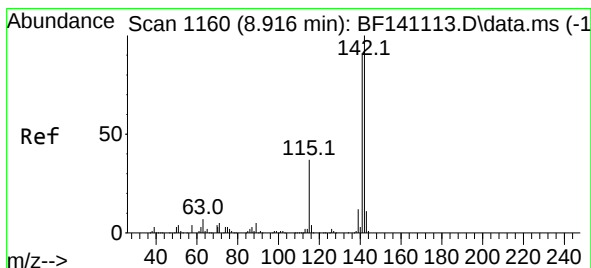
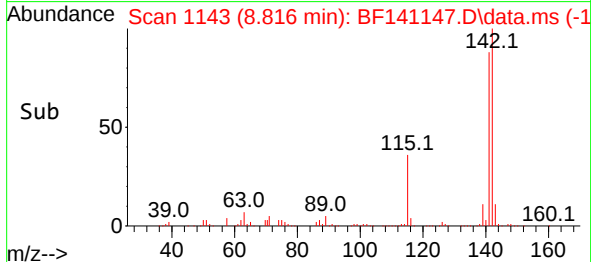
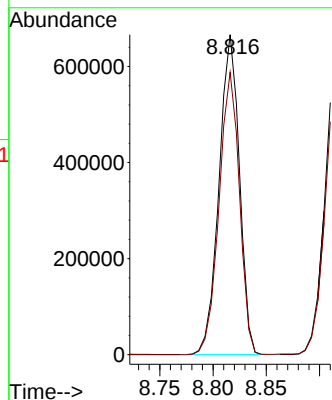
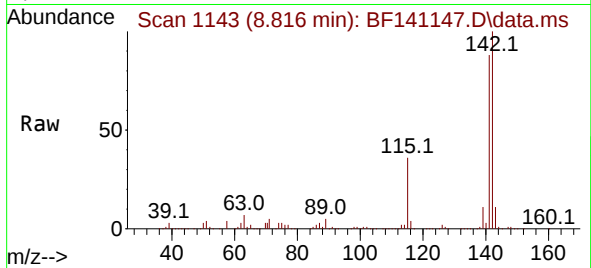




#37
2-Methylnaphthalene
Concen: 50.467 ng
RT: 8.816 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

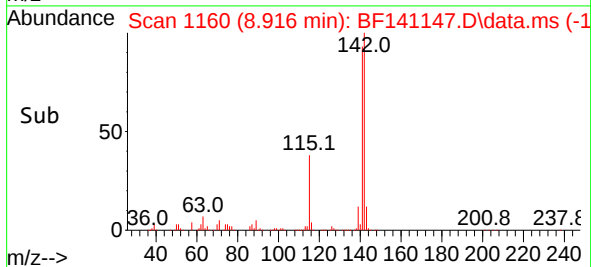
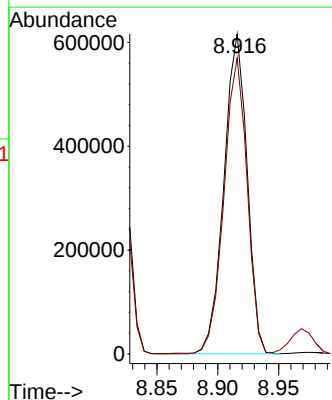
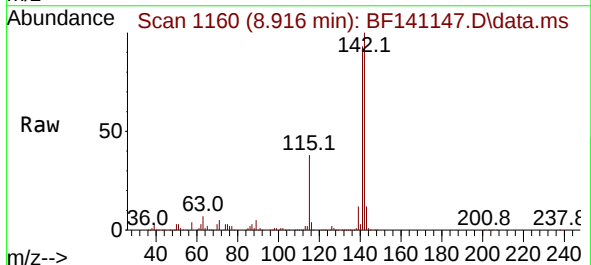
Instrument :
BNA_F
ClientSampleId :
PB166045BS

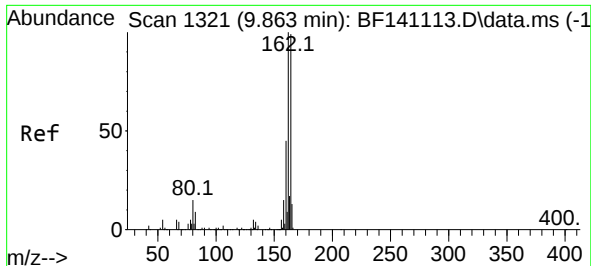
Tgt Ion:142 Resp: 882691
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9



#38
1-Methylnaphthalene
Concen: 47.431 ng
RT: 8.916 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:142 Resp: 817580
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7

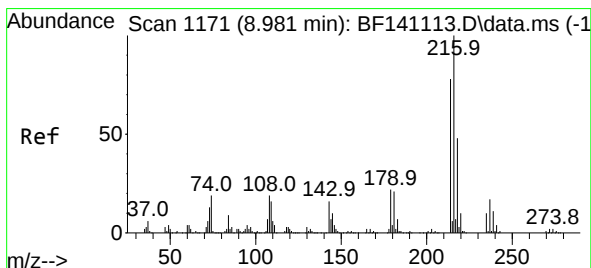
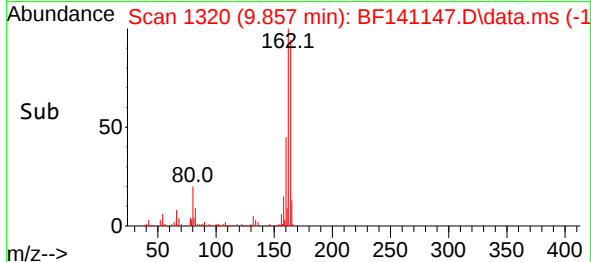
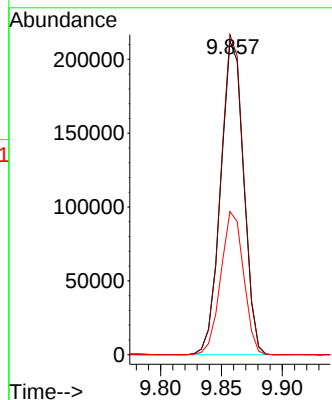
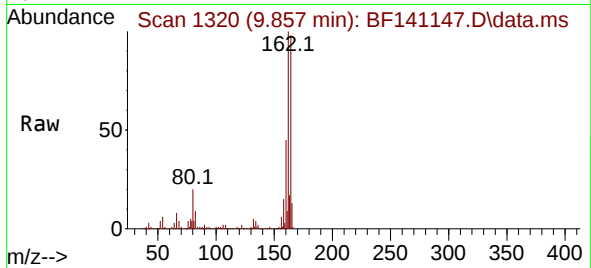




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

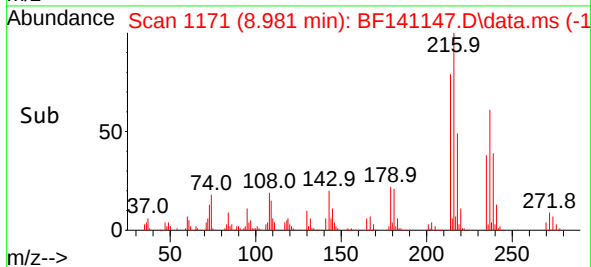
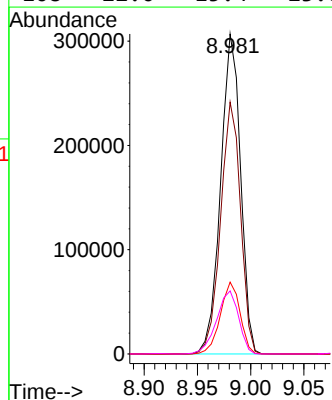
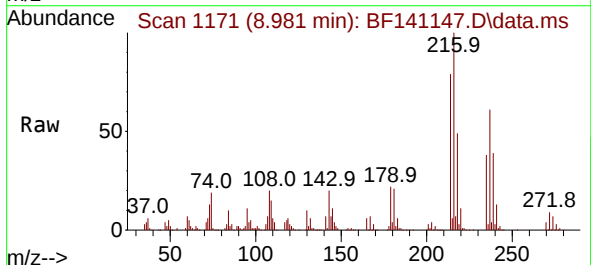
Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion:164 Resp: 278209
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 45.6 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.902 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:216 Resp: 398475
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 22.3 17.7 26.5
108 22.0 15.4 23.0

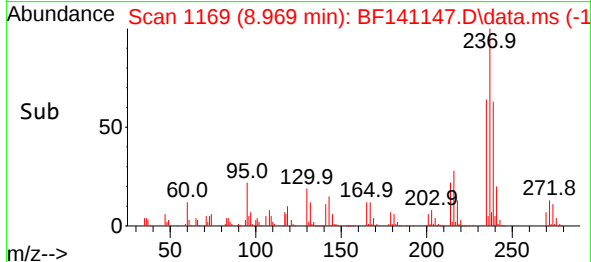
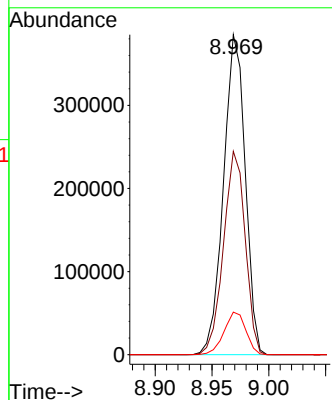
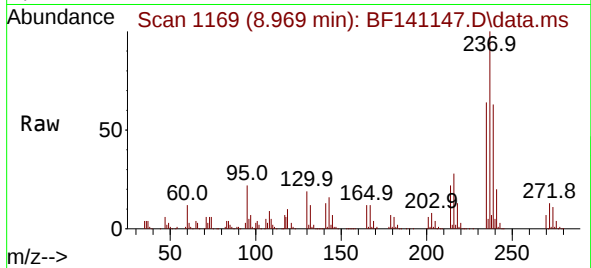




#41
Hexachlorocyclopentadiene
Concen: 196.313 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

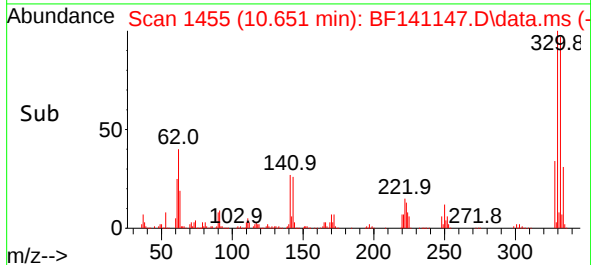
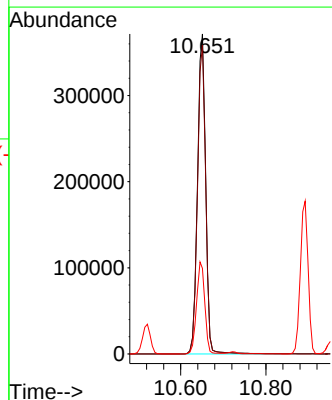
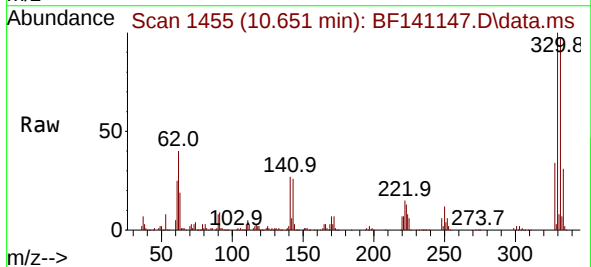
Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion:237 Resp: 512860
Ion Ratio Lower Upper
237 100
235 63.6 43.0 83.0
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 155.803 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:330 Resp: 493898
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 29.2 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 51.909 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

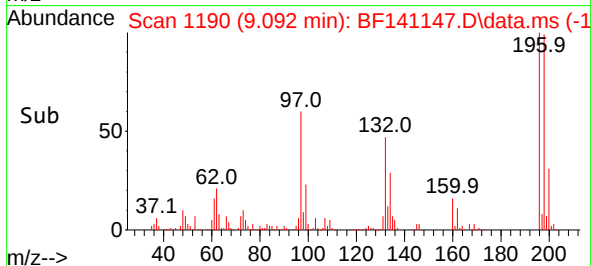
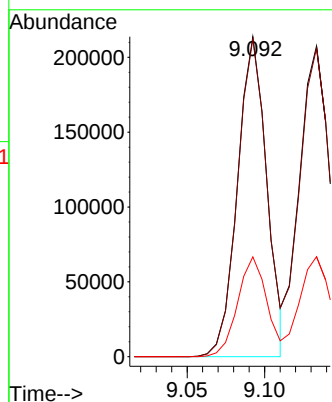
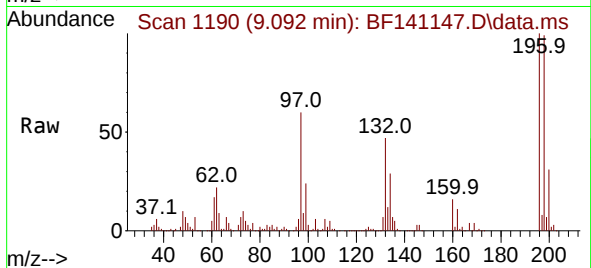
Tgt Ion:196 Resp: 279558

Ion Ratio Lower Upper

196 100

198 99.3 80.8 121.2

200 31.2 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 51.411 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Tgt Ion:196 Resp: 292413

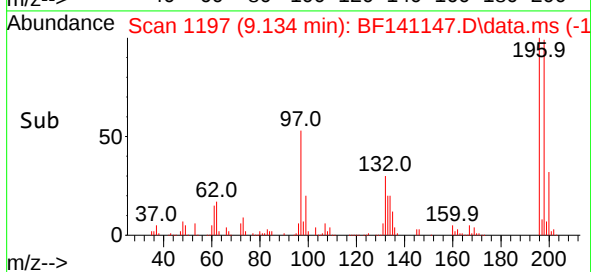
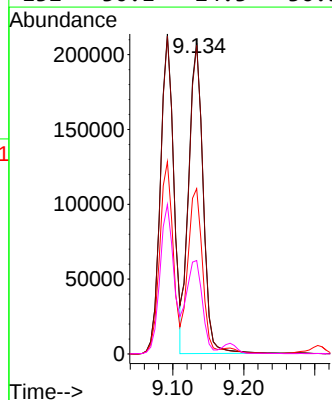
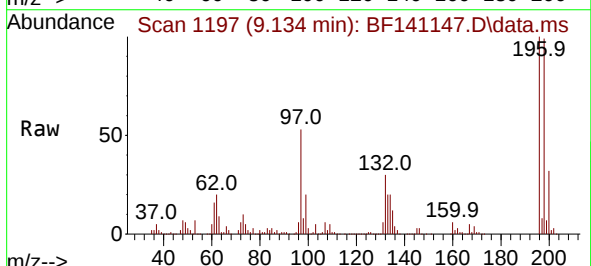
Ion Ratio Lower Upper

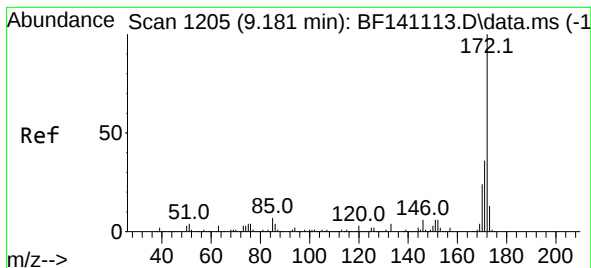
196 100

198 99.3 80.6 120.8

97 53.2 43.1 64.7

132 30.1 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 95.573 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

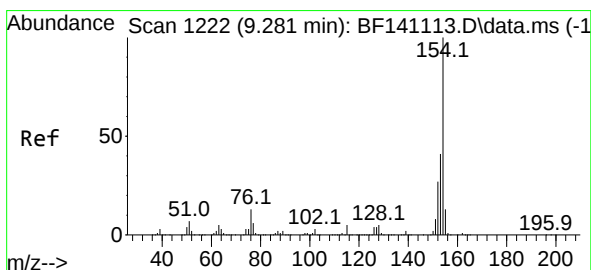
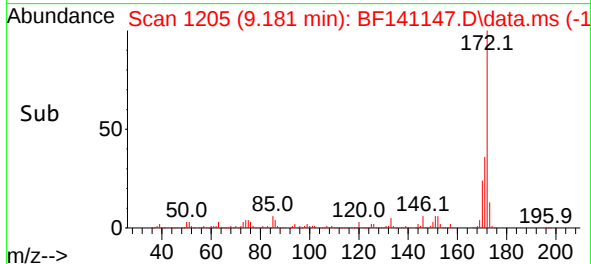
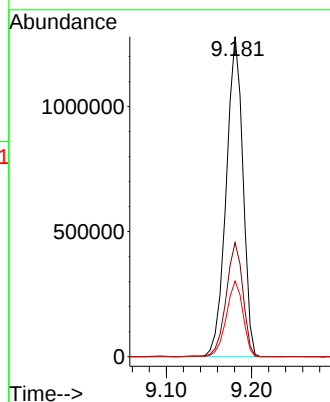
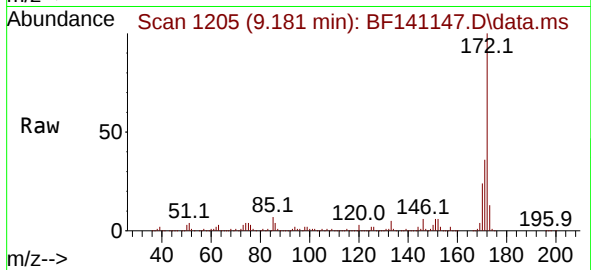
Tgt Ion:172 Resp: 1741217

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.957 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

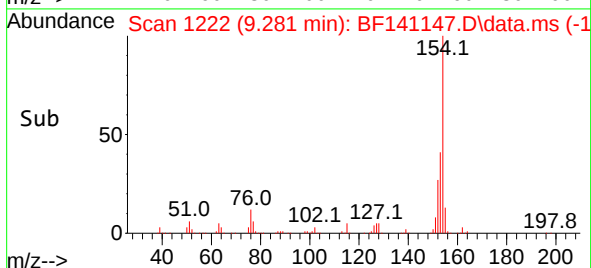
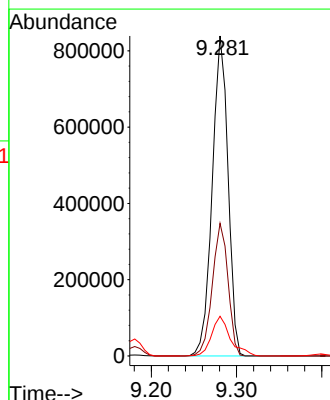
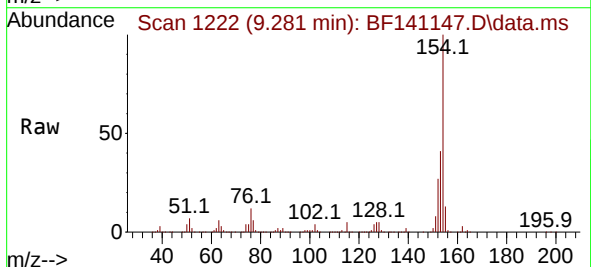
Tgt Ion:154 Resp: 1079351

Ion Ratio Lower Upper

154 100

153 41.4 20.7 60.7

76 12.4 0.0 33.1

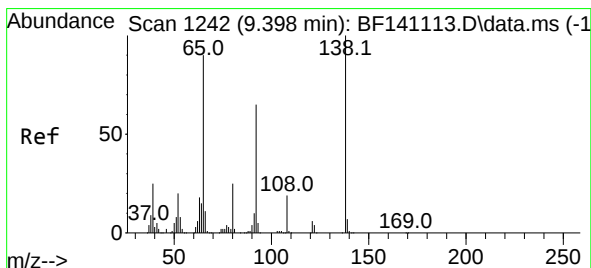
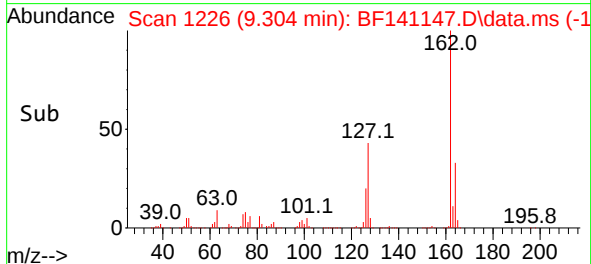
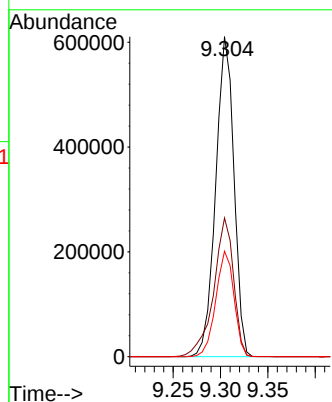
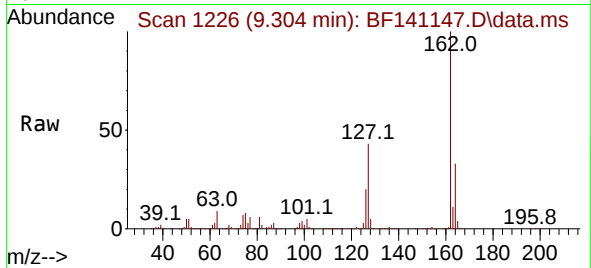




#47
2-Chloronaphthalene
Concen: 48.621 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

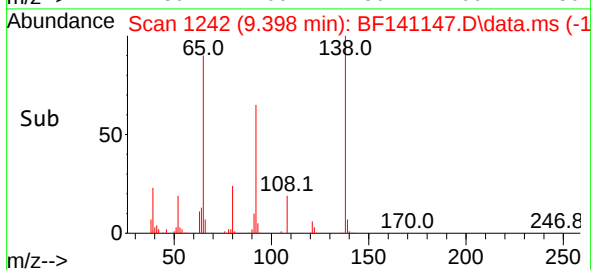
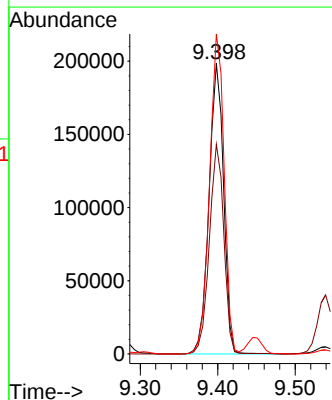
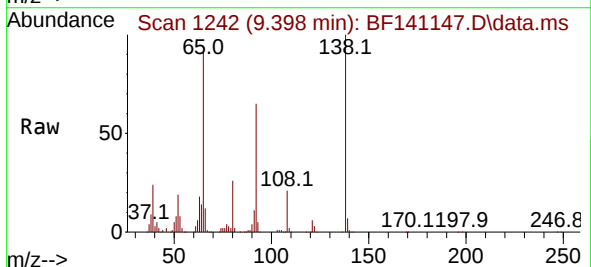
Instrument :
BNA_F
ClientSampleId :
PB166045BS

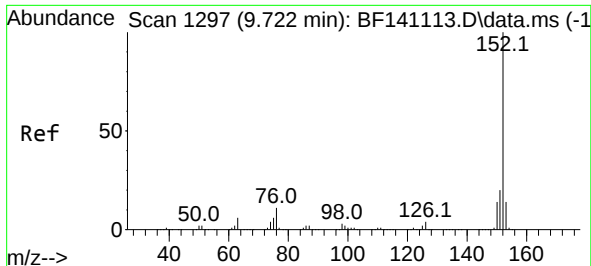
Tgt Ion:162 Resp: 818198
Ion Ratio Lower Upper
162 100
127 43.4 34.6 51.8
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 52.177 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion: 65 Resp: 260281
Ion Ratio Lower Upper
65 100
92 72.1 58.3 87.5
138 110.2 89.1 133.7





#49

Acenaphthylene

Concen: 53.525 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

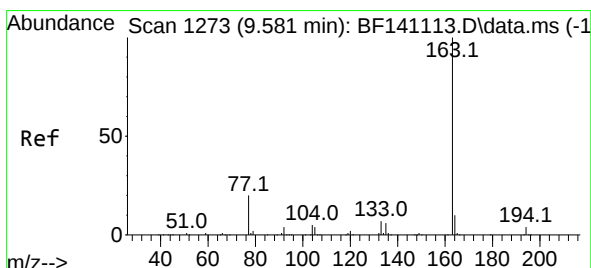
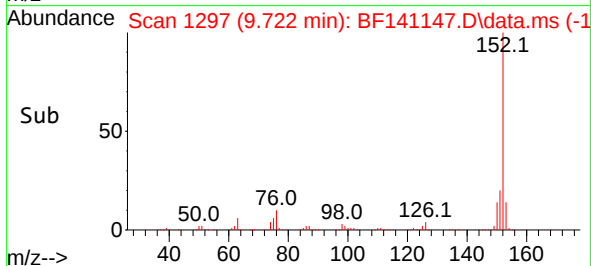
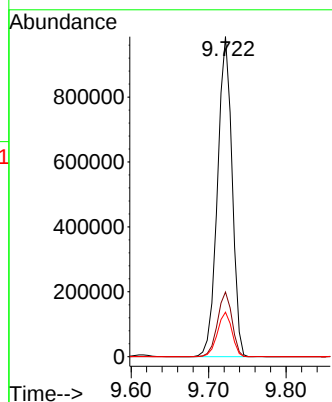
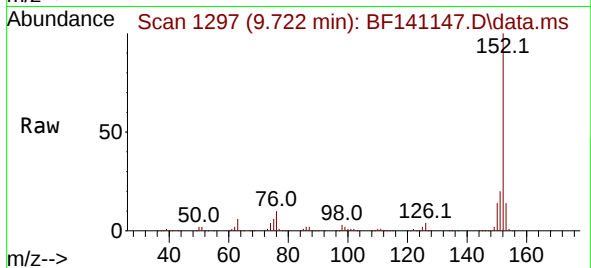
Tgt Ion:152 Resp: 1286866

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 51.911 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

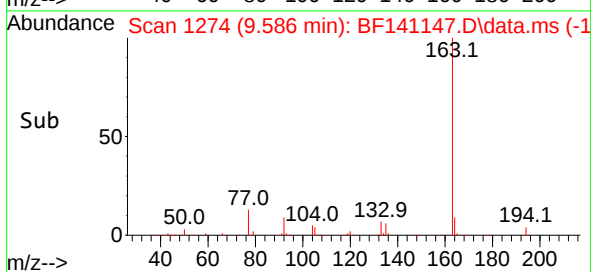
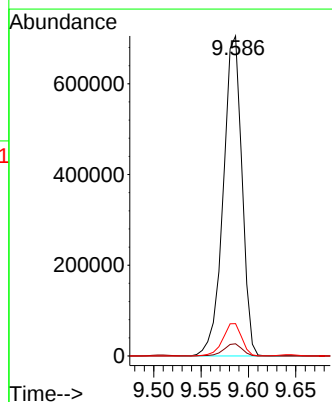
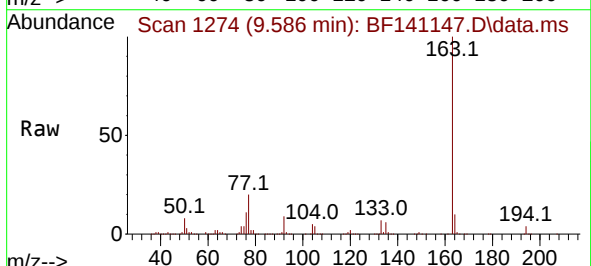
Tgt Ion:163 Resp: 969562

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 8.2 12.4

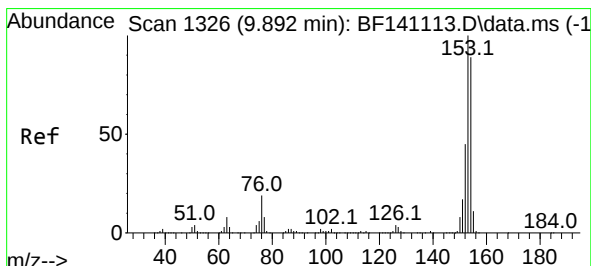
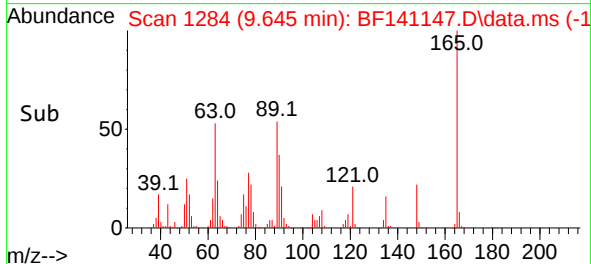
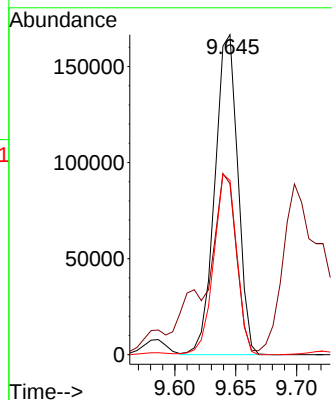
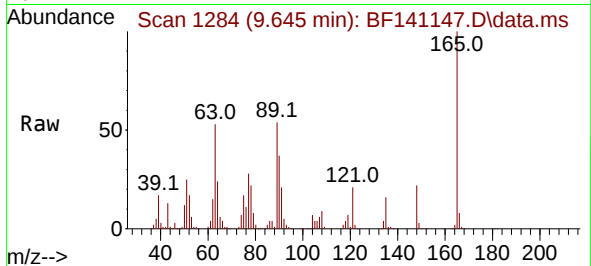




#51
2,6-Dinitrotoluene
Concen: 50.455 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

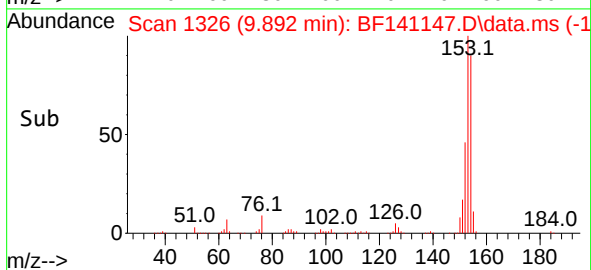
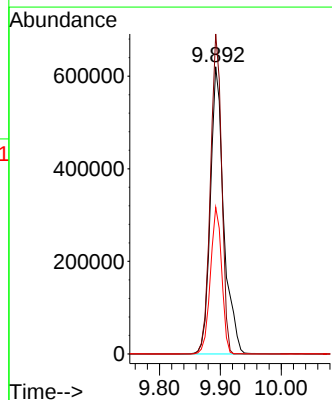
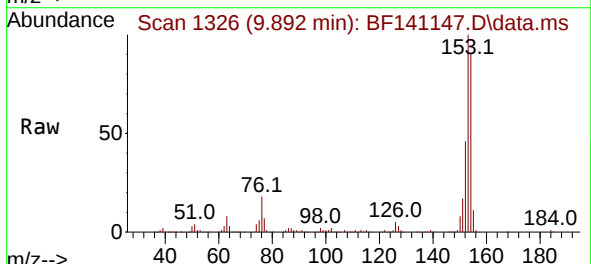
Instrument :
BNA_F
ClientSampleId :
PB166045BS

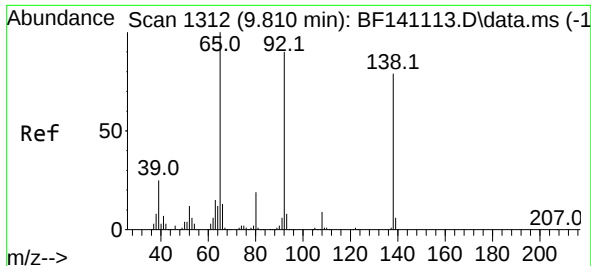
Tgt Ion:165 Resp: 219144
Ion Ratio Lower Upper
165 100
63 53.5 42.3 63.5
89 54.5 43.1 64.7



#52
Acenaphthene
Concen: 56.450 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:154 Resp: 948203
Ion Ratio Lower Upper
154 100
153 111.4 89.8 134.6
152 51.1 40.8 61.2

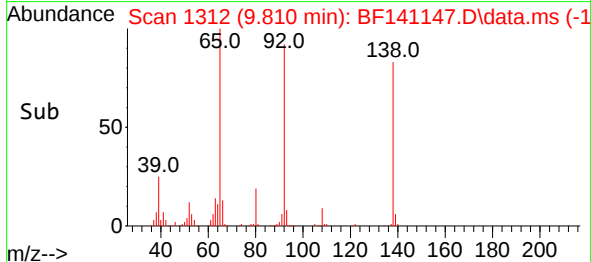
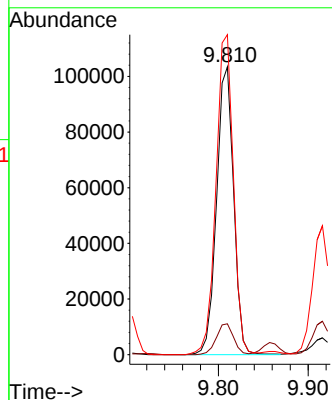
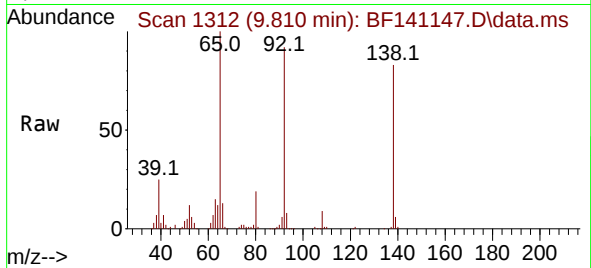




#53
3-Nitroaniline
Concen: 30.925 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

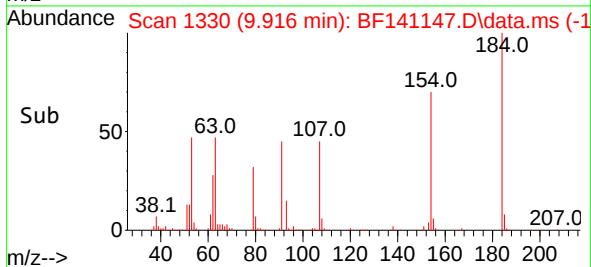
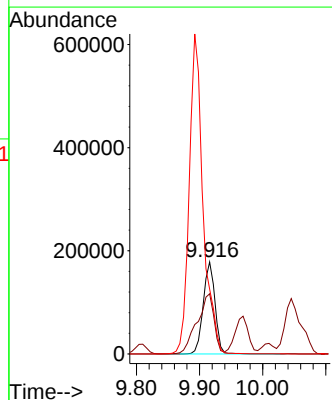
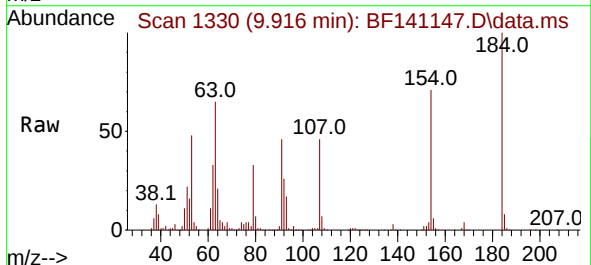
Instrument :
BNA_F
ClientSampleId :
PB166045BS

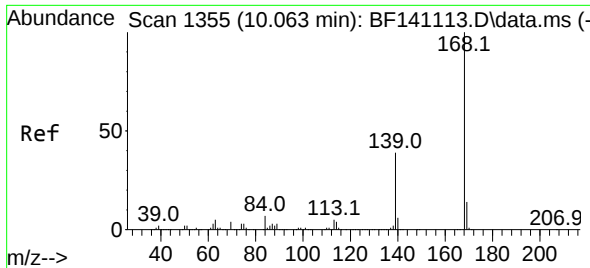
Tgt Ion:138 Resp: 136496
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 111.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 111.900 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:184 Resp: 231013
Ion Ratio Lower Upper
184 100
63 65.5 48.7 73.1
154 70.5 57.1 85.7

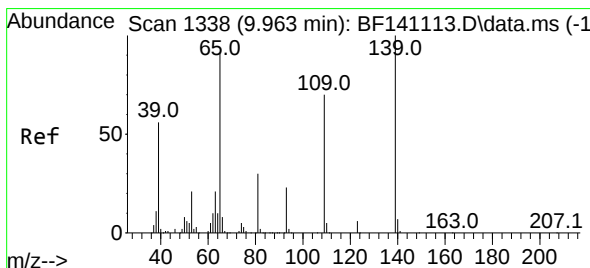
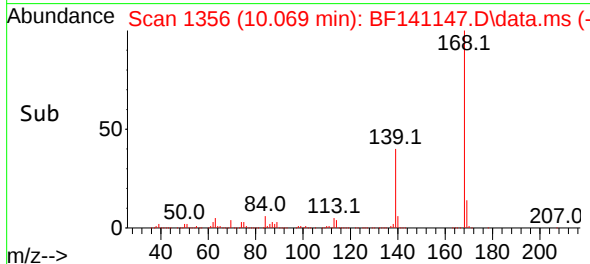
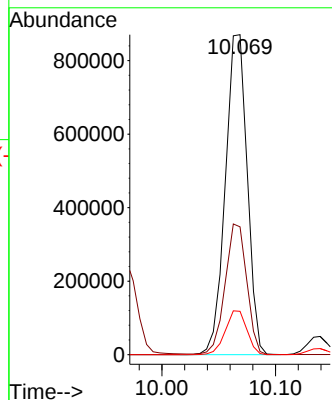
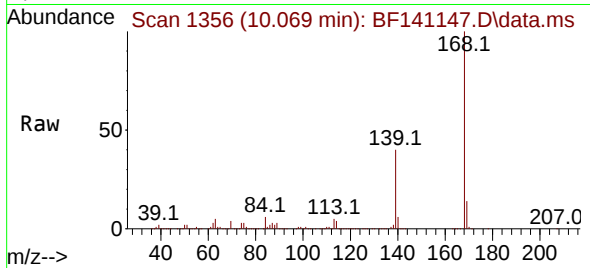




#55
Dibenzenofuran
Concen: 51.053 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

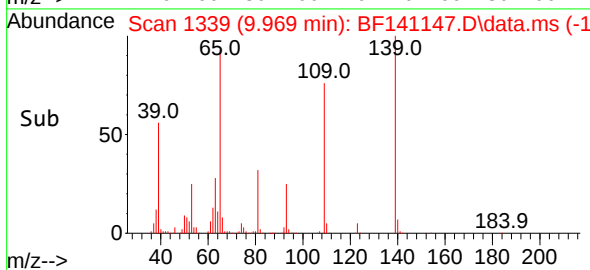
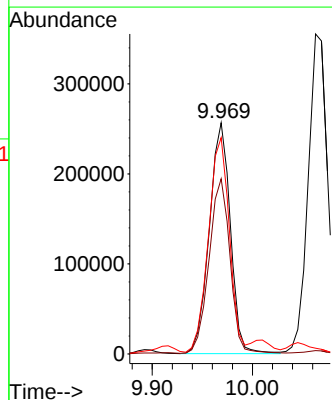
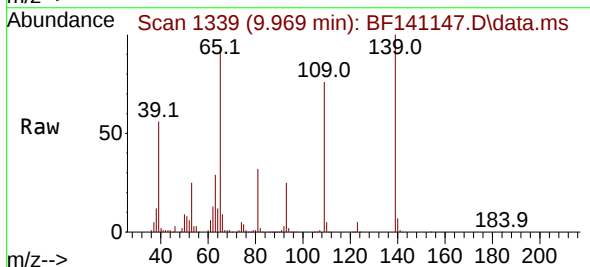
Instrument :
BNA_F
ClientSampleId :
PB166045BS

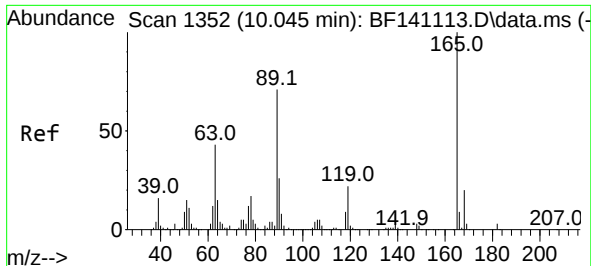
Tgt Ion:168 Resp: 1166441
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 108.325 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:139 Resp: 374444
Ion Ratio Lower Upper
139 100
109 75.8 50.2 90.2
65 93.6 72.1 112.1

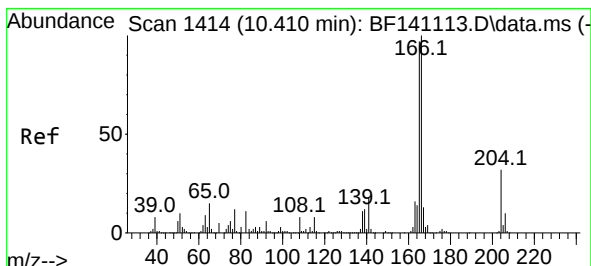
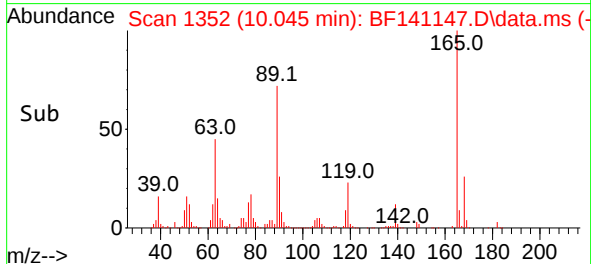
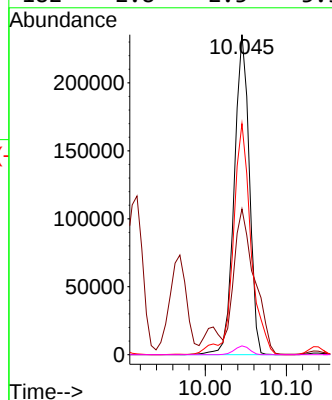
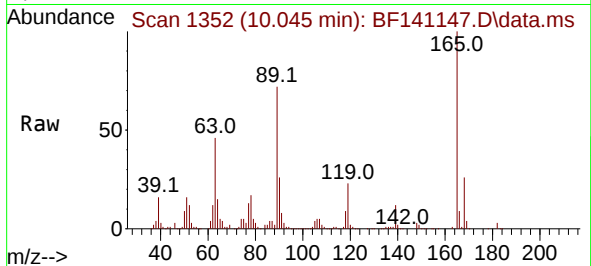




#57
2,4-Dinitrotoluene
Concen: 54.137 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

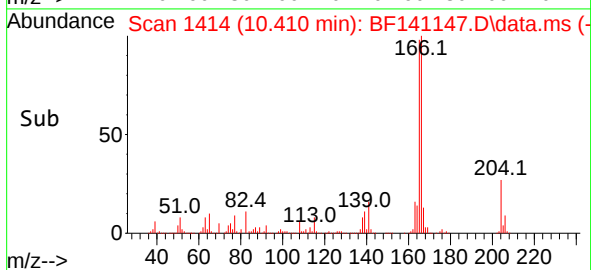
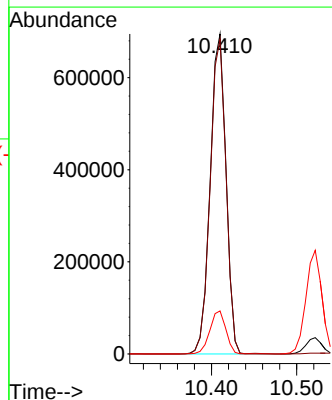
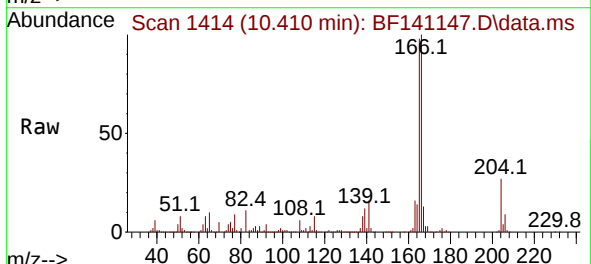
Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion:165 Resp: 303025
Ion Ratio Lower Upper
165 100
63 45.6 35.0 52.4
89 72.2 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 50.452 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:166 Resp: 895535
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 13.4 10.8 16.2

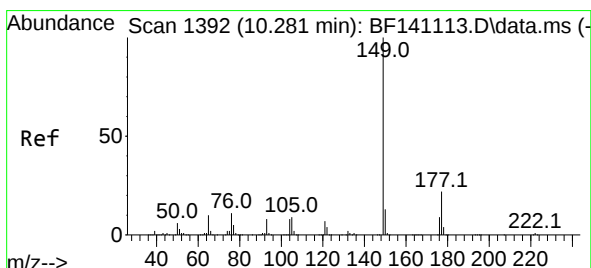
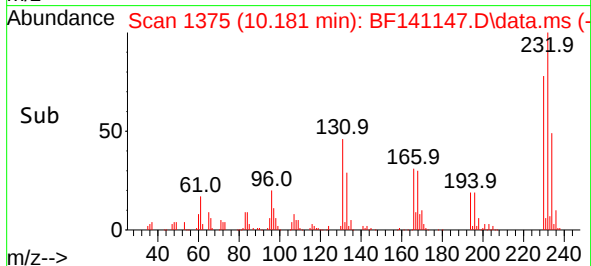
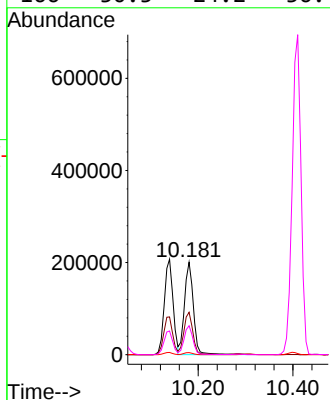
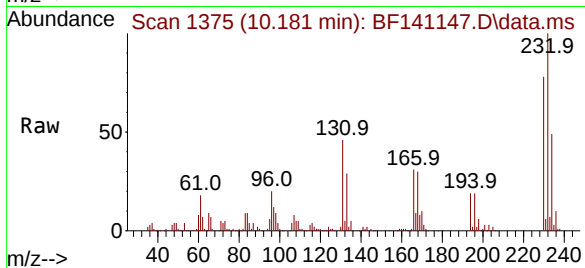




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.516 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

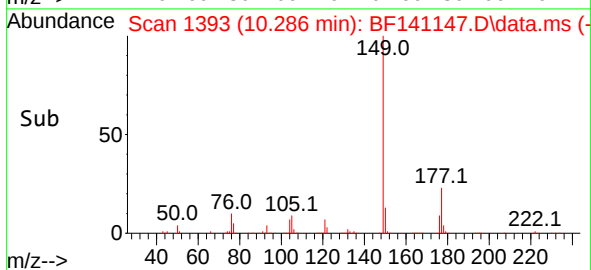
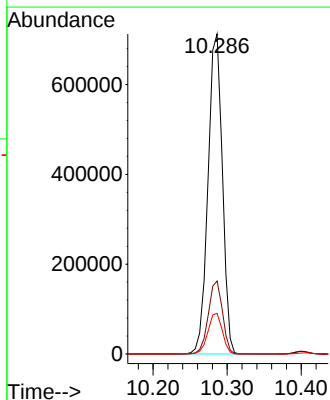
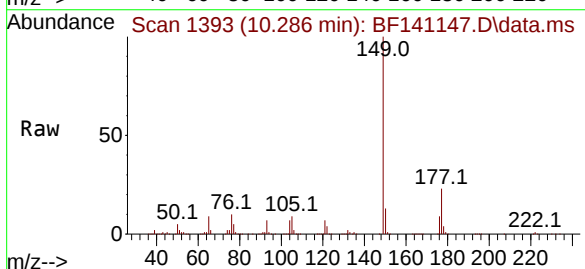
Instrument :
BNA_F
ClientSampleId :
PB166045BS

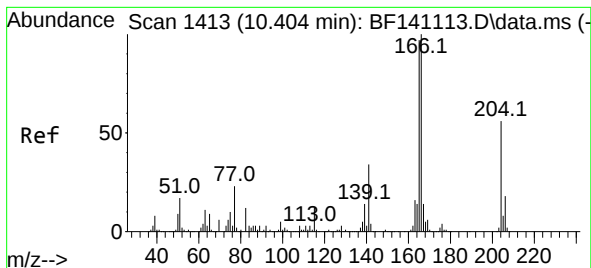
Tgt Ion:232 Resp: 262466
Ion Ratio Lower Upper
232 100
131 45.8 36.2 54.4
130 2.3 2.0 3.0
166 30.3 24.2 36.4



#60
Diethylphthalate
Concen: 52.520 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:149 Resp: 957635
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.7 10.2 15.2

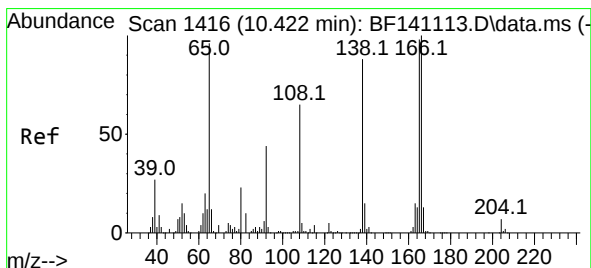
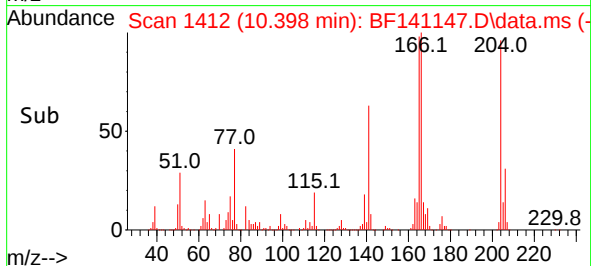
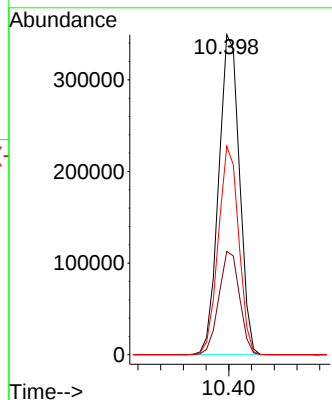
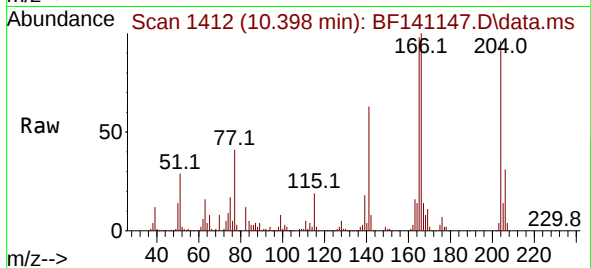




#61
4-Chlorophenyl-phenylether
Concen: 51.340 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

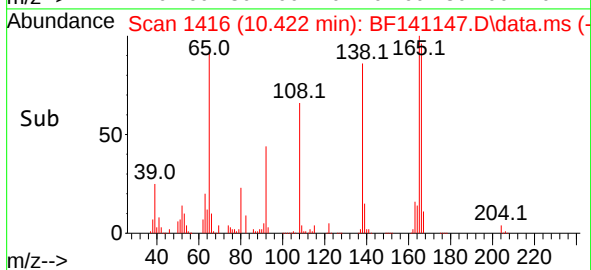
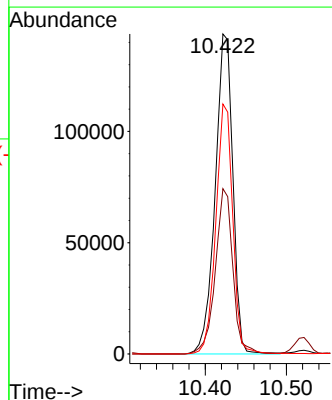
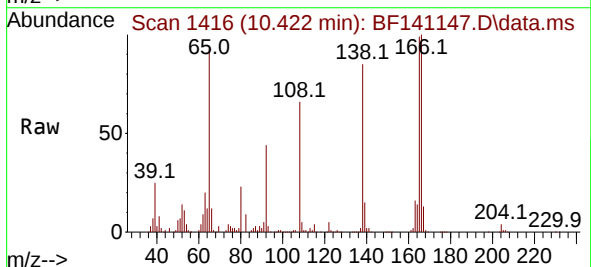
Instrument :
BNA_F
ClientSampleId :
PB166045BS

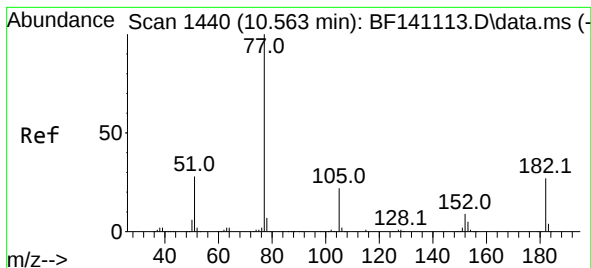
Tgt Ion:204 Resp: 444153
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 65.1 49.1 73.7



#62
4-Nitroaniline
Concen: 50.401 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:138 Resp: 217728
Ion Ratio Lower Upper
138 100
92 51.7 29.4 69.4
108 78.1 53.7 93.7





#63

Azobenzene

Concen: 51.677 ng

RT: 10.563 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

Tgt Ion: 77 Resp: 929758

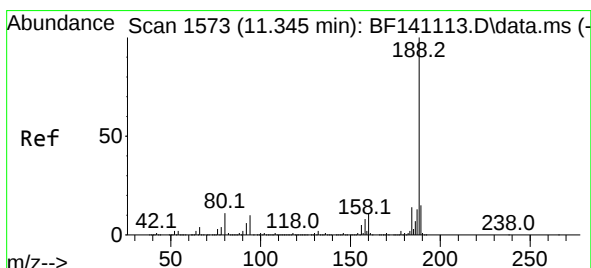
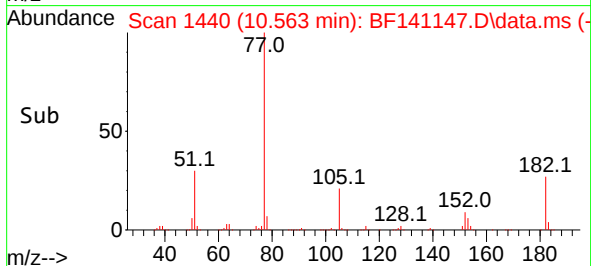
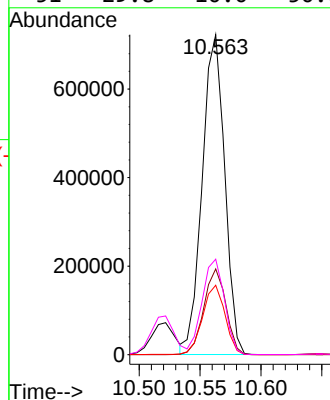
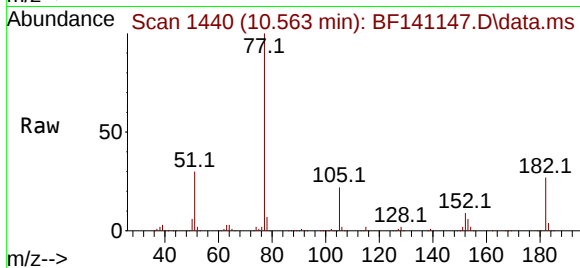
Ion Ratio Lower Upper

77 100

182 26.8 6.1 46.1

105 21.7 2.1 42.1

51 29.8 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

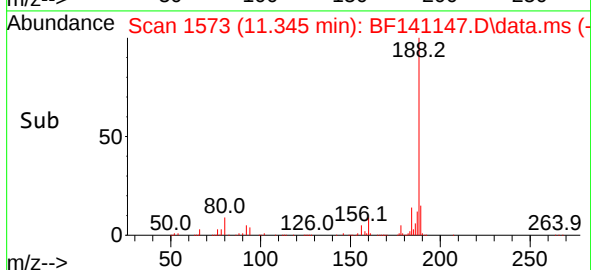
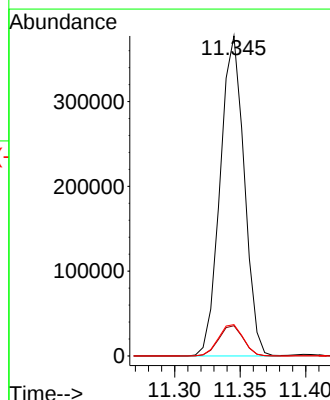
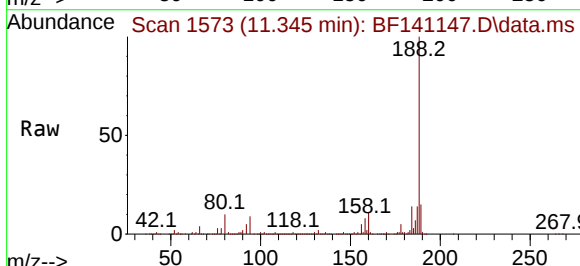
Tgt Ion: 188 Resp: 481266

Ion Ratio Lower Upper

188 100

94 9.4 8.3 12.5

80 9.8 9.0 13.4

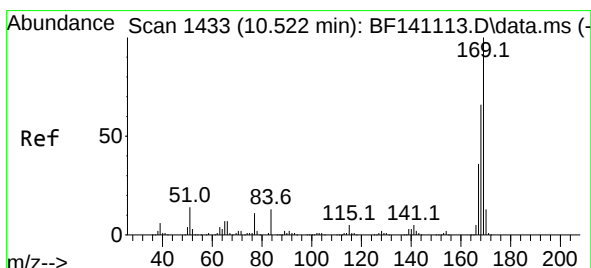
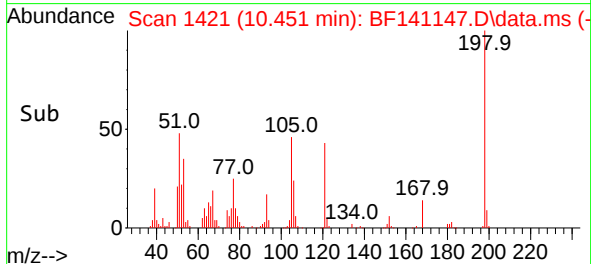
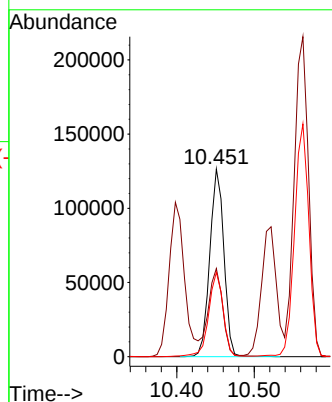
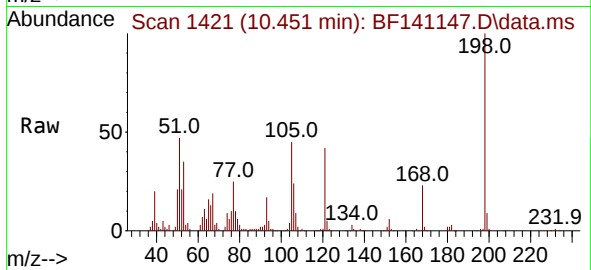




#65
4,6-Dinitro-2-methylphenol
Concen: 57.243 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

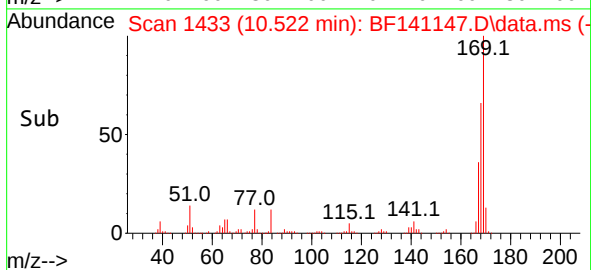
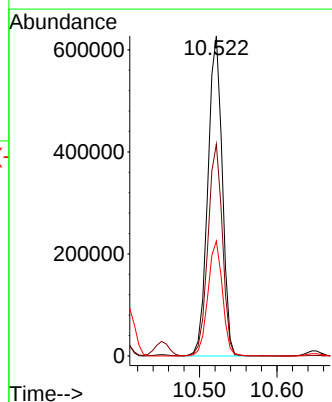
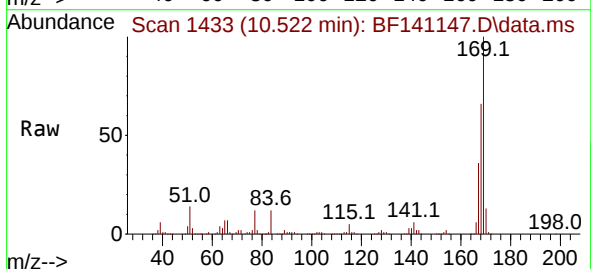
Instrument :
BNA_F
ClientSampleId :
PB166045BS

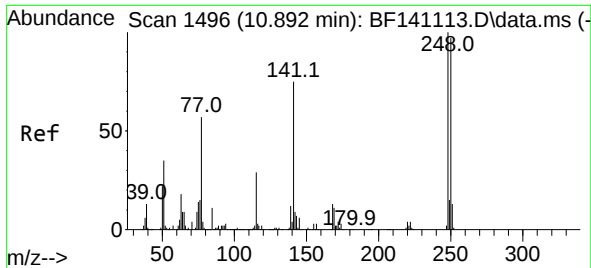
Tgt Ion:198 Resp: 159638
Ion Ratio Lower Upper
198 100
51 47.0 27.1 67.1
105 45.0 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 51.987 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:169 Resp: 806997
Ion Ratio Lower Upper
169 100
168 66.2 52.5 78.7
167 35.9 28.9 43.3

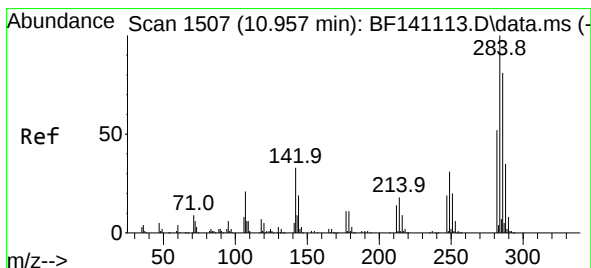
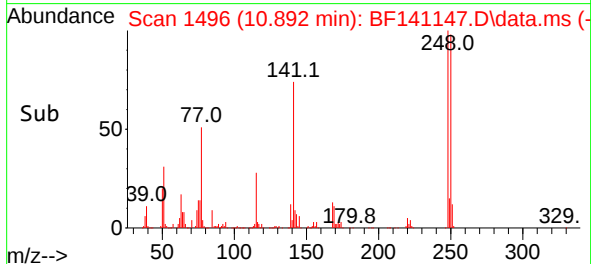
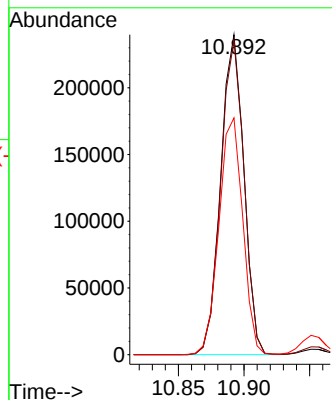
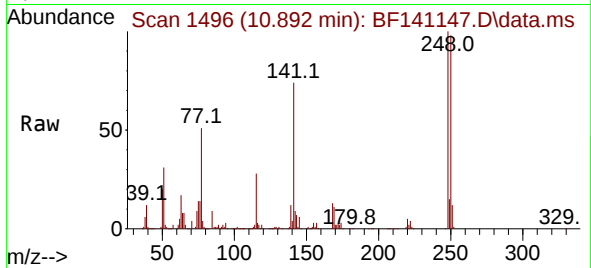




#67
4-Bromophenyl-phenylether
Concen: 53.220 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

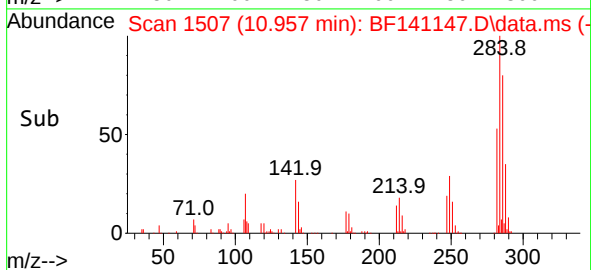
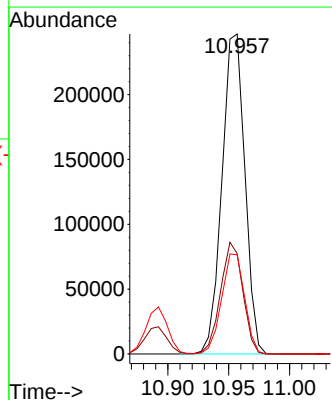
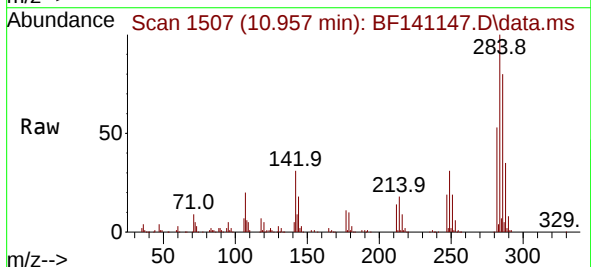
Instrument :
BNA_F
ClientSampleId :
PB166045BS

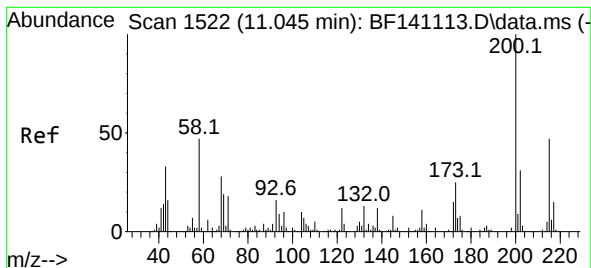
Tgt Ion:248 Resp: 294884
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 74.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 52.317 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:284 Resp: 322687
Ion Ratio Lower Upper
284 100
142 31.3 26.3 39.5
249 31.0 24.9 37.3





#69

Atrazine

Concen: 67.155 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

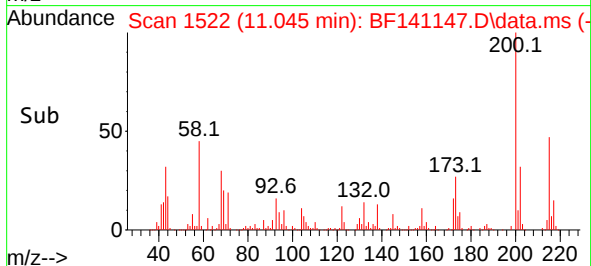
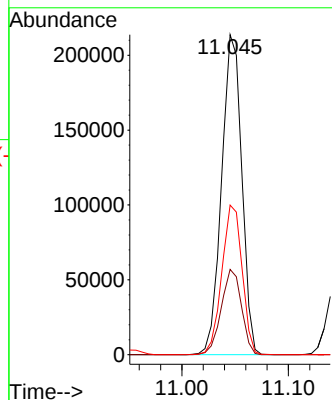
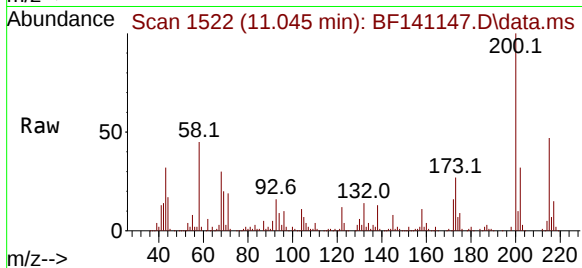
Tgt Ion:200 Resp: 280688

Ion Ratio Lower Upper

200 100

173 26.7 5.4 45.4

215 46.8 26.6 66.6



#70

Pentachlorophenol

Concen: 104.116 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

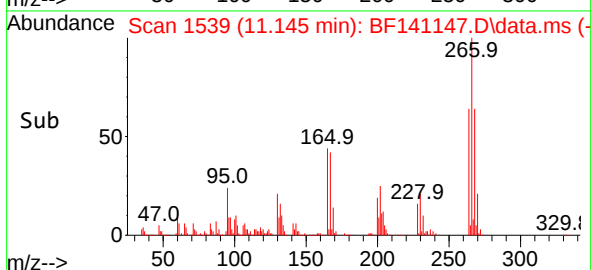
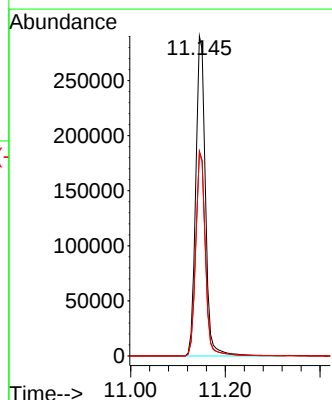
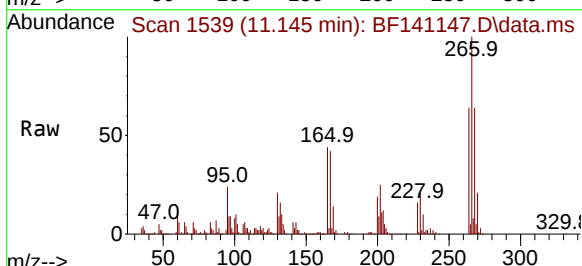
Tgt Ion:266 Resp: 411255

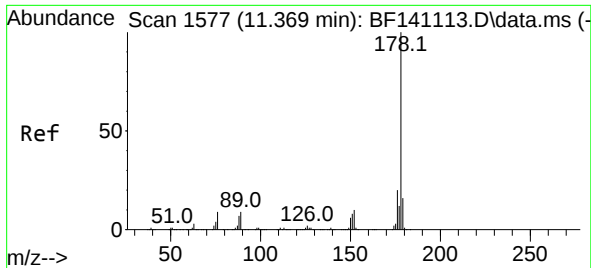
Ion Ratio Lower Upper

266 100

268 64.0 50.4 75.6

264 63.6 50.2 75.2

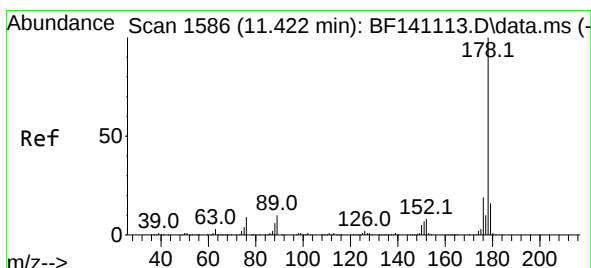
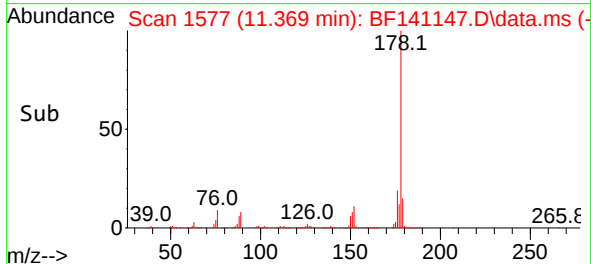
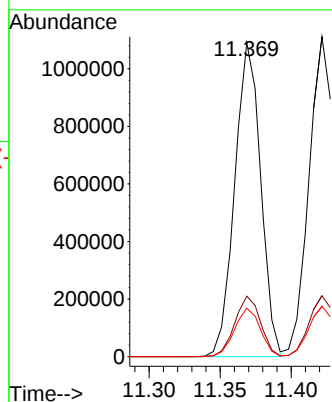
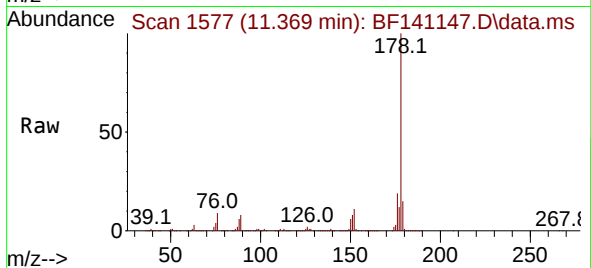




#71
Phenanthrene
Concen: 53.693 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

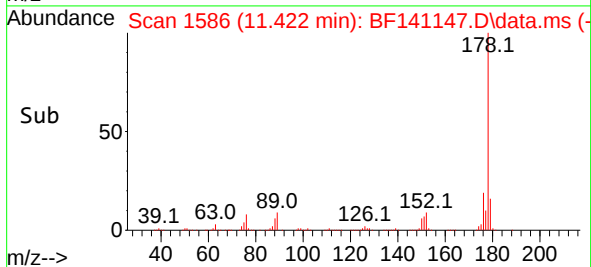
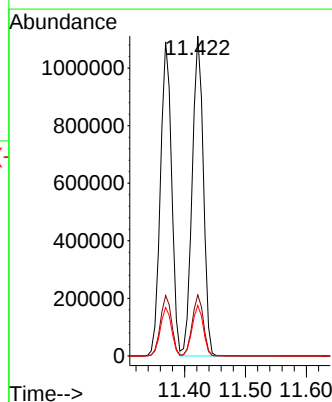
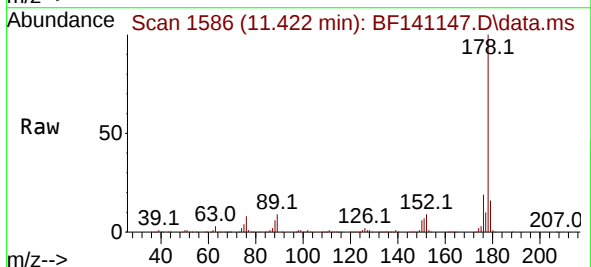
Instrument :
BNA_F
ClientSampleId :
PB166045BS

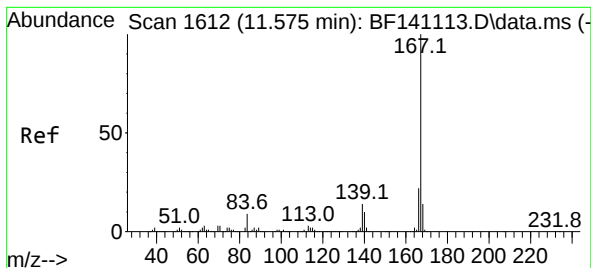
Tgt Ion:178 Resp: 1387297
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.4 12.6 19.0



#72
Anthracene
Concen: 56.111 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:178 Resp: 1409689
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.7 12.6 19.0





#73

Carbazole

Concen: 53.473 ng

RT: 11.575 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

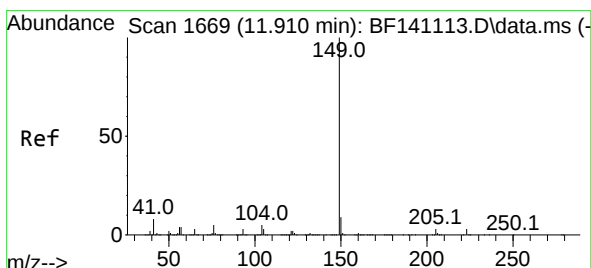
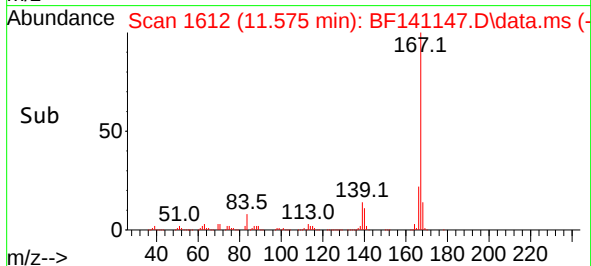
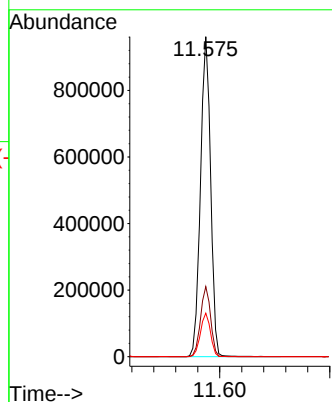
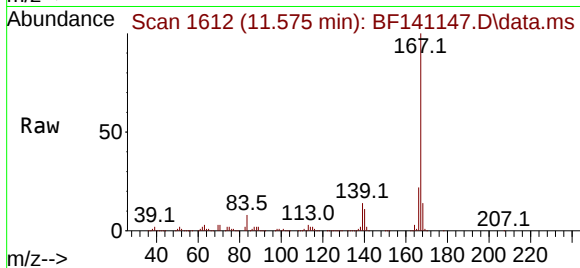
Tgt Ion:167 Resp: 1231824

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 55.178 ng

RT: 11.910 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

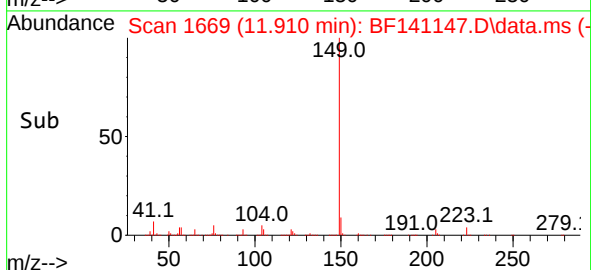
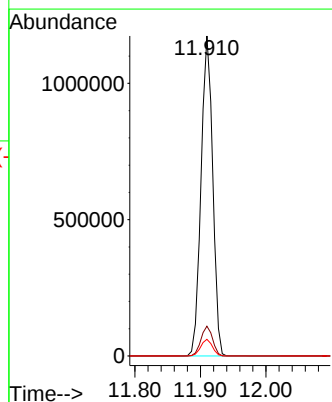
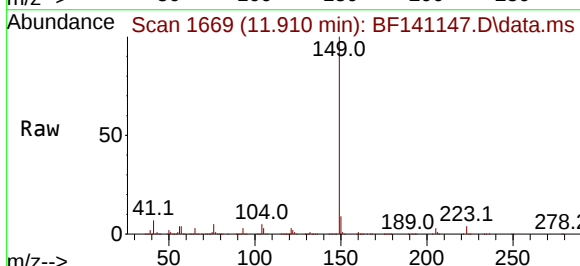
Tgt Ion:149 Resp: 1454660

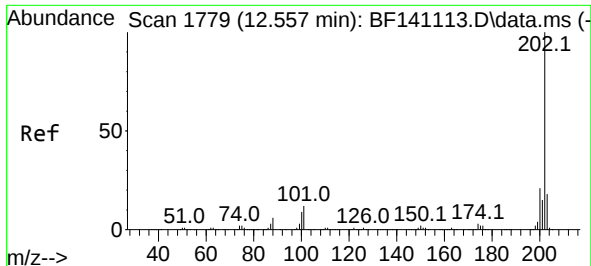
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.2 4.2 6.2

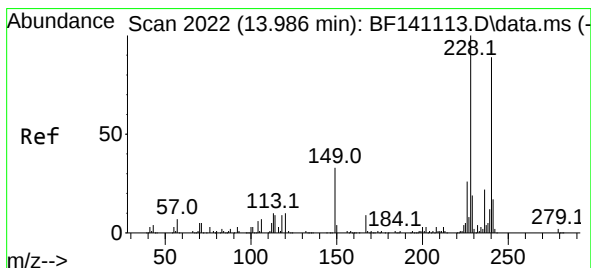
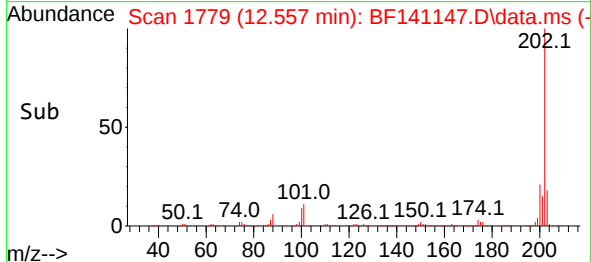
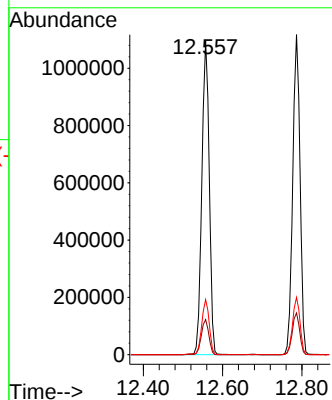
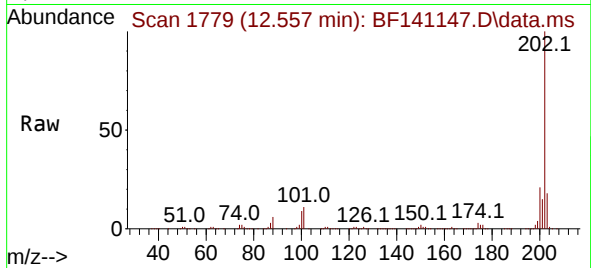




#75
Fluoranthene
Concen: 55.163 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

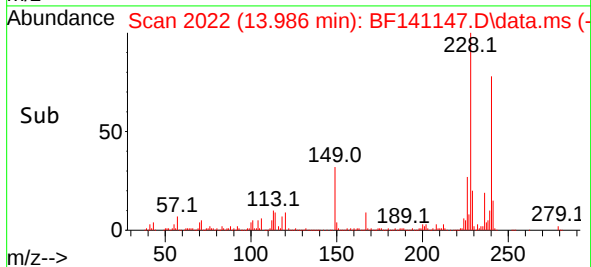
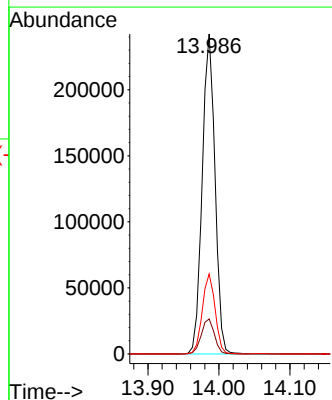
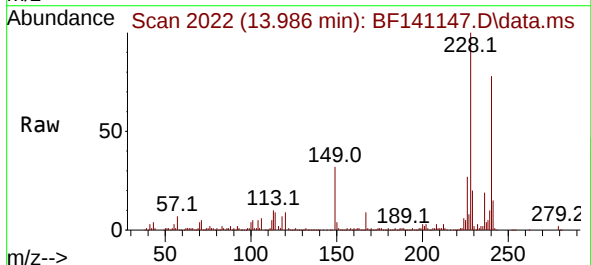
Instrument :
BNA_F
ClientSampleId :
PB166045BS

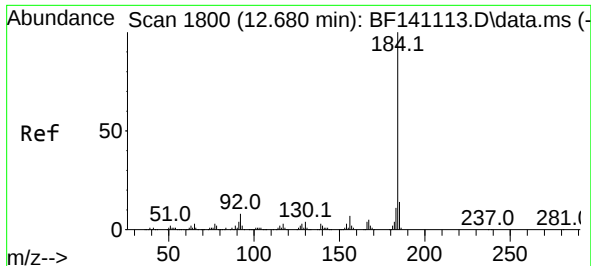
Tgt Ion:202 Resp: 1422286
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.3
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:240 Resp: 303765
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 25.0 19.8 29.6

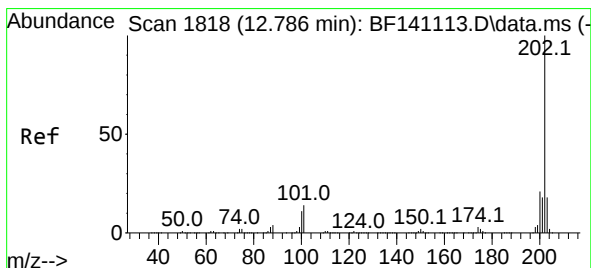
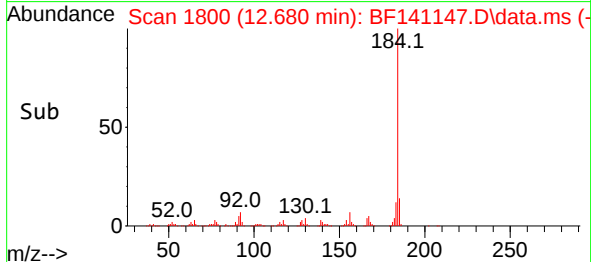
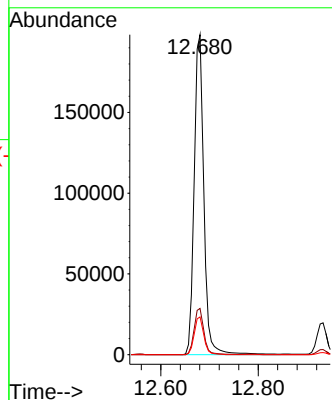
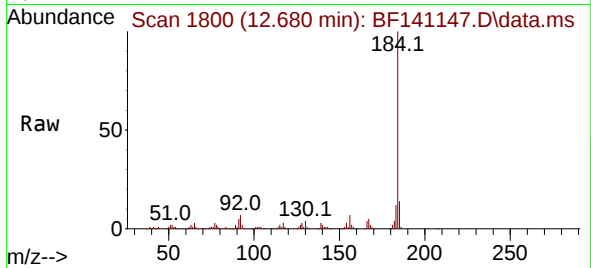




#77
Benzidine
Concen: 48.934 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

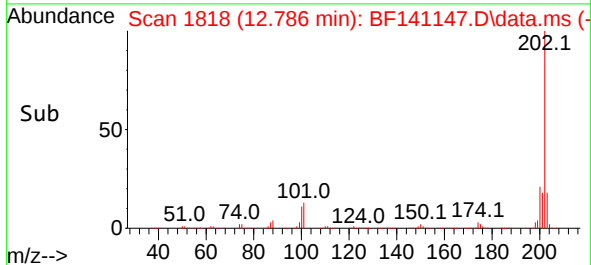
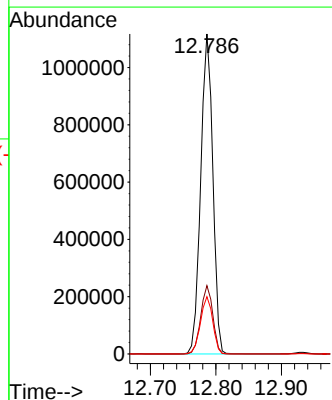
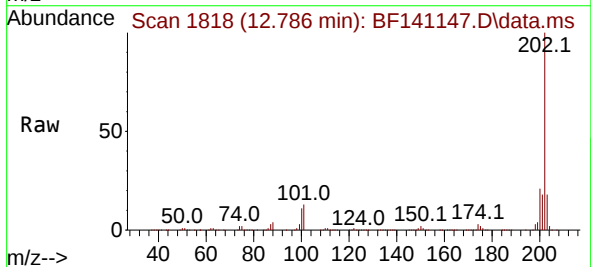
Instrument :
BNA_F
ClientSampleId :
PB166045BS

Tgt Ion:184 Resp: 275651
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 11.8 9.2 13.8



#78
Pyrene
Concen: 49.524 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:202 Resp: 1436875
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 100.530 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

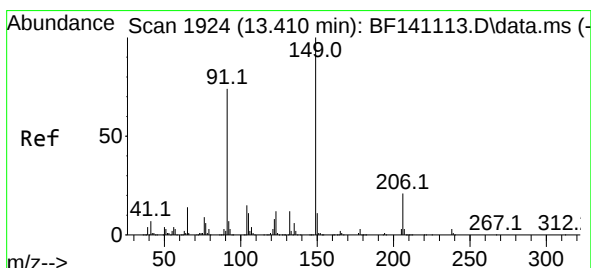
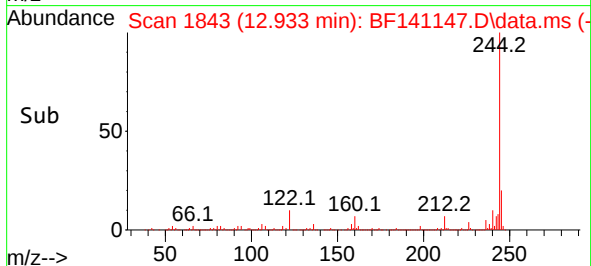
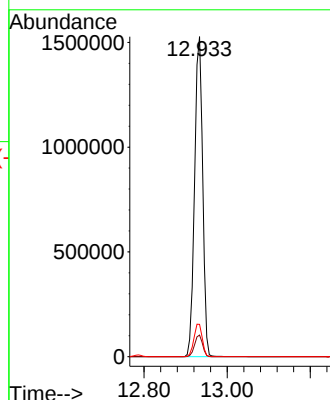
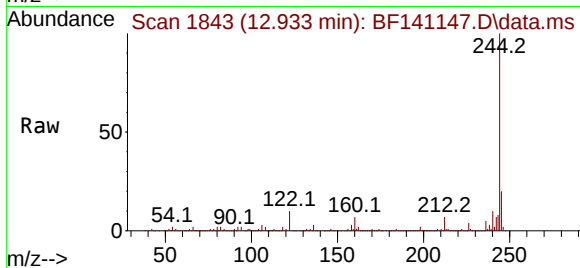
Tgt Ion:244 Resp: 2054600

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 55.706 ng

RT: 13.410 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

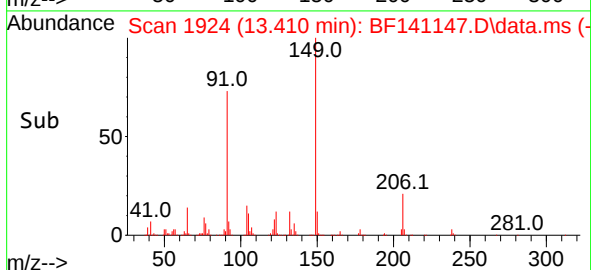
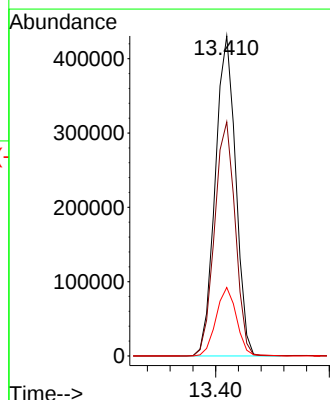
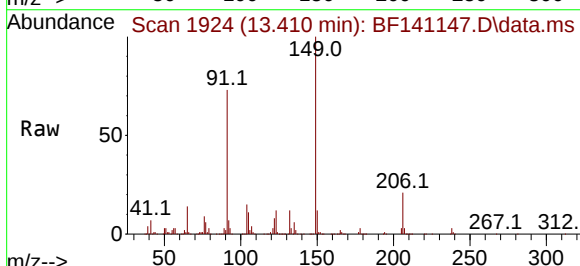
Tgt Ion:149 Resp: 538862

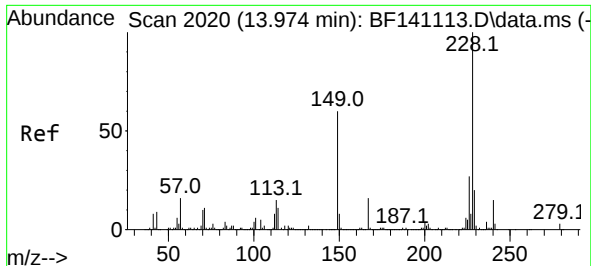
Ion Ratio Lower Upper

149 100

91 73.1 59.0 88.6

206 21.4 16.5 24.7

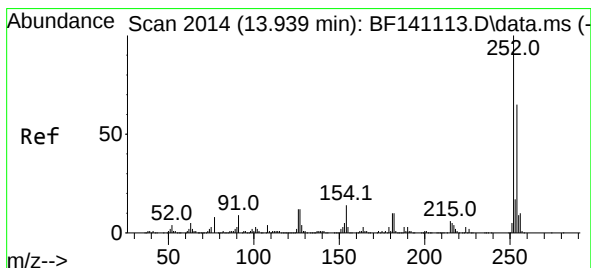
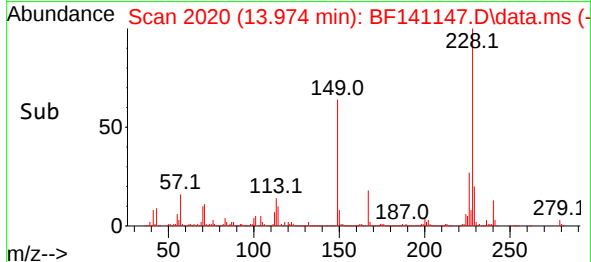
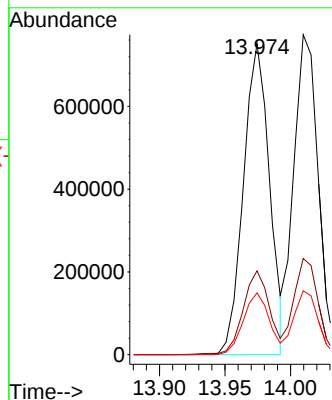
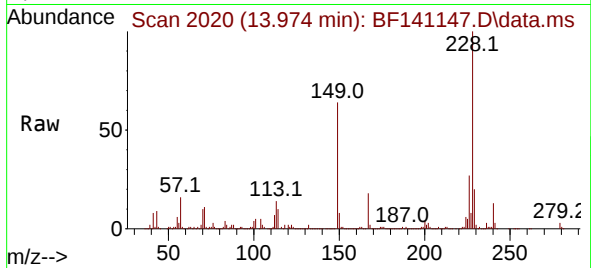




#81
Benzo(a)anthracene
Concen: 50.331 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

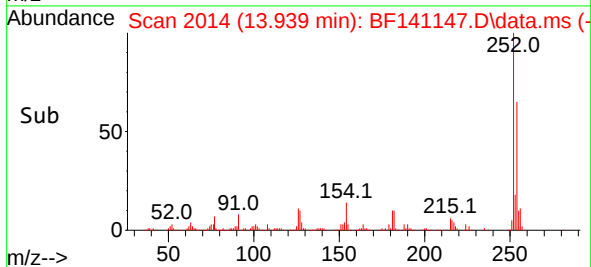
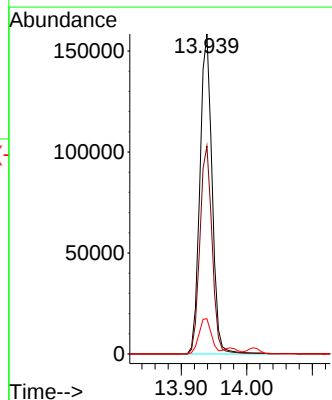
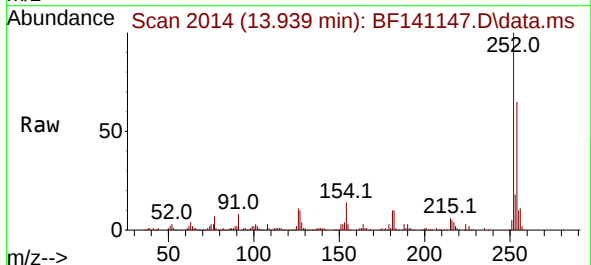
Instrument :
BNA_F
ClientSampleId :
PB166045BS

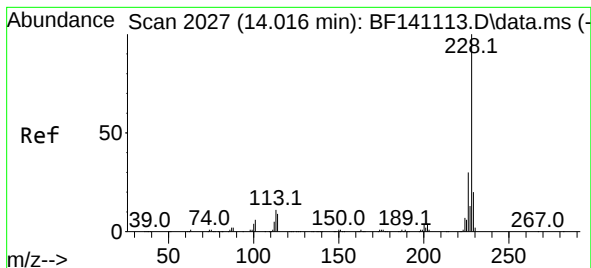
Tgt Ion:228 Resp: 1040498
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 31.162 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141147.D
Acq: 14 Jan 2025 15:55

Tgt Ion:252 Resp: 205127
Ion Ratio Lower Upper
252 100
254 64.9 52.0 78.0
126 11.0 9.4 14.0





#83

Chrysene

Concen: 51.655 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

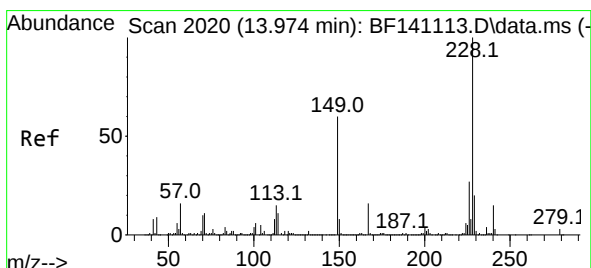
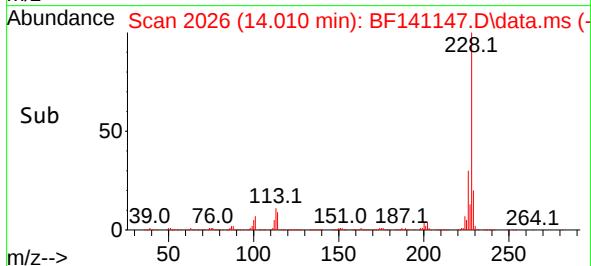
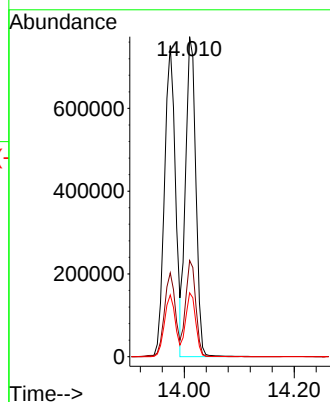
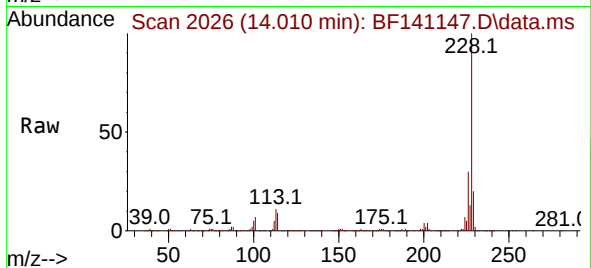
Tgt Ion:228 Resp: 999197

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.234 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

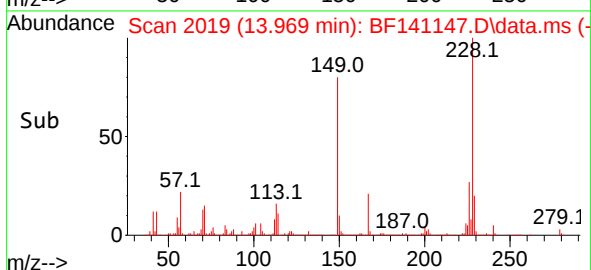
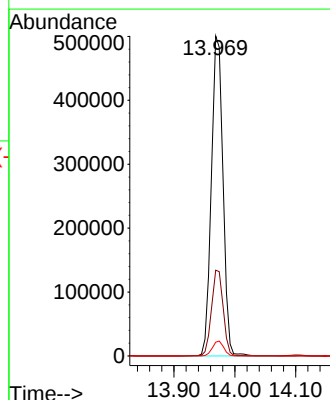
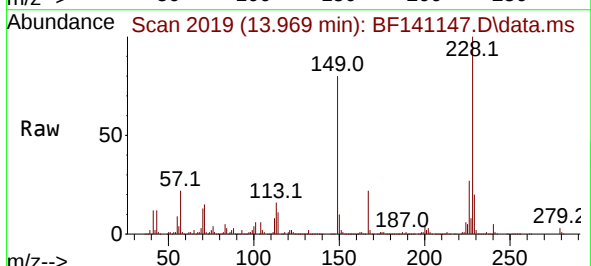
Tgt Ion:149 Resp: 664287

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.2

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 54.977 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

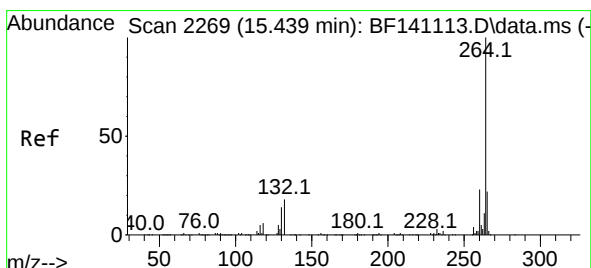
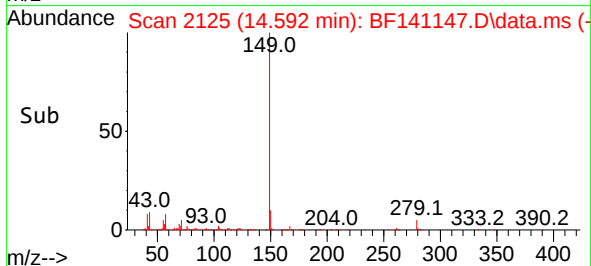
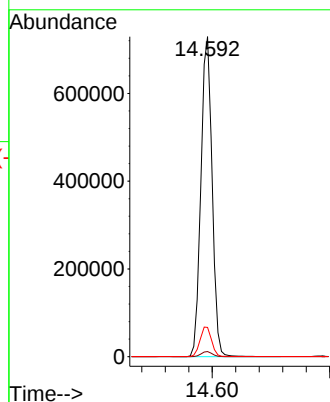
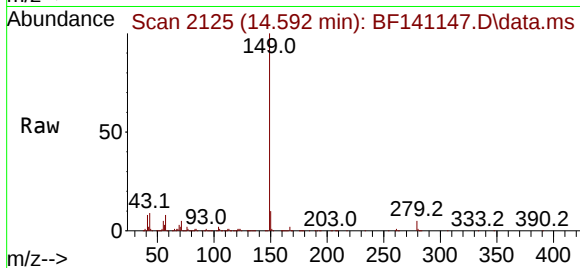
Tgt Ion:149 Resp: 963571

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

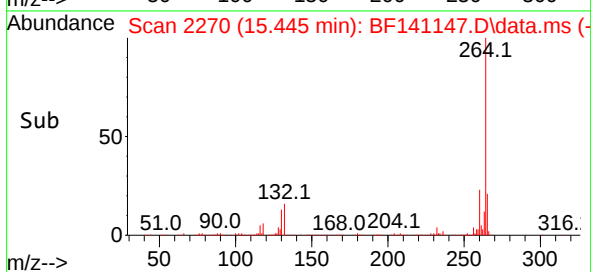
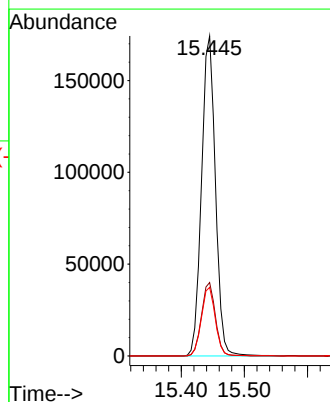
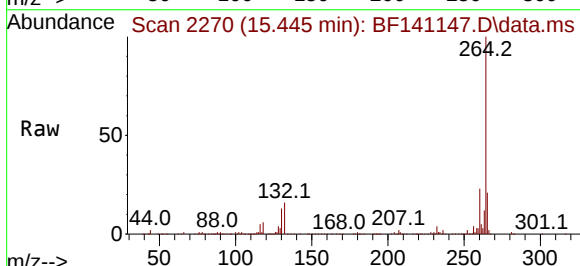
Tgt Ion:264 Resp: 266784

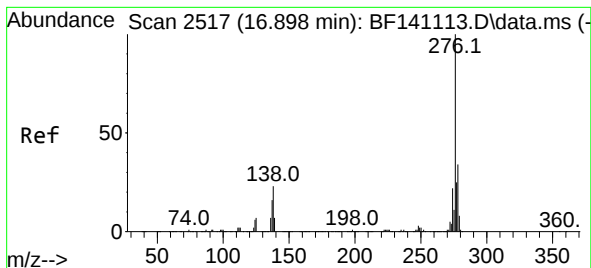
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.506 ng

RT: 16.898 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

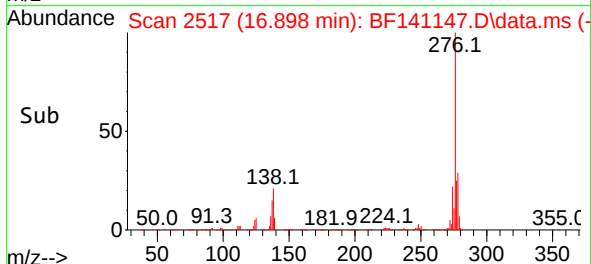
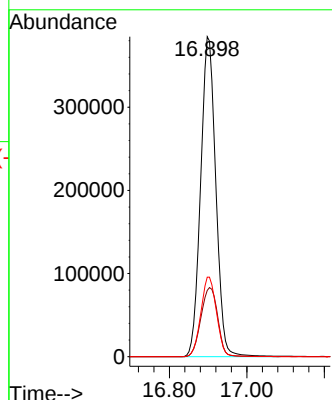
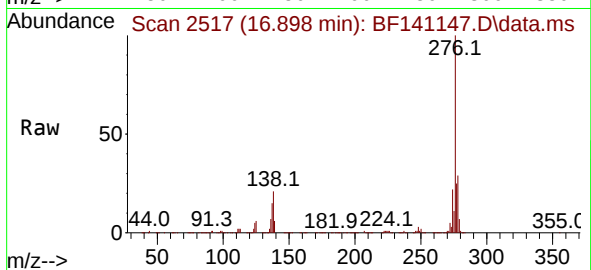
Tgt Ion:276 Resp: 1045789

Ion Ratio Lower Upper

276 100

138 23.9 20.7 31.1

277 25.8 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 55.620 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

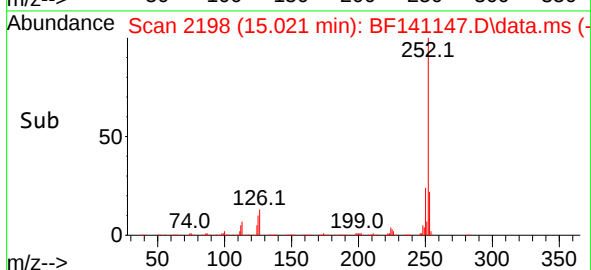
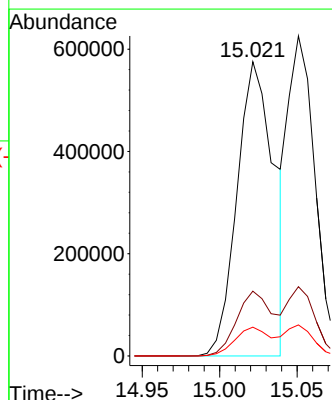
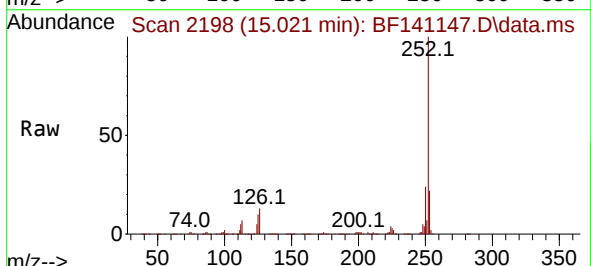
Tgt Ion:252 Resp: 956837

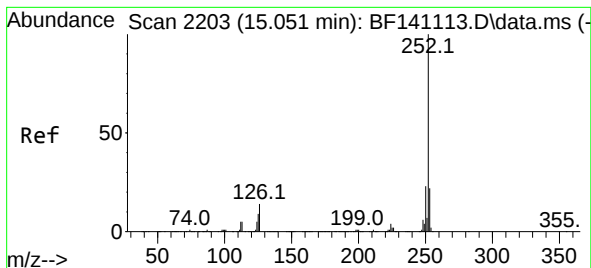
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 52.321 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

Instrument :

BNA_F

ClientSampleId :

PB166045BS

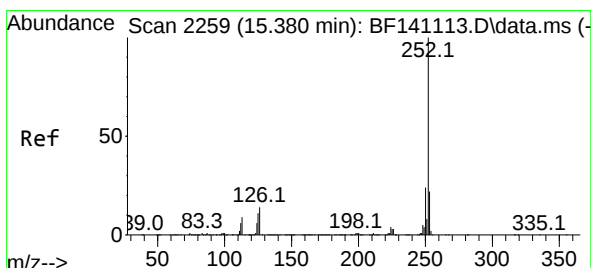
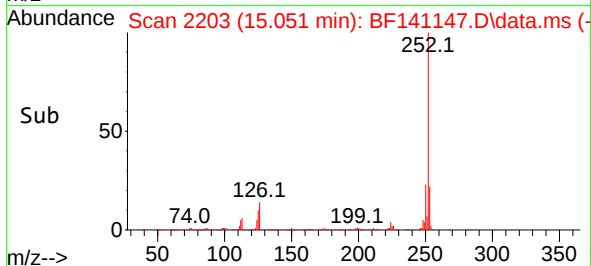
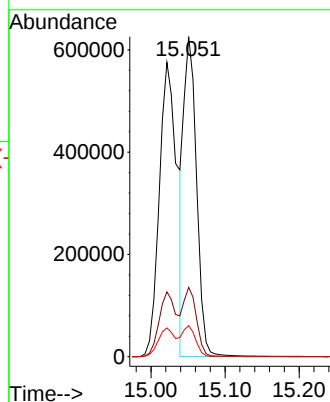
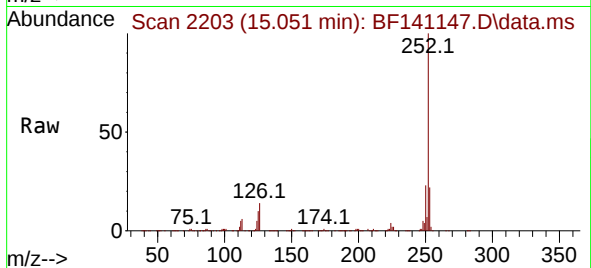
Tgt Ion:252 Resp: 760646

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 9.7 7.9 11.9



#90

Benzo(a)pyrene

Concen: 56.954 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141147.D

Acq: 14 Jan 2025 15:55

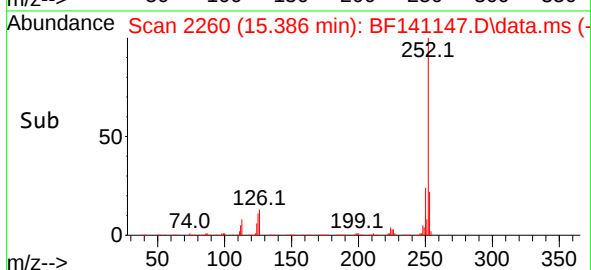
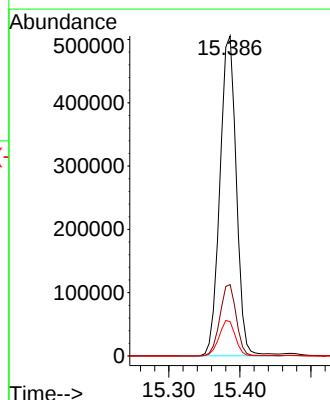
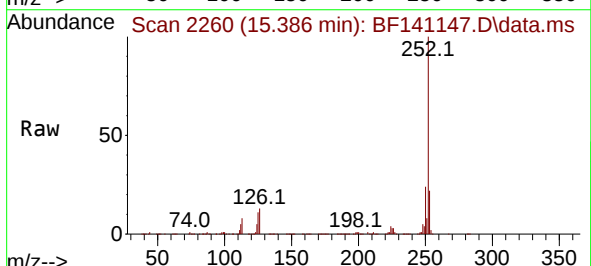
Tgt Ion:252 Resp: 808379

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.7 9.1 13.7

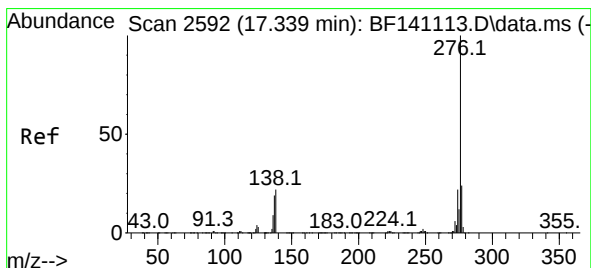
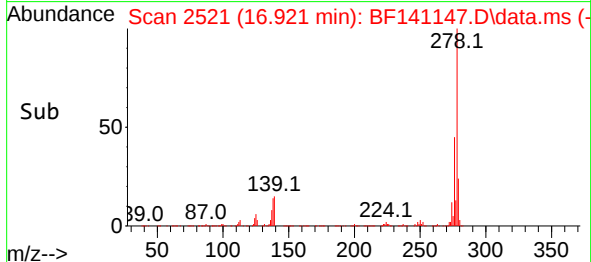
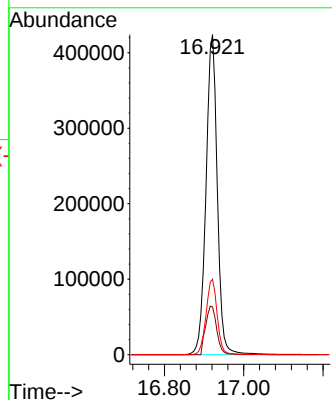
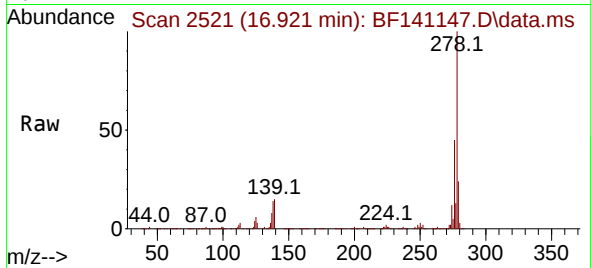




#91
 Dibenzo(a,h)anthracene
 Concen: 53.190 ng
 RT: 16.921 min Scan# 2521
 Delta R.T. 0.006 min
 Lab File: BF141147.D
 Acq: 14 Jan 2025 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB166045BS

Tgt Ion:278 Resp: 840852
 Ion Ratio Lower Upper
 278 100
 139 14.9 13.8 20.6
 279 23.6 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 48.029 ng
 RT: 17.339 min Scan# 2592
 Delta R.T. 0.000 min
 Lab File: BF141147.D
 Acq: 14 Jan 2025 15:55

Tgt Ion:276 Resp: 789754
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.4
 138 20.6 17.4 26.2

