

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141167.D
 Acq On : 15 Jan 2025 11:19
 Operator : RC/JU
 Sample : PB166008BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166008BS

Quant Time: Jan 15 11:40:22 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	6.822	152	128373	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	503608	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	270144	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	467141	20.000	ng	0.00
76) Chrysene-d12	13.986	240	312476	20.000	ng	0.00
86) Perylene-d12	15.445	264	279285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1183364	142.402	ng	0.01
7) Phenol-d6	6.451	99	1488168	141.375	ng	0.00
23) Nitrobenzene-d5	7.387	82	937164	98.643	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	484743	157.481	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1715899	96.995	ng	0.00
79) Terphenyl-d14	12.933	244	2055159	97.754	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	158439	42.815	ng	99
3) Pyridine	3.369	79	401898	44.288	ng	98
4) n-Nitrosodimethylamine	3.322	42	222418	50.126	ng	97
6) Aniline	6.481	93	373415	39.956	ng	96
8) 2-Chlorophenol	6.604	128	473125	53.067	ng	97
9) Benzaldehyde	6.369	77	58152	9.380	ng	97
10) Phenol	6.463	94	563041	49.968	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	422820	50.351	ng	98
12) 1,3-Dichlorobenzene	6.763	146	493380	49.617	ng	98
13) 1,4-Dichlorobenzene	6.840	146	498856	49.785	ng	100
14) 1,2-Dichlorobenzene	6.987	146	472284	50.528	ng	98
15) Benzyl Alcohol	6.963	79	406142	53.427	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	562263	47.982	ng	96
17) 2-Methylphenol	7.069	107	372360	51.732	ng	98
18) Hexachloroethane	7.334	117	180637	49.850	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	310093	50.009	ng	98
20) 3+4-Methylphenols	7.222	107	464514	51.153	ng	93
22) Acetophenone	7.228	105	608505	50.827	ng	# 94
24) Nitrobenzene	7.404	77	482258	48.705	ng	99
25) Isophorone	7.640	82	833493	51.336	ng	99
26) 2-Nitrophenol	7.716	139	240678	53.436	ng	96
27) 2,4-Dimethylphenol	7.757	122	373051	61.404	ng	99
28) bis(2-Chloroethoxy)met...	7.851	93	508360	49.891	ng	100
29) 2,4-Dichlorophenol	7.957	162	380982	52.801	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	398785	48.352	ng	99
31) Naphthalene	8.128	128	1329653	50.066	ng	100
32) Benzoic acid	7.869	122	298388	51.200	ng	98
33) 4-Chloroaniline	8.169	127	175259	19.081	ng	99
34) Hexachlorobutadiene	8.245	225	244631	49.225	ng	99
35) Caprolactam	8.539	113	125844m	53.272	ng	
36) 4-Chloro-3-methylphenol	8.657	107	418000	52.970	ng	100
37) 2-Methylnaphthalene	8.816	142	860798	50.863	ng	100
38) 1-Methylnaphthalene	8.916	142	809950	48.561	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	388958	50.164	ng	98
41) Hexachlorocyclopentadiene	8.969	237	490062	193.186	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	282793	54.078	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	278346	50.399	ng	100
46) 1,1'-Biphenyl	9.281	154	1056455	50.357	ng	99
47) 2-Chloronaphthalene	9.304	162	796401	48.739	ng	100
48) 2-Nitroaniline	9.398	65	256733	53.002	ng	98
49) Acenaphthylene	9.722	152	1250235	53.554	ng	99
50) Dimethylphthalate	9.586	163	938397	51.743	ng	99
51) 2,6-Dinitrotoluene	9.645	165	213427	50.606	ng	98
52) Acenaphthene	9.892	154	939737	57.616	ng	100
53) 3-Nitroaniline	9.810	138	118514	27.653	ng	100
54) 2,4-Dinitrophenol	9.922	184	243101	121.270	ng	96
55) Dibenzofuran	10.069	168	1151614	51.909	ng	99
56) 4-Nitrophenol	9.975	139	377144	112.363	ng	98
57) 2,4-Dinitrotoluene	10.051	165	297217	54.685	ng	99
58) Fluorene	10.410	166	883041	51.233	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	250469	54.560	ng	99
60) Diethylphthalate	10.286	149	880708	49.743	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	422508	50.296	ng	100
62) 4-Nitroaniline	10.428	138	222239	52.981	ng	97
63) Azobenzene	10.563	77	881911	50.481	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	163796	60.509	ng	96
66) n-Nitrosodiphenylamine	10.522	169	776331	51.524	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	272552	50.677	ng	99
68) Hexachlorobenzene	10.957	284	315836	52.754	ng	98
69) Atrazine	11.051	200	262146	64.616	ng	99
70) Pentachlorophenol	11.151	266	399158	104.109	ng	98
71) Phenanthrene	11.375	178	1345642	53.655	ng	100
72) Anthracene	11.422	178	1383464	56.732	ng	100
73) Carbazole	11.575	167	1240340	55.471	ng	100
74) Di-n-butylphthalate	11.910	149	1327466	51.876	ng	100
75) Fluoranthene	12.557	202	1442414	57.635	ng	99
77) Benzidine	12.680	184	311851	53.817	ng	100
78) Pyrene	12.786	202	1460324	48.929	ng	99
80) Butylbenzylphthalate	13.410	149	523518	52.611	ng	98
81) Benzo(a)anthracene	13.974	228	1114870	52.425	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	220374	32.545	ng	98
83) Chrysene	14.016	228	971235	48.810	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	613202	51.360	ng	99
85) Di-n-octyl phthalate	14.586	149	896816	49.742	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1027187	50.202	ng	98
88) Benzo(b)fluoranthene	15.021	252	977639	54.285	ng	99
89) Benzo(k)fluoranthene	15.051	252	809540	53.191	ng	100
90) Benzo(a)pyrene	15.386	252	836418	56.292	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	826479	49.941	ng	98
92) Benzo(g,h,i)perylene	17.345	276	789103	45.842	ng	99

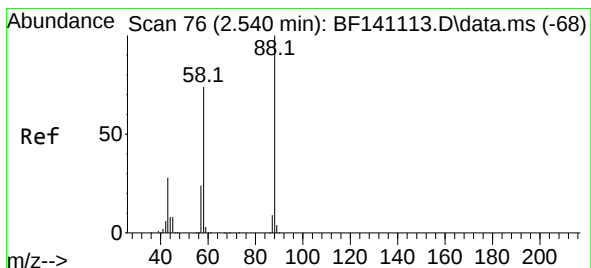
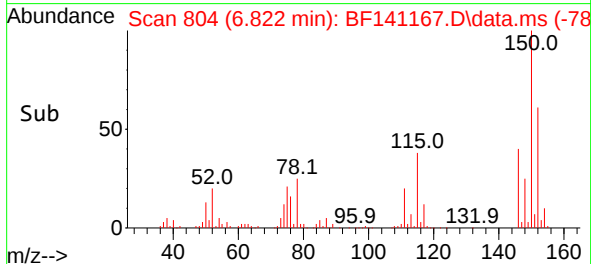
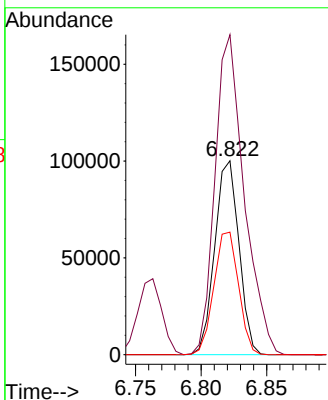
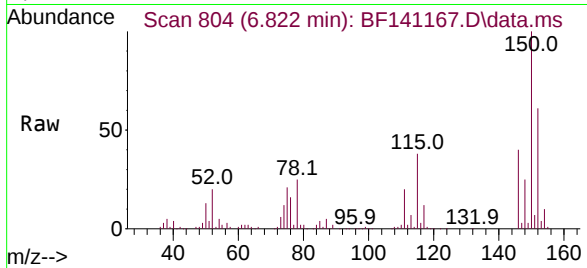
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141167.D
 Acq: 15 Jan 2025 11:19

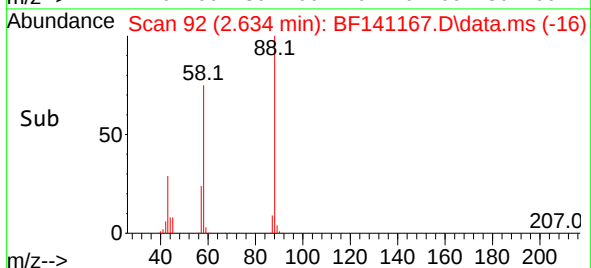
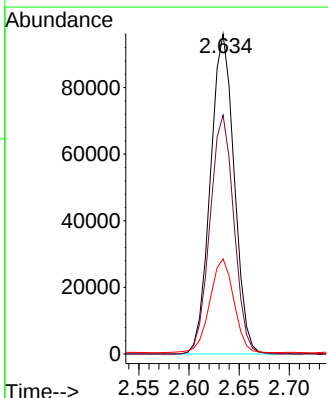
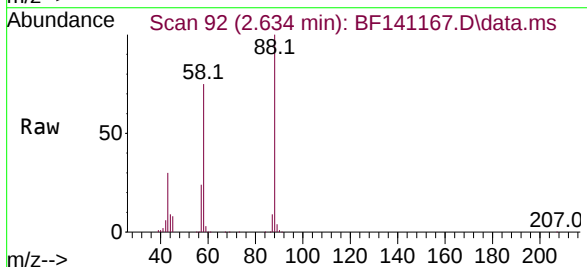
Instrument :
 BNA_F
 ClientSampleId :
 PB166008BS

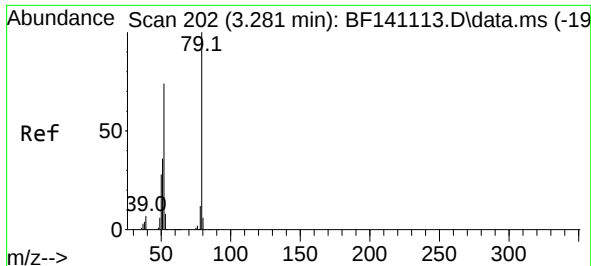
Tgt Ion:152 Resp: 128373
 Ion Ratio Lower Upper
 152 100
 150 165.0 125.8 188.8
 115 63.2 51.4 77.2



#2
 1,4-Dioxane
 Concen: 42.815 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF141167.D
 Acq: 15 Jan 2025 11:19

Tgt Ion: 88 Resp: 158439
 Ion Ratio Lower Upper
 88 100
 58 75.3 60.1 90.1
 43 29.7 23.1 34.7

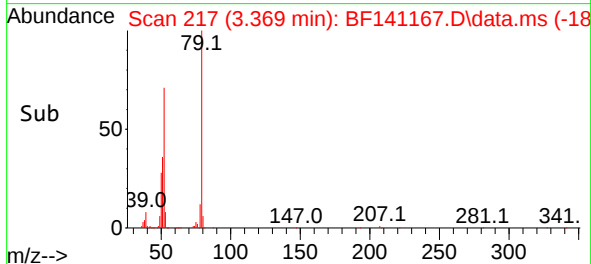
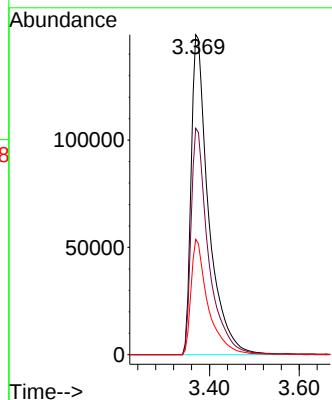
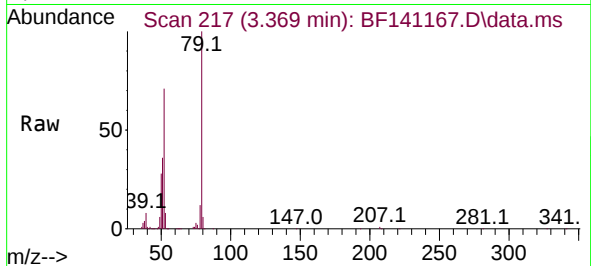




#3
Pyridine
Concen: 44.288 ng
RT: 3.369 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

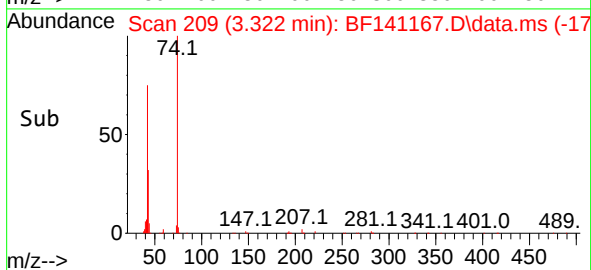
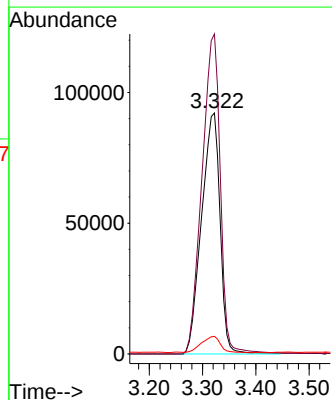
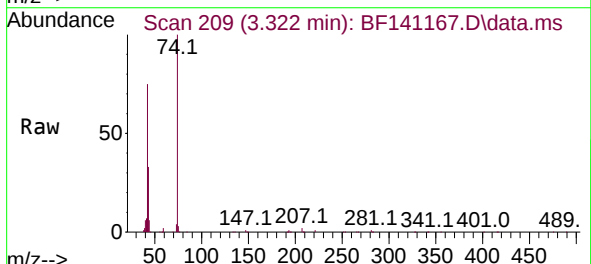
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion: 79 Resp: 401898
Ion Ratio Lower Upper
79 100
52 70.8 58.9 88.3
51 36.1 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 50.126 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.094 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion: 42 Resp: 222418
Ion Ratio Lower Upper
42 100
74 132.8 103.8 155.6
44 7.3 5.3 7.9

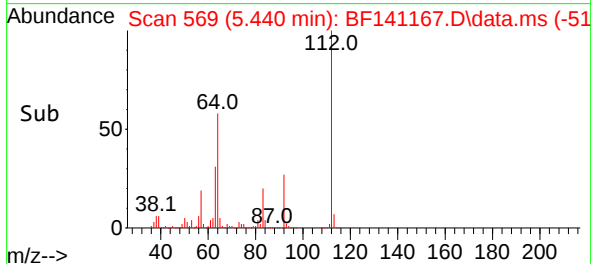
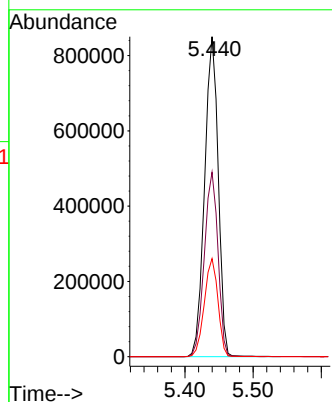
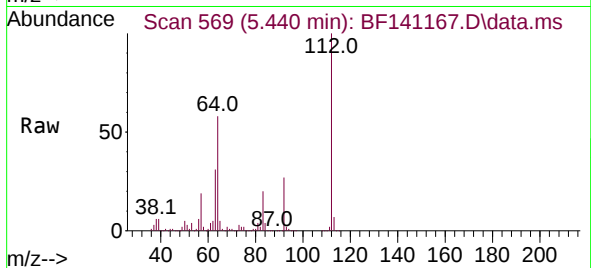




#5
2-Fluorophenol
Concen: 142.402 ng
RT: 5.440 min Scan# 509
Delta R.T. 0.012 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

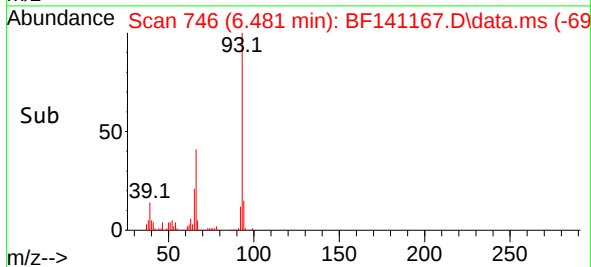
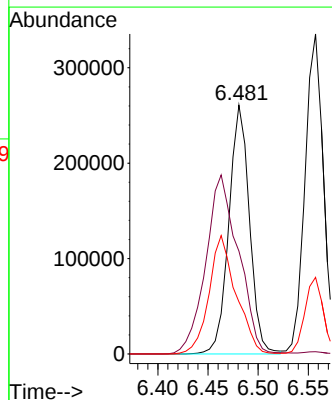
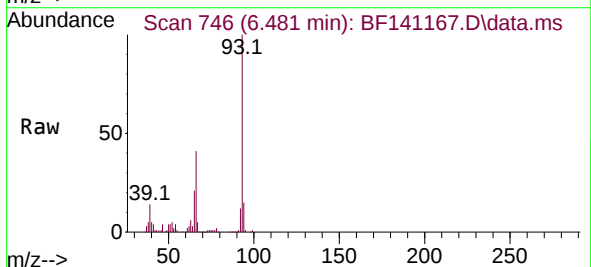
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion:112 Resp: 1183364
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 30.7 24.2 36.2



#6
Aniline
Concen: 39.956 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion: 93 Resp: 373415
Ion Ratio Lower Upper
93 100
66 41.3 31.5 47.3
65 21.0 15.3 22.9

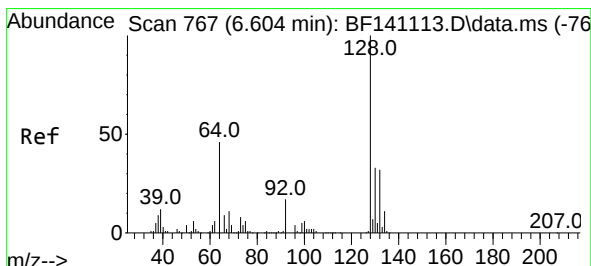
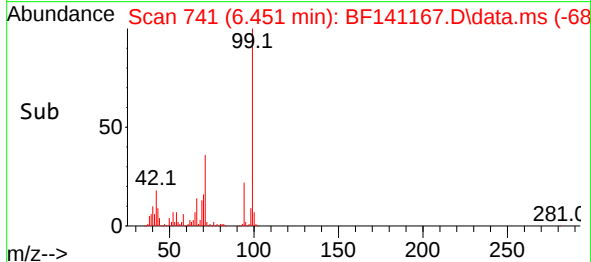
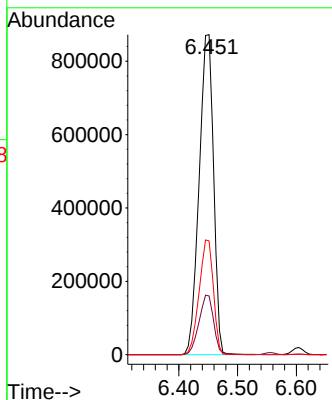
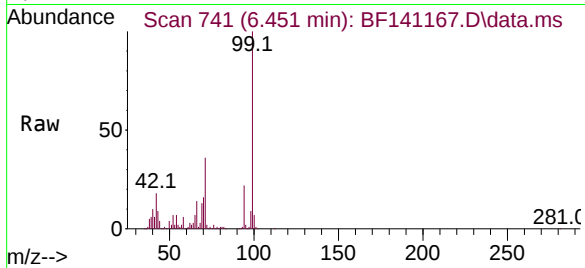




#7
Phenol-d6
Concen: 141.375 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

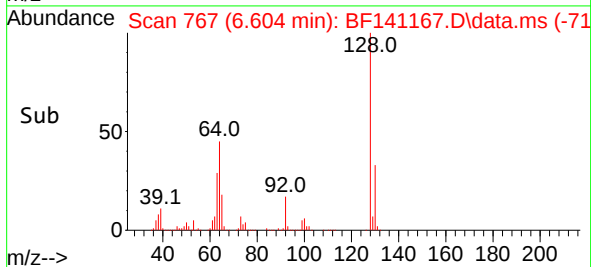
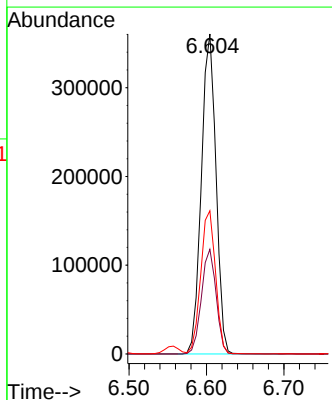
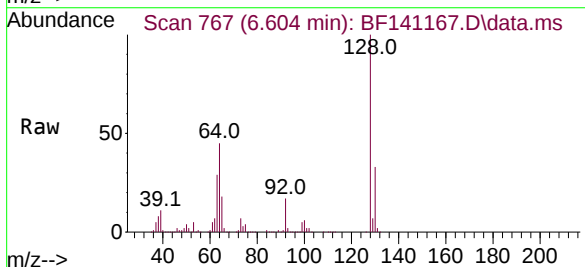
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1488168
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 35.5 27.6 41.4



#8
2-Chlorophenol
Concen: 53.067 ng
RT: 6.604 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion: 128 Resp: 473125
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 44.7 28.3 68.3

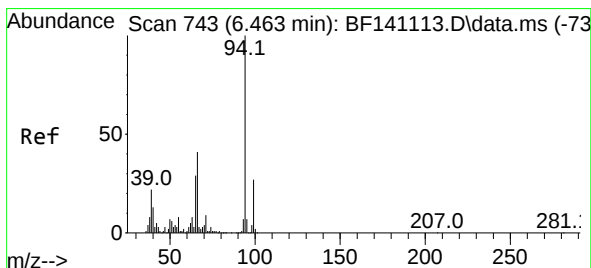
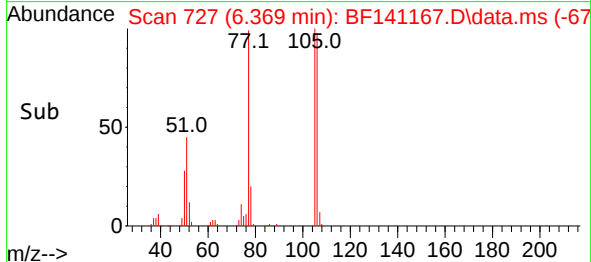
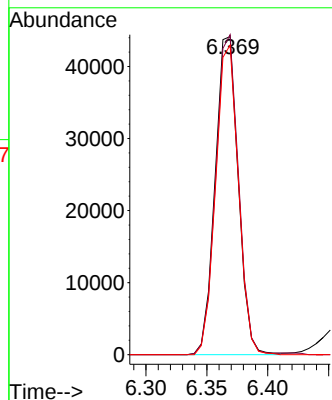
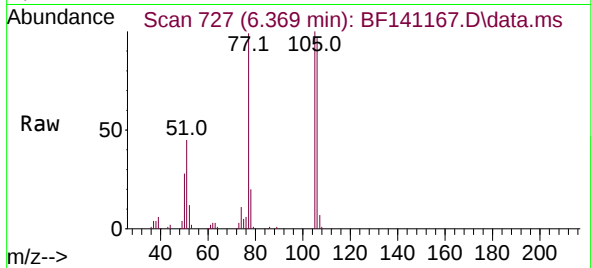




#9
Benzaldehyde
Concen: 9.380 ng
RT: 6.369 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

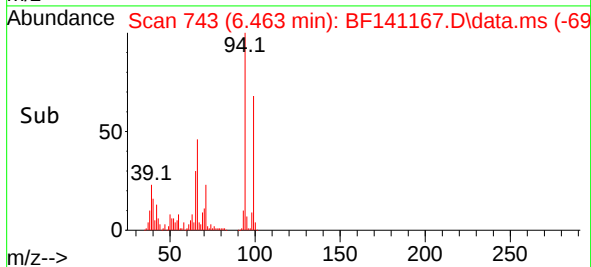
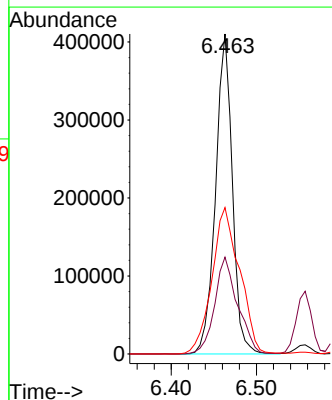
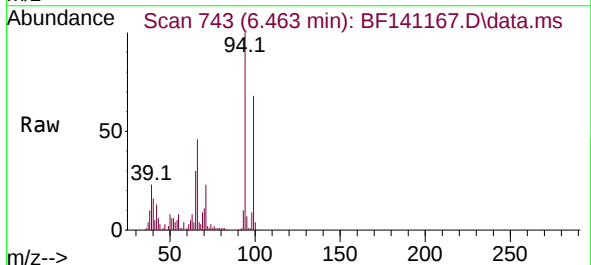
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion: 77 Resp: 58152
Ion Ratio Lower Upper
77 100
105 100.6 78.9 118.9
106 97.3 73.6 113.6



#10
Phenol
Concen: 49.968 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion: 94 Resp: 563041
Ion Ratio Lower Upper
94 100
65 30.3 8.9 48.9
66 45.7 21.2 61.2

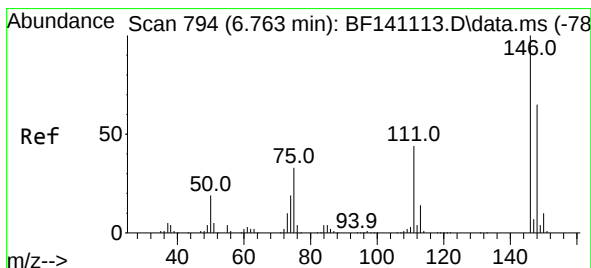
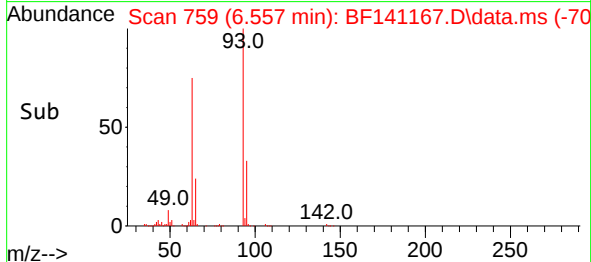
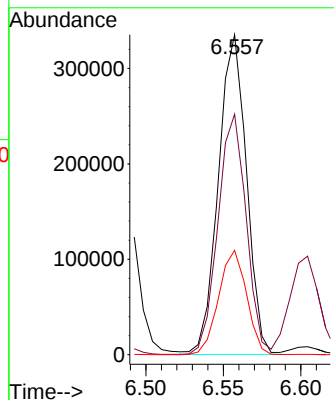
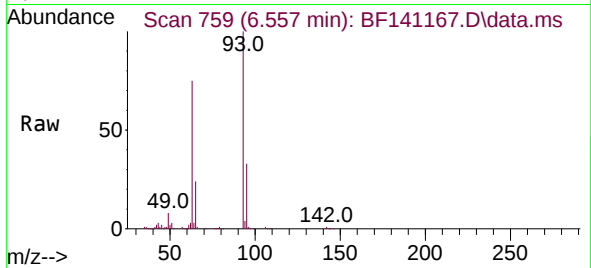




#11
bis(2-Chloroethyl)ether
Concen: 50.351 ng
RT: 6.557 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

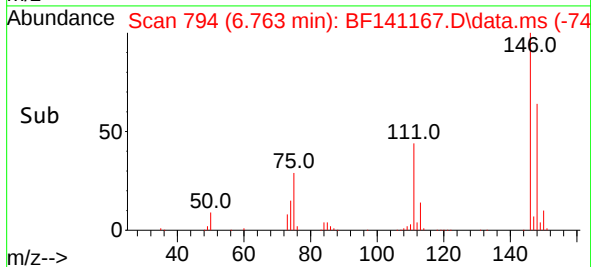
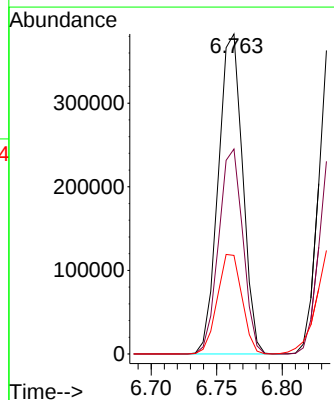
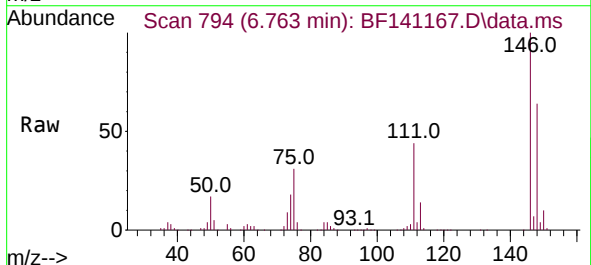
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ClientSampleId :
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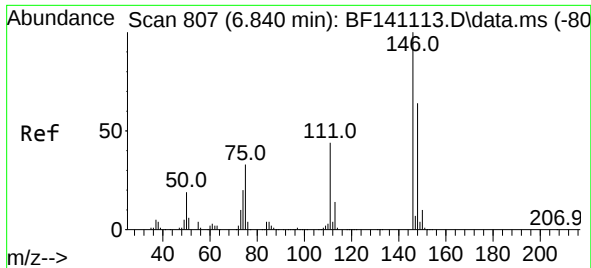
Tgt Ion: 93 Resp: 422820
Ion Ratio Lower Upper
93 100
63 75.1 58.0 98.0
95 32.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 49.617 ng
RT: 6.763 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:146 Resp: 493380
Ion Ratio Lower Upper
146 100
148 64.0 51.6 77.4
75 30.8 26.2 39.2

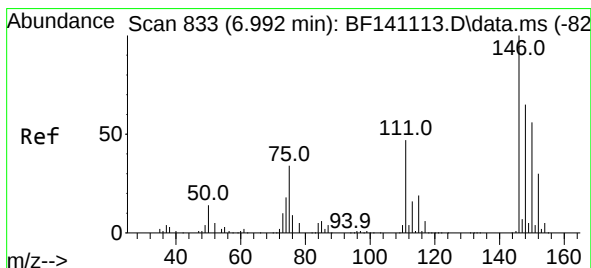
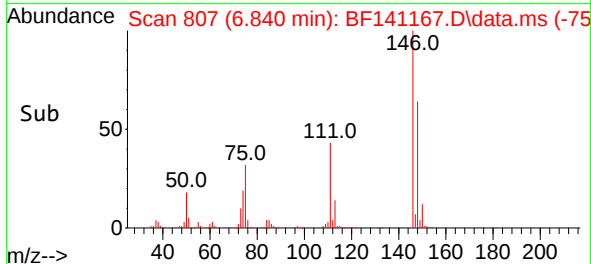
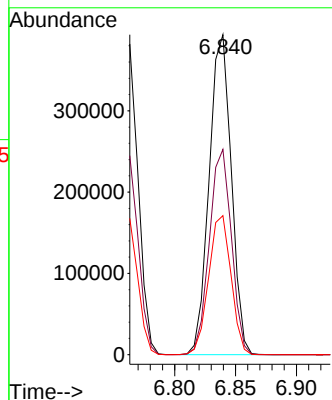
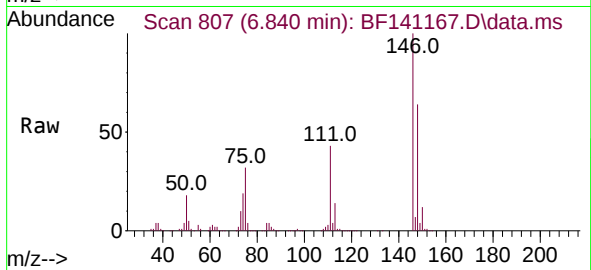




#13
1,4-Dichlorobenzene
Concen: 49.785 ng
RT: 6.840 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

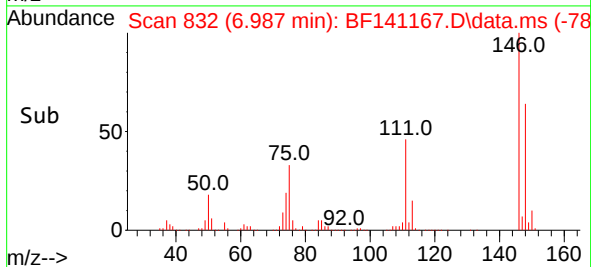
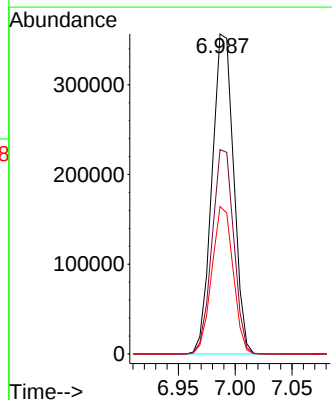
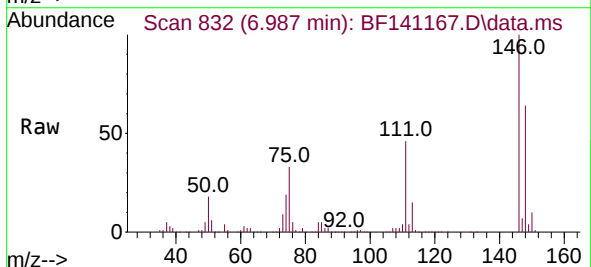
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion:146 Resp: 498856
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.5 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 50.528 ng
RT: 6.987 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:146 Resp: 472284
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 46.0 37.5 56.3

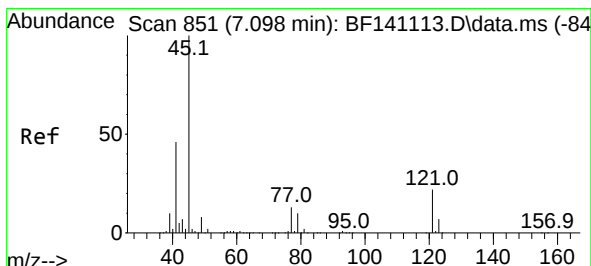
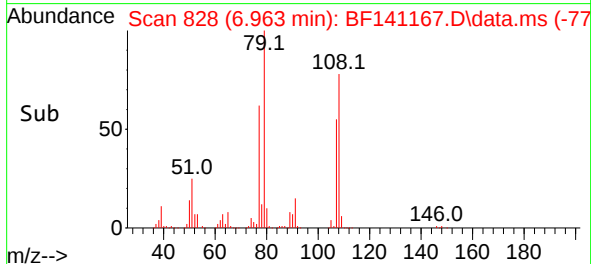
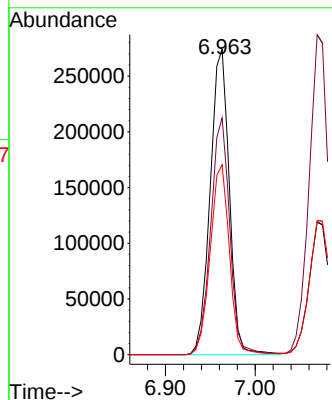
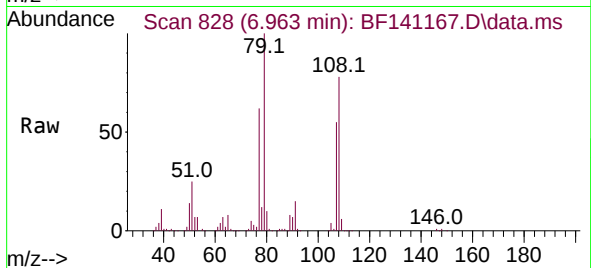




#15
Benzyl Alcohol
Concen: 53.427 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

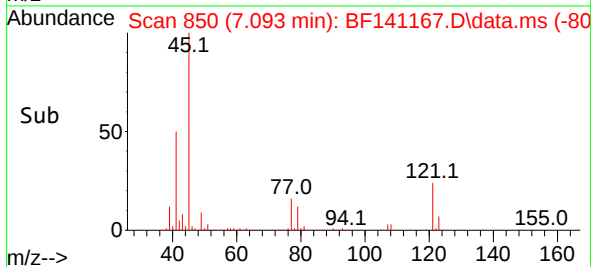
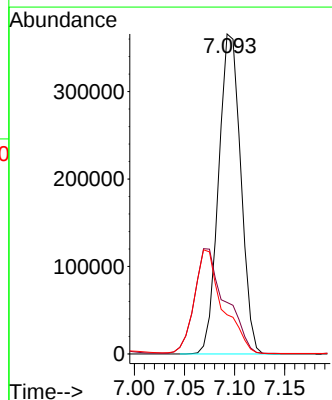
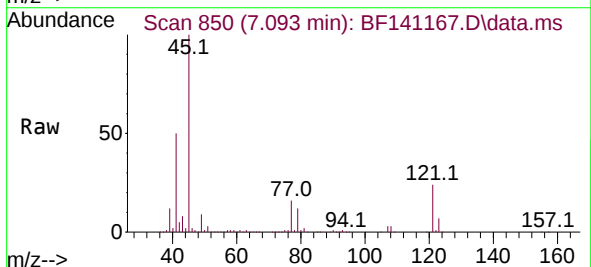
Instrument :
BNA_F
ClientSampleId :
PB166008BS

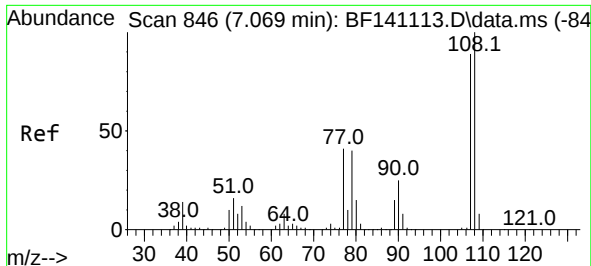
Tgt Ion: 79 Resp: 406142
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 62.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.982 ng
RT: 7.093 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion: 45 Resp: 562263
Ion Ratio Lower Upper
45 100
77 16.1 0.0 34.1
79 12.3 0.0 31.0

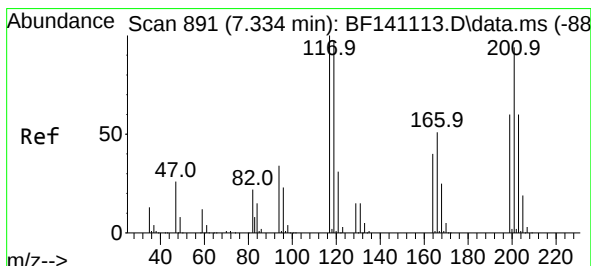
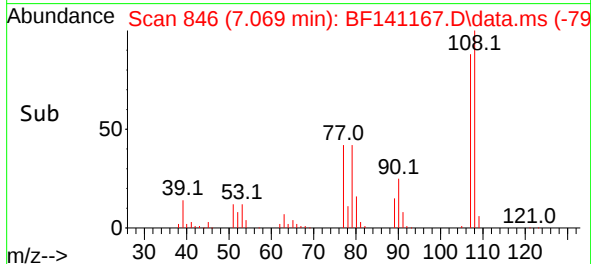
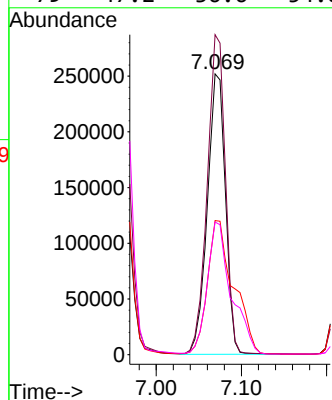
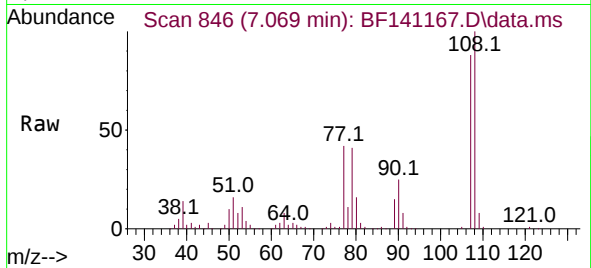




#17
2-Methylphenol
Concen: 51.732 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

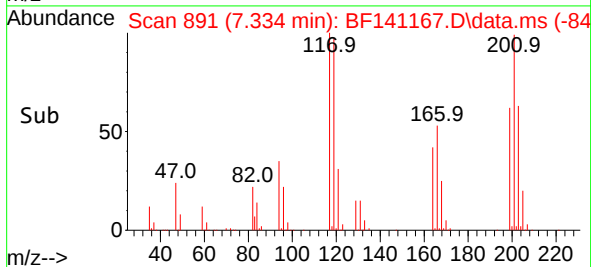
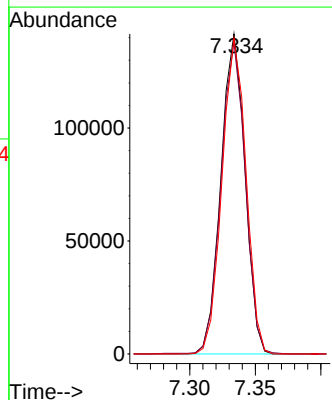
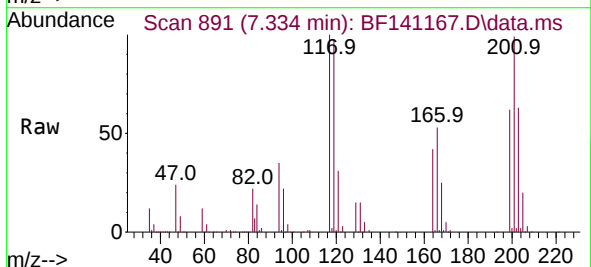
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion:107 Resp: 372360
Ion Ratio Lower Upper
107 100
108 114.0 90.1 135.1
77 47.8 36.6 55.0
79 47.2 36.6 54.8



#18
Hexachloroethane
Concen: 49.850 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:117 Resp: 180637
Ion Ratio Lower Upper
117 100
119 97.4 77.6 116.4
201 98.6 75.1 112.7

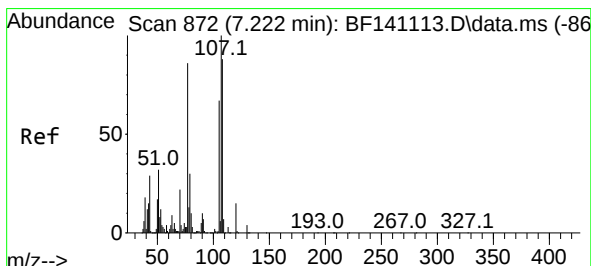
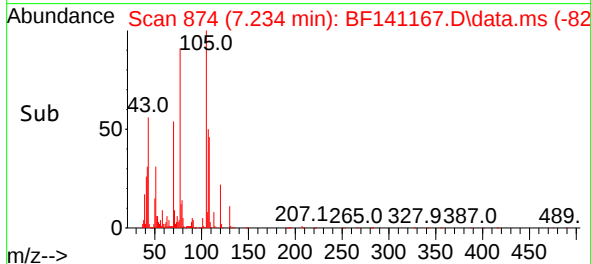
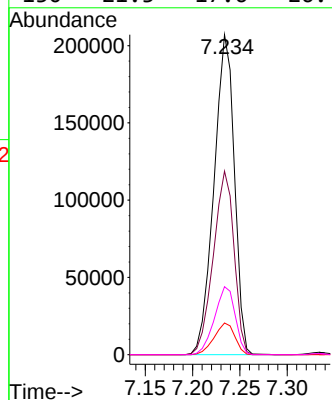
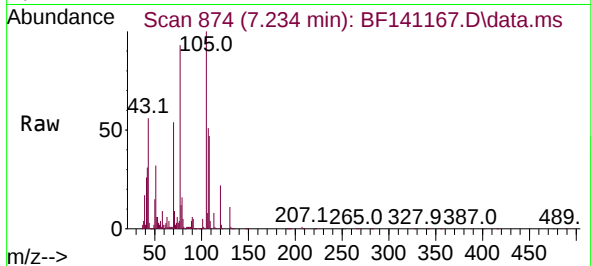




#19
n-Nitroso-di-n-propylamine
Concen: 50.009 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

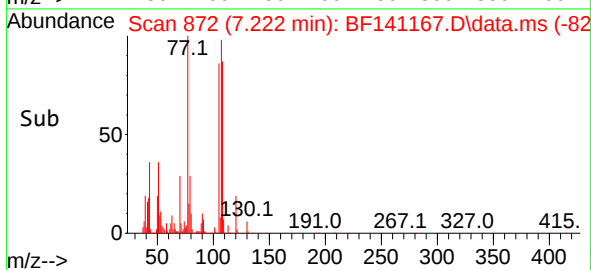
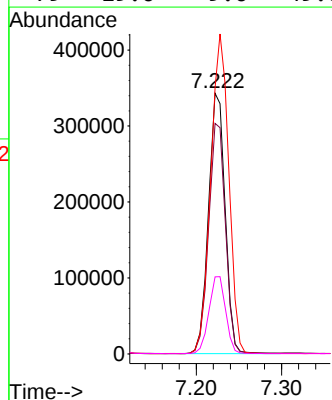
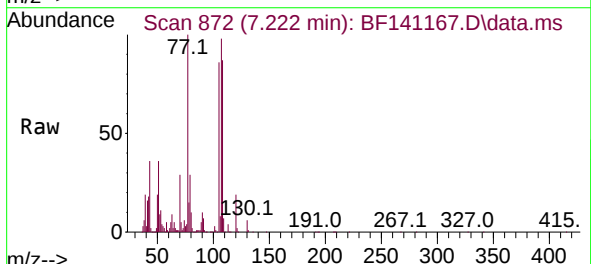
Instrument :
BNA_F
ClientSampleId :
PB166008BS

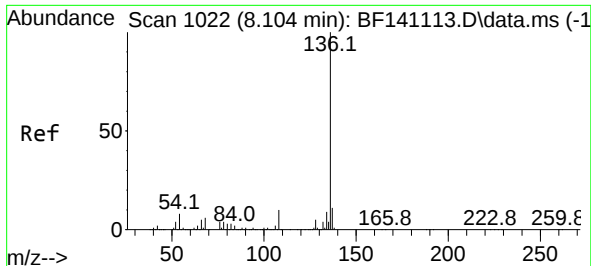
Tgt Ion: 70 Resp: 310093
Ion Ratio Lower Upper
70 100
42 57.4 47.8 71.6
101 9.9 7.9 11.9
130 21.3 17.6 26.4



#20
3+4-Methylphenols
Concen: 51.153 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion: 107 Resp: 464514
Ion Ratio Lower Upper
107 100
108 88.4 68.3 108.3
77 102.1 66.4 106.4
79 29.6 9.6 49.6

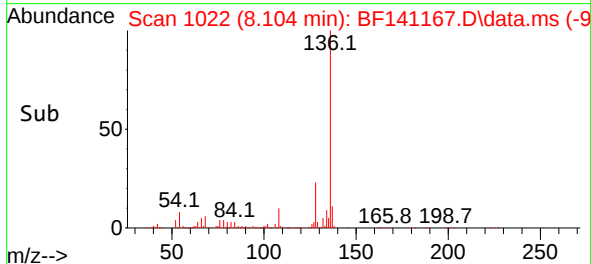
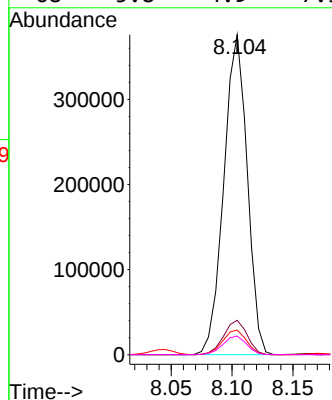
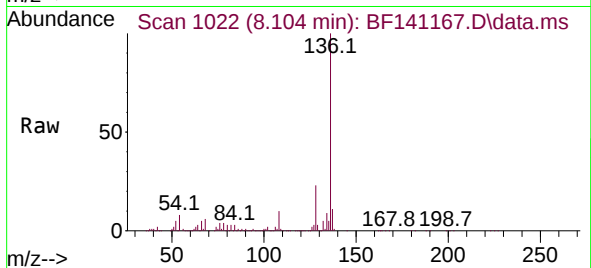




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

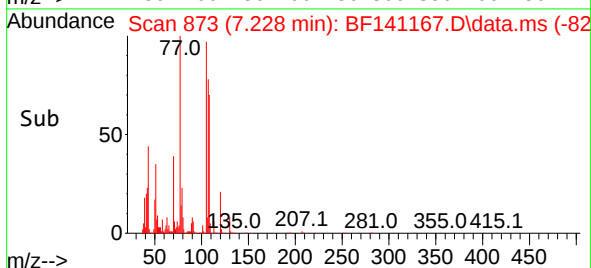
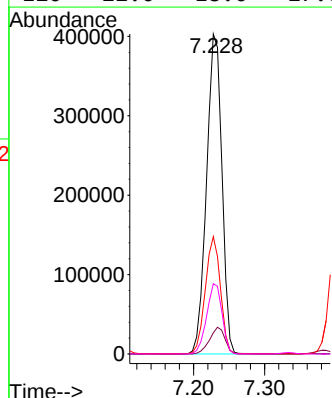
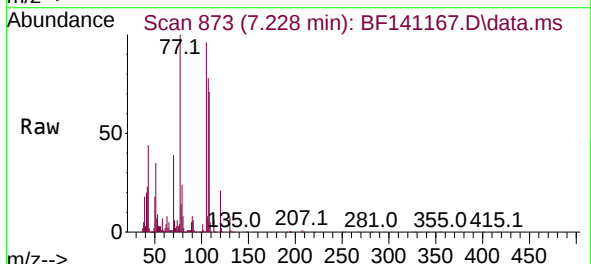
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion:	136	Resp:	503608
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	7.7	6.3	9.5
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 50.827 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:	105	Resp:	608505
Ion Ratio	Lower	Upper	
105	100		
71	6.6	7.1	10.7#
51	36.6	25.4	38.2
120	22.0	18.0	27.0





#23

Nitrobenzene-d5

Concen: 98.643 ng

RT: 7.387 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

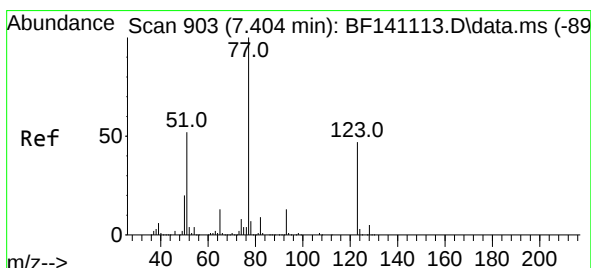
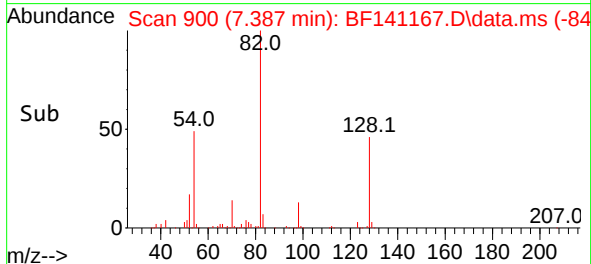
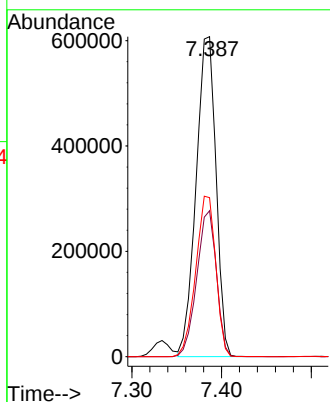
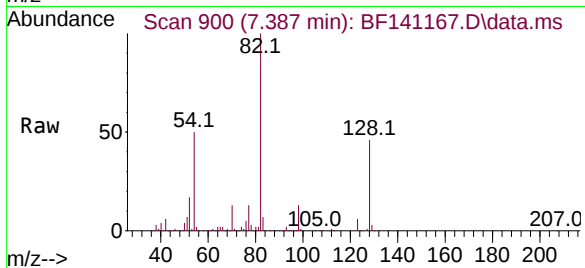
Tgt Ion: 82 Resp: 937164

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

54 49.7 41.0 61.4



#24

Nitrobenzene

Concen: 48.705 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

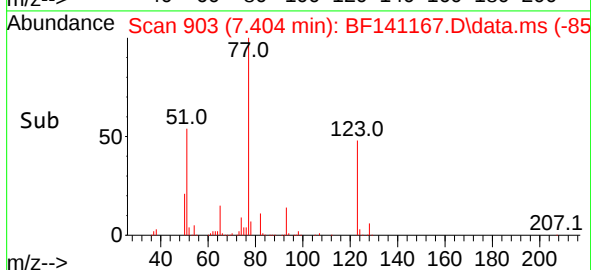
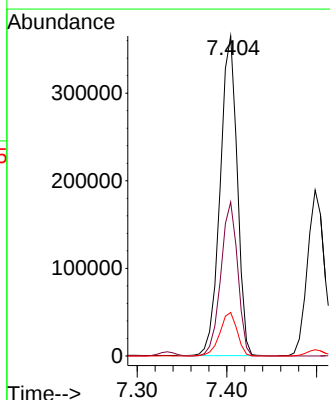
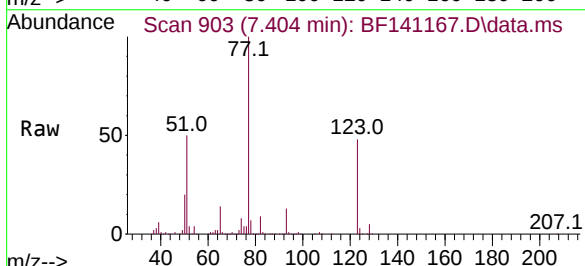
Tgt Ion: 77 Resp: 482258

Ion Ratio Lower Upper

77 100

123 48.1 37.7 56.5

65 13.6 10.6 16.0

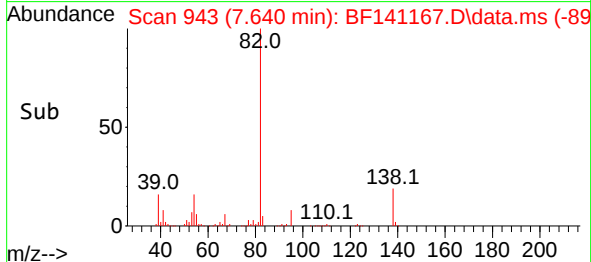
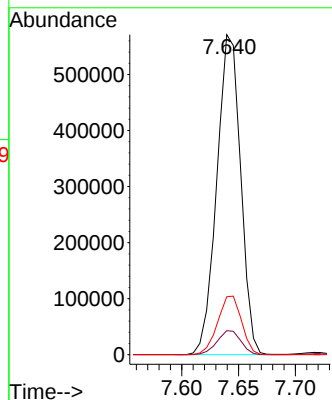
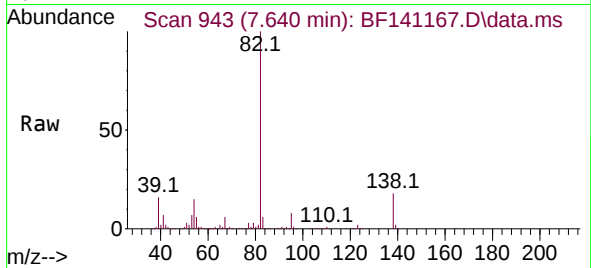




#25
Isophorone
Concen: 51.336 ng
RT: 7.640 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

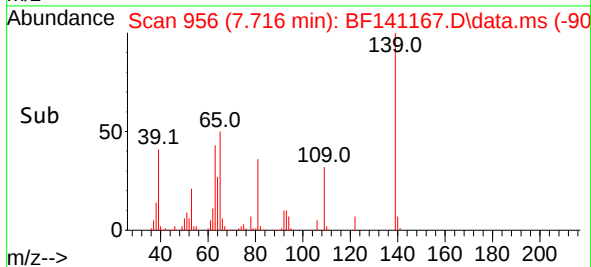
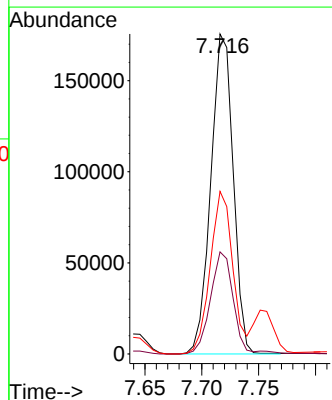
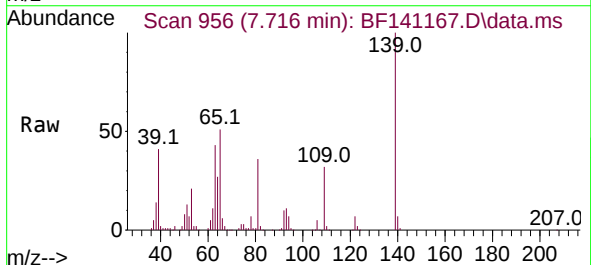
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion: 82 Resp: 833493
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.1 14.2 21.2



#26
2-Nitrophenol
Concen: 53.436 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:139 Resp: 240678
Ion Ratio Lower Upper
139 100
109 31.9 23.8 35.6
65 50.8 38.5 57.7

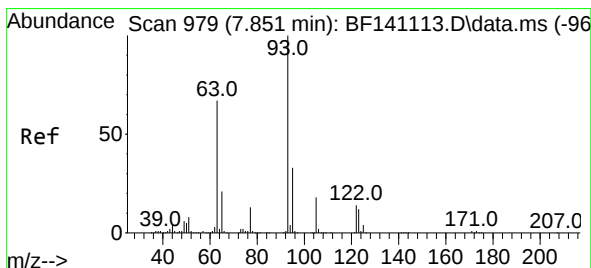
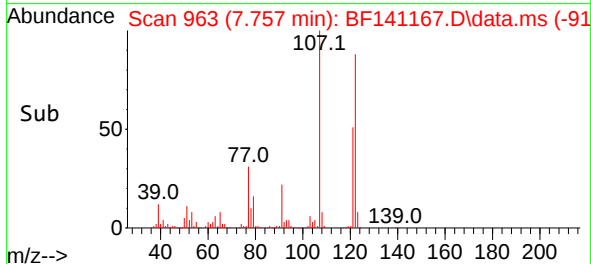
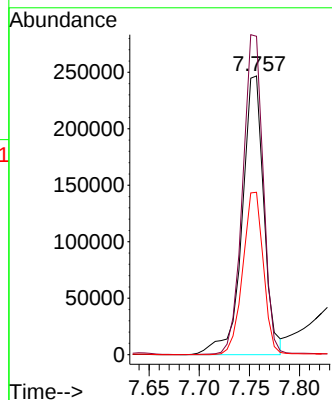
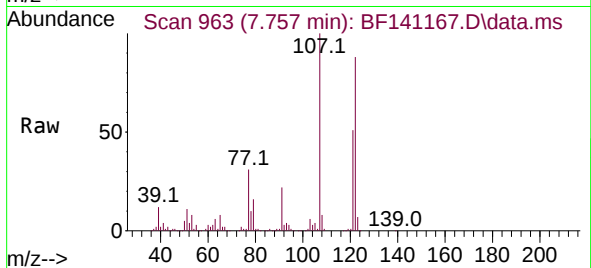




#27
2,4-Dimethylphenol
Concen: 61.404 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

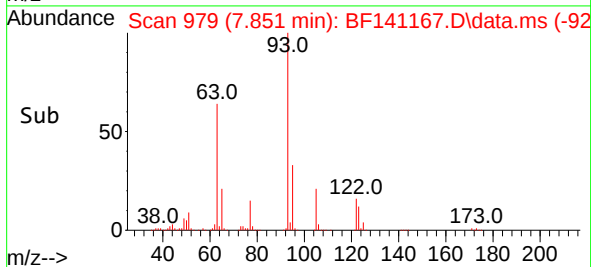
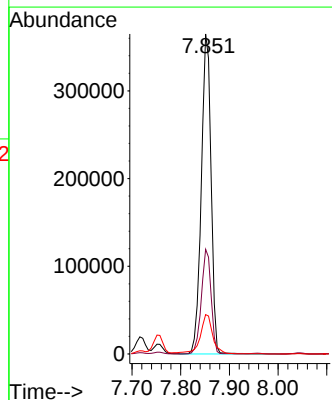
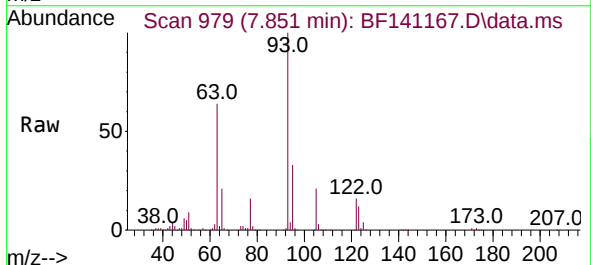
Instrument :
BNA_F
ClientSampleId :
PB166008BS

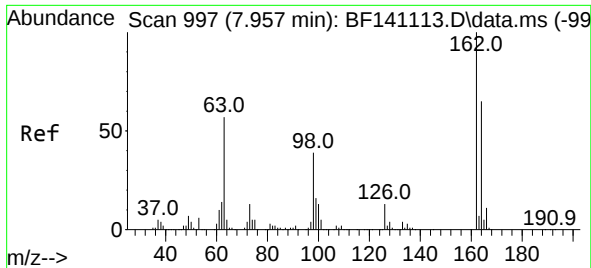
Tgt Ion:122 Resp: 373051
Ion Ratio Lower Upper
122 100
107 114.3 90.3 135.5
121 58.3 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 49.891 ng
RT: 7.851 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion: 93 Resp: 508360
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 12.3 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 52.801 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

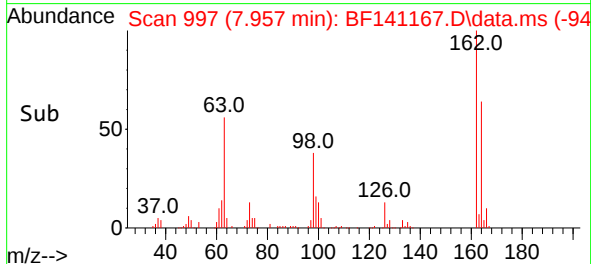
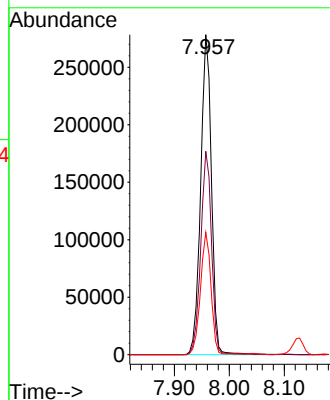
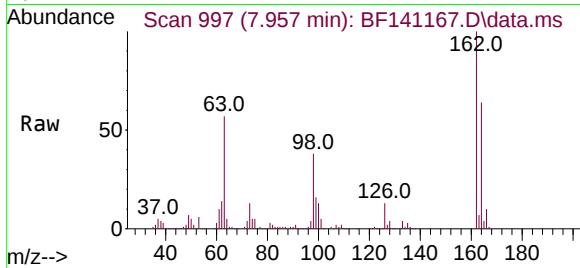
Tgt Ion:162 Resp: 380982

Ion Ratio Lower Upper

162 100

164 63.5 44.5 84.5

98 38.2 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 48.352 ng

RT: 8.045 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

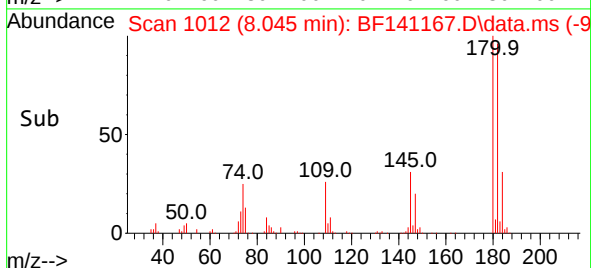
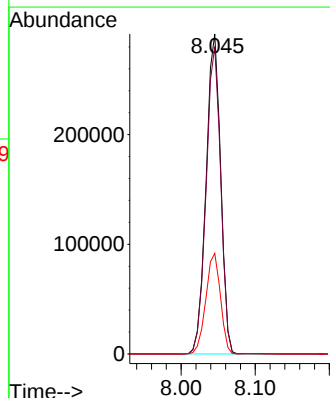
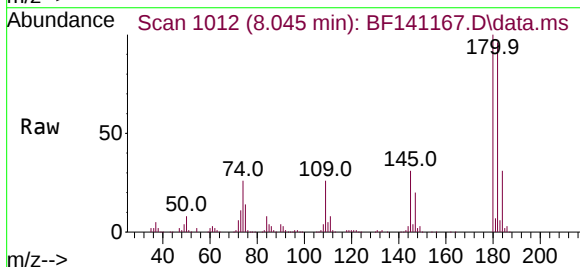
Tgt Ion:180 Resp: 398785

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

145 31.5 25.3 37.9

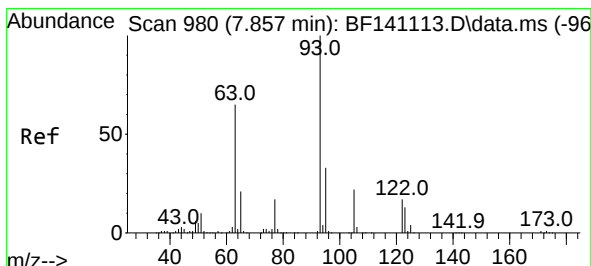
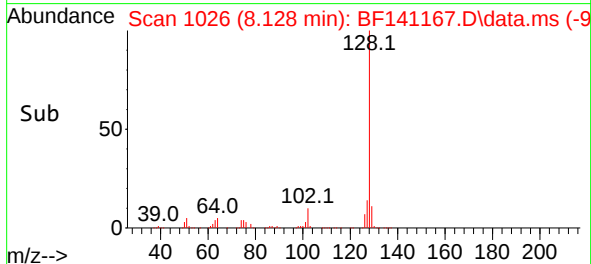
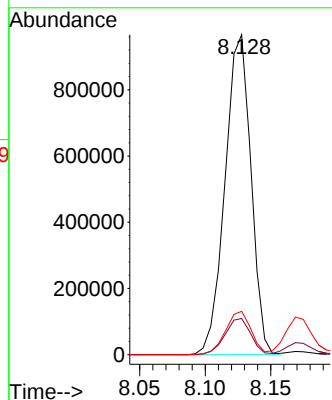
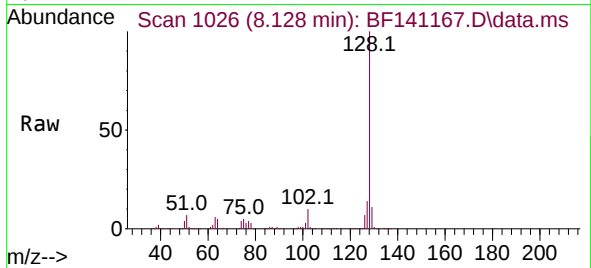




#31
Naphthalene
Concen: 50.066 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

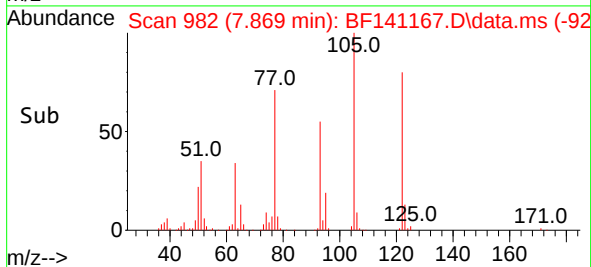
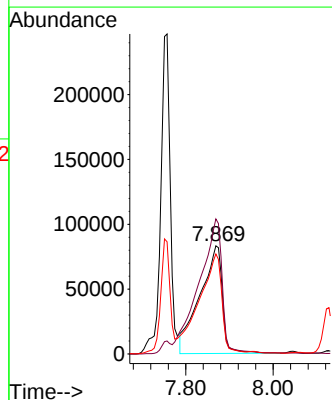
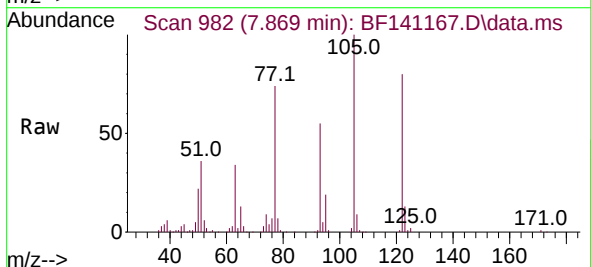
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion:128 Resp: 1329653
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 51.200 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:122 Resp: 298388
Ion Ratio Lower Upper
122 100
105 124.9 105.5 145.5
77 92.4 75.1 115.1





#33

4-Chloroaniline

Concen: 19.081 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

Tgt Ion:127 Resp: 175259

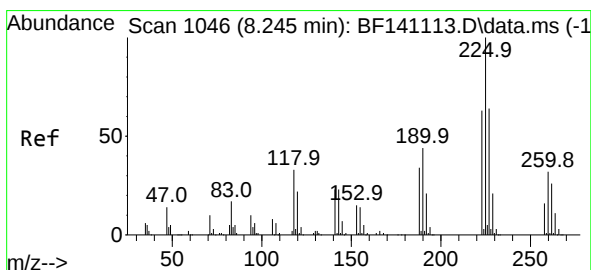
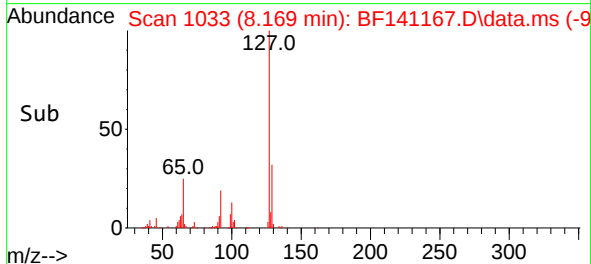
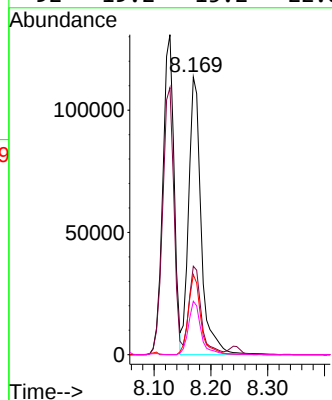
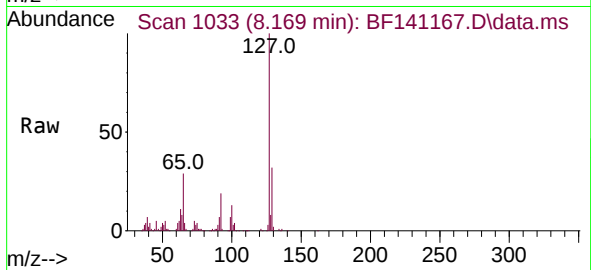
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 28.8 23.8 35.8

92 19.2 15.2 22.8



#34

Hexachlorobutadiene

Concen: 49.225 ng

RT: 8.245 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

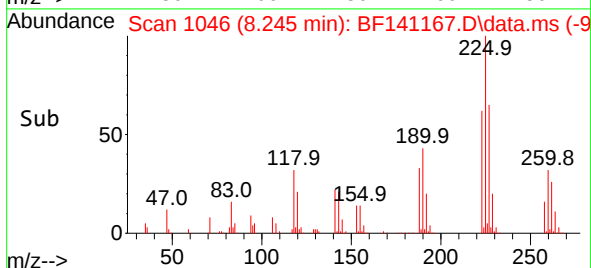
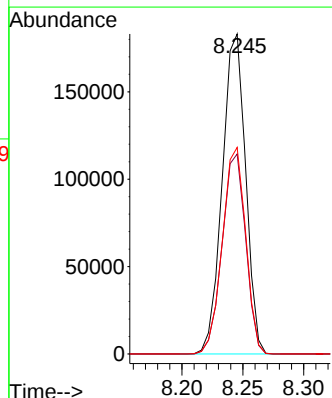
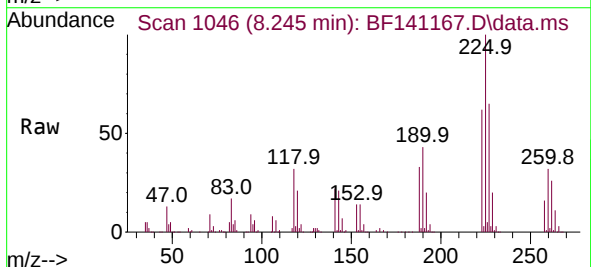
Tgt Ion:225 Resp: 244631

Ion Ratio Lower Upper

225 100

223 62.5 50.6 76.0

227 64.6 51.6 77.4

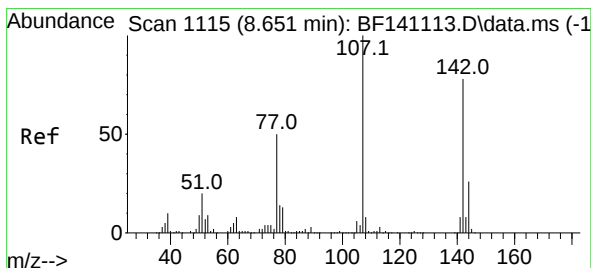
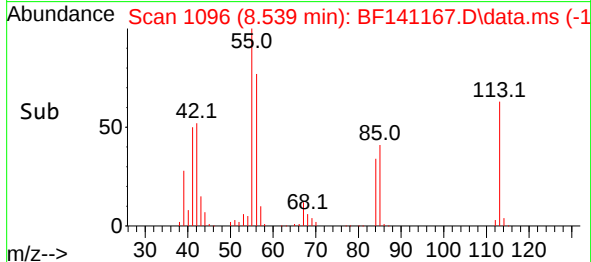
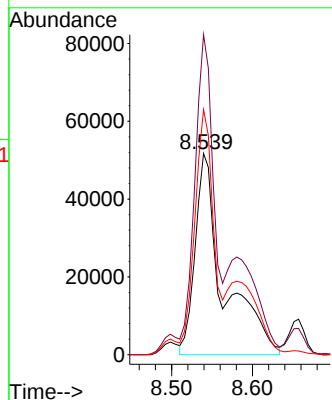
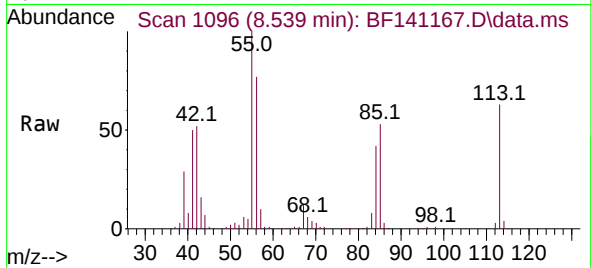




#35
 Caprolactam
 Concen: 53.272 ng m
 RT: 8.539 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF141167.D
 Acq: 15 Jan 2025 11:19

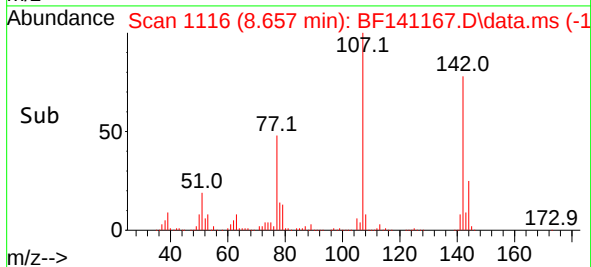
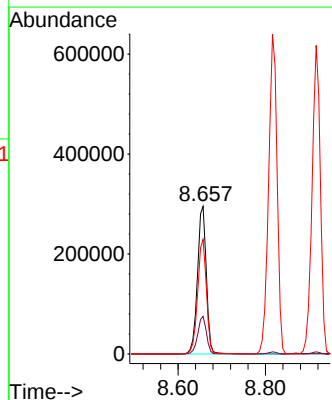
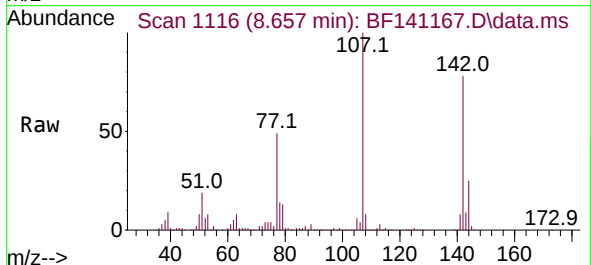
Instrument :
 BNA_F
 ClientSampleId :
 PB166008BS

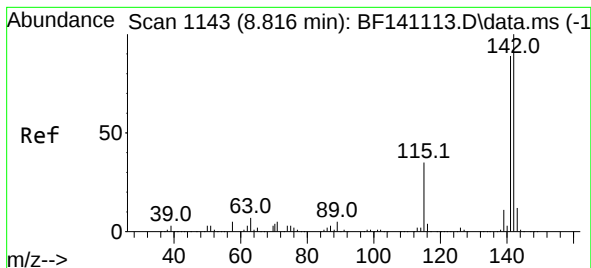
Tgt Ion:113 Resp: 125844
 Ion Ratio Lower Upper
 113 100
 55 159.0 139.7 179.7
 56 121.8 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 52.970 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141167.D
 Acq: 15 Jan 2025 11:19

Tgt Ion:107 Resp: 418000
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.4 30.6
 142 77.7 62.2 93.2





#37

2-Methylnaphthalene

Concen: 50.863 ng

RT: 8.816 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

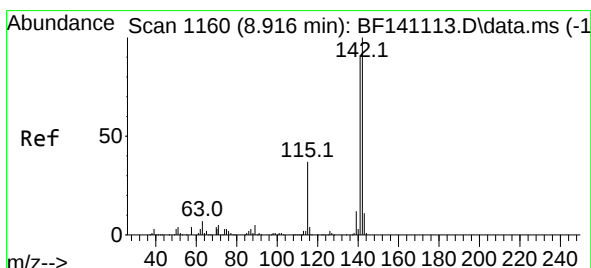
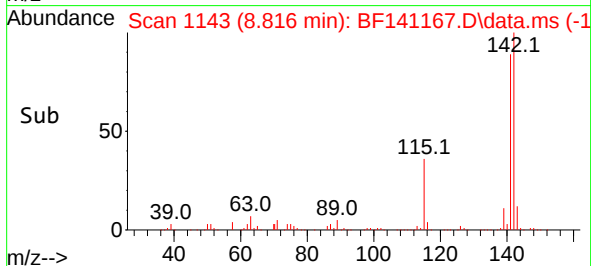
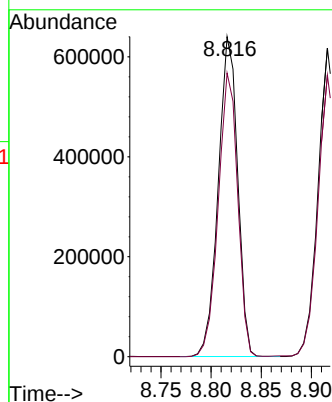
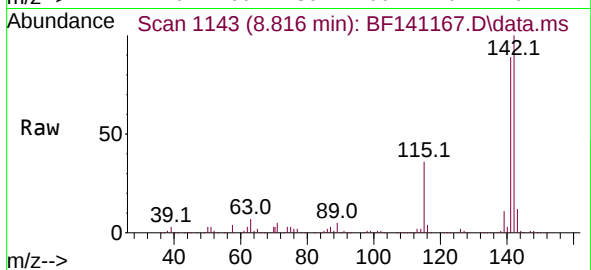
PB166008BS

Tgt Ion:142 Resp: 860798

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9



#38

1-Methylnaphthalene

Concen: 48.561 ng

RT: 8.916 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF141167.D

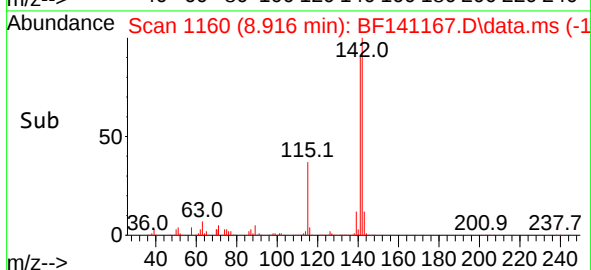
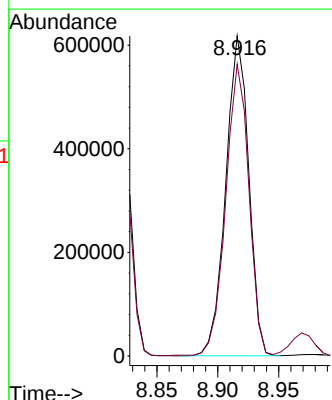
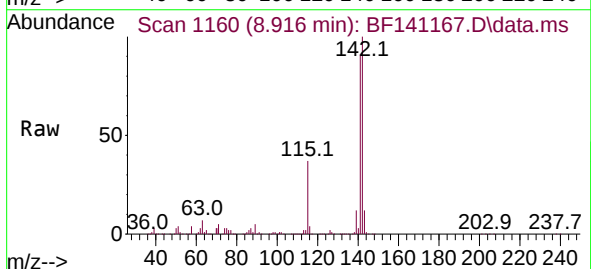
Acq: 15 Jan 2025 11:19

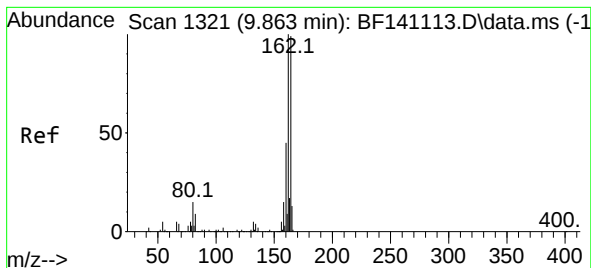
Tgt Ion:142 Resp: 809950

Ion Ratio Lower Upper

142 100

141 91.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

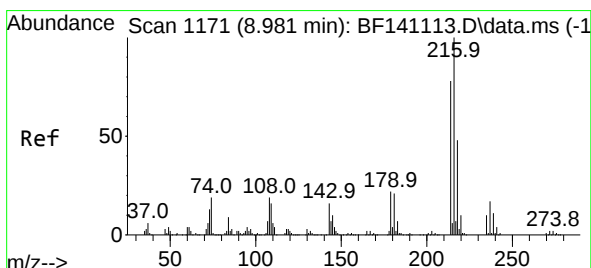
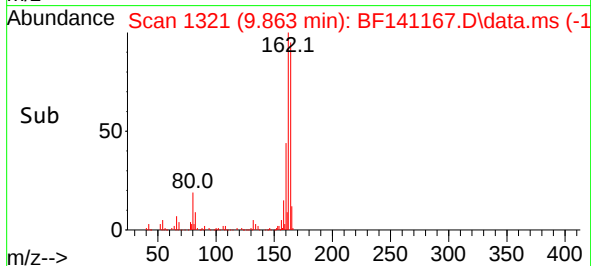
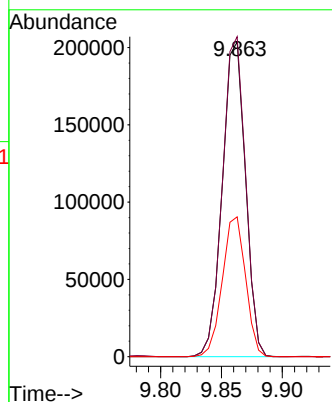
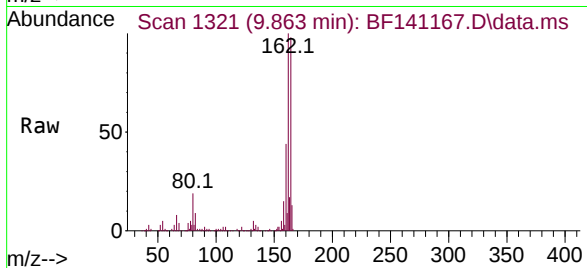
Tgt Ion:164 Resp: 270144

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 44.5 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.164 ng

RT: 8.981 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Tgt Ion:216 Resp: 388958

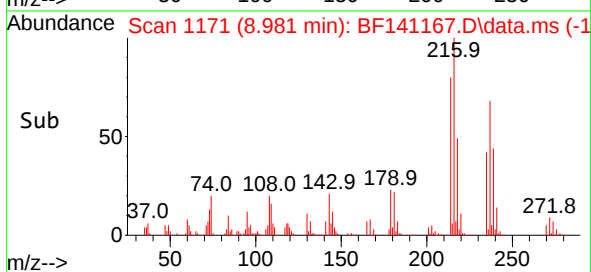
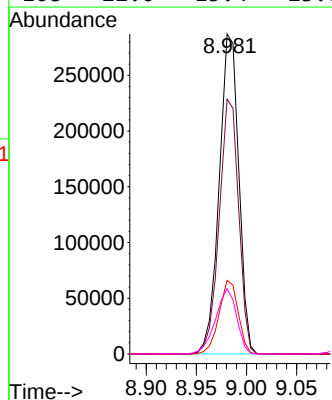
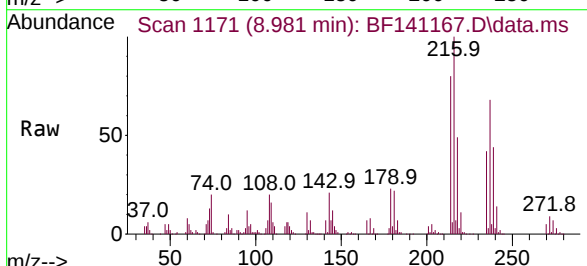
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 22.5 17.7 26.5

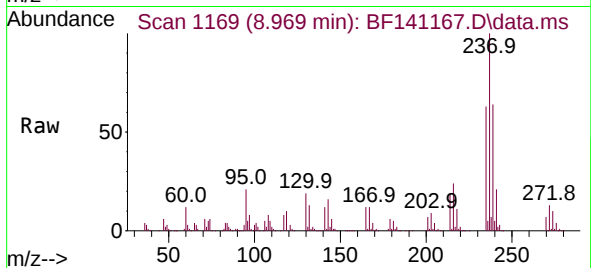
108 22.0 15.4 23.0



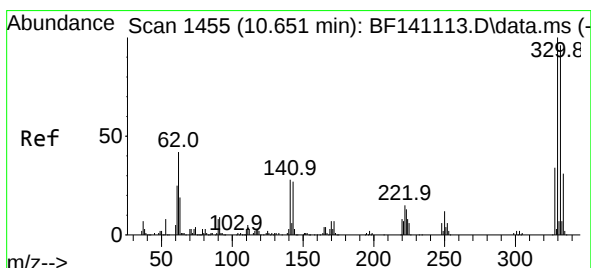
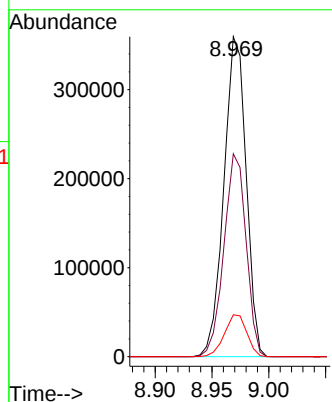
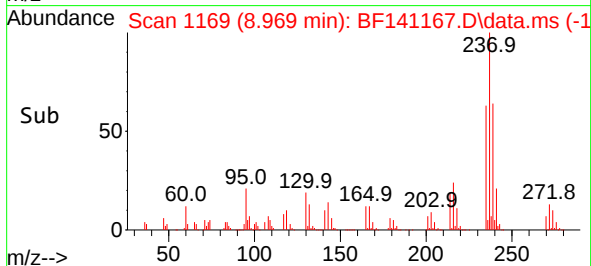


#41
Hexachlorocyclopentadiene
Concen: 193.186 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

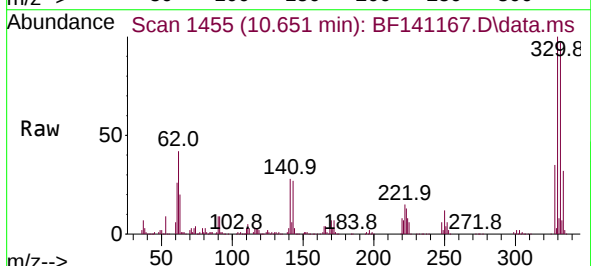
Instrument :
BNA_F
ClientSampleId :
PB166008BS



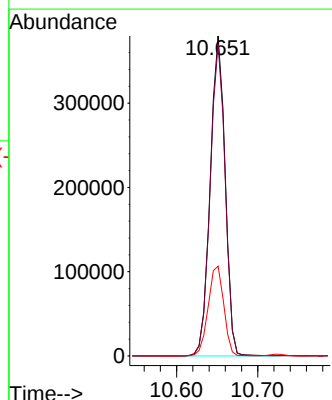
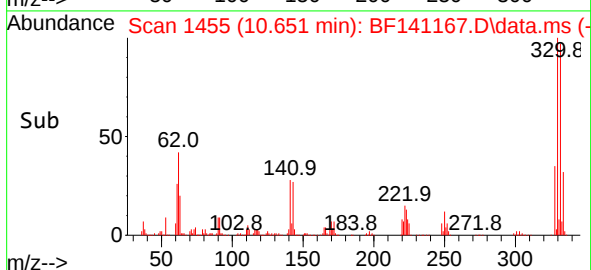
Tgt Ion:237 Resp: 490062
Ion Ratio Lower Upper
237 100
235 63.4 43.0 83.0
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 157.481 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19



Tgt Ion:330 Resp: 484743
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 29.4 25.2 37.8

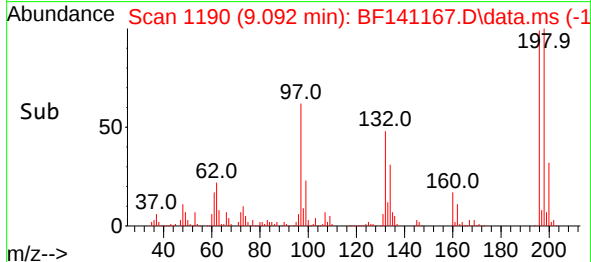
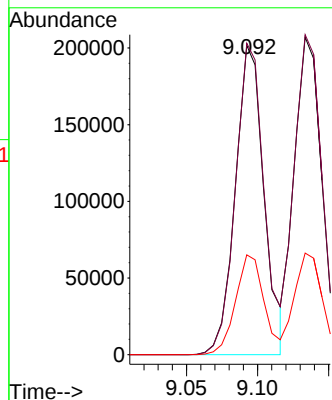
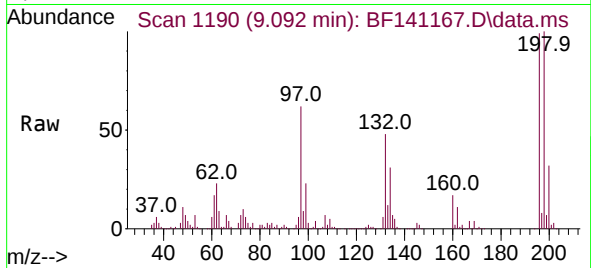




#43
2,4,6-Trichlorophenol
Concen: 54.078 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

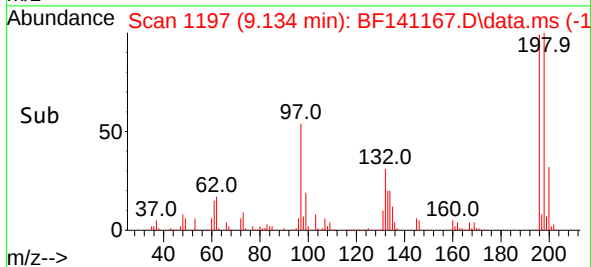
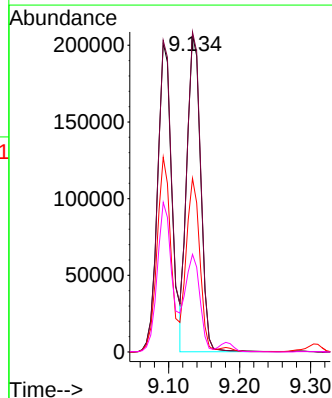
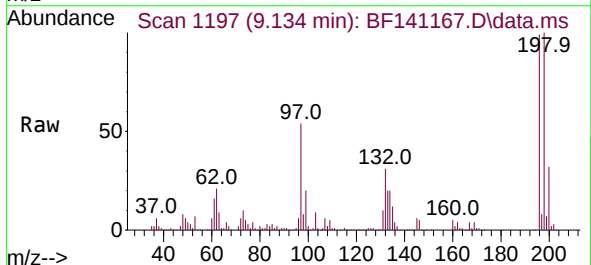
Instrument :
BNA_F
ClientSampleId :
PB166008BS

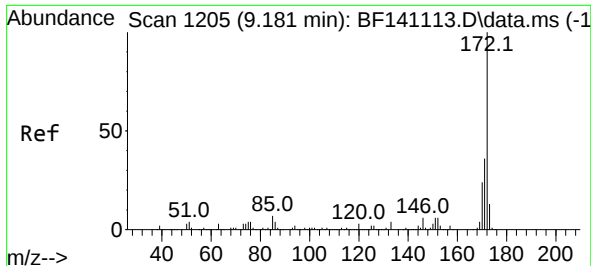
Tgt Ion:196 Resp: 282793
Ion Ratio Lower Upper
196 100
198 100.8 80.8 121.2
200 32.3 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 50.399 ng
RT: 9.134 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:196 Resp: 278346
Ion Ratio Lower Upper
196 100
198 100.8 80.6 120.8
97 54.7 43.1 64.7
132 30.7 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 96.995 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

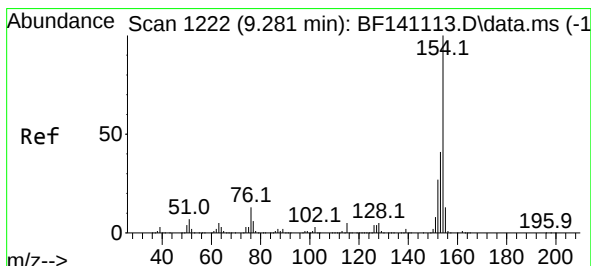
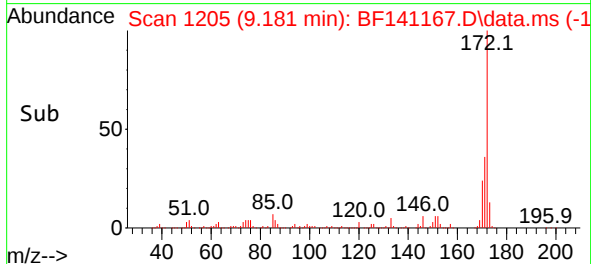
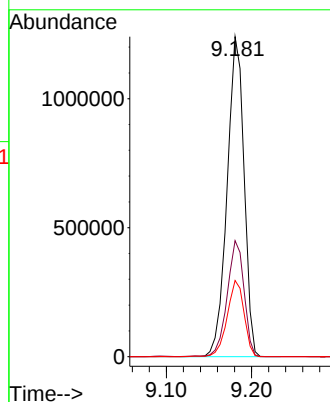
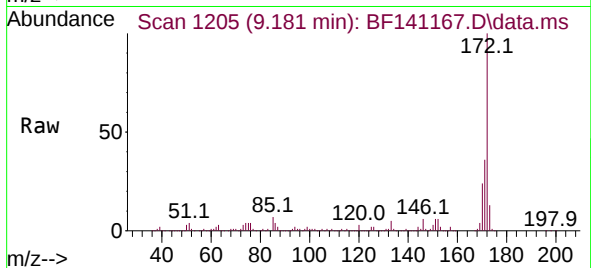
Tgt Ion:172 Resp: 1715899

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 50.357 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

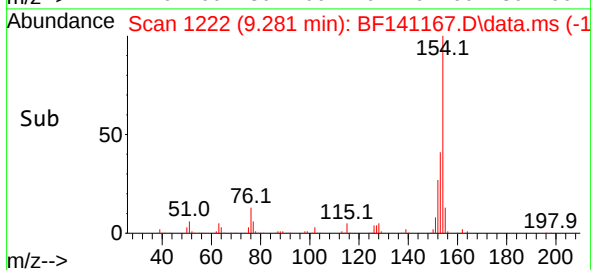
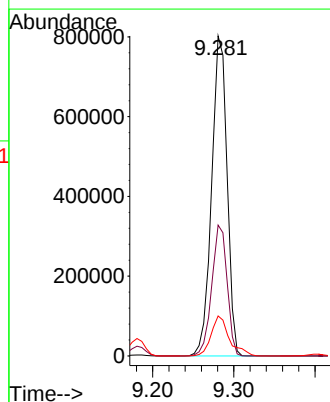
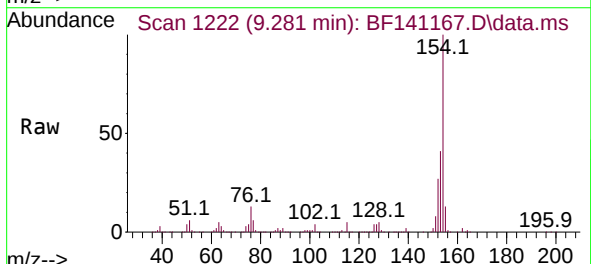
Tgt Ion:154 Resp: 1056455

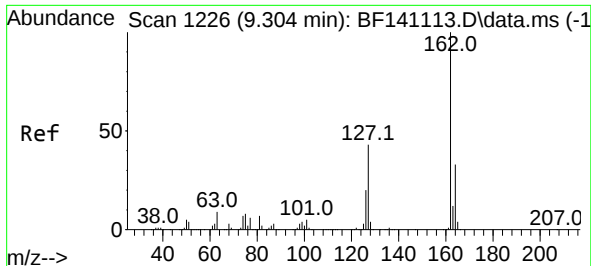
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 12.5 0.0 33.1

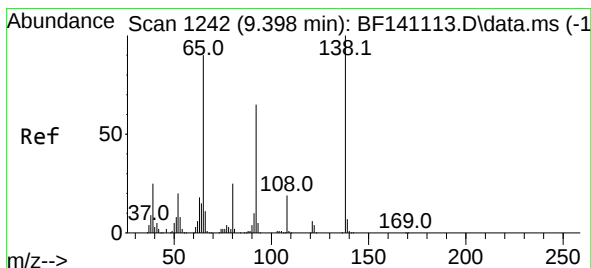
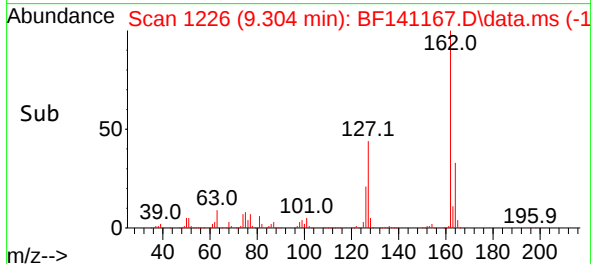
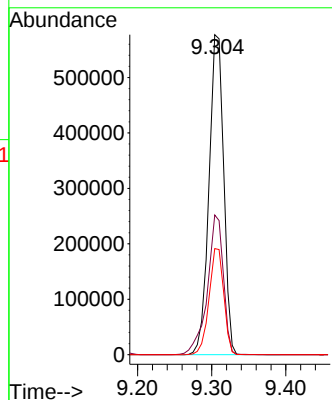
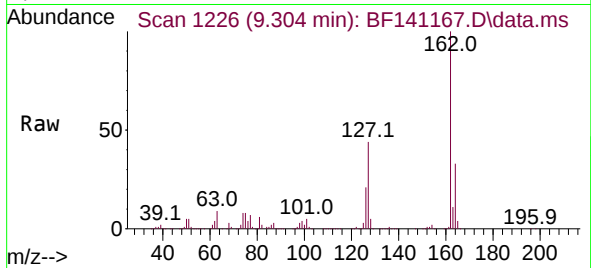




#47
2-Chloronaphthalene
Concen: 48.739 ng
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

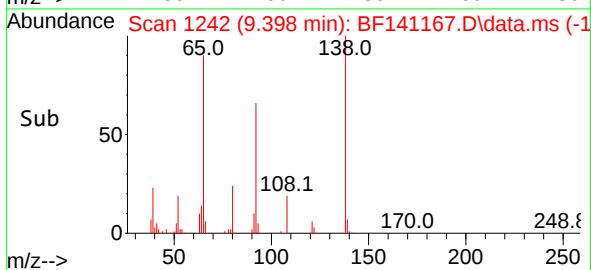
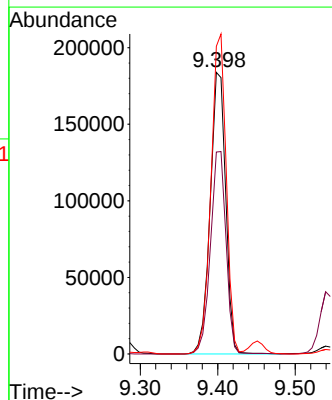
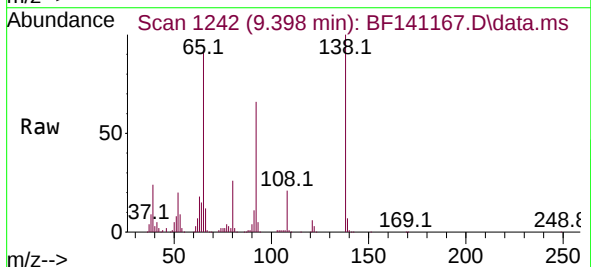
Instrument :
BNA_F
ClientSampleId :
PB166008BS

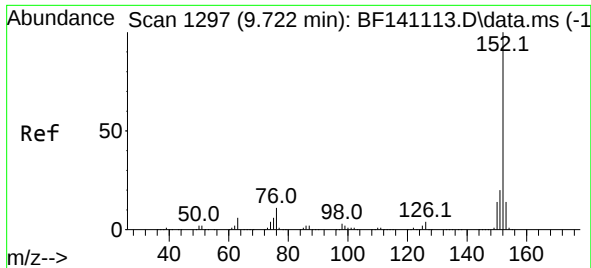
Tgt Ion:162 Resp: 796401
Ion Ratio Lower Upper
162 100
127 43.7 34.6 51.8
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 53.002 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

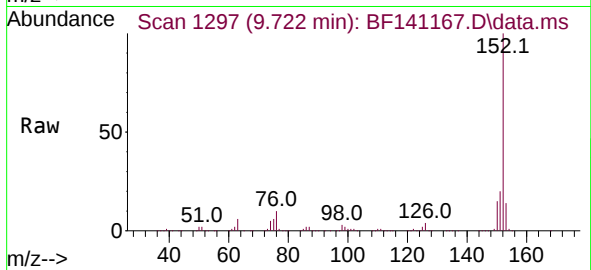
Tgt Ion: 65 Resp: 256733
Ion Ratio Lower Upper
65 100
92 71.7 58.3 87.5
138 109.2 89.1 133.7



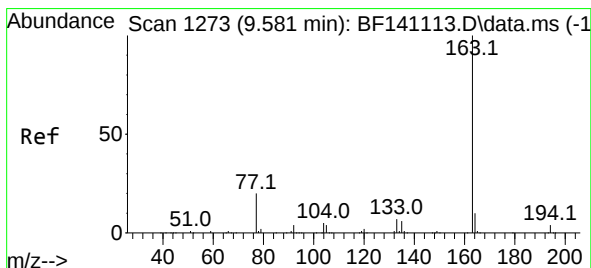
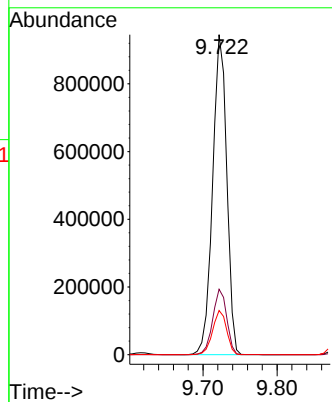
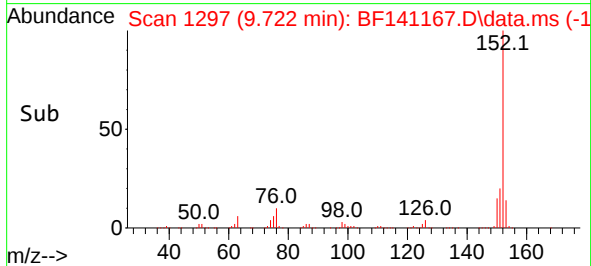


#49
Acenaphthylene
Concen: 53.554 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

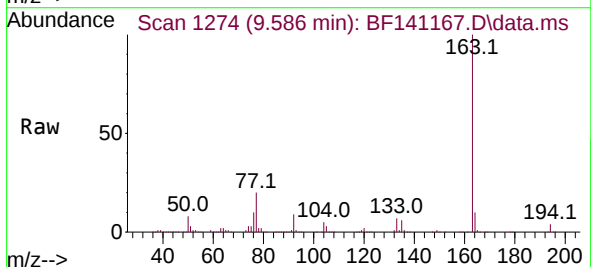
Instrument :
BNA_F
ClientSampleId :
PB166008BS



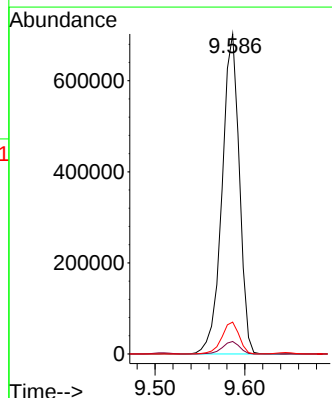
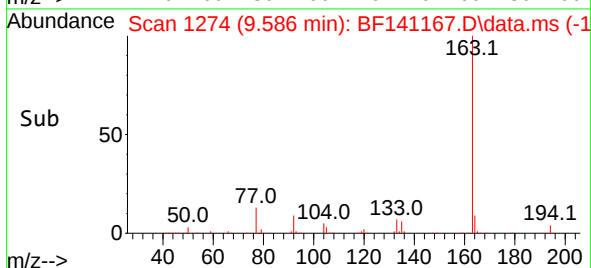
Tgt Ion:152 Resp: 1250235
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.8 11.1 16.7



#50
Dimethylphthalate
Concen: 51.743 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19



Tgt Ion:163 Resp: 938397
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.2 12.4

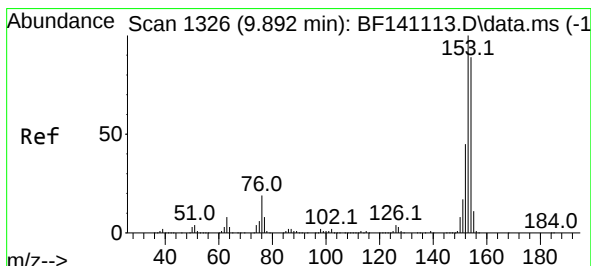
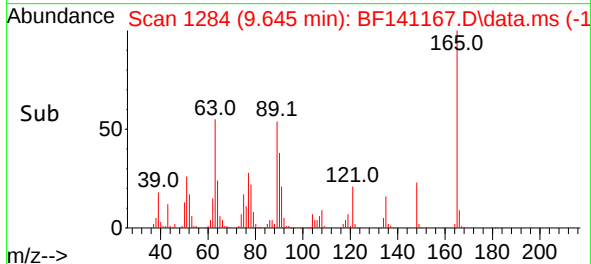
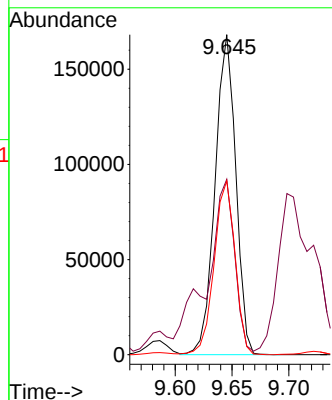
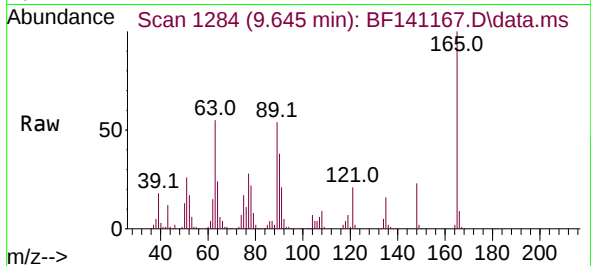




#51
2,6-Dinitrotoluene
Concen: 50.606 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

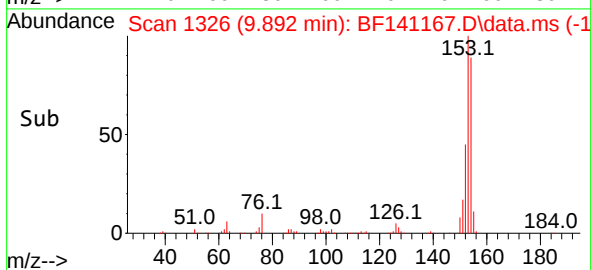
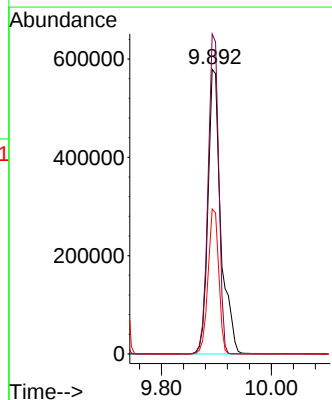
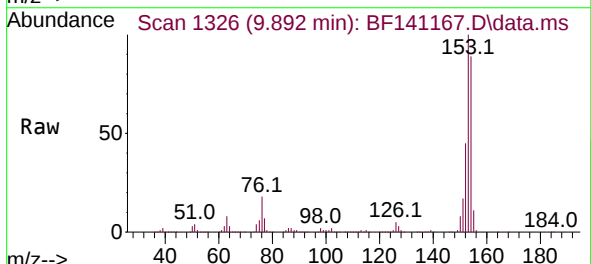
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion:165 Resp: 213427
Ion Ratio Lower Upper
165 100
63 54.8 42.3 63.5
89 54.4 43.1 64.7



#52
Acenaphthene
Concen: 57.616 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:154 Resp: 939737
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.6
152 50.9 40.8 61.2

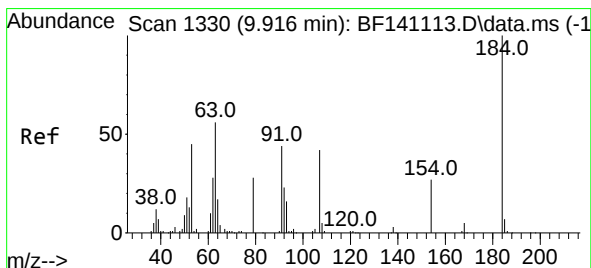
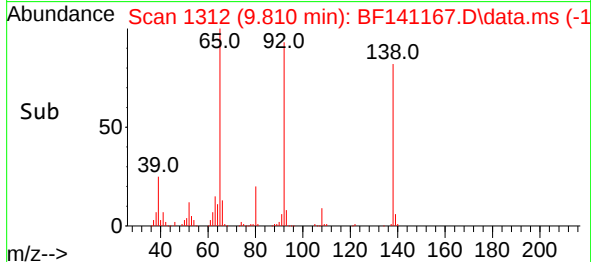
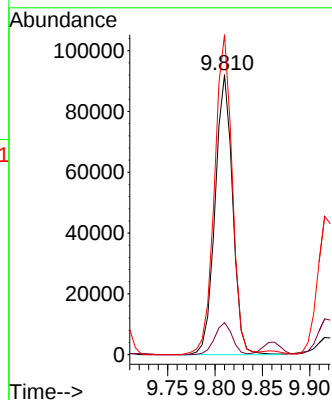
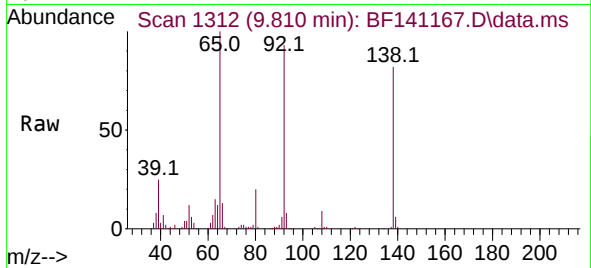




#53
3-Nitroaniline
Concen: 27.653 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

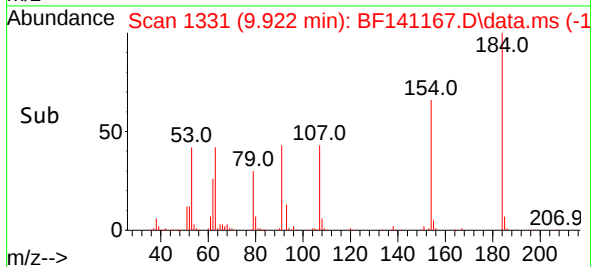
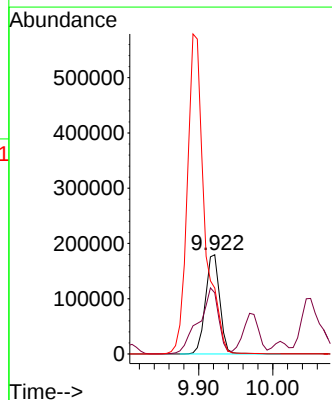
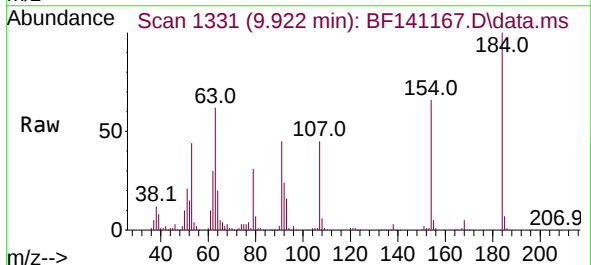
Instrument :
BNA_F
ClientSampleId :
PB166008BS

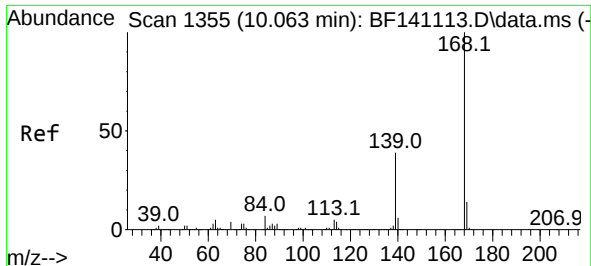
Tgt Ion:138 Resp: 118514
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 114.3 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 121.270 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:184 Resp: 243101
Ion Ratio Lower Upper
184 100
63 61.7 48.7 73.1
154 66.4 57.1 85.7

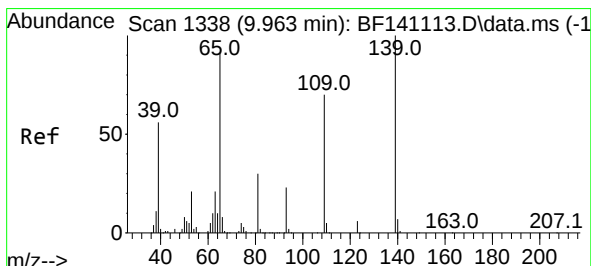
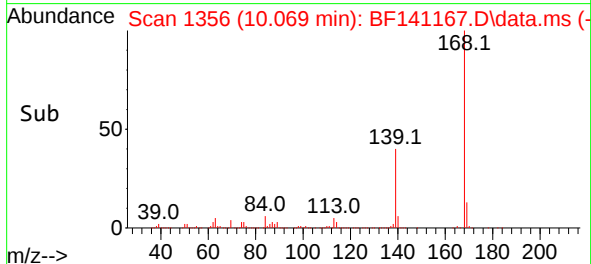
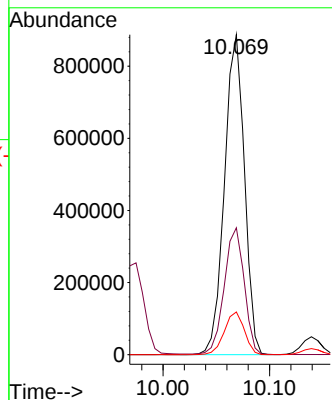
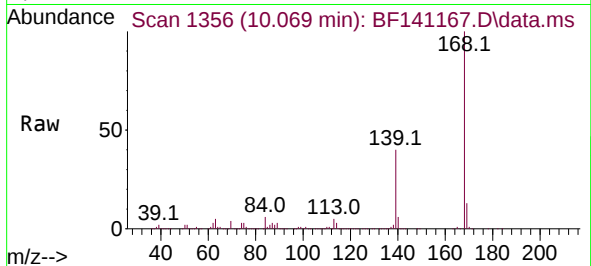




#55
Dibenzenofuran
Concen: 51.909 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

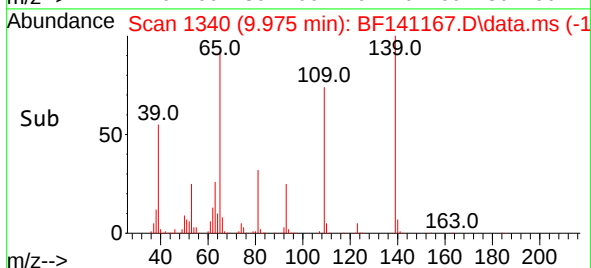
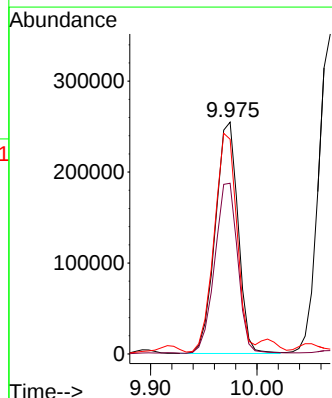
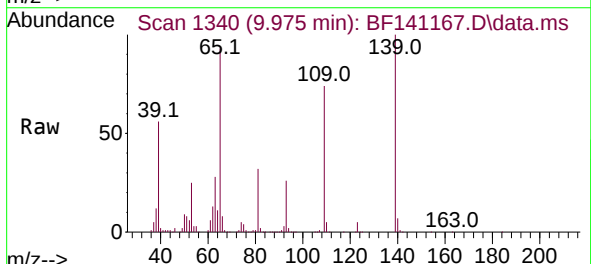
Instrument :
BNA_F
ClientSampleId :
PB166008BS

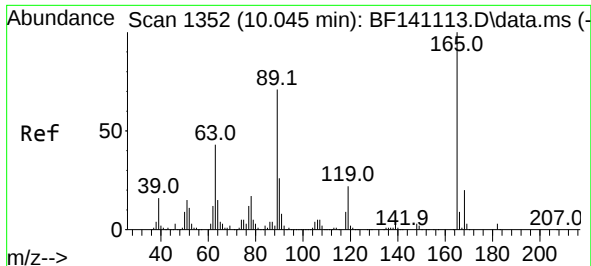
Tgt Ion:168 Resp: 1151614
Ion Ratio Lower Upper
168 100
139 39.6 31.4 47.0
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 112.363 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:139 Resp: 377144
Ion Ratio Lower Upper
139 100
109 73.6 50.2 90.2
65 92.6 72.1 112.1

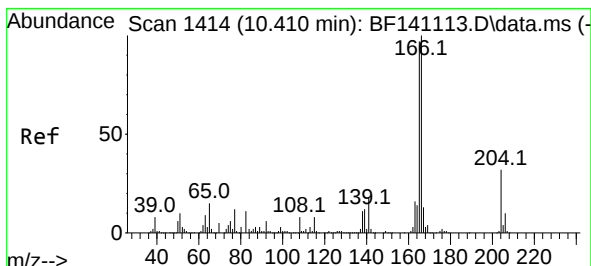
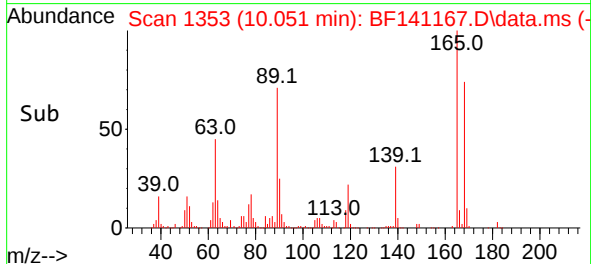
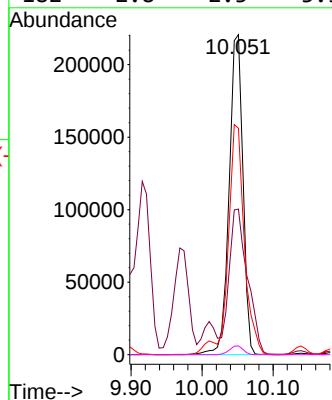
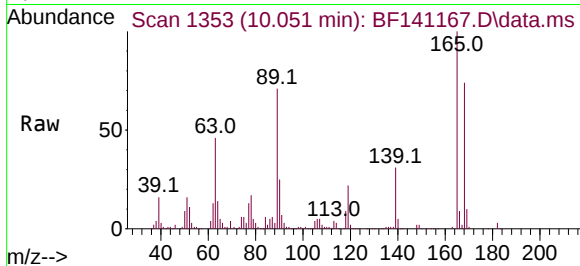




#57
2,4-Dinitrotoluene
Concen: 54.685 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

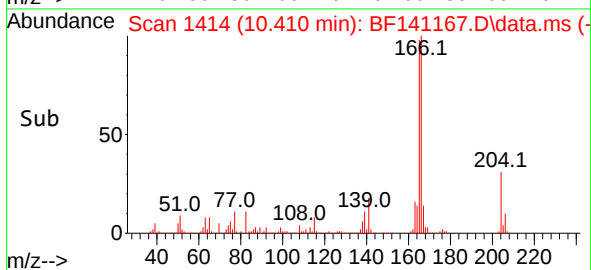
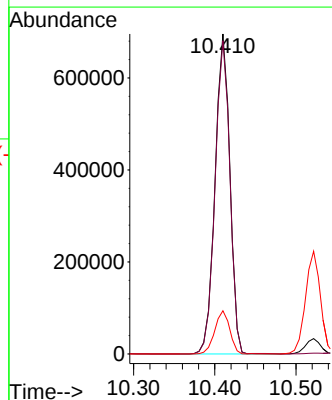
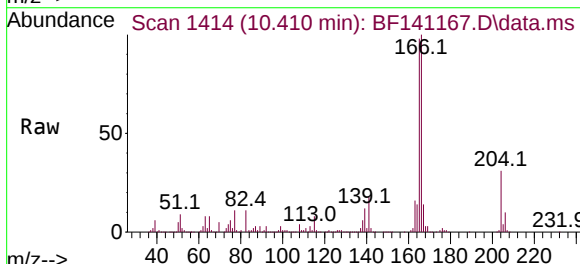
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion:	165	Resp:	297217
Ion	Ratio	Lower	Upper
165	100		
63	45.5	35.0	52.4
89	70.7	56.7	85.1
182	2.8	2.3	3.5



#58
Fluorene
Concen: 51.233 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:	166	Resp:	883041
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	13.5	10.8	16.2

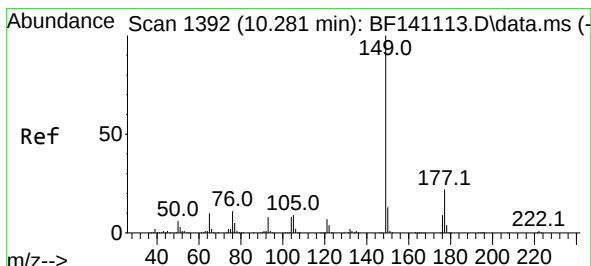
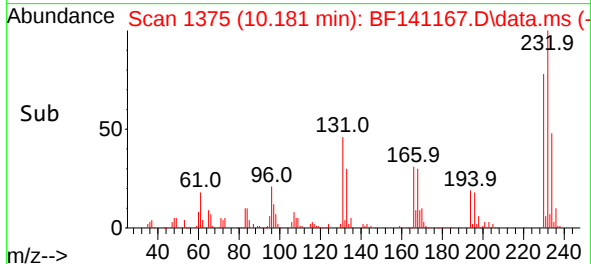
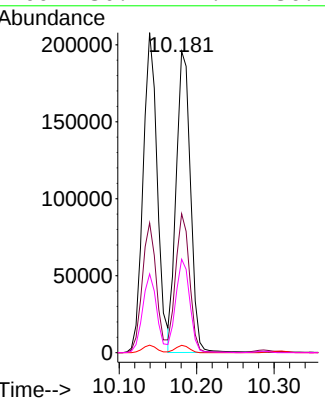
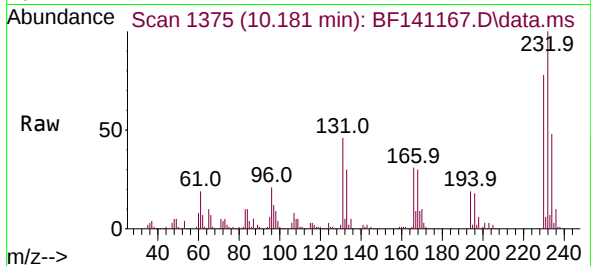




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.560 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

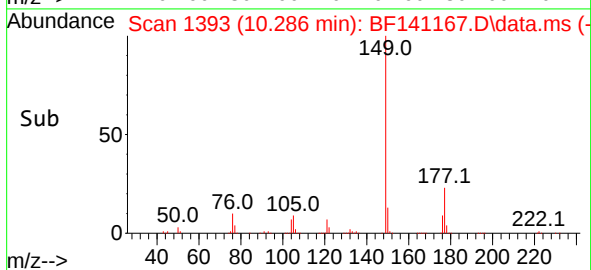
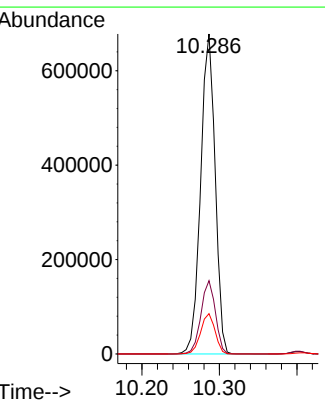
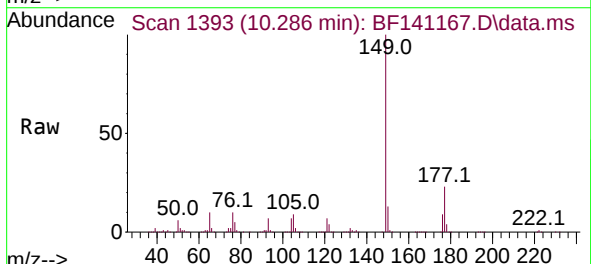
Instrument :
BNA_F
ClientSampleId :
PB166008BS

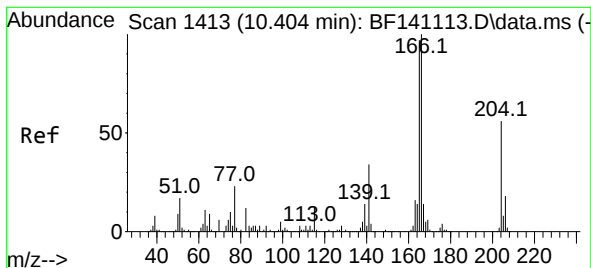
Tgt Ion:232 Resp: 250469
Ion Ratio Lower Upper
232 100
131 46.0 36.2 54.4
130 2.3 2.0 3.0
166 30.4 24.2 36.4



#60
Diethylphthalate
Concen: 49.743 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:149 Resp: 880708
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.6 10.2 15.2

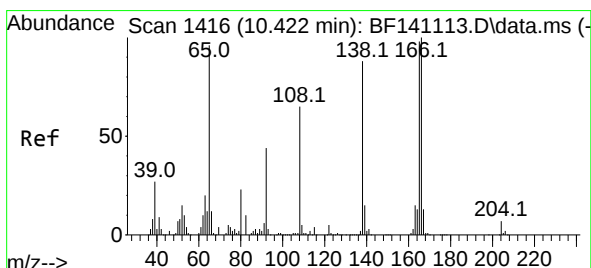
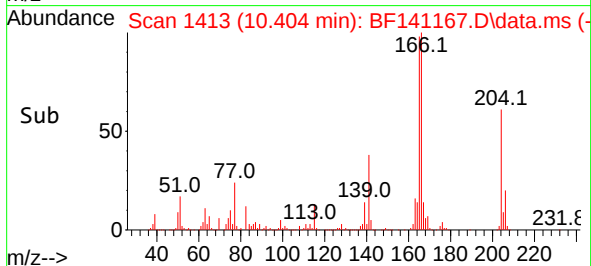
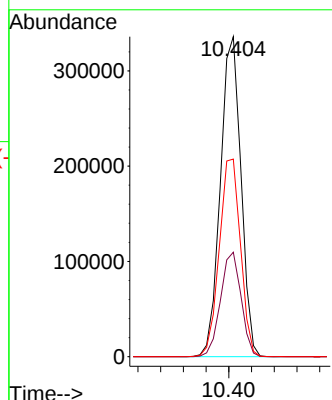
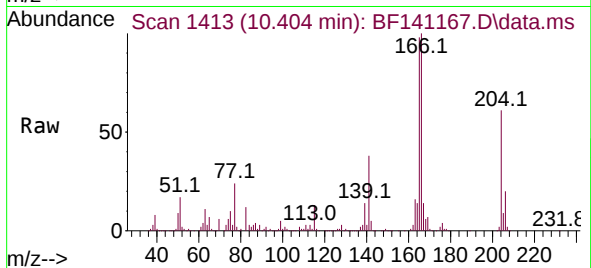




#61
4-Chlorophenyl-phenylether
Concen: 50.296 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

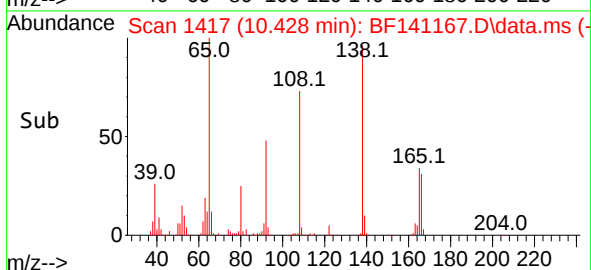
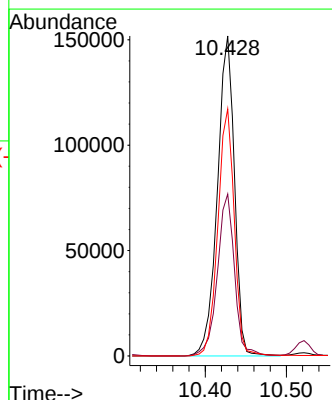
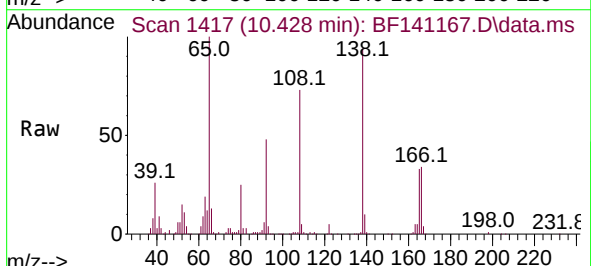
Instrument :
BNA_F
ClientSampleId :
PB166008BS

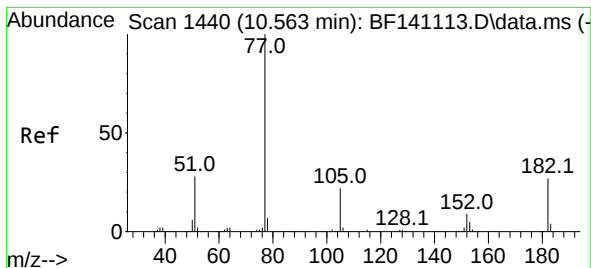
Tgt Ion:204 Resp: 422508
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.7 49.1 73.7



#62
4-Nitroaniline
Concen: 52.981 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:138 Resp: 222239
Ion Ratio Lower Upper
138 100
92 50.6 29.4 69.4
108 77.2 53.7 93.7





#63

Azobenzene

Concen: 50.481 ng

RT: 10.563 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

Tgt Ion: 77 Resp: 881911

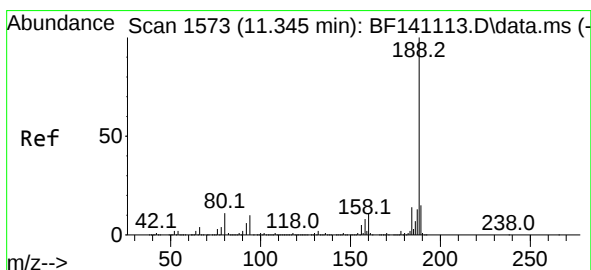
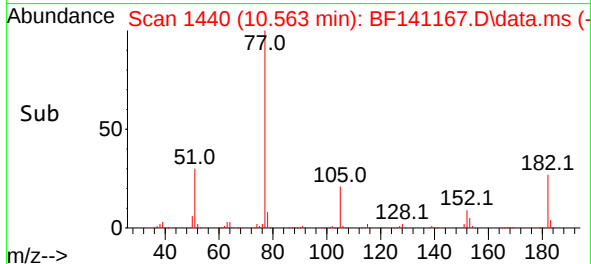
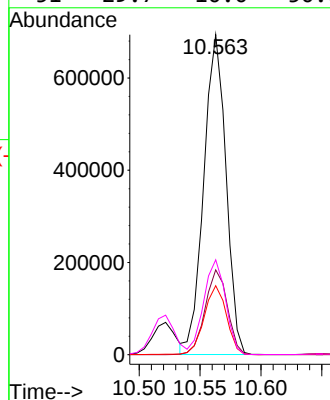
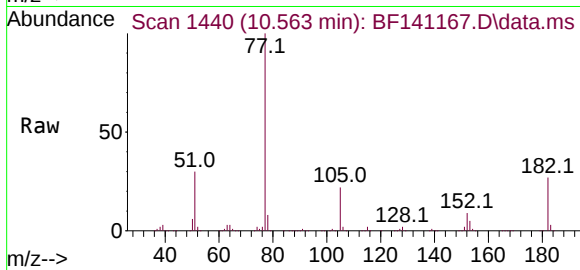
Ion Ratio Lower Upper

77 100

182 26.5 6.1 46.1

105 21.5 2.1 42.1

51 29.7 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: BF141167.D

Acq: 15 Jan 2025 11:19

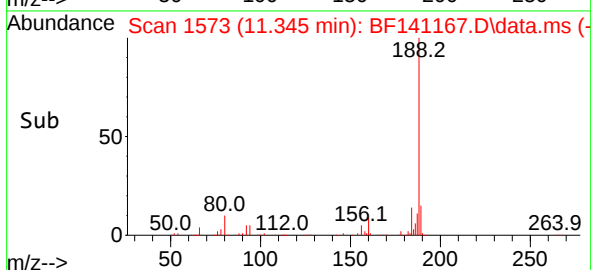
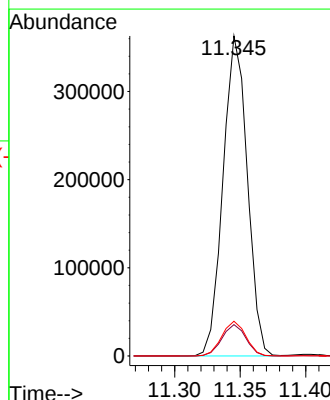
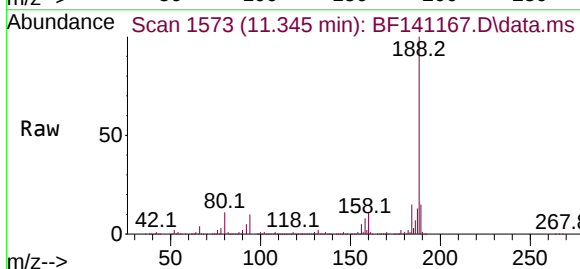
Tgt Ion: 188 Resp: 467141

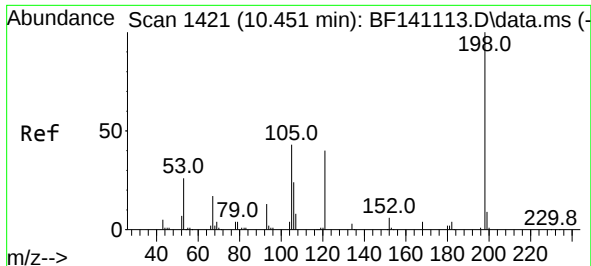
Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 10.8 9.0 13.4

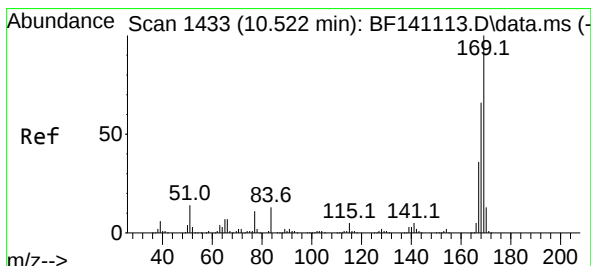
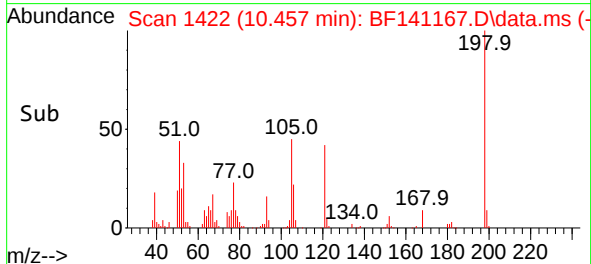
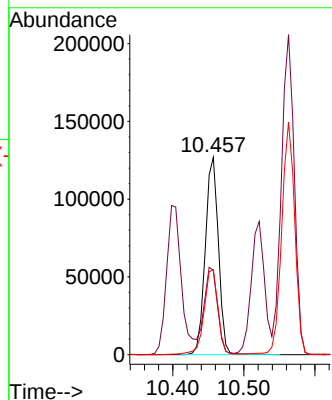
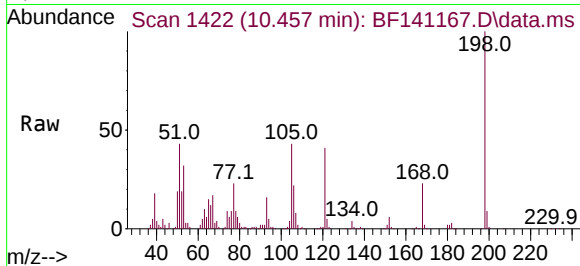




#65
4,6-Dinitro-2-methylphenol
Concen: 60.509 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

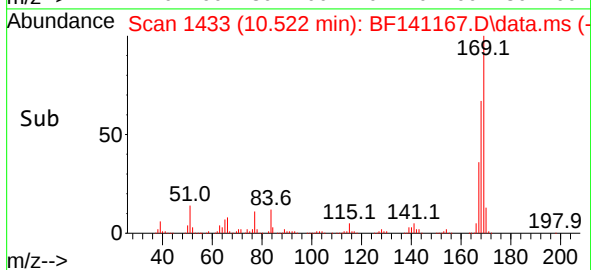
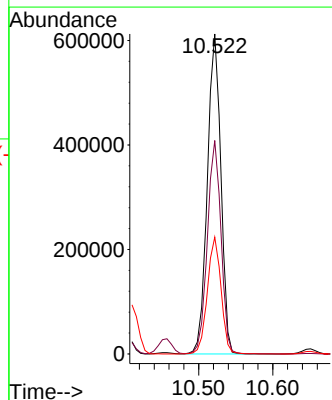
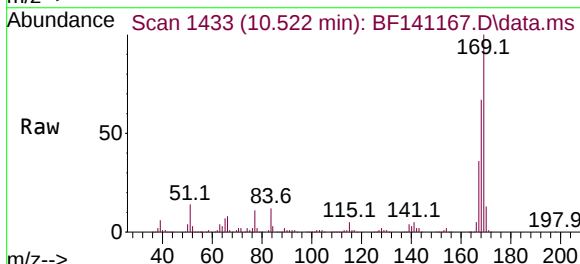
Instrument :
BNA_F
ClientSampleId :
PB166008BS

Tgt Ion:198 Resp: 163796
Ion Ratio Lower Upper
198 100
51 42.8 27.1 67.1
105 43.0 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 51.524 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:169 Resp: 776331
Ion Ratio Lower Upper
169 100
168 66.7 52.5 78.7
167 36.5 28.9 43.3

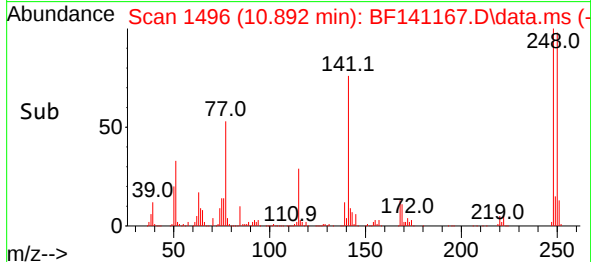
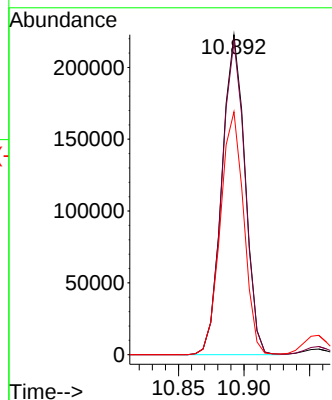
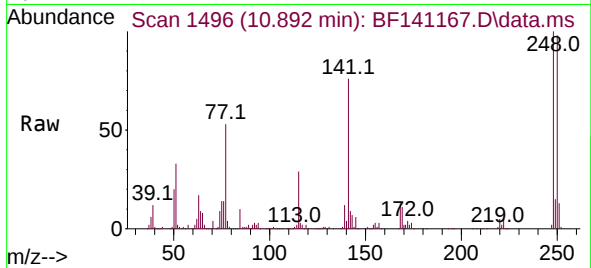




#67
4-Bromophenyl-phenylether
Concen: 50.677 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

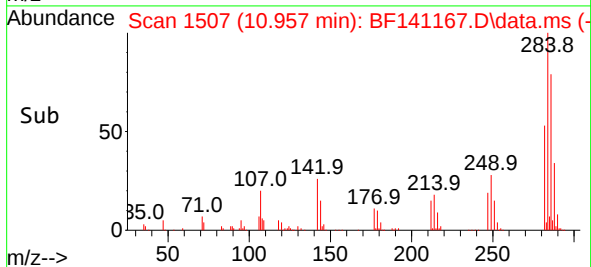
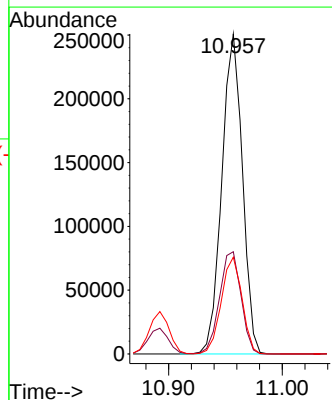
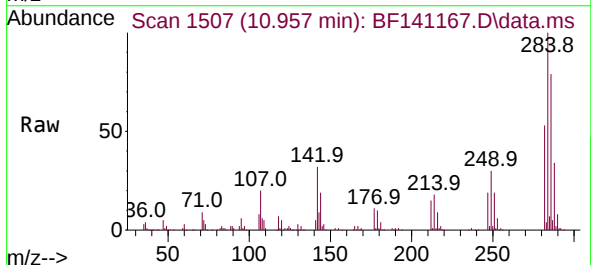
Instrument :
BNA_F
ClientSampleId :
PB166008BS

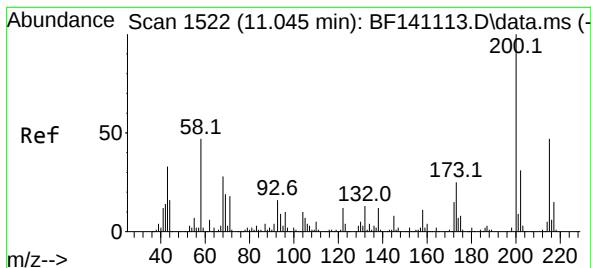
Tgt Ion:248 Resp: 272552
Ion Ratio Lower Upper
248 100
250 98.0 77.9 116.9
141 75.9 59.9 89.9



#68
Hexachlorobenzene
Concen: 52.754 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:284 Resp: 315836
Ion Ratio Lower Upper
284 100
142 32.0 26.3 39.5
249 30.3 24.9 37.3





#69

Atrazine

Concen: 64.616 ng

RT: 11.051 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

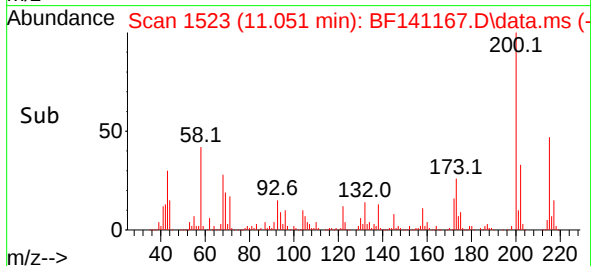
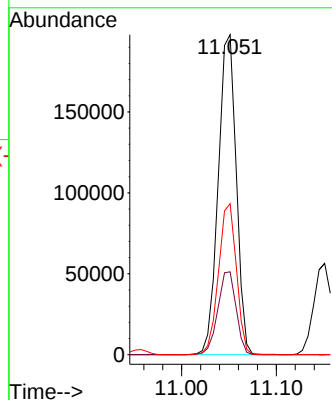
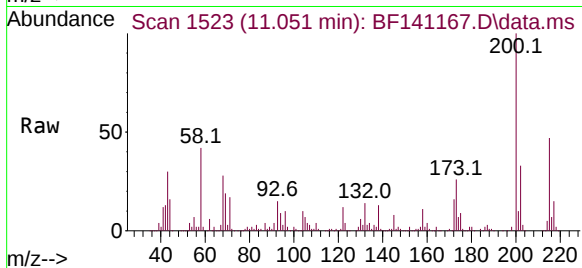
Tgt Ion:200 Resp: 262146

Ion Ratio Lower Upper

200 100

173 25.9 5.4 45.4

215 47.2 26.6 66.6



#70

Pentachlorophenol

Concen: 104.109 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

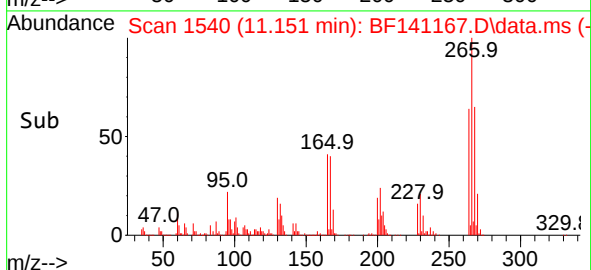
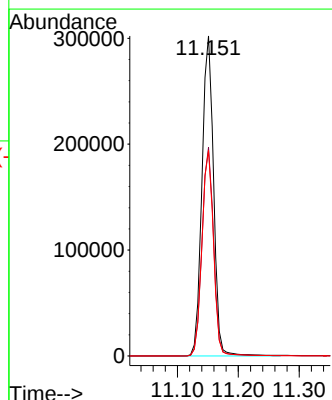
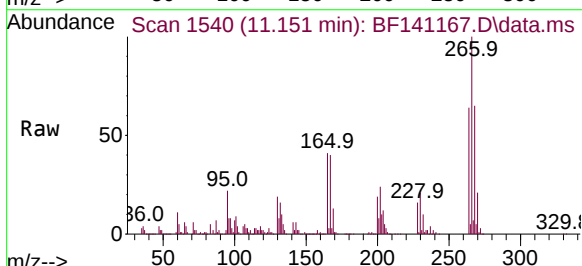
Tgt Ion:266 Resp: 399158

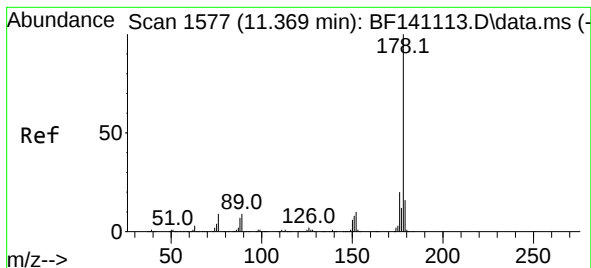
Ion Ratio Lower Upper

266 100

268 65.2 50.4 75.6

264 64.2 50.2 75.2

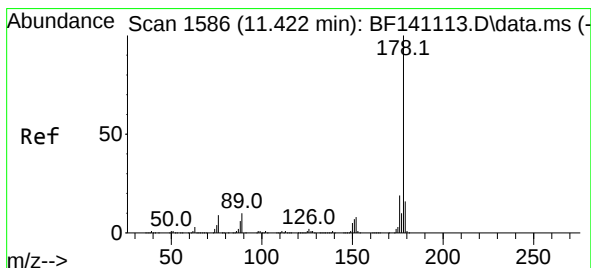
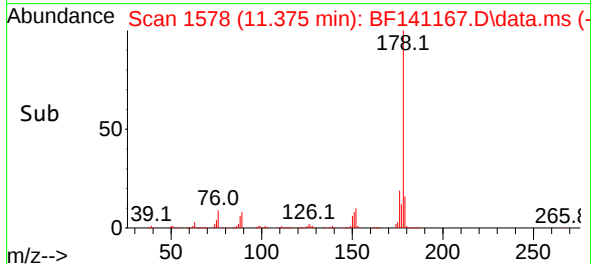
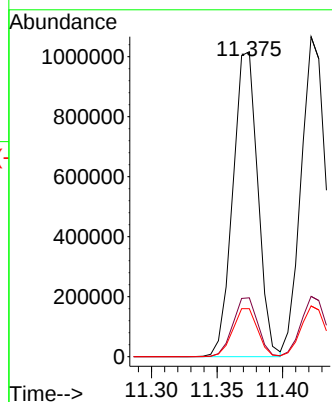
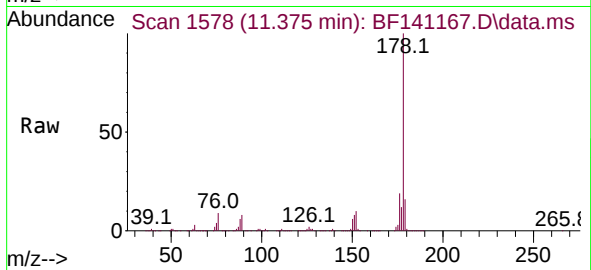




#71
Phenanthrene
Concen: 53.655 ng
RT: 11.375 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

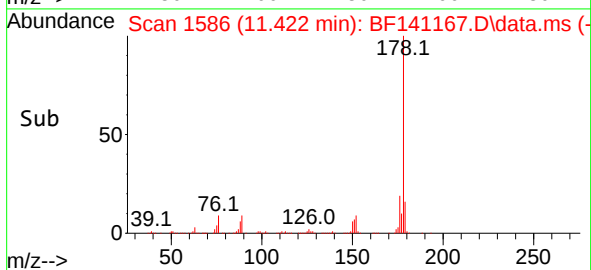
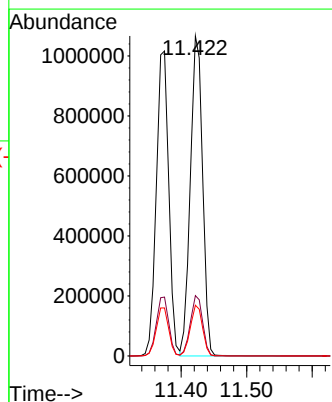
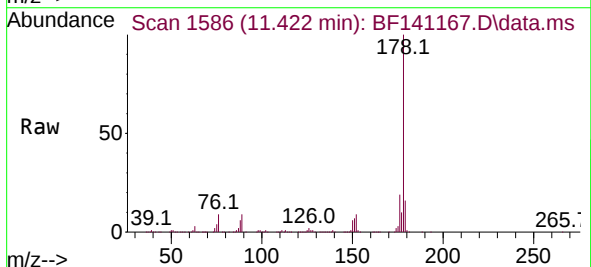
Instrument :
BNA_F
ClientSampleId :
PB166008BS

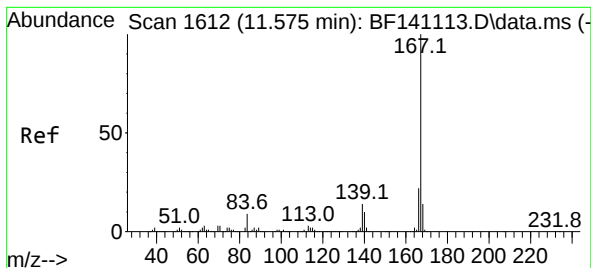
Tgt Ion:178 Resp: 1345642
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.8 12.6 19.0



#72
Anthracene
Concen: 56.732 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:178 Resp: 1383464
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.9 12.6 19.0





#73

Carbazole

Concen: 55.471 ng

RT: 11.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

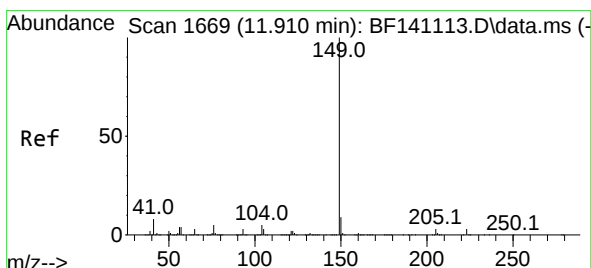
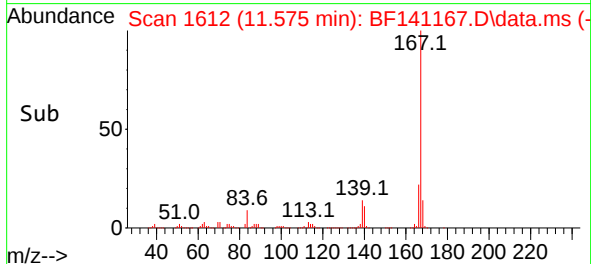
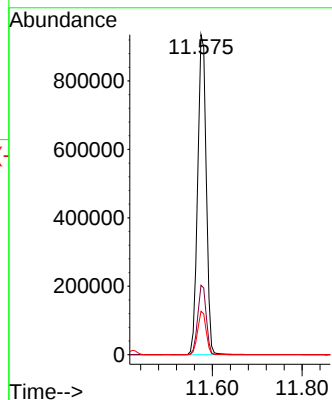
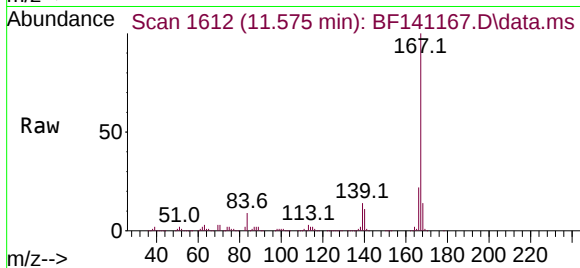
Tgt Ion:167 Resp: 1240340

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 51.876 ng

RT: 11.910 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

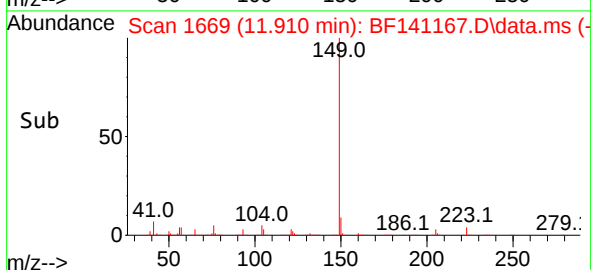
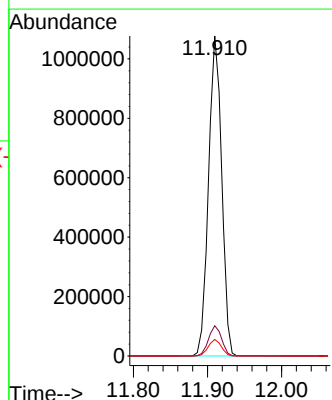
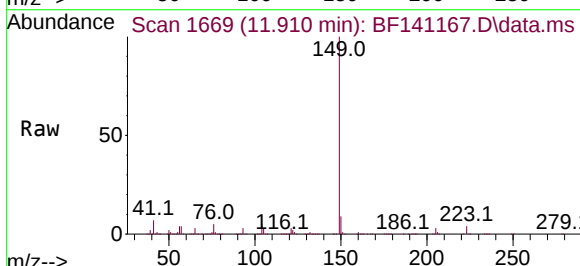
Tgt Ion:149 Resp: 1327466

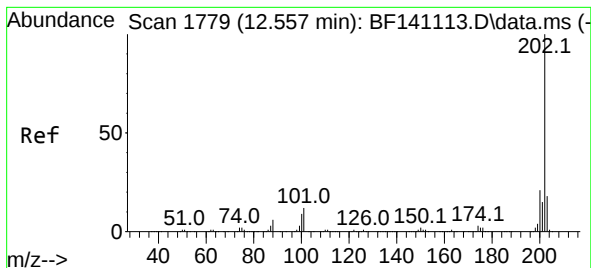
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 57.635 ng

RT: 12.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

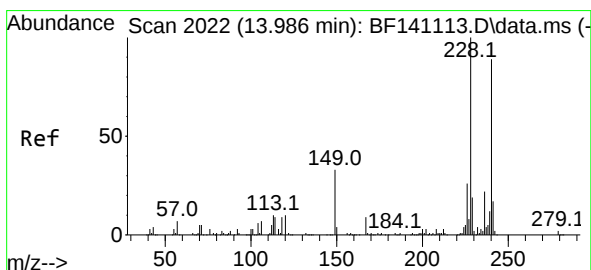
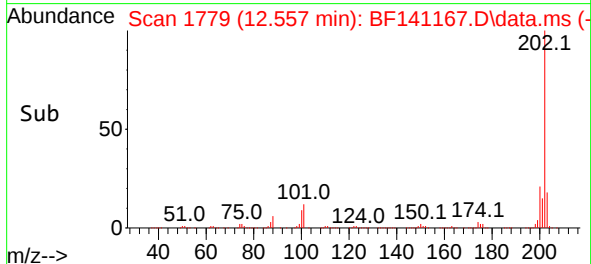
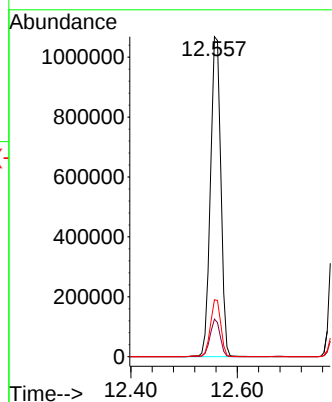
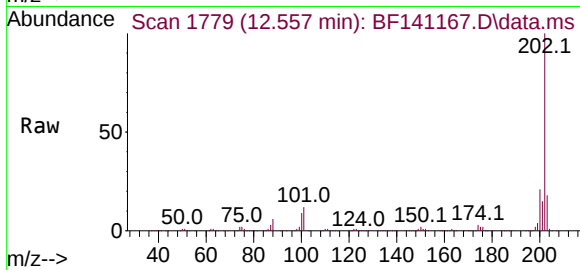
Tgt Ion:202 Resp: 1442414

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

203 17.8 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: BF141167.D

Acq: 15 Jan 2025 11:19

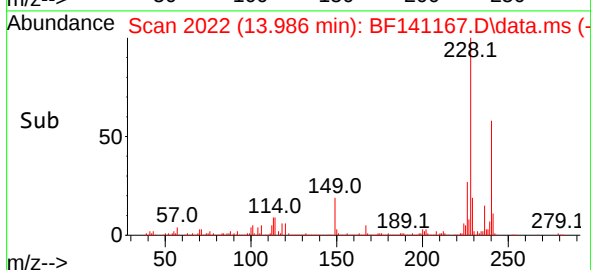
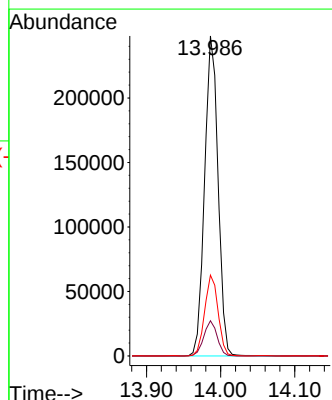
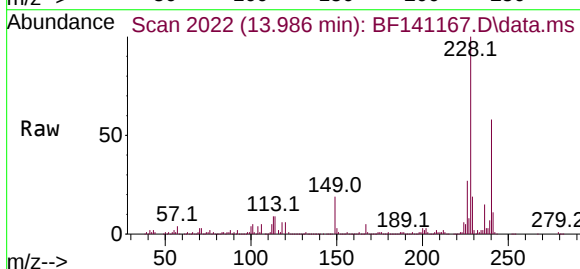
Tgt Ion:240 Resp: 312476

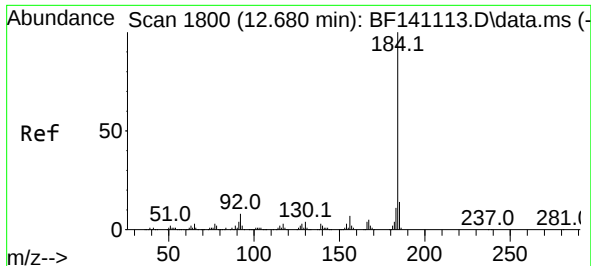
Ion Ratio Lower Upper

240 100

120 11.0 9.1 13.7

236 25.3 19.8 29.6

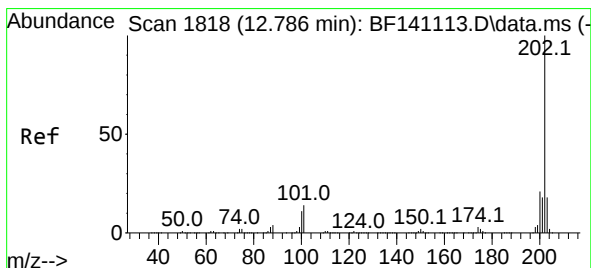
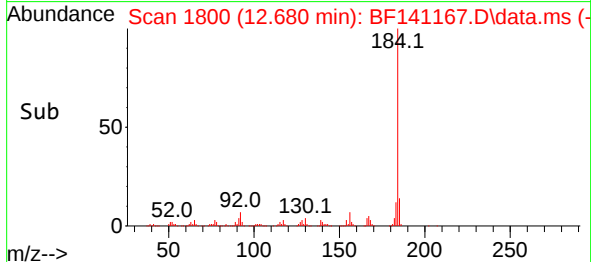
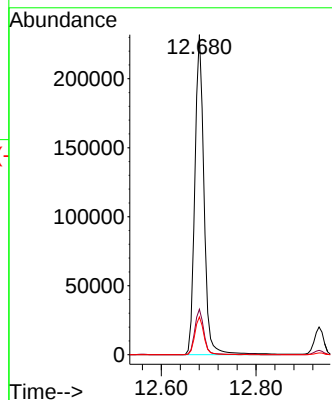
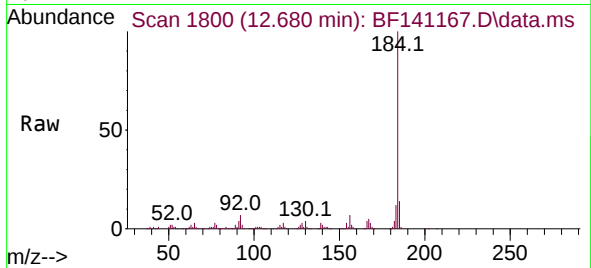




#77
Benzidine
Concen: 53.817 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

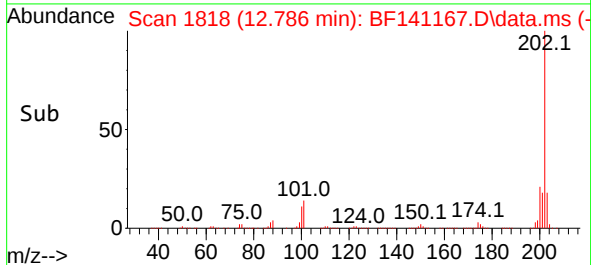
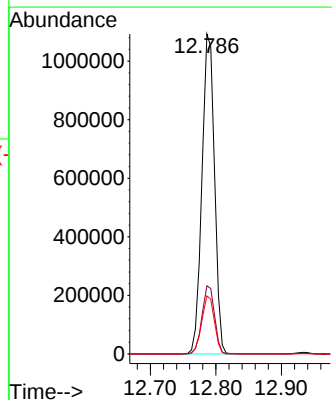
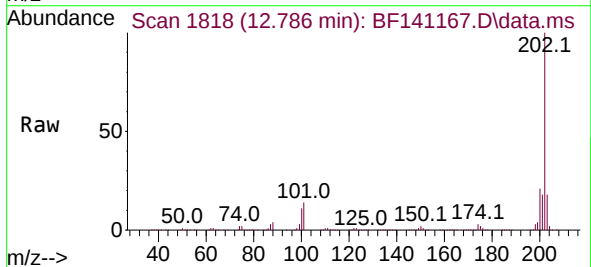
Instrument :
BNA_F
ClientSampleId :
PB166008BS

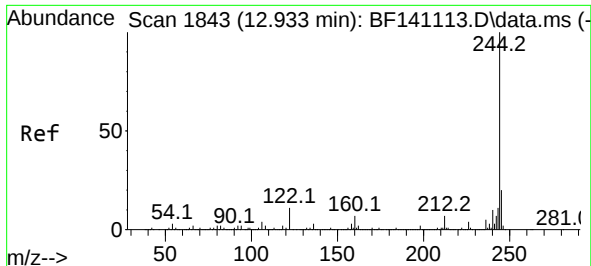
Tgt Ion:184 Resp: 311851
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.8 9.2 13.8



#78
Pyrene
Concen: 48.929 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:202 Resp: 1460324
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 18.2 14.3 21.5

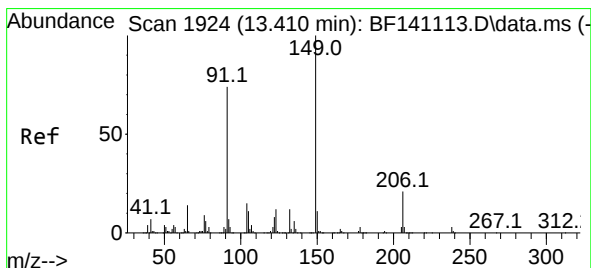
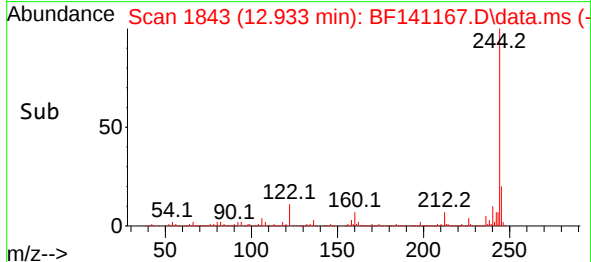
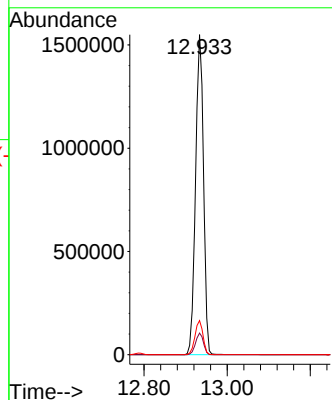
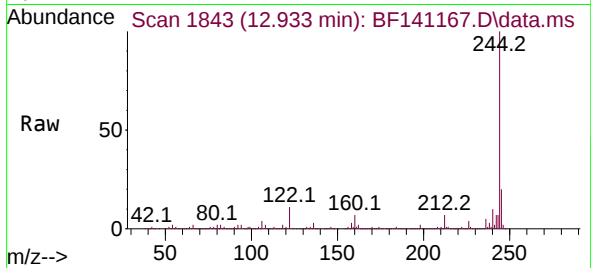




#79
 Terphenyl-d14
 Concen: 97.754 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF141167.D
 Acq: 15 Jan 2025 11:19

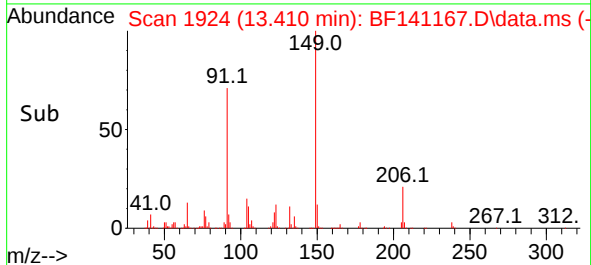
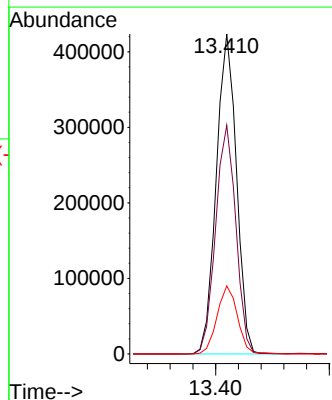
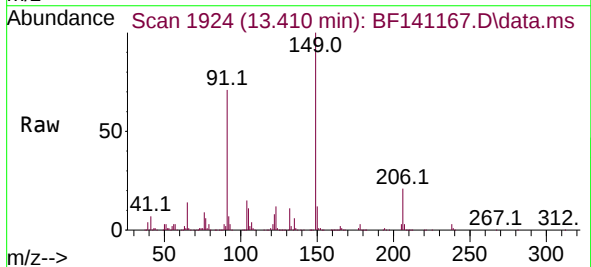
Instrument :
 BNA_F
 ClientSampleId :
 PB166008BS

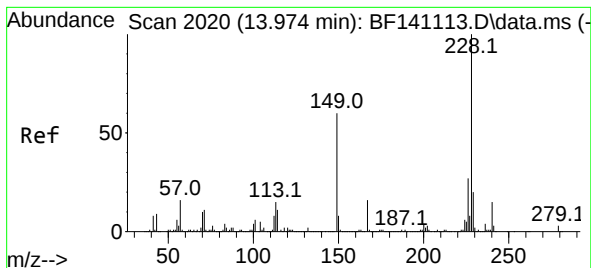
Tgt Ion:244 Resp: 2055159
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.6 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 52.611 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF141167.D
 Acq: 15 Jan 2025 11:19

Tgt Ion:149 Resp: 523518
 Ion Ratio Lower Upper
 149 100
 91 71.5 59.0 88.6
 206 21.2 16.5 24.7





#81

Benzo(a)anthracene

Concen: 52.425 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

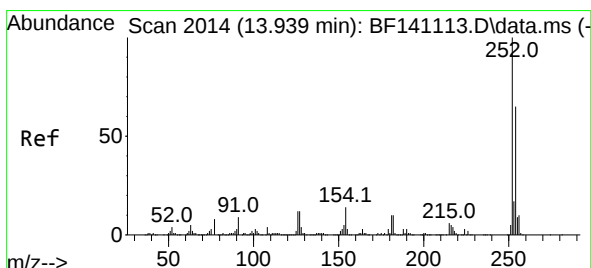
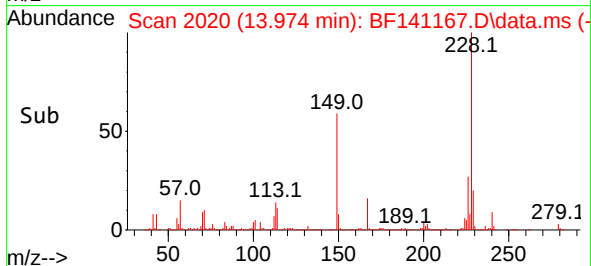
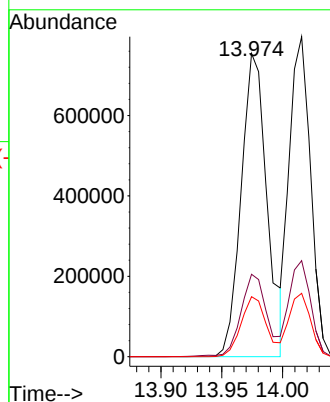
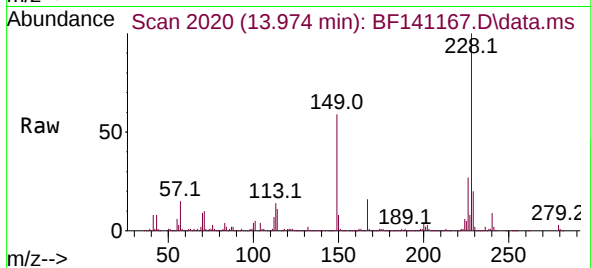
Tgt Ion:228 Resp: 1114870

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 32.545 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

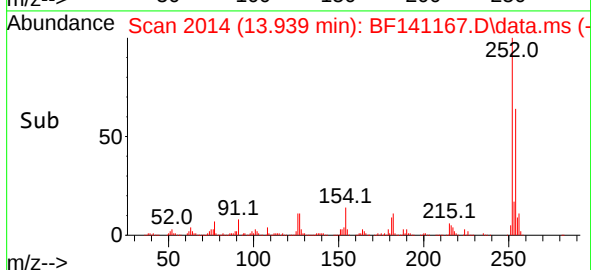
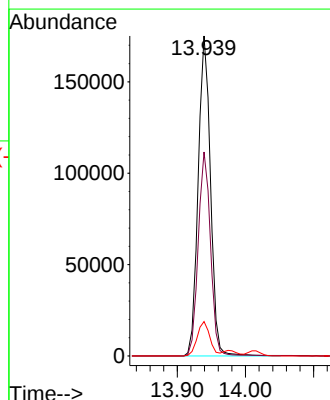
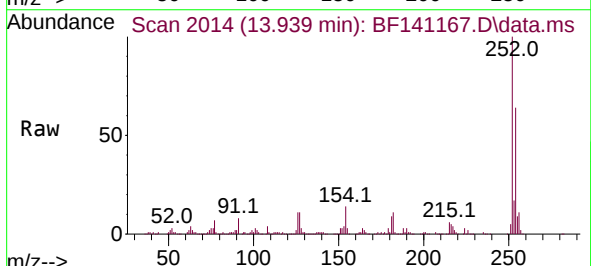
Tgt Ion:252 Resp: 220374

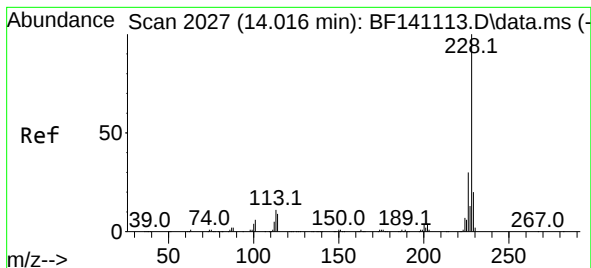
Ion Ratio Lower Upper

252 100

254 63.8 52.0 78.0

126 10.8 9.4 14.0





#83

Chrysene

Concen: 48.810 ng

RT: 14.016 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

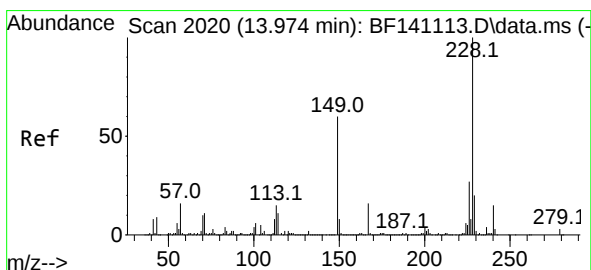
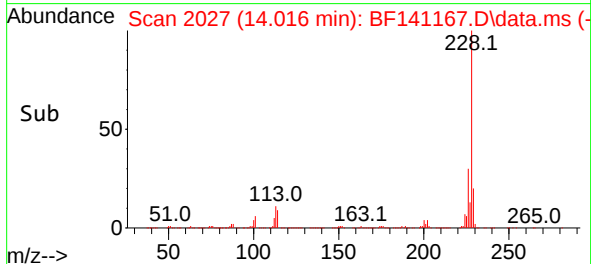
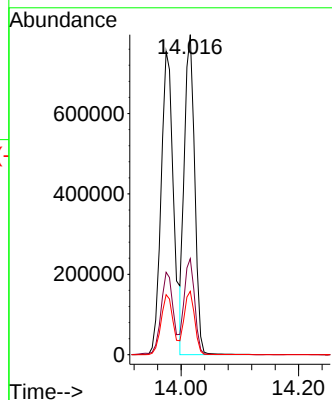
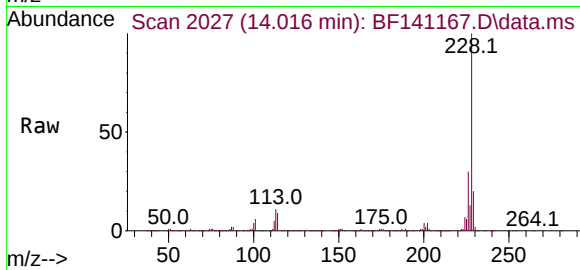
Tgt Ion:228 Resp: 971235

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.360 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

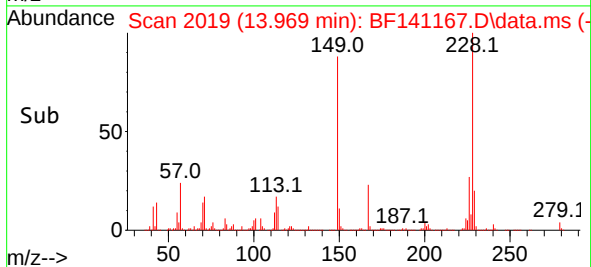
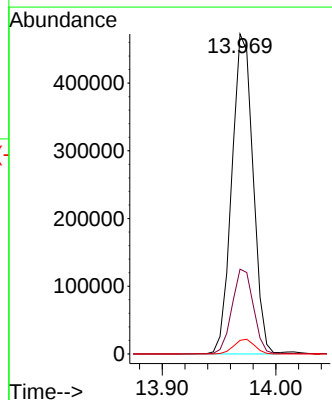
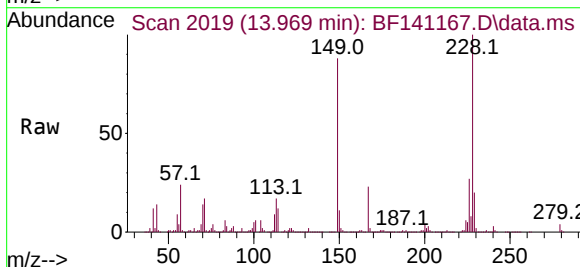
Tgt Ion:149 Resp: 613202

Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.2

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 49.742 ng

RT: 14.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

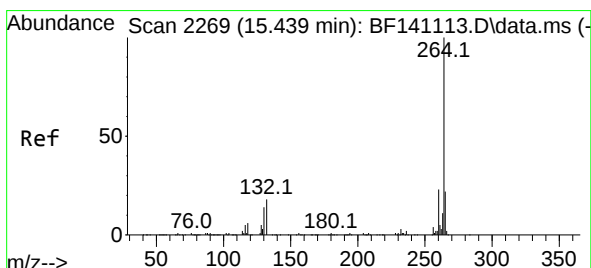
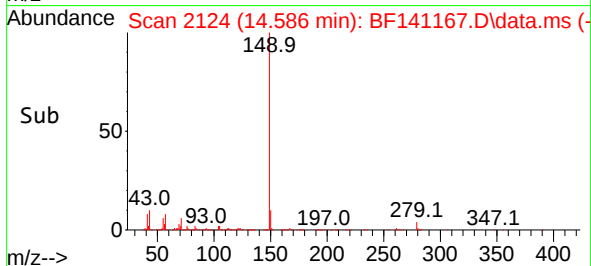
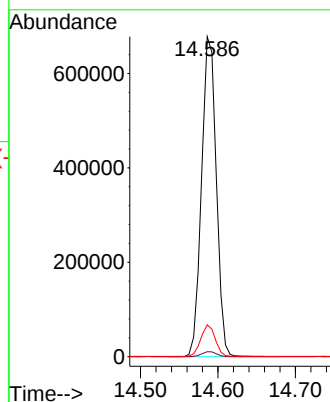
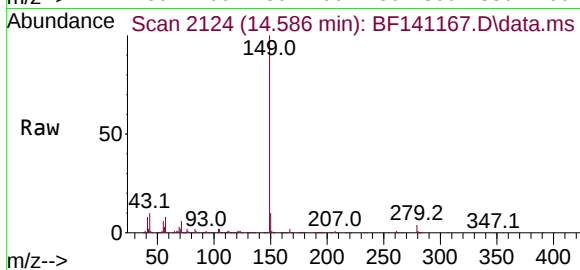
Tgt Ion:149 Resp: 896816

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 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: BF141167.D

Acq: 15 Jan 2025 11:19

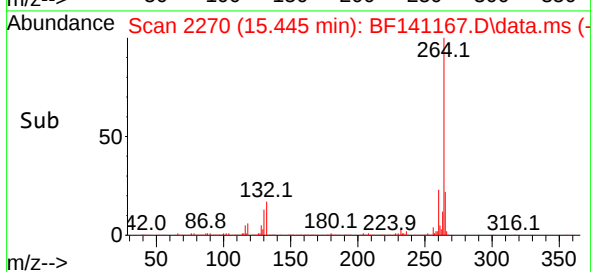
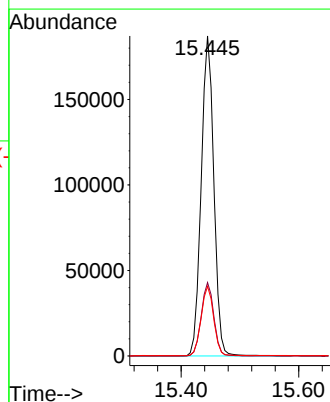
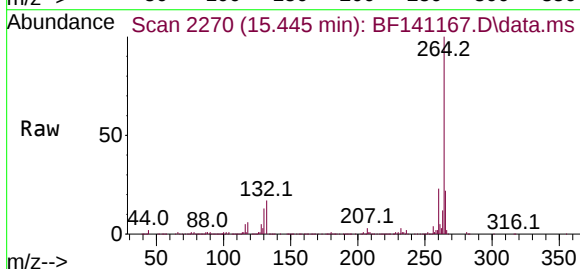
Tgt Ion:264 Resp: 279285

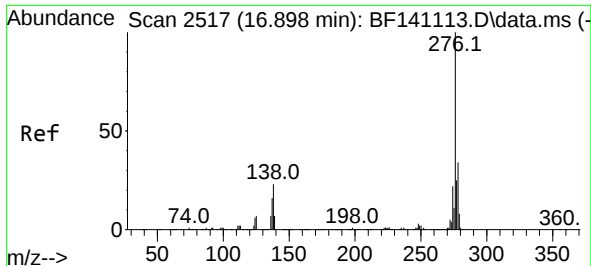
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.7 17.4 26.0

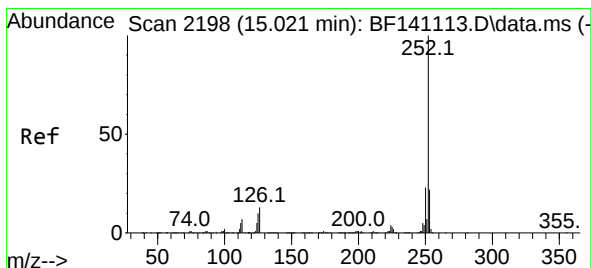
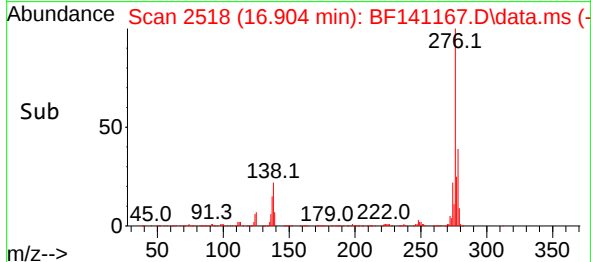
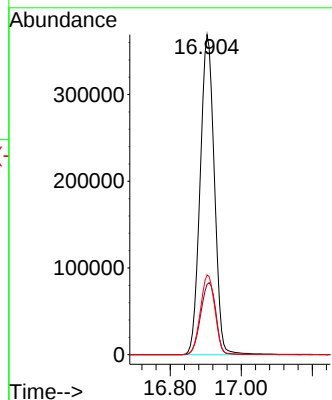
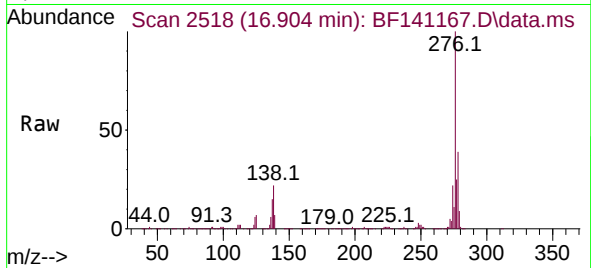




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.202 ng
RT: 16.904 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

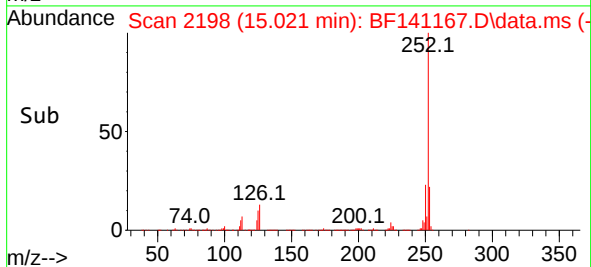
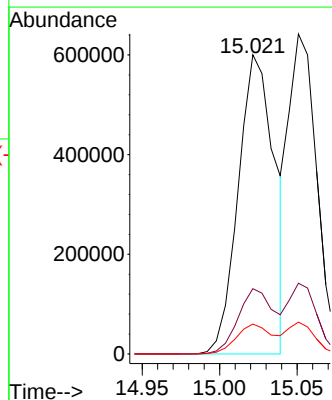
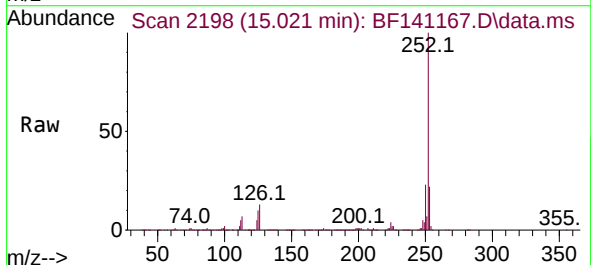
Instrument :
BNA_F
ClientSampleId :
PB166008BS

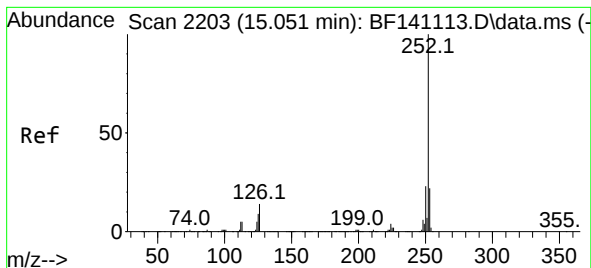
Tgt Ion:276 Resp: 1027187
Ion Ratio Lower Upper
276 100
138 24.1 20.7 31.1
277 25.6 20.6 30.8



#88
Benzo(b)fluoranthene
Concen: 54.285 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF141167.D
Acq: 15 Jan 2025 11:19

Tgt Ion:252 Resp: 977639
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 53.191 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

Instrument :

BNA_F

ClientSampleId :

PB166008BS

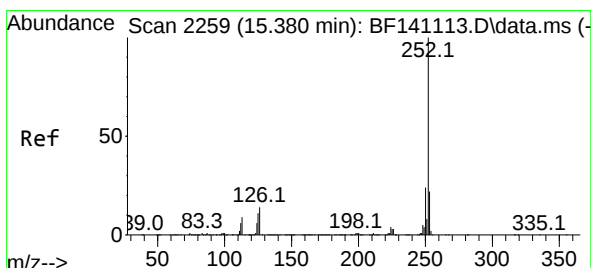
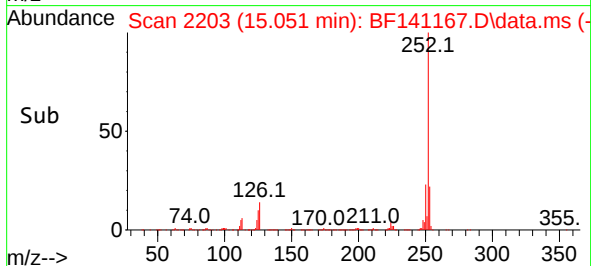
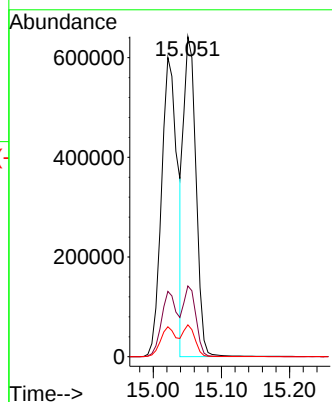
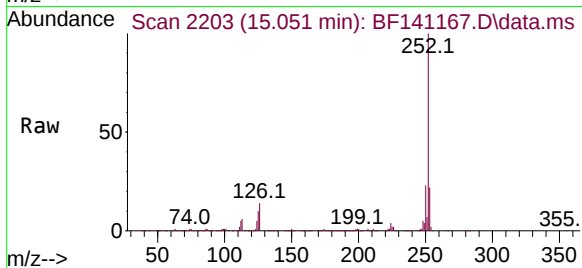
Tgt Ion:252 Resp: 809540

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 56.292 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141167.D

Acq: 15 Jan 2025 11:19

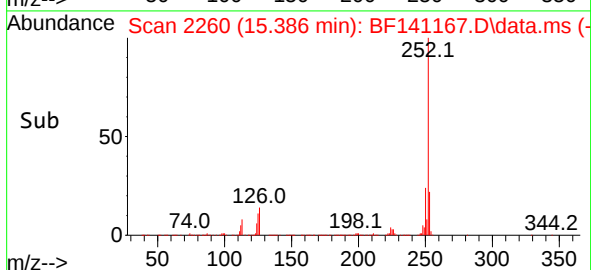
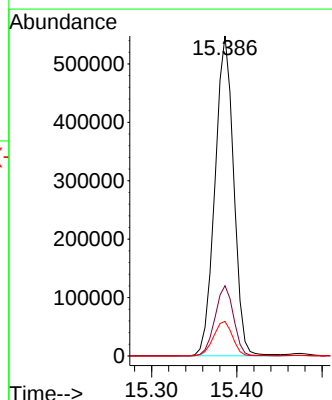
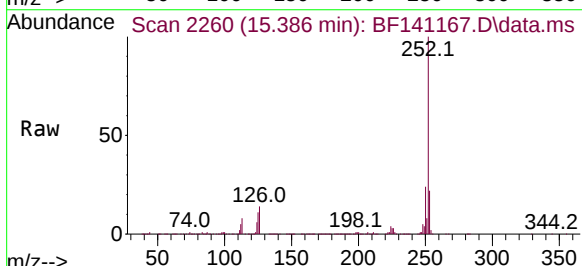
Tgt Ion:252 Resp: 836418

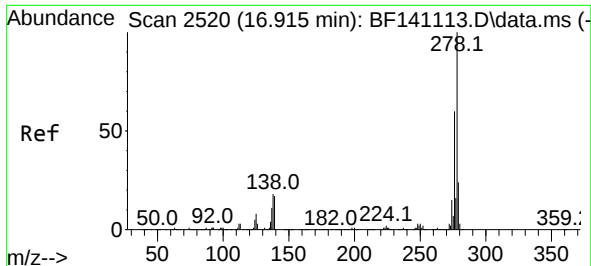
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.8 9.1 13.7

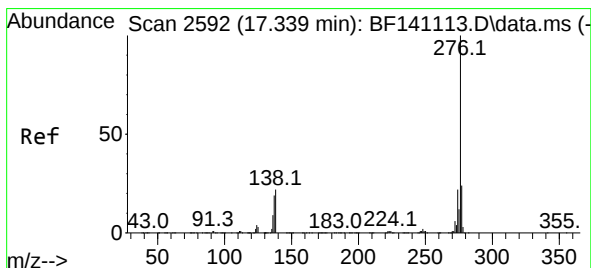
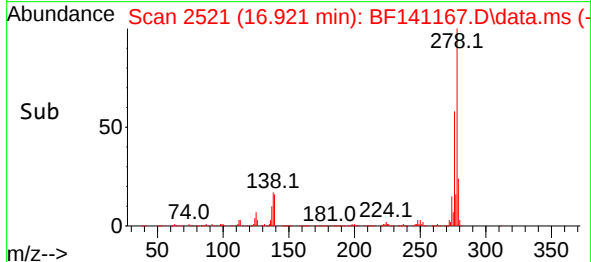
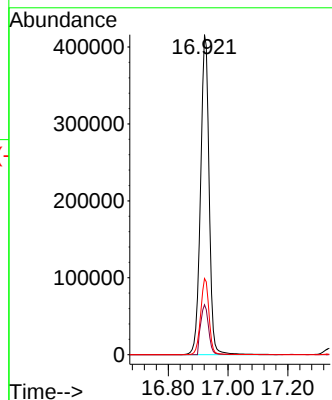
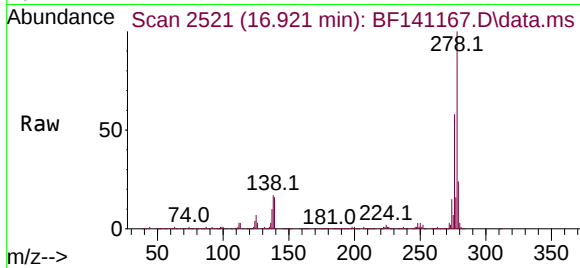




#91
 Dibenzo(a,h)anthracene
 Concen: 49.941 ng
 RT: 16.921 min Scan# 2521
 Delta R.T. 0.006 min
 Lab File: BF141167.D
 Acq: 15 Jan 2025 11:19

Instrument :
 BNA_F
 ClientSampleId :
 PB166008BS

Tgt Ion:278 Resp: 826479
 Ion Ratio Lower Upper
 278 100
 139 15.6 13.8 20.6
 279 23.8 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 45.842 ng
 RT: 17.345 min Scan# 2593
 Delta R.T. 0.006 min
 Lab File: BF141167.D
 Acq: 15 Jan 2025 11:19

Tgt Ion:276 Resp: 789103
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.4
 138 20.5 17.4 26.2

