

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141268.D
 Acq On : 27 Jan 2025 13:13
 Operator : RC/JU
 Sample : PB166258BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166258BS

Quant Time: Jan 27 13:45:11 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	6.804	152	168150	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	669601	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	357856	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	588043	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	380675	20.000	ng	0.00
86) Perylene-d12	15.445	264	394892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1236006	113.552	ng	0.00
7) Phenol-d6	6.439	99	1543352	111.934	ng	0.00
23) Nitrobenzene-d5	7.369	82	994112	78.698	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	522062	128.034	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1913041	81.633	ng	-0.01
79) Terphenyl-d14	12.921	244	2061533	80.490	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	167469	34.550	ng	98
3) Pyridine	3.334	79	434051	36.516	ng	95
4) n-Nitrosodimethylamine	3.281	42	223682	38.486	ng	93
6) Aniline	6.469	93	410759	33.555	ng	95
8) 2-Chlorophenol	6.587	128	508731	43.563	ng	98
9) Benzaldehyde	6.351	77	51704	6.367	ng	95
10) Phenol	6.451	94	598915	40.578	ng	93
11) bis(2-Chloroethyl)ether	6.539	93	466882	42.446	ng	97
12) 1,3-Dichlorobenzene	6.745	146	526543	40.426	ng	98
13) 1,4-Dichlorobenzene	6.822	146	531522	40.496	ng	100
14) 1,2-Dichlorobenzene	6.975	146	511567	41.784	ng	98
15) Benzyl Alcohol	6.945	79	435312	43.718	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	623604	40.628	ng	95
17) 2-Methylphenol	7.057	107	404140	42.865	ng	99
18) Hexachloroethane	7.316	117	196321	41.362	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	339504	41.800	ng	97
20) 3+4-Methylphenols	7.210	107	491551	41.325	ng	# 85
22) Acetophenone	7.216	105	654699	41.129	ng	97
24) Nitrobenzene	7.386	77	513630	39.014	ng	99
25) Isophorone	7.628	82	938703	43.484	ng	99
26) 2-Nitrophenol	7.704	139	270109	45.103	ng	98
27) 2,4-Dimethylphenol	7.739	122	410605	50.831	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	571893	42.213	ng	100
29) 2,4-Dichlorophenol	7.945	162	417278	43.495	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	445813	40.654	ng	99
31) Naphthalene	8.110	128	1457723	41.281	ng	100
32) Benzoic acid	7.863	122	295030	38.074	ng	96
33) 4-Chloroaniline	8.157	127	243832	19.966	ng	99
34) Hexachlorobutadiene	8.228	225	274285	41.510	ng	100
35) Caprolactam	8.528	113	96818	30.825	ng	94
36) 4-Chloro-3-methylphenol	8.645	107	448519	42.748	ng	98
37) 2-Methylnaphthalene	8.798	142	964166	42.848	ng	100
38) 1-Methylnaphthalene	8.898	142	900864	40.622	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	448400	43.656	ng	99
41) Hexachlorocyclopentadiene	8.957	237	542040	161.303	ng	99
43) 2,4,6-Trichlorophenol	9.080	196	316106	45.632	ng	98

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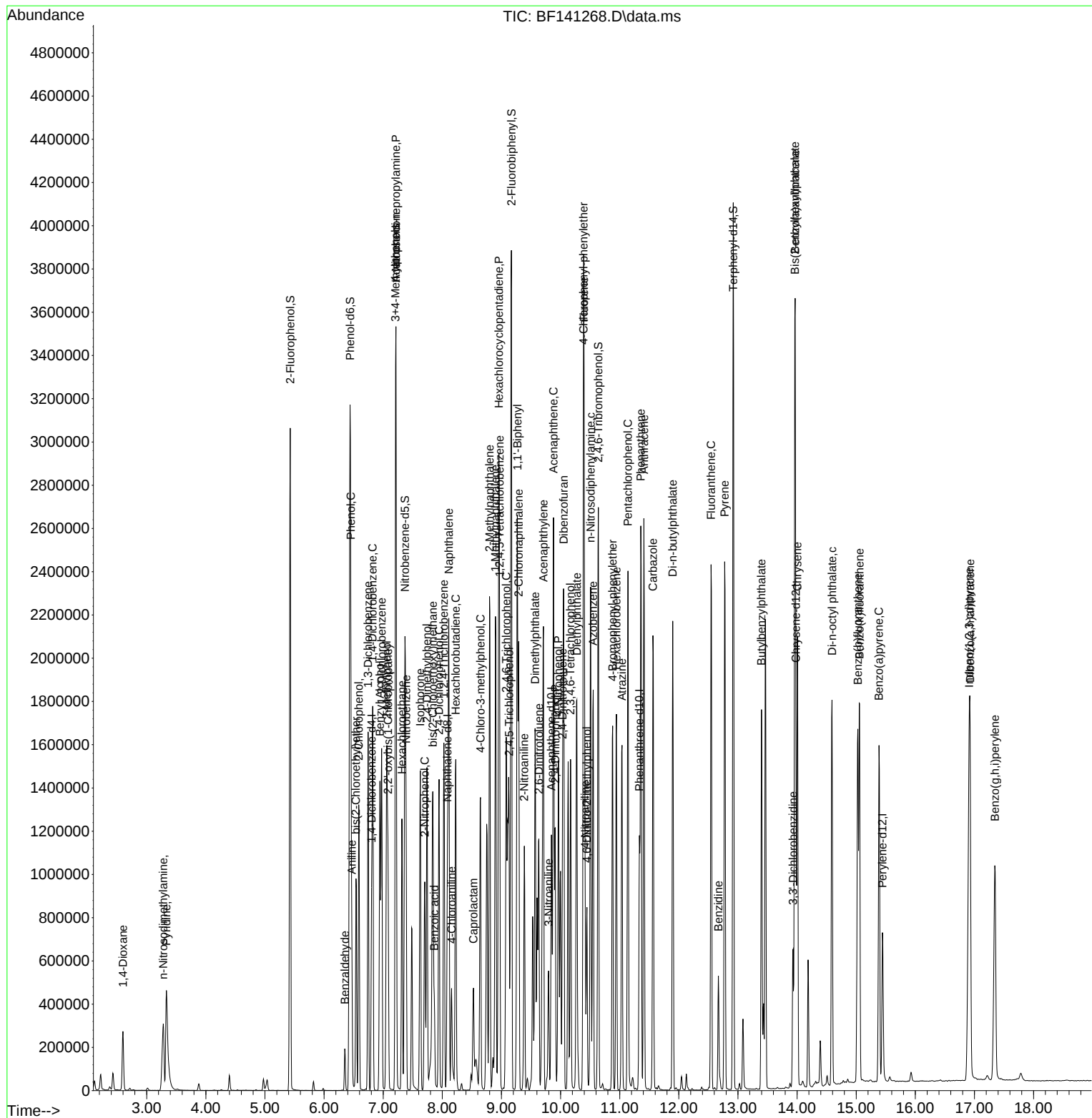
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	305452	41.751	ng	97
46) 1,1'-Biphenyl	9.269	154	1192818	42.921	ng	99
47) 2-Chloronaphthalene	9.292	162	901978	41.670	ng	99
48) 2-Nitroaniline	9.386	65	268698	41.876	ng	98
49) Acenaphthylene	9.710	152	1384180	44.759	ng	100
50) Dimethylphthalate	9.569	163	1047412	43.598	ng	100
51) 2,6-Dinitrotoluene	9.633	165	231654	41.465	ng	98
52) Acenaphthene	9.880	154	1026550	47.512	ng	99
53) 3-Nitroaniline	9.798	138	127950	22.537	ng	99
54) 2,4-Dinitrophenol	9.910	184	247128	93.063	ng	95
55) Dibenzofuran	10.051	168	1255580	42.724	ng	99
56) 4-Nitrophenol	9.963	139	368115	82.792	ng	99
57) 2,4-Dinitrotoluene	10.033	165	315417	43.809	ng	98
58) Fluorene	10.398	166	962974	42.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	270401	44.465	ng	100
60) Diethylphthalate	10.275	149	1014224	43.244	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	482533	43.362	ng	99
62) 4-Nitroaniline	10.416	138	219460	39.495	ng	99
63) Azobenzene	10.551	77	979065	42.306	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	170346	49.991	ng	95
66) n-Nitrosodiphenylamine	10.510	169	859687	45.325	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	320843	47.391	ng	97
68) Hexachlorobenzene	10.945	284	347232	46.074	ng	97
69) Atrazine	11.039	200	293747	57.518	ng	99
70) Pentachlorophenol	11.139	266	403904	83.687	ng	100
71) Phenanthrene	11.357	178	1423217	45.081	ng	100
72) Anthracene	11.410	178	1453778	47.359	ng	100
73) Carbazole	11.563	167	1230712	43.724	ng	100
74) Di-n-butylphthalate	11.898	149	1541028	47.840	ng	100
75) Fluoranthene	12.545	202	1426094	45.267	ng	99
77) Benzidine	12.668	184	291699	41.321	ng	99
78) Pyrene	12.774	202	1433055	39.414	ng	100
80) Butylbenzylphthalate	13.398	149	565682	46.664	ng	98
81) Benzo(a)anthracene	13.968	228	1082037	41.766	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	203224	24.635	ng	99
83) Chrysene	14.004	228	1040380	42.918	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	748064	51.430	ng	99
85) Di-n-octyl phthalate	14.592	149	1232642	56.120	ng	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	1271505	43.950	ng	98
88) Benzo(b)fluoranthene	15.027	252	1077844	42.328	ng	99
89) Benzo(k)fluoranthene	15.057	252	977218	45.411	ng	100
90) Benzo(a)pyrene	15.386	252	985025	46.886	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	1019922	43.587	ng	98
92) Benzo(g,h,i)perylene	17.345	276	962509	39.546	ng	99

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

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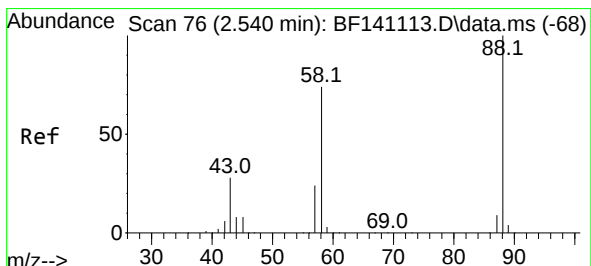
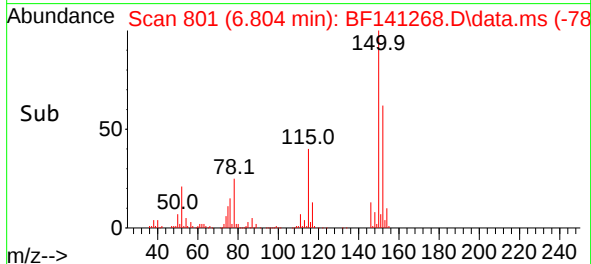
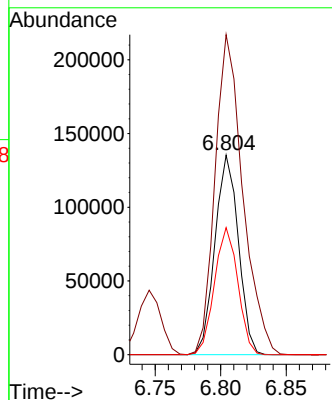
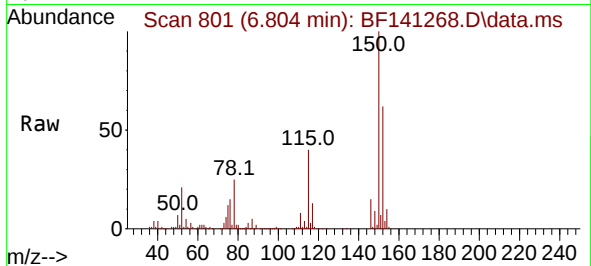




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141268.D
 Acq: 27 Jan 2025 13:13

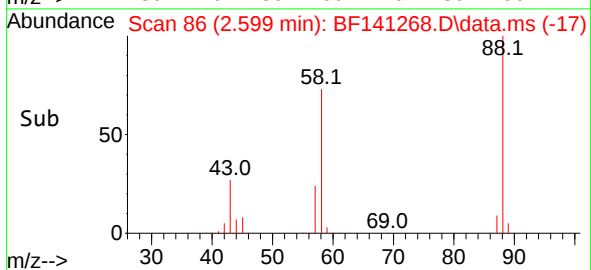
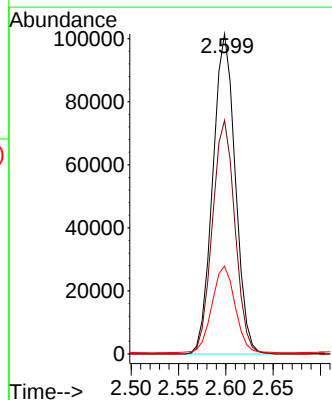
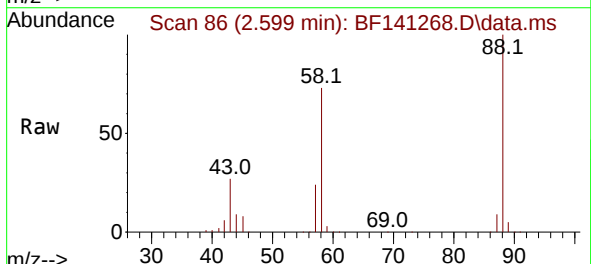
Instrument :
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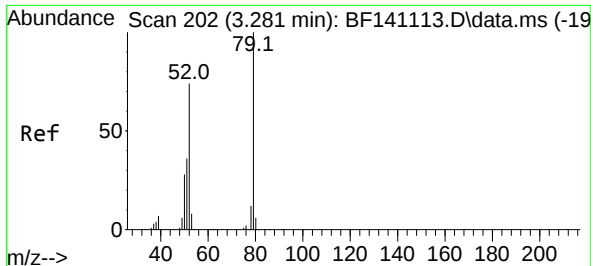
Tgt Ion:152 Resp: 168150
 Ion Ratio Lower Upper
 152 100
 150 160.4 125.8 188.8
 115 63.7 51.4 77.2



#2
 1,4-Dioxane
 Concen: 34.550 ng
 RT: 2.599 min Scan# 86
 Delta R.T. 0.059 min
 Lab File: BF141268.D
 Acq: 27 Jan 2025 13:13

Tgt Ion: 88 Resp: 167469
 Ion Ratio Lower Upper
 88 100
 58 73.3 60.1 90.1
 43 28.0 23.1 34.7

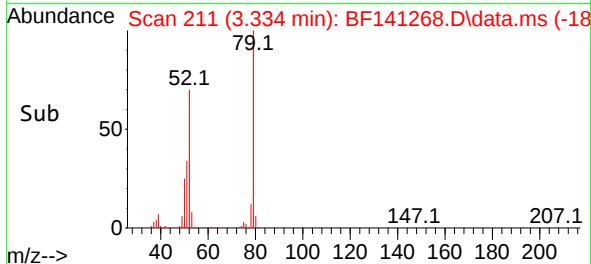
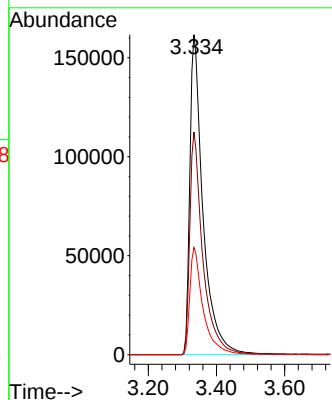
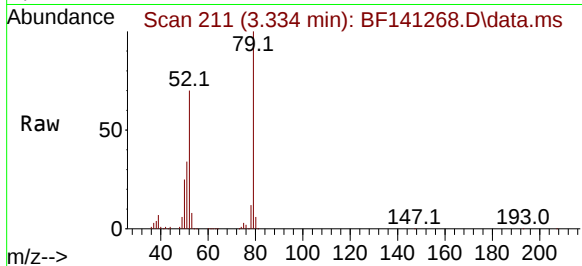




#3
Pyridine
Concen: 36.516 ng
RT: 3.334 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

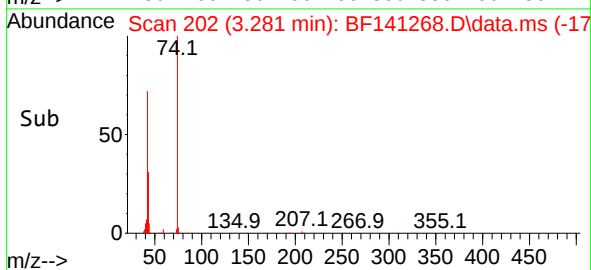
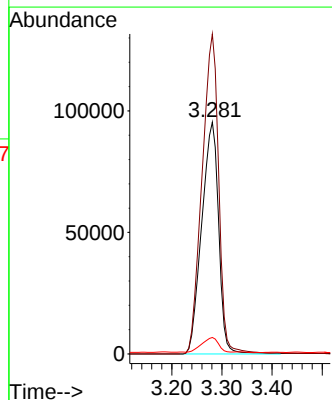
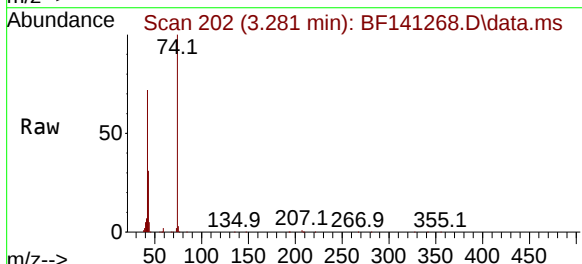
Instrument :
BNA_F
ClientSampleId :
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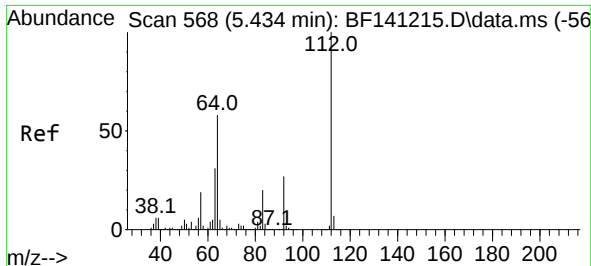
Tgt Ion: 79 Resp: 434051
Ion Ratio Lower Upper
79 100
52 69.6 58.9 88.3
51 33.5 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 38.486 ng
RT: 3.281 min Scan# 202
Delta R.T. 0.053 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion: 42 Resp: 223682
Ion Ratio Lower Upper
42 100
74 138.0 103.8 155.6
44 7.1 5.3 7.9

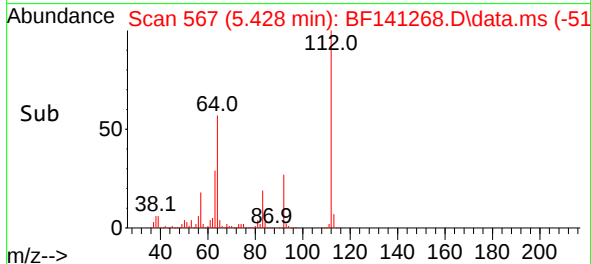
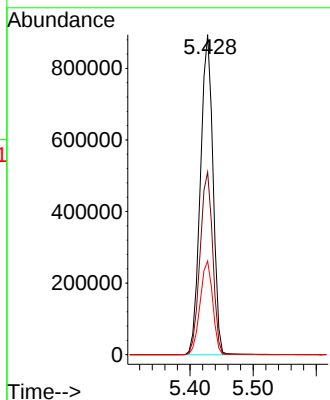
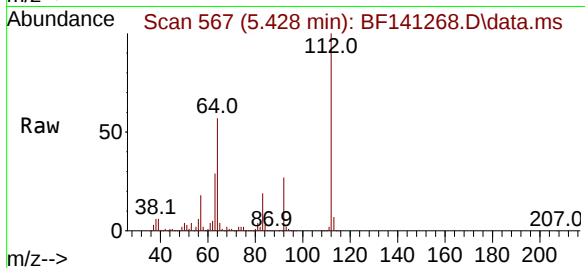




#5
2-Fluorophenol
Concen: 113.552 ng
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

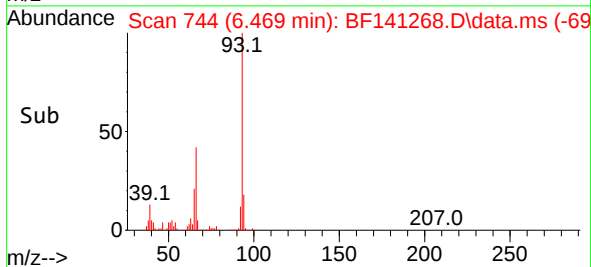
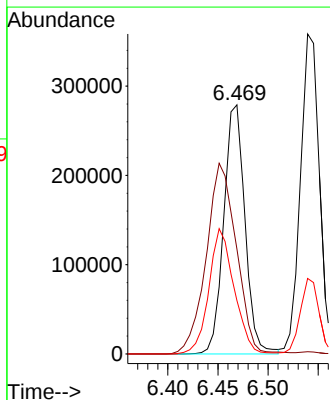
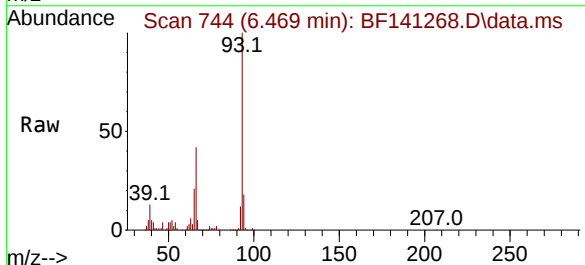
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 1236006
Ion Ratio Lower Upper
112 100
64 57.1 47.3 70.9
63 29.3 24.2 36.2



#6
Aniline
Concen: 33.555 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion: 93 Resp: 410759
Ion Ratio Lower Upper
93 100
66 42.1 31.5 47.3
65 21.5 15.3 22.9



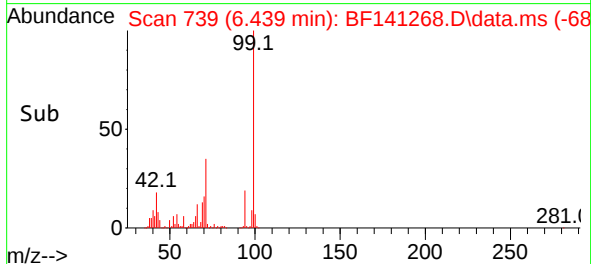
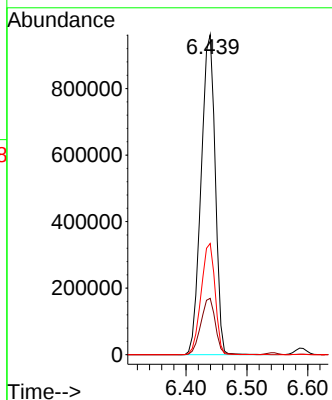
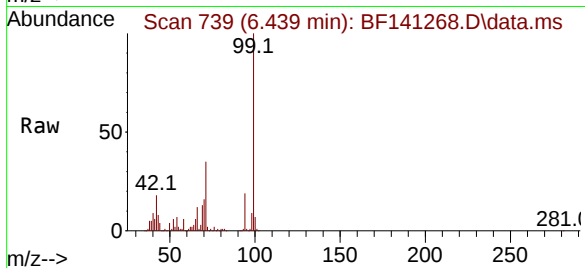


#7
Phenol-d6
Concen: 111.934 ng
RT: 6.439 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Instrument :
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Tgt Ion: 99 Resp: 1543352

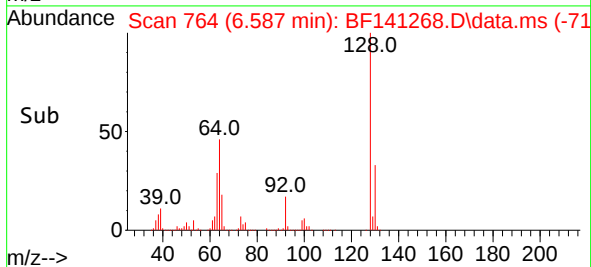
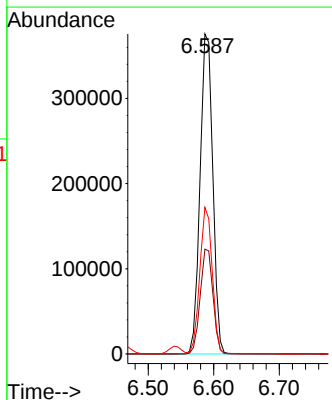
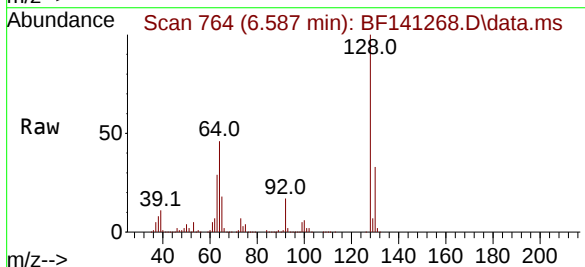
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	34.8	27.6	41.4

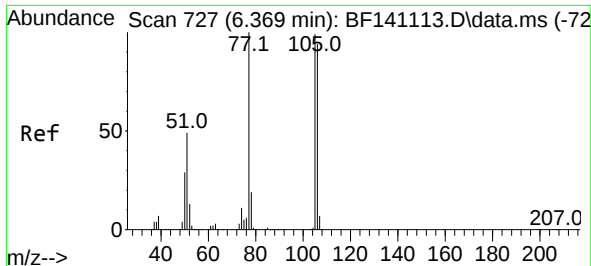


#8
2-Chlorophenol
Concen: 43.563 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion: 128 Resp: 508731

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	45.8	28.3	68.3





#9

Benzaldehyde

Concen: 6.367 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141268.D

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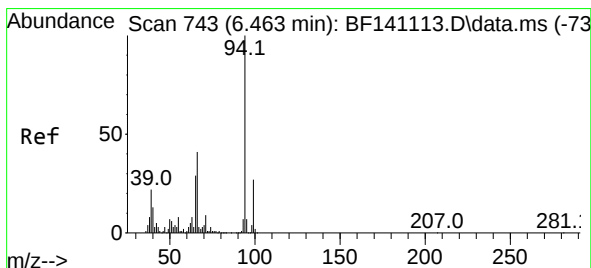
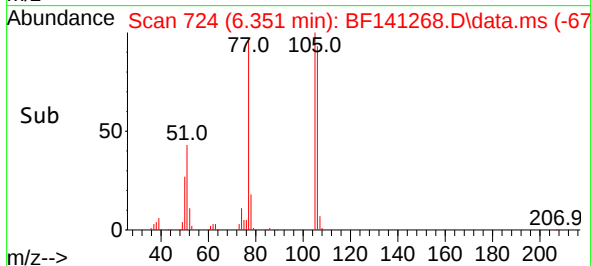
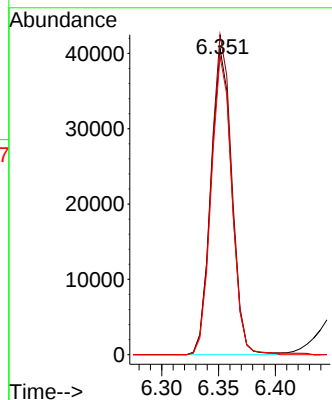
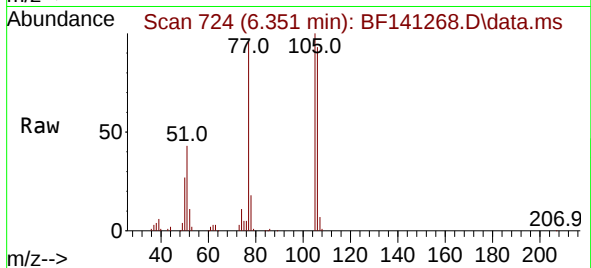
Tgt Ion: 77 Resp: 51704

Ion Ratio Lower Upper

77 100

105 104.5 78.9 118.9

106 97.4 73.6 113.6



#10

Phenol

Concen: 40.578 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF141268.D

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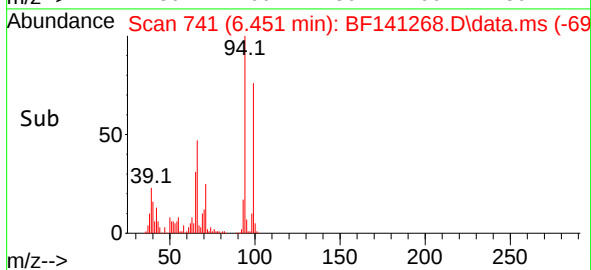
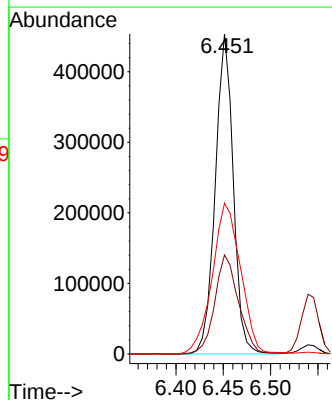
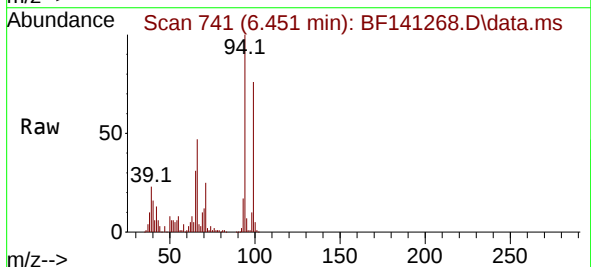
Tgt Ion: 94 Resp: 598915

Ion Ratio Lower Upper

94 100

65 31.0 8.9 48.9

66 47.1 21.2 61.2

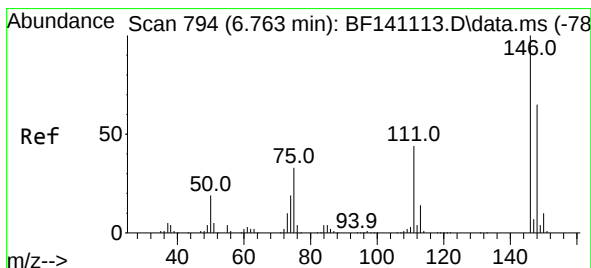
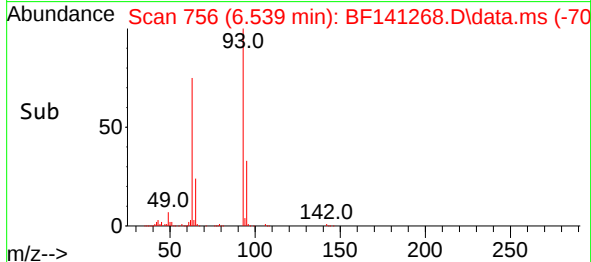
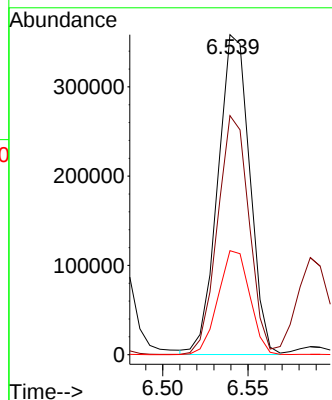
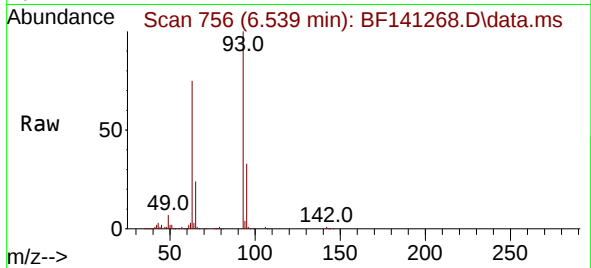




#11
bis(2-Chloroethyl)ether
Concen: 42.446 ng
RT: 6.539 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

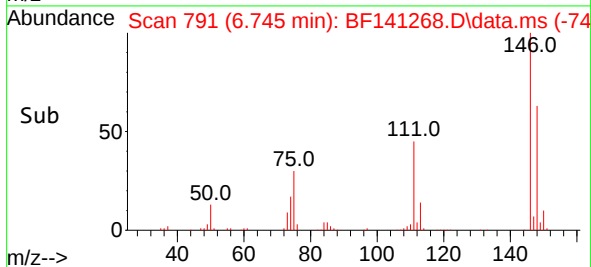
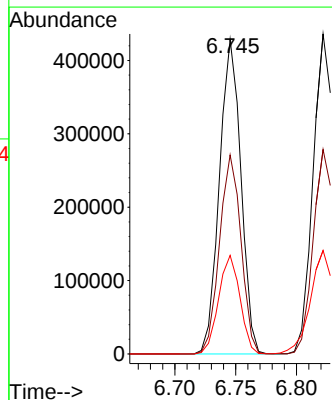
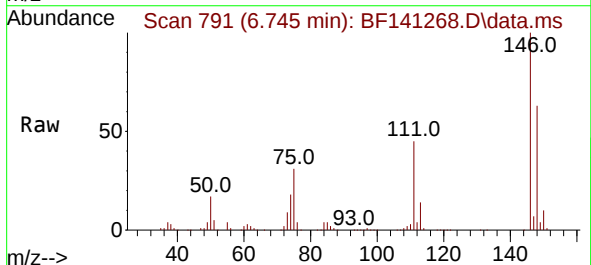
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion: 93 Resp: 466882
Ion Ratio Lower Upper
93 100
63 74.7 58.0 98.0
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 40.426 ng
RT: 6.745 min Scan# 791
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

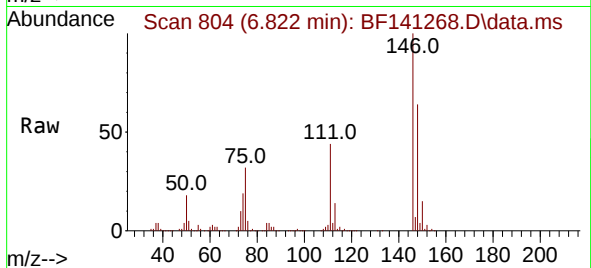
Tgt Ion:146 Resp: 526543
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
75 31.3 26.2 39.2



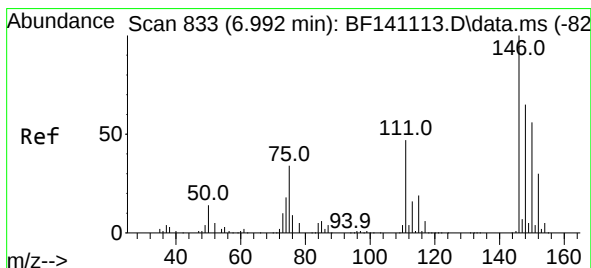
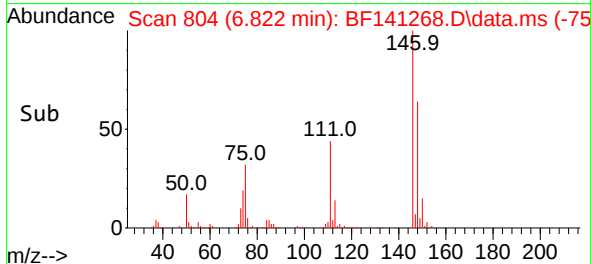
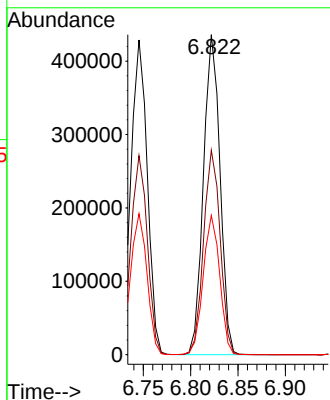


#13
1,4-Dichlorobenzene
Concen: 40.496 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166258BS

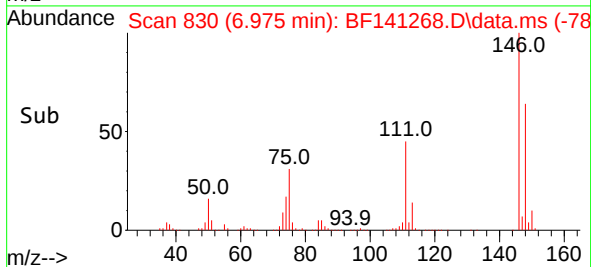
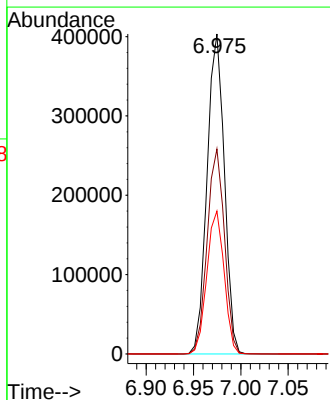
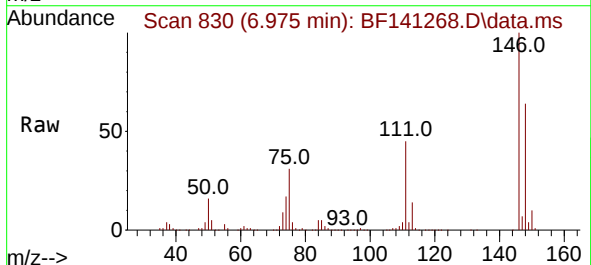


Tgt Ion:146 Resp: 531522
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 43.5 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 41.784 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:146 Resp: 511567
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.4
111 44.7 37.5 56.3

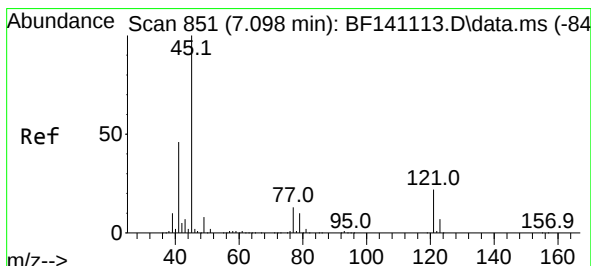
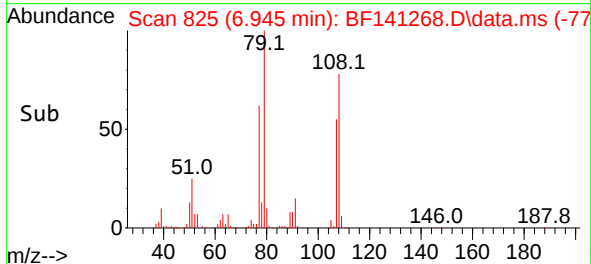
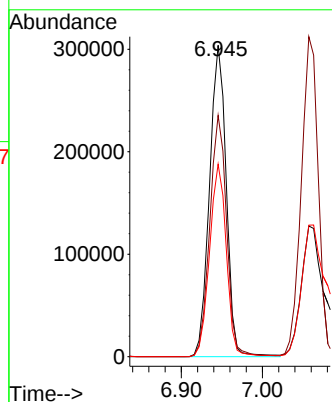
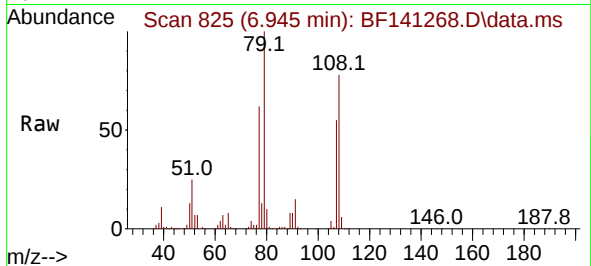




#15
Benzyl Alcohol
Concen: 43.718 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

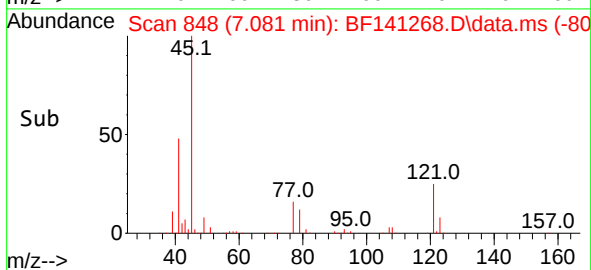
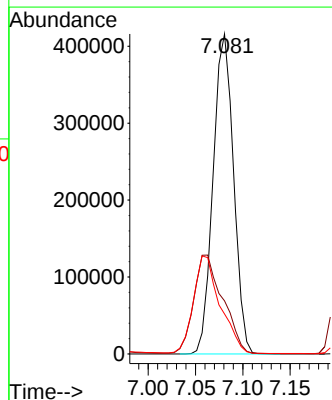
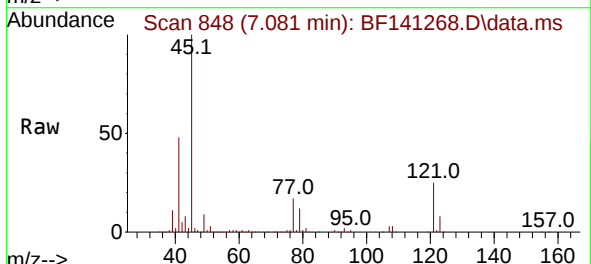
Instrument :
BNA_F
ClientSampleId :
PB166258BS

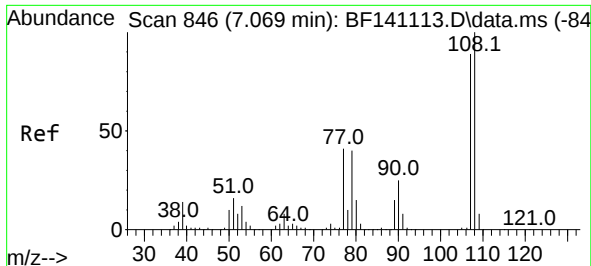
Tgt Ion: 79 Resp: 435312
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 61.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.628 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

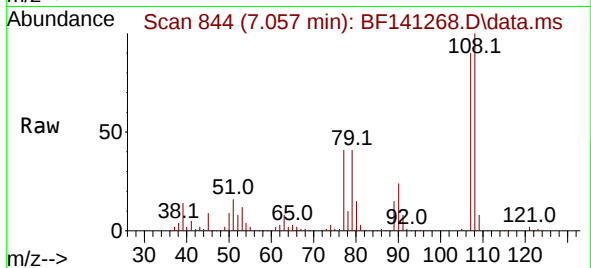
Tgt Ion: 45 Resp: 623604
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.1
79 12.5 0.0 31.0



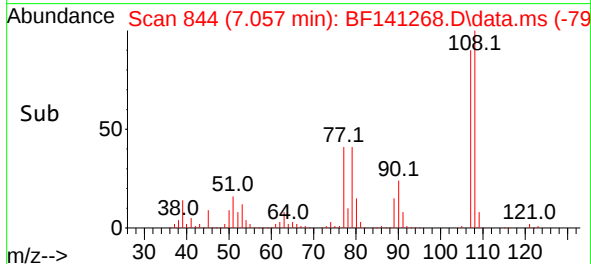
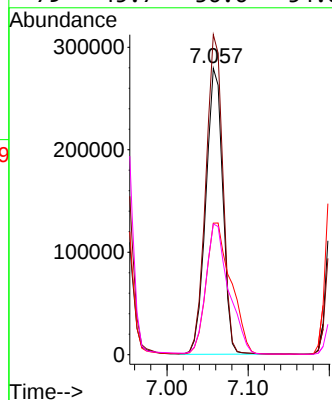


#17
2-Methylphenol
Concen: 42.865 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166258BS

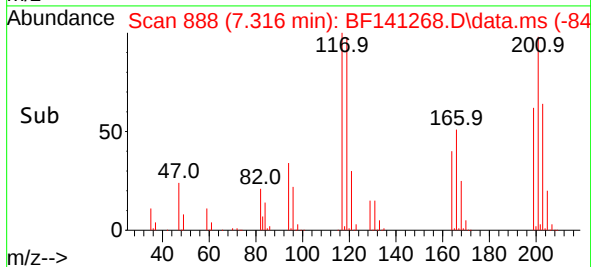
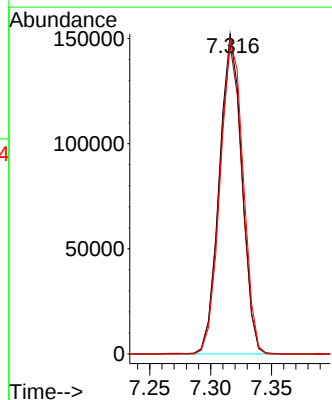
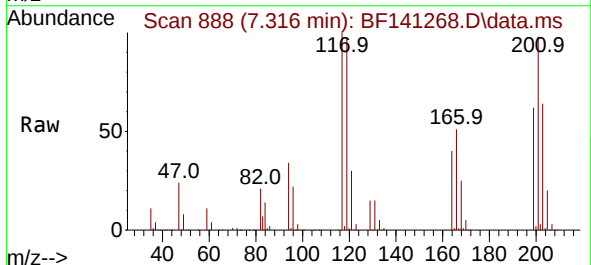


Tgt Ion:	107	Resp:	404140
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.1	135.1
77	45.9	36.6	55.0
79	45.7	36.6	54.8



#18
Hexachloroethane
Concen: 41.362 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:	117	Resp:	196321
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.6	116.4
201	98.4	75.1	112.7

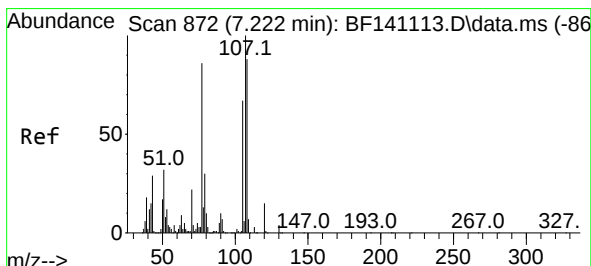
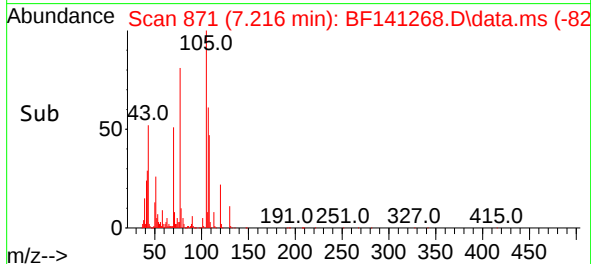
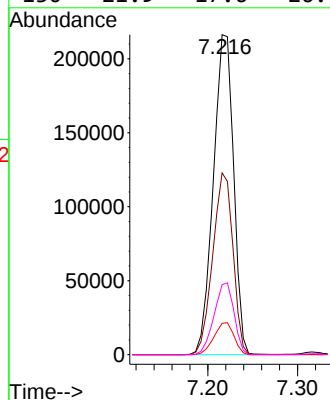
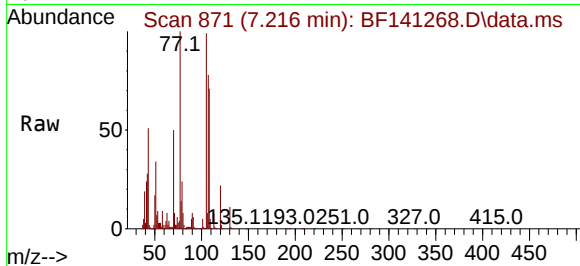




#19
n-Nitroso-di-n-propylamine
Concen: 41.800 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

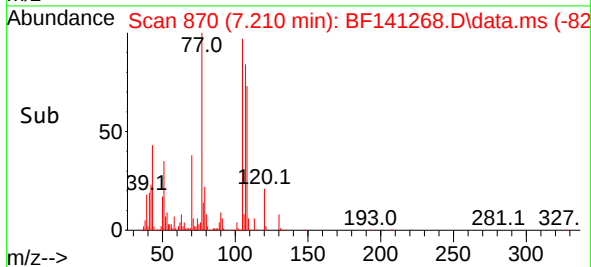
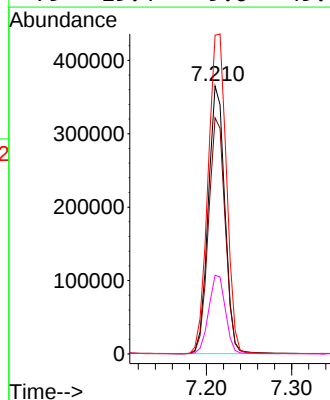
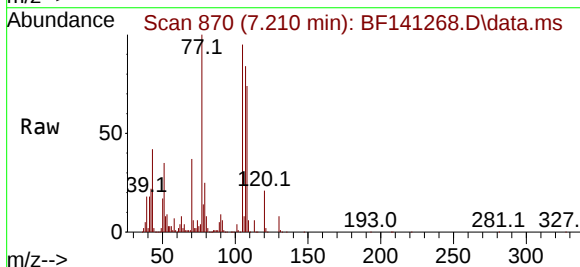
Instrument :
BNA_F
ClientSampleId :
PB166258BS

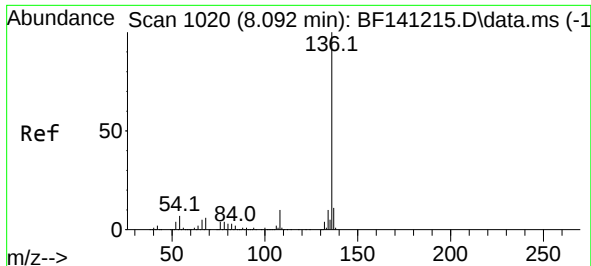
Tgt Ion: 70 Resp: 339504
Ion Ratio Lower Upper
70 100
42 56.8 47.8 71.6
101 9.8 7.9 11.9
130 21.9 17.6 26.4



#20
3+4-Methylphenols
Concen: 41.325 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

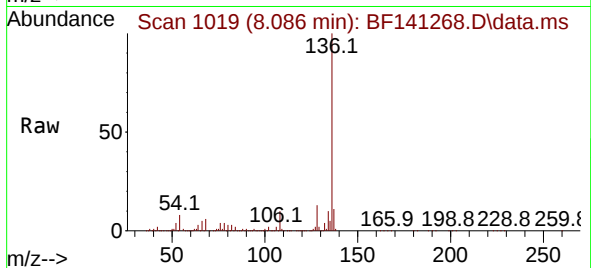
Tgt Ion: 107 Resp: 491551
Ion Ratio Lower Upper
107 100
108 88.1 68.3 108.3
77 119.0 66.4 106.4#
79 29.4 9.6 49.6





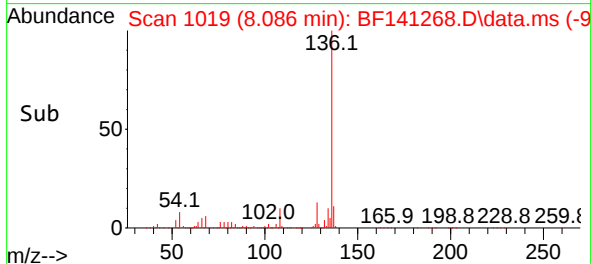
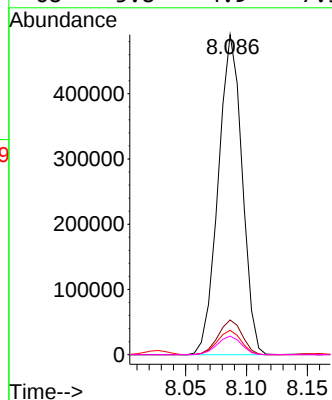
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166258BS



Tgt Ion:136 Resp: 669601

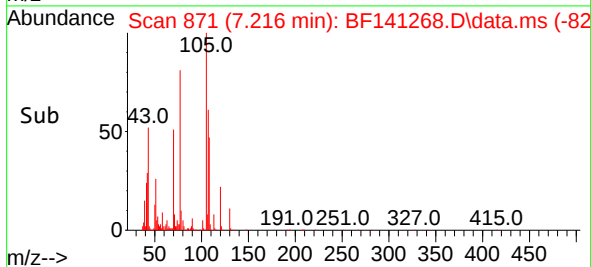
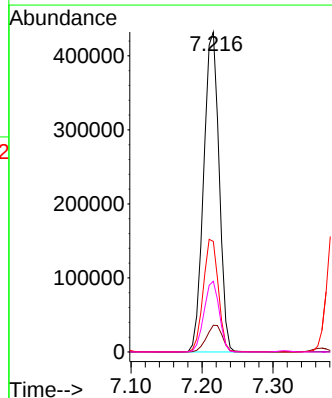
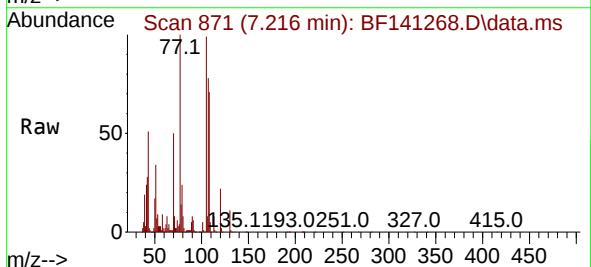
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.3	9.5
68	5.8	4.9	7.3

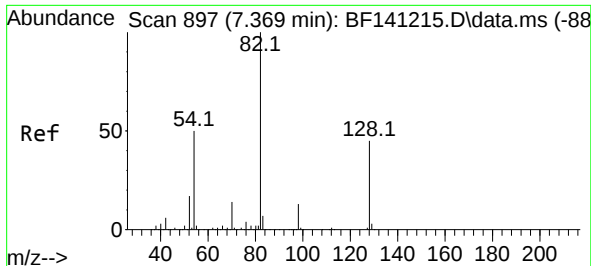


#22
Acetophenone
Concen: 41.129 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:105 Resp: 654699

Ion	Ratio	Lower	Upper
105	100		
71	8.3	7.1	10.7
51	34.6	25.4	38.2
120	22.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 78.698 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

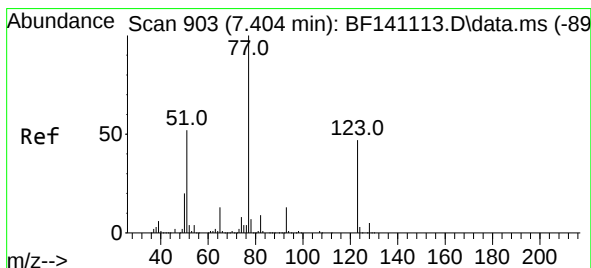
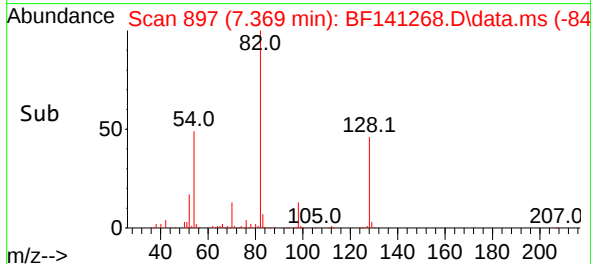
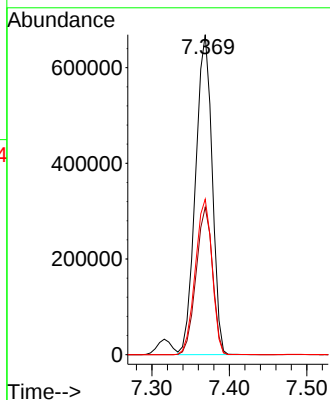
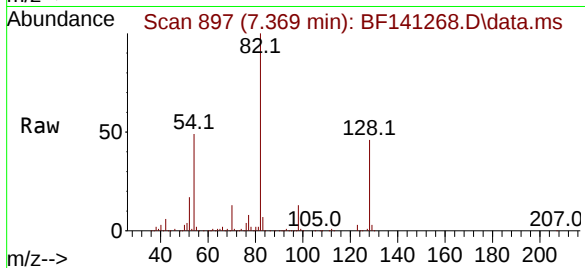
Tgt Ion: 82 Resp: 994112

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

54 48.6 41.0 61.4



#24

Nitrobenzene

Concen: 39.014 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.018 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

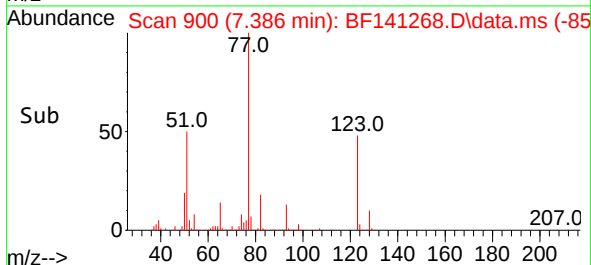
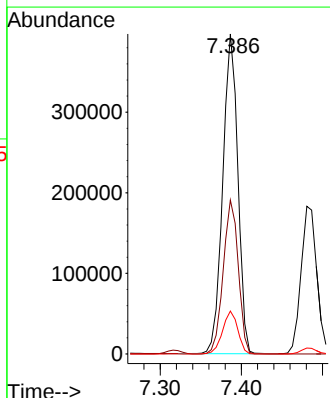
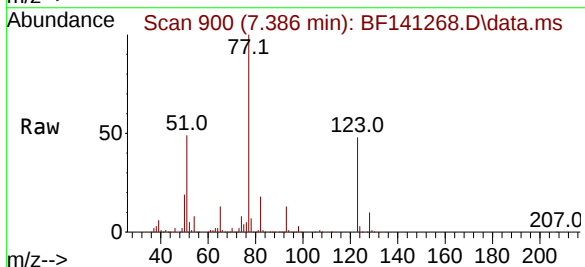
Tgt Ion: 77 Resp: 513630

Ion Ratio Lower Upper

77 100

123 48.1 37.7 56.5

65 13.4 10.6 16.0

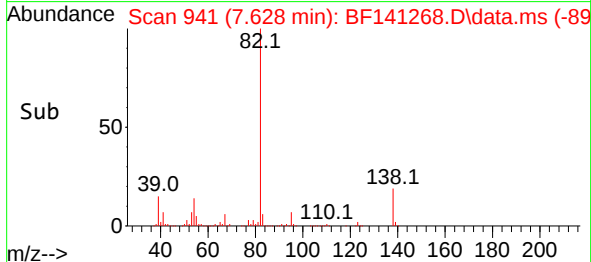
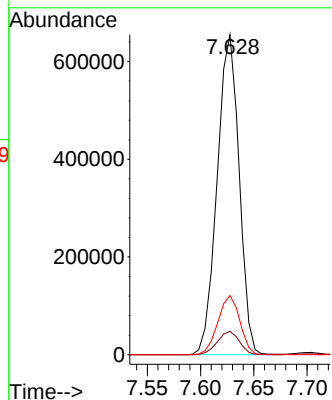
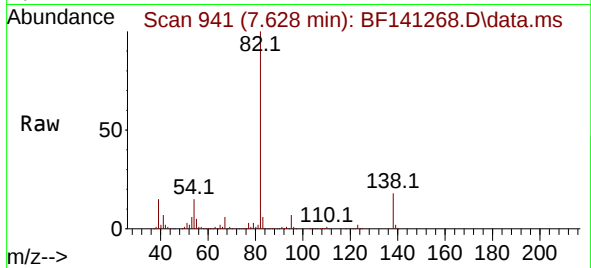




#25
Isophorone
Concen: 43.484 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

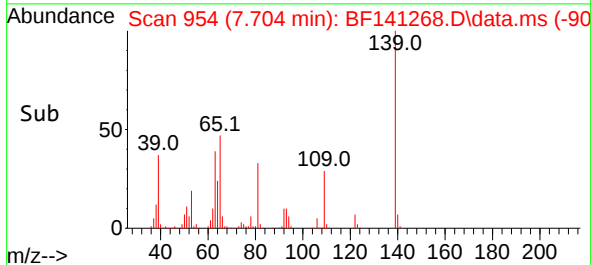
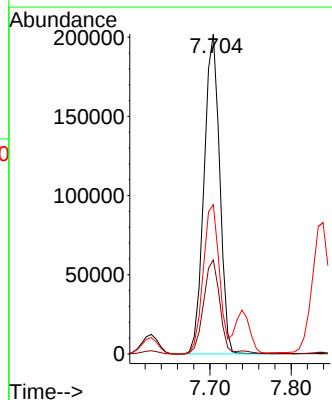
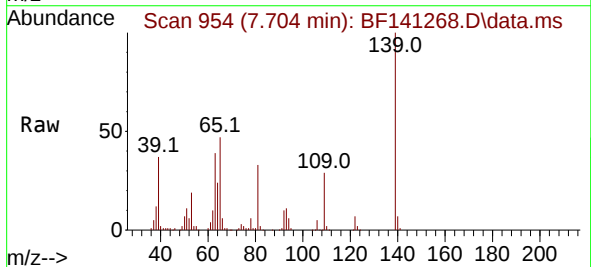
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion: 82 Resp: 938703
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 18.5 14.2 21.2



#26
2-Nitrophenol
Concen: 45.103 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:139 Resp: 270109
Ion Ratio Lower Upper
139 100
109 29.4 23.8 35.6
65 46.7 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 50.831 ng

RT: 7.739 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

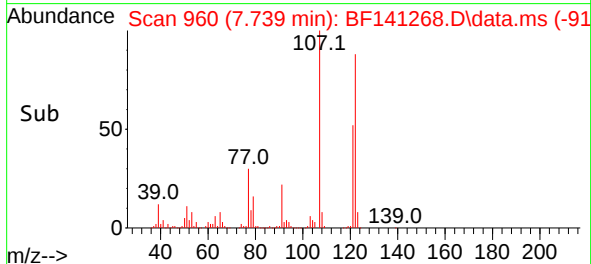
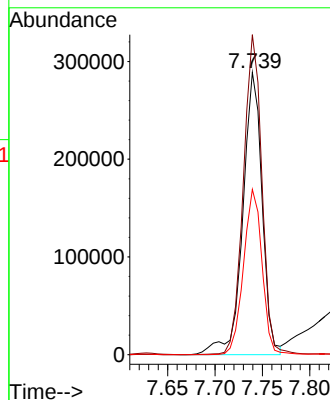
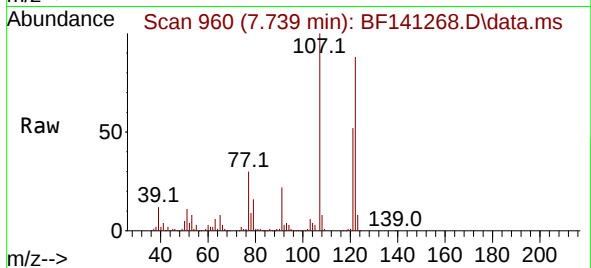
Tgt Ion:122 Resp: 410605

Ion Ratio Lower Upper

122 100

107 113.4 90.3 135.5

121 58.6 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 42.213 ng

RT: 7.839 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

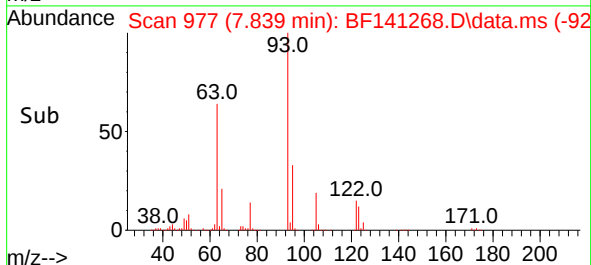
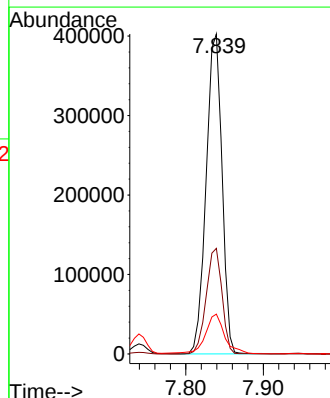
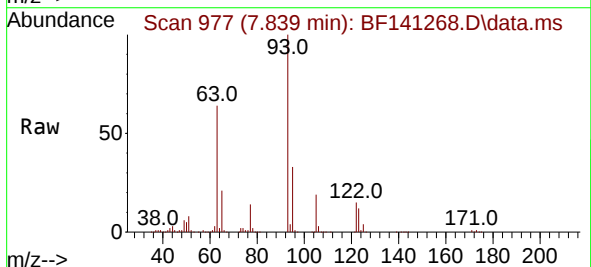
Tgt Ion: 93 Resp: 571893

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 12.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 43.495 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

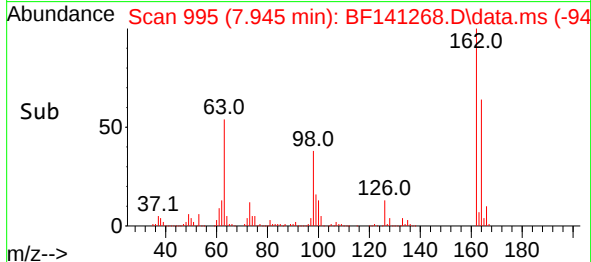
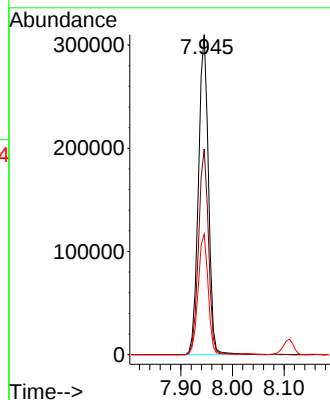
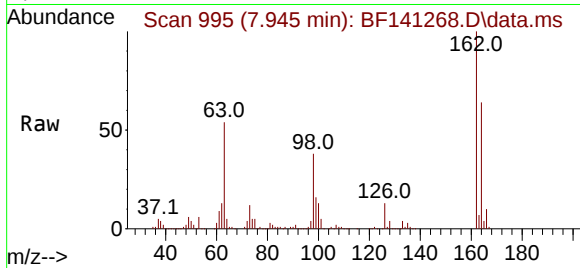
Tgt Ion:162 Resp: 417278

Ion Ratio Lower Upper

162 100

164 64.2 44.5 84.5

98 37.6 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 40.654 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

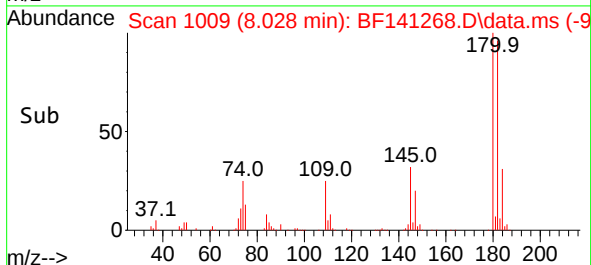
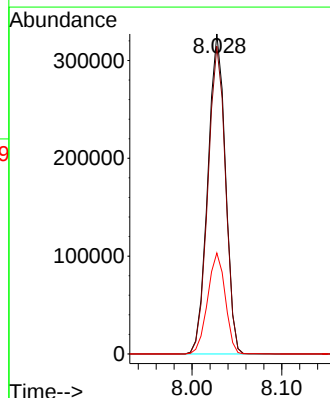
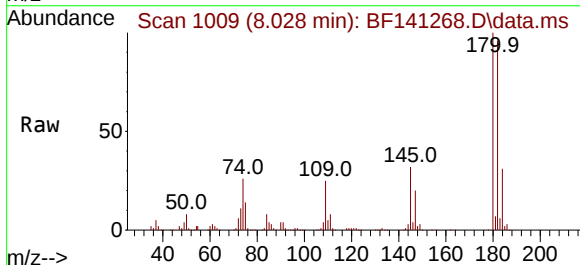
Tgt Ion:180 Resp: 445813

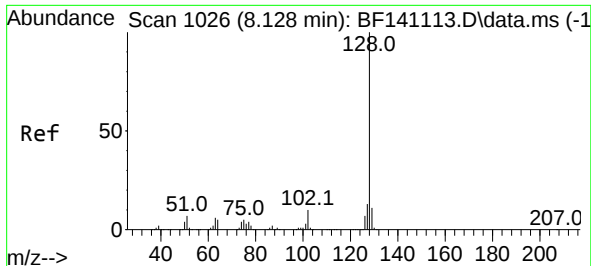
Ion Ratio Lower Upper

180 100

182 96.2 76.2 114.2

145 31.6 25.3 37.9

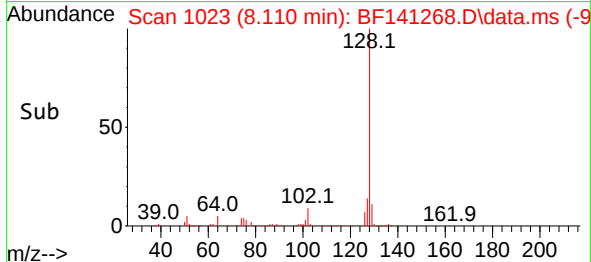
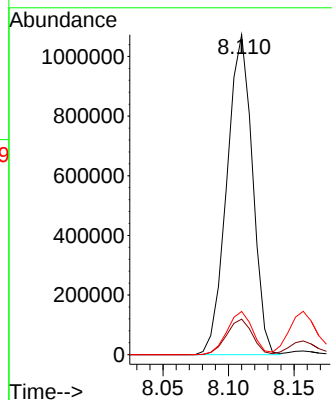
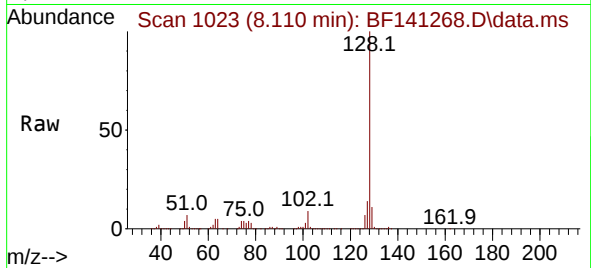




#31
Naphthalene
Concen: 41.281 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

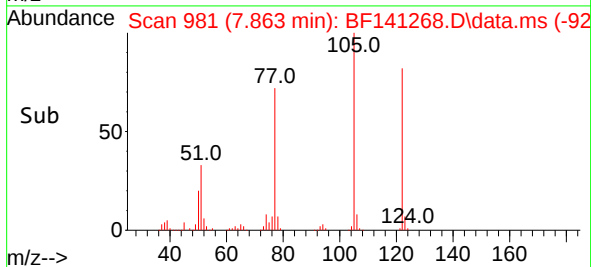
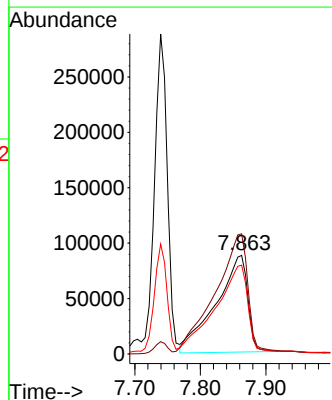
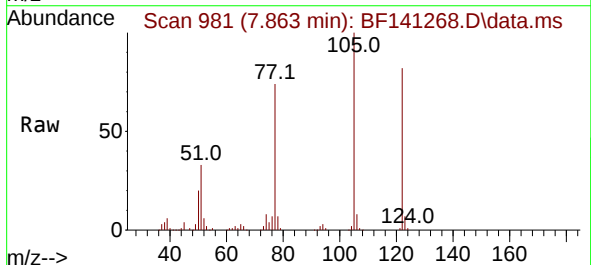
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion:128 Resp: 1457723
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 38.074 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:122 Resp: 295030
Ion Ratio Lower Upper
122 100
105 121.9 105.5 145.5
77 90.0 75.1 115.1

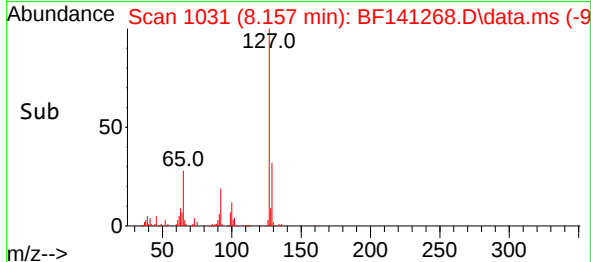
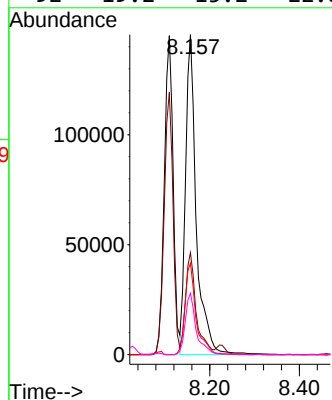
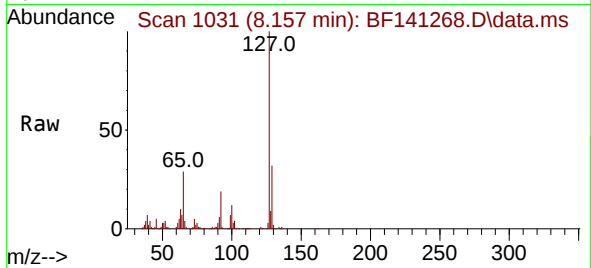




#33
4-Chloroaniline
Concen: 19.966 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

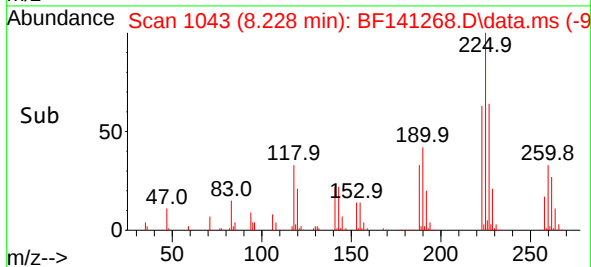
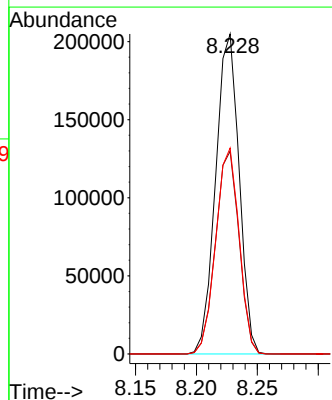
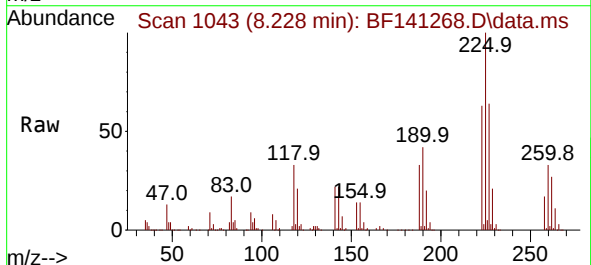
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion:127	Resp: 243832
Ion Ratio	Lower Upper
127 100	
129 31.9	25.9 38.9
65 28.6	23.8 35.8
92 19.2	15.2 22.8



#34
Hexachlorobutadiene
Concen: 41.510 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:225	Resp: 274285
Ion Ratio	Lower Upper
225 100	
223 63.4	50.6 76.0
227 64.4	51.6 77.4

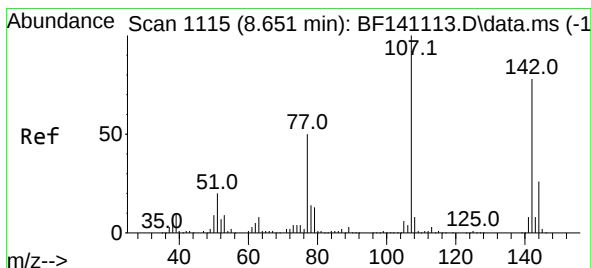
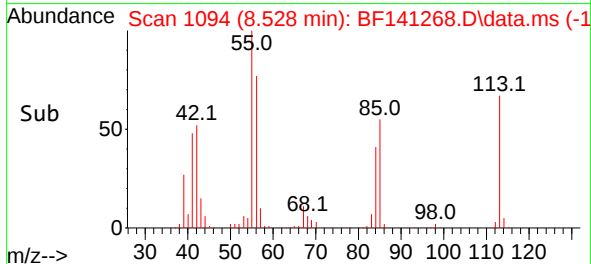
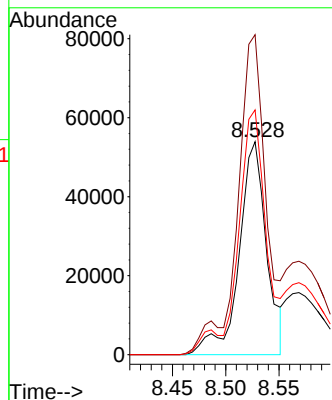
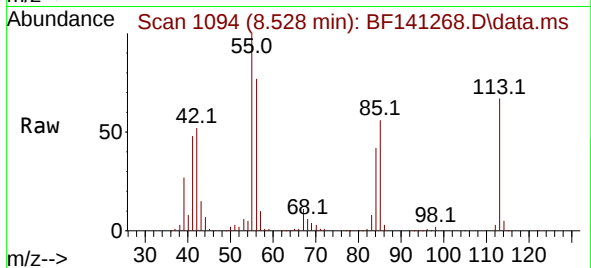




#35
Caprolactam
Concen: 30.825 ng
RT: 8.528 min Scan# 1109
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

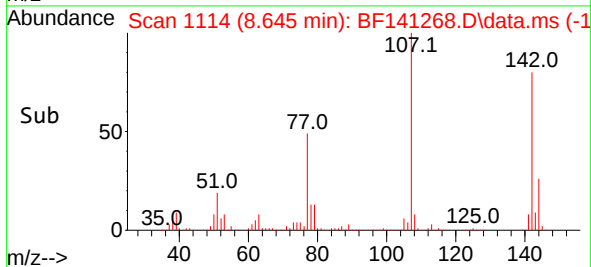
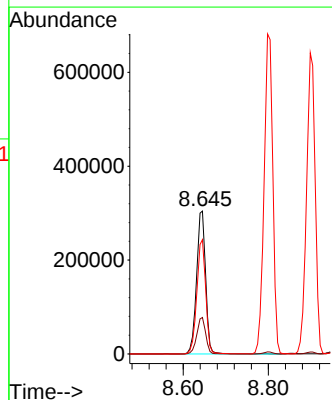
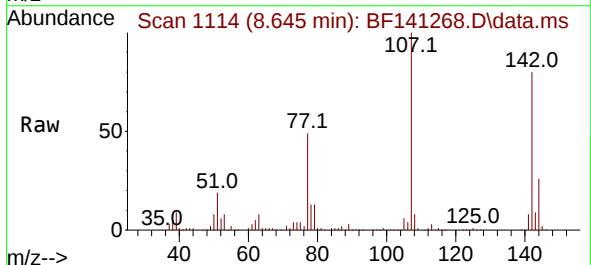
Instrument :
BNA_F
ClientSampleId :
PB166258BS

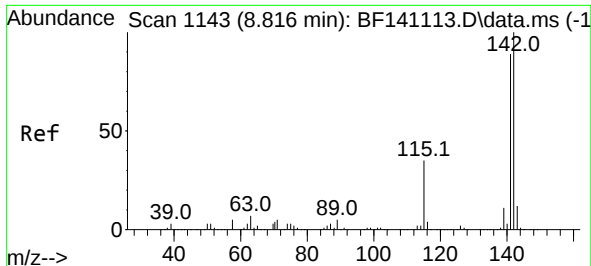
Tgt Ion:113 Resp: 96818
Ion Ratio Lower Upper
113 100
55 150.2 139.7 179.7
56 115.0 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 42.748 ng
RT: 8.645 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:107 Resp: 448519
Ion Ratio Lower Upper
107 100
144 25.6 20.4 30.6
142 80.0 62.2 93.2





#37

2-Methylnaphthalene

Concen: 42.848 ng

RT: 8.798 min Scan# 1140

Delta R.T. -0.018 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

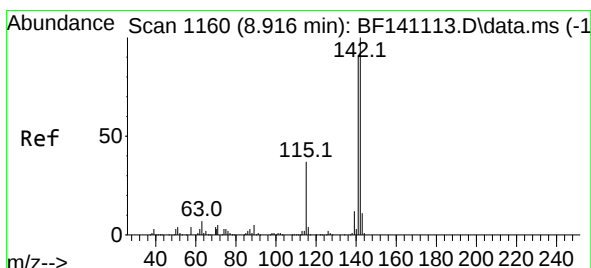
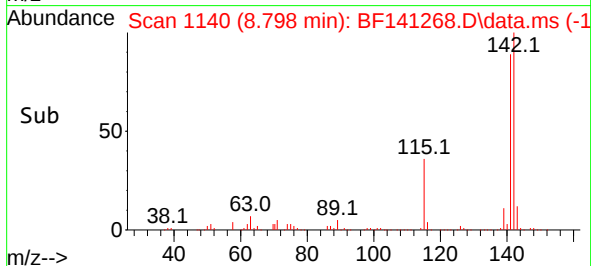
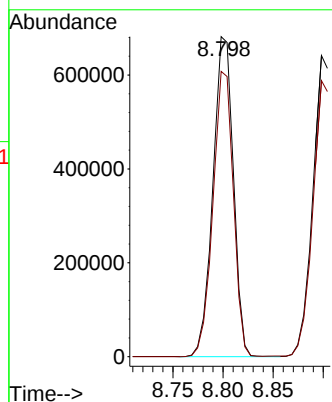
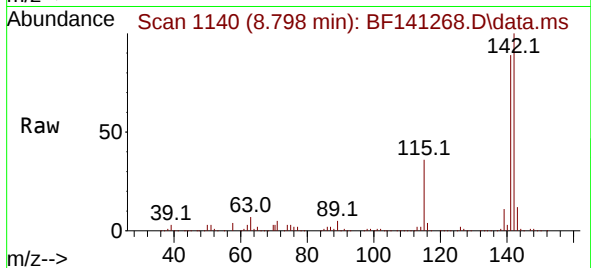
PB166258BS

Tgt Ion:142 Resp: 964166

Ion Ratio Lower Upper

142 100

141 89.1 71.3 106.9



#38

1-Methylnaphthalene

Concen: 40.622 ng

RT: 8.898 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BF141268.D

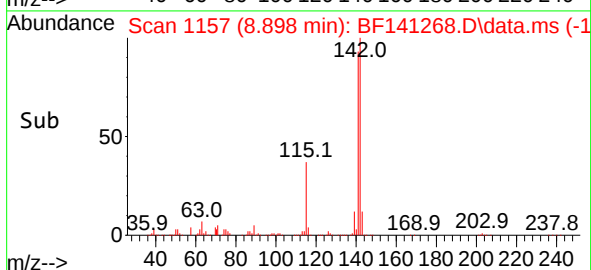
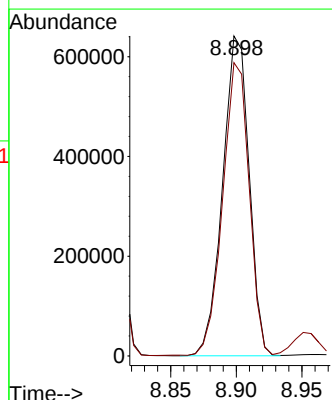
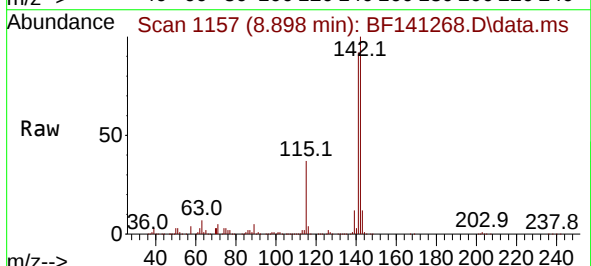
Acq: 27 Jan 2025 13:13

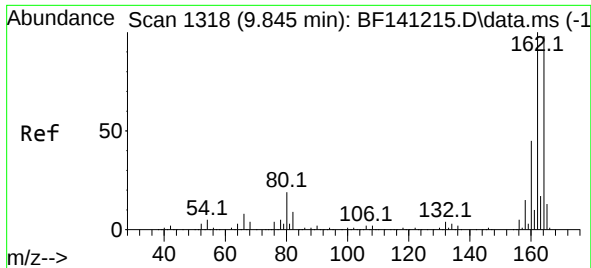
Tgt Ion:142 Resp: 900864

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7

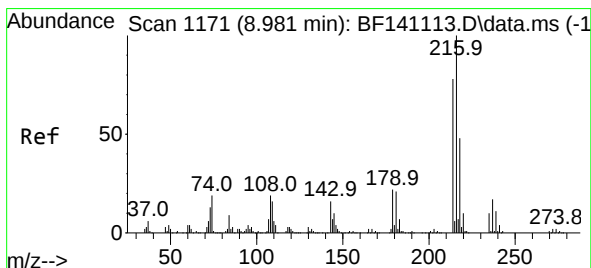
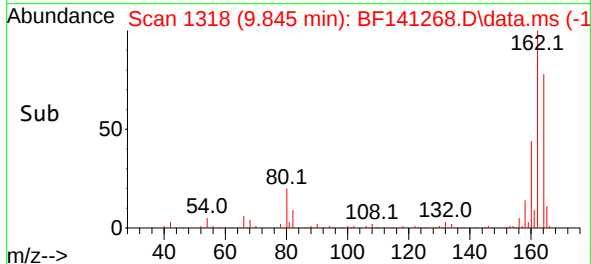
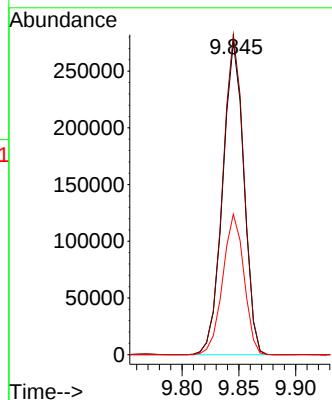
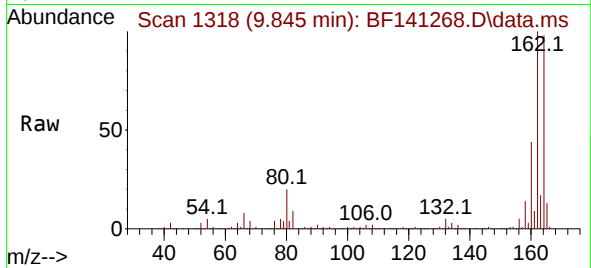




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

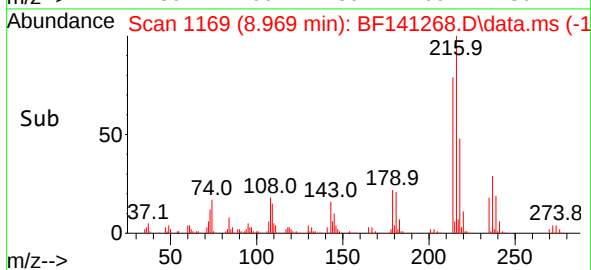
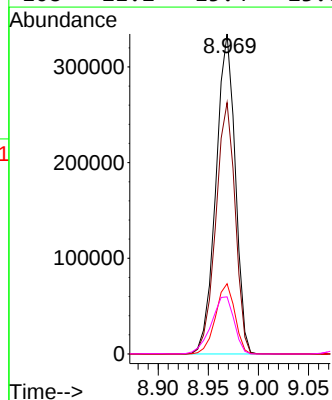
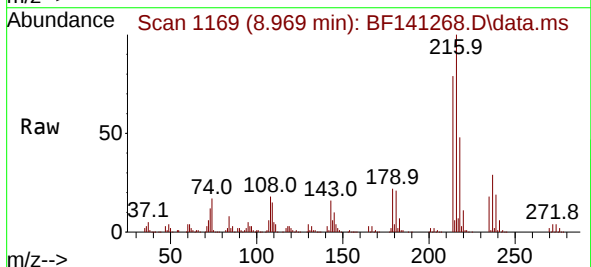
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion:164 Resp: 357856
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 45.0 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.656 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:216 Resp: 448400
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 21.9 17.7 26.5
108 21.2 15.4 23.0

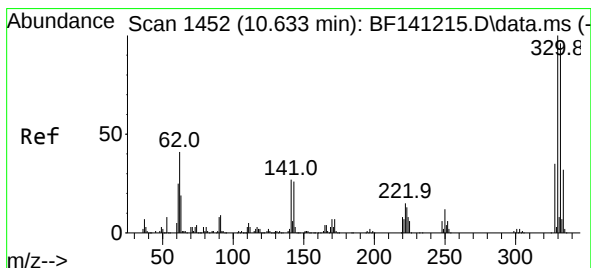
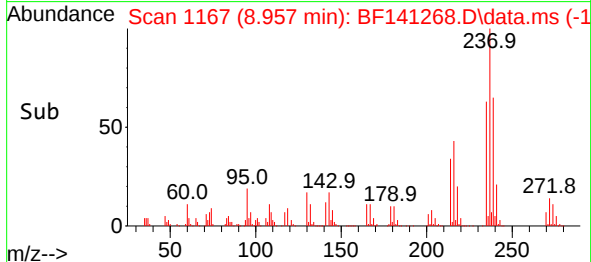
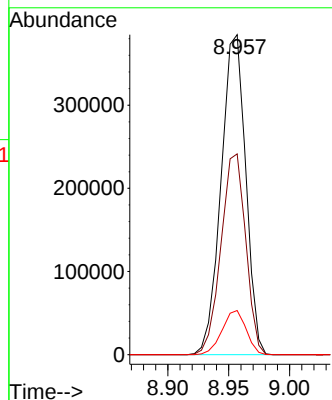
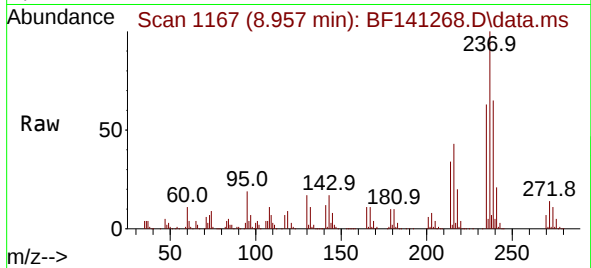




#41
Hexachlorocyclopentadiene
Concen: 161.303 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

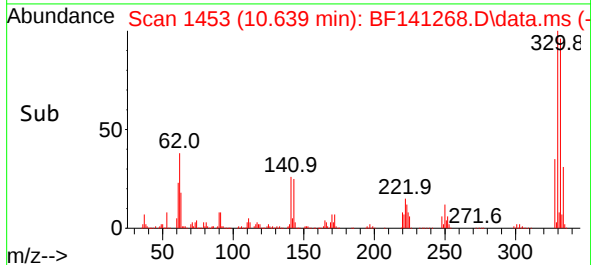
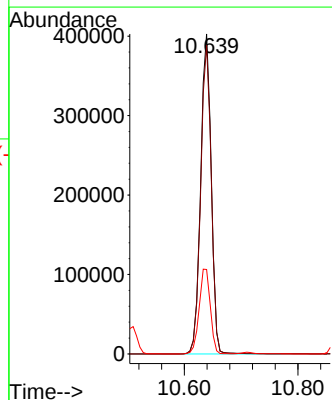
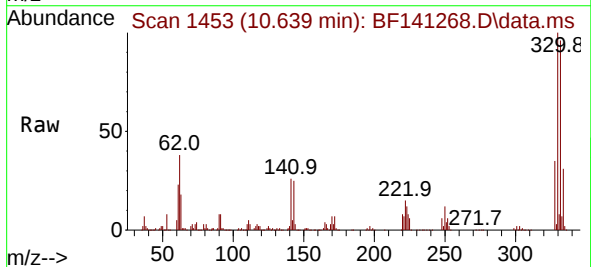
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion:237 Resp: 542040
Ion Ratio Lower Upper
237 100
235 62.7 43.0 83.0
272 13.8 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 128.034 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:330 Resp: 522062
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 28.0 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 45.632 ng

RT: 9.080 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

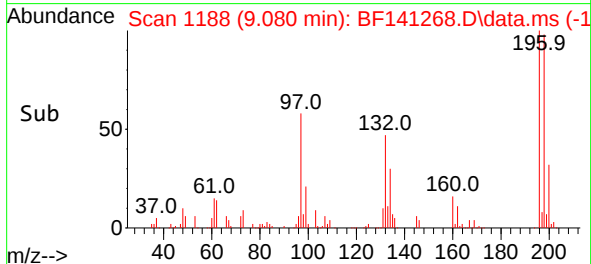
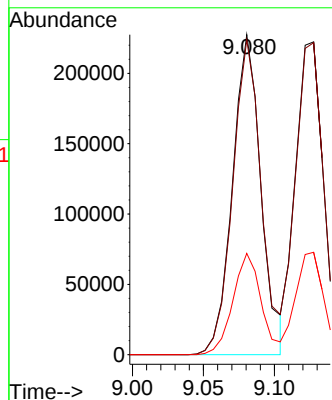
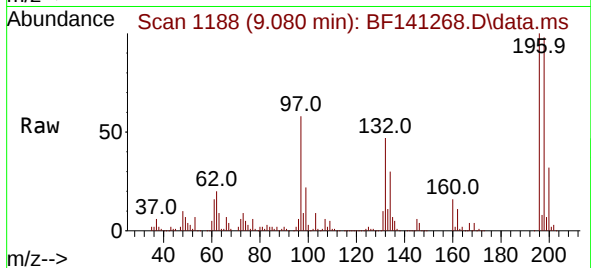
Tgt Ion:196 Resp: 316106

Ion Ratio Lower Upper

196 100

198 98.4 80.8 121.2

200 31.7 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 41.751 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Tgt Ion:196 Resp: 305452

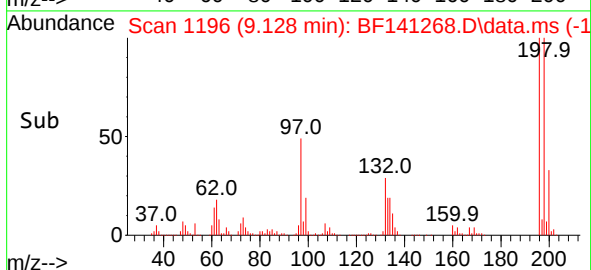
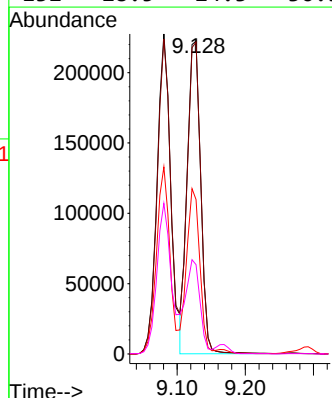
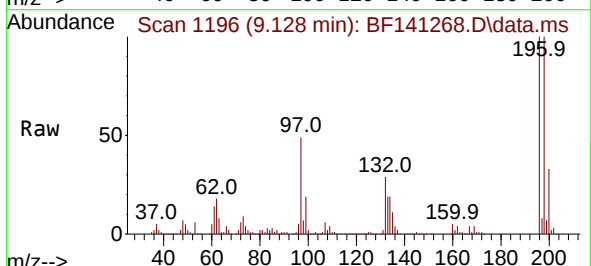
Ion Ratio Lower Upper

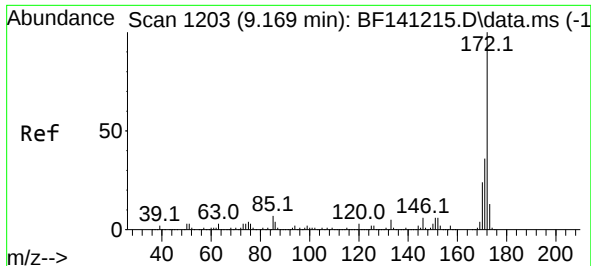
196 100

198 99.8 80.6 120.8

97 49.4 43.1 64.7

132 28.5 24.3 36.5

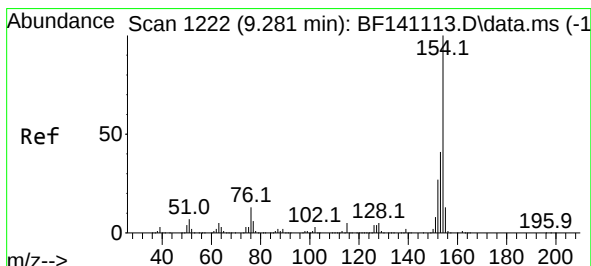
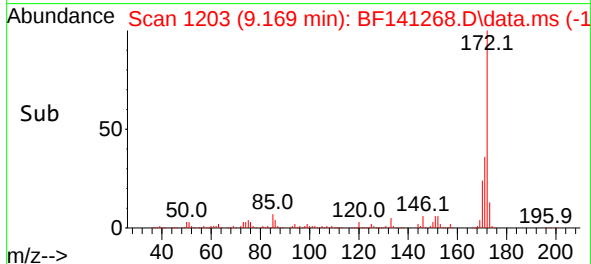
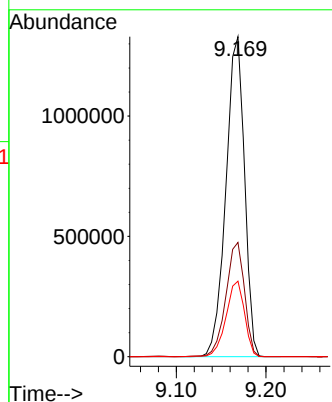
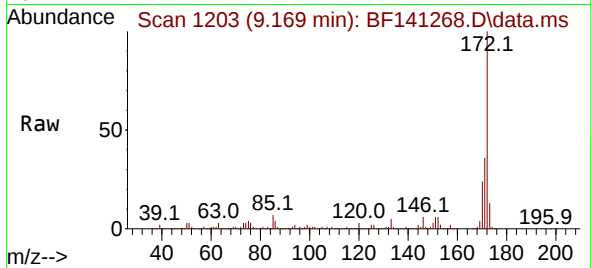




#45
2-Fluorobiphenyl
Concen: 81.633 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

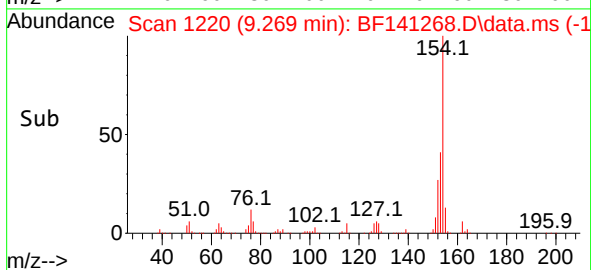
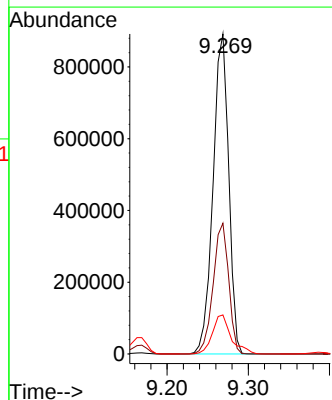
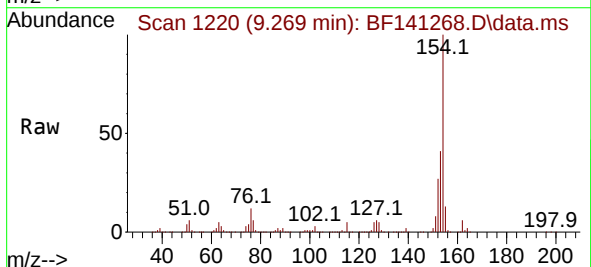
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion:172 Resp: 1913041
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: 42.921 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:154 Resp: 1192818
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.2 0.0 33.1

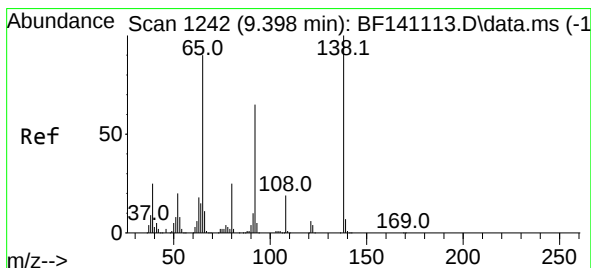
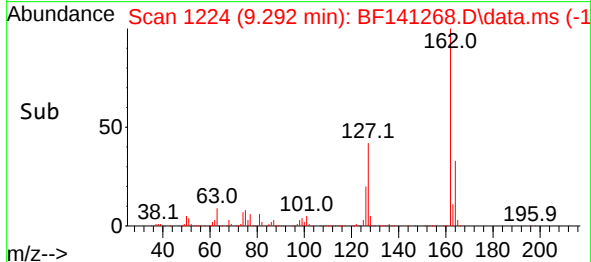
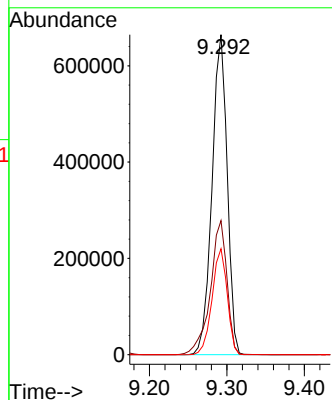
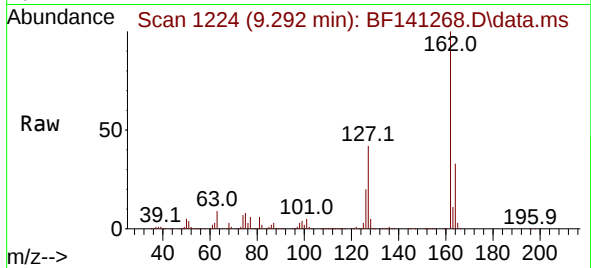




#47
2-Chloronaphthalene
Concen: 41.670 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

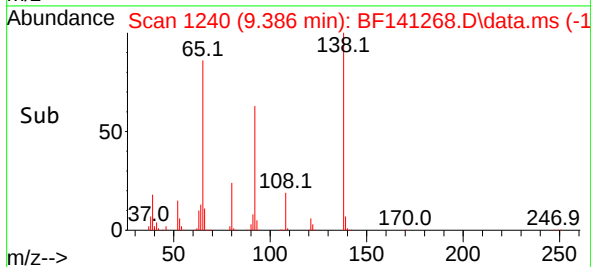
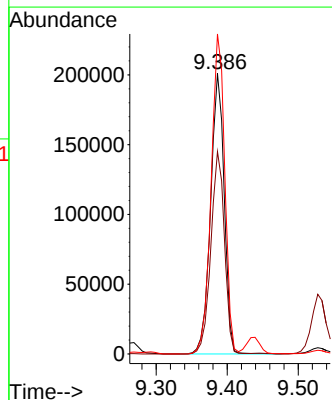
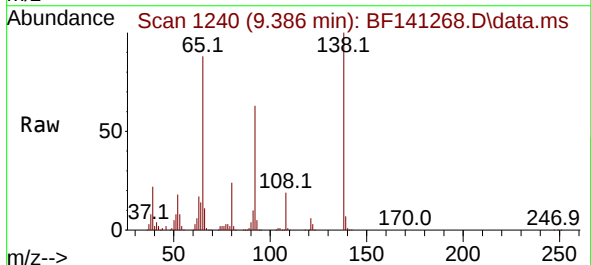
Instrument :
BNA_F
ClientSampleId :
PB166258BS

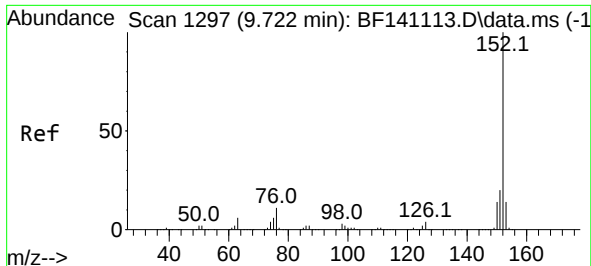
Tgt Ion:162 Resp: 901978
Ion Ratio Lower Upper
162 100
127 41.9 34.6 51.8
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 41.876 ng
RT: 9.386 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion: 65 Resp: 268698
Ion Ratio Lower Upper
65 100
92 72.2 58.3 87.5
138 114.1 89.1 133.7





#49

Acenaphthylene

Concen: 44.759 ng

RT: 9.710 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

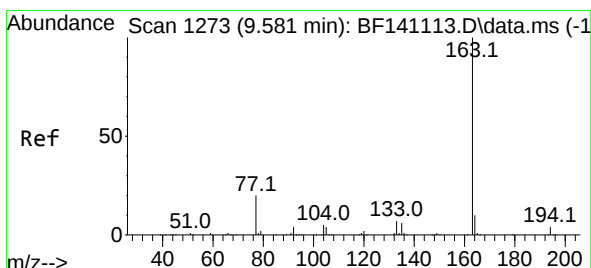
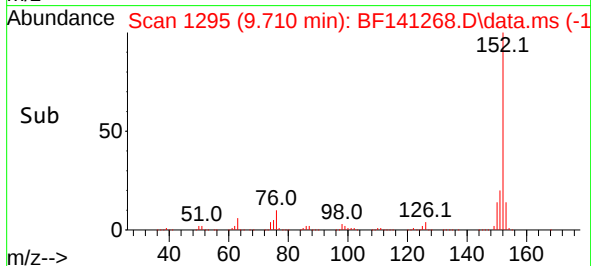
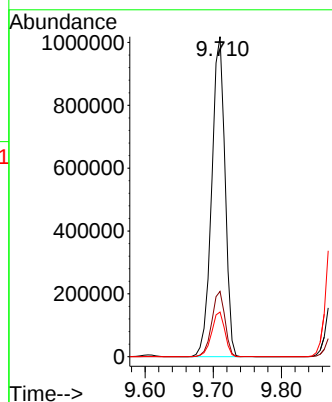
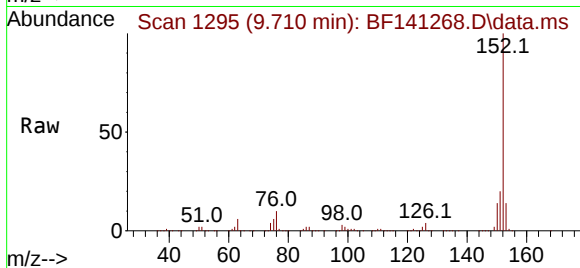
Tgt Ion:152 Resp: 1384180

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 43.598 ng

RT: 9.569 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

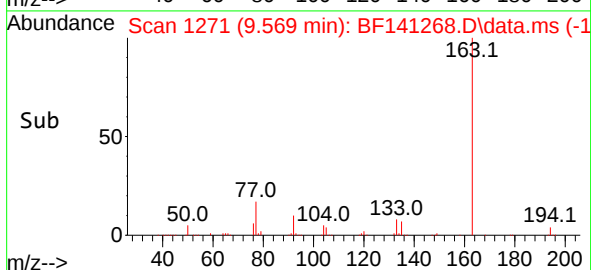
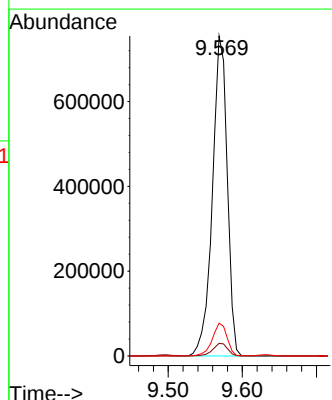
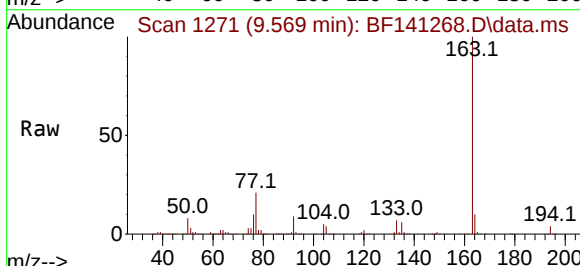
Tgt Ion:163 Resp: 1047412

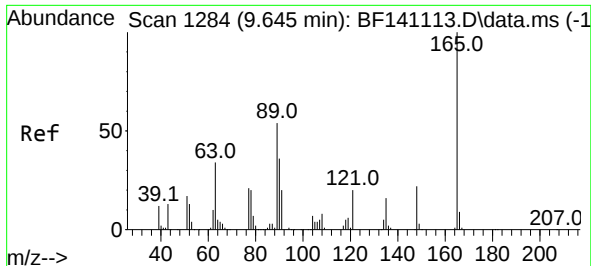
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.3 8.2 12.4

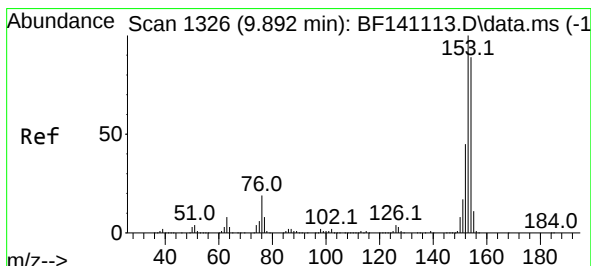
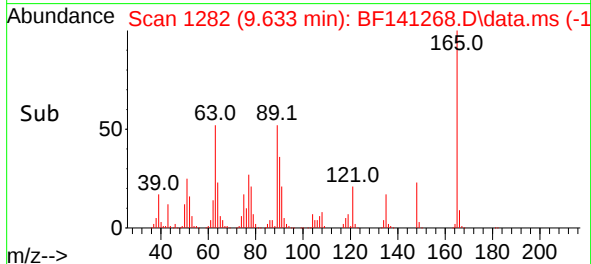
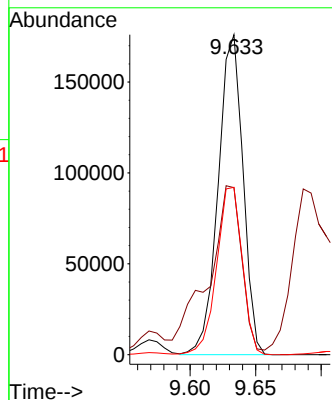
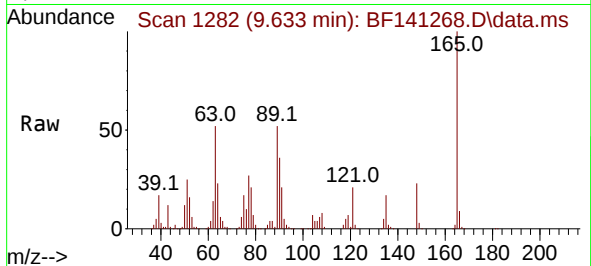




#51
2,6-Dinitrotoluene
Concen: 41.465 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

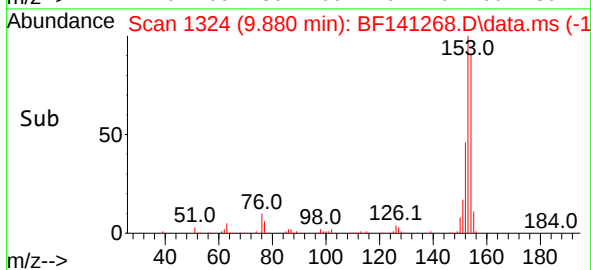
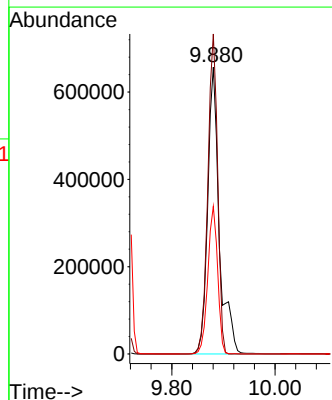
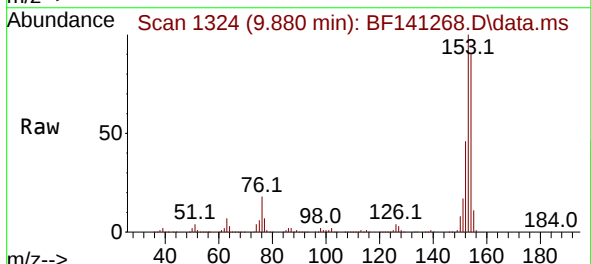
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion:165 Resp: 231654
Ion Ratio Lower Upper
165 100
63 52.2 42.3 63.5
89 52.3 43.1 64.7



#52
Acenaphthene
Concen: 47.512 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:154 Resp: 1026550
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.6
152 51.4 40.8 61.2

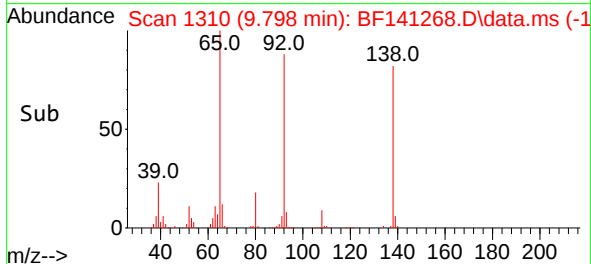
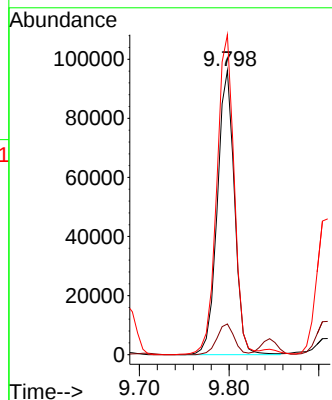
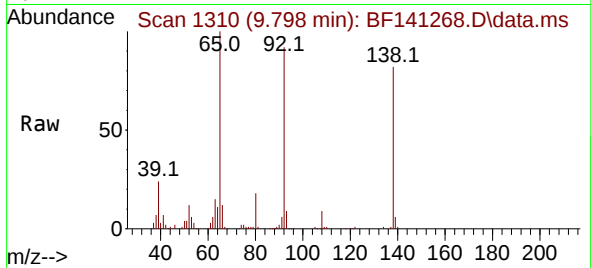




#53
3-Nitroaniline
Concen: 22.537 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

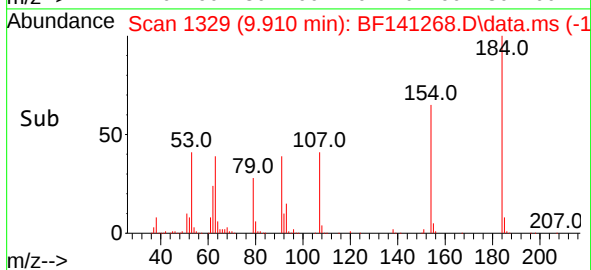
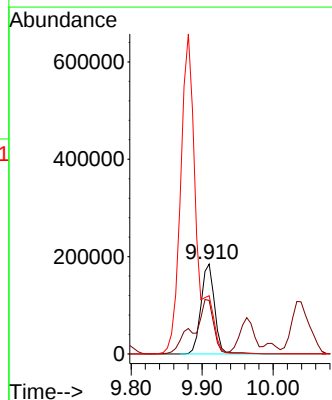
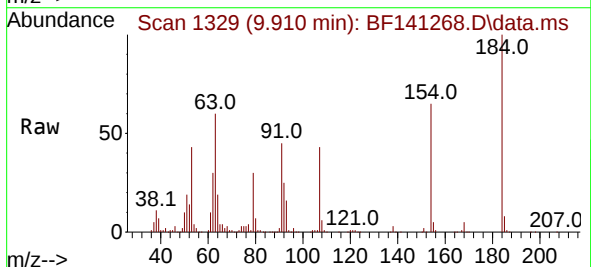
Instrument :
BNA_F
ClientSampleId :
PB166258BS

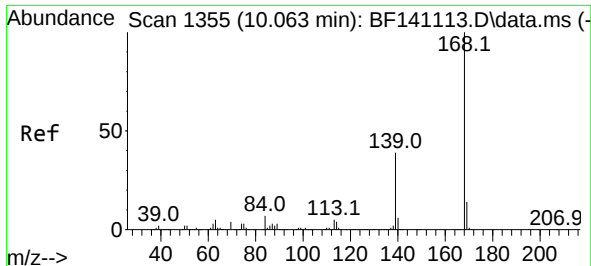
Tgt Ion:138 Resp: 127950
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 112.6 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 93.063 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:184 Resp: 247128
Ion Ratio Lower Upper
184 100
63 59.5 48.7 73.1
154 64.8 57.1 85.7

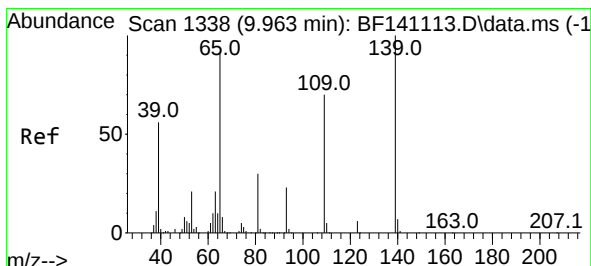
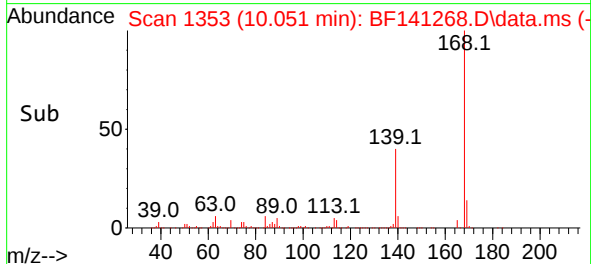
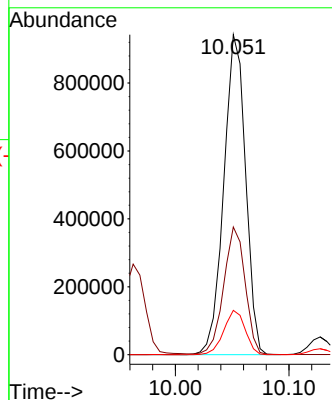
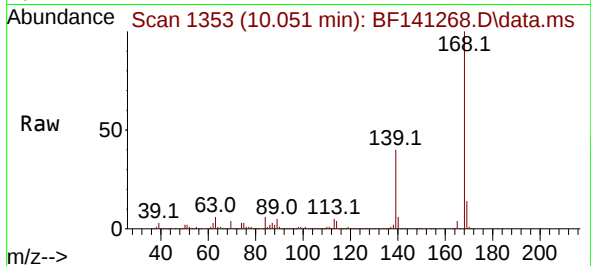




#55
Dibenzenofuran
Concen: 42.724 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

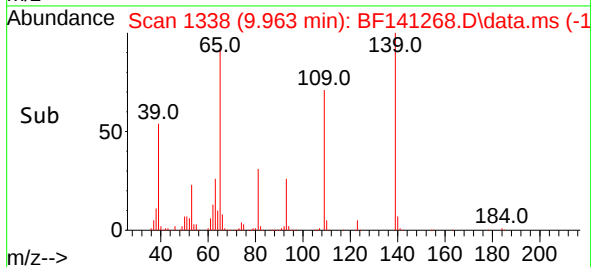
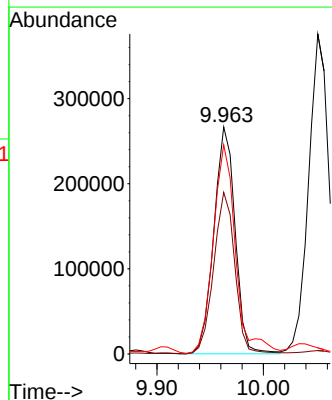
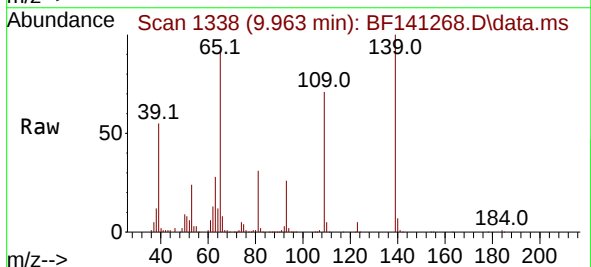
Instrument :
BNA_F
ClientSampleId :
PB166258BS

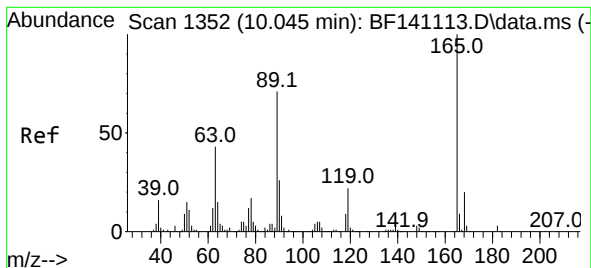
Tgt Ion:168 Resp: 1255580
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.0
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 82.792 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:139 Resp: 368115
Ion Ratio Lower Upper
139 100
109 71.2 50.2 90.2
65 92.1 72.1 112.1

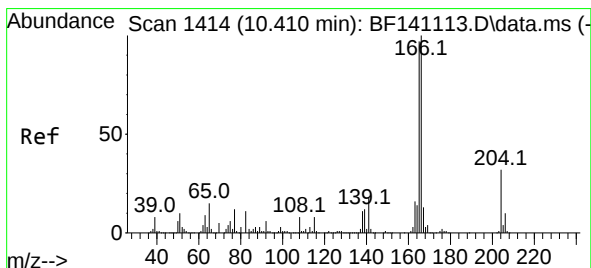
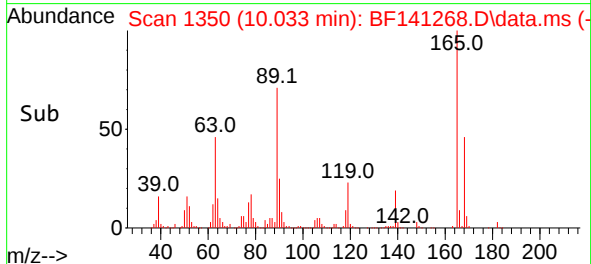
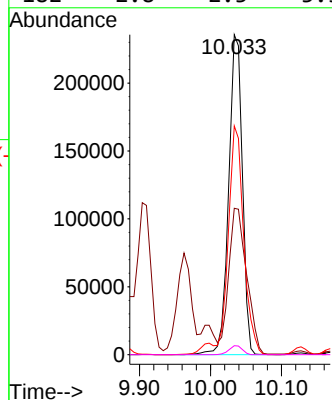
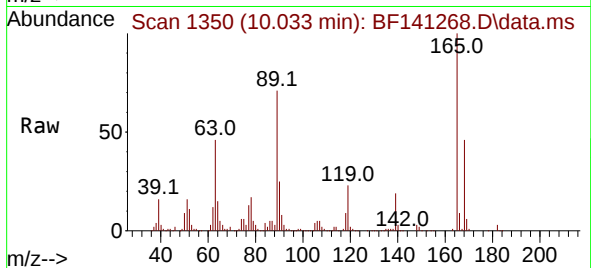




#57
2,4-Dinitrotoluene
Concen: 43.809 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

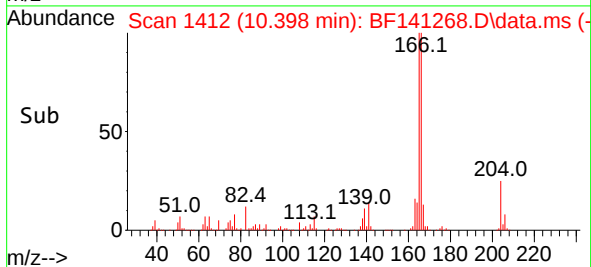
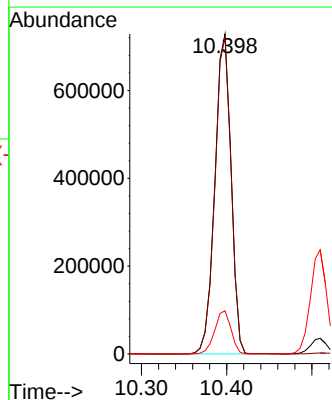
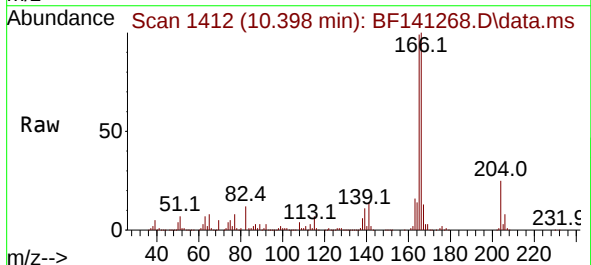
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion:165 Resp: 315417
Ion Ratio Lower Upper
165 100
63 45.8 35.0 52.4
89 71.5 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 42.177 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:166 Resp: 962974
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.8
167 13.5 10.8 16.2

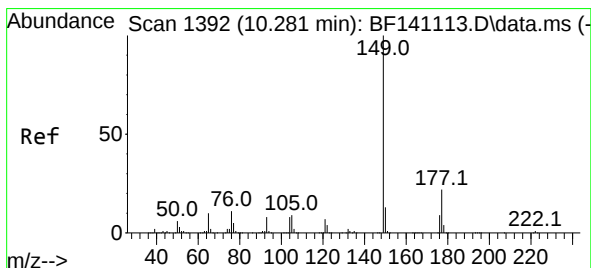
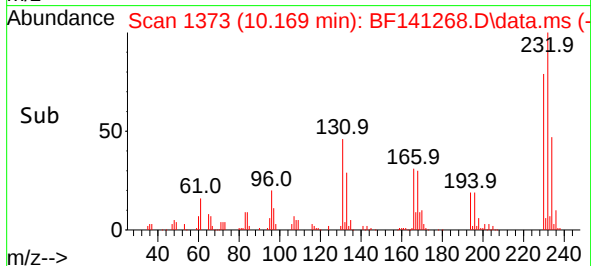
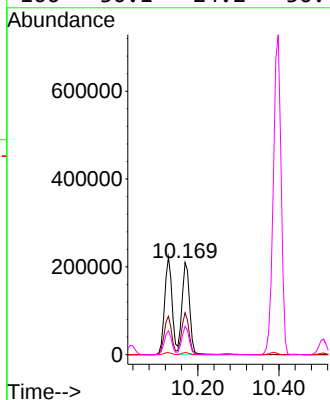
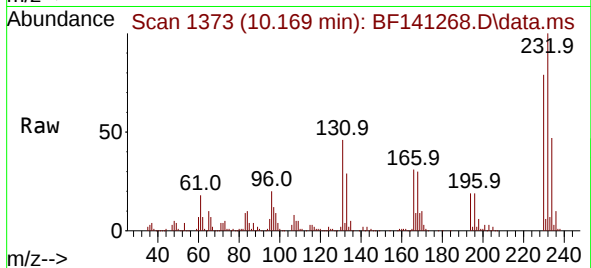




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.465 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

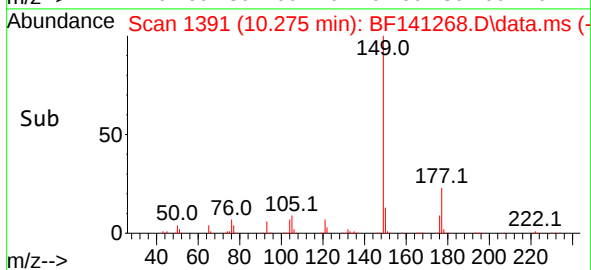
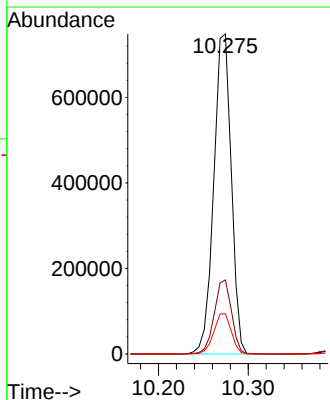
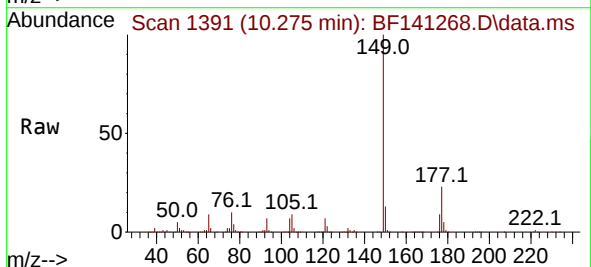
Instrument :
BNA_F
ClientSampleId :
PB166258BS

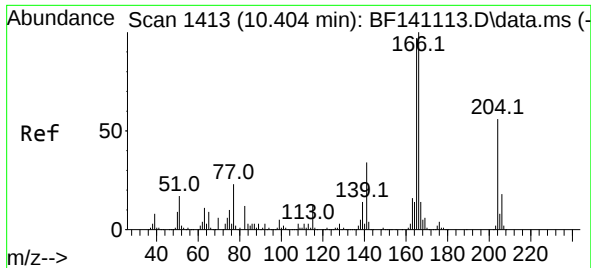
Tgt Ion:232 Resp: 270401
Ion Ratio Lower Upper
232 100
131 45.2 36.2 54.4
130 2.3 2.0 3.0
166 30.1 24.2 36.4



#60
Diethylphthalate
Concen: 43.244 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:149 Resp: 1014224
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.6 10.2 15.2

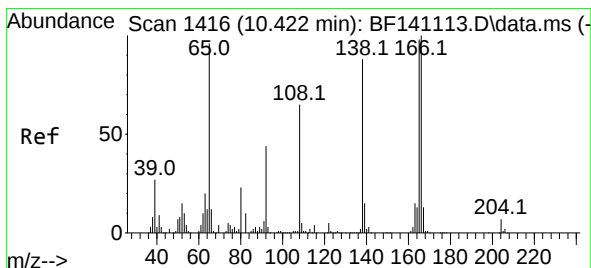
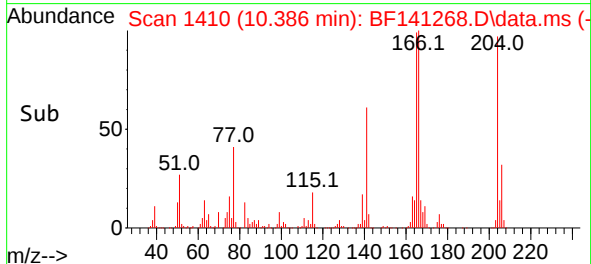
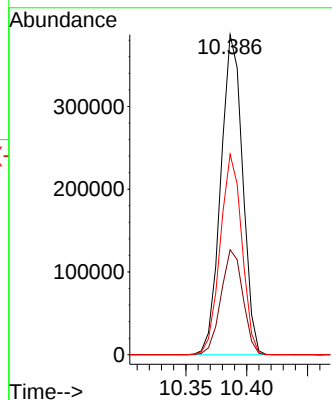
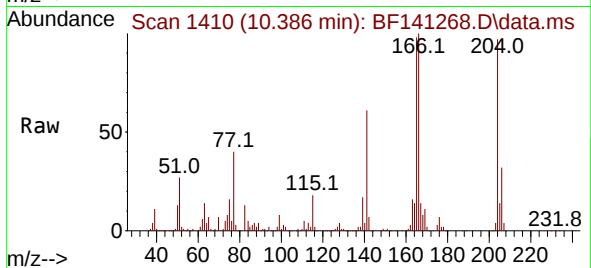




#61
4-Chlorophenyl-phenylether
Concen: 43.362 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

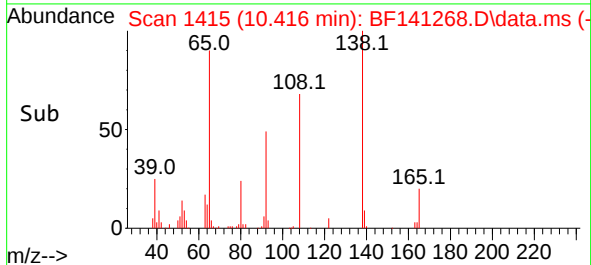
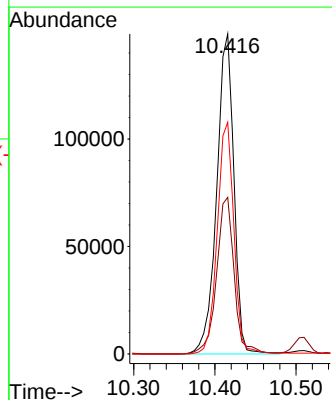
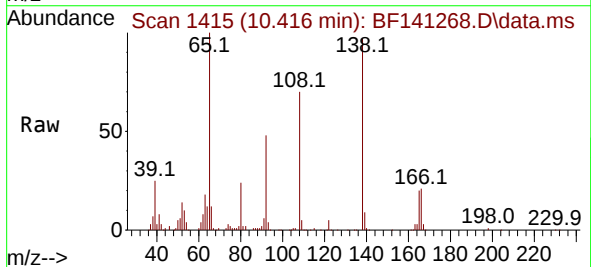
Instrument :
BNA_F
ClientSampleId :
PB166258BS

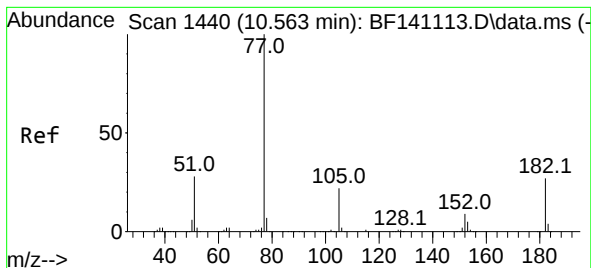
Tgt Ion:204 Resp: 482533
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 62.6 49.1 73.7



#62
4-Nitroaniline
Concen: 39.495 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:138 Resp: 219460
Ion Ratio Lower Upper
138 100
92 48.9 29.4 69.4
108 72.4 53.7 93.7





#63

Azobenzene

Concen: 42.306 ng

RT: 10.551 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

Tgt Ion: 77 Resp: 979065

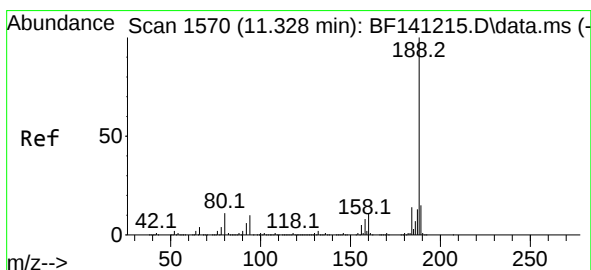
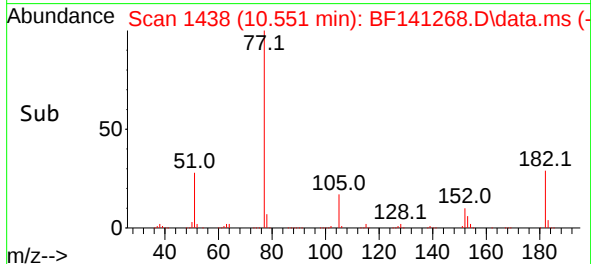
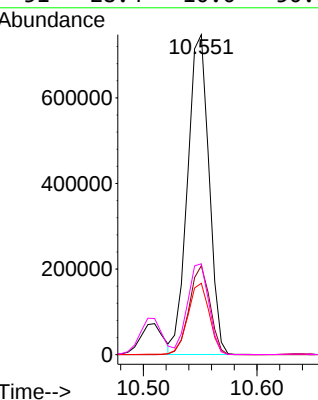
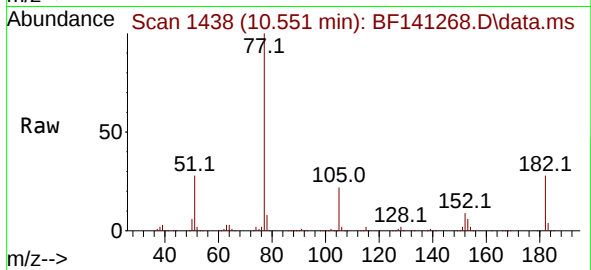
Ion Ratio Lower Upper

77 100

182 27.8 6.1 46.1

105 22.3 2.1 42.1

51 28.4 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

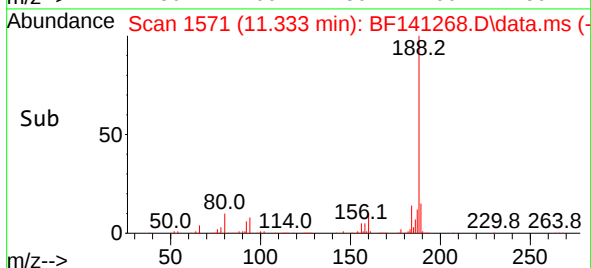
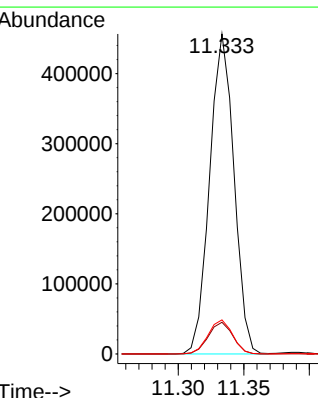
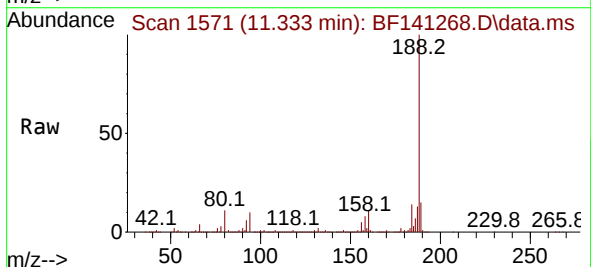
Tgt Ion: 188 Resp: 588043

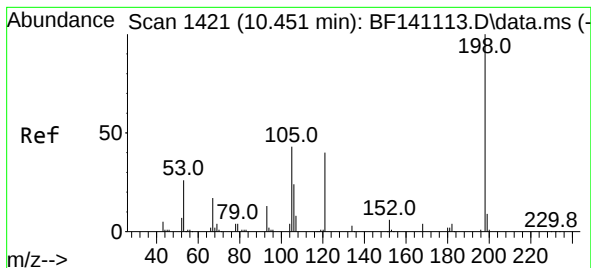
Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.6 9.0 13.4

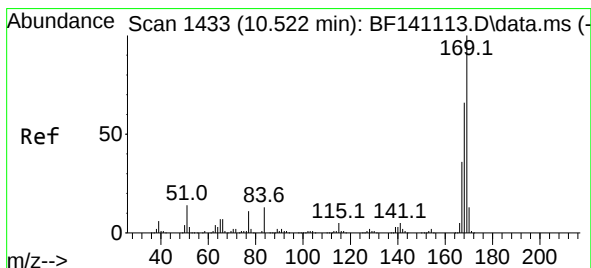
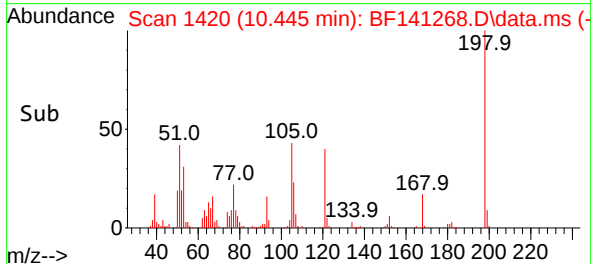
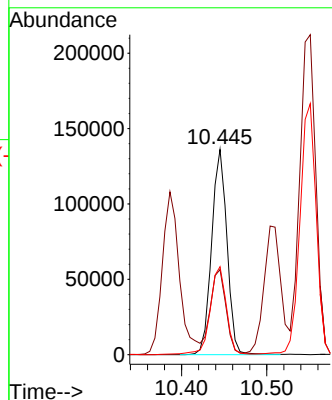
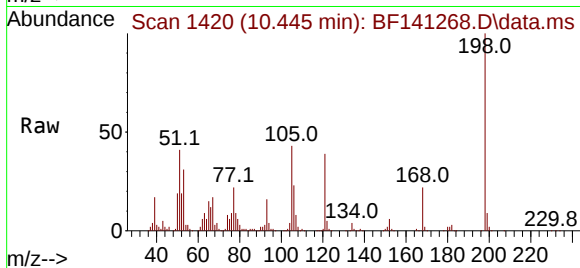




#65
4,6-Dinitro-2-methylphenol
Concen: 49.991 ng
RT: 10.445 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

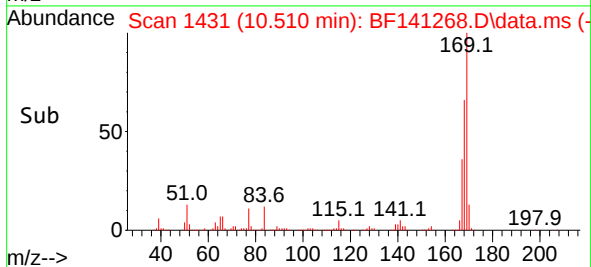
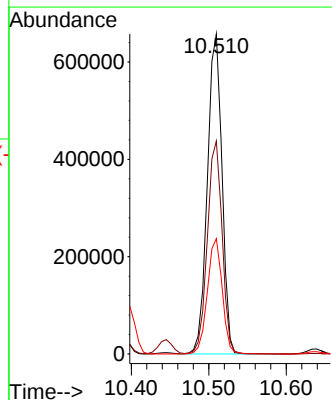
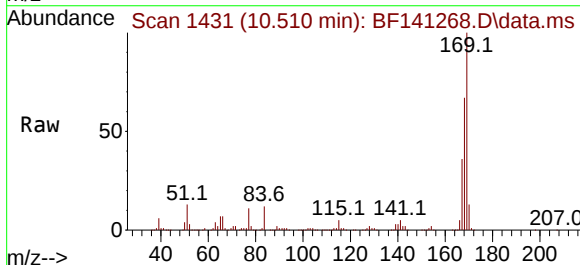
Instrument :
BNA_F
ClientSampleId :
PB166258BS

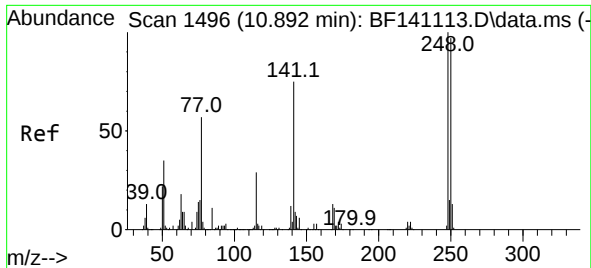
Tgt Ion:198 Resp: 170346
Ion Ratio Lower Upper
198 100
51 41.5 27.1 67.1
105 42.9 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 45.325 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:169 Resp: 859687
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 36.1 28.9 43.3

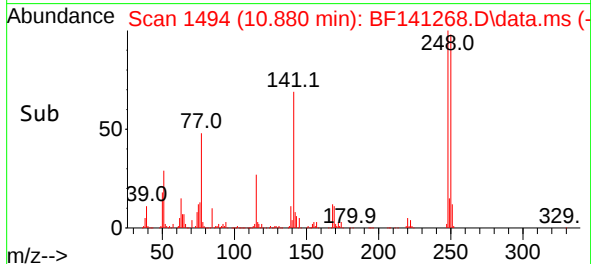
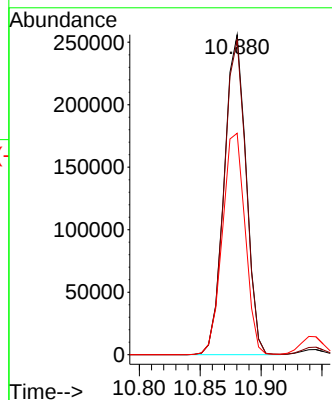
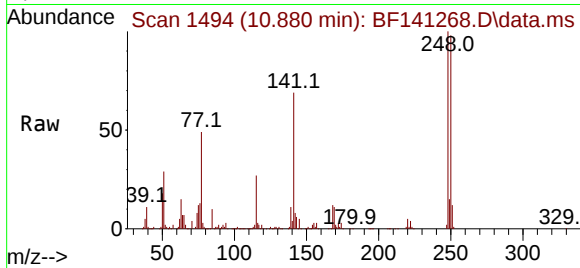




#67
4-Bromophenyl-phenylether
Concen: 47.391 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

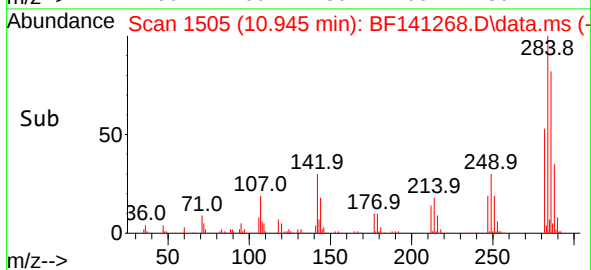
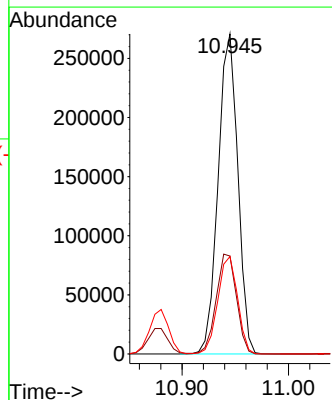
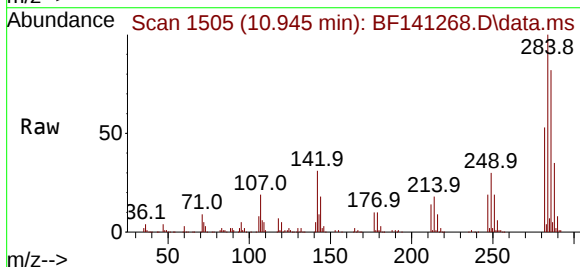
Instrument :
BNA_F
ClientSampleId :
PB166258BS

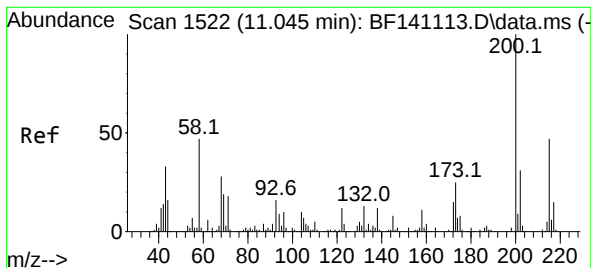
Tgt Ion:248 Resp: 320843
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 69.2 59.9 89.9



#68
Hexachlorobenzene
Concen: 46.074 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:284 Resp: 347232
Ion Ratio Lower Upper
284 100
142 30.6 26.3 39.5
249 30.4 24.9 37.3





#69

Atrazine

Concen: 57.518 ng

RT: 11.039 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

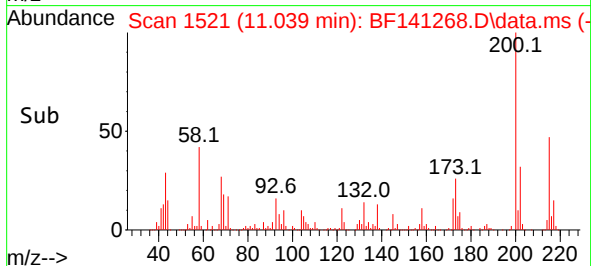
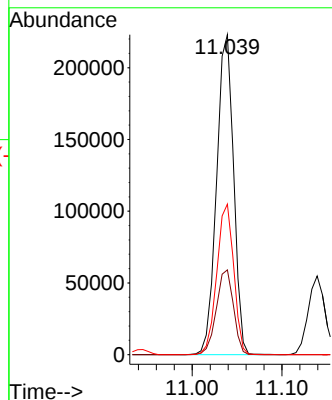
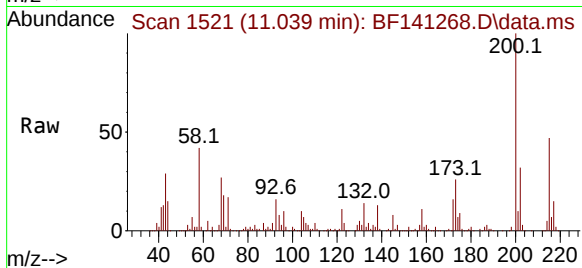
Tgt Ion:200 Resp: 293747

Ion Ratio Lower Upper

200 100

173 26.5 5.4 45.4

215 47.0 26.6 66.6



#70

Pentachlorophenol

Concen: 83.687 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

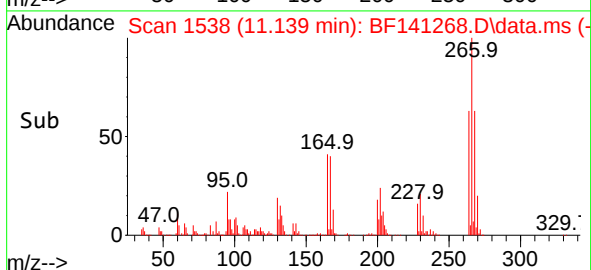
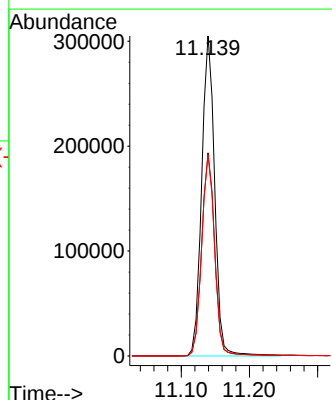
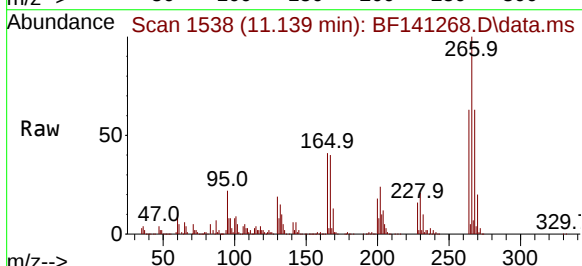
Tgt Ion:266 Resp: 403904

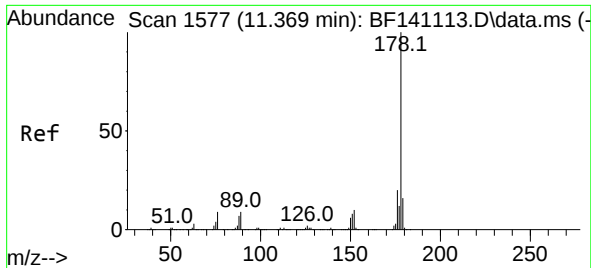
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 62.9 50.2 75.2

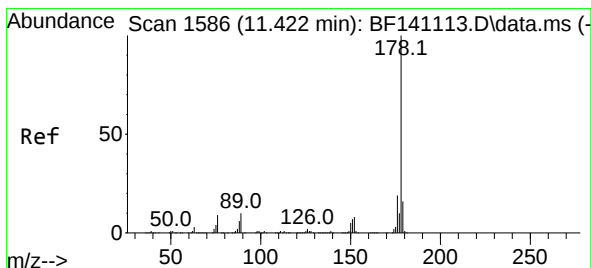
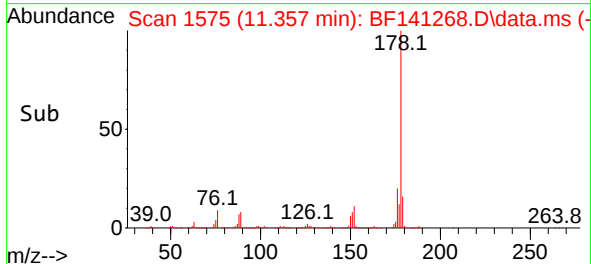
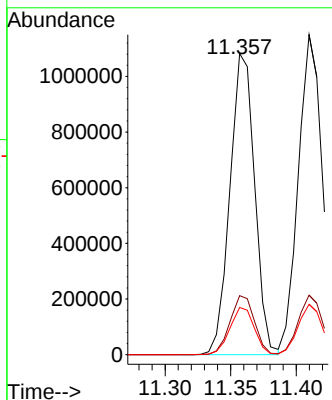
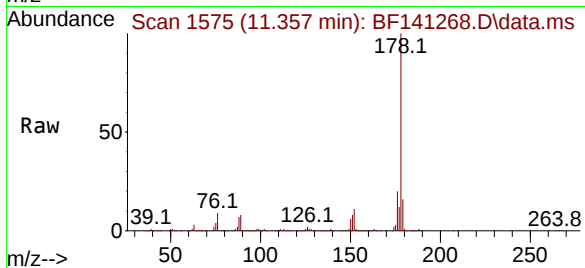




#71
Phenanthrene
Concen: 45.081 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

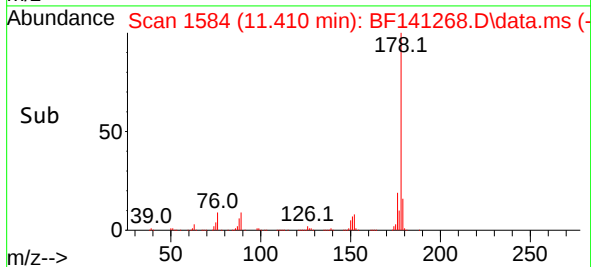
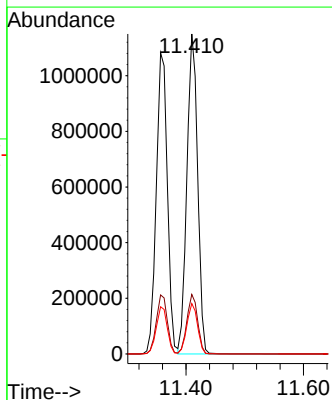
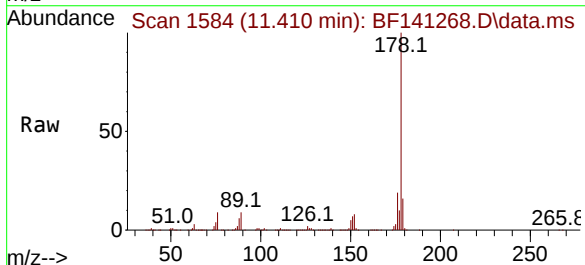
Instrument :
BNA_F
ClientSampleId :
PB166258BS

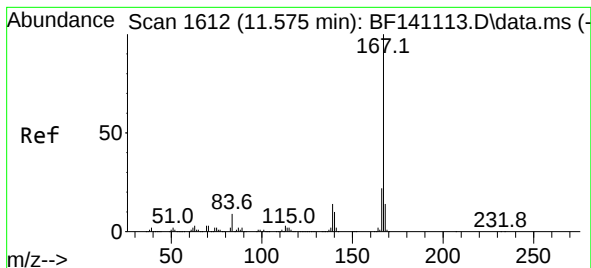
Tgt Ion:178 Resp: 1423217
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.7 12.6 19.0



#72
Anthracene
Concen: 47.359 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:178 Resp: 1453778
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.7 12.6 19.0





#73

Carbazole

Concen: 43.724 ng

RT: 11.563 min Scan# 1610

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

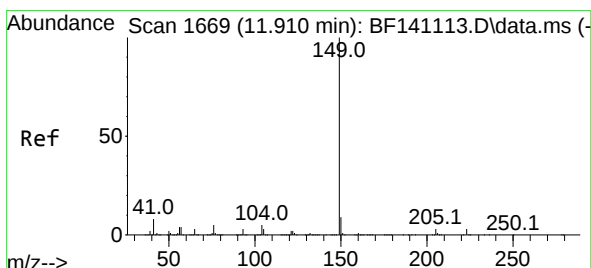
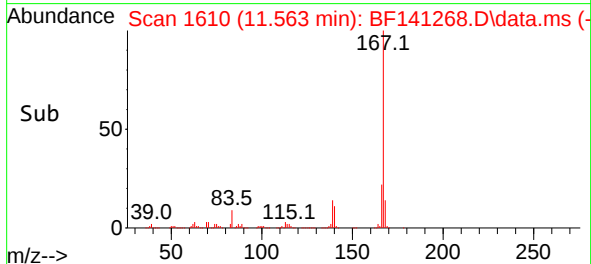
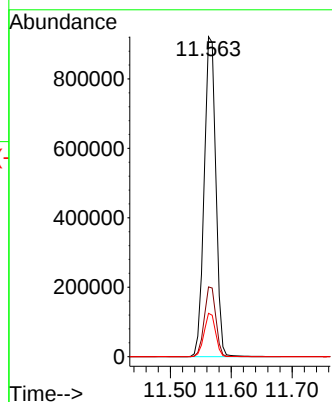
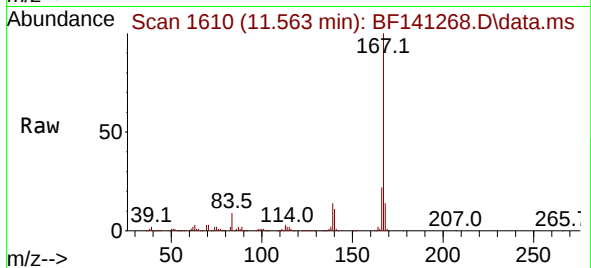
Tgt Ion:167 Resp: 1230712

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.840 ng

RT: 11.898 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

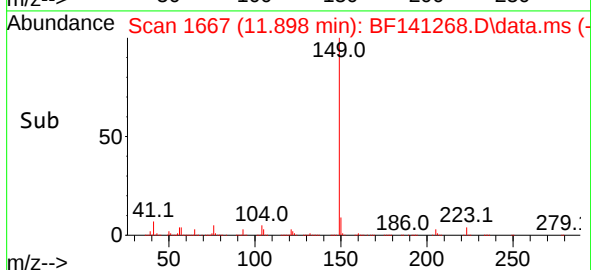
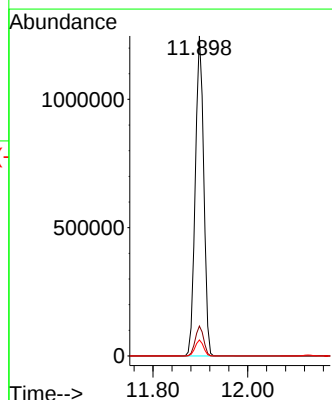
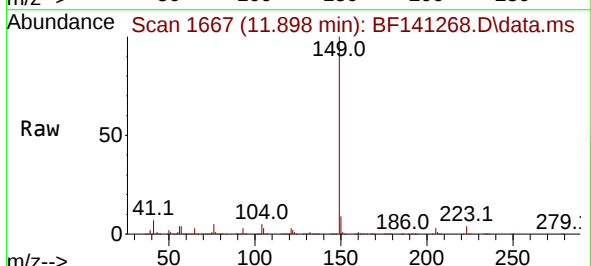
Tgt Ion:149 Resp: 1541028

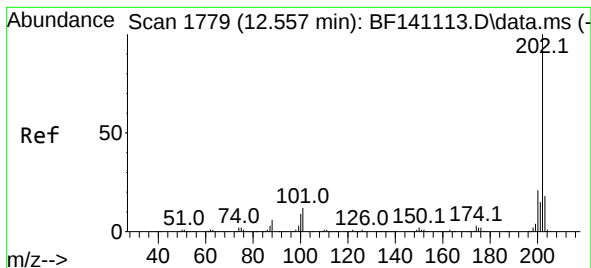
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 45.267 ng

RT: 12.545 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

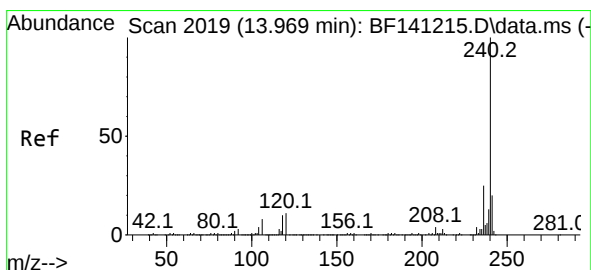
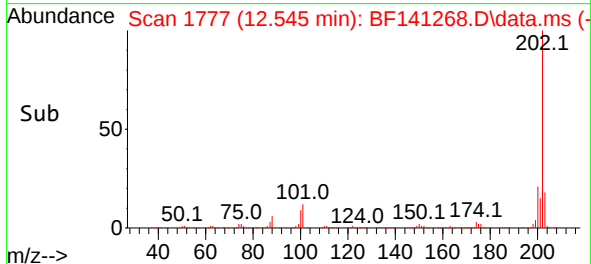
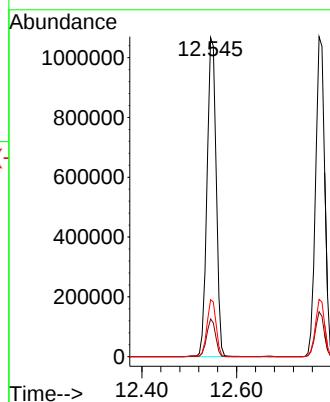
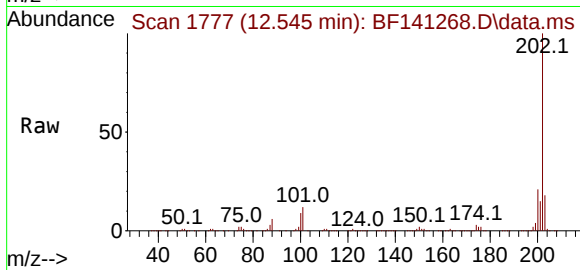
Tgt Ion:202 Resp: 1426094

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.3

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

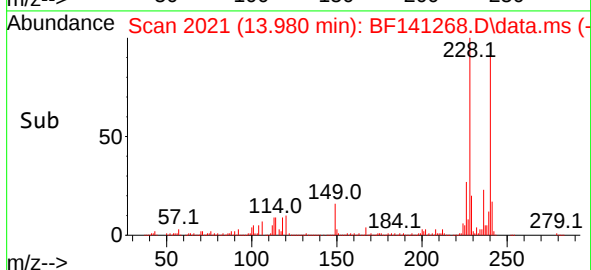
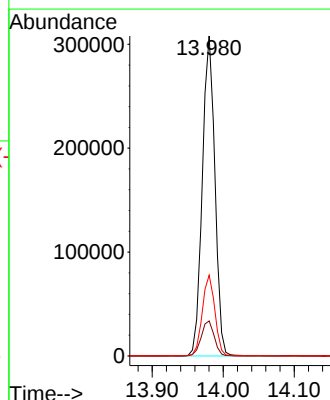
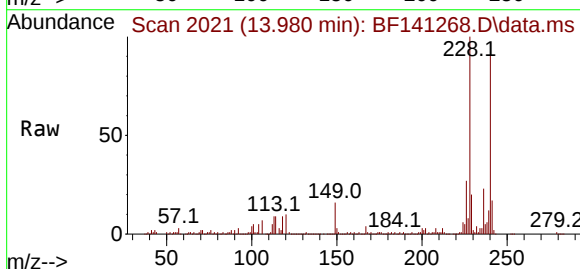
Tgt Ion:240 Resp: 380675

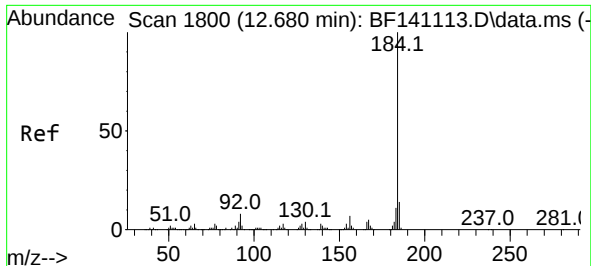
Ion Ratio Lower Upper

240 100

120 11.0 9.1 13.7

236 25.2 19.8 29.6

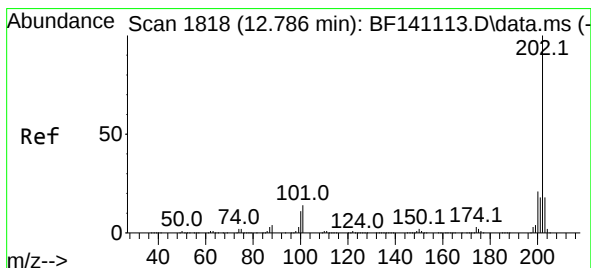
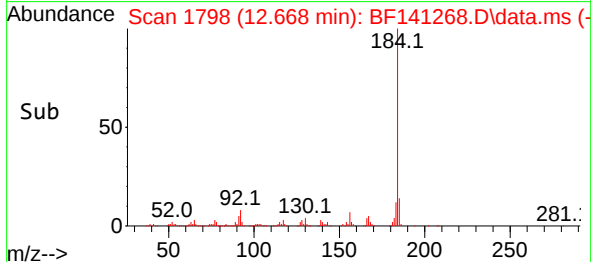
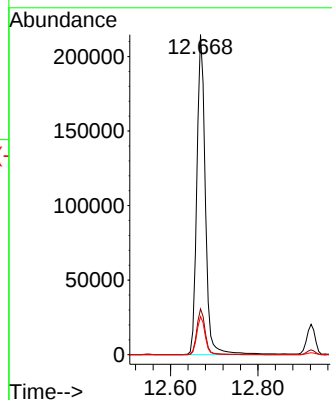
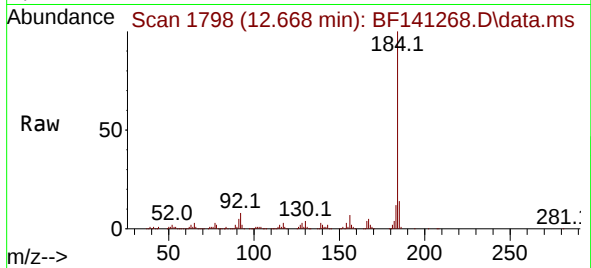




#77
Benzidine
Concen: 41.321 ng
RT: 12.668 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

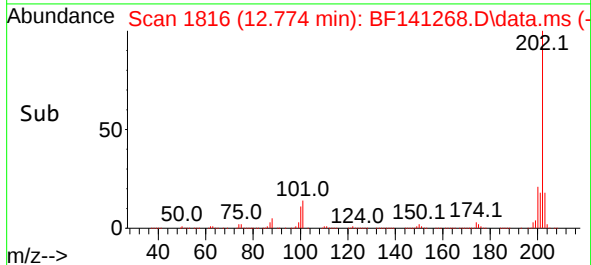
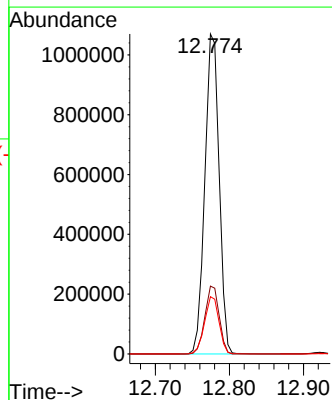
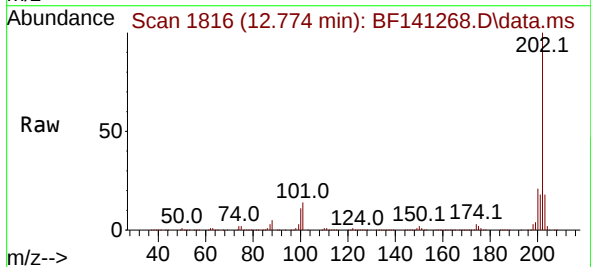
Instrument :
BNA_F
ClientSampleId :
PB166258BS

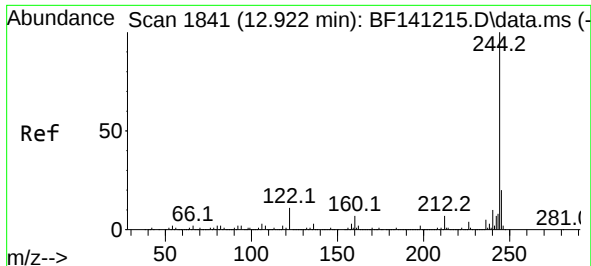
Tgt Ion:184 Resp: 291699
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.9 9.2 13.8



#78
Pyrene
Concen: 39.414 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:202 Resp: 1433055
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.9 14.3 21.5

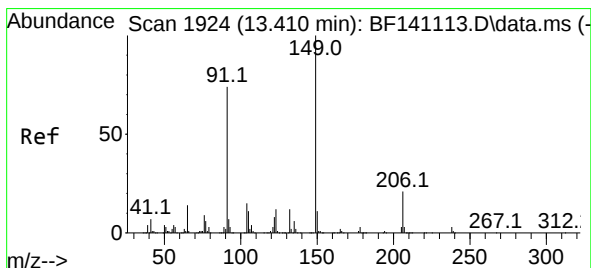
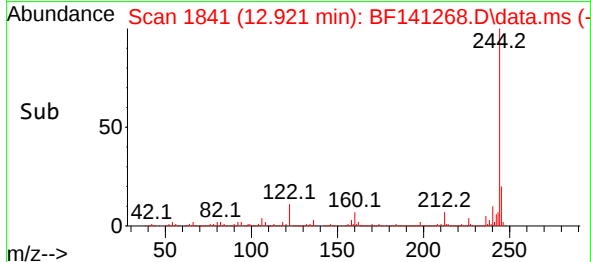
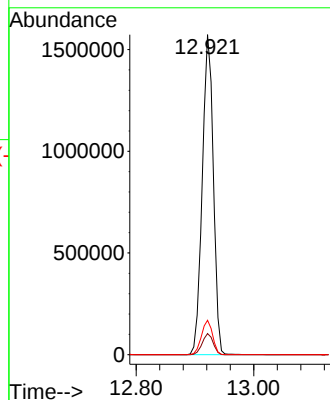
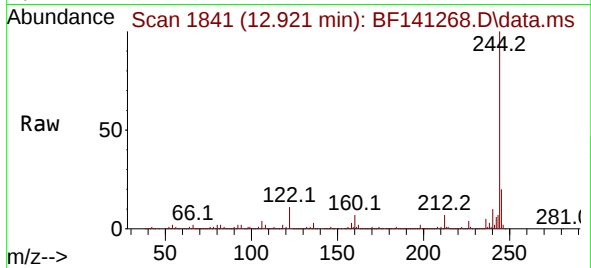




#79
 Terphenyl-d14
 Concen: 80.490 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141268.D
 Acq: 27 Jan 2025 13:13

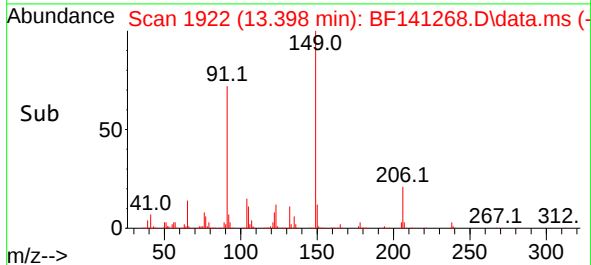
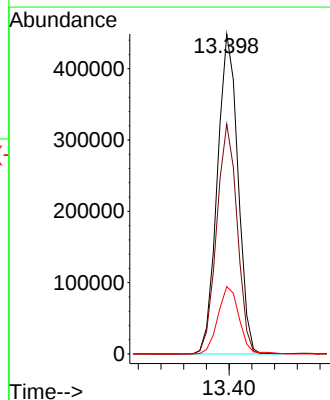
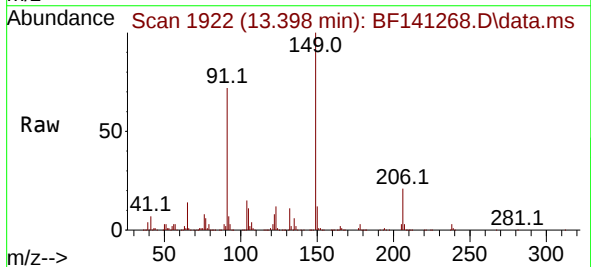
Instrument :
 BNA_F
 ClientSampleId :
 PB166258BS

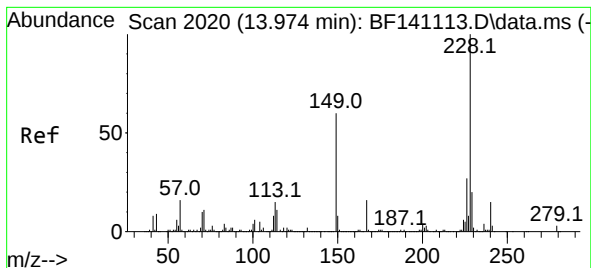
Tgt Ion:244 Resp: 2061533
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 46.664 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141268.D
 Acq: 27 Jan 2025 13:13

Tgt Ion:149 Resp: 565682
 Ion Ratio Lower Upper
 149 100
 91 71.8 59.0 88.6
 206 21.1 16.5 24.7





#81

Benzo(a)anthracene

Concen: 41.766 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

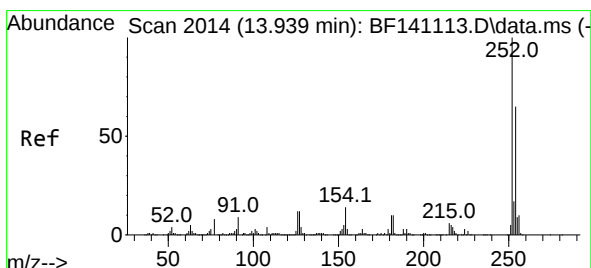
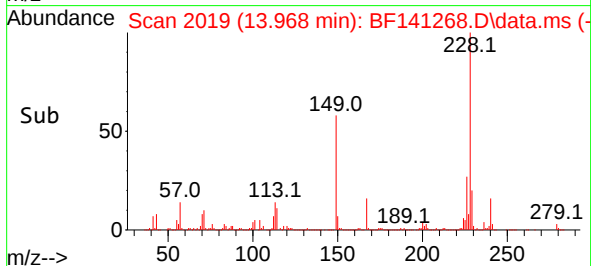
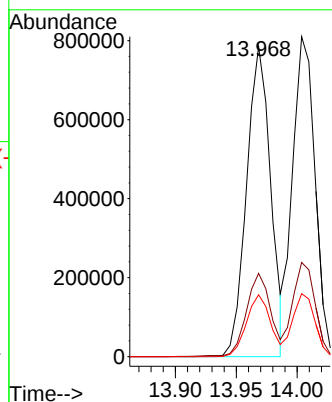
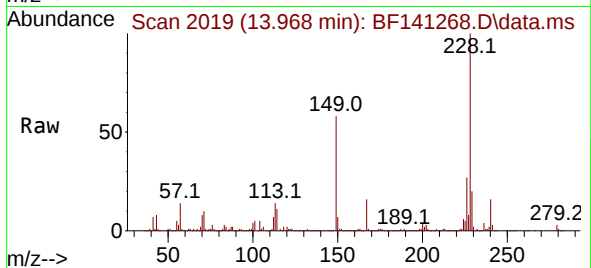
Tgt Ion:228 Resp: 1082037

Ion Ratio Lower Upper

228 100

226 26.9 21.7 32.5

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 24.635 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

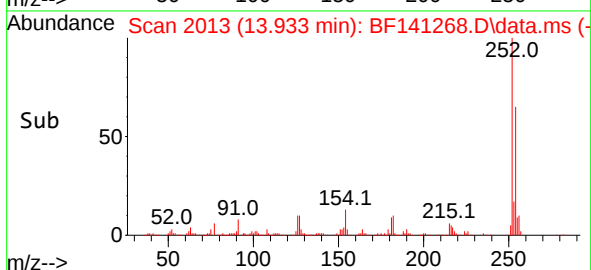
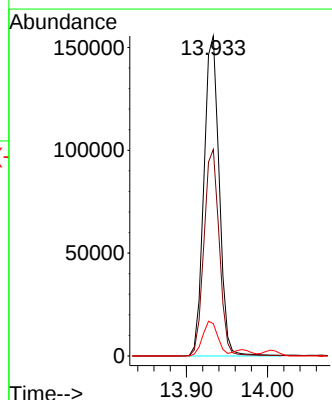
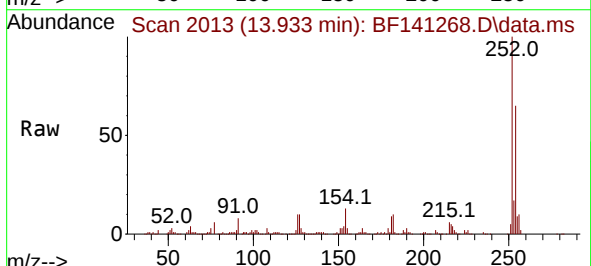
Tgt Ion:252 Resp: 203224

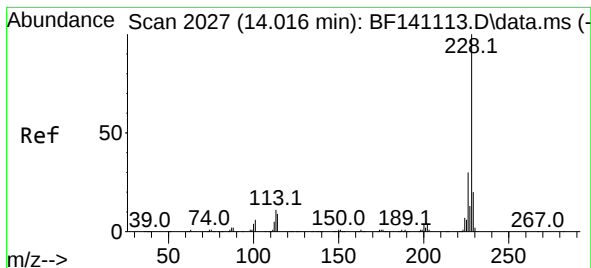
Ion Ratio Lower Upper

252 100

254 64.5 52.0 78.0

126 10.1 9.4 14.0





#83

Chrysene

Concen: 42.918 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

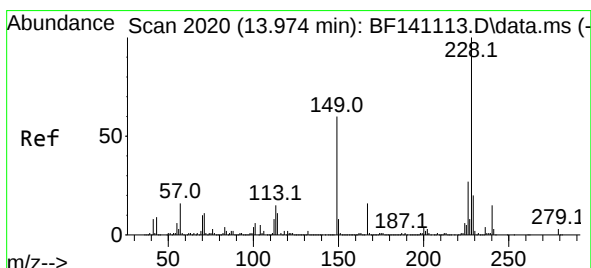
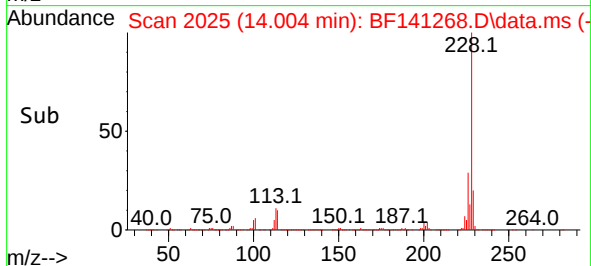
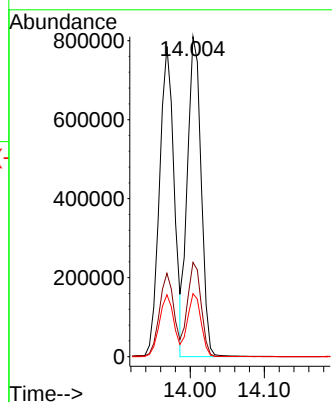
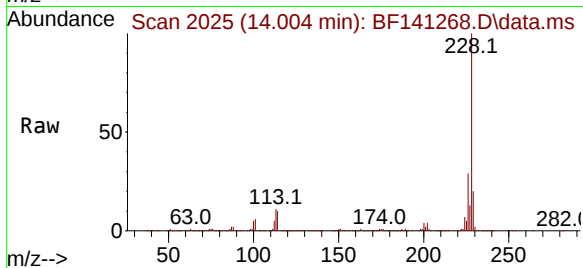
Tgt Ion:228 Resp: 1040380

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.430 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

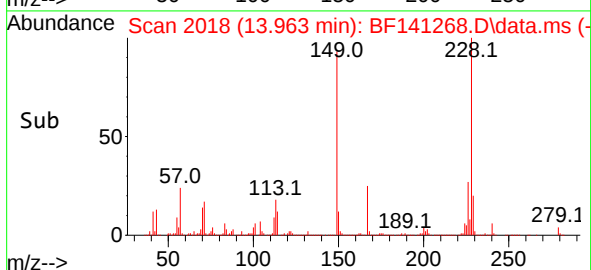
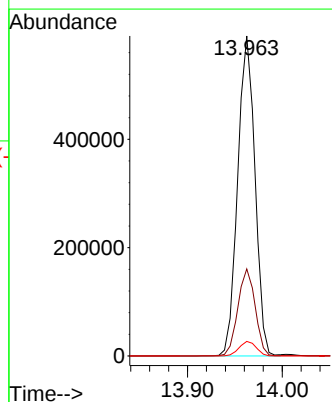
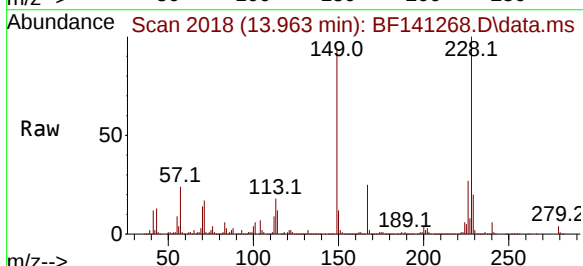
Tgt Ion:149 Resp: 748064

Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 56.120 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

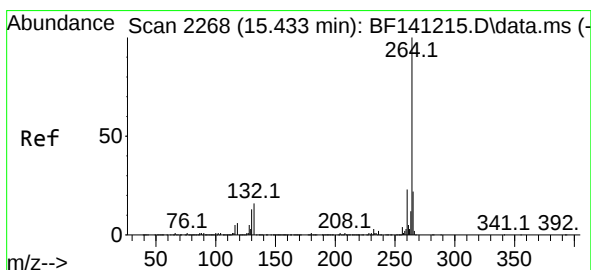
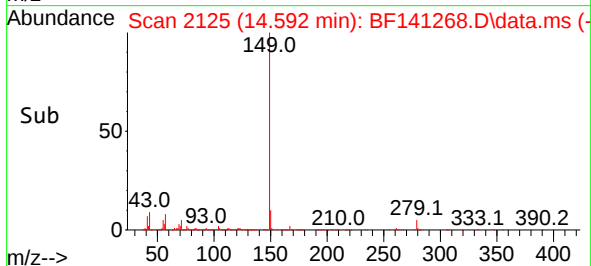
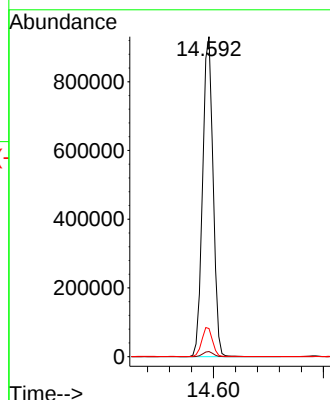
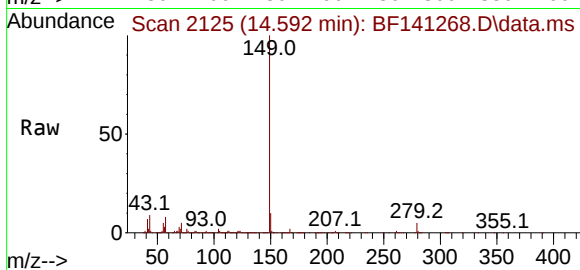
Tgt Ion:149 Resp: 1232642

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 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: BF141268.D

Acq: 27 Jan 2025 13:13

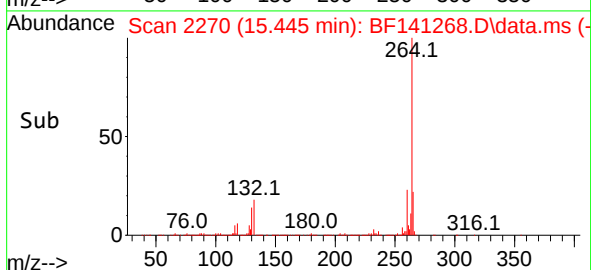
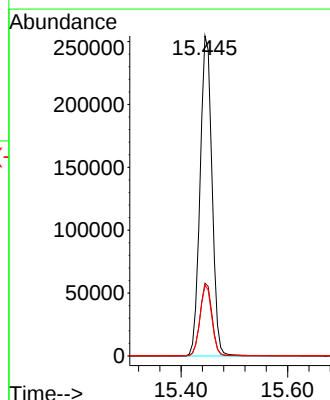
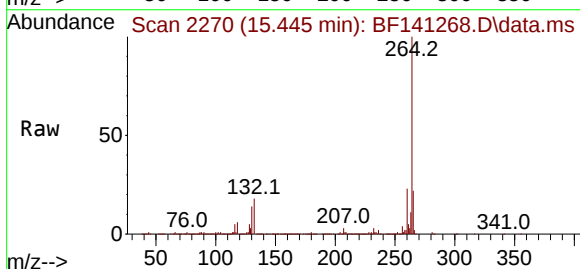
Tgt Ion:264 Resp: 394892

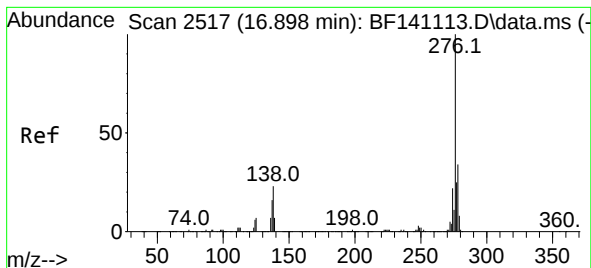
Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.950 ng

RT: 16.909 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB166258BS

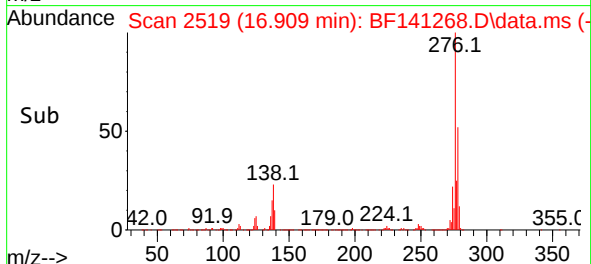
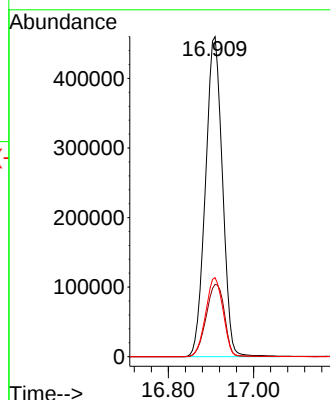
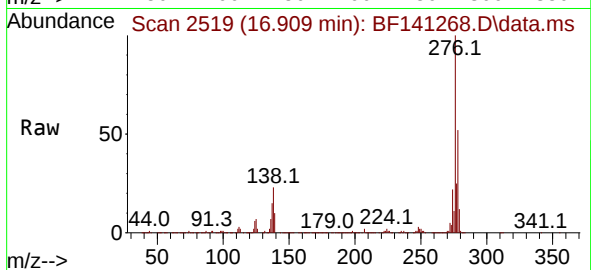
Tgt Ion:276 Resp: 1271505

Ion Ratio Lower Upper

276 100

138 24.4 20.7 31.1

277 25.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 42.328 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141268.D

Acq: 27 Jan 2025 13:13

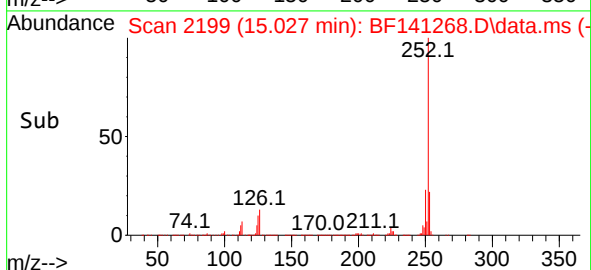
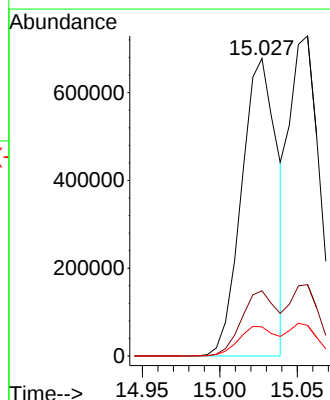
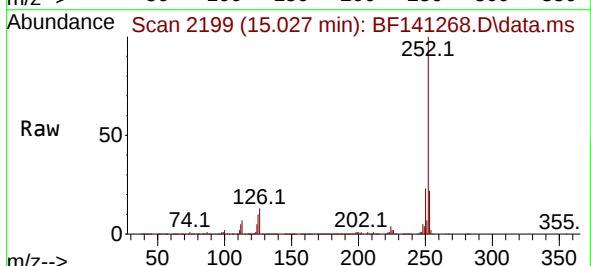
Tgt Ion:252 Resp: 1077844

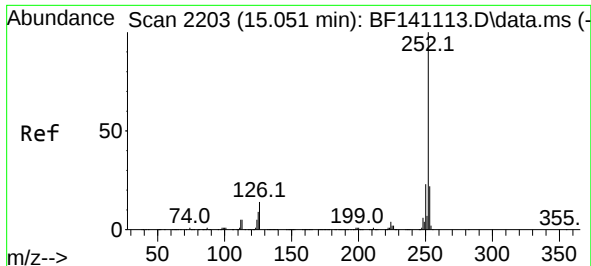
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 9.8 8.1 12.1

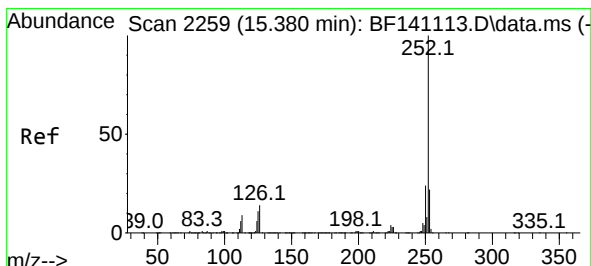
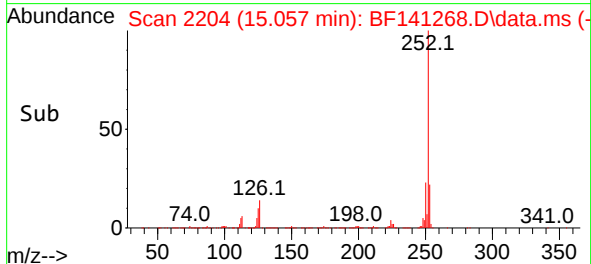
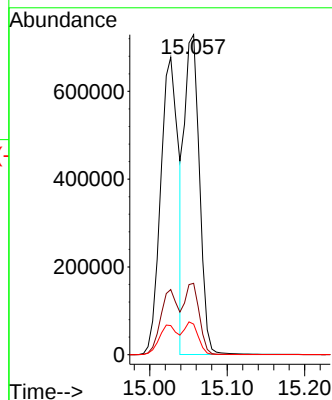
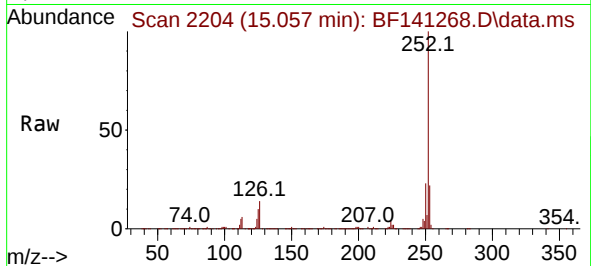




#89
Benzo(k)fluoranthene
Concen: 45.411 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

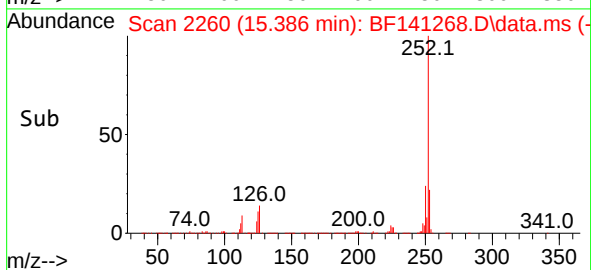
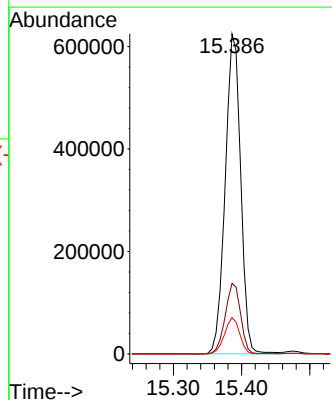
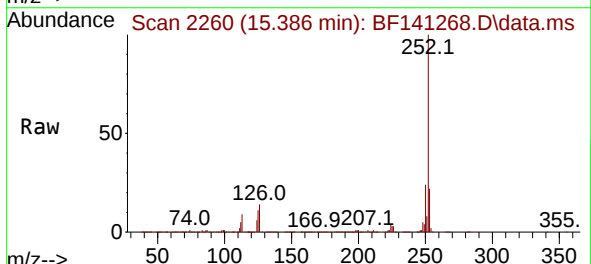
Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion:252 Resp: 977218
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.6 7.9 11.9



#90
Benzo(a)pyrene
Concen: 46.886 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:252 Resp: 985025
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.4 9.1 13.7

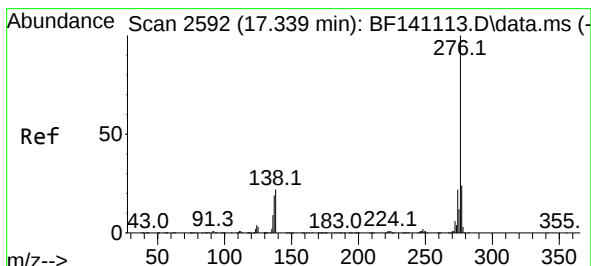
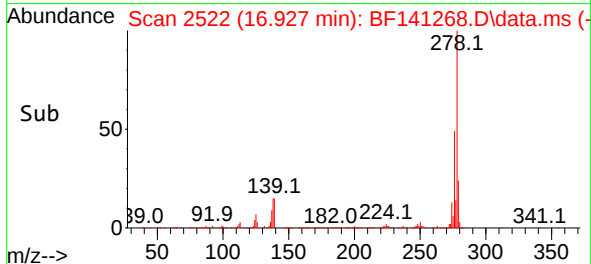
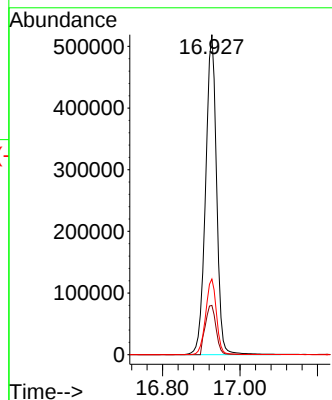
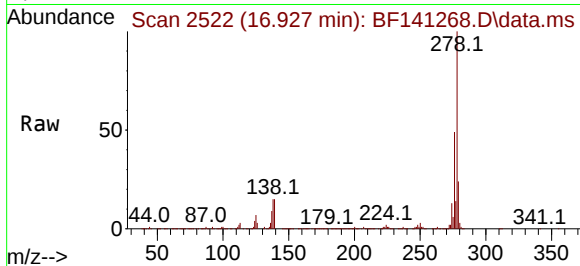




#91
Dibenzo(a,h)anthracene
Concen: 43.587 ng
RT: 16.927 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB166258BS

Tgt Ion:278 Resp: 1019922
Ion Ratio Lower Upper
278 100
139 15.4 13.8 20.6
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 39.546 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF141268.D
Acq: 27 Jan 2025 13:13

Tgt Ion:276 Resp: 962509
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 21.3 17.4 26.2

