

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141246.D
 Acq On : 23 Jan 2025 13:33
 Operator : RC/JU
 Sample : PB166185BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166185BS

Quant Time: Jan 23 14:04:42 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	161429	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	670902	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	376642	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	644659	20.000	ng	-0.01
76) Chrysene-d12	13.986	240	444679	20.000	ng	0.00
86) Perylene-d12	15.457	264	369356	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1425094	136.375	ng	0.00
7) Phenol-d6	6.440	99	1815974	137.190	ng	0.00
23) Nitrobenzene-d5	7.369	82	1158851	91.562	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	679029	158.223	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2254169	91.392	ng	-0.01
79) Terphenyl-d14	12.927	244	2724202	91.054	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	181775	39.062	ng	97
3) Pyridine	3.340	79	472456	41.402	ng	96
4) n-Nitrosodimethylamine	3.287	42	255726	45.831	ng	97
6) Aniline	6.469	93	460409	39.176	ng	# 88
8) 2-Chlorophenol	6.593	128	589991	52.624	ng	96
9) Benzaldehyde	6.351	77	62008	7.954	ng	97
10) Phenol	6.451	94	705648	49.800	ng	90
11) bis(2-Chloroethyl)ether	6.545	93	524809	49.698	ng	97
12) 1,3-Dichlorobenzene	6.745	146	587068	46.950	ng	98
13) 1,4-Dichlorobenzene	6.822	146	601190	47.711	ng	100
14) 1,2-Dichlorobenzene	6.975	146	575937	49.000	ng	98
15) Benzyl Alcohol	6.945	79	517946	54.182	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	703089	47.713	ng	93
17) 2-Methylphenol	7.063	107	480126	53.044	ng	97
18) Hexachloroethane	7.316	117	219535	48.178	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	391629	50.226	ng	97
20) 3+4-Methylphenols	7.216	107	578133	50.628	ng	# 82
22) Acetophenone	7.216	105	753090	47.219	ng	96
24) Nitrobenzene	7.387	77	600572	45.530	ng	100
25) Isophorone	7.628	82	1103534	51.020	ng	99
26) 2-Nitrophenol	7.704	139	317380	52.894	ng	99
27) 2,4-Dimethylphenol	7.740	122	492190	60.813	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	669453	49.318	ng	100
29) 2,4-Dichlorophenol	7.945	162	498662	51.877	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	510747	46.485	ng	100
31) Naphthalene	8.110	128	1682640	47.558	ng	100
32) Benzoic acid	7.869	122	406856	52.404	ng	97
33) 4-Chloroaniline	8.157	127	236090	19.295	ng	99
34) Hexachlorobutadiene	8.228	225	312806	47.248	ng	99
35) Caprolactam	8.534	113	99568	31.639	ng	99
36) 4-Chloro-3-methylphenol	8.645	107	561627	53.424	ng	99
37) 2-Methylnaphthalene	8.804	142	1126504	49.965	ng	100
38) 1-Methylnaphthalene	8.904	142	1050604	47.283	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	521537	48.244	ng	99
41) Hexachlorocyclopentadiene	8.957	237	646026	182.659	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	378327	51.890	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141246.D
 Acq On : 23 Jan 2025 13:33
 Operator : RC/JU
 Sample : PB166185BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

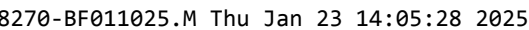
Instrument :
 BNA_F
 ClientSampleId :
 PB166185BS

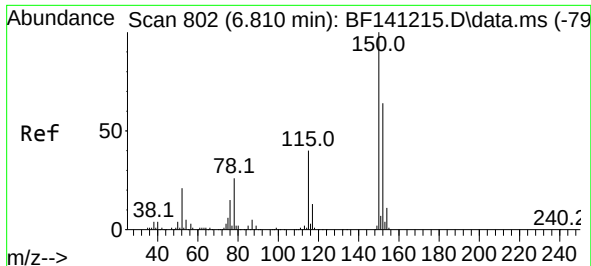
Quant Time: Jan 23 14:04:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	386866	50.242	ng	99
46) 1,1'-Biphenyl	9.269	154	1395378	47.705	ng	99
47) 2-Chloronaphthalene	9.292	162	1058714	46.471	ng	100
48) 2-Nitroaniline	9.386	65	340578	50.431	ng	99
49) Acenaphthylene	9.710	152	1657616	50.927	ng	100
50) Dimethylphthalate	9.575	163	1308912	51.765	ng	100
51) 2,6-Dinitrotoluene	9.634	165	294113	50.019	ng	98
52) Acenaphthene	9.881	154	1260634	55.436	ng	100
53) 3-Nitroaniline	9.798	138	174414	29.189	ng	100
54) 2,4-Dinitrophenol	9.910	184	343368	122.855	ng	94
55) Dibenzofuran	10.057	168	1519777	49.134	ng	100
56) 4-Nitrophenol	9.969	139	493114	105.373	ng	97
57) 2,4-Dinitrotoluene	10.039	165	400157	52.807	ng	98
58) Fluorene	10.398	166	1172070	48.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	347891	54.354	ng	98
60) Diethylphthalate	10.275	149	1265960	51.285	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	582171	49.707	ng	100
62) 4-Nitroaniline	10.422	138	299173	51.155	ng	100
63) Azobenzene	10.551	77	1205653	49.499	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	226606	60.661	ng	95
66) n-Nitrosodiphenylamine	10.510	169	1076427	51.768	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	392803	52.924	ng	98
68) Hexachlorobenzene	10.945	284	439679	53.217	ng	99
69) Atrazine	11.039	200	375342	67.041	ng	98
70) Pentachlorophenol	11.139	266	542594	102.550	ng	100
71) Phenanthrene	11.363	178	1778265	51.381	ng	100
72) Anthracene	11.416	178	1825501	54.245	ng	99
73) Carbazole	11.569	167	1623027	52.598	ng	100
74) Di-n-butylphthalate	11.898	149	1914237	54.207	ng	100
75) Fluoranthene	12.551	202	1885593	54.596	ng	99
77) Benzidine	12.669	184	461819	56.003	ng	100
78) Pyrene	12.780	202	1896640	44.656	ng	99
80) Butylbenzylphthalate	13.404	149	775199	54.743	ng	97
81) Benzo(a)anthracene	13.974	228	1478179	48.844	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	269828	28.001	ng	99
83) Chrysene	14.010	228	1399654	49.428	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	999274	58.813	ng	99
85) Di-n-octyl phthalate	14.598	149	1577120	61.469	ng	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	1284602	47.472	ng	98
88) Benzo(b)fluoranthene	15.033	252	1329831	55.835	ng	100
89) Benzo(k)fluoranthene	15.063	252	1056762	52.503	ng	99
90) Benzo(a)pyrene	15.398	252	1101079	56.033	ng	100
91) Dibenzo(a,h)anthracene	16.933	278	1034603	47.272	ng	98
92) Benzo(g,h,i)perylene	17.357	276	968908	42.561	ng	98

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

Quant Time: Jan 23 14:04:42 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

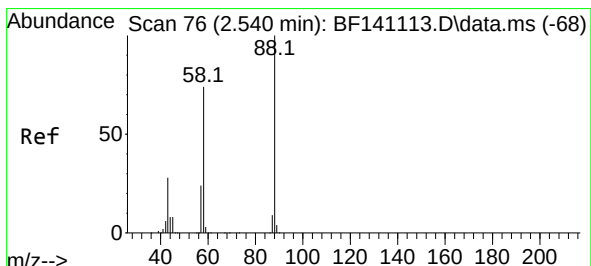
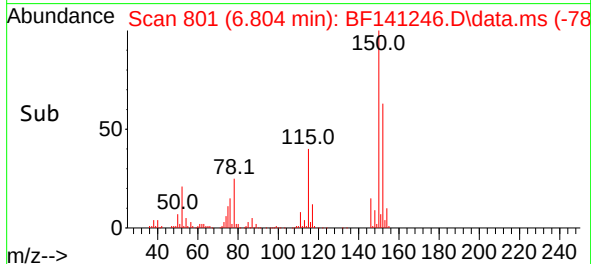
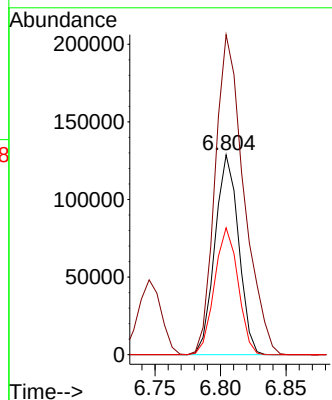
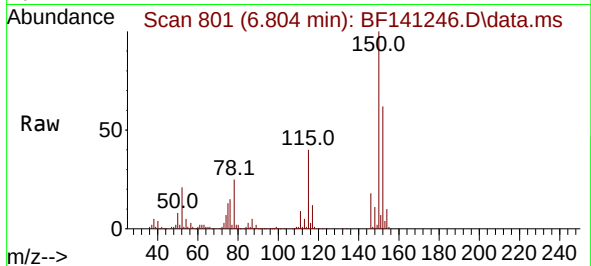




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

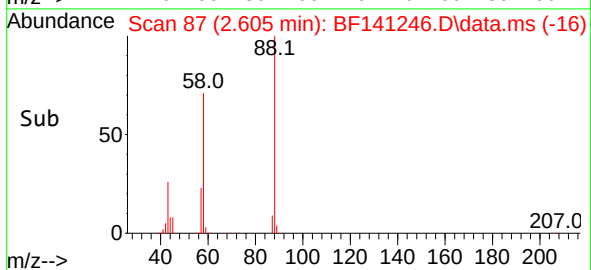
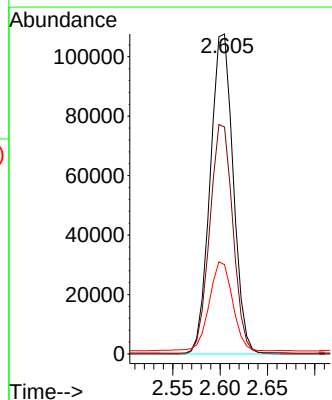
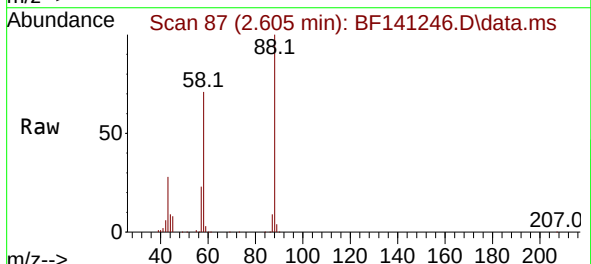
Instrument :
BNA_F
ClientSampleId :
PB166185BS

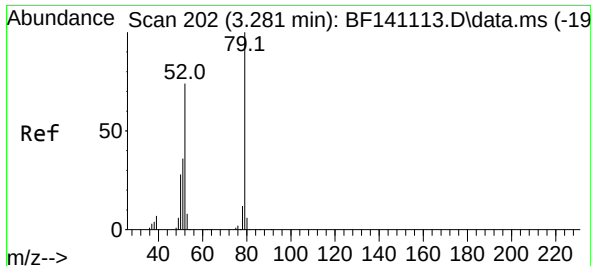
Tgt Ion:152 Resp: 161429
Ion Ratio Lower Upper
152 100
150 160.1 125.8 188.8
115 63.5 51.4 77.2



#2
1,4-Dioxane
Concen: 39.062 ng
RT: 2.605 min Scan# 87
Delta R.T. 0.065 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion: 88 Resp: 181775
Ion Ratio Lower Upper
88 100
58 72.0 60.1 90.1
43 28.1 23.1 34.7

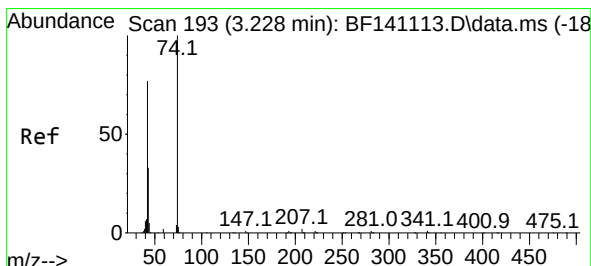
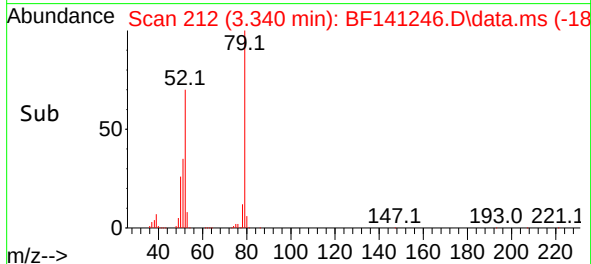
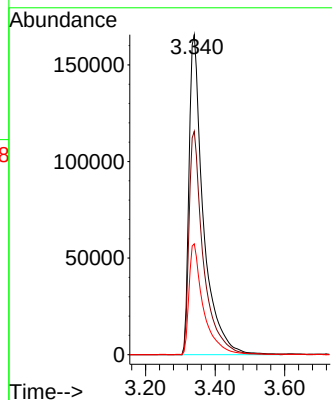
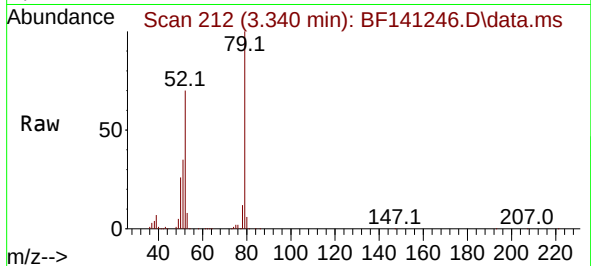




#3
Pyridine
Concen: 41.402 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

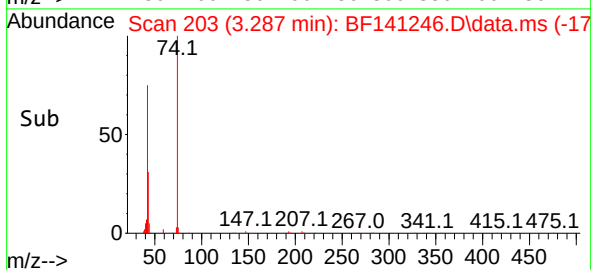
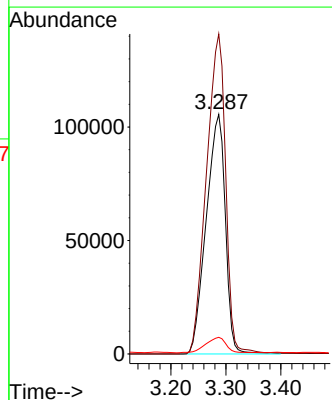
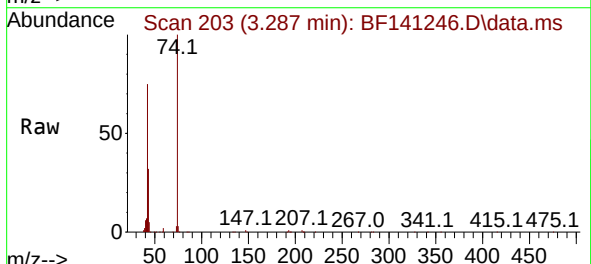
Instrument :
BNA_F
ClientSampleId :
PB166185BS

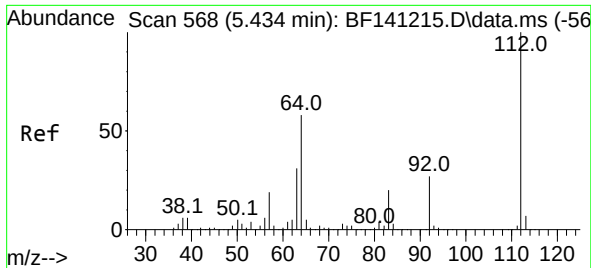
Tgt Ion: 79 Resp: 472456
Ion Ratio Lower Upper
79 100
52 69.8 58.9 88.3
51 34.7 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 45.831 ng
RT: 3.287 min Scan# 203
Delta R.T. 0.059 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion: 42 Resp: 255726
Ion Ratio Lower Upper
42 100
74 133.6 103.8 155.6
44 7.0 5.3 7.9

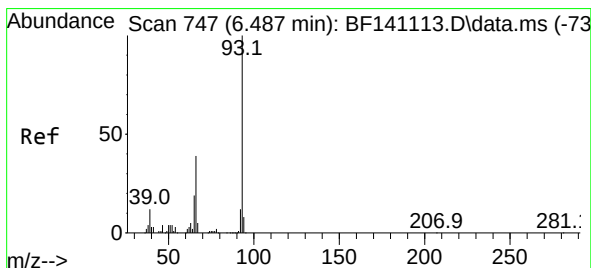
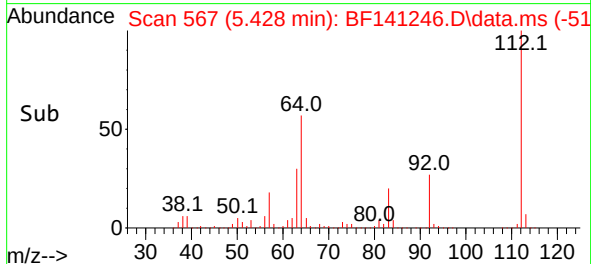
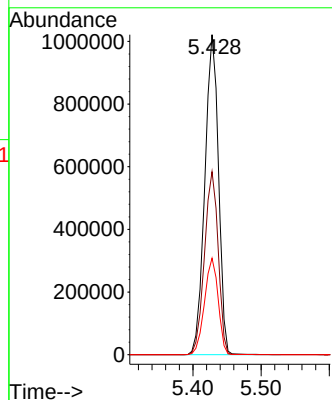
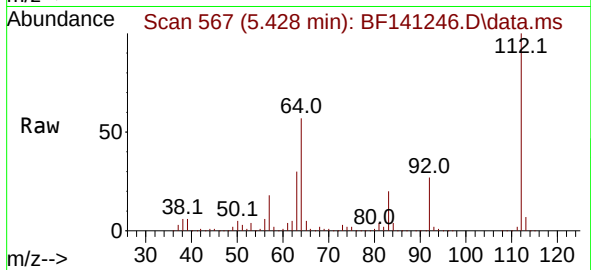




#5
2-Fluorophenol
Concen: 136.375 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

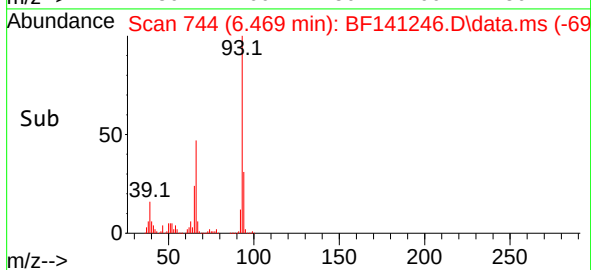
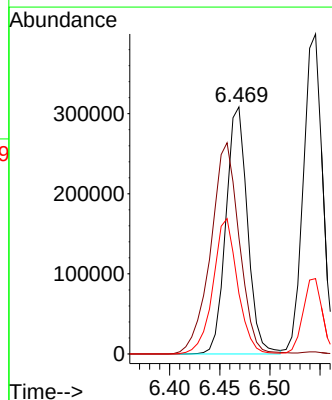
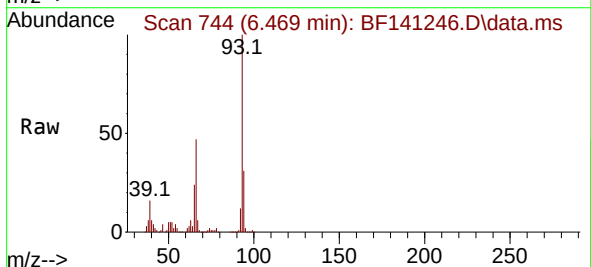
Instrument :
BNA_F
ClientSampleId :
PB166185BS

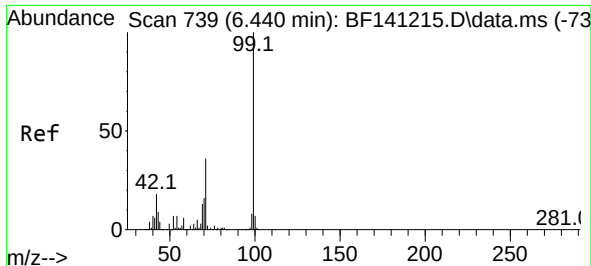
Tgt Ion:112 Resp: 1425094
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 30.1 24.2 36.2



#6
Aniline
Concen: 39.176 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion: 93 Resp: 460409
Ion Ratio Lower Upper
93 100
66 47.2 31.5 47.3
65 24.5 15.3 22.9#





#7

Phenol-d6

Concen: 137.190 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

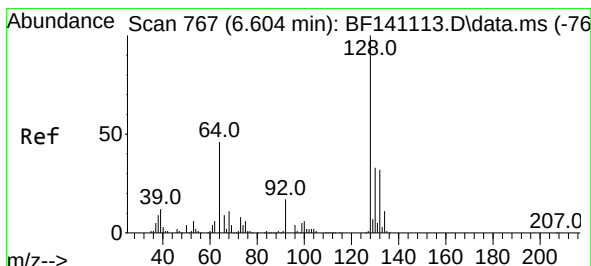
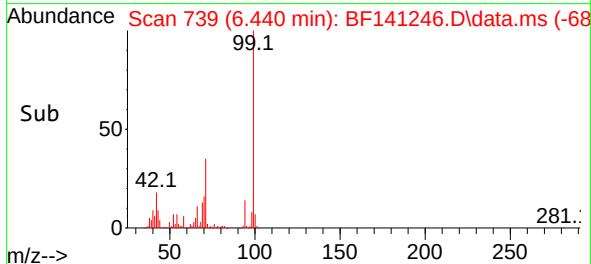
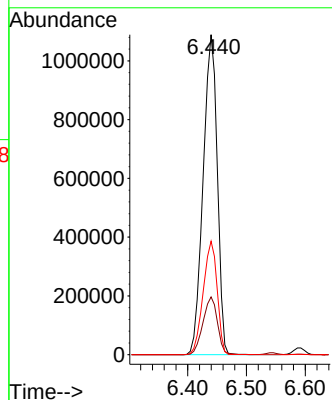
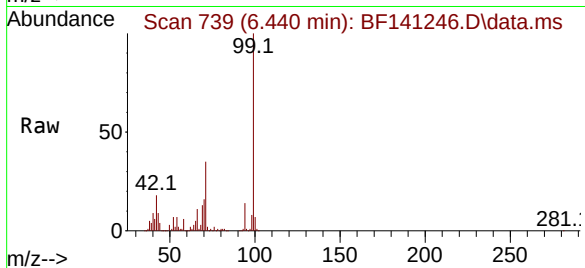
BNA_F

ClientSampleId :

PB166185BS

Tgt Ion: 99 Resp: 1815974

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.4
71	35.5	27.6	41.4



#8

2-Chlorophenol

Concen: 52.624 ng

RT: 6.593 min Scan# 765

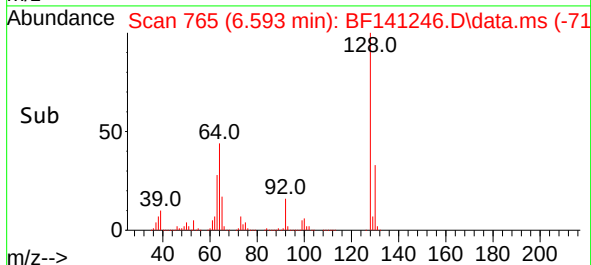
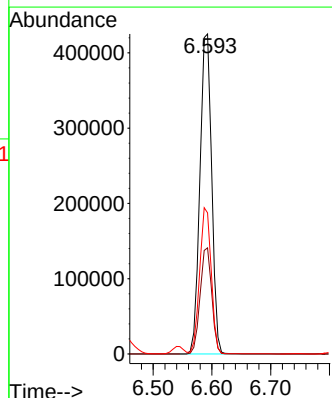
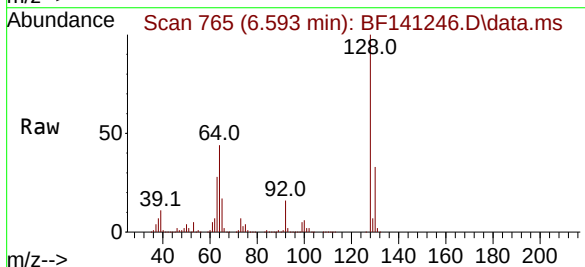
Delta R.T. -0.012 min

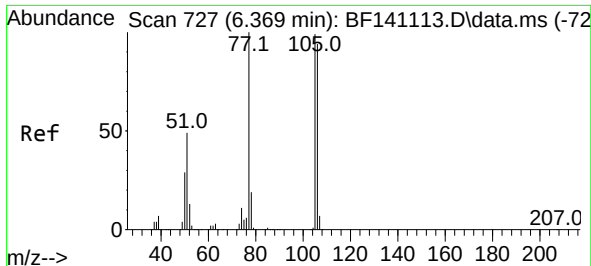
Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Tgt Ion: 128 Resp: 589991

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.5	52.5
64	44.1	28.3	68.3

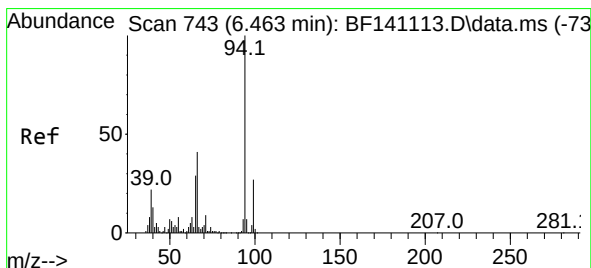
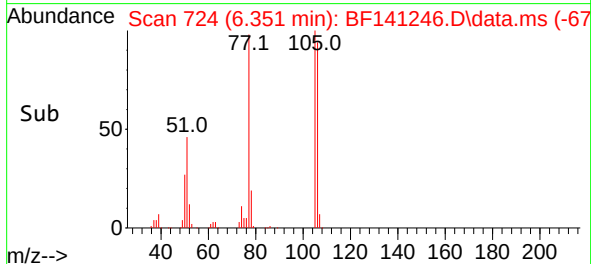
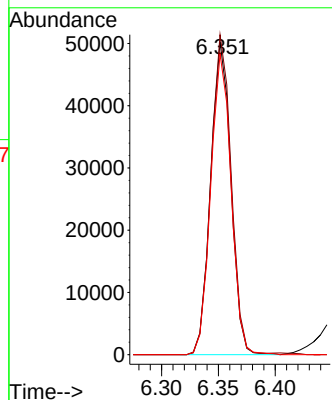
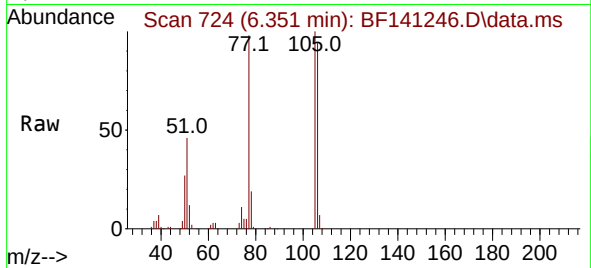




#9
Benzaldehyde
Concen: 7.954 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

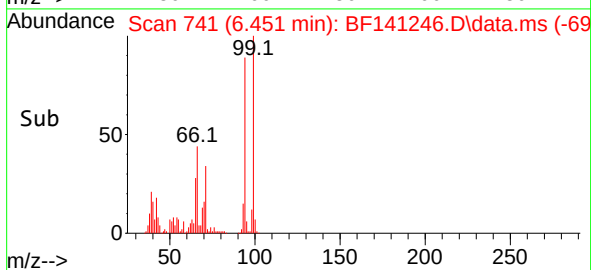
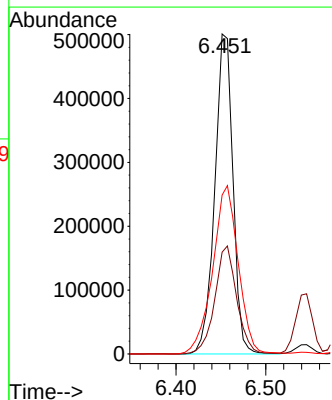
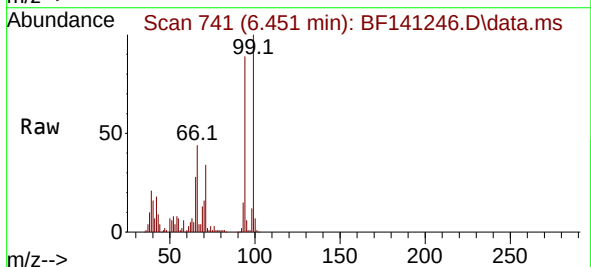
Instrument :
BNA_F
ClientSampleId :
PB166185BS

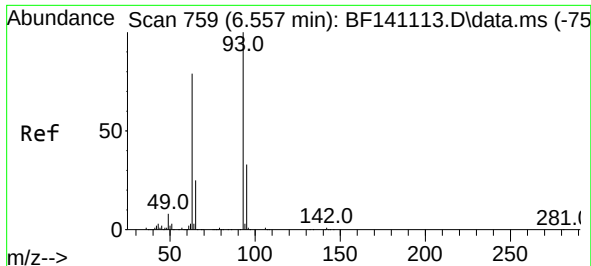
Tgt Ion: 77 Resp: 62008
Ion Ratio Lower Upper
77 100
105 102.4 78.9 118.9
106 96.3 73.6 113.6



#10
Phenol
Concen: 49.800 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion: 94 Resp: 705648
Ion Ratio Lower Upper
94 100
65 31.8 8.9 48.9
66 49.7 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 49.698 ng

RT: 6.545 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

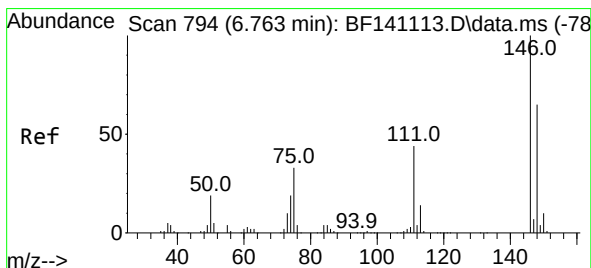
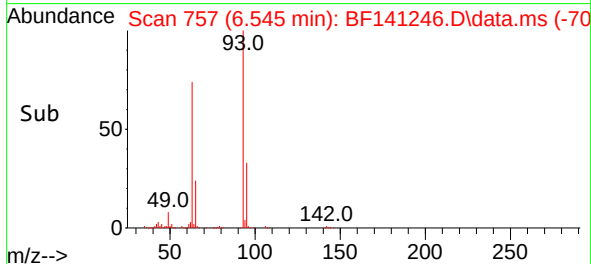
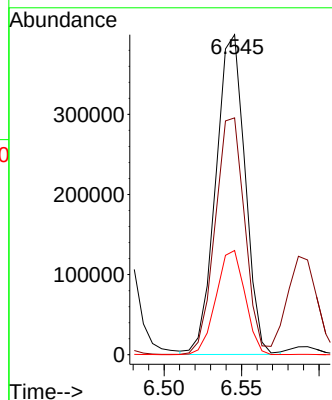
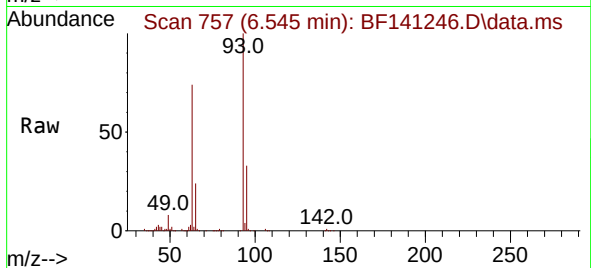
Tgt Ion: 93 Resp: 524809

Ion Ratio Lower Upper

93 100

63 74.0 58.0 98.0

95 32.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 46.950 ng

RT: 6.745 min Scan# 791

Delta R.T. -0.018 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

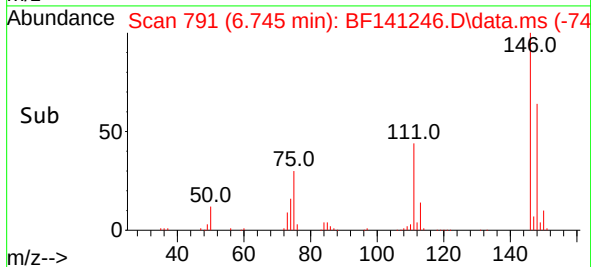
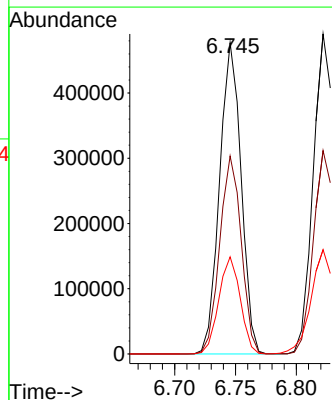
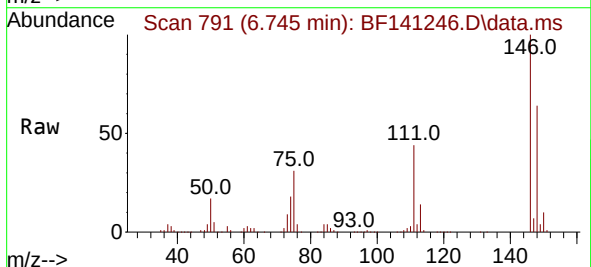
Tgt Ion:146 Resp: 587068

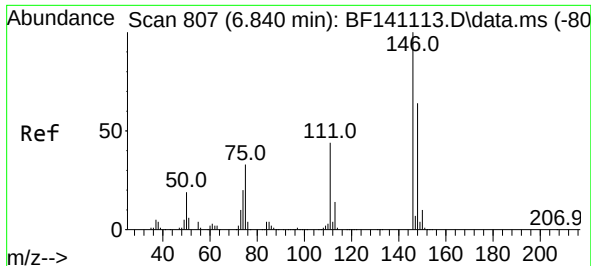
Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

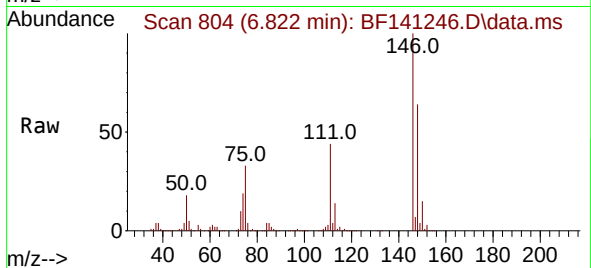
75 31.2 26.2 39.2



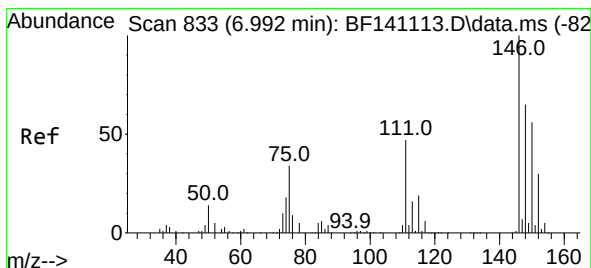
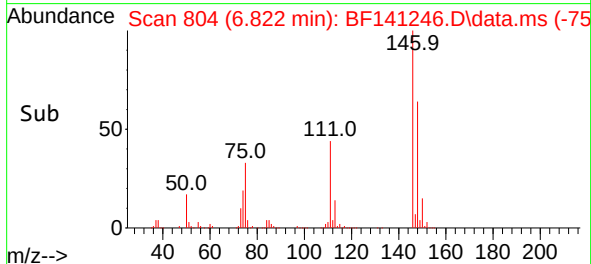
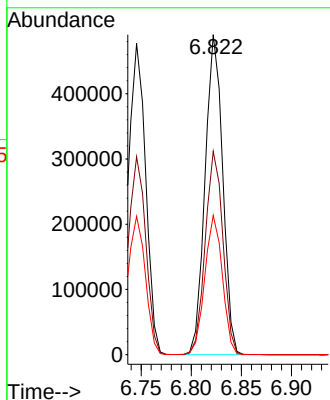


#13
1,4-Dichlorobenzene
Concen: 47.711 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Instrument :
BNA_F
ClientSampleId :
PB166185BS

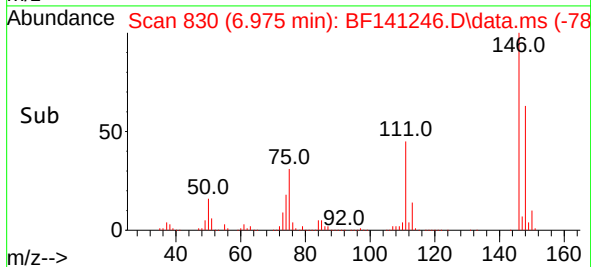
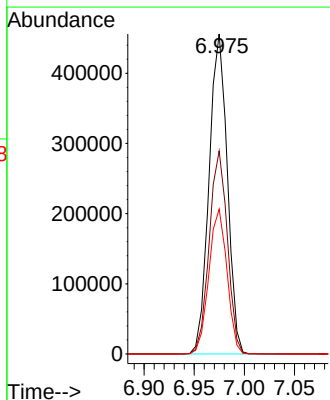
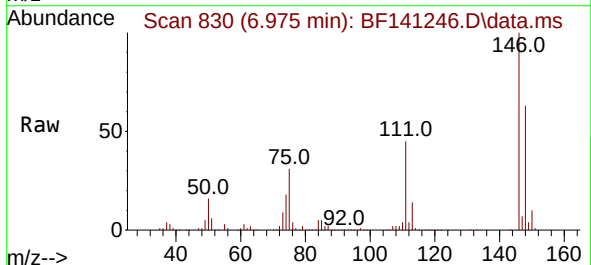


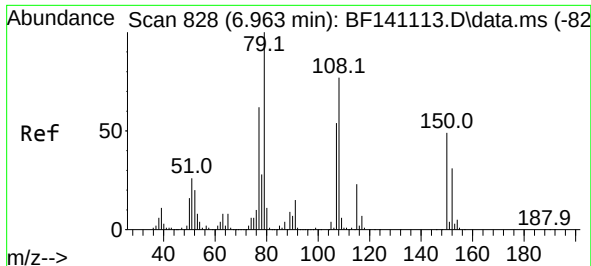
Tgt Ion:146 Resp: 601190
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 43.5 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 49.000 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:146 Resp: 575937
Ion Ratio Lower Upper
146 100
148 63.4 52.2 78.4
111 45.2 37.5 56.3

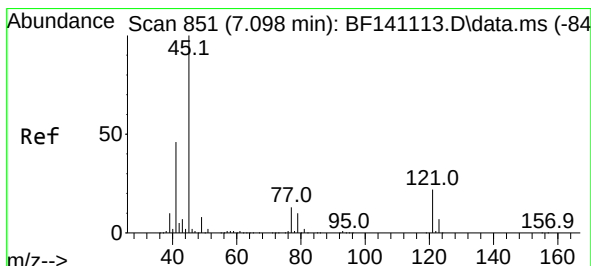
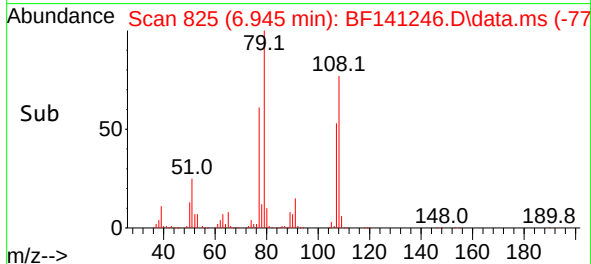
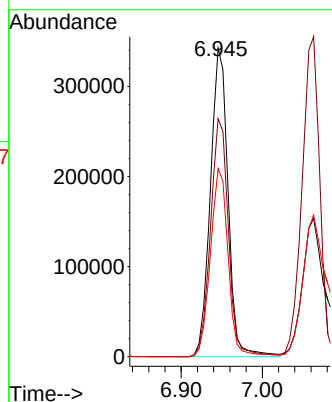
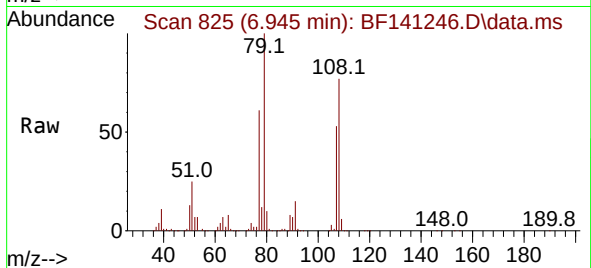




#15
Benzyl Alcohol
Concen: 54.182 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

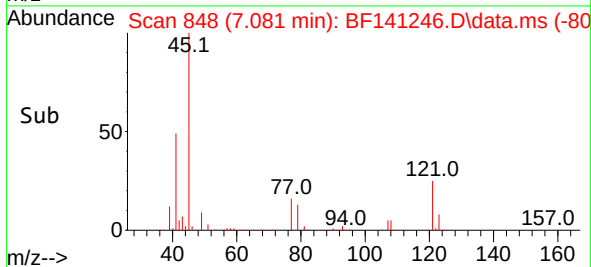
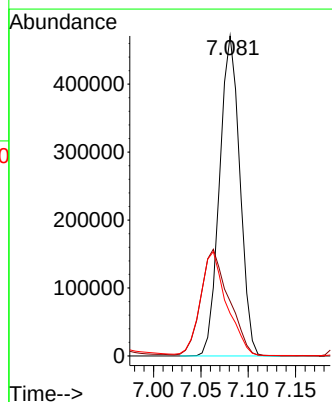
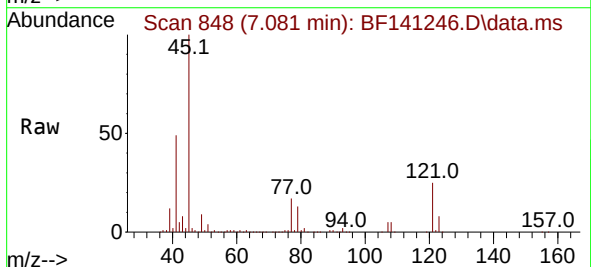
Instrument :
BNA_F
ClientSampleId :
PB166185BS

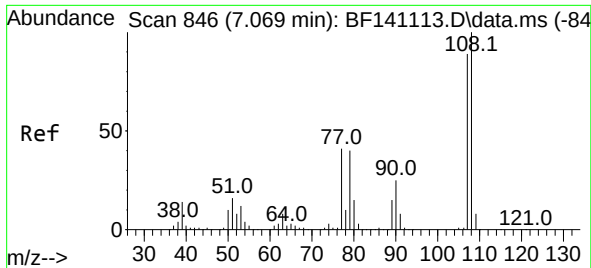
Tgt Ion: 79 Resp: 517946
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 61.0 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.713 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

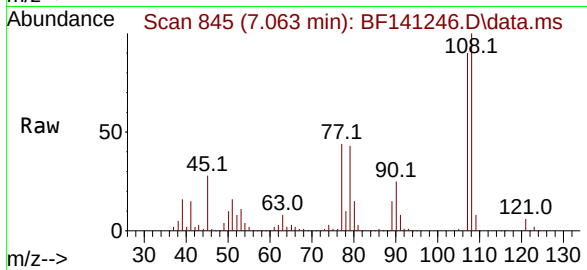
Tgt Ion: 45 Resp: 703089
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.1
79 13.3 0.0 31.0



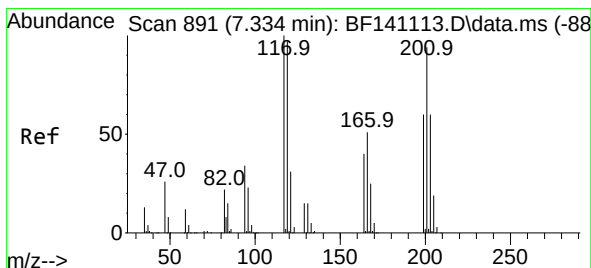
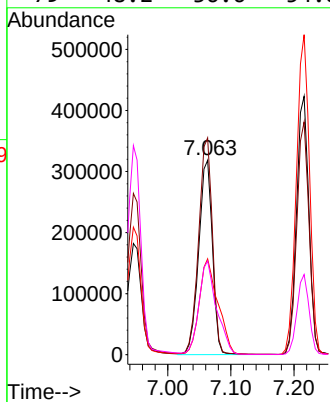
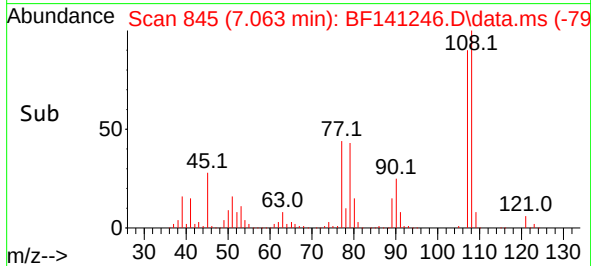


#17
2-Methylphenol
Concen: 53.044 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Instrument :
BNA_F
ClientSampleId :
PB166185BS

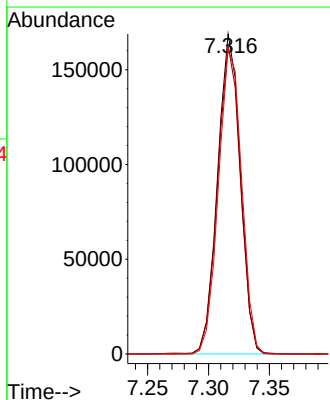
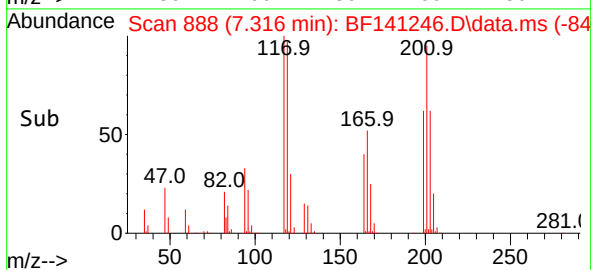
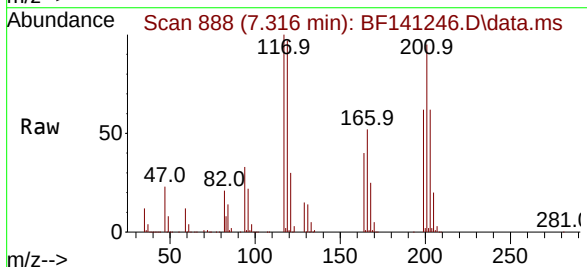


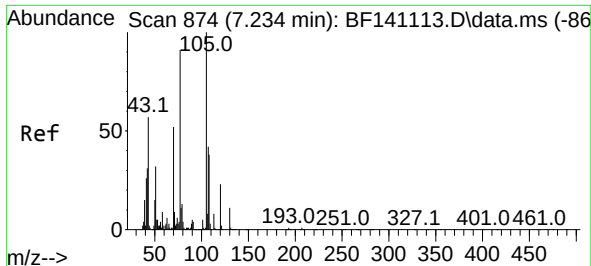
Tgt Ion:107 Resp: 480126
Ion Ratio Lower Upper
107 100
108 111.6 90.1 135.1
77 49.3 36.6 55.0
79 48.2 36.6 54.8



#18
Hexachloroethane
Concen: 48.178 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:117 Resp: 219535
Ion Ratio Lower Upper
117 100
119 96.5 77.6 116.4
201 95.5 75.1 112.7

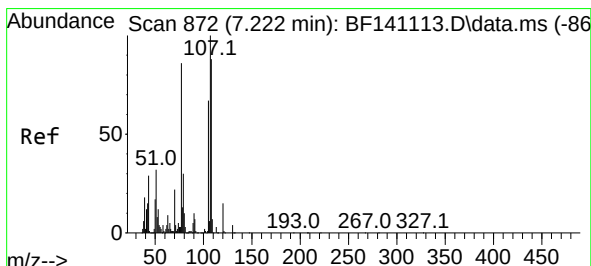
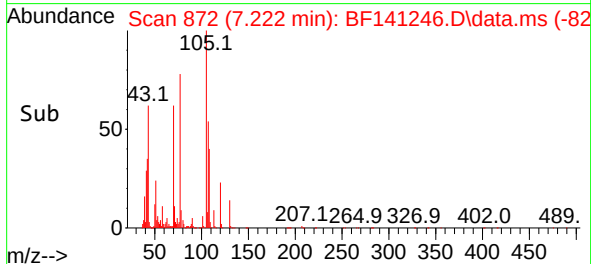
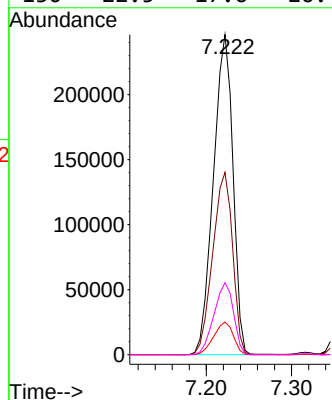
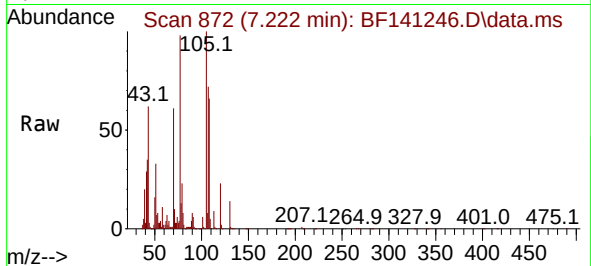




#19
n-Nitroso-di-n-propylamine
Concen: 50.226 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

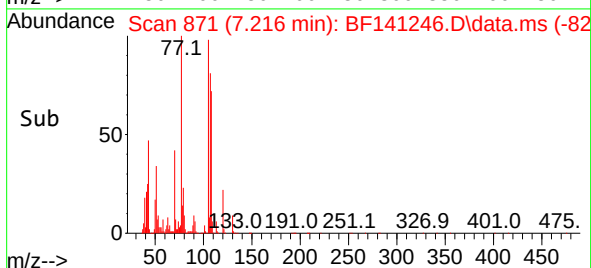
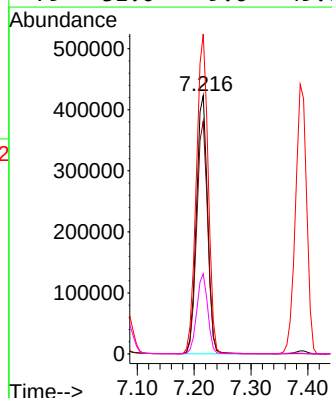
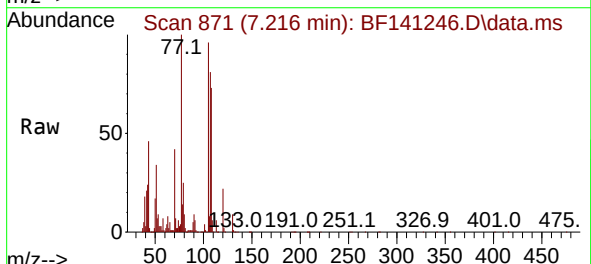
Instrument :
BNA_F
ClientSampleId :
PB166185BS

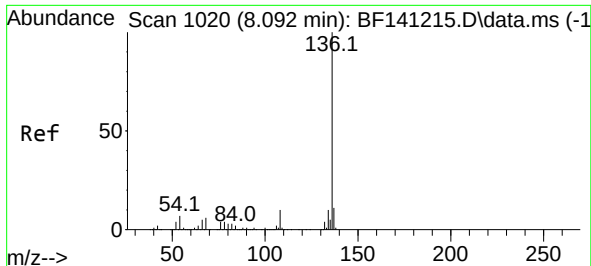
Tgt Ion: 70 Resp: 391629
Ion Ratio Lower Upper
70 100
42 56.9 47.8 71.6
101 10.2 7.9 11.9
130 22.5 17.6 26.4



#20
3+4-Methylphenols
Concen: 50.628 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion: 107 Resp: 578133
Ion Ratio Lower Upper
107 100
108 90.1 68.3 108.3
77 123.8 66.4 106.4#
79 31.0 9.6 49.6

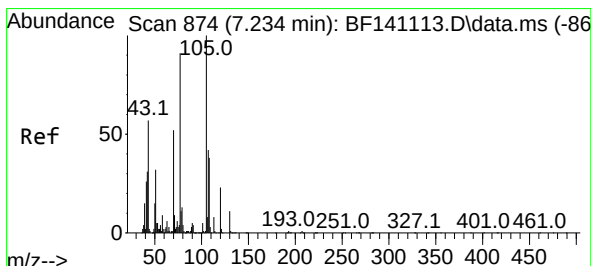
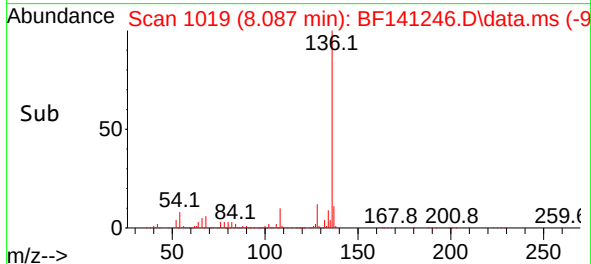
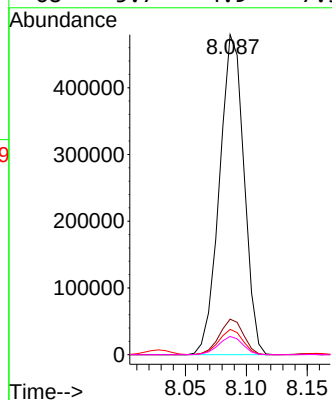
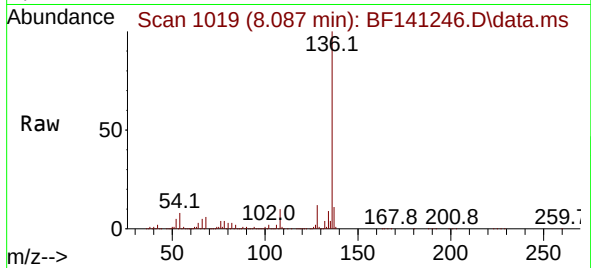




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

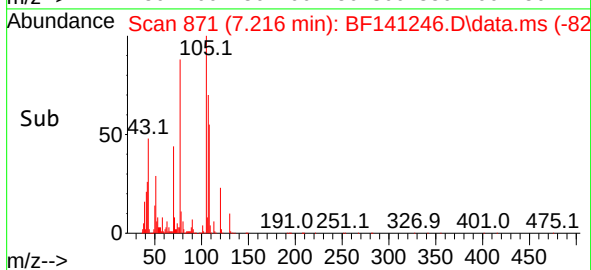
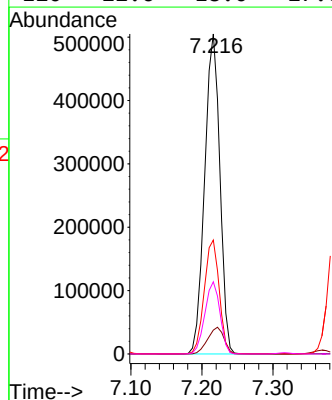
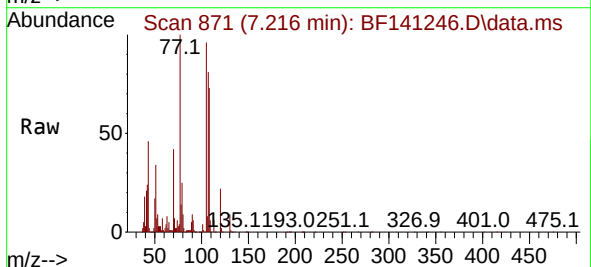
Instrument :
BNA_F
ClientSampleId :
PB166185BS

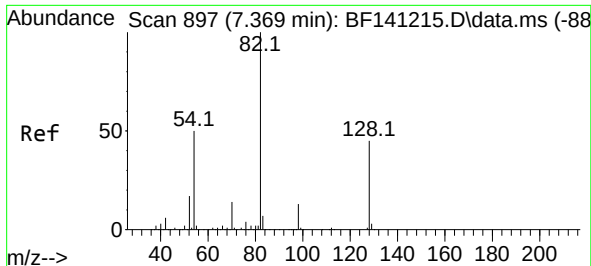
Tgt Ion:	136	Resp:	670902
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.9	6.3	9.5
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 47.219 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:	105	Resp:	753090
Ion Ratio	Lower	Upper	
105	100		
71	7.5	7.1	10.7
51	35.6	25.4	38.2
120	22.6	18.0	27.0





#23

Nitrobenzene-d5

Concen: 91.562 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.018 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

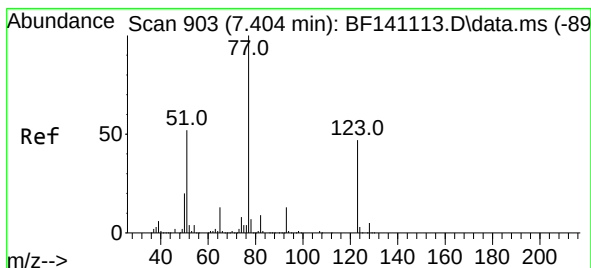
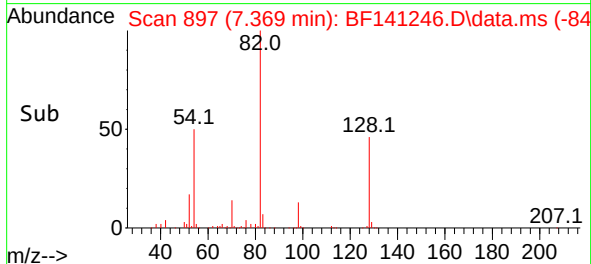
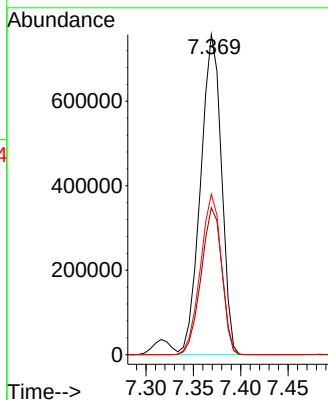
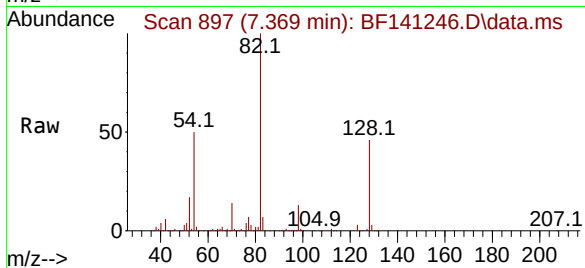
BNA_F

ClientSampleId :

PB166185BS

Tgt Ion: 82 Resp: 1158851

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	50.2	41.0	61.4



#24

Nitrobenzene

Concen: 45.530 ng

RT: 7.387 min Scan# 900

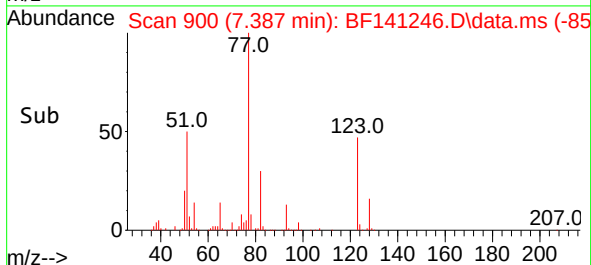
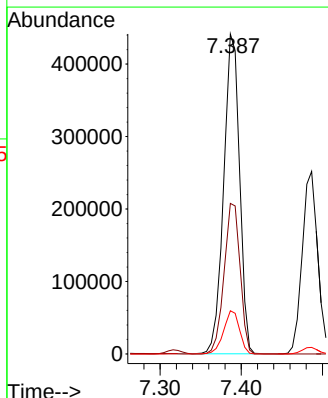
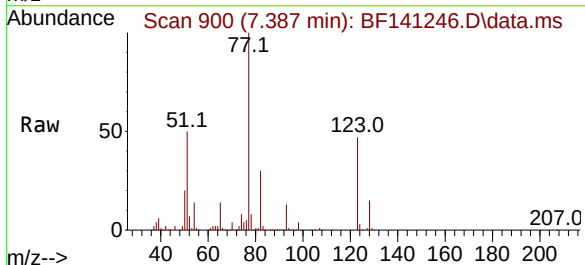
Delta R.T. -0.018 min

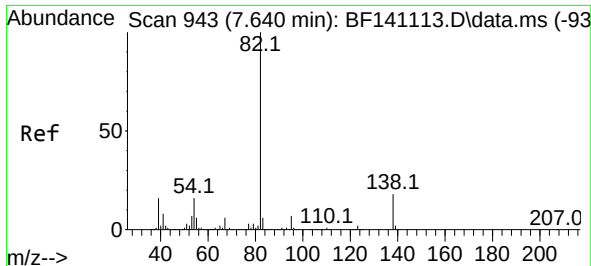
Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Tgt Ion: 77 Resp: 600572

Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.7	56.5
65	13.5	10.6	16.0

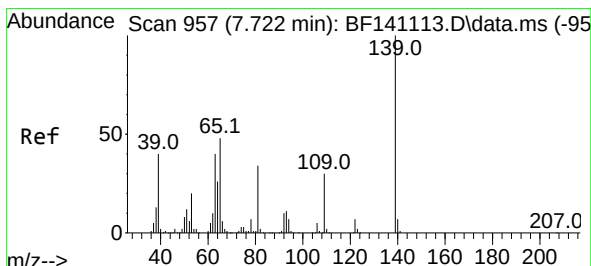
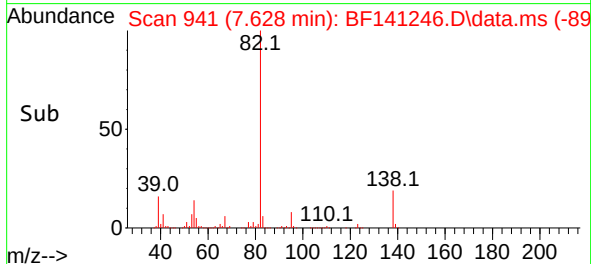
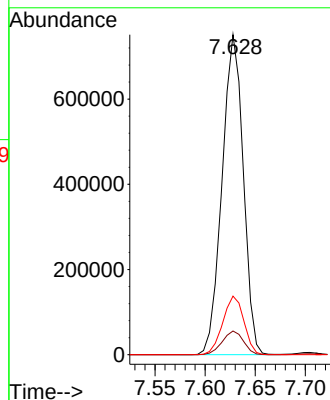
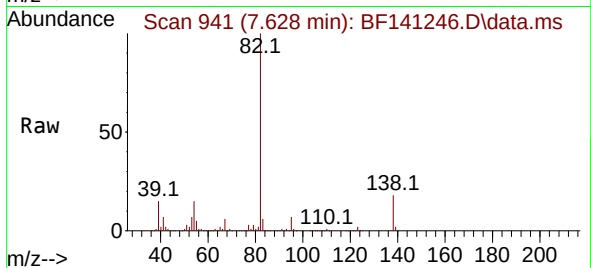




#25
Isophorone
Concen: 51.020 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

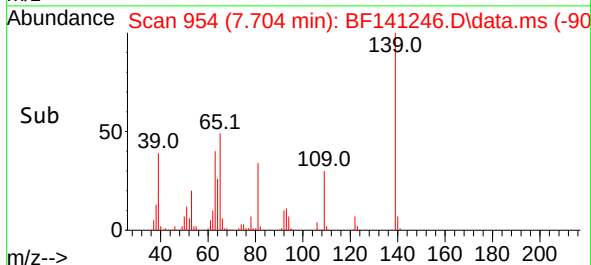
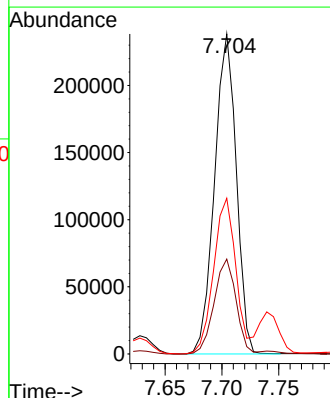
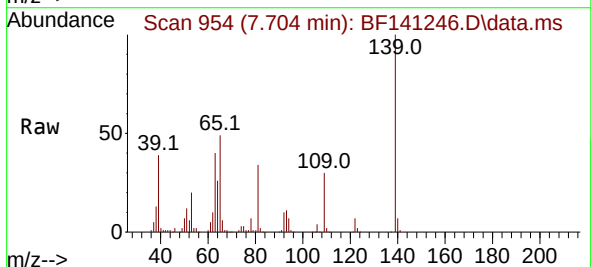
Instrument :
BNA_F
ClientSampleId :
PB166185BS

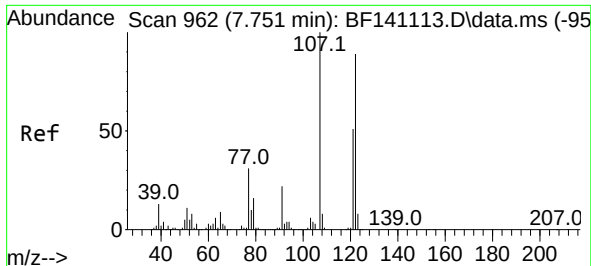
Tgt Ion: 82 Resp: 1103534
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.3 14.2 21.2



#26
2-Nitrophenol
Concen: 52.894 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:139 Resp: 317380
Ion Ratio Lower Upper
139 100
109 29.6 23.8 35.6
65 48.7 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 60.813 ng

RT: 7.740 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

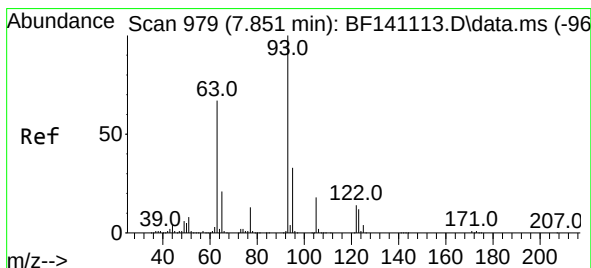
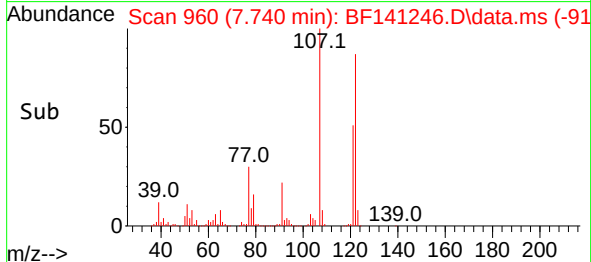
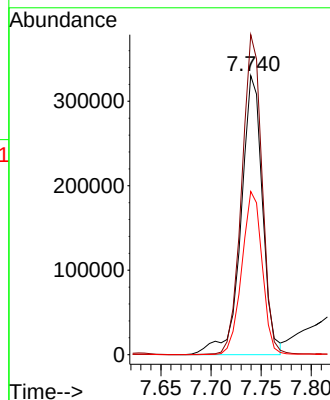
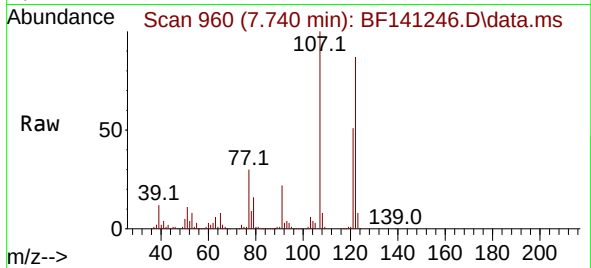
Tgt Ion:122 Resp: 492190

Ion Ratio Lower Upper

122 100

107 114.7 90.3 135.5

121 58.5 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 49.318 ng

RT: 7.840 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

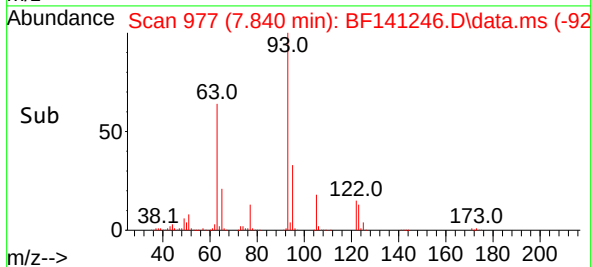
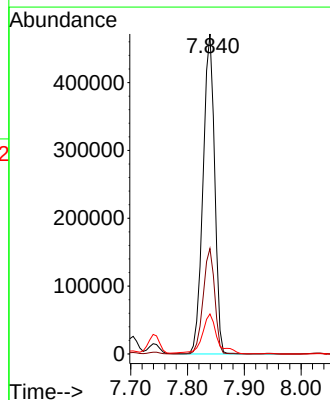
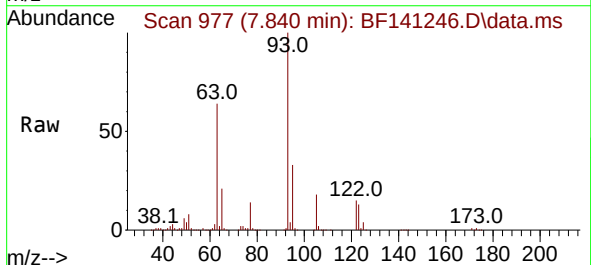
Tgt Ion: 93 Resp: 669453

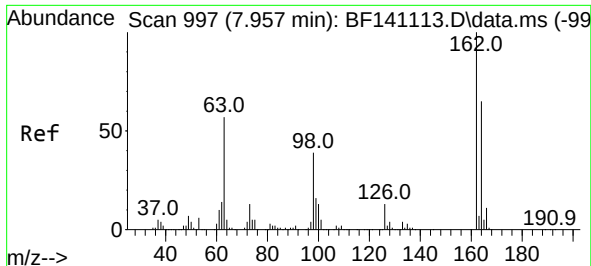
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 12.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 51.877 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

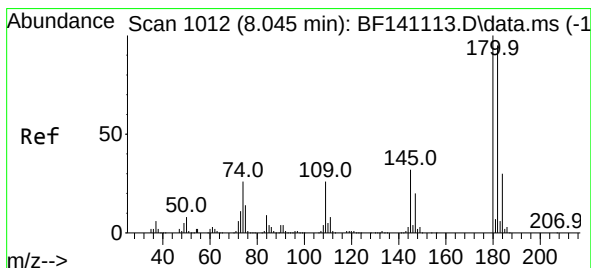
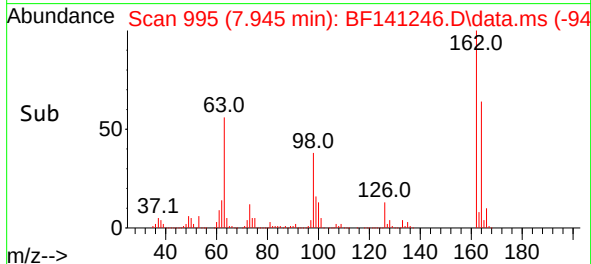
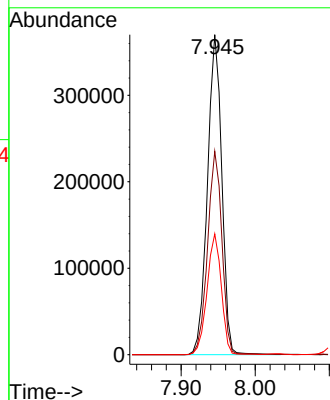
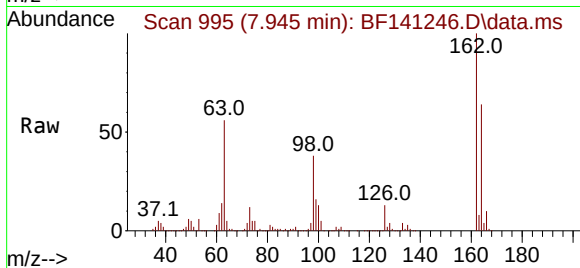
Tgt Ion:162 Resp: 498662

Ion Ratio Lower Upper

162 100

164 63.6 44.5 84.5

98 37.8 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 46.485 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

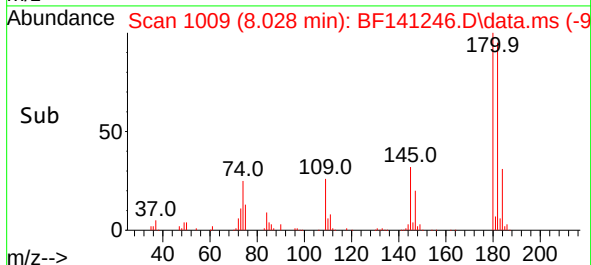
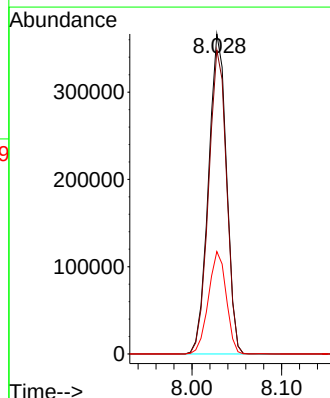
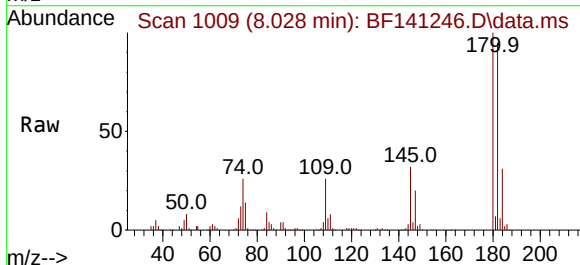
Tgt Ion:180 Resp: 510747

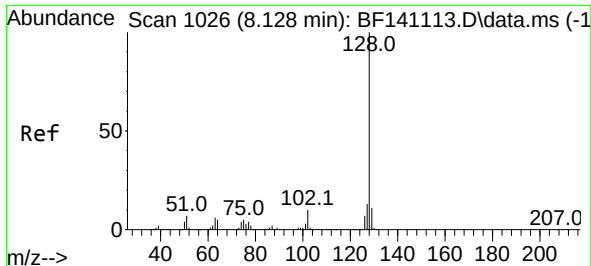
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

145 32.0 25.3 37.9

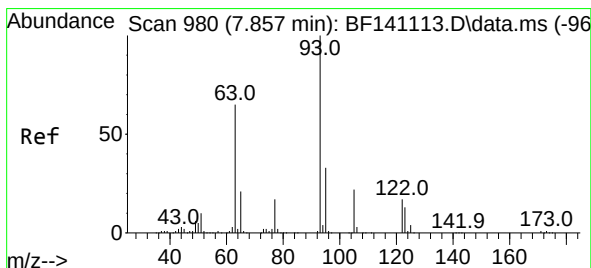
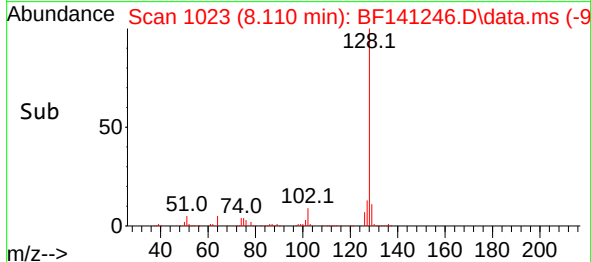
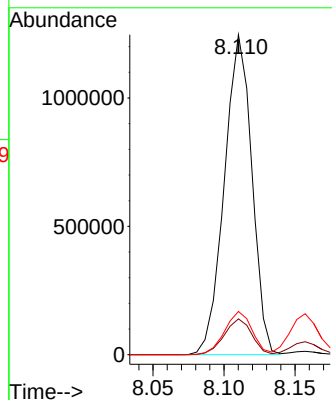
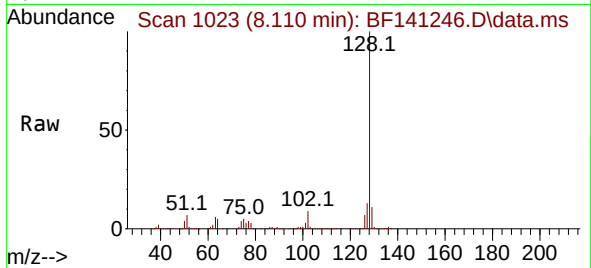




#31
Naphthalene
Concen: 47.558 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

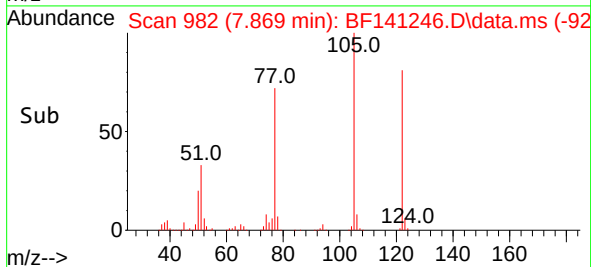
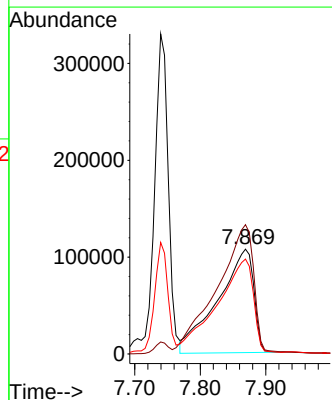
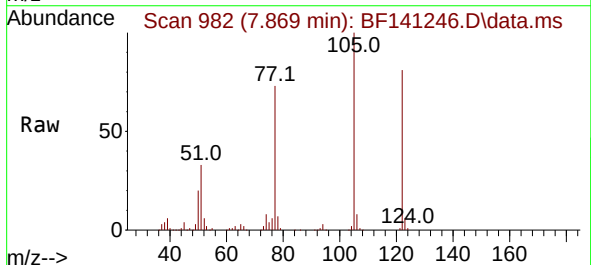
Instrument :
BNA_F
ClientSampleId :
PB166185BS

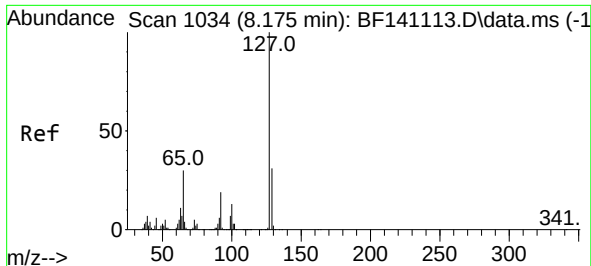
Tgt Ion:128 Resp: 1682640
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 52.404 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:122 Resp: 406856
Ion Ratio Lower Upper
122 100
105 123.4 105.5 145.5
77 90.6 75.1 115.1

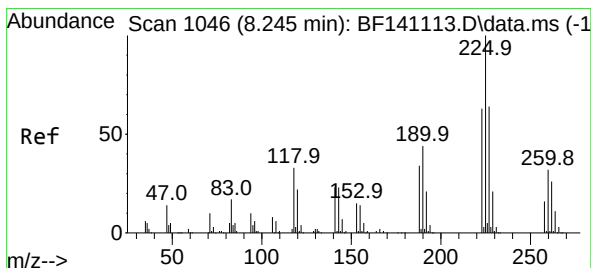
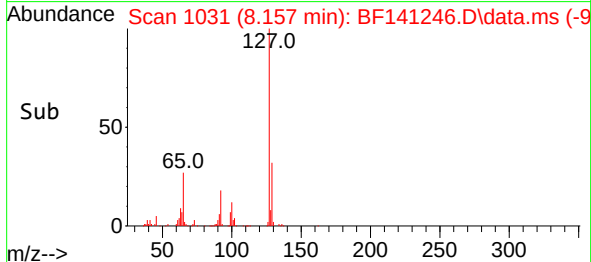
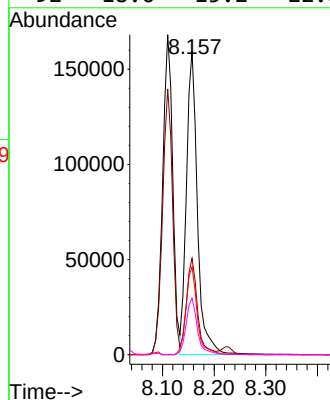
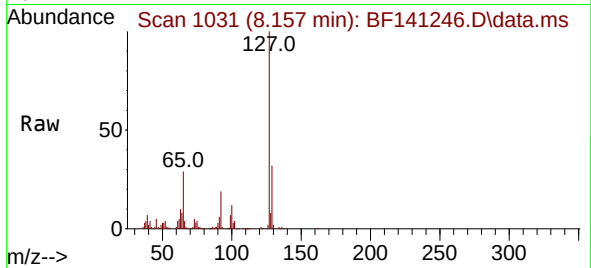




#33
4-Chloroaniline
Concen: 19.295 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

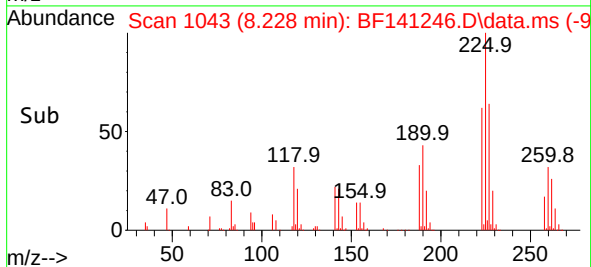
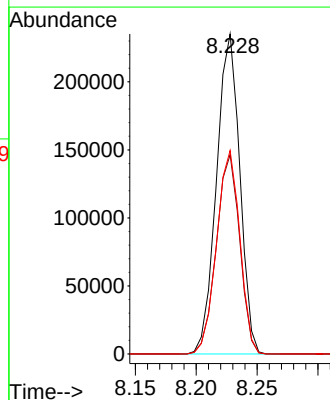
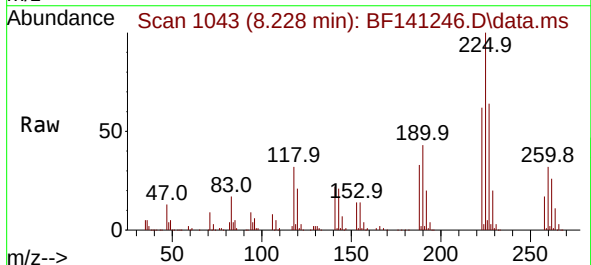
Instrument :
BNA_F
ClientSampleId :
PB166185BS

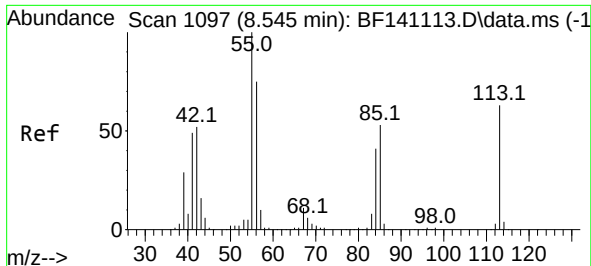
Tgt Ion:	127	Resp:	236090
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	28.9	23.8	35.8
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 47.248 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:	225	Resp:	312806
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.6	51.6	77.4

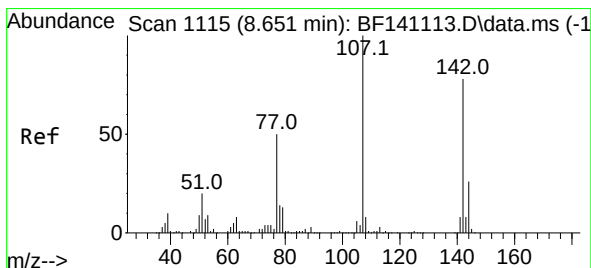
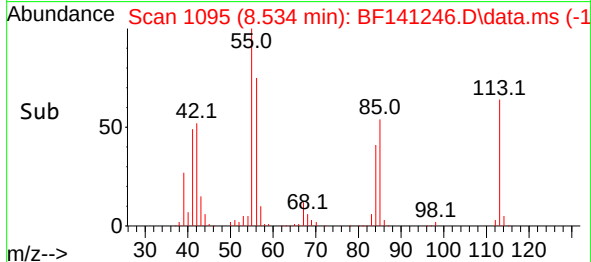
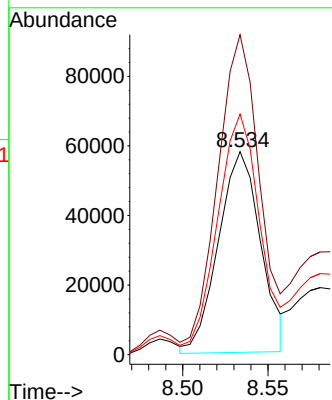
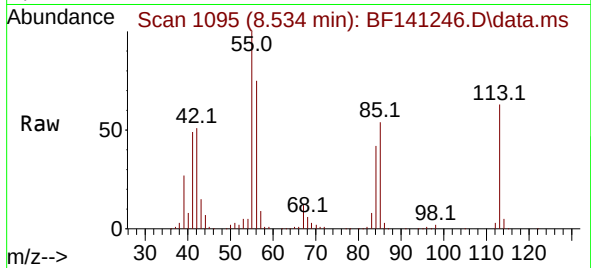




#35
 Caprolactam
 Concen: 31.639 ng
 RT: 8.534 min Scan# 1113
 Delta R.T. -0.012 min
 Lab File: BF141246.D
 Acq: 23 Jan 2025 13:33

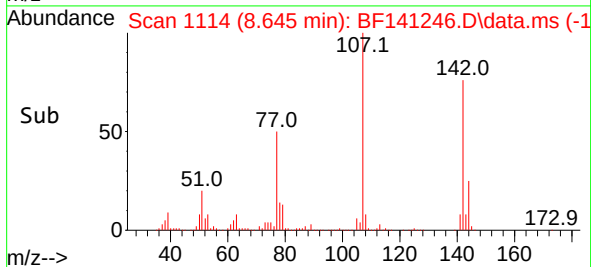
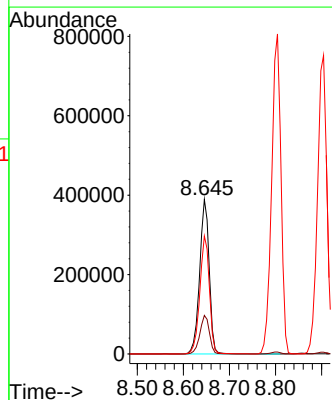
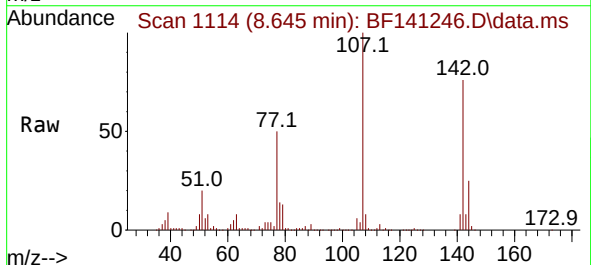
Instrument :
 BNA_F
 ClientSampleId :
 PB166185BS

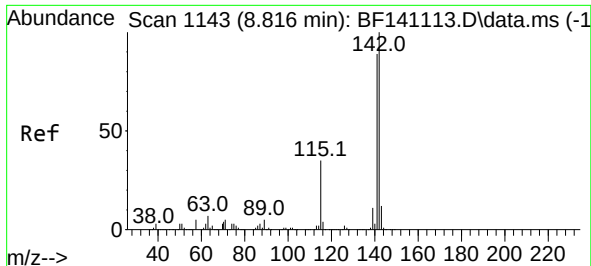
Tgt Ion:113 Resp: 99568
 Ion Ratio Lower Upper
 113 100
 55 157.6 139.7 179.7
 56 118.6 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 53.424 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: BF141246.D
 Acq: 23 Jan 2025 13:33

Tgt Ion:107 Resp: 561627
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.4 30.6
 142 76.3 62.2 93.2





#37

2-Methylnaphthalene

Concen: 49.965 ng

RT: 8.804 min Scan# 1141

Delta R.T. -0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

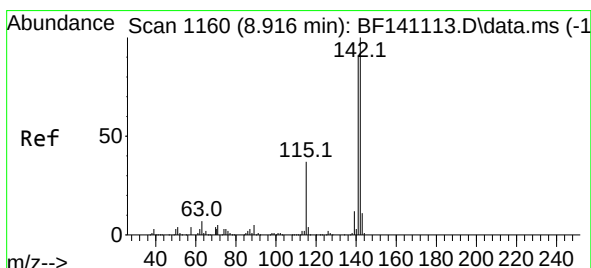
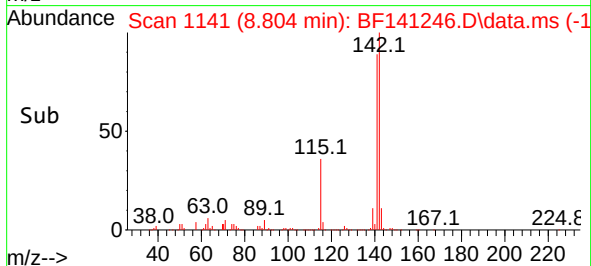
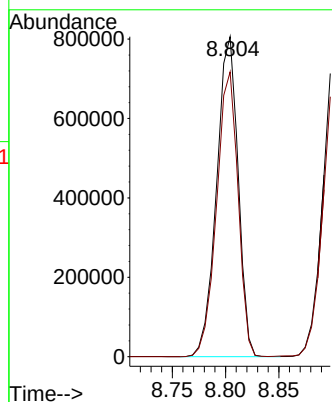
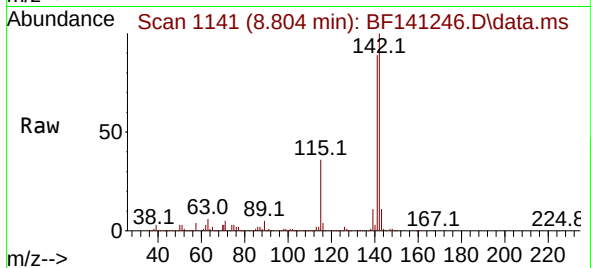
PB166185BS

Tgt Ion:142 Resp: 1126504

Ion Ratio Lower Upper

142 100

141 89.0 71.3 106.9



#38

1-Methylnaphthalene

Concen: 47.283 ng

RT: 8.904 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF141246.D

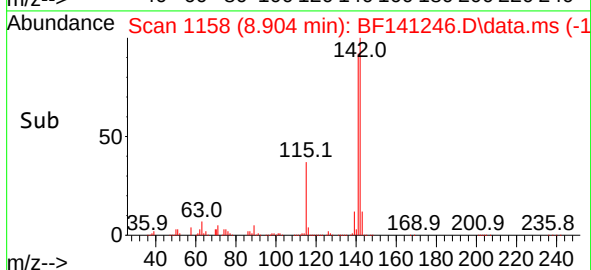
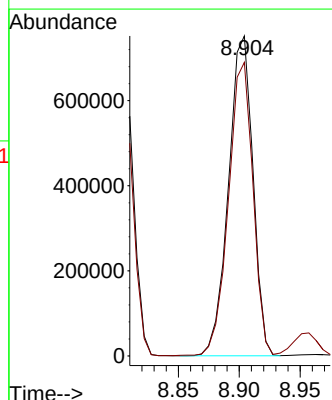
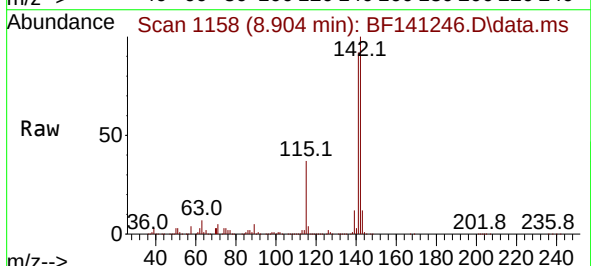
Acq: 23 Jan 2025 13:33

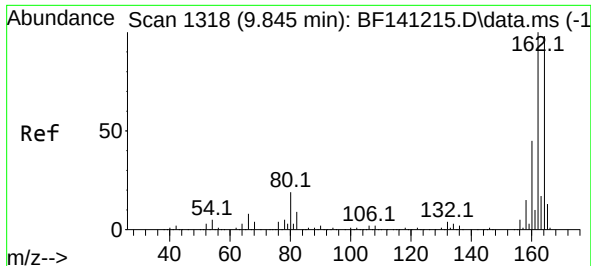
Tgt Ion:142 Resp: 1050604

Ion Ratio Lower Upper

142 100

141 91.8 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: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

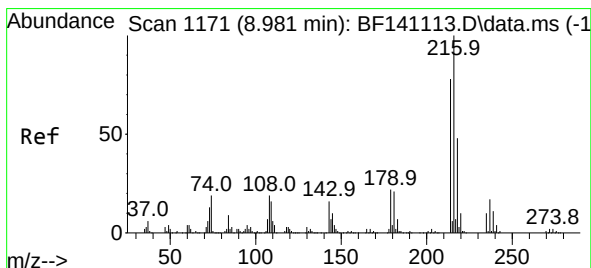
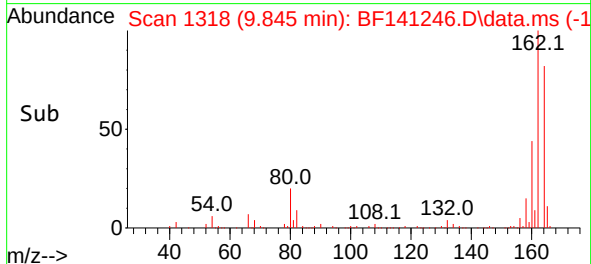
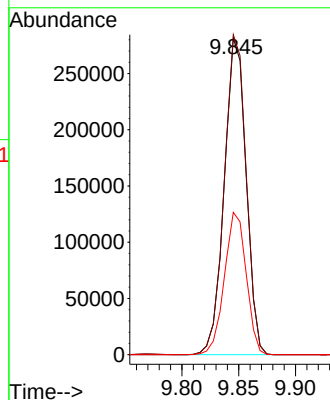
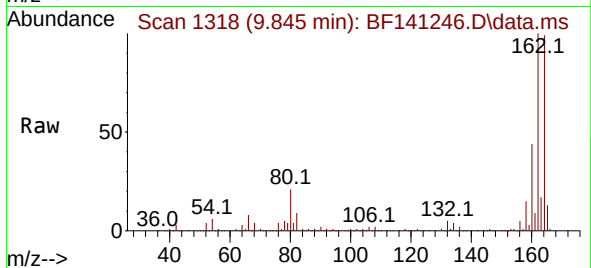
Tgt Ion:164 Resp: 376642

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 45.0 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.244 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Tgt Ion:216 Resp: 521537

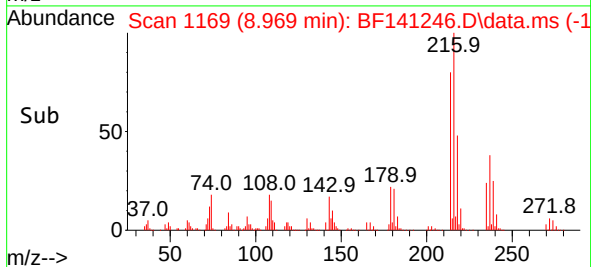
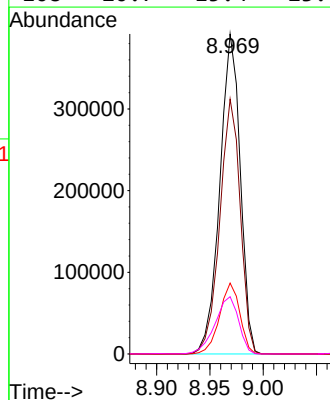
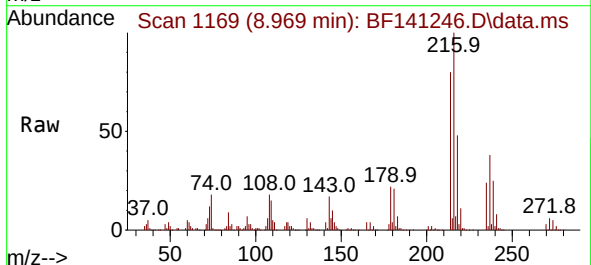
Ion Ratio Lower Upper

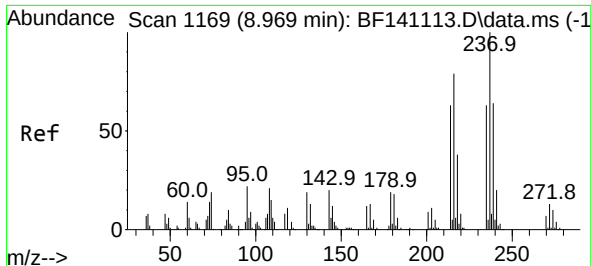
216 100

214 79.5 62.6 94.0

179 22.0 17.7 26.5

108 20.7 15.4 23.0

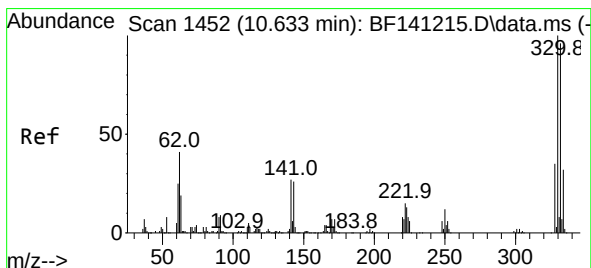
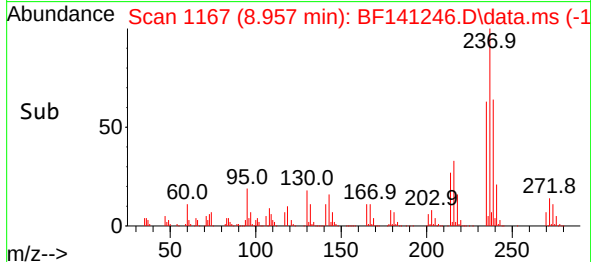
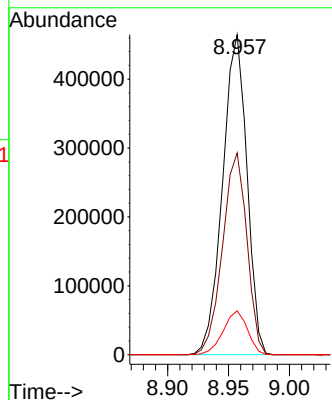
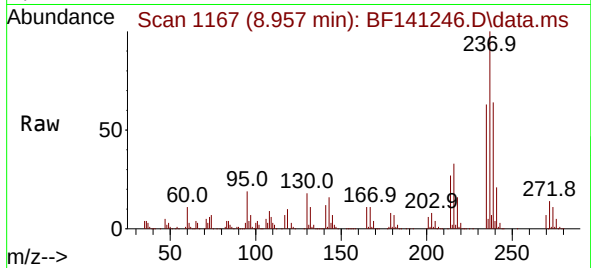




#41
Hexachlorocyclopentadiene
Concen: 182.659 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

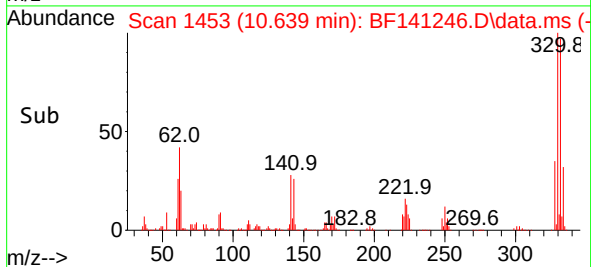
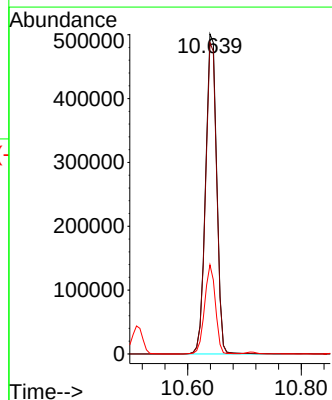
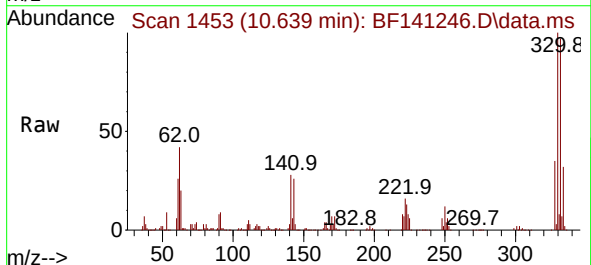
Instrument :
BNA_F
ClientSampleId :
PB166185BS

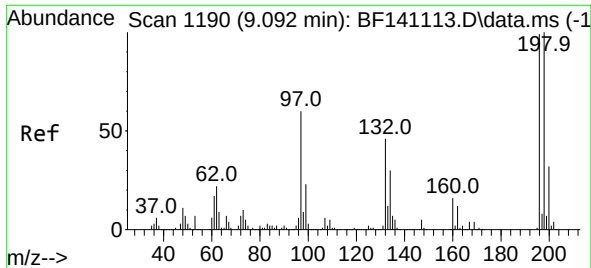
Tgt Ion:237 Resp: 646026
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.7 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 158.223 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:330 Resp: 679029
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 27.2 25.2 37.8

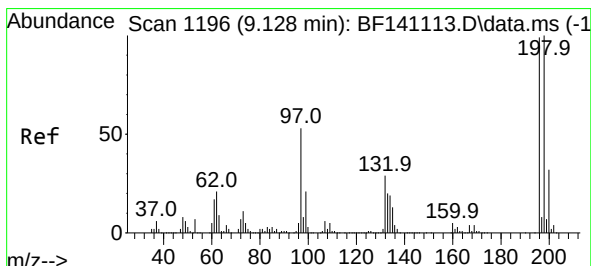
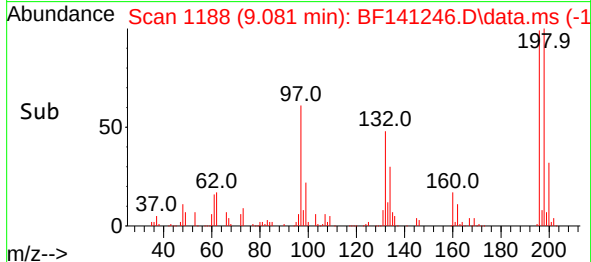
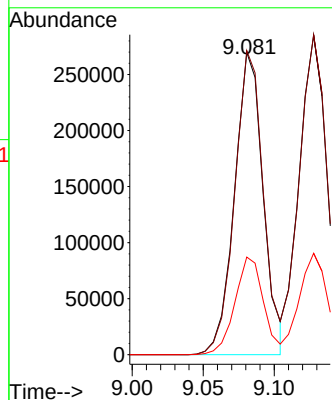
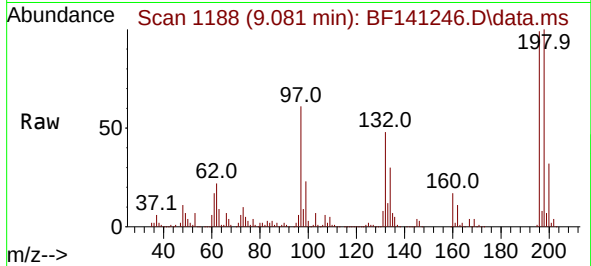




#43
2,4,6-Trichlorophenol
Concen: 51.890 ng
RT: 9.081 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

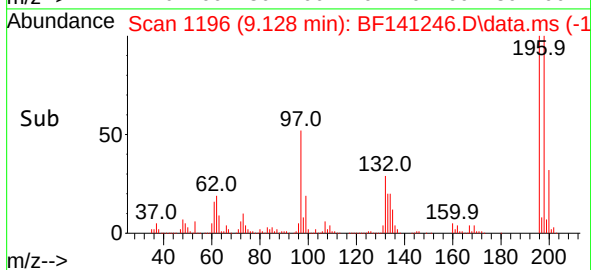
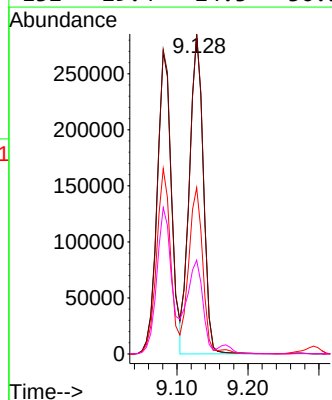
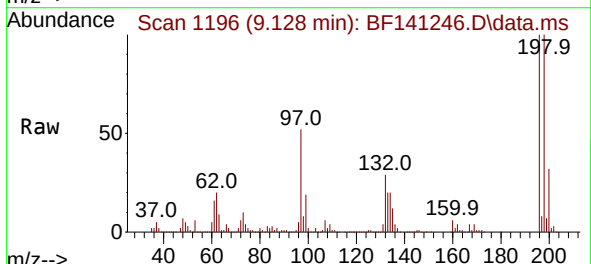
Instrument :
BNA_F
ClientSampleId :
PB166185BS

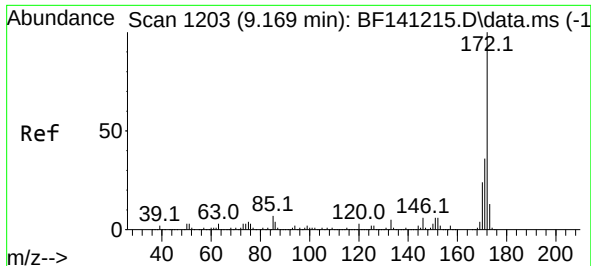
Tgt Ion:196 Resp: 378327
Ion Ratio Lower Upper
196 100
198 100.6 80.8 121.2
200 32.3 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 50.242 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:196 Resp: 386866
Ion Ratio Lower Upper
196 100
198 100.2 80.6 120.8
97 52.0 43.1 64.7
132 29.4 24.3 36.5

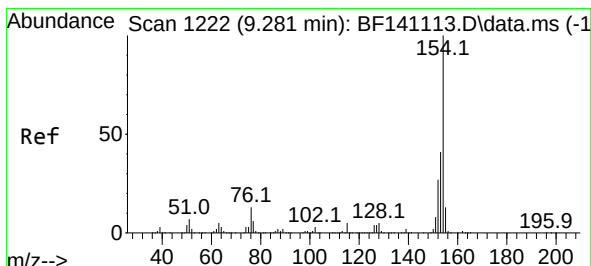
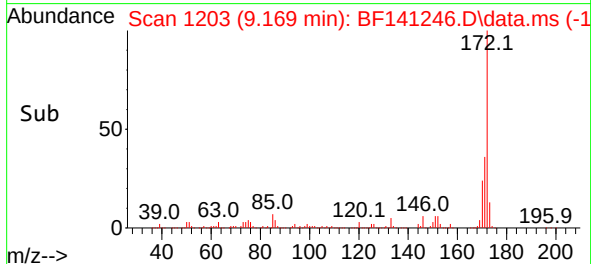
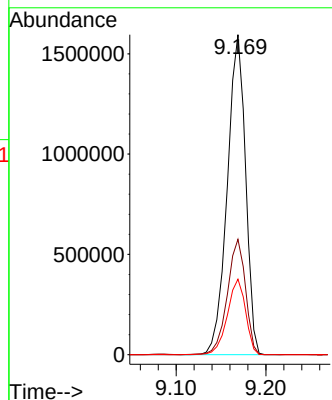
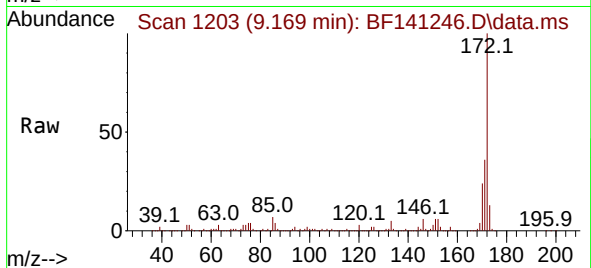




#45
2-Fluorobiphenyl
Concen: 91.392 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

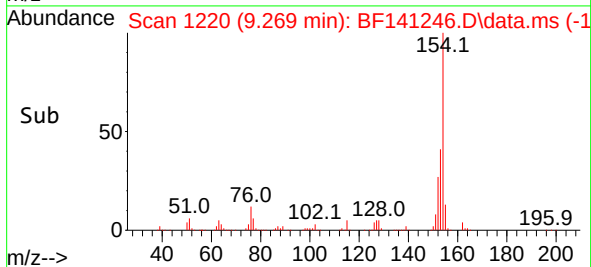
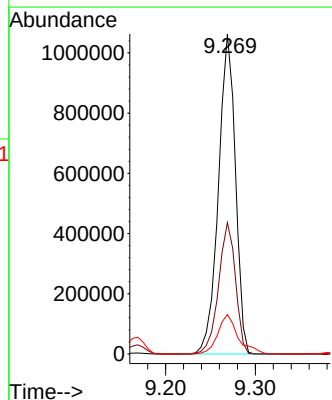
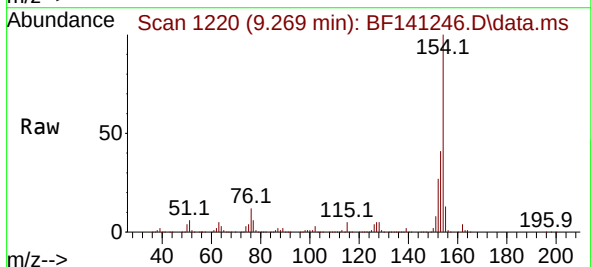
Instrument :
BNA_F
ClientSampleId :
PB166185BS

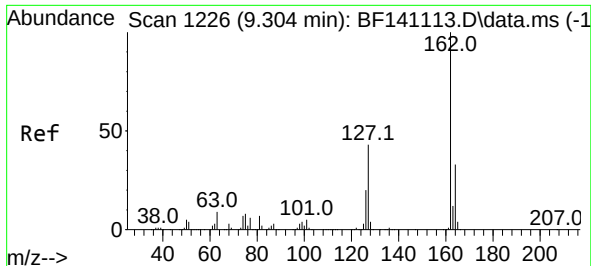
Tgt Ion:172 Resp: 2254169
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 47.705 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:154 Resp: 1395378
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 12.3 0.0 33.1

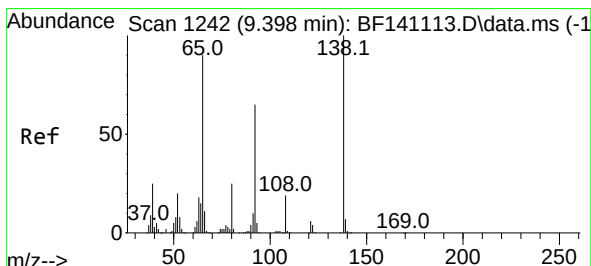
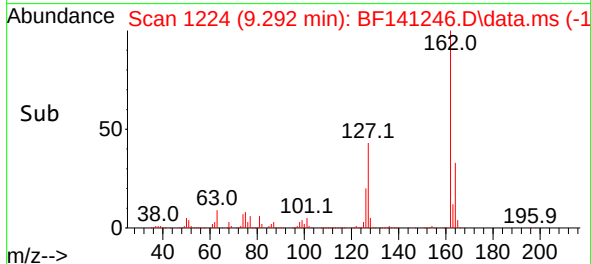
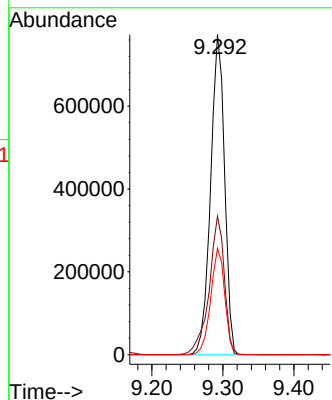
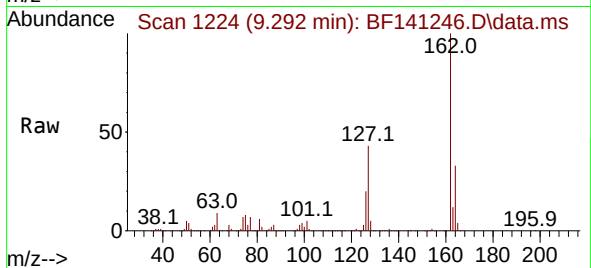




#47
2-Chloronaphthalene
Concen: 46.471 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

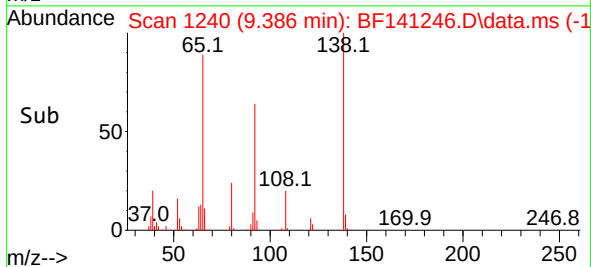
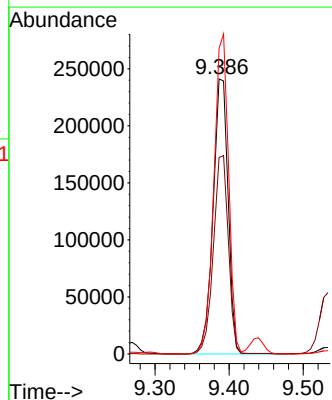
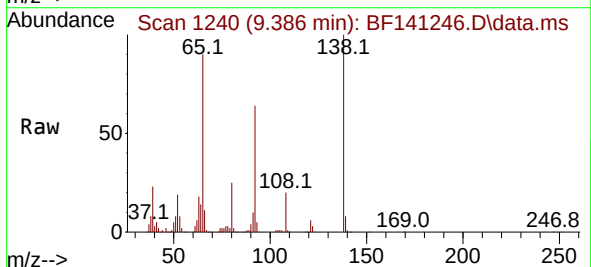
Instrument :
BNA_F
ClientSampleId :
PB166185BS

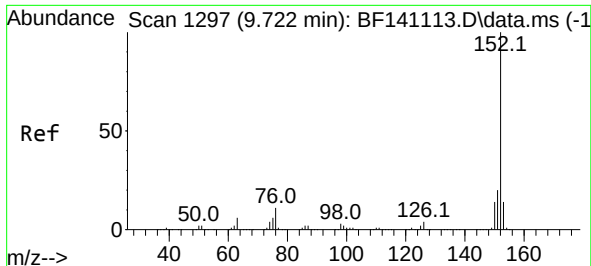
Tgt Ion:162 Resp: 1058714
Ion Ratio Lower Upper
162 100
127 43.3 34.6 51.8
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 50.431 ng
RT: 9.386 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion: 65 Resp: 340578
Ion Ratio Lower Upper
65 100
92 71.4 58.3 87.5
138 111.1 89.1 133.7

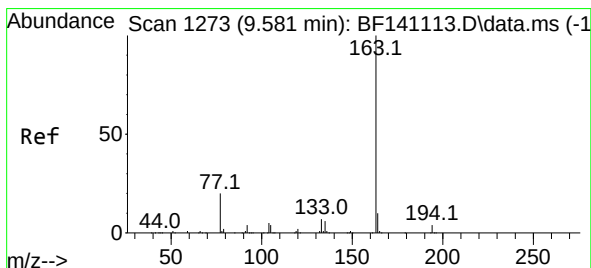
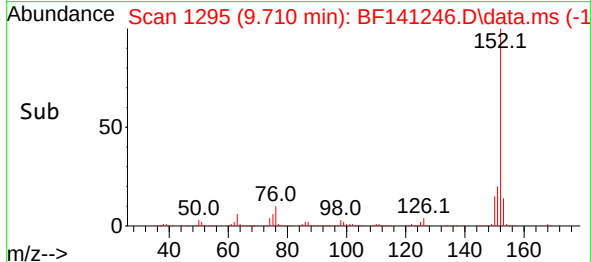
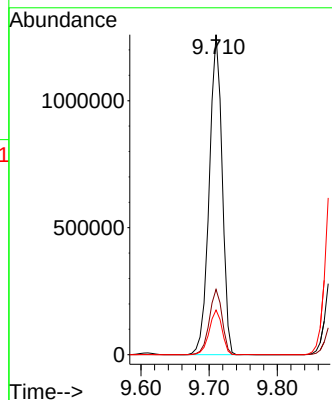
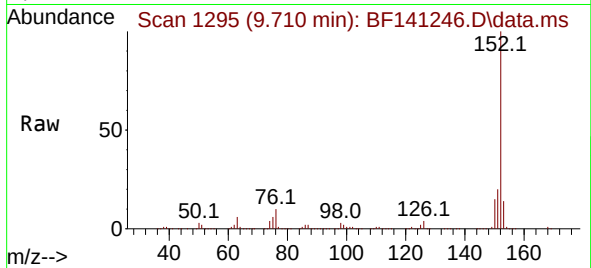




#49
Acenaphthylene
Concen: 50.927 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

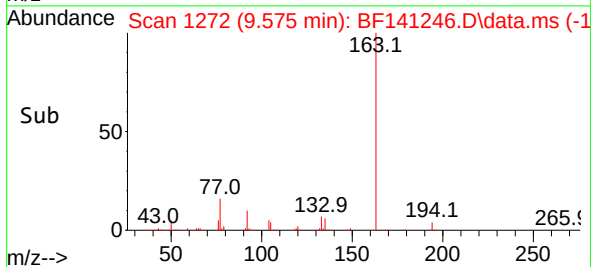
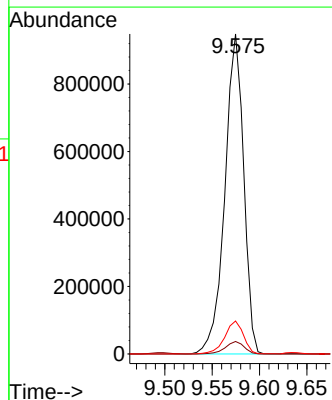
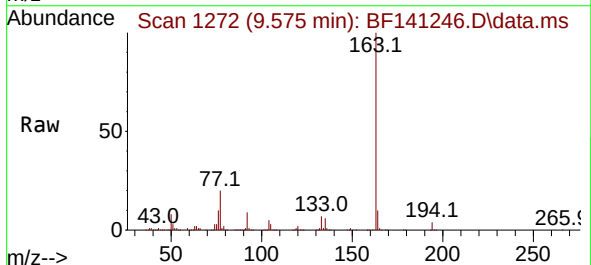
Instrument :
BNA_F
ClientSampleId :
PB166185BS

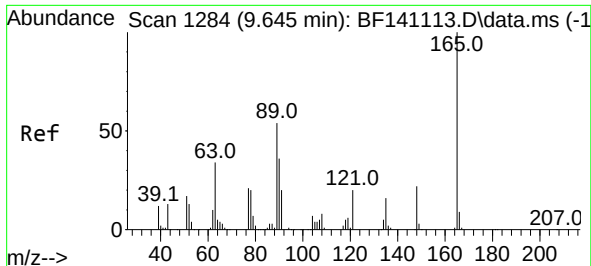
Tgt Ion:152 Resp: 1657616
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 51.765 ng
RT: 9.575 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:163 Resp: 1308912
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.2 12.4

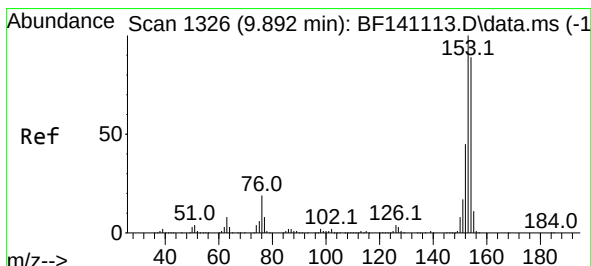
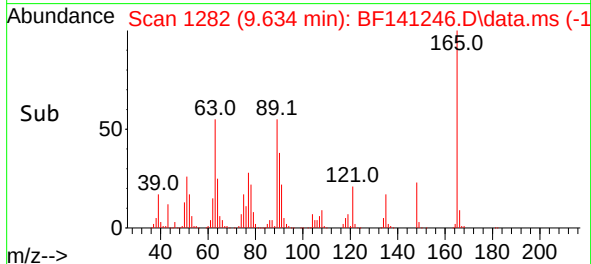
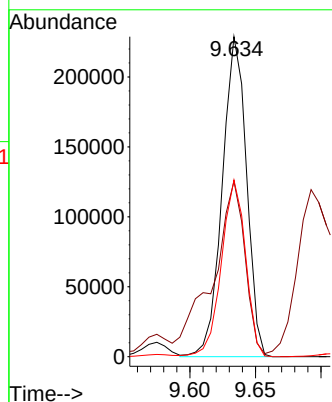
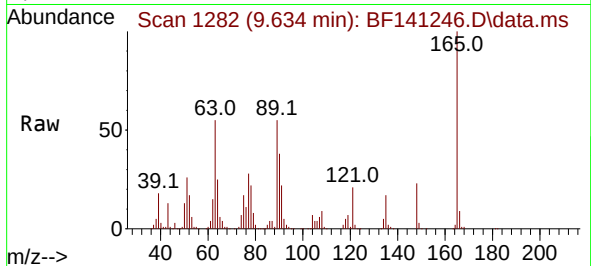




#51
2,6-Dinitrotoluene
Concen: 50.019 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

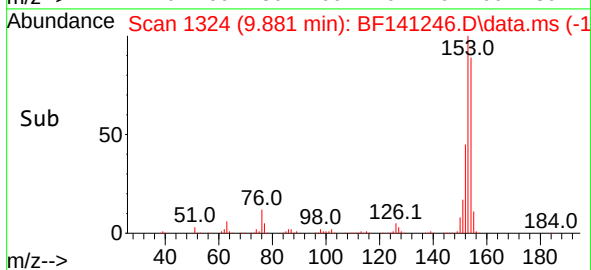
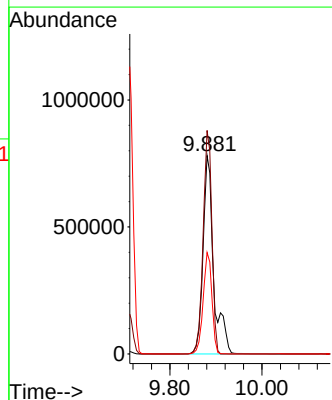
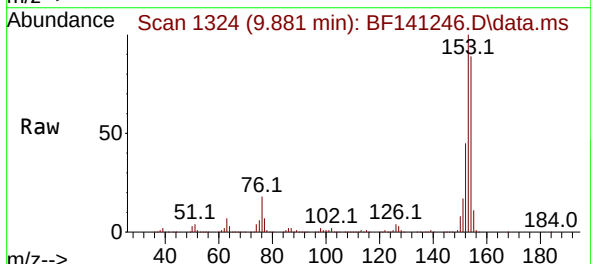
Instrument :
BNA_F
ClientSampleId :
PB166185BS

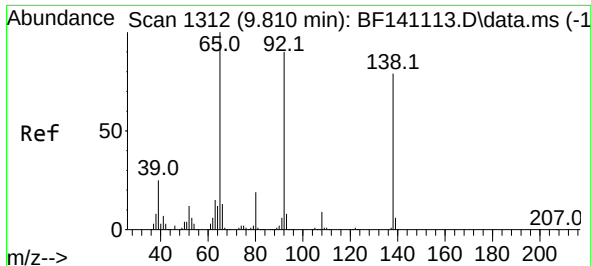
Tgt Ion:165 Resp: 294113
Ion Ratio Lower Upper
165 100
63 54.8 42.3 63.5
89 55.2 43.1 64.7



#52
Acenaphthene
Concen: 55.436 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:154 Resp: 1260634
Ion Ratio Lower Upper
154 100
153 112.7 89.8 134.6
152 51.1 40.8 61.2

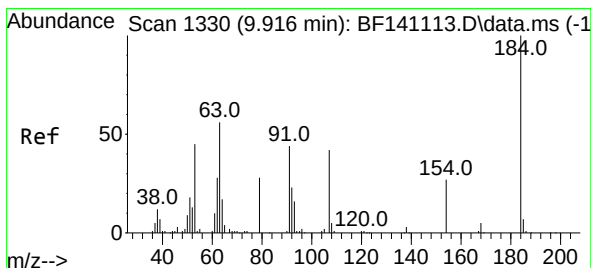
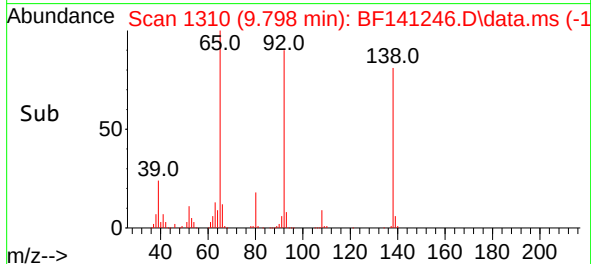
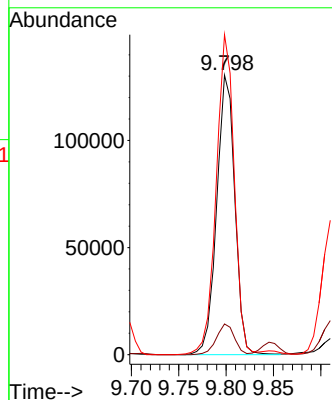
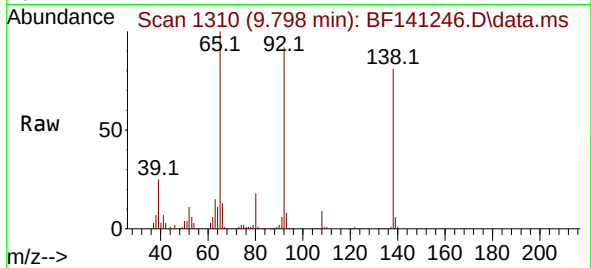




#53
3-Nitroaniline
Concen: 29.189 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

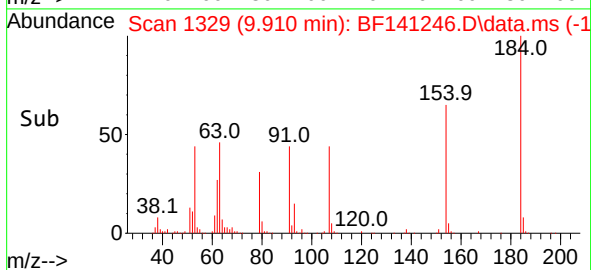
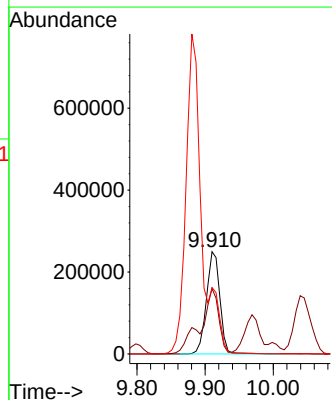
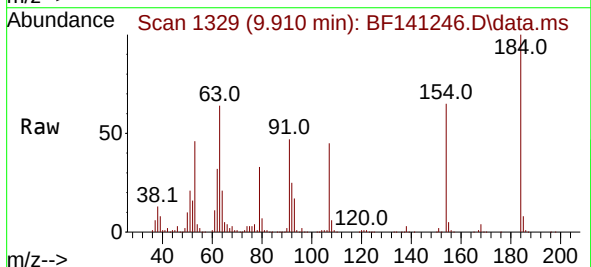
Instrument :
BNA_F
ClientSampleId :
PB166185BS

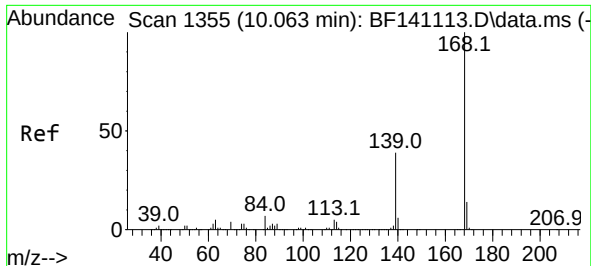
Tgt Ion:138 Resp: 174414
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 114.5 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 122.855 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:184 Resp: 343368
Ion Ratio Lower Upper
184 100
63 63.9 48.7 73.1
154 64.9 57.1 85.7

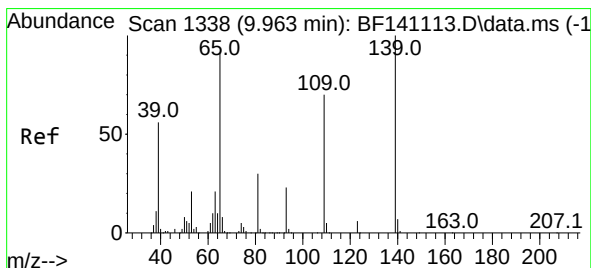
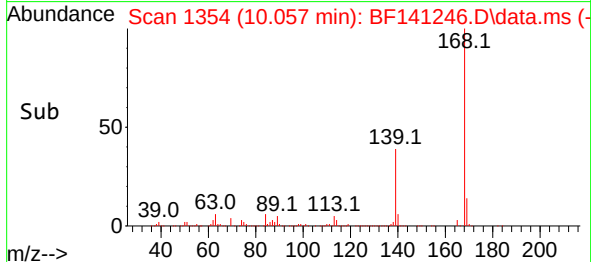
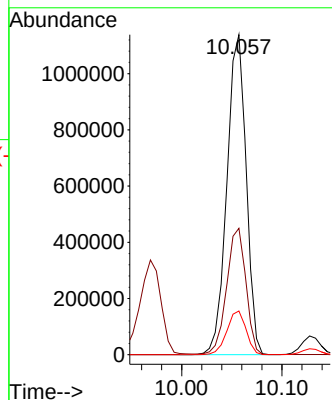
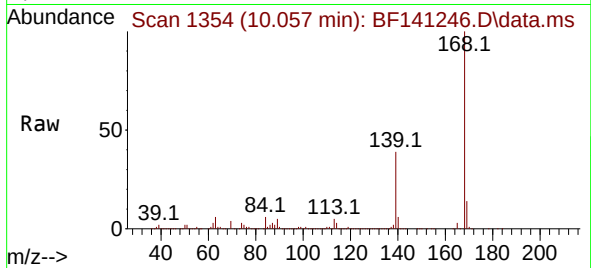




#55
Dibenzenofuran
Concen: 49.134 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

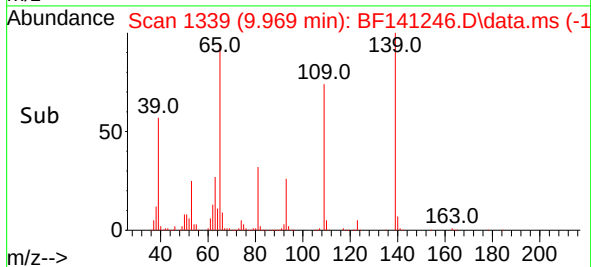
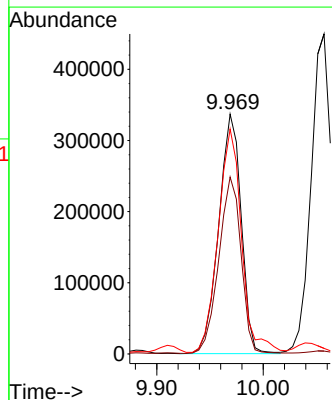
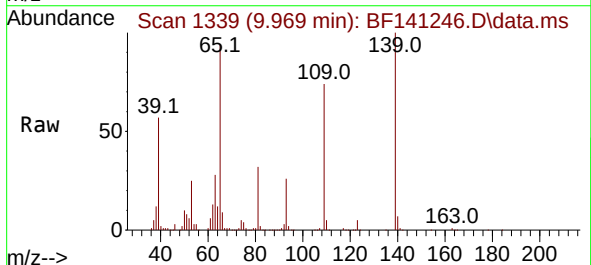
Instrument :
BNA_F
ClientSampleId :
PB166185BS

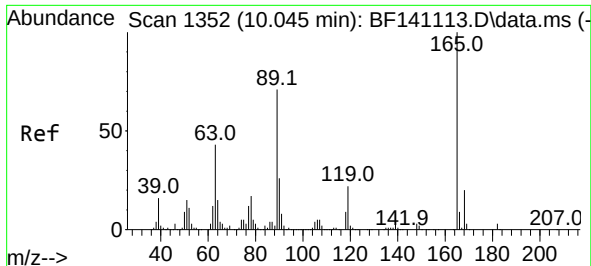
Tgt Ion:168 Resp: 1519777
Ion Ratio Lower Upper
168 100
139 39.5 31.4 47.0
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 105.373 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:139 Resp: 493114
Ion Ratio Lower Upper
139 100
109 73.8 50.2 90.2
65 93.8 72.1 112.1

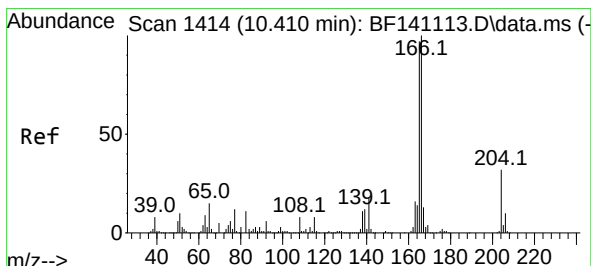
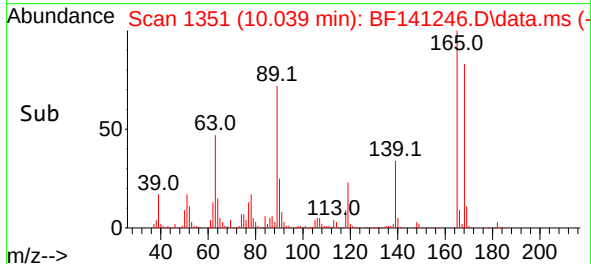
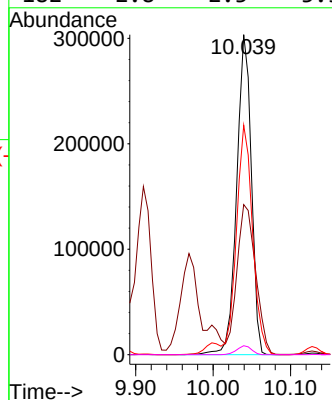
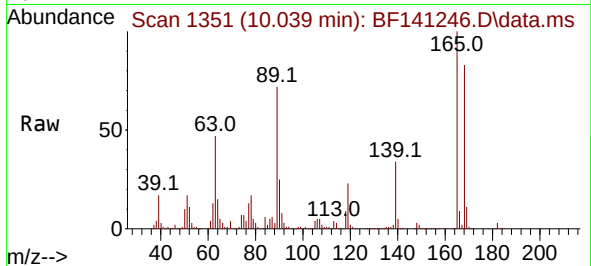




#57
2,4-Dinitrotoluene
Concen: 52.807 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

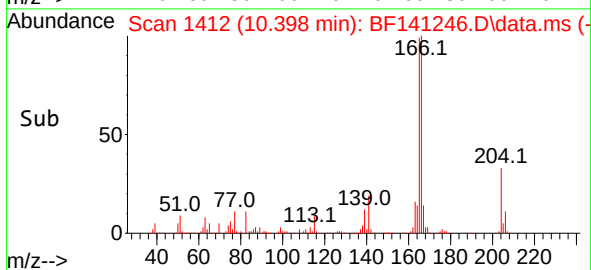
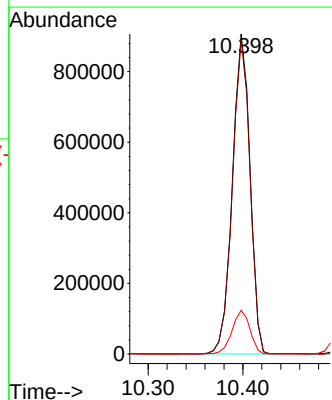
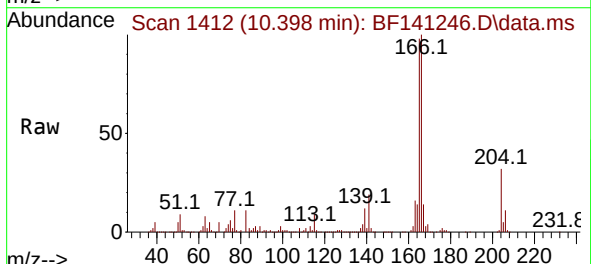
Instrument :
BNA_F
ClientSampleId :
PB166185BS

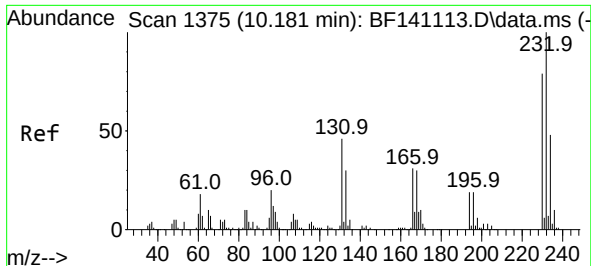
Tgt Ion:165 Resp: 400157
Ion Ratio Lower Upper
165 100
63 46.9 35.0 52.4
89 71.7 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 48.774 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:166 Resp: 1172070
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.7 10.8 16.2

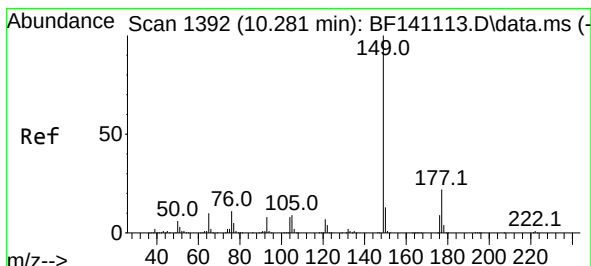
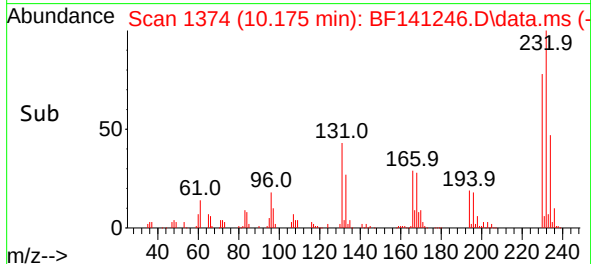
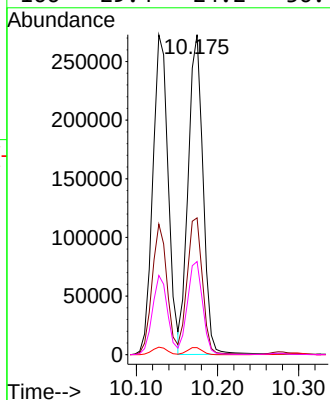
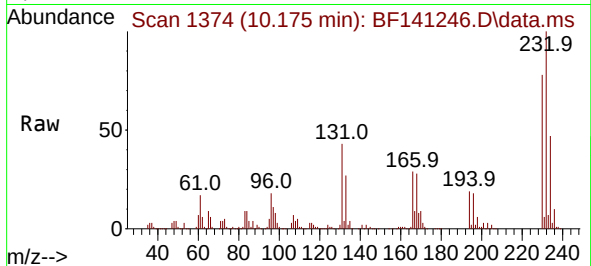




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.354 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

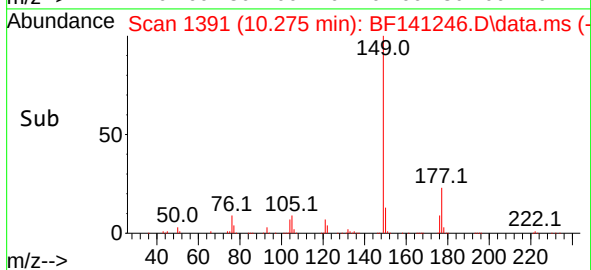
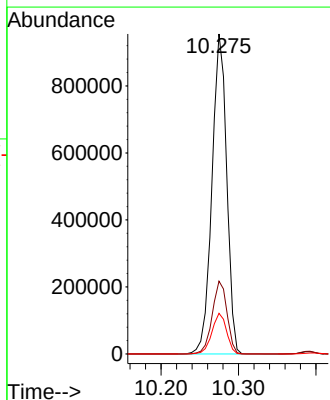
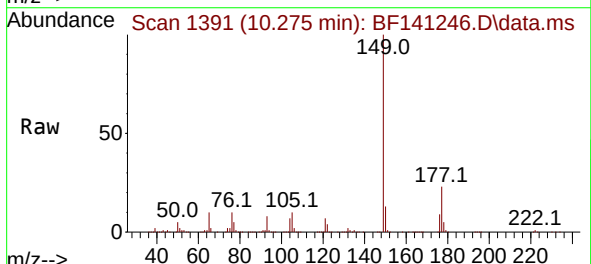
Instrument :
BNA_F
ClientSampleId :
PB166185BS

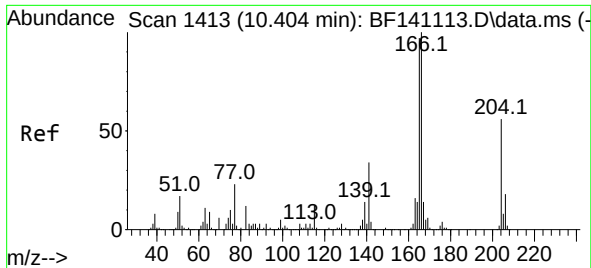
Tgt Ion:232 Resp: 347891
Ion Ratio Lower Upper
232 100
131 43.9 36.2 54.4
130 2.3 2.0 3.0
166 29.4 24.2 36.4



#60
Diethylphthalate
Concen: 51.285 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:149 Resp: 1265960
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.7 10.2 15.2

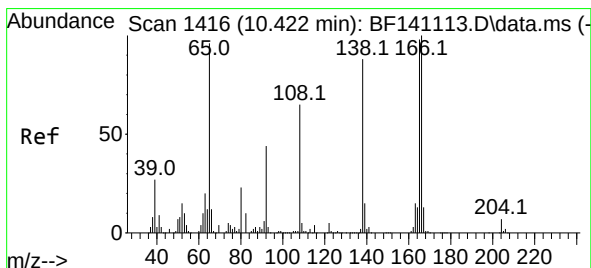
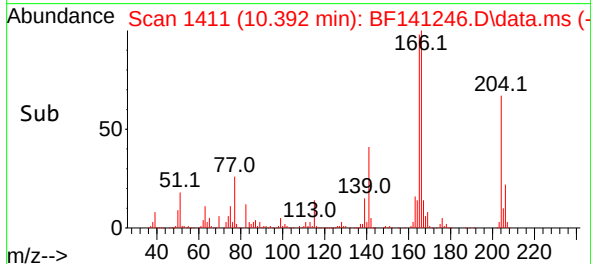
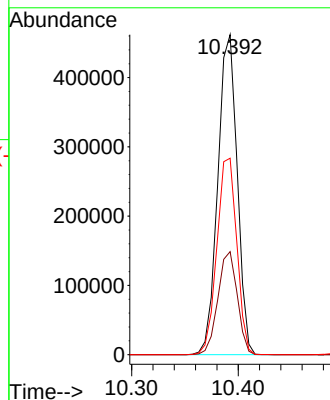
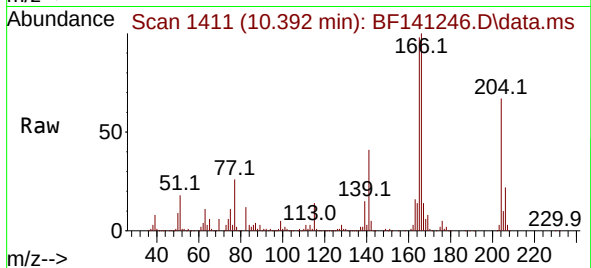




#61
4-Chlorophenyl-phenylether
Concen: 49.707 ng
RT: 10.392 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

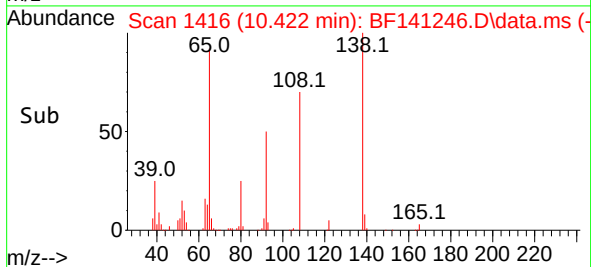
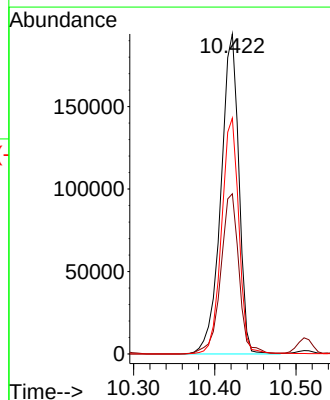
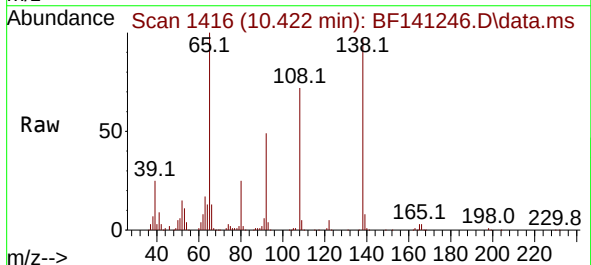
Instrument :
BNA_F
ClientSampleId :
PB166185BS

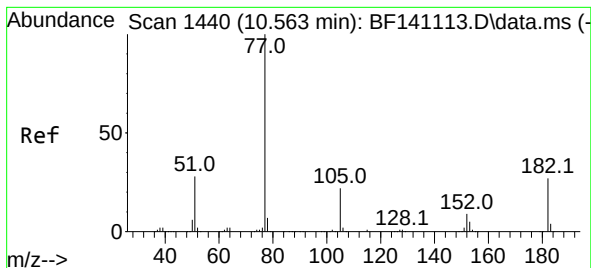
Tgt Ion:204 Resp: 582171
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 61.4 49.1 73.7



#62
4-Nitroaniline
Concen: 51.155 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:138 Resp: 299173
Ion Ratio Lower Upper
138 100
92 50.1 29.4 69.4
108 73.7 53.7 93.7

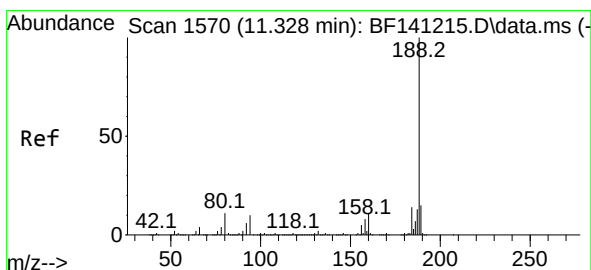
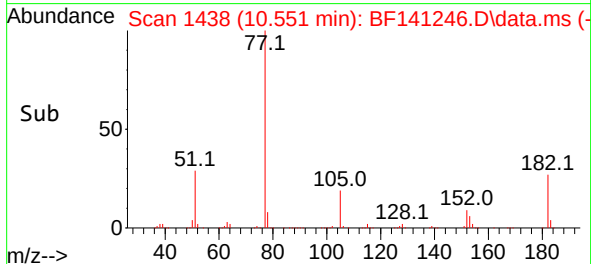
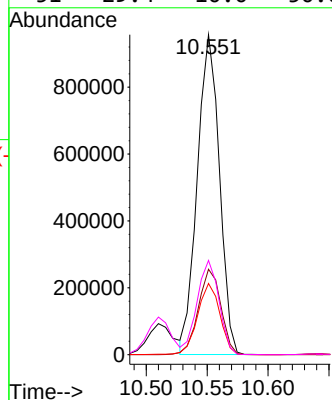
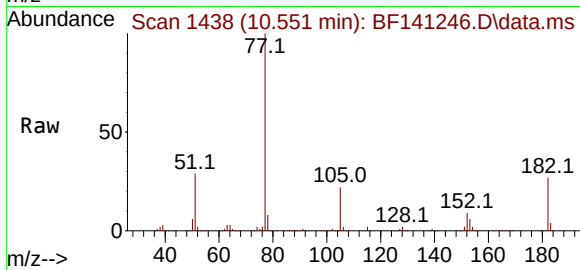




#63
Azobenzene
Concen: 49.499 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

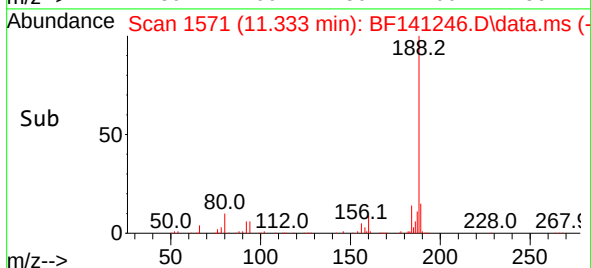
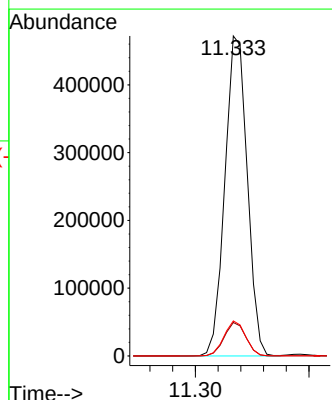
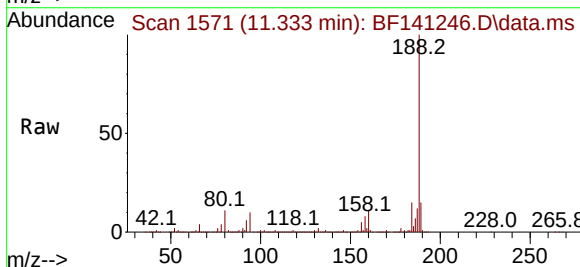
Instrument :
BNA_F
ClientSampleId :
PB166185BS

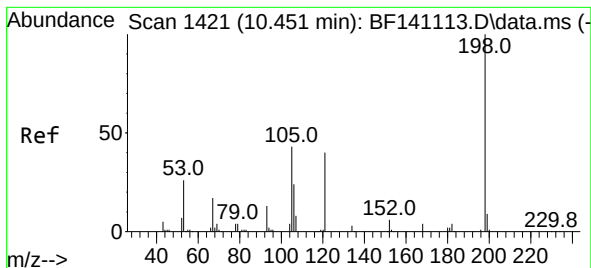
Tgt Ion: 77 Resp: 1205653
Ion Ratio Lower Upper
77 100
182 26.7 6.1 46.1
105 22.2 2.1 42.1
51 29.4 10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion: 188 Resp: 644659
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.9 9.0 13.4

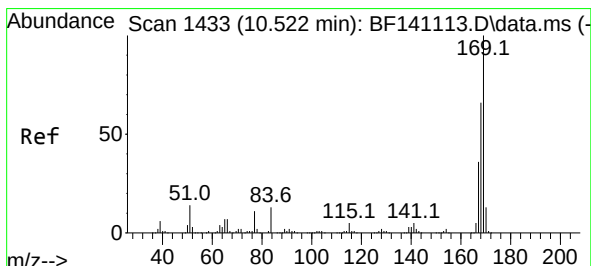
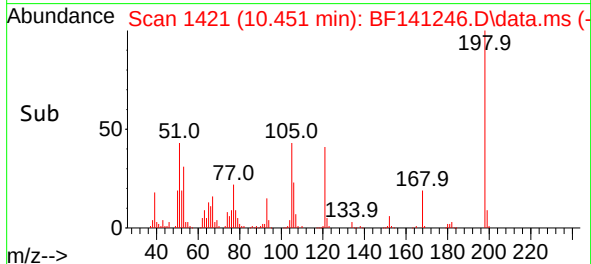
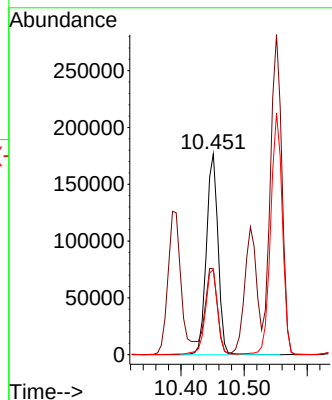
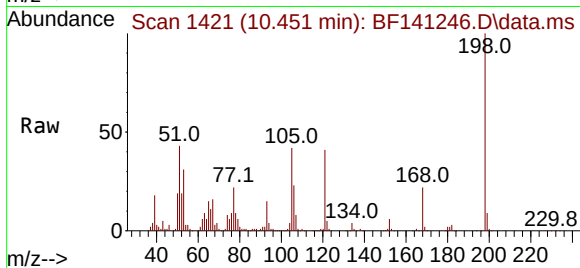




#65
4,6-Dinitro-2-methylphenol
Concen: 60.661 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

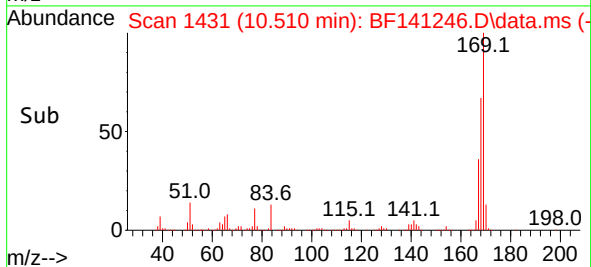
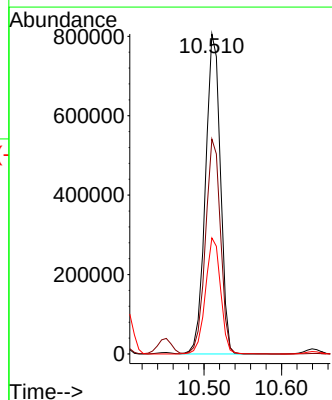
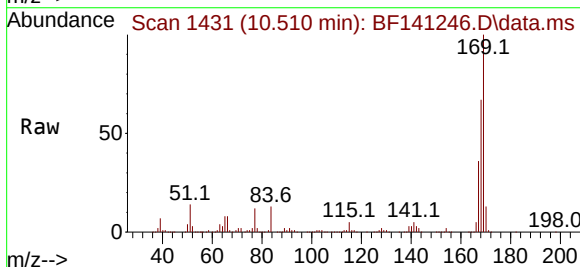
Instrument :
BNA_F
ClientSampleId :
PB166185BS

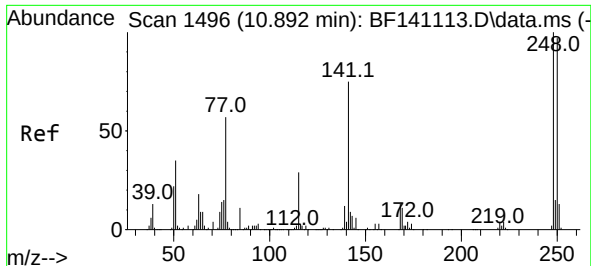
Tgt Ion:198 Resp: 226606
Ion Ratio Lower Upper
198 100
51 42.8 27.1 67.1
105 42.4 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 51.768 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:169 Resp: 1076427
Ion Ratio Lower Upper
169 100
168 67.1 52.5 78.7
167 36.3 28.9 43.3

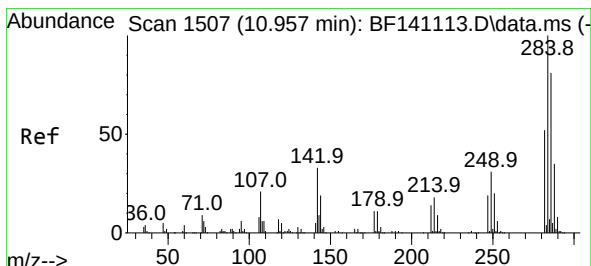
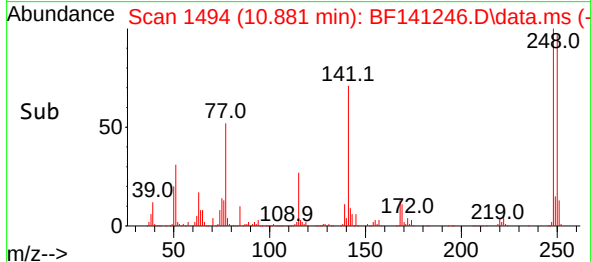
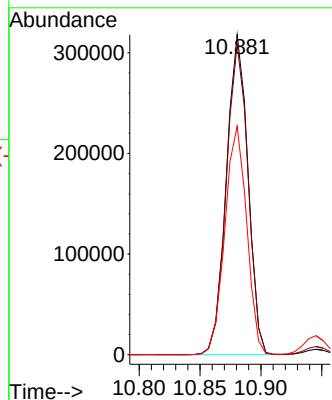
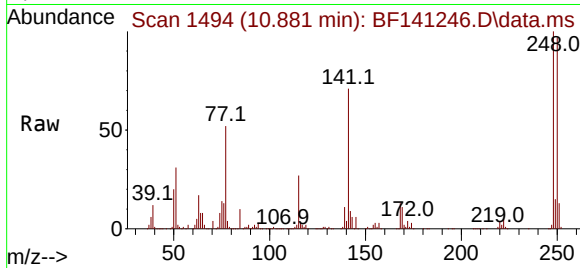




#67
4-Bromophenyl-phenylether
Concen: 52.924 ng
RT: 10.881 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

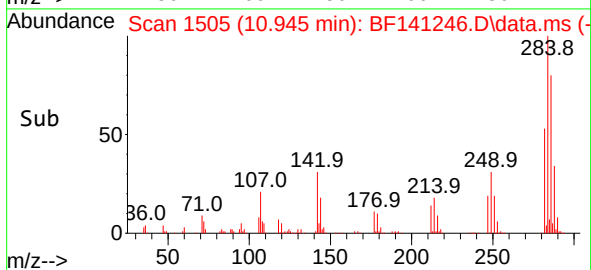
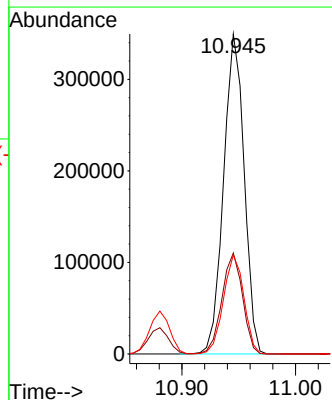
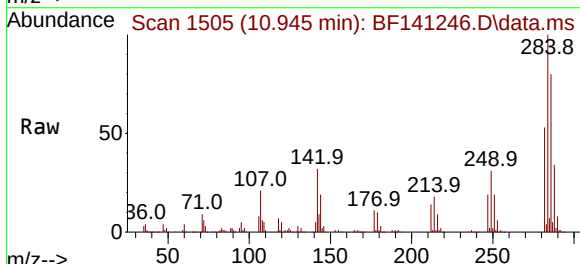
Instrument :
BNA_F
ClientSampleId :
PB166185BS

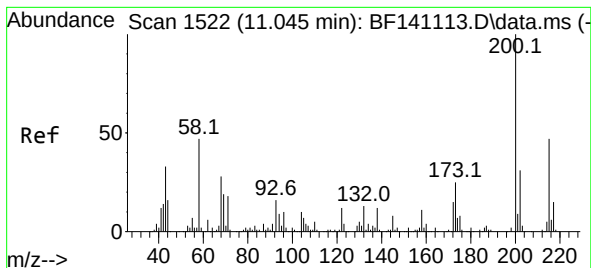
Tgt Ion:248 Resp: 392803
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 71.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 53.217 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:284 Resp: 439679
Ion Ratio Lower Upper
284 100
142 31.5 26.3 39.5
249 31.0 24.9 37.3





#69

Atrazine

Concen: 67.041 ng

RT: 11.039 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

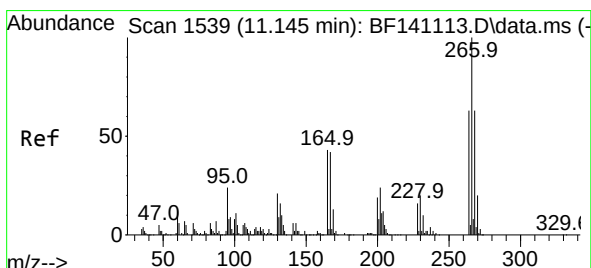
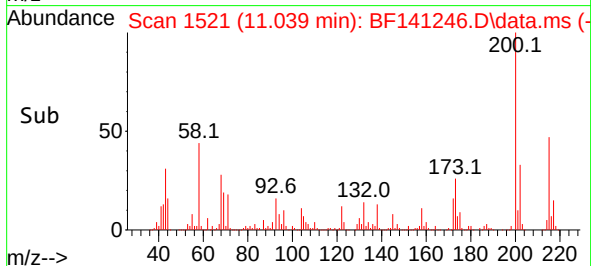
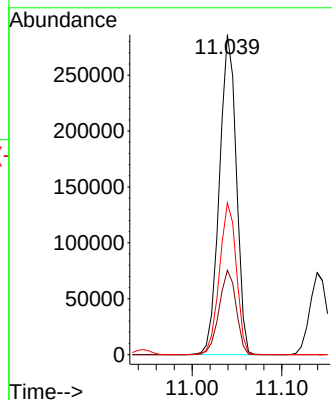
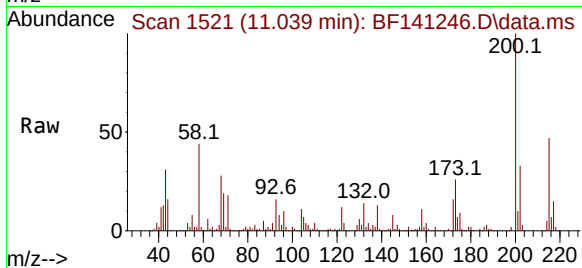
Tgt Ion:200 Resp: 375342

Ion Ratio Lower Upper

200 100

173 26.4 5.4 45.4

215 47.4 26.6 66.6



#70

Pentachlorophenol

Concen: 102.550 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

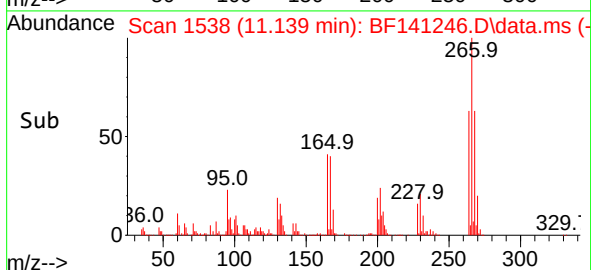
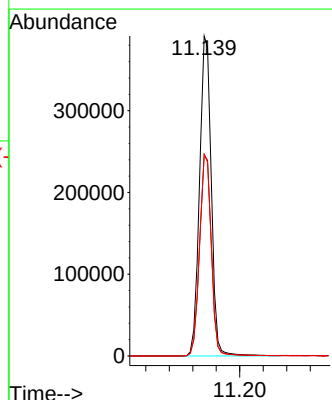
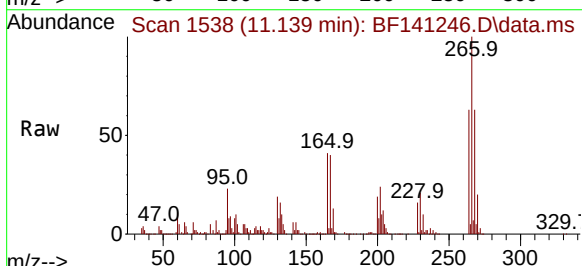
Tgt Ion:266 Resp: 542594

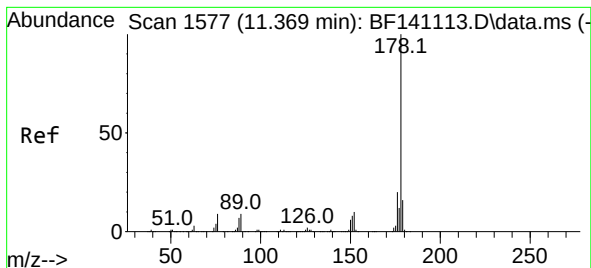
Ion Ratio Lower Upper

266 100

268 62.9 50.4 75.6

264 63.0 50.2 75.2





#71

Phenanthrene

Concen: 51.381 ng

RT: 11.363 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

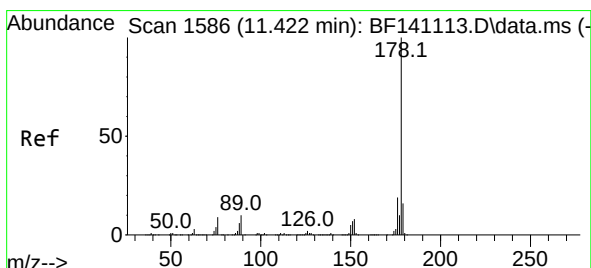
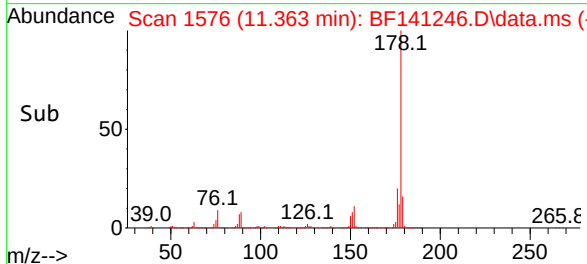
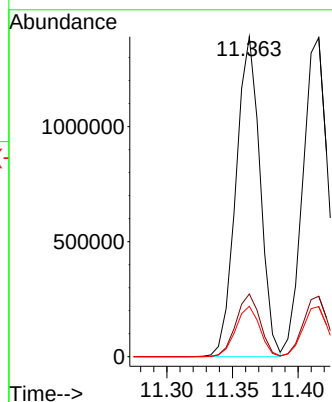
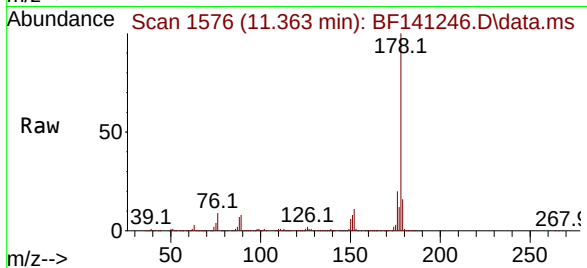
Tgt Ion:178 Resp: 1778265

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.8 12.6 19.0



#72

Anthracene

Concen: 54.245 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

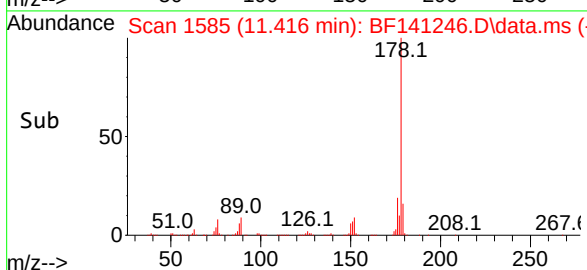
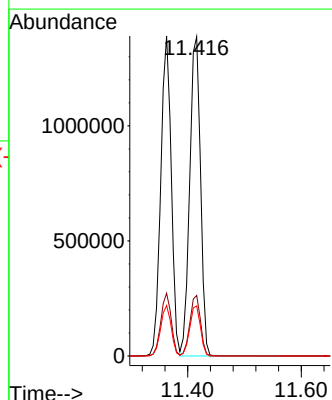
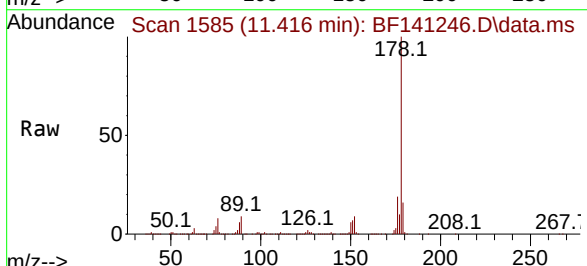
Tgt Ion:178 Resp: 1825501

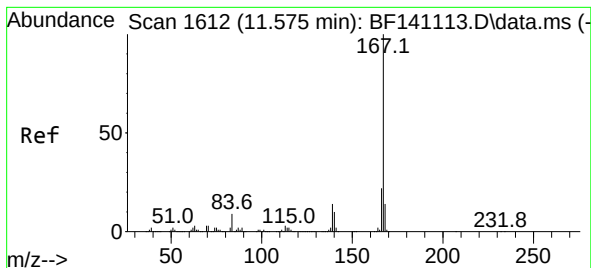
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.7 12.6 19.0





#73

Carbazole

Concen: 52.598 ng

RT: 11.569 min Scan# 1611

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

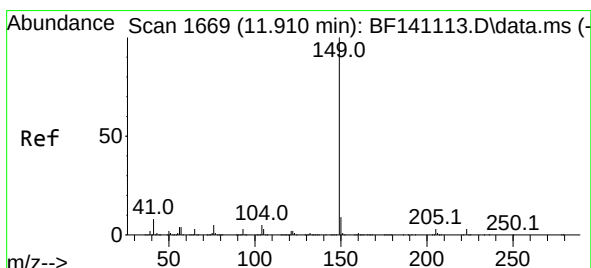
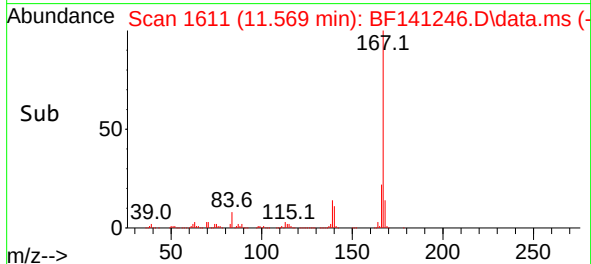
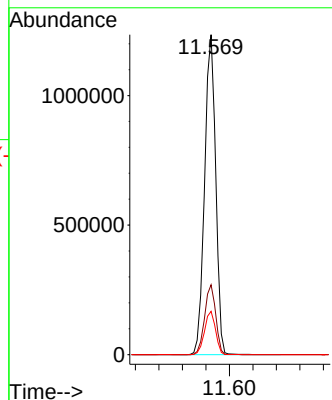
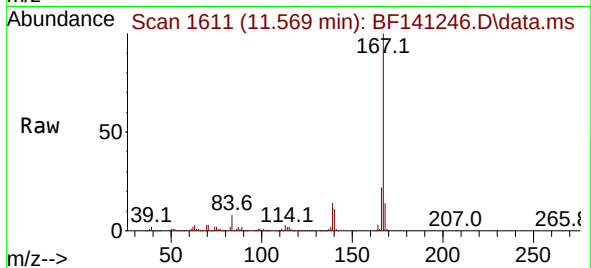
Tgt Ion:167 Resp: 1623027

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 54.207 ng

RT: 11.898 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

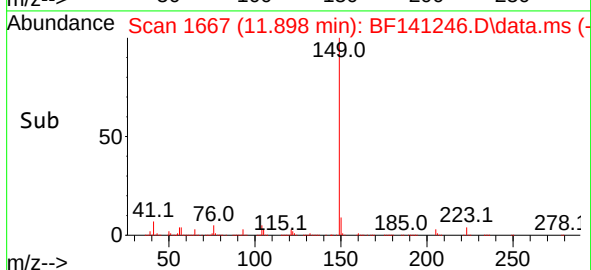
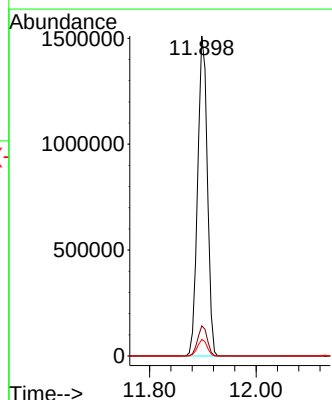
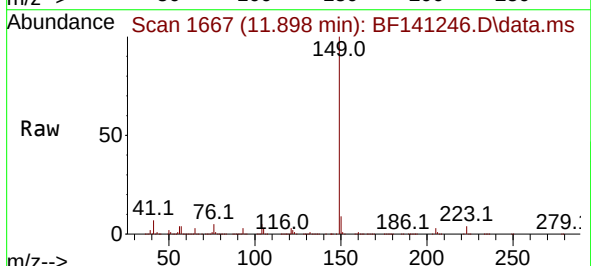
Tgt Ion:149 Resp: 1914237

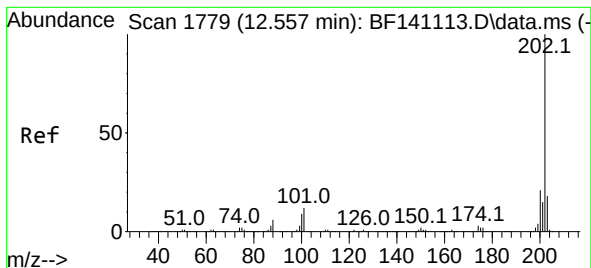
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.2 4.2 6.2

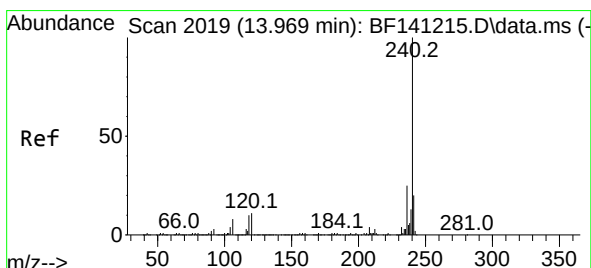
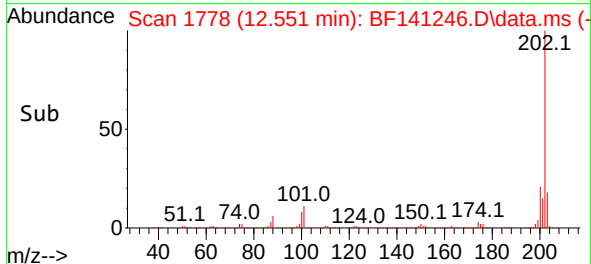
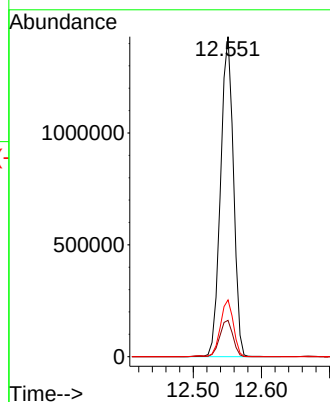
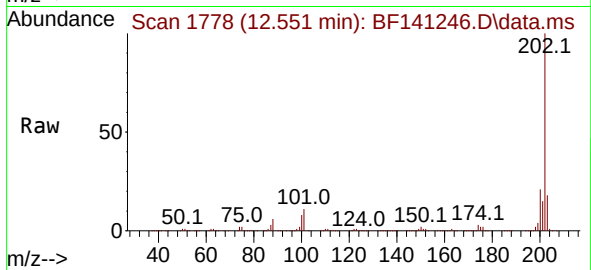




#75
Fluoranthene
Concen: 54.596 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

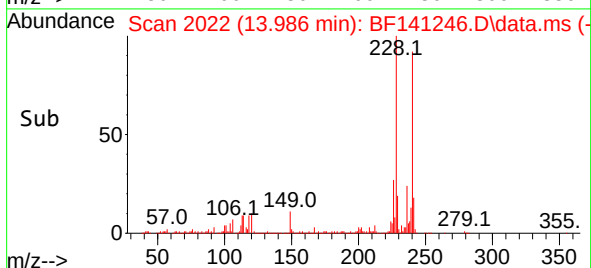
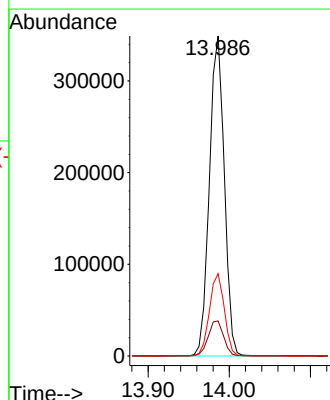
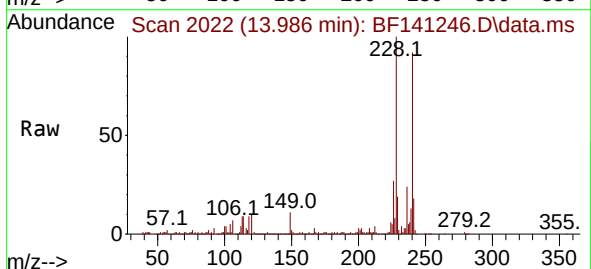
Instrument :
BNA_F
ClientSampleId :
PB166185BS

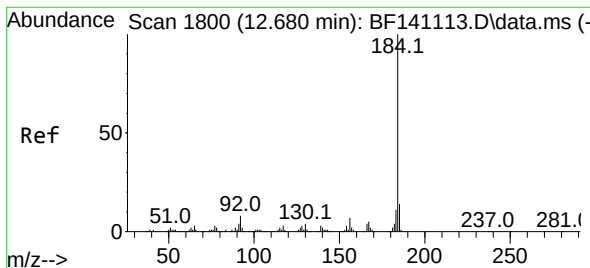
Tgt Ion:202 Resp: 1885593
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.3
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:240 Resp: 444679
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 25.7 19.8 29.6





#77

Benzidine

Concen: 56.003 ng

RT: 12.669 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

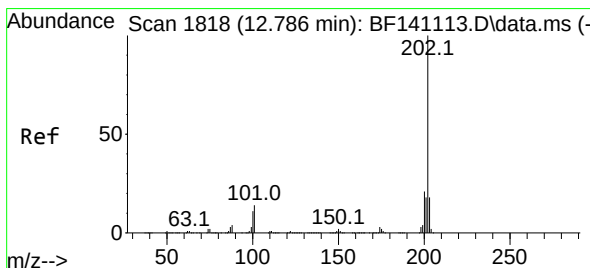
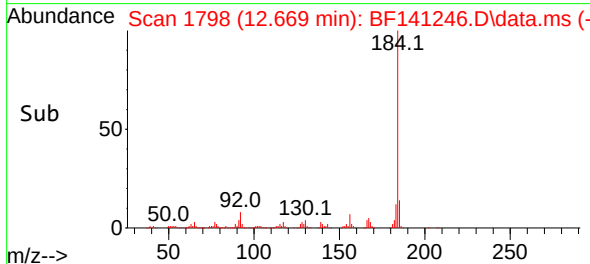
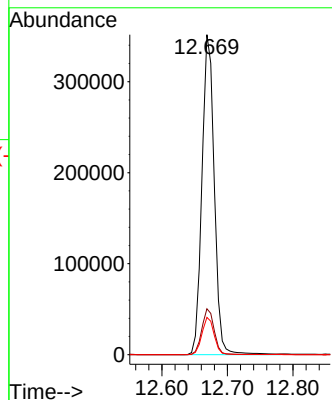
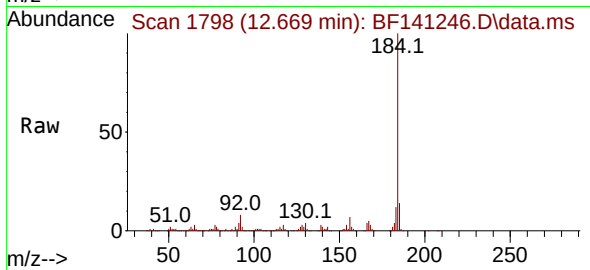
Tgt Ion:184 Resp: 461819

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.6 9.2 13.8



#78

Pyrene

Concen: 44.656 ng

RT: 12.780 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

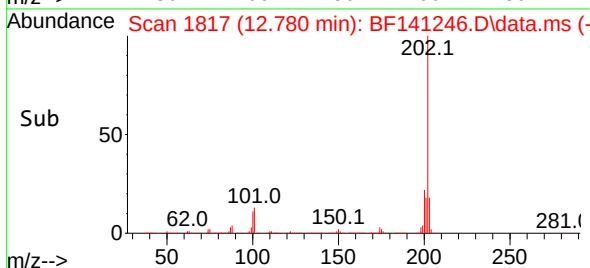
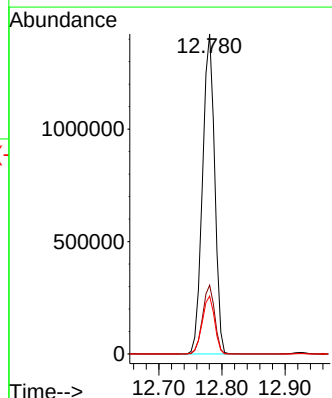
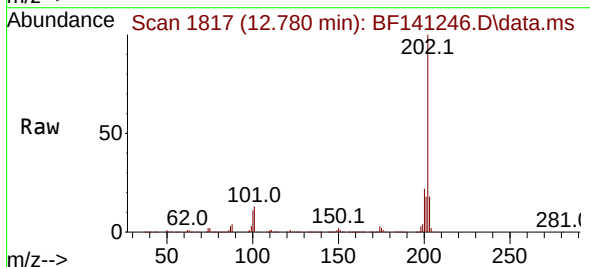
Tgt Ion:202 Resp: 1896640

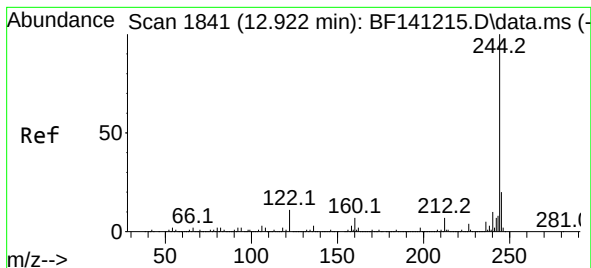
Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 91.054 ng

RT: 12.927 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

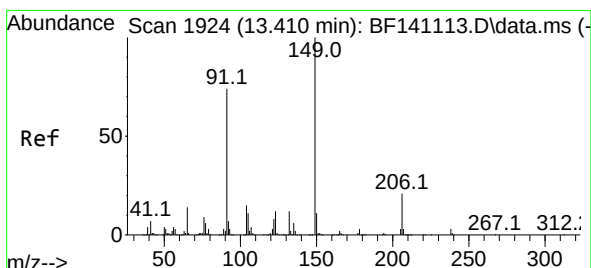
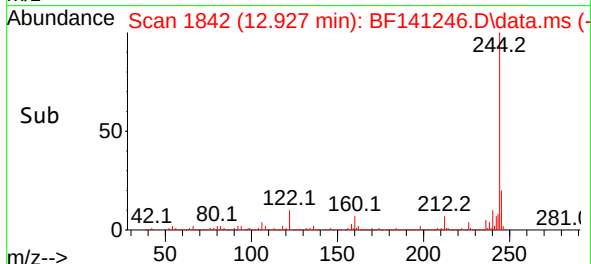
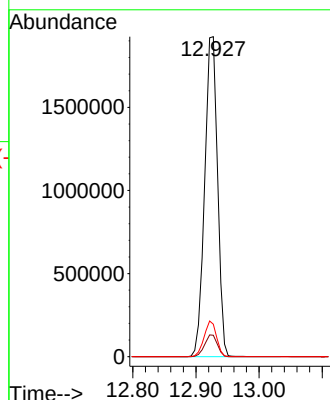
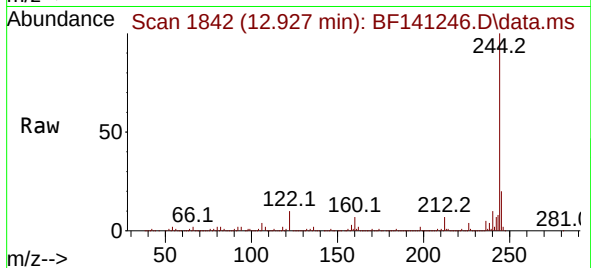
Tgt Ion:244 Resp: 2724202

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 54.743 ng

RT: 13.404 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

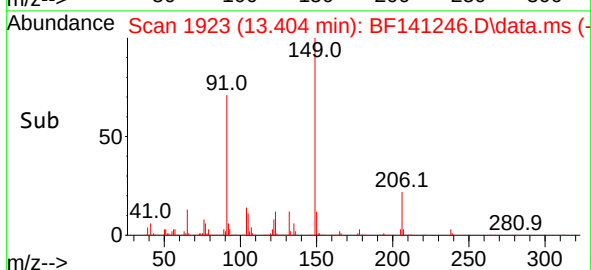
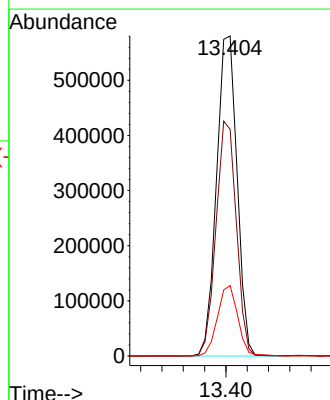
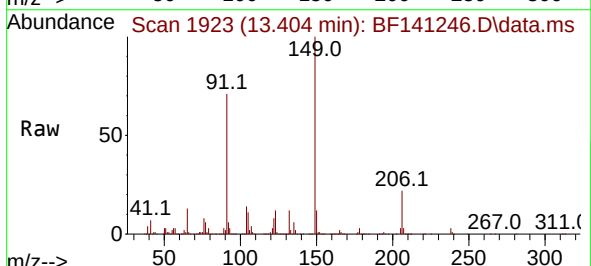
Tgt Ion:149 Resp: 775199

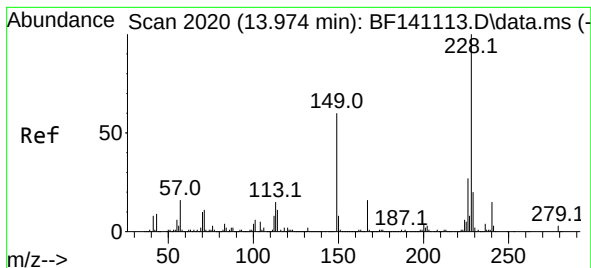
Ion Ratio Lower Upper

149 100

91 70.8 59.0 88.6

206 22.0 16.5 24.7





#81

Benzo(a)anthracene

Concen: 48.844 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

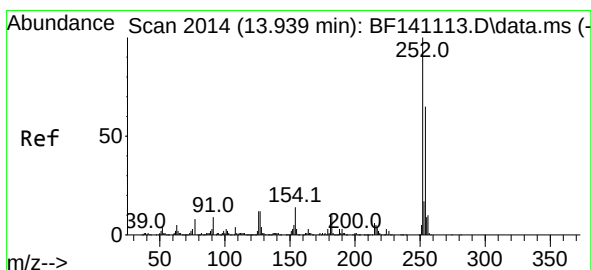
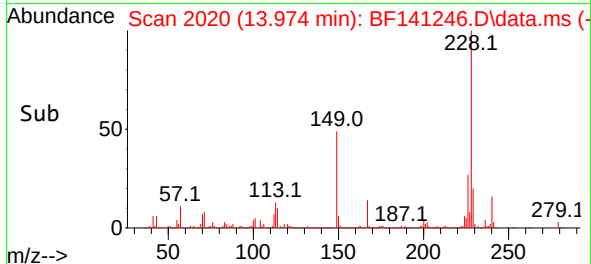
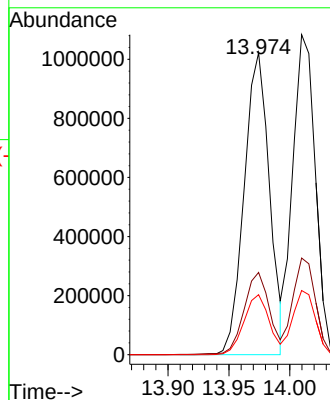
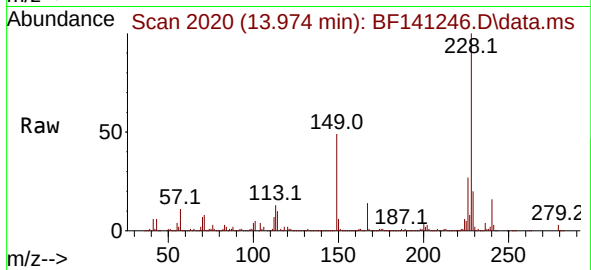
Tgt Ion:228 Resp: 1478179

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 28.001 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

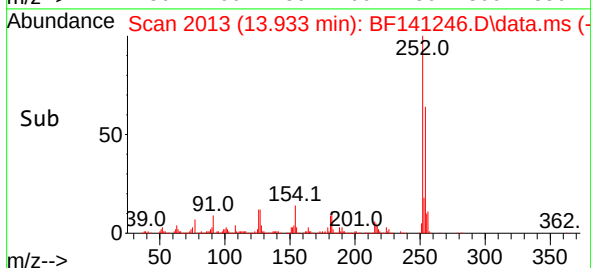
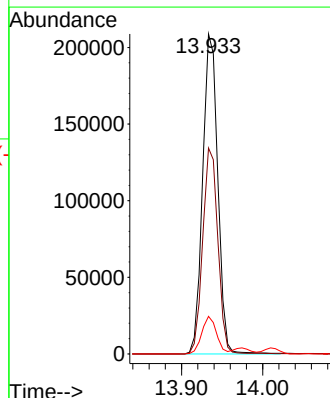
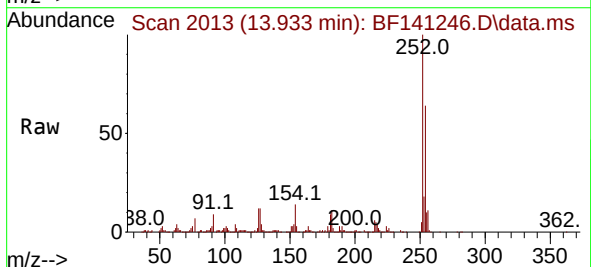
Tgt Ion:252 Resp: 269828

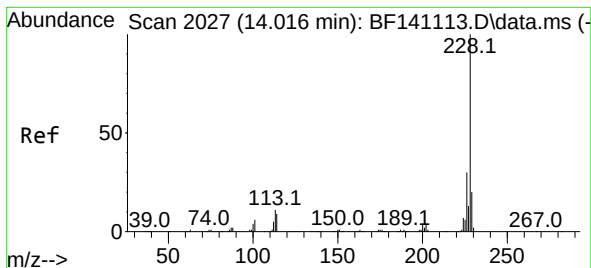
Ion Ratio Lower Upper

252 100

254 64.4 52.0 78.0

126 11.7 9.4 14.0





#83

Chrysene

Concen: 49.428 ng

RT: 14.010 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

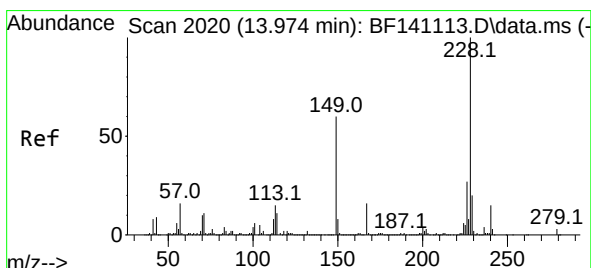
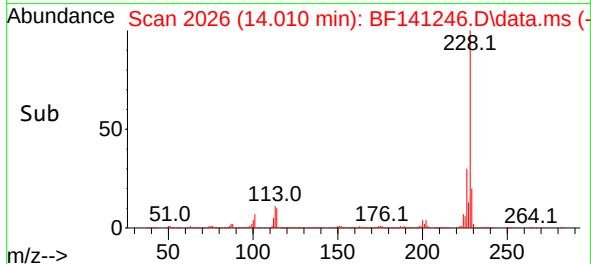
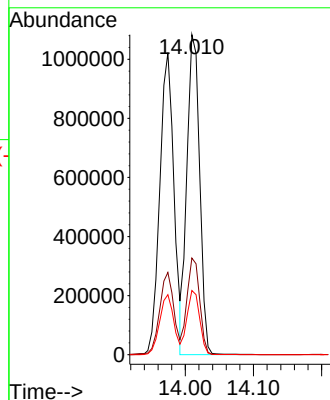
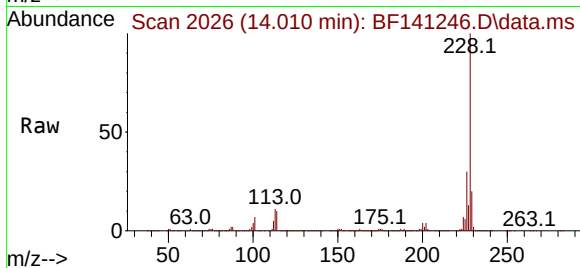
Tgt Ion:228 Resp: 1399654

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.813 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

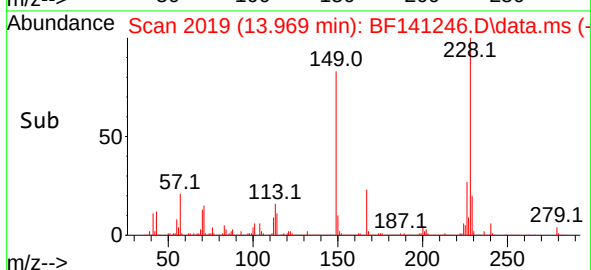
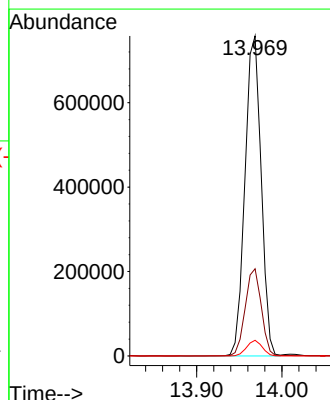
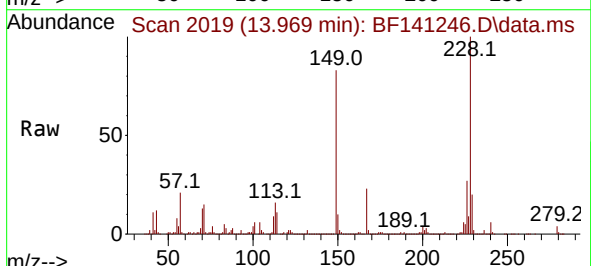
Tgt Ion:149 Resp: 999274

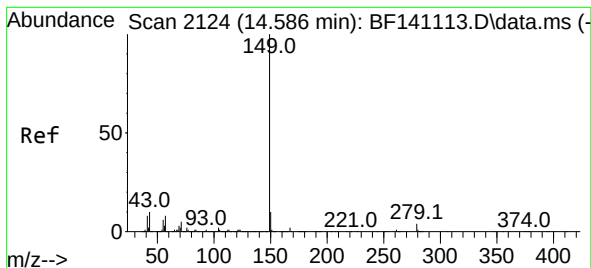
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 61.469 ng

RT: 14.598 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

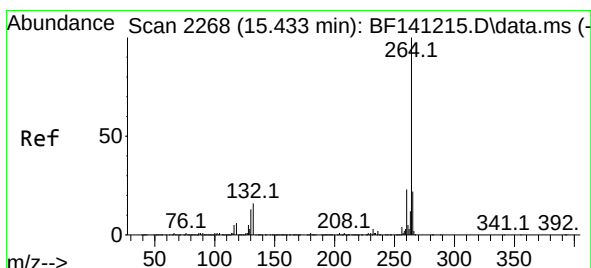
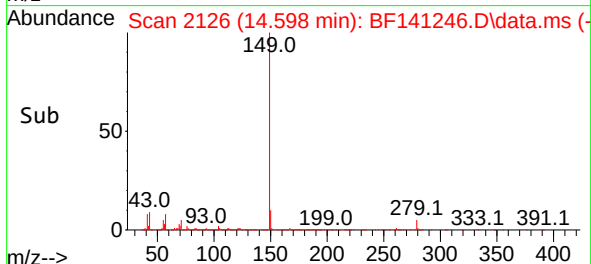
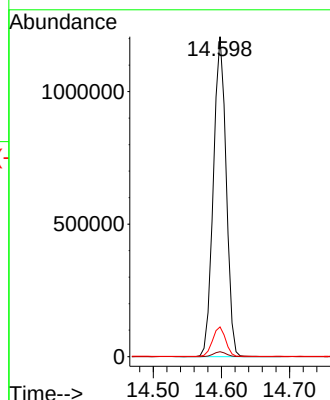
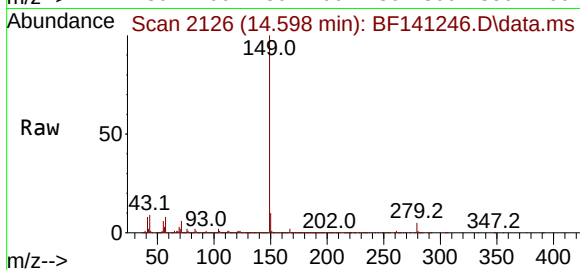
Tgt Ion:149 Resp: 1577120

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.018 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

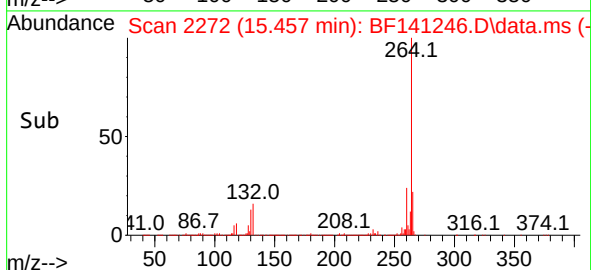
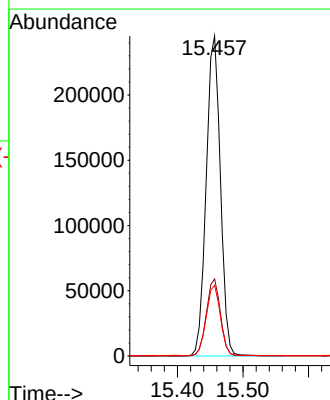
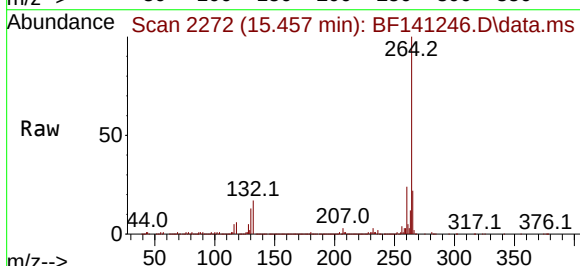
Tgt Ion:264 Resp: 369356

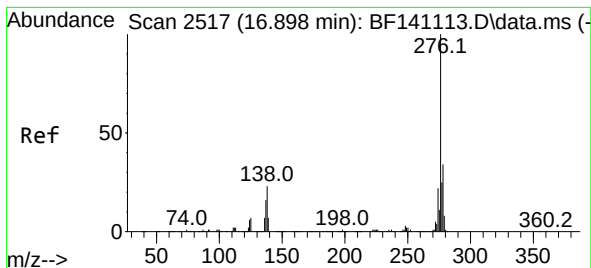
Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 22.1 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.472 ng

RT: 16.915 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

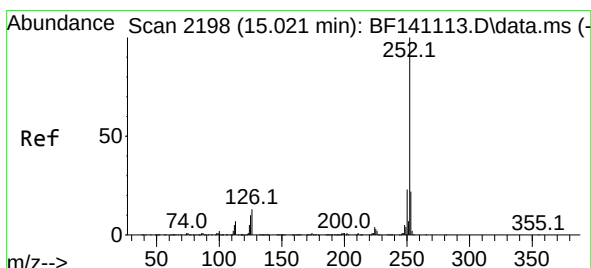
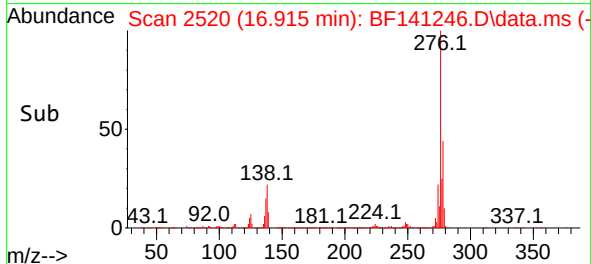
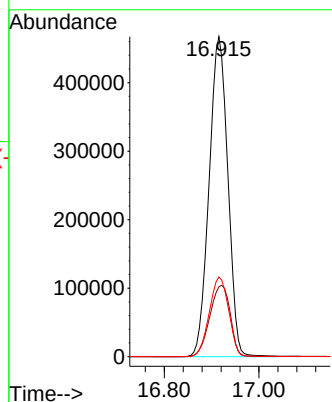
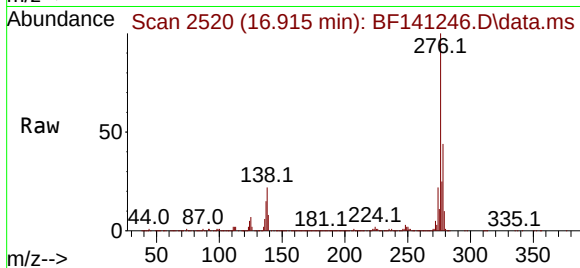
Tgt Ion:276 Resp: 1284602

Ion Ratio Lower Upper

276 100

138 24.4 20.7 31.1

277 25.8 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 55.835 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

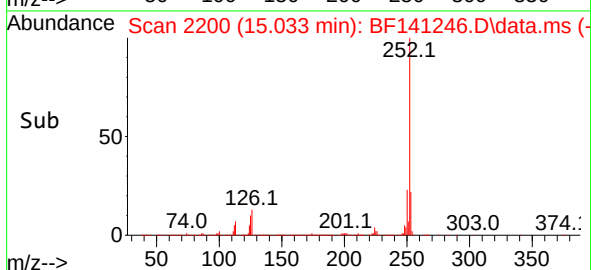
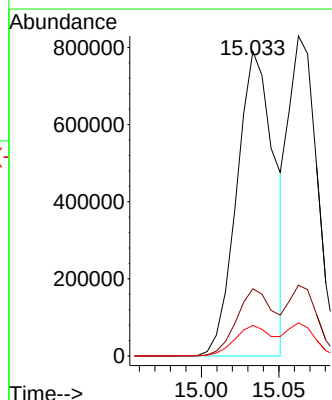
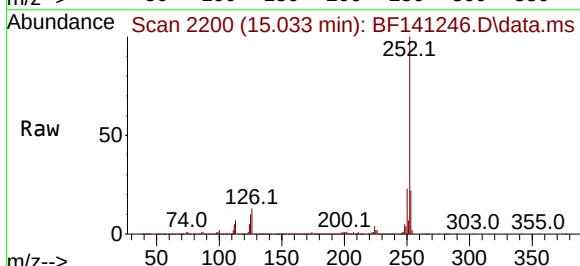
Tgt Ion:252 Resp: 1329831

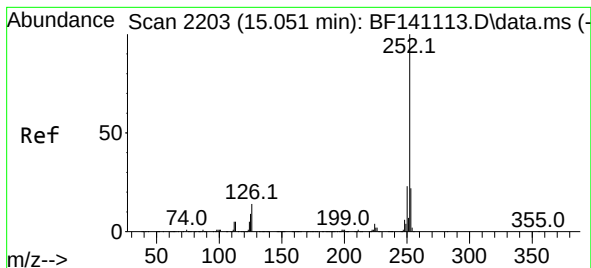
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 52.503 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

Instrument :

BNA_F

ClientSampleId :

PB166185BS

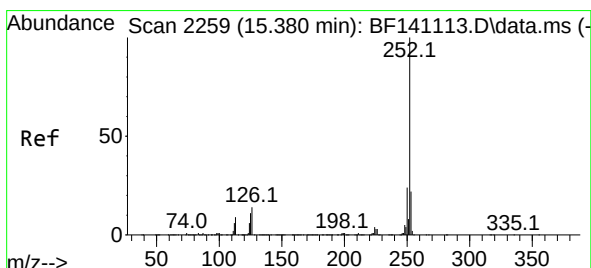
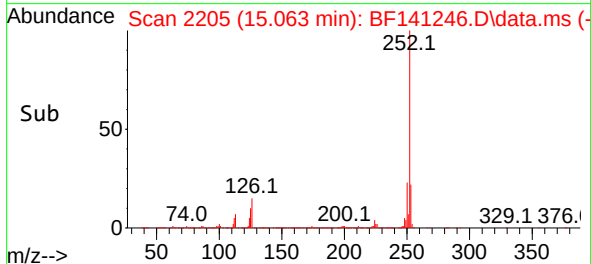
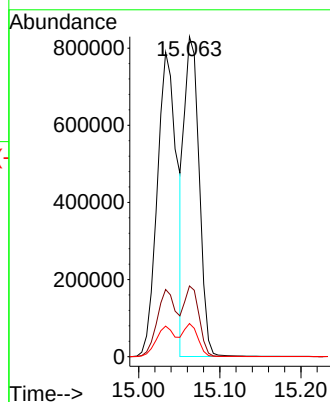
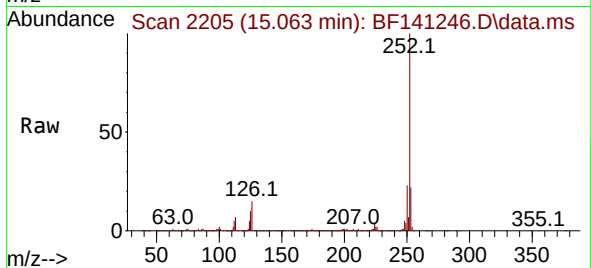
Tgt Ion:252 Resp: 1056762

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.4 7.9 11.9



#90

Benzo(a)pyrene

Concen: 56.033 ng

RT: 15.398 min Scan# 2262

Delta R.T. 0.018 min

Lab File: BF141246.D

Acq: 23 Jan 2025 13:33

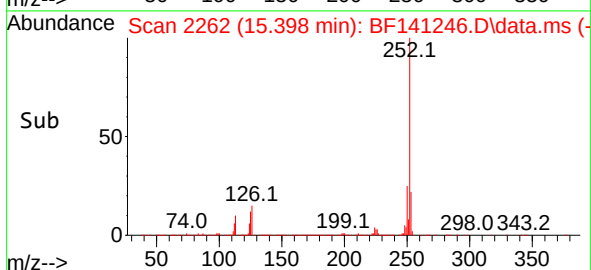
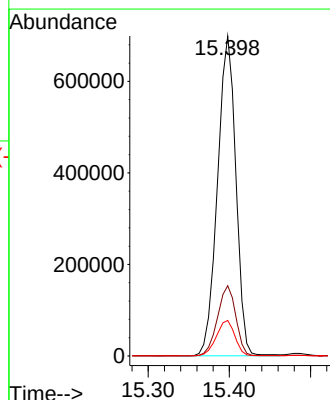
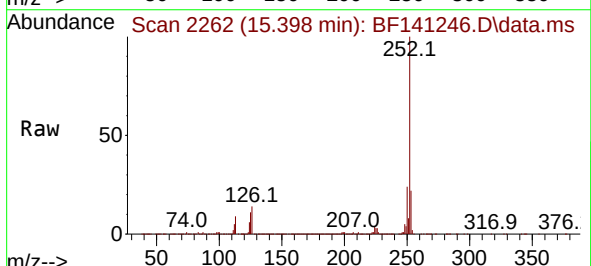
Tgt Ion:252 Resp: 1101079

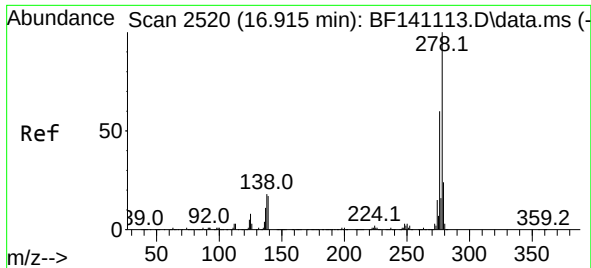
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.1 9.1 13.7

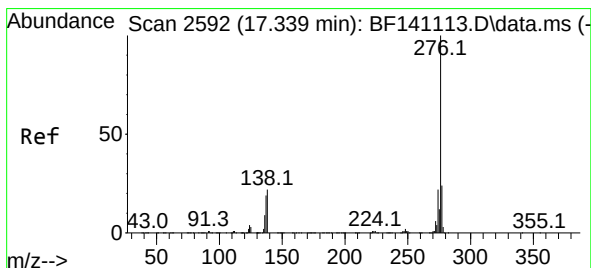
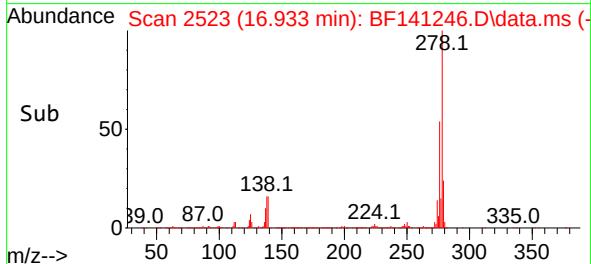
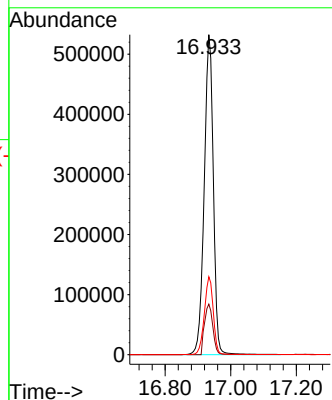
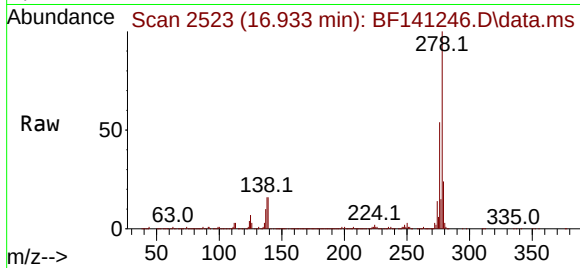




#91
Dibenzo(a,h)anthracene
Concen: 47.272 ng
RT: 16.933 min Scan# 2520
Delta R.T. 0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Instrument :
BNA_F
ClientSampleId :
PB166185BS

Tgt Ion:278 Resp: 1034603
Ion Ratio Lower Upper
278 100
139 15.8 13.8 20.6
279 24.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 42.561 ng
RT: 17.357 min Scan# 2595
Delta R.T. 0.018 min
Lab File: BF141246.D
Acq: 23 Jan 2025 13:33

Tgt Ion:276 Resp: 968908
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 20.5 17.4 26.2

