

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141352.D
 Acq On : 01 Feb 2025 00:30
 Operator : RC/JU
 Sample : Q1194-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MS

Quant Time: Feb 01 00:57:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	160040	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	632082	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	327389	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	478396	20.000	ng	0.00
76) Chrysene-d12	13.968	240	306959	20.000	ng	0.00
86) Perylene-d12	15.421	264	307907	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	969013	92.954	ng	0.02
7) Phenol-d6	6.445	99	1208293	91.113	ng	0.00
23) Nitrobenzene-d5	7.363	82	781915	65.213	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	276769	92.213	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1314061	61.779	ng	0.00
79) Terphenyl-d14	12.910	244	1045873	52.545	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	170887	37.273	ng	98
3) Pyridine	3.293	79	440465	39.874	ng	100
4) n-Nitrosodimethylamine	3.246	42	271271	42.988	ng	97
6) Aniline	6.463	93	364816	32.498	ng	# 20
8) 2-Chlorophenol	6.592	128	479903	42.950	ng	97
9) Benzaldehyde	6.345	77	49148	6.398	ng	98
10) Phenol	6.457	94	579286	41.207	ng	77
11) bis(2-Chloroethyl)ether	6.534	93	467010	43.327	ng	100
12) 1,3-Dichlorobenzene	6.739	146	489696	39.748	ng	99
13) 1,4-Dichlorobenzene	6.816	146	495491	40.035	ng	100
14) 1,2-Dichlorobenzene	6.969	146	474188	40.916	ng	99
15) Benzyl Alcohol	6.945	79	408281	45.050	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	760918	40.597	ng	55
17) 2-Methylphenol	7.069	107	369947	40.738	ng	# 89
18) Hexachloroethane	7.310	117	183972	40.294	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	329084	41.762	ng	98
20) 3+4-Methylphenols	7.222	107	478463	42.911	ng	# 76
22) Acetophenone	7.210	105	641459	42.694	ng	# 95
24) Nitrobenzene	7.386	77	502528	40.443	ng	98
25) Isophorone	7.622	82	892320	43.053	ng	99
26) 2-Nitrophenol	7.698	139	255094	43.531	ng	99
27) 2,4-Dimethylphenol	7.745	122	356241	47.761	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	555377	42.009	ng	99
29) 2,4-Dichlorophenol	7.951	162	391067	42.827	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	407421	39.069	ng	100
31) Naphthalene	8.104	128	1339613	40.119	ng	100
32) Benzoic acid	7.875	122	293276	42.771	ng	98
33) 4-Chloroaniline	8.151	127	99598	8.796	ng	99
34) Hexachlorobutadiene	8.222	225	237412	38.821	ng	100
35) Caprolactam	8.522	113	107487	36.043	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	412298	42.094	ng	97
37) 2-Methylnaphthalene	8.792	142	875724	41.263	ng	99
38) 1-Methylnaphthalene	8.892	142	807610	38.739	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	390961	41.976	ng	99
41) Hexachlorocyclopentadiene	8.945	237	368408	133.935	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	264141	43.328	ng	99

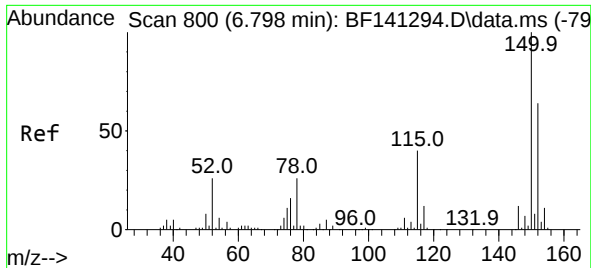
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141352.D
 Acq On : 01 Feb 2025 00:30
 Operator : RC/JU
 Sample : Q1194-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MS

Quant Time: Feb 01 00:57:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	284388	42.861	ng	99
46) 1,1'-Biphenyl	9.263	154	1070294	41.919	ng	99
47) 2-Chloronaphthalene	9.286	162	799380	40.168	ng	99
48) 2-Nitroaniline	9.380	65	272485	43.530	ng	97
49) Acenaphthylene	9.698	152	1222120	43.870	ng	100
50) Dimethylphthalate	9.563	163	969748	43.857	ng	99
51) 2,6-Dinitrotoluene	9.628	165	211898	41.273	ng	98
52) Acenaphthene	9.875	154	917466	46.100	ng	99
53) 3-Nitroaniline	9.792	138	138426	27.509	ng	98
54) 2,4-Dinitrophenol	9.904	184	231891	97.163	ng	98
55) Dibenzofuran	10.045	168	1102981	41.404	ng	99
56) 4-Nitrophenol	9.975	139	270862	73.603	ng	98
57) 2,4-Dinitrotoluene	10.028	165	279789	42.091	ng	99
58) Fluorene	10.386	166	817762	39.575	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	230657	44.188	ng	99
60) Diethylphthalate	10.263	149	923514	43.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	406500	40.273	ng	100
62) 4-Nitroaniline	10.410	138	185463	37.489	ng	99
63) Azobenzene	10.539	77	946700	44.113	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	154803	54.706	ng	97
66) n-Nitrosodiphenylamine	10.498	169	738221	47.710	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	252992	47.237	ng	98
68) Hexachlorobenzene	10.933	284	255828	45.031	ng	100
69) Atrazine	11.027	200	238034	46.011	ng	99
70) Pentachlorophenol	11.133	266	276016	82.968	ng	99
71) Phenanthrene	11.351	178	1120034	43.554	ng	99
72) Anthracene	11.404	178	1134234	45.015	ng	100
73) Carbazole	11.557	167	910483	40.751	ng	99
74) Di-n-butylphthalate	11.892	149	1240476	45.813	ng	100
75) Fluoranthene	12.539	202	994575	39.170	ng	100
77) Benzidine	12.663	184	201472	20.474	ng	100
78) Pyrene	12.769	202	1010968	34.311	ng	100
80) Butylbenzylphthalate	13.392	149	424703	41.258	ng	99
81) Benzo(a)anthracene	13.957	228	859366	40.571	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	198790	29.508	ng	100
83) Chrysene	13.992	228	854492	44.017	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	557866	42.722	ng	99
85) Di-n-octyl phthalate	14.568	149	1017675	50.177	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	688611	34.650	ng	99
88) Benzo(b)fluoranthene	15.004	252	913150	47.147	ng	99
89) Benzo(k)fluoranthene	15.033	252	811049	47.270	ng	100
90) Benzo(a)pyrene	15.362	252	781518	47.750	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	561271	35.104	ng	100
92) Benzo(g,h,i)perylene	17.298	276	497253	29.910	ng	98

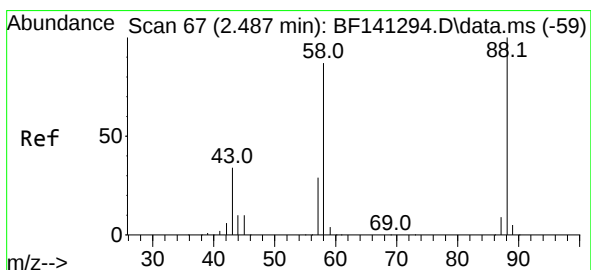
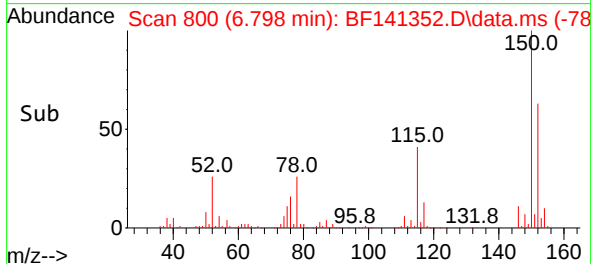
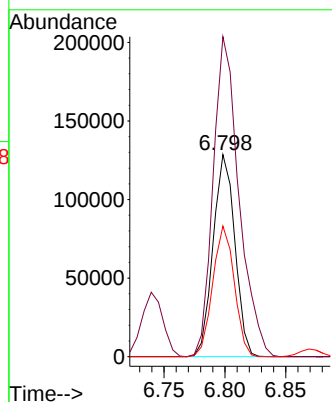
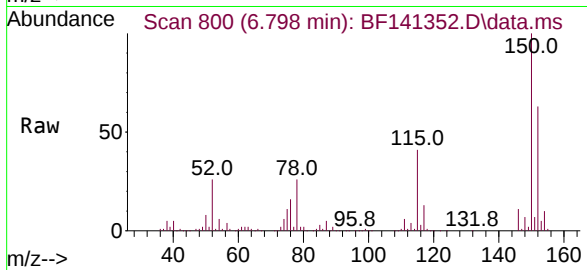
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

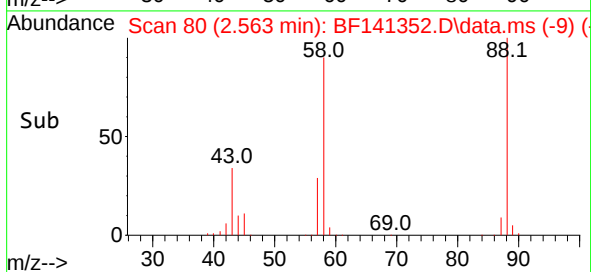
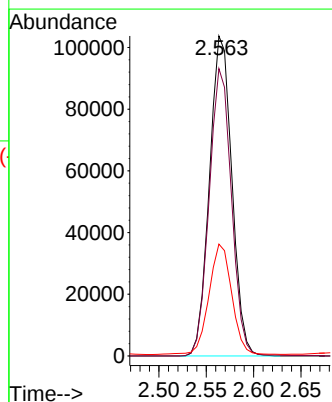
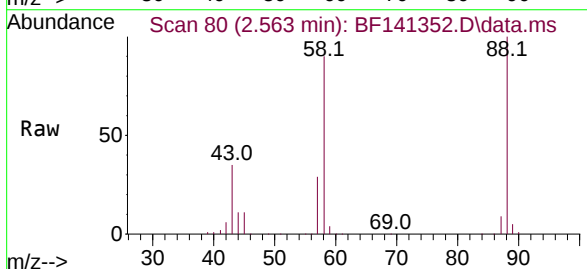
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

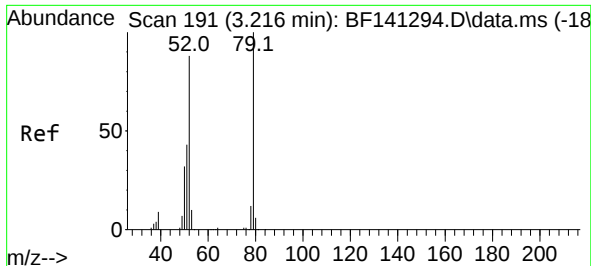
Tgt Ion:152 Resp: 160040
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 64.6 49.7 74.5



#2
1,4-Dioxane
Concen: 37.273 ng
RT: 2.563 min Scan# 80
Delta R.T. 0.070 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion: 88 Resp: 170887
Ion Ratio Lower Upper
88 100
58 89.5 70.2 105.4
43 35.3 27.6 41.4





#3

Pyridine

Concen: 39.874 ng

RT: 3.293 min Scan# 204

Delta R.T. 0.065 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

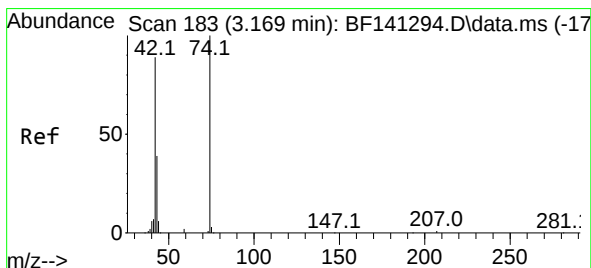
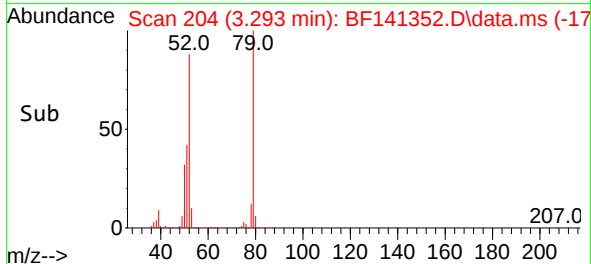
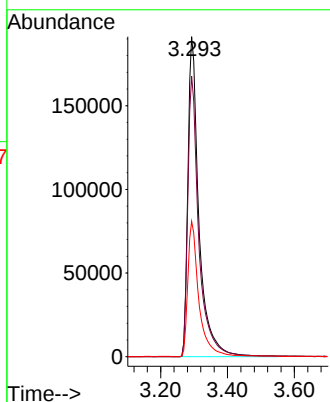
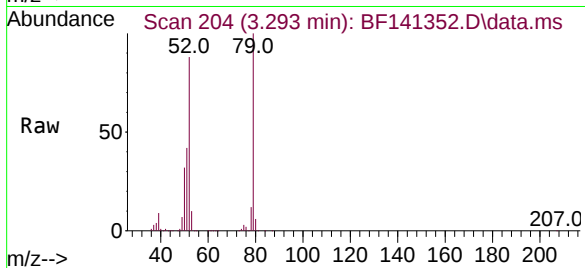
Tgt Ion: 79 Resp: 440465

Ion Ratio Lower Upper

79 100

52 87.7 70.3 105.5

51 42.3 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 42.988 ng

RT: 3.246 min Scan# 196

Delta R.T. 0.047 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

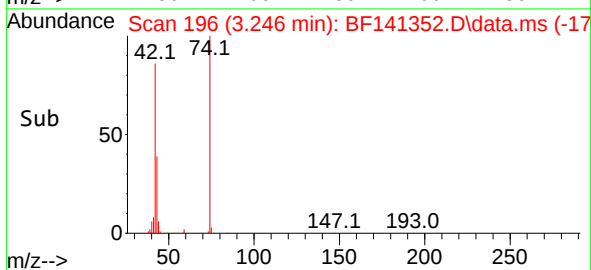
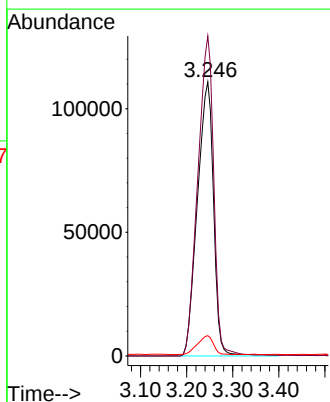
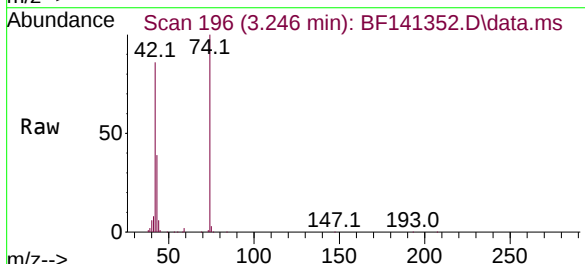
Tgt Ion: 42 Resp: 271271

Ion Ratio Lower Upper

42 100

74 116.8 90.3 135.5

44 7.4 5.7 8.5

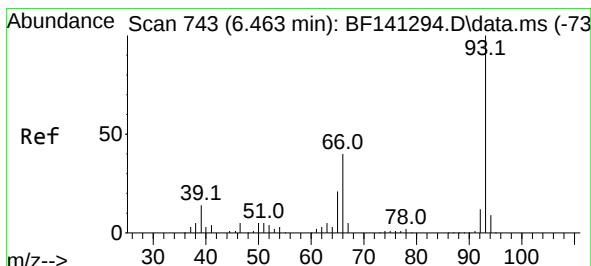
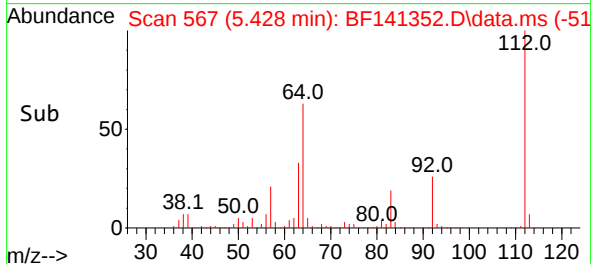
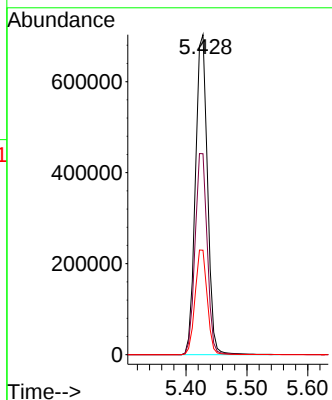
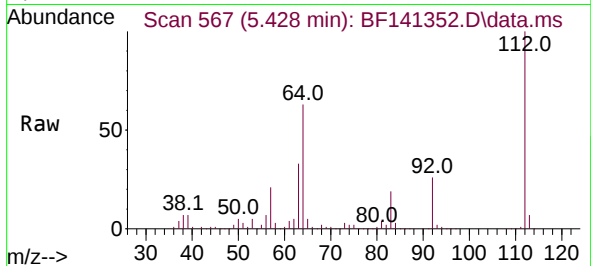




#5
2-Fluorophenol
Concen: 92.954 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

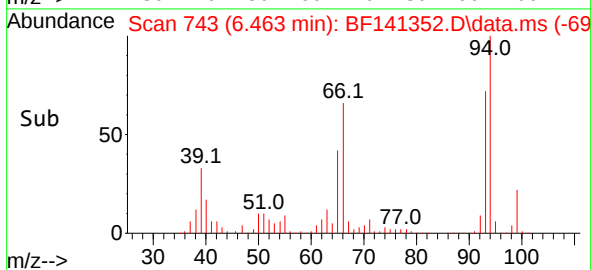
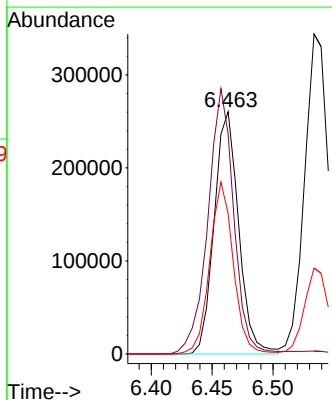
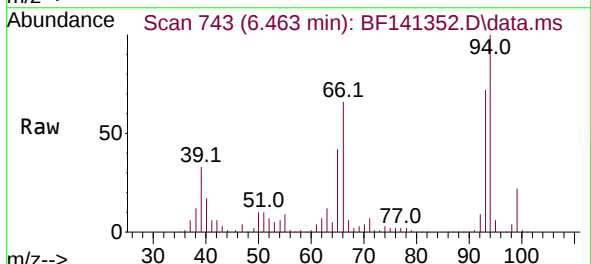
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

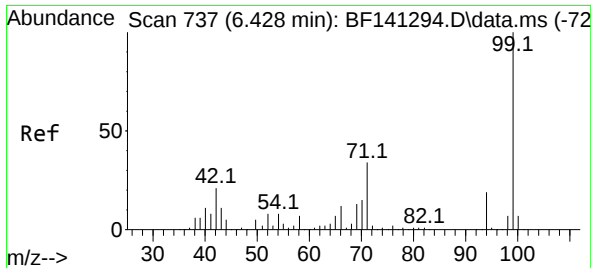
Tgt Ion:112 Resp: 969013
Ion Ratio Lower Upper
112 100
64 62.8 49.8 74.8
63 32.7 26.1 39.1



#6
Aniline
Concen: 32.498 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion: 93 Resp: 364816
Ion Ratio Lower Upper
93 100
66 90.8 32.5 48.7#
65 58.0 17.0 25.6#

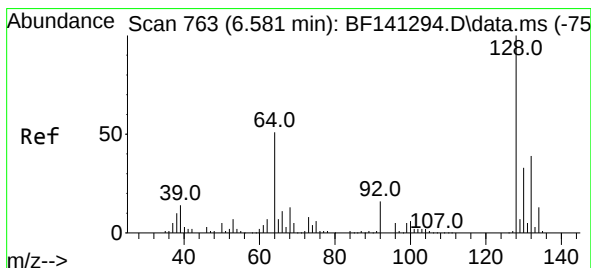
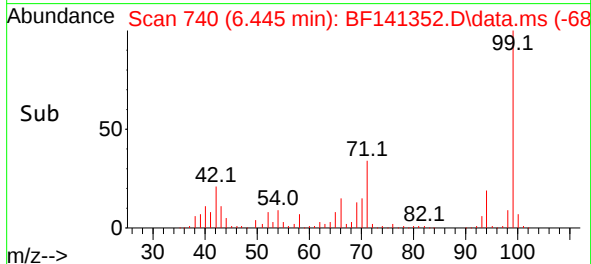
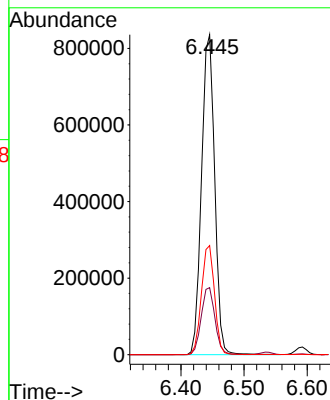
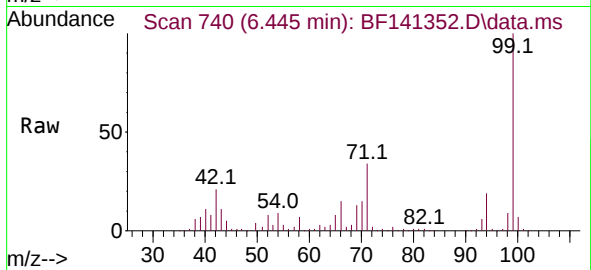




#7
Phenol-d6
Concen: 91.113 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

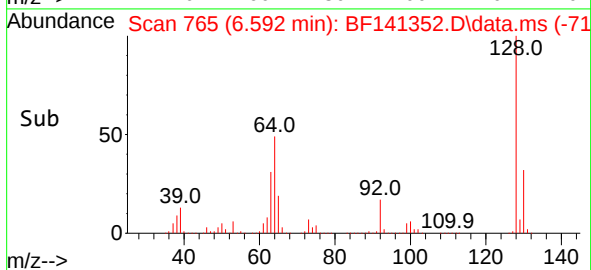
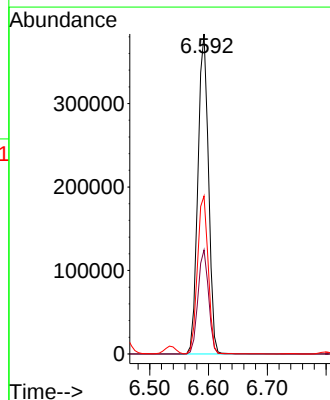
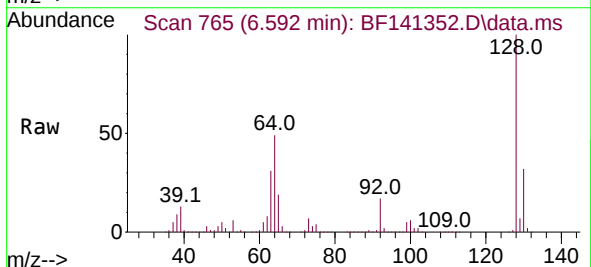
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

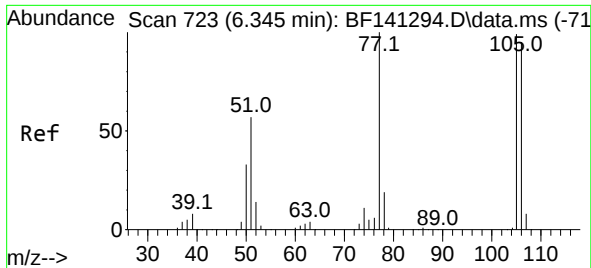
Tgt Ion: 99 Resp: 1208293
Ion Ratio Lower Upper
99 100
42 21.0 17.1 25.7
71 34.1 26.9 40.3



#8
2-Chlorophenol
Concen: 42.950 ng
RT: 6.592 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:128 Resp: 479903
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 49.3 32.9 72.9

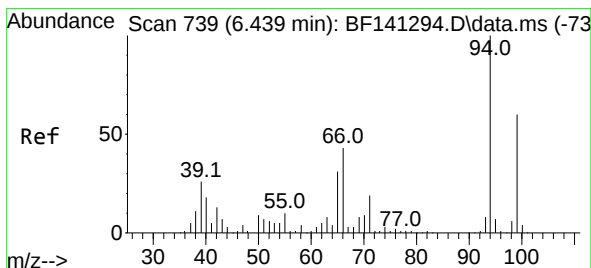
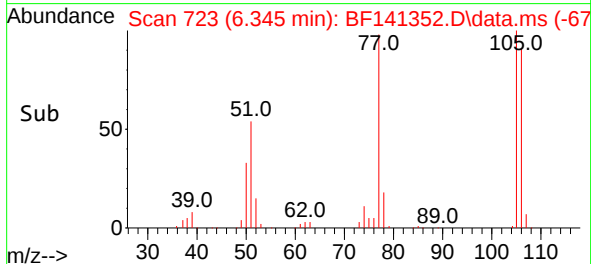
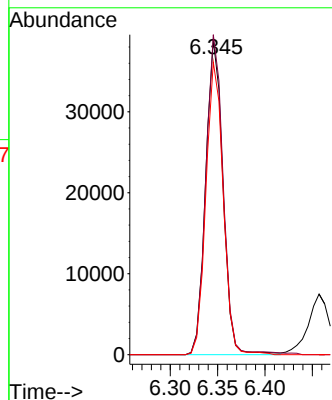
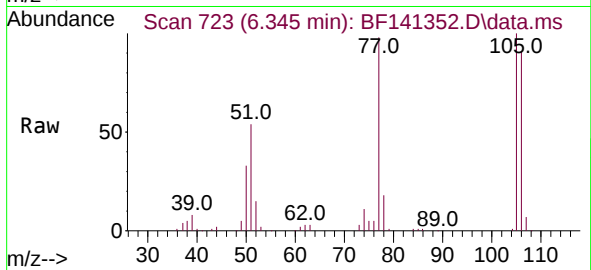




#9
Benzaldehyde
Concen: 6.398 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

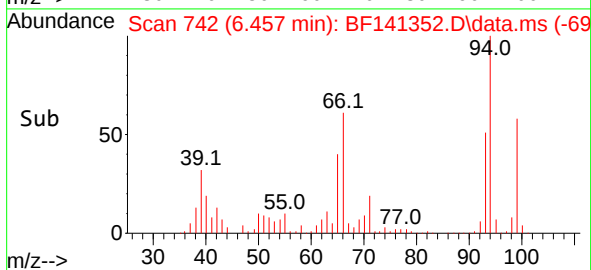
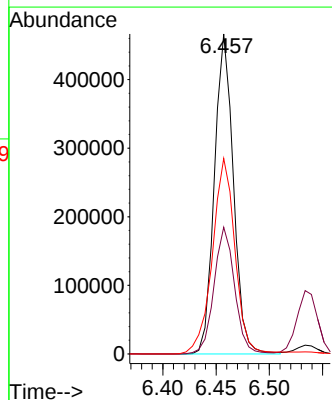
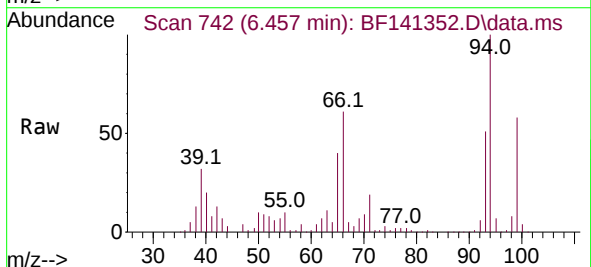
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

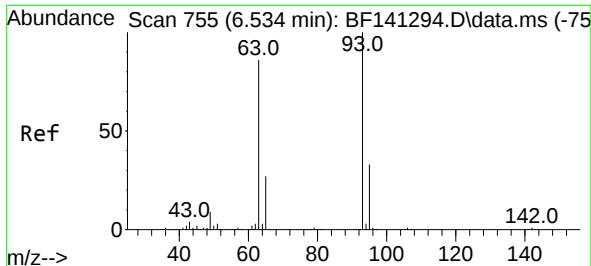
Tgt Ion: 77 Resp: 49148
Ion Ratio Lower Upper
77 100
105 101.7 79.4 119.4
106 93.0 74.6 114.6



#10
Phenol
Concen: 41.207 ng
RT: 6.457 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion: 94 Resp: 579286
Ion Ratio Lower Upper
94 100
65 39.6 10.8 50.8
66 61.1 23.3 63.3



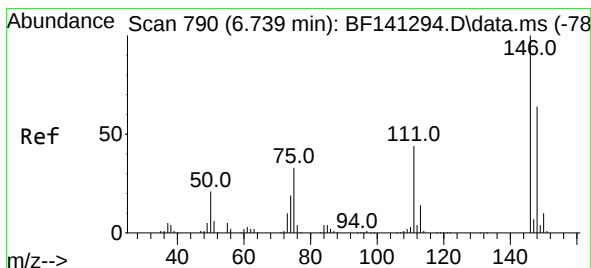
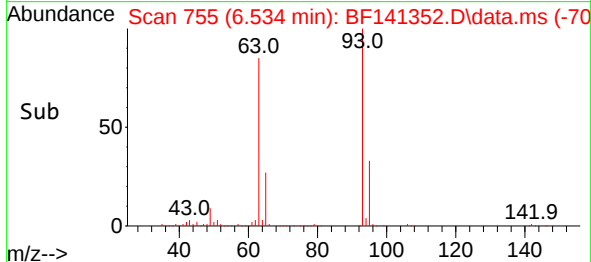
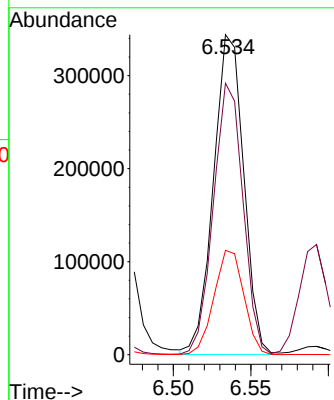
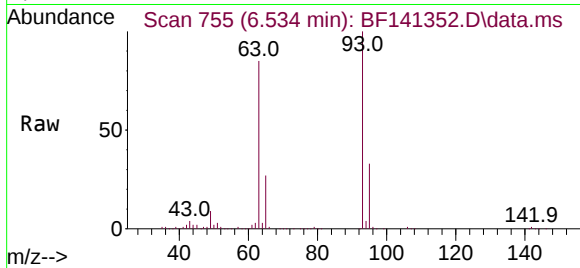


#11
bis(2-Chloroethyl)ether
Concen: 43.327 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion: 93 Resp: 467010

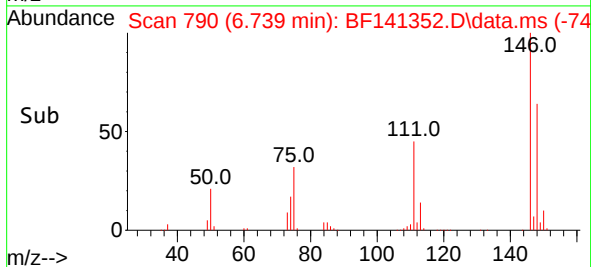
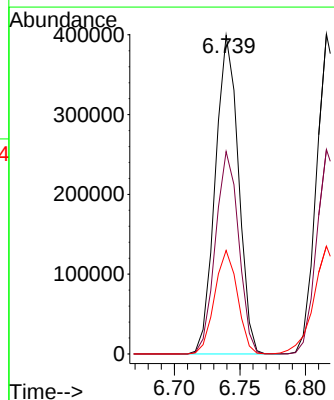
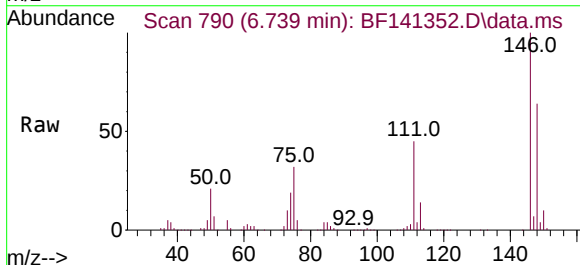
Ion	Ratio	Lower	Upper
93	100		
63	84.9	65.0	105.0
95	32.6	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 39.748 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion: 146 Resp: 489696

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
75	32.5	26.2	39.4





#13

1,4-Dichlorobenzene

Concen: 40.035 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

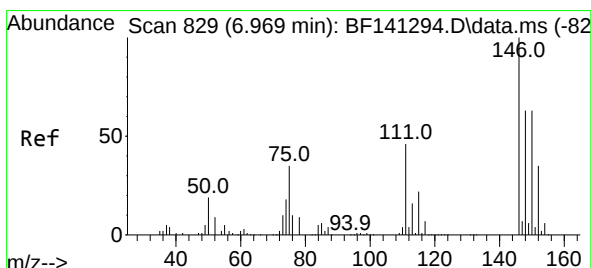
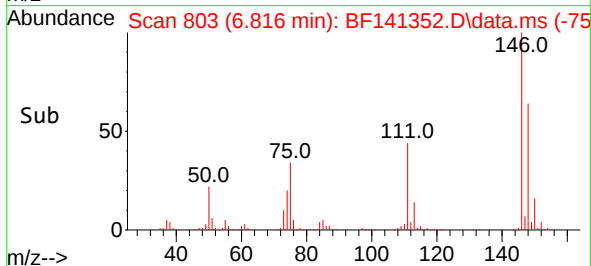
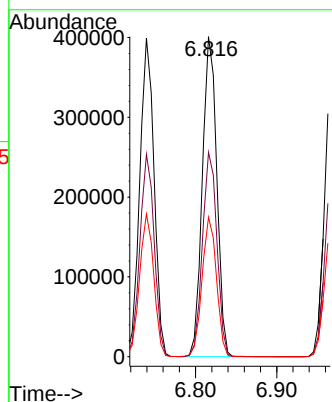
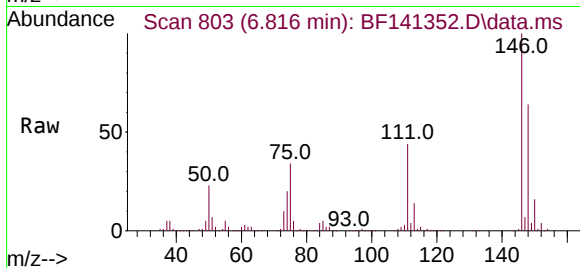
Tgt Ion:146 Resp: 495491

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

111 43.6 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 40.916 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

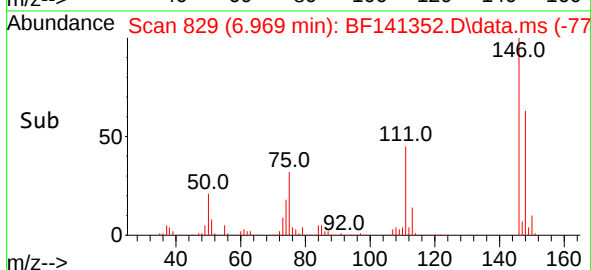
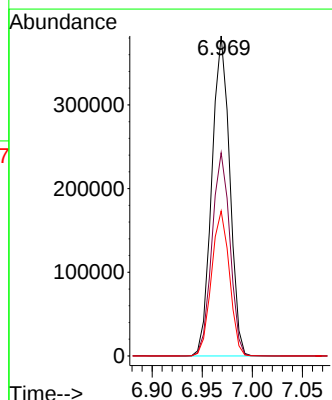
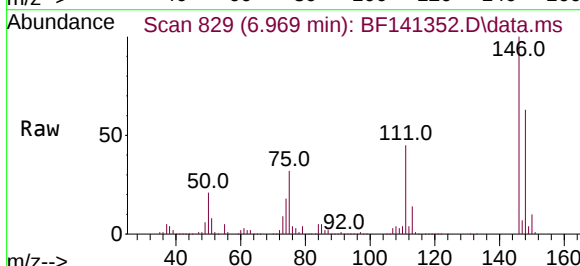
Tgt Ion:146 Resp: 474188

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 45.3 36.6 55.0

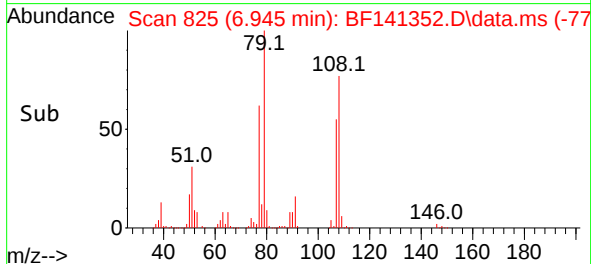
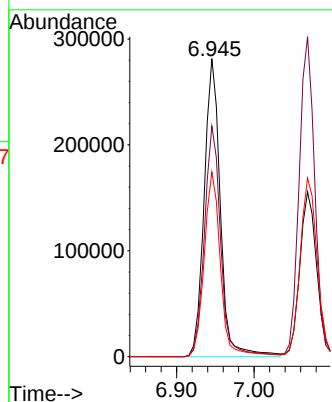
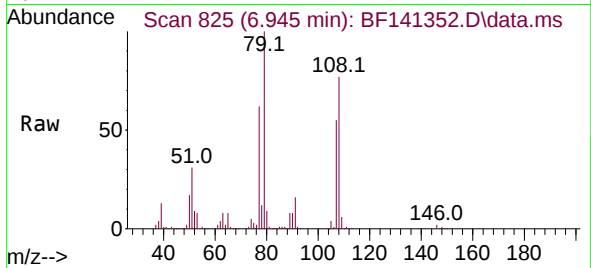




#15
Benzyl Alcohol
Concen: 45.050 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

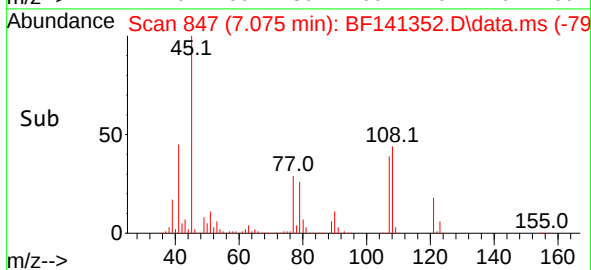
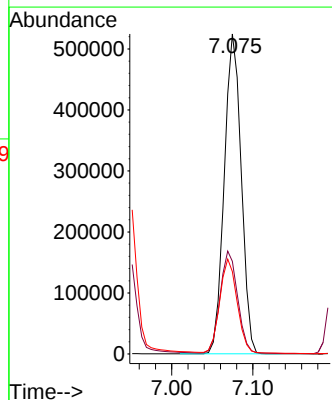
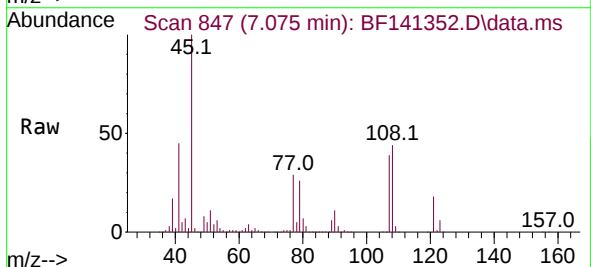
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

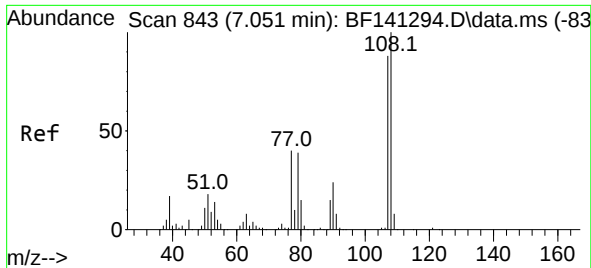
Tgt Ion: 79 Resp: 408281
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 62.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.597 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion: 45 Resp: 760918
Ion Ratio Lower Upper
45 100
77 29.0 0.0 31.8
79 25.8 0.0 29.1

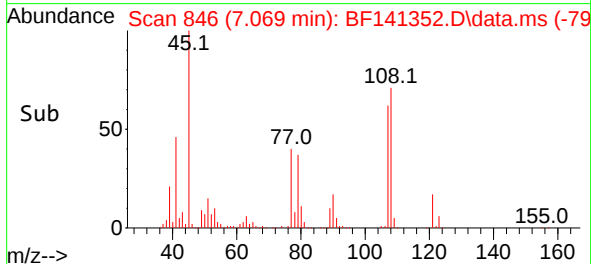
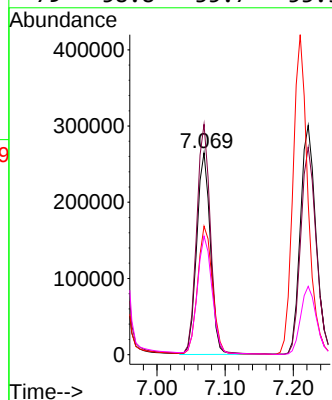
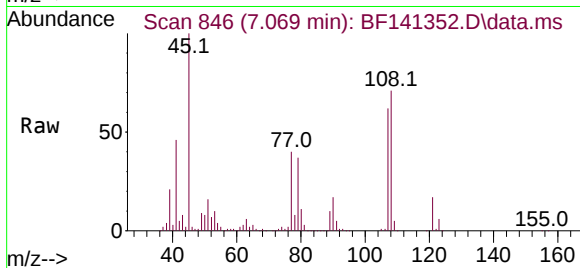




#17
2-Methylphenol
Concen: 40.738 ng
RT: 7.069 min Scan# 84
Delta R.T. 0.012 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

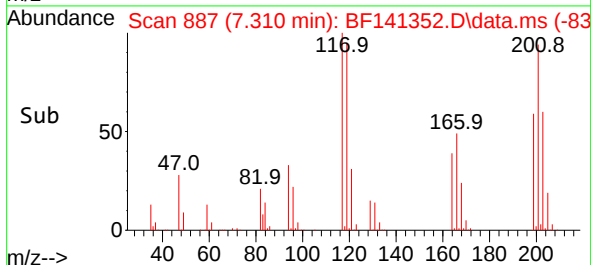
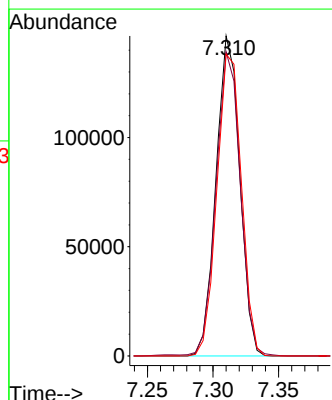
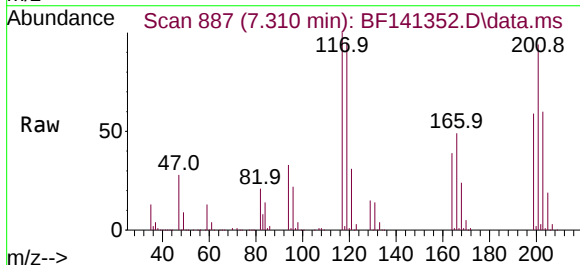
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

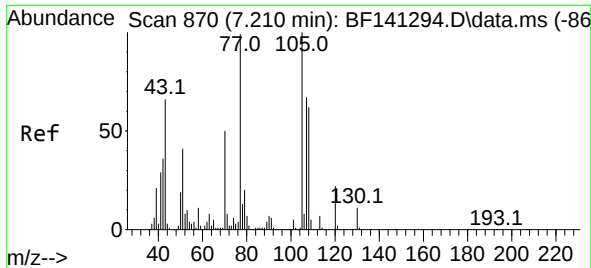
Tgt Ion:107 Resp: 369947
Ion Ratio Lower Upper
107 100
108 114.1 90.8 136.2
77 63.7 36.2 54.4#
79 58.8 35.7 53.5#



#18
Hexachloroethane
Concen: 40.294 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:117 Resp: 183972
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 94.4 74.8 112.2

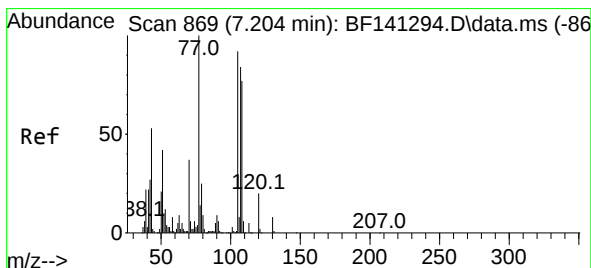
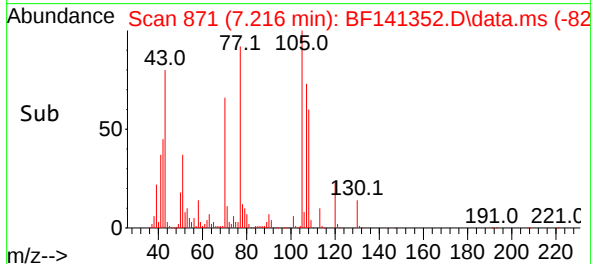
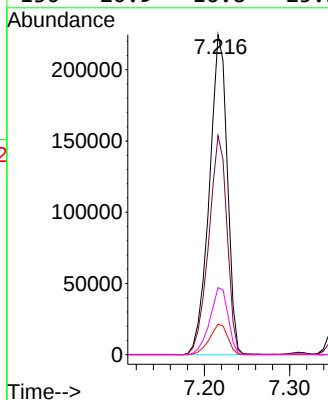
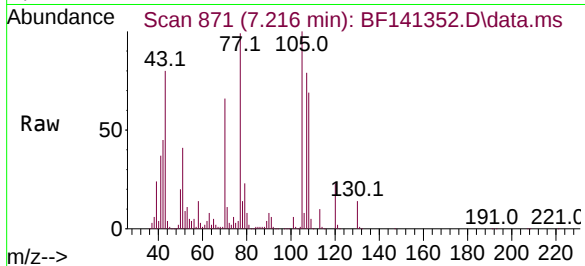




#19
n-Nitroso-di-n-propylamine
Concen: 41.762 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

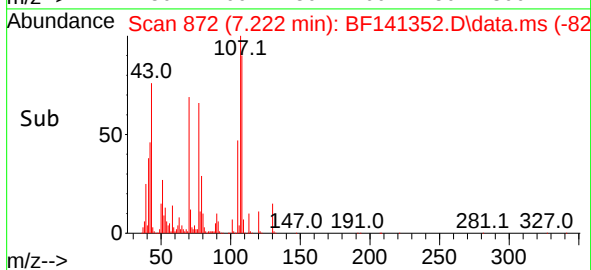
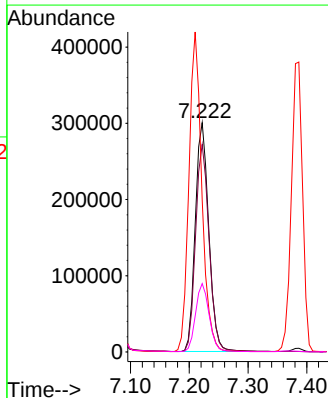
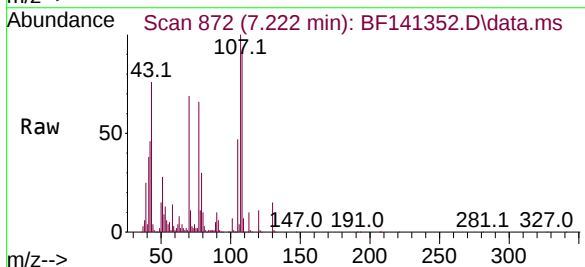
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion: 70 Resp: 329084
Ion Ratio Lower Upper
70 100
42 68.5 56.8 85.2
101 9.5 7.7 11.5
130 20.9 16.8 25.2



#20
3+4-Methylphenols
Concen: 42.911 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion: 107 Resp: 478463
Ion Ratio Lower Upper
107 100
108 90.5 70.9 110.9
77 66.3 98.5 138.5#
79 29.8 9.5 49.5



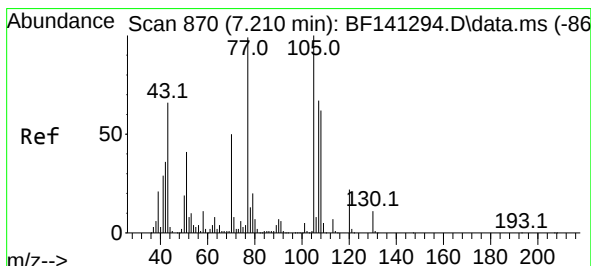
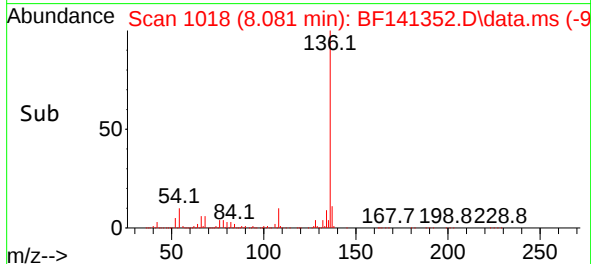
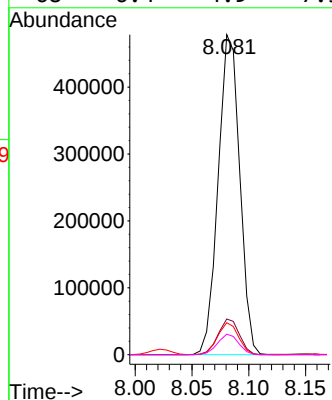
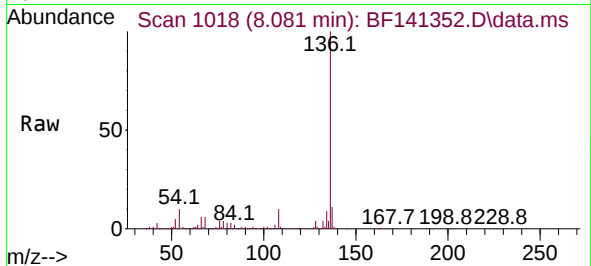


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:136 Resp: 632082

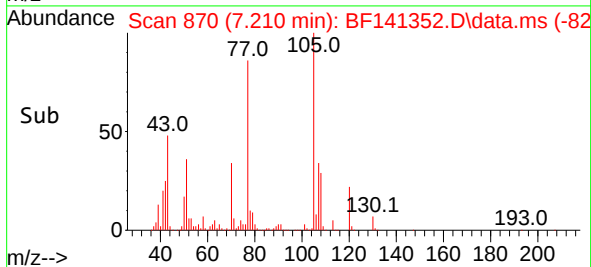
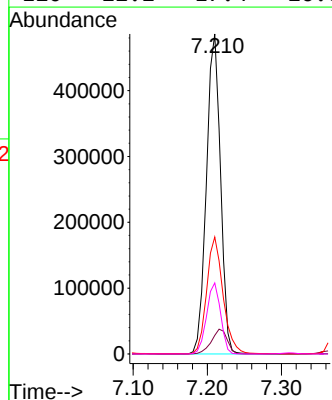
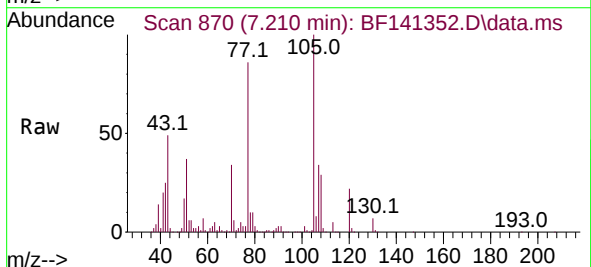
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.0	7.8	11.8
68	6.4	4.9	7.3

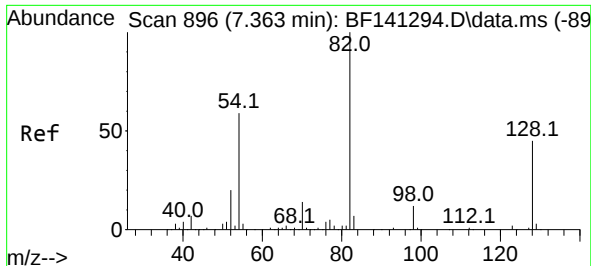


#22
Acetophenone
Concen: 42.694 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:105 Resp: 641459

Ion	Ratio	Lower	Upper
105	100		
71	5.8	6.8	10.2#
51	36.6	32.6	49.0
120	22.2	17.4	26.0





#23

Nitrobenzene-d5

Concen: 65.213 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

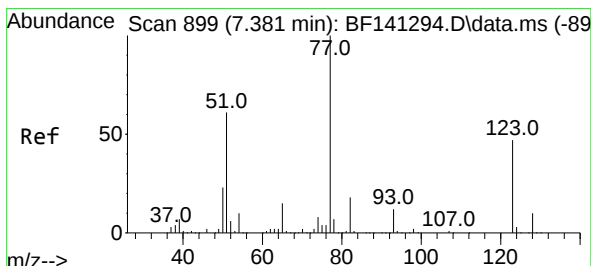
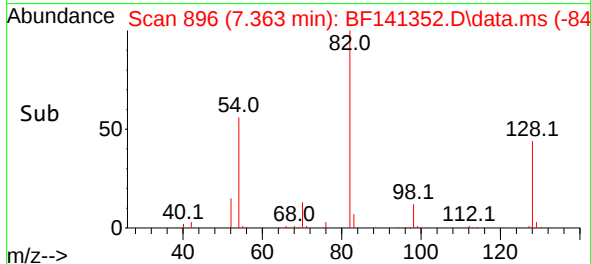
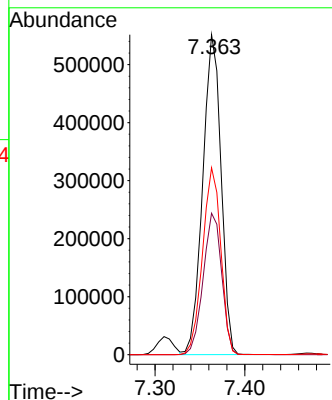
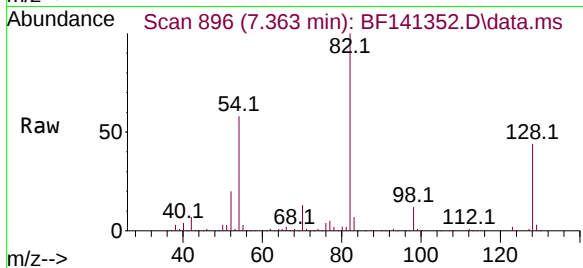
Tgt Ion: 82 Resp: 781915

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

54 58.4 47.1 70.7



#24

Nitrobenzene

Concen: 40.443 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

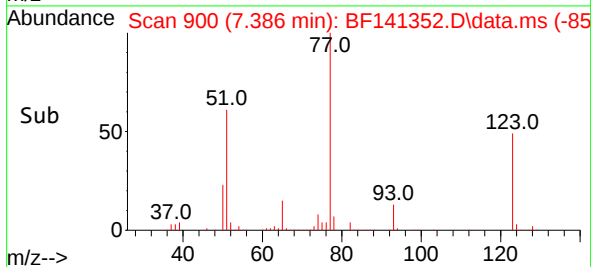
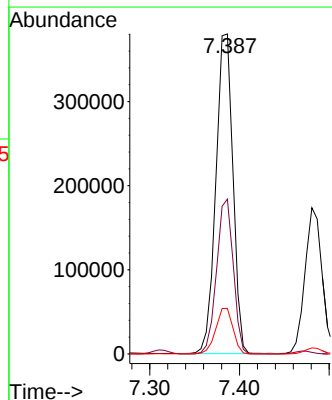
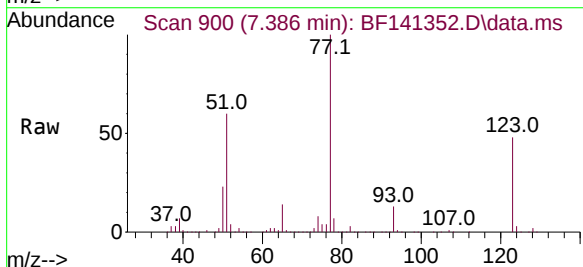
Tgt Ion: 77 Resp: 502528

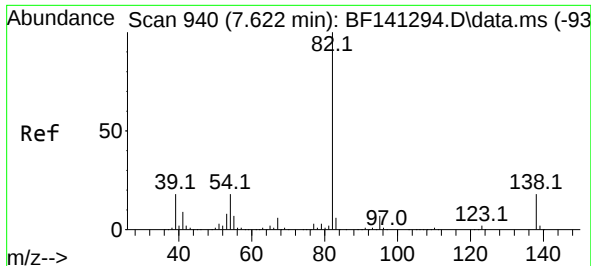
Ion Ratio Lower Upper

77 100

123 48.4 37.3 55.9

65 14.2 11.8 17.6

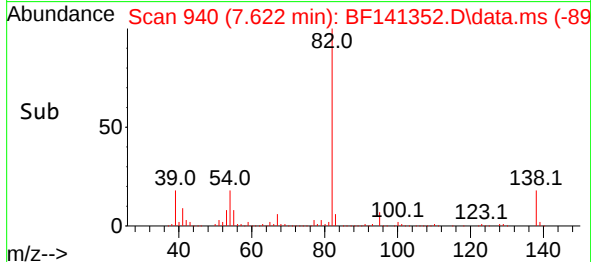
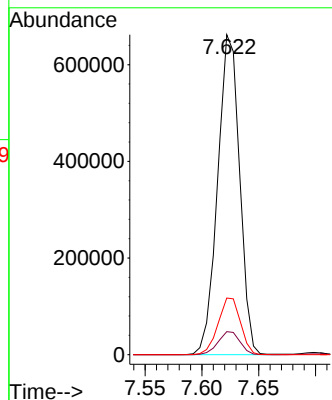
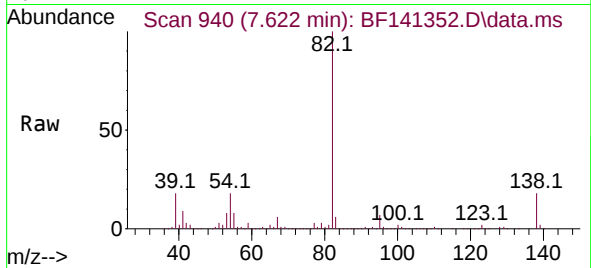




#25
Isophorone
Concen: 43.053 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

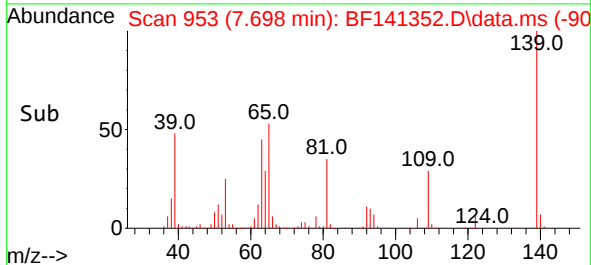
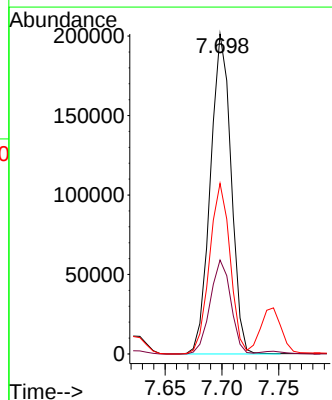
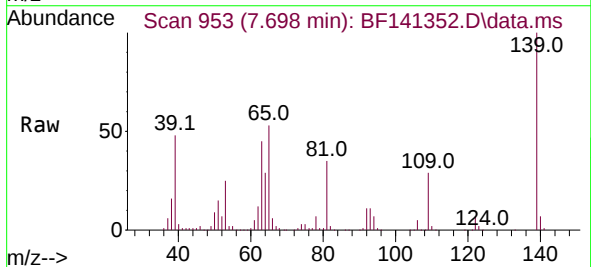
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion: 82 Resp: 892320
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.7 14.7 22.1



#26
2-Nitrophenol
Concen: 43.531 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:139 Resp: 255094
Ion Ratio Lower Upper
139 100
109 29.4 23.8 35.6
65 53.3 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 47.761 ng

RT: 7.745 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

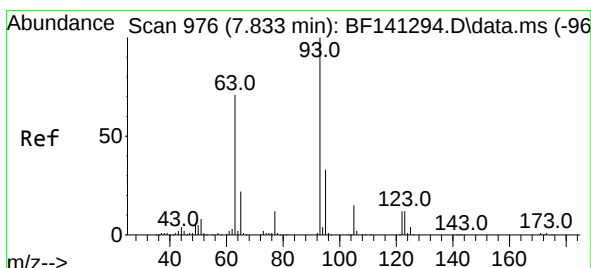
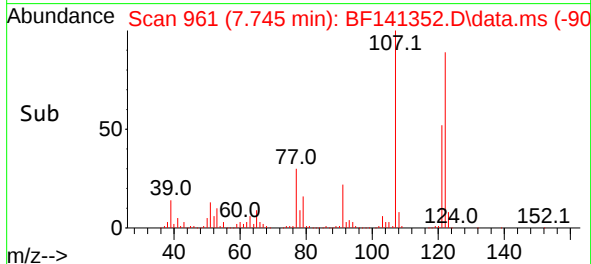
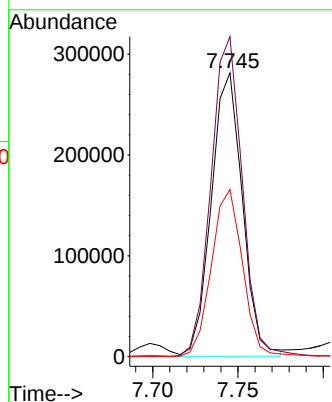
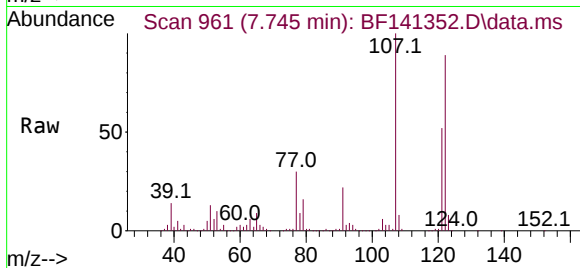
Tgt Ion:122 Resp: 356241

Ion Ratio Lower Upper

122 100

107 112.7 89.9 134.9

121 58.9 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.009 ng

RT: 7.834 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

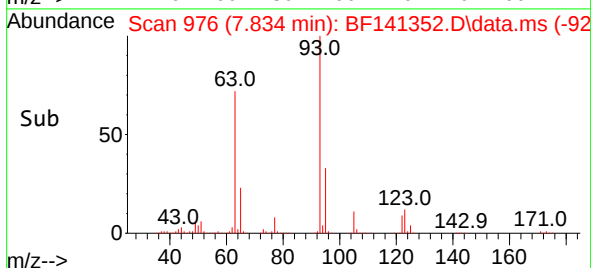
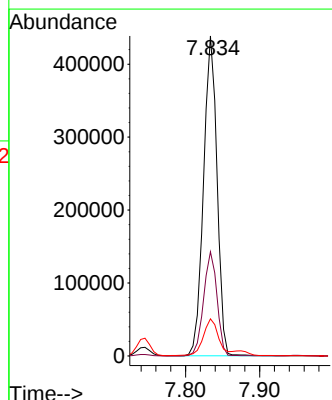
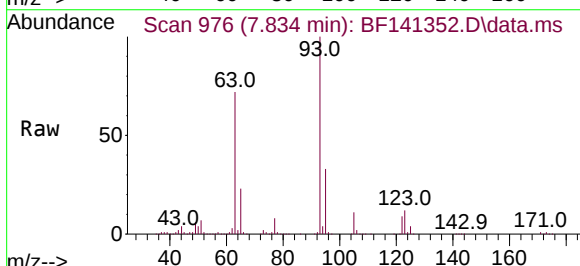
Tgt Ion: 93 Resp: 555377

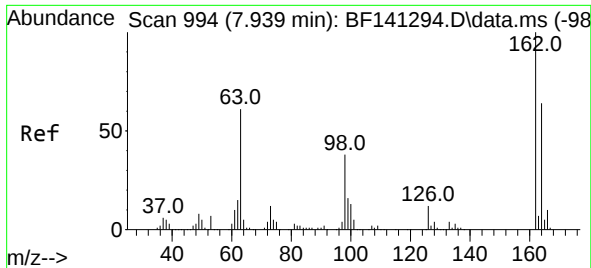
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 42.827 ng

RT: 7.951 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

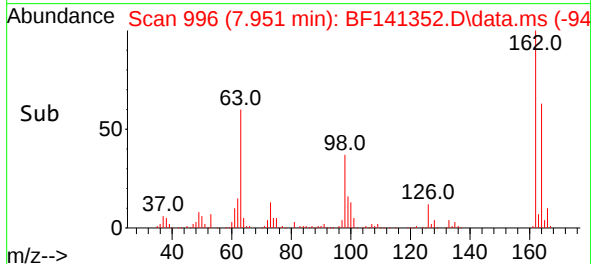
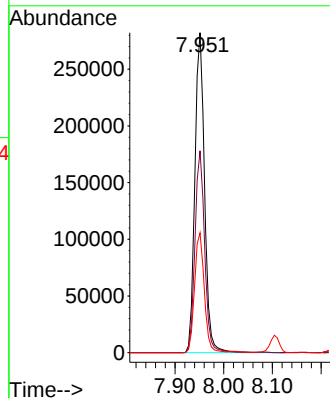
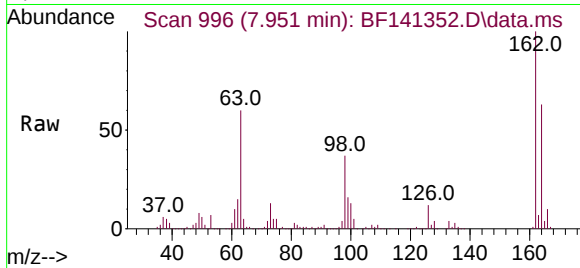
Tgt Ion:162 Resp: 391067

Ion Ratio Lower Upper

162 100

164 63.1 44.2 84.2

98 37.5 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 39.069 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

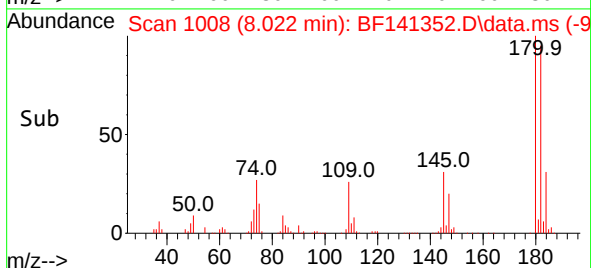
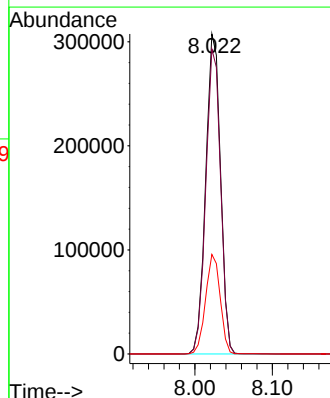
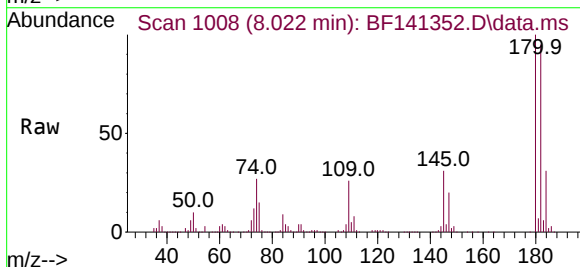
Tgt Ion:180 Resp: 407421

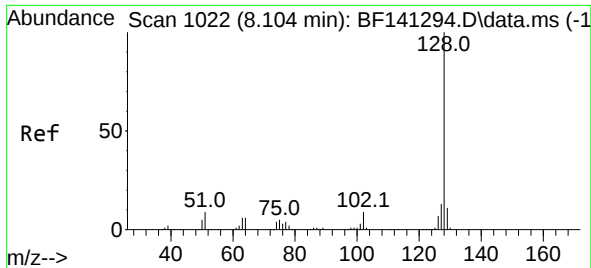
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.1 24.9 37.3

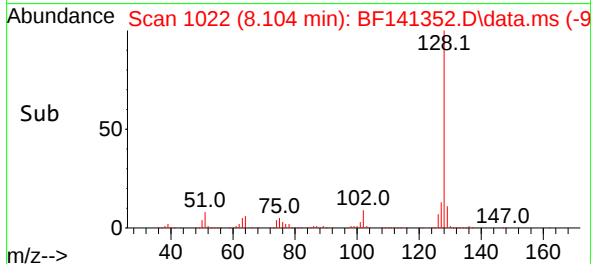
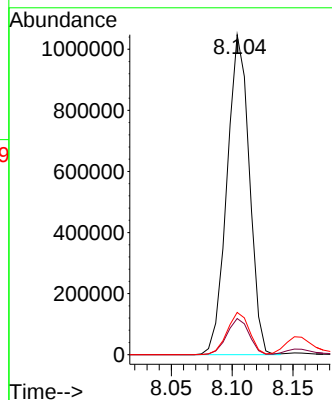
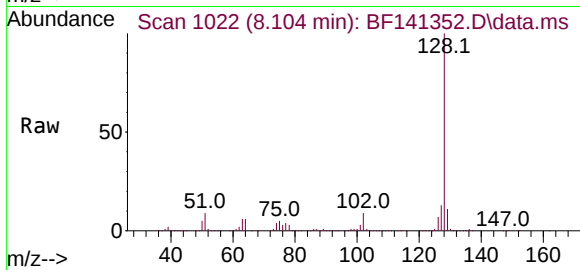




#31
Naphthalene
Concen: 40.119 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

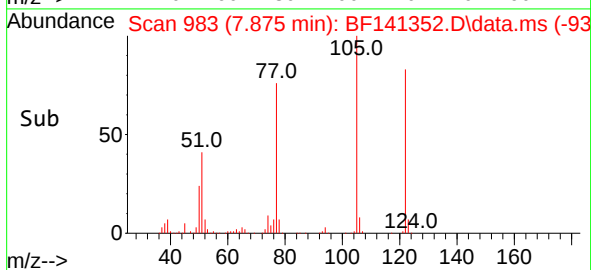
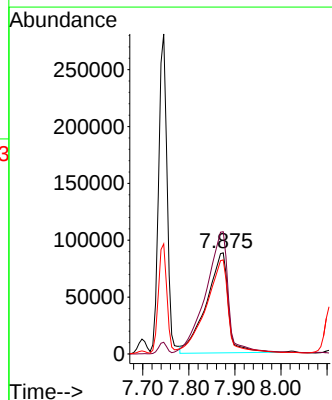
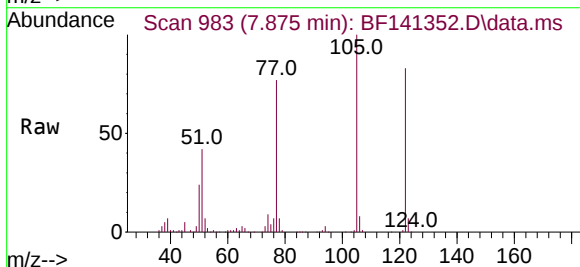
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:128 Resp: 1339613
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 42.771 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:122 Resp: 293276
Ion Ratio Lower Upper
122 100
105 121.0 103.4 143.4
77 93.1 70.9 110.9

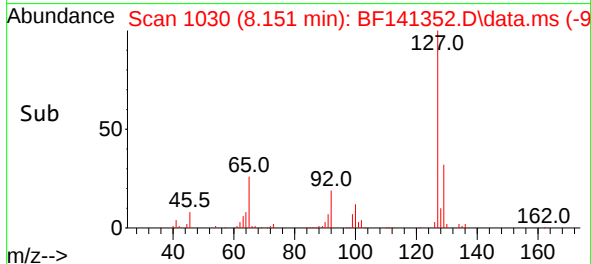
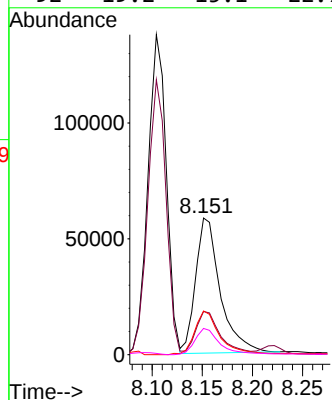
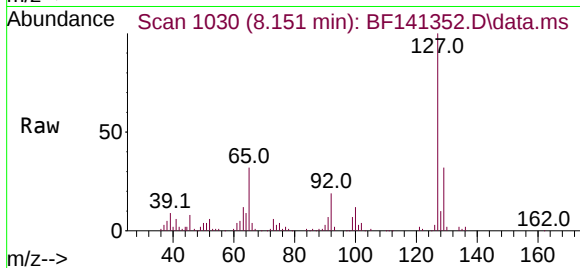




#33
4-Chloroaniline
Concen: 8.796 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

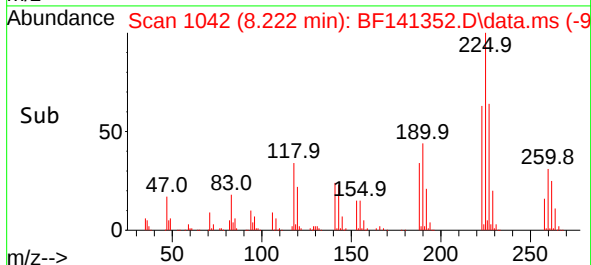
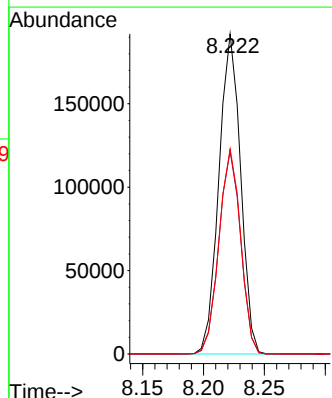
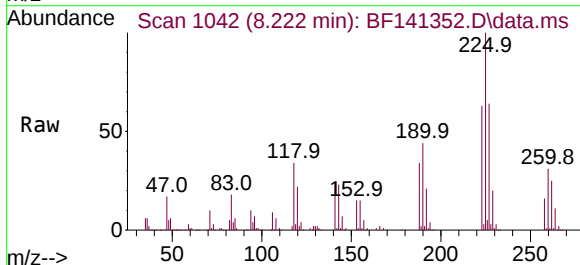
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

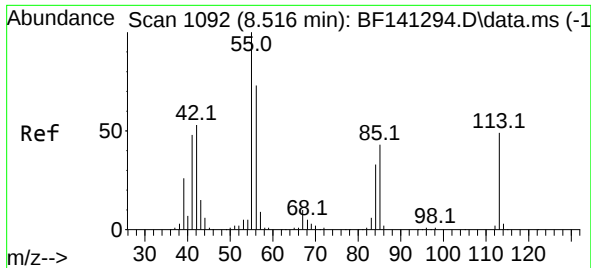
Tgt Ion:	127	Resp:	99598
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	32.0	26.4	39.6
92	19.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.821 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:	225	Resp:	237412
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	64.1	51.3	76.9

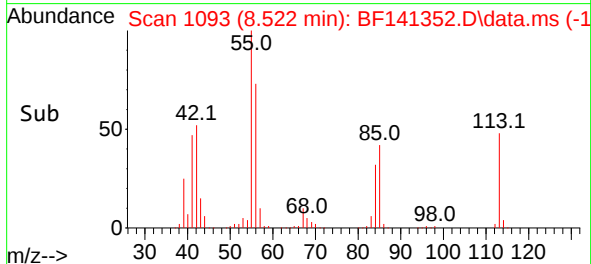
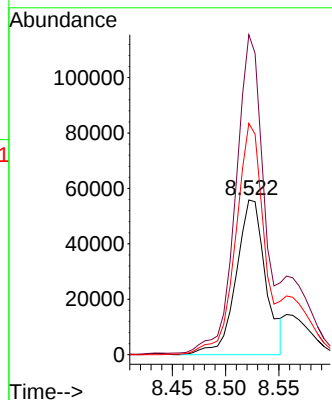
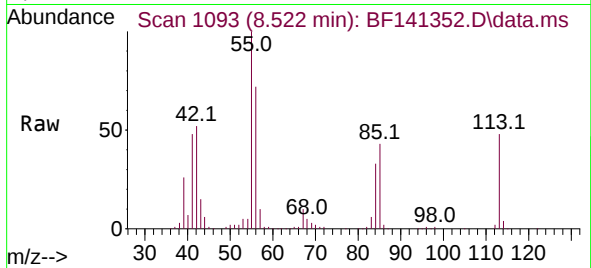




#35
 Caprolactam
 Concen: 36.043 ng
 RT: 8.522 min Scan# 1109
 Delta R.T. -0.024 min
 Lab File: BF141352.D
 Acq: 01 Feb 2025 00:30

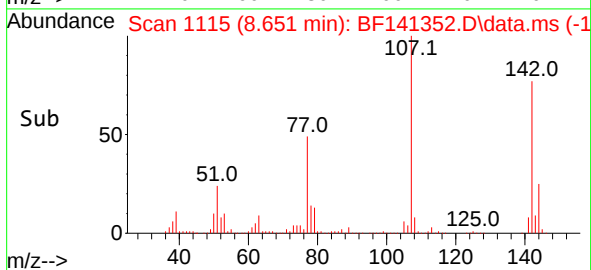
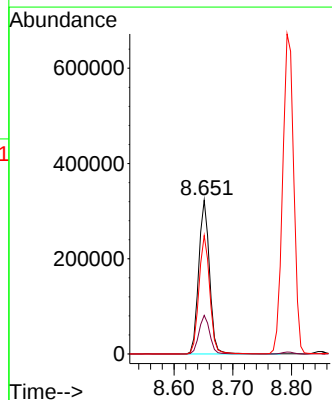
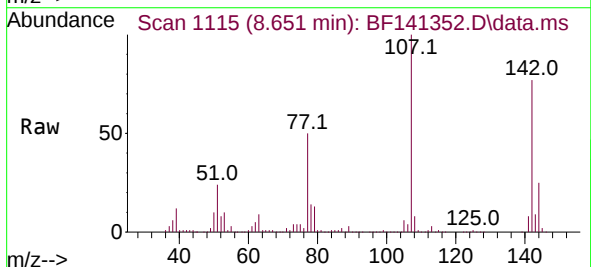
Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MS

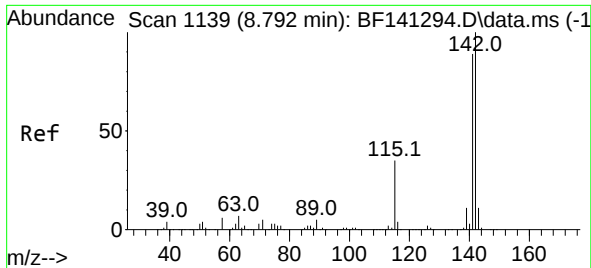
Tgt Ion:113 Resp: 107487
 Ion Ratio Lower Upper
 113 100
 55 206.9 182.9 222.9
 56 149.6 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.094 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF141352.D
 Acq: 01 Feb 2025 00:30

Tgt Ion:107 Resp: 412298
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.7 31.1
 142 77.0 63.8 95.8

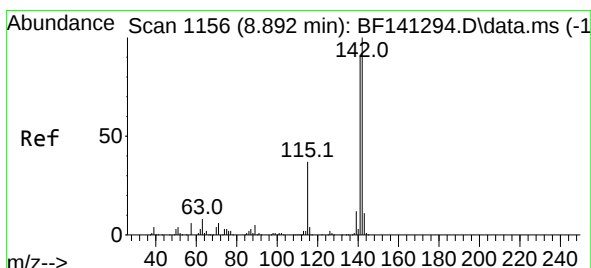
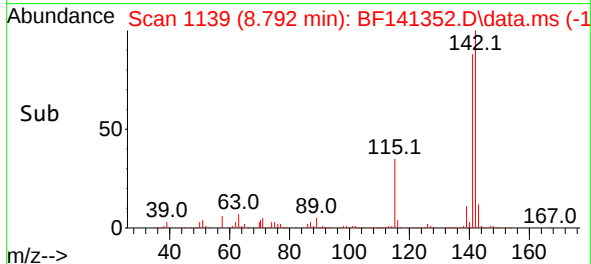
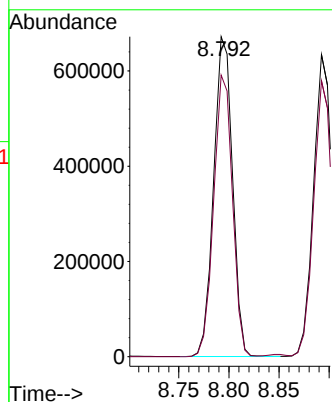
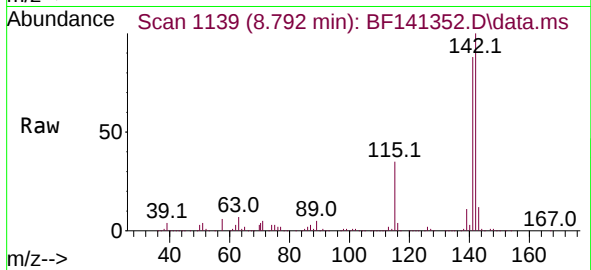




#37
2-Methylnaphthalene
Concen: 41.263 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

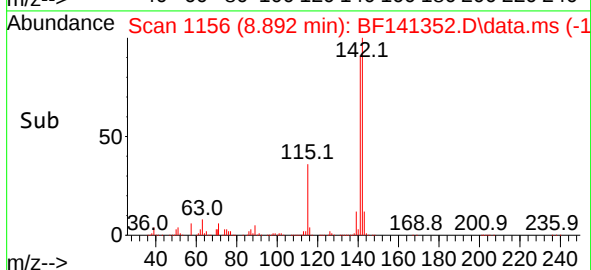
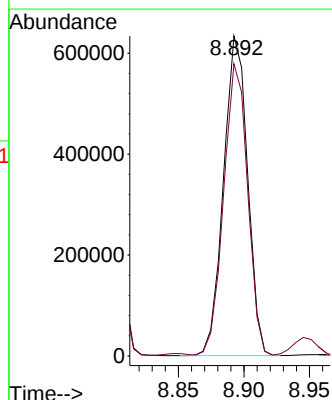
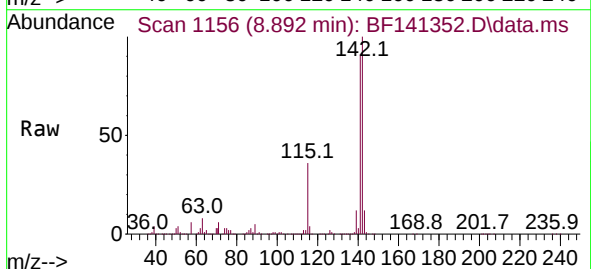
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

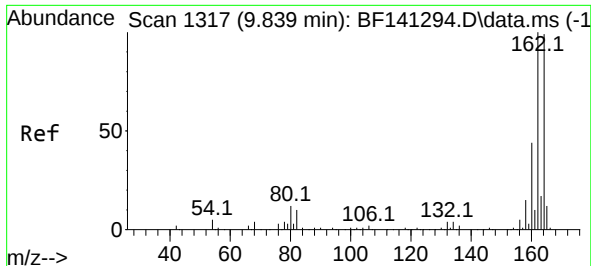
Tgt Ion:142 Resp: 875724
Ion Ratio Lower Upper
142 100
141 88.0 71.3 106.9



#38
1-Methylnaphthalene
Concen: 38.739 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:142 Resp: 807610
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8

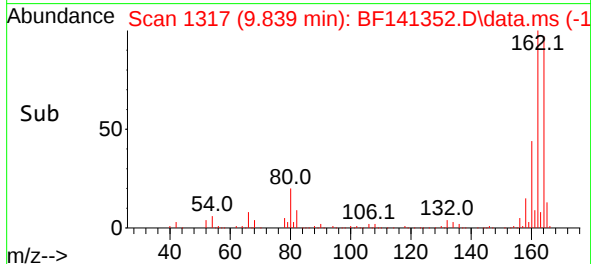
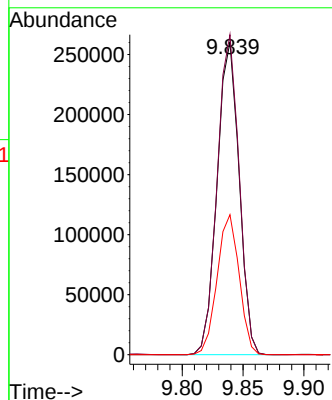
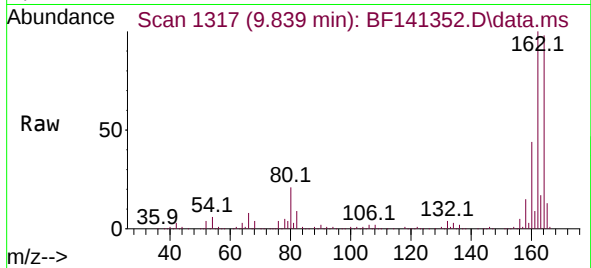




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

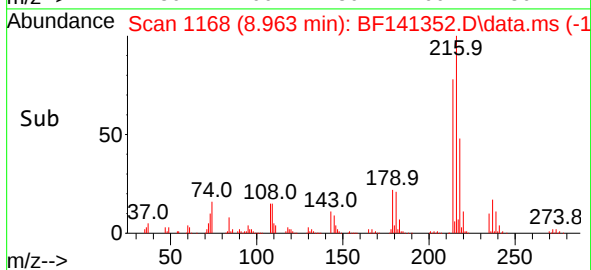
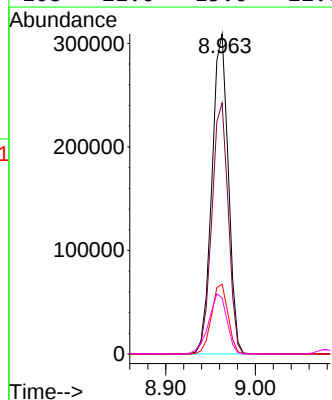
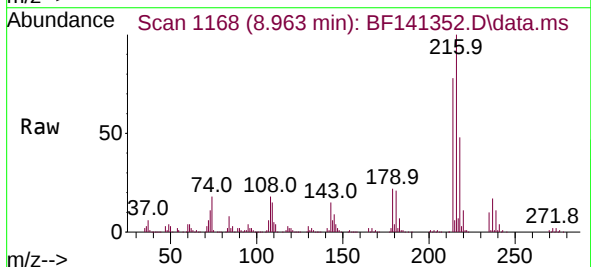
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:164 Resp: 327389
Ion Ratio Lower Upper
164 100
162 102.4 80.6 121.0
160 44.8 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.976 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:216 Resp: 390961
Ion Ratio Lower Upper
216 100
214 78.7 63.2 94.8
179 22.0 17.8 26.8
108 21.0 15.0 22.6

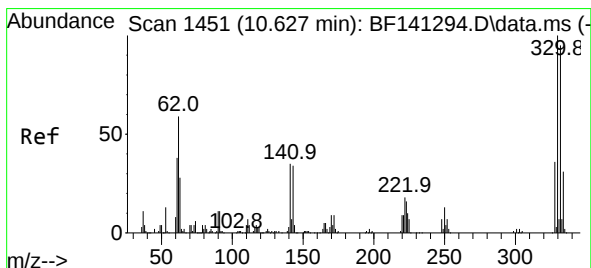
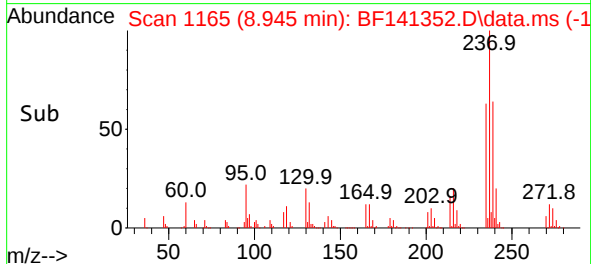
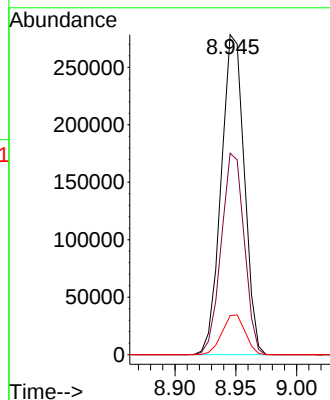
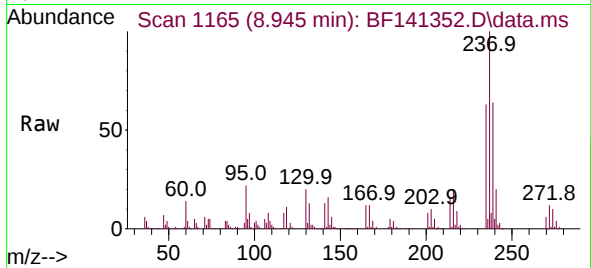




#41
Hexachlorocyclopentadiene
Concen: 133.935 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

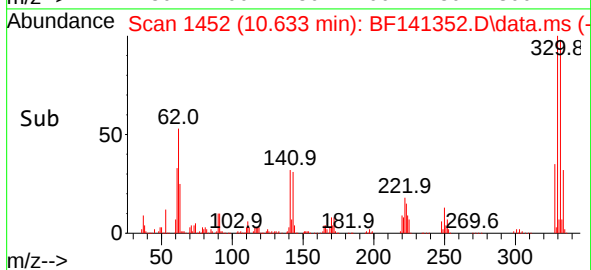
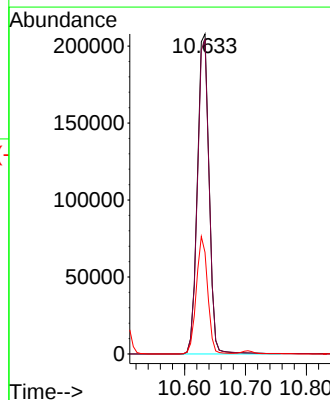
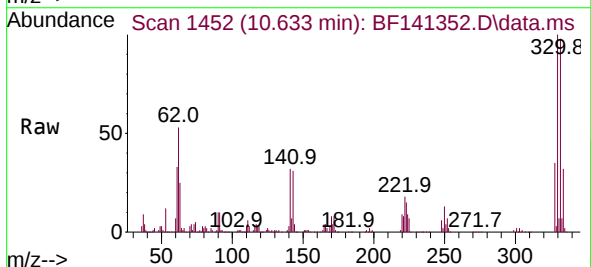
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:237 Resp: 368408
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 12.2 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 92.213 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:330 Resp: 276769
Ion Ratio Lower Upper
330 100
332 98.3 76.1 114.1
141 35.7 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 43.328 ng

RT: 9.081 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

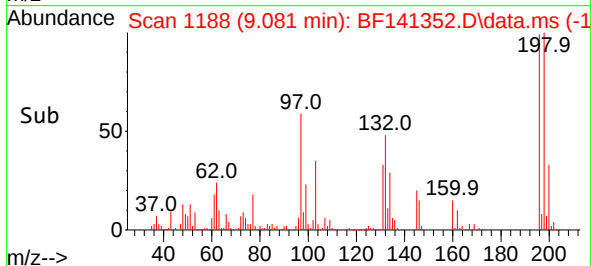
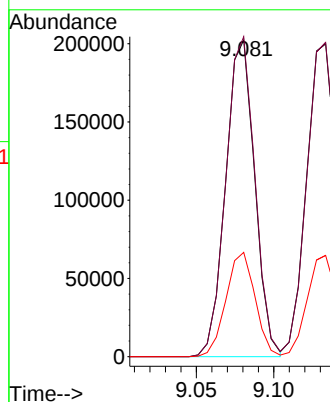
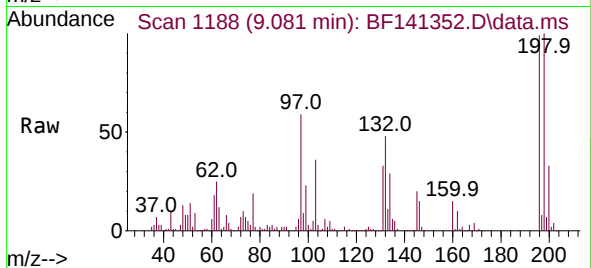
Tgt Ion:196 Resp: 264141

Ion Ratio Lower Upper

196 100

198 101.1 81.8 122.6

200 32.9 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 42.861 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.017 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Tgt Ion:196 Resp: 284388

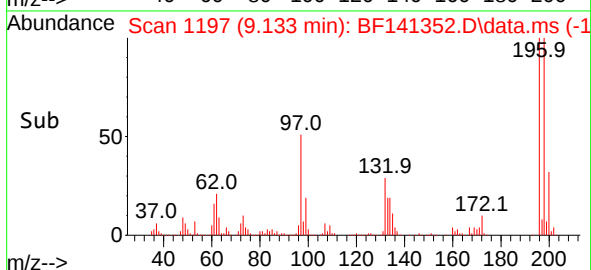
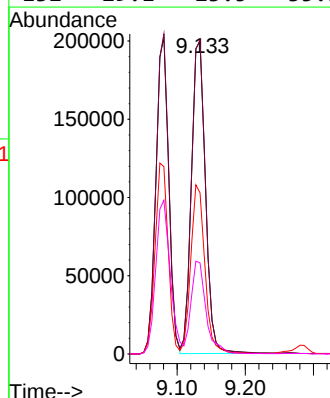
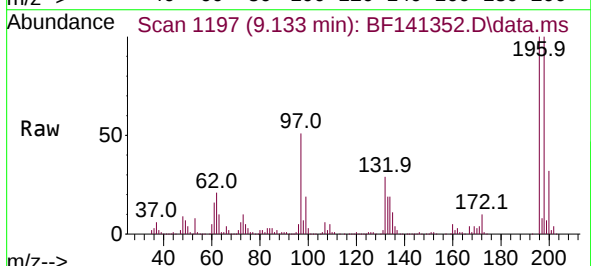
Ion Ratio Lower Upper

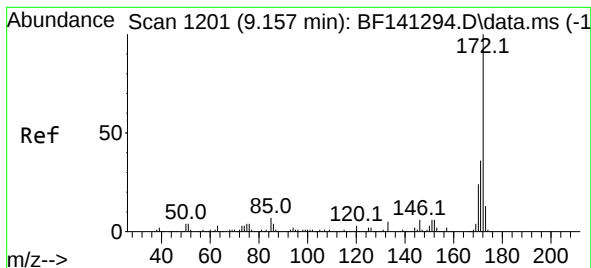
196 100

198 100.4 80.5 120.7

97 51.5 42.8 64.2

132 29.1 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 61.779 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

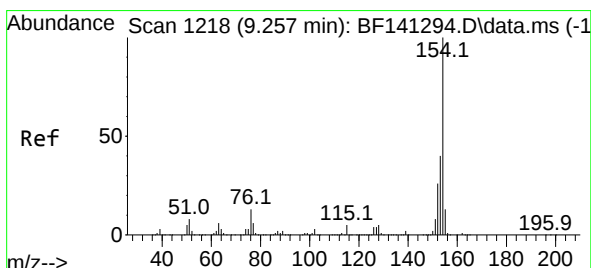
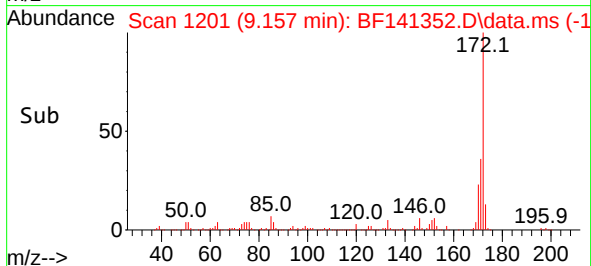
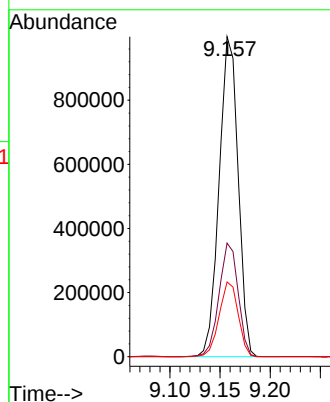
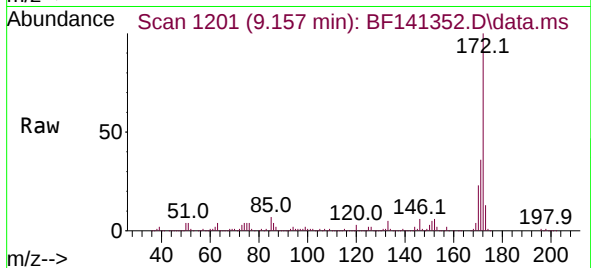
Tgt Ion:172 Resp: 1314061

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.919 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

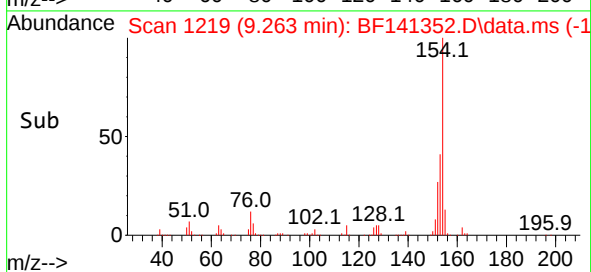
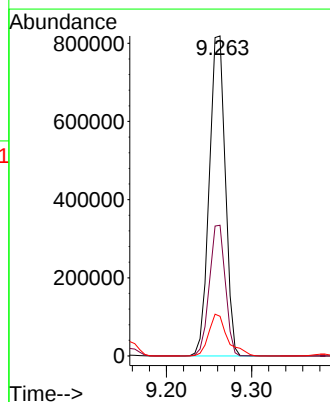
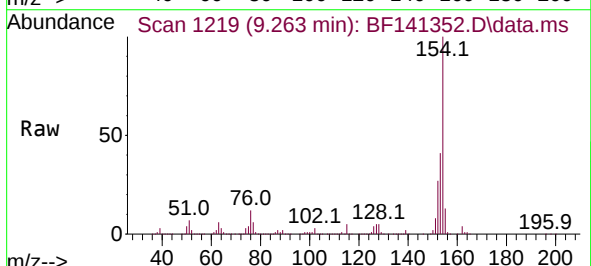
Tgt Ion:154 Resp: 1070294

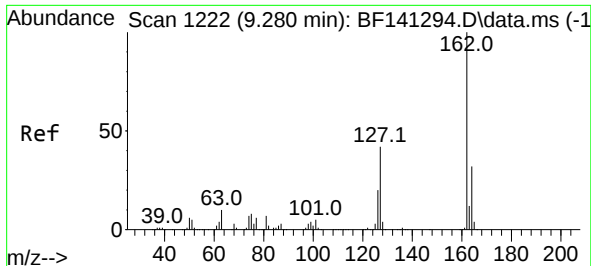
Ion Ratio Lower Upper

154 100

153 40.9 20.0 60.0

76 12.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.168 ng

RT: 9.286 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

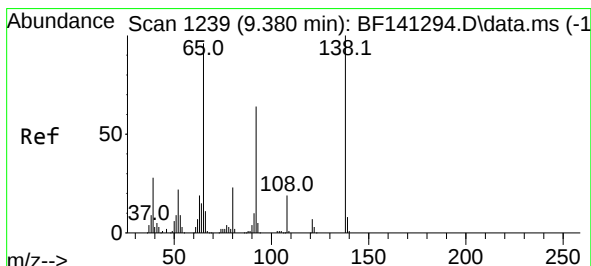
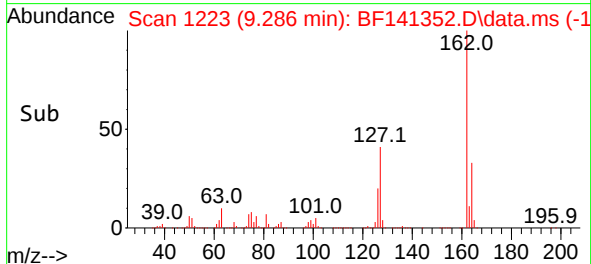
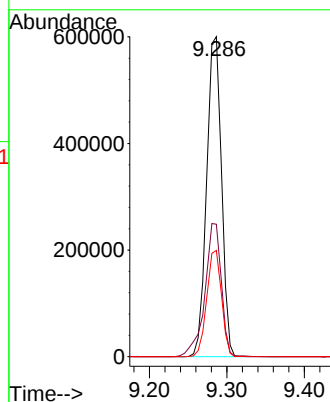
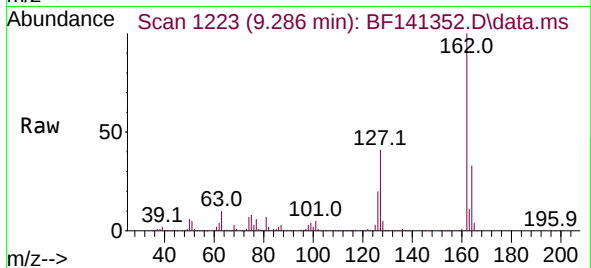
Tgt Ion:162 Resp: 799380

Ion Ratio Lower Upper

162 100

127 41.4 33.7 50.5

164 33.2 25.9 38.9



#48

2-Nitroaniline

Concen: 43.530 ng

RT: 9.380 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

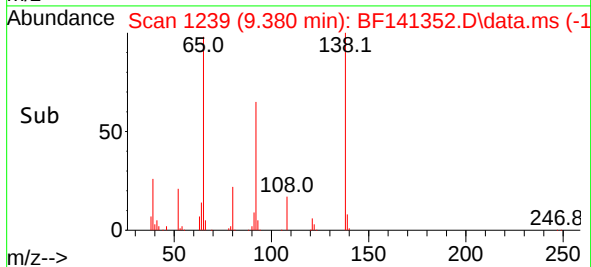
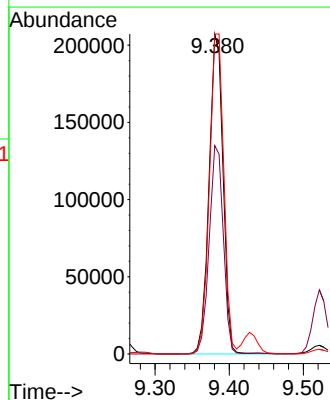
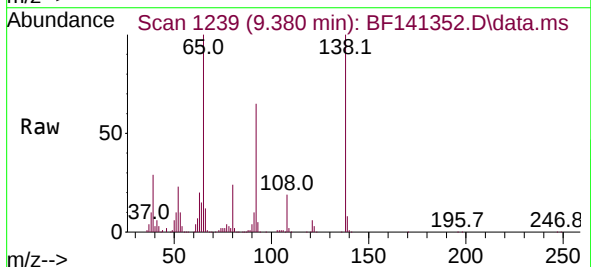
Tgt Ion: 65 Resp: 272485

Ion Ratio Lower Upper

65 100

92 65.1 53.3 79.9

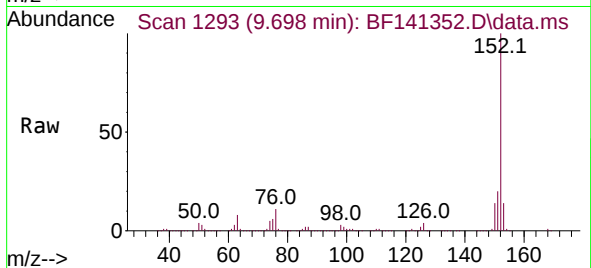
138 100.0 83.6 125.4



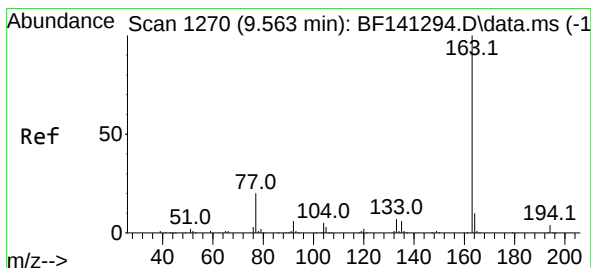
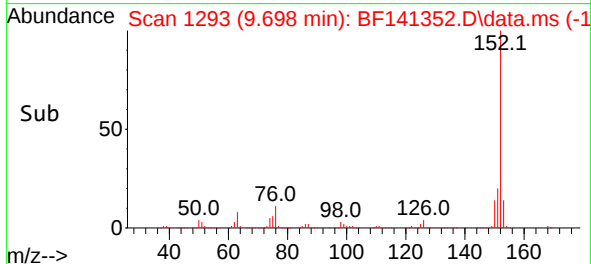
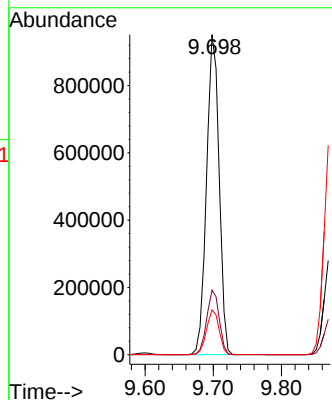


#49
Acenaphthylene
Concen: 43.870 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

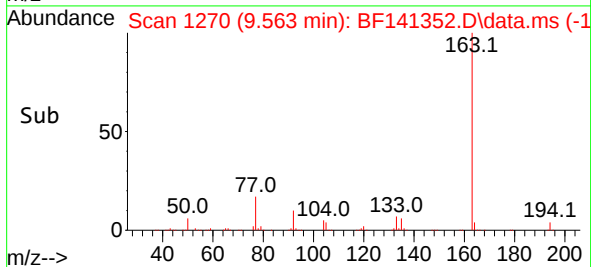
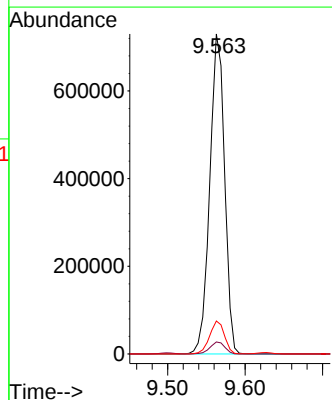
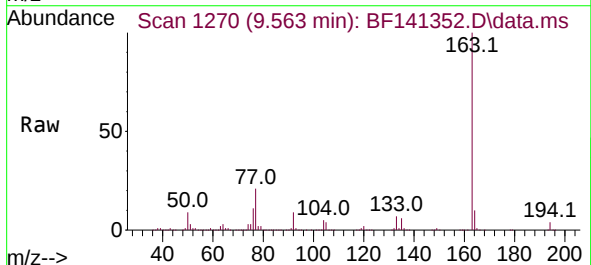


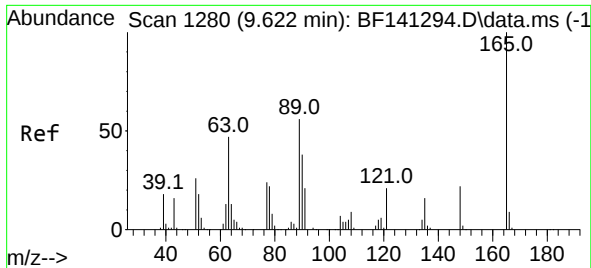
Tgt Ion:152 Resp: 1222120
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 14.0 11.0 16.6



#50
Dimethylphthalate
Concen: 43.857 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:163 Resp: 969748
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.0 12.0

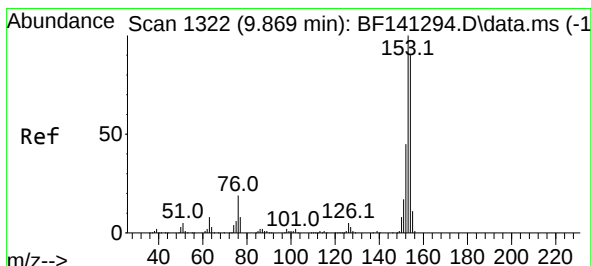
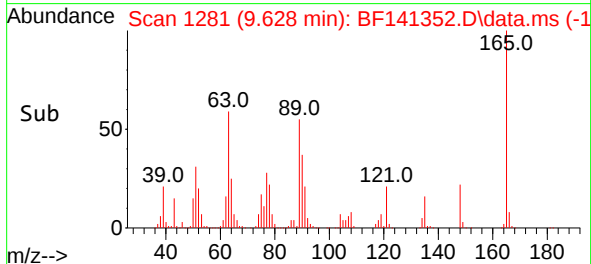
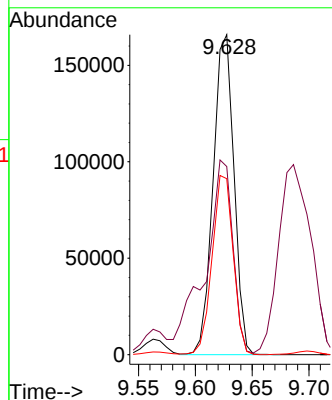
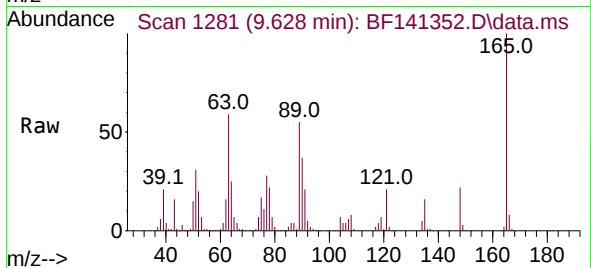




#51
2,6-Dinitrotoluene
Concen: 41.273 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

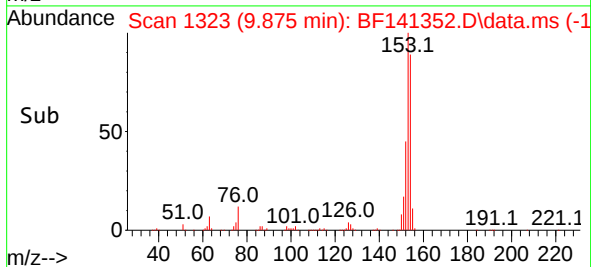
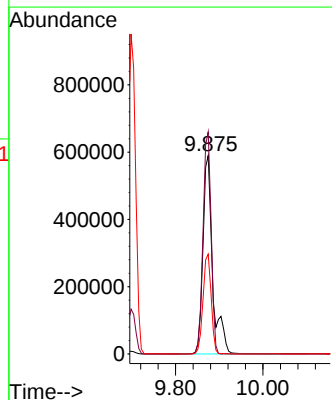
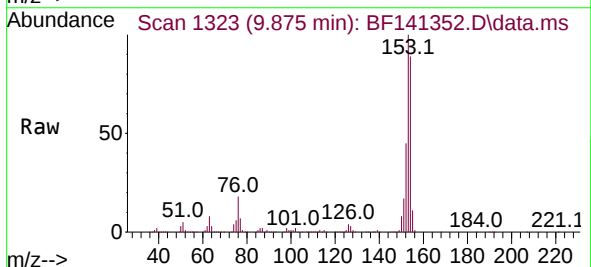
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

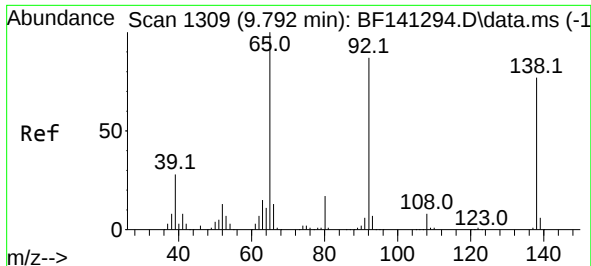
Tgt Ion:165 Resp: 211898
Ion Ratio Lower Upper
165 100
63 58.8 48.1 72.1
89 55.0 44.9 67.3



#52
Acenaphthene
Concen: 46.100 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:154 Resp: 917466
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 50.4 40.2 60.4

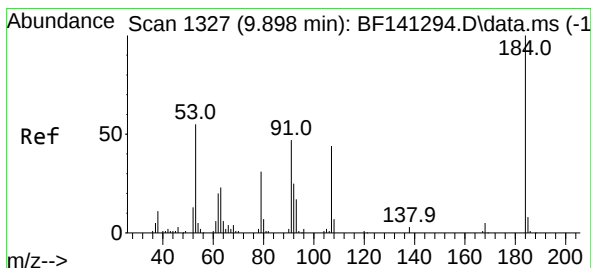
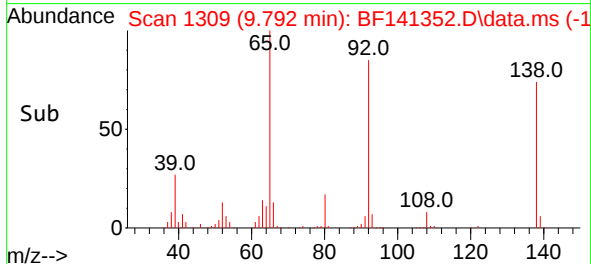
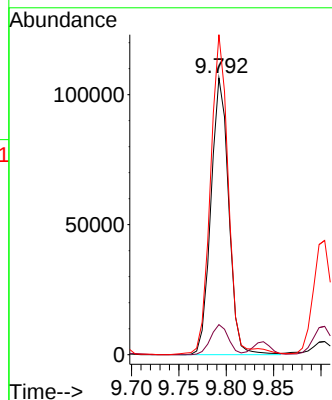
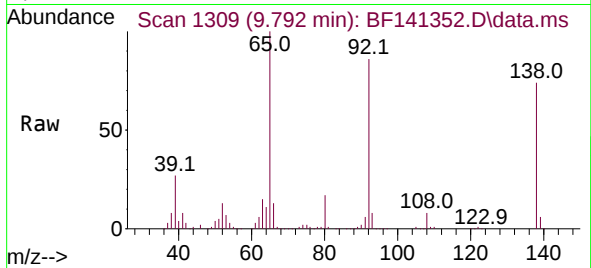




#53
3-Nitroaniline
Concen: 27.509 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

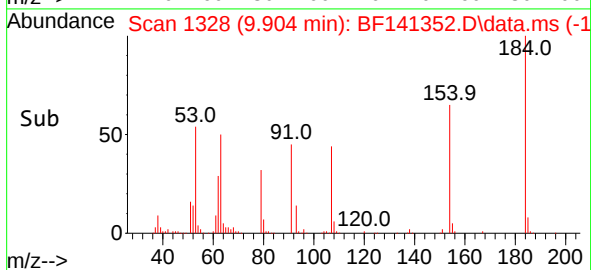
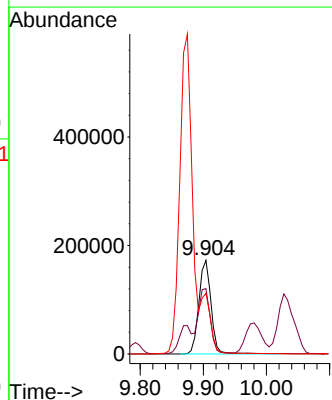
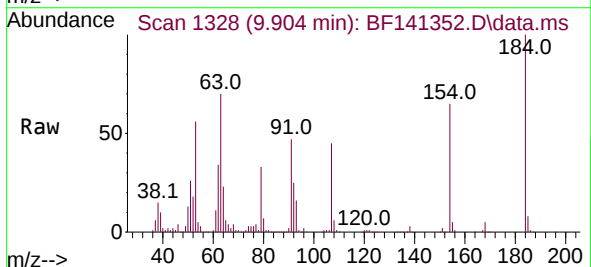
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

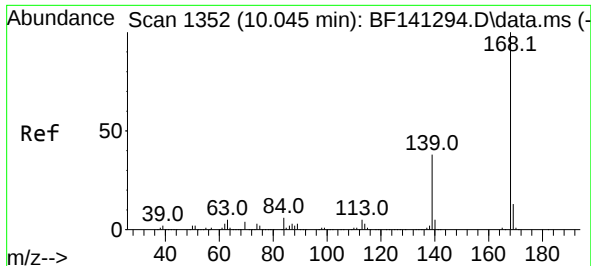
Tgt Ion:138 Resp: 138426
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 115.6 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 97.163 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:184 Resp: 231891
Ion Ratio Lower Upper
184 100
63 69.7 54.1 81.1
154 64.8 50.7 76.1

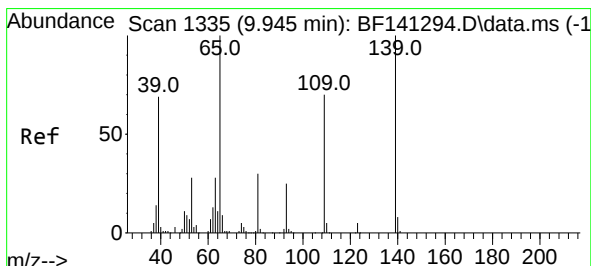
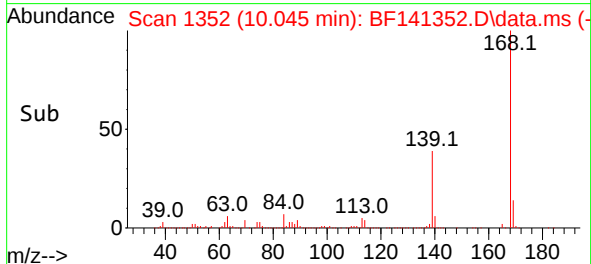
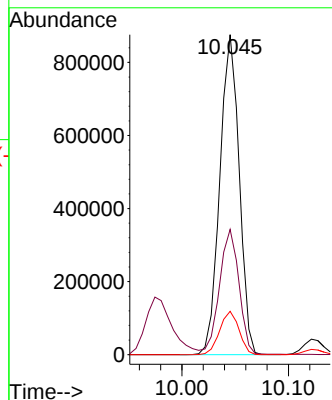
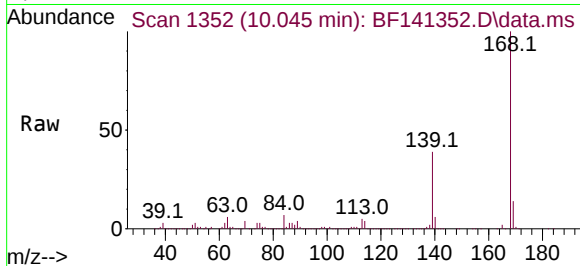




#55
Dibenzenofuran
Concen: 41.404 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

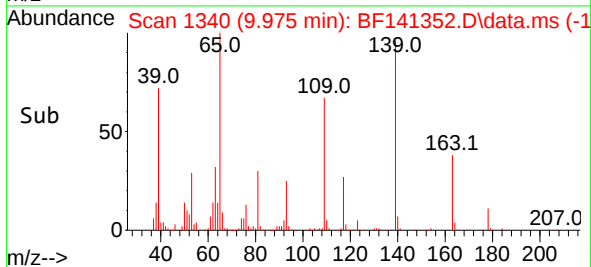
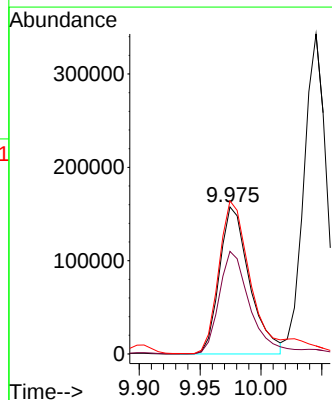
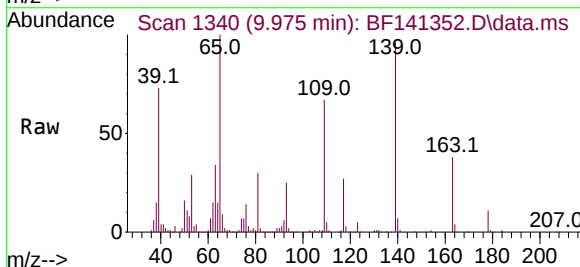
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

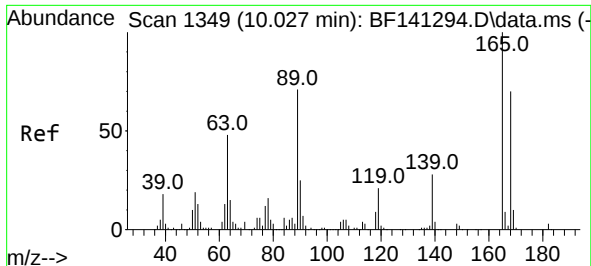
Tgt Ion:168 Resp: 1102981
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 73.603 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:139 Resp: 270862
Ion Ratio Lower Upper
139 100
109 69.7 50.2 90.2
65 104.2 80.6 120.6

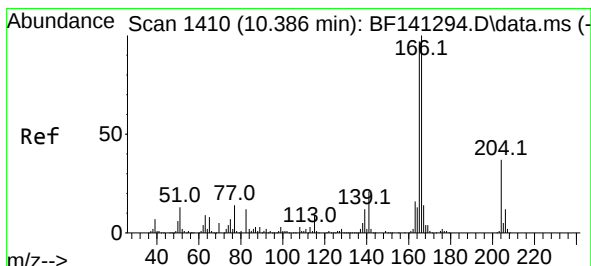
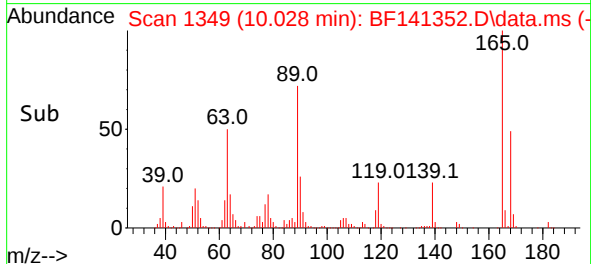
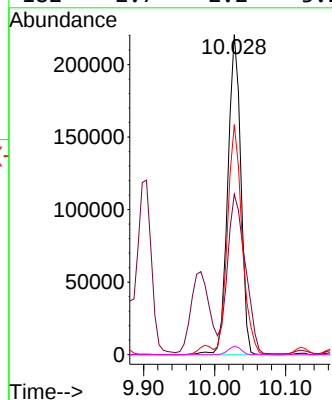
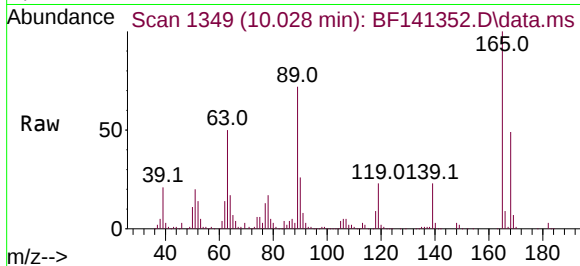




#57
2,4-Dinitrotoluene
Concen: 42.091 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

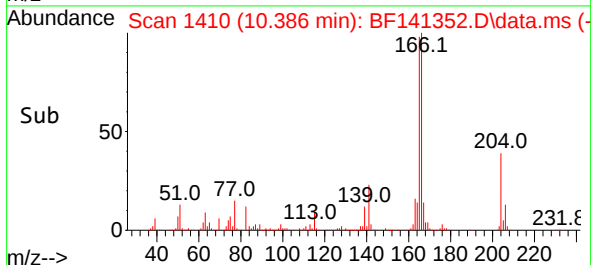
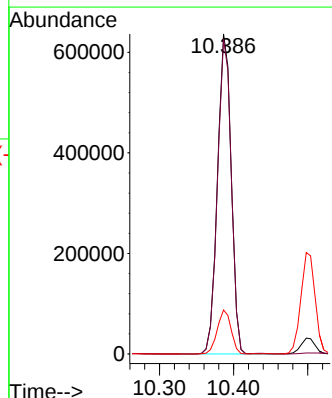
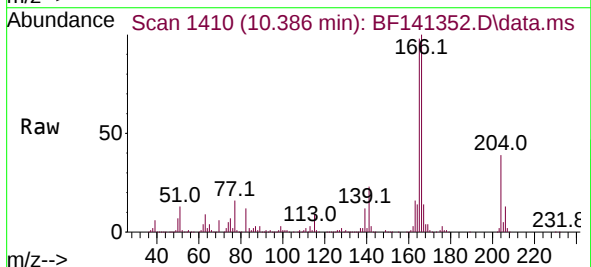
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:165 Resp: 279789
Ion Ratio Lower Upper
165 100
63 50.2 39.2 58.8
89 71.9 56.9 85.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.575 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:166 Resp: 817762
Ion Ratio Lower Upper
166 100
165 98.4 77.5 116.3
167 13.7 10.9 16.3

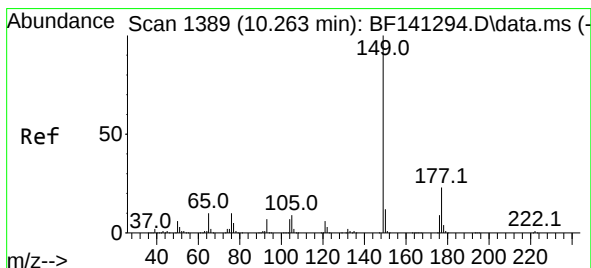
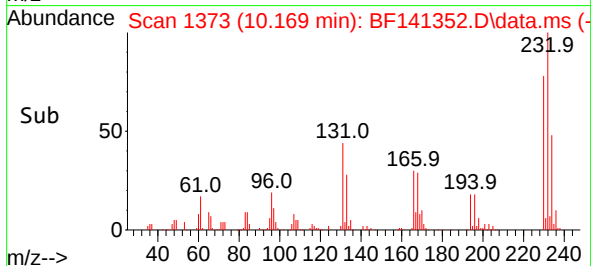
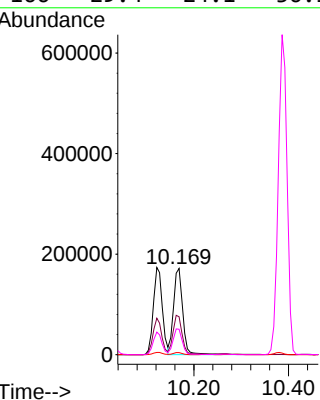
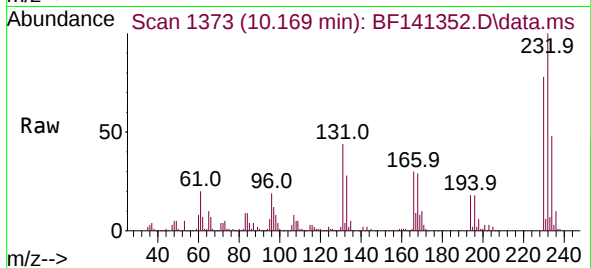




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.188 ng
RT: 10.169 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

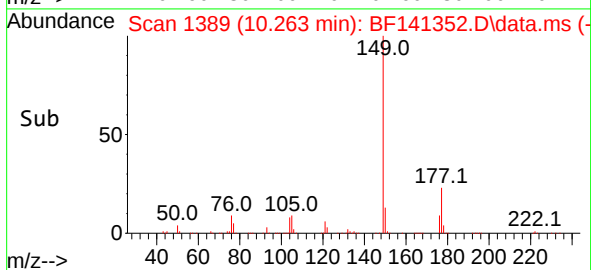
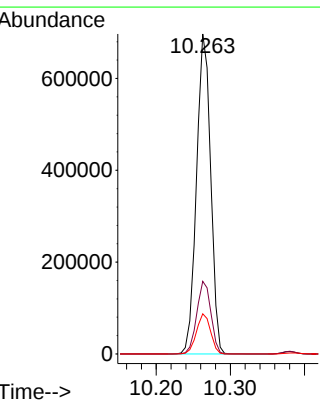
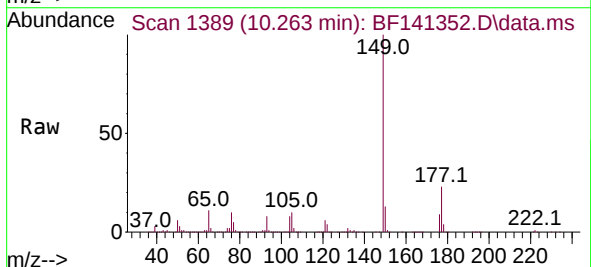
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

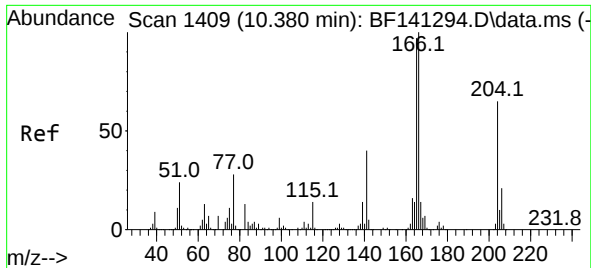
Tgt Ion:232 Resp: 230657
Ion Ratio Lower Upper
232 100
131 45.6 36.4 54.6
130 2.4 1.9 2.9
166 29.4 24.1 36.1



#60
Diethylphthalate
Concen: 43.075 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:149 Resp: 923514
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.6 10.0 15.0

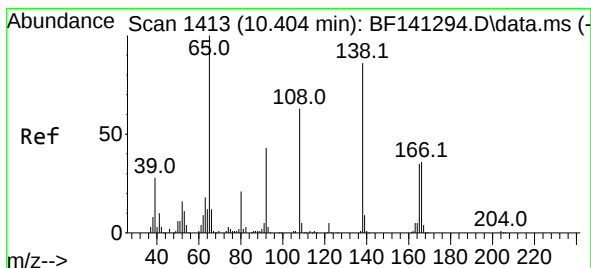
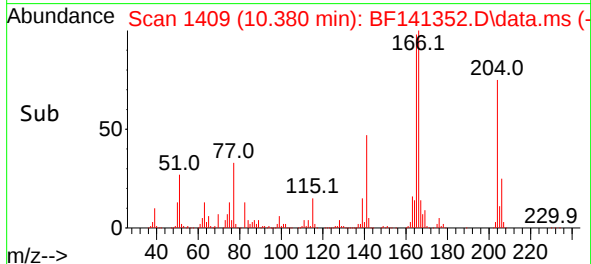
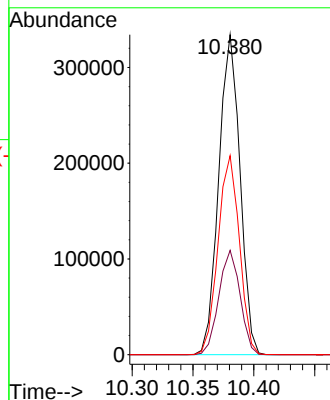
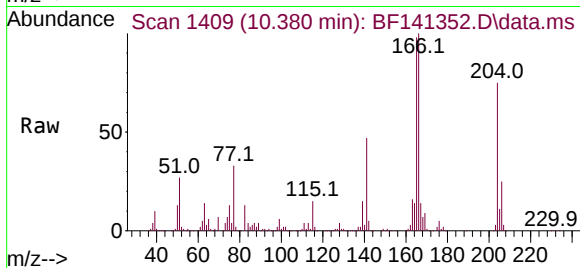




#61
4-Chlorophenyl-phenylether
Concen: 40.273 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

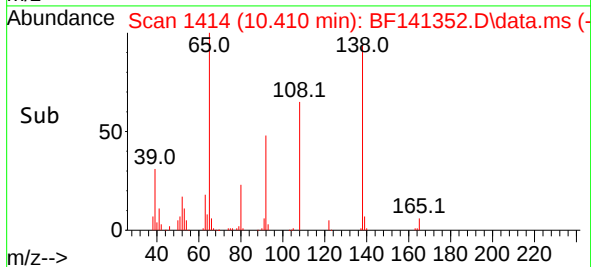
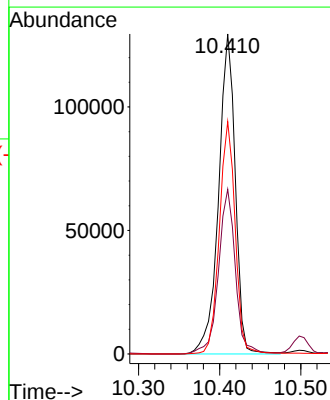
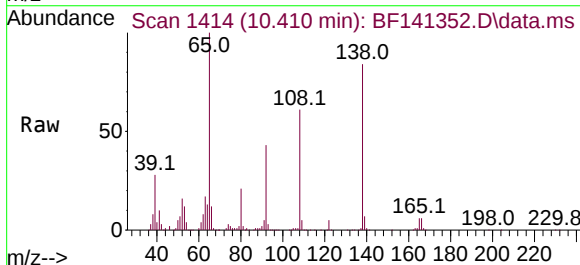
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

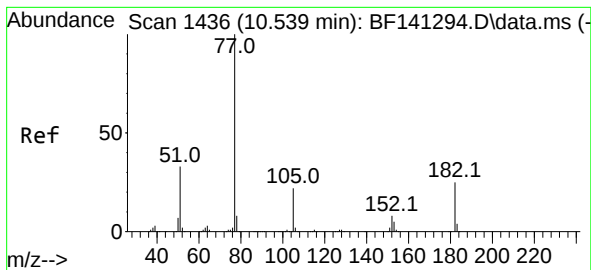
Tgt Ion:204 Resp: 406500
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 62.2 49.5 74.3



#62
4-Nitroaniline
Concen: 37.489 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:138 Resp: 185463
Ion Ratio Lower Upper
138 100
92 51.5 30.1 70.1
108 72.6 53.1 93.1

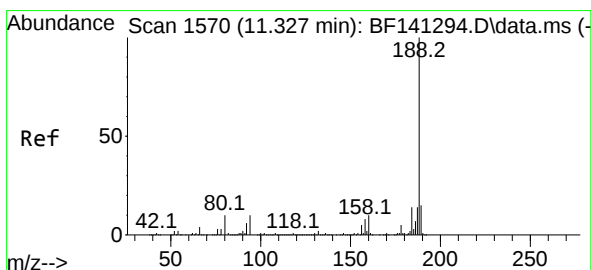
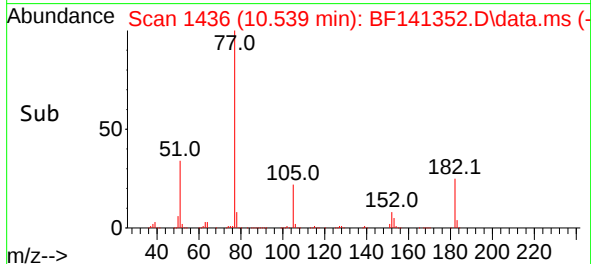
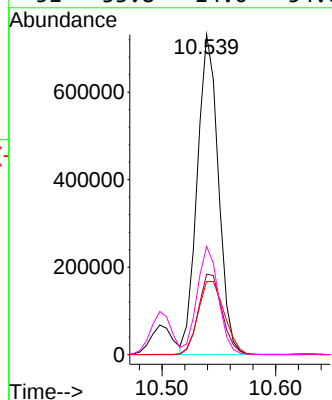
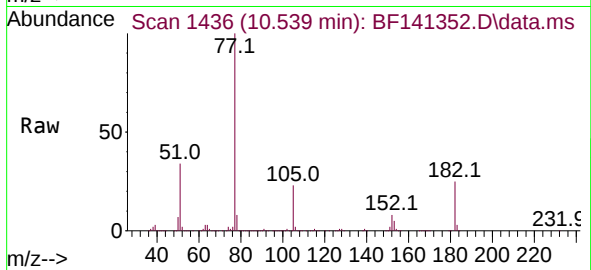




#63
Azobenzene
Concen: 44.113 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

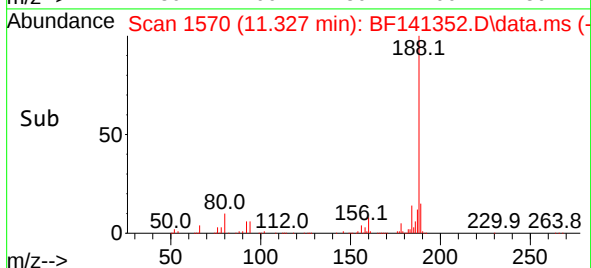
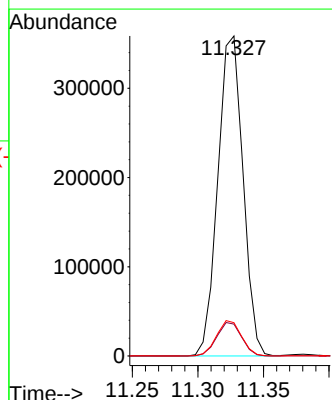
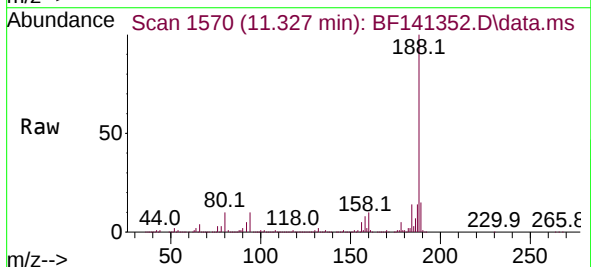
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

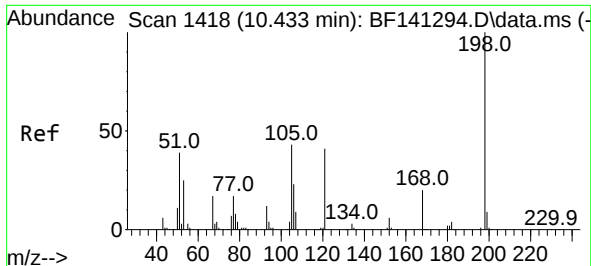
Tgt Ion:	77	Resp:	946700
Ion Ratio	Lower	Upper	
77	100		
182	25.2	5.1	45.1
105	22.8	1.8	41.8
51	33.8	14.0	54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:	188	Resp:	478396
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.8	11.6
80	10.4	8.2	12.4

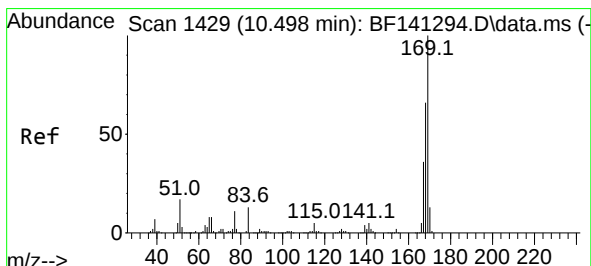
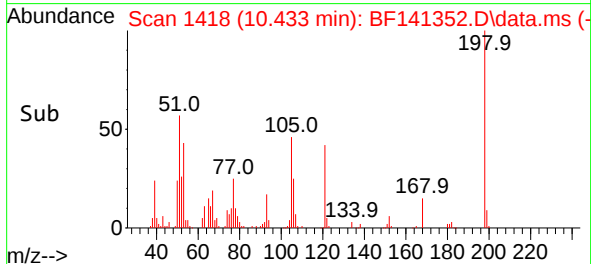
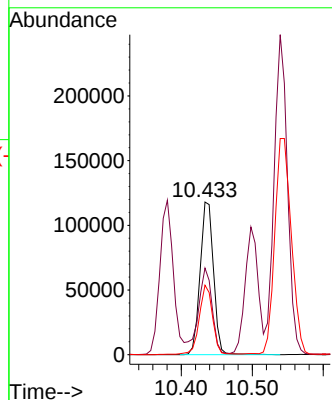
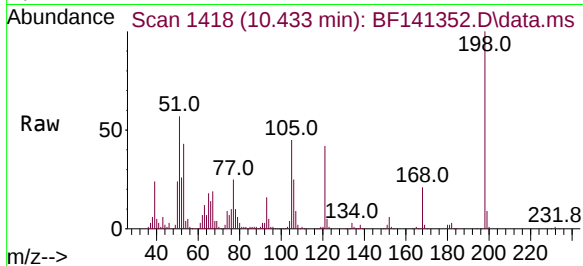




#65
4,6-Dinitro-2-methylphenol
Concen: 54.706 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

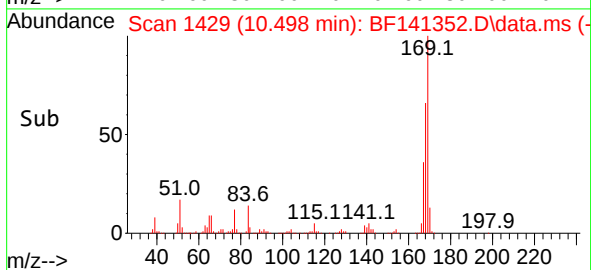
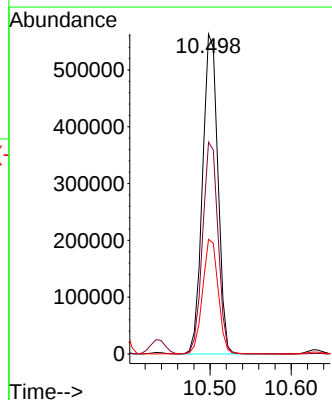
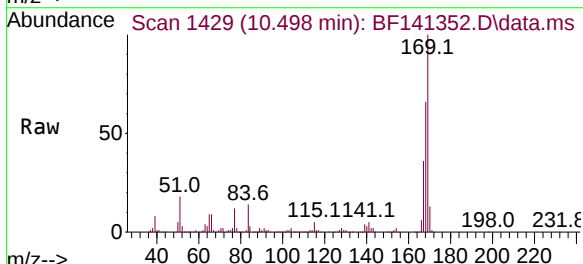
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

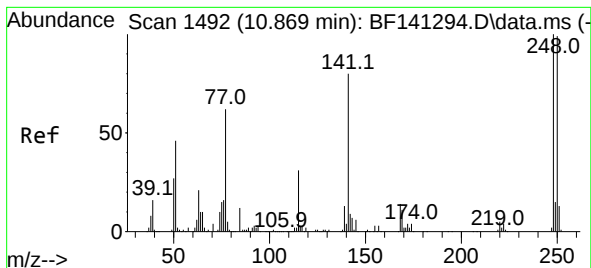
Tgt Ion:198 Resp: 154803
Ion Ratio Lower Upper
198 100
51 56.8 33.4 73.4
105 45.5 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 47.710 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:169 Resp: 738221
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.4
167 35.8 28.8 43.2

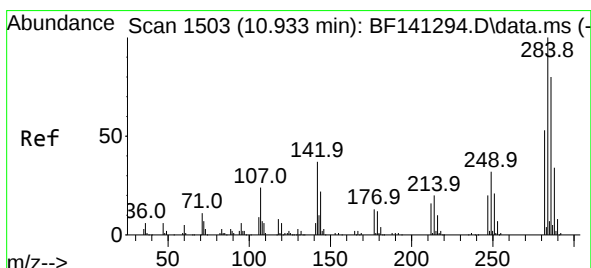
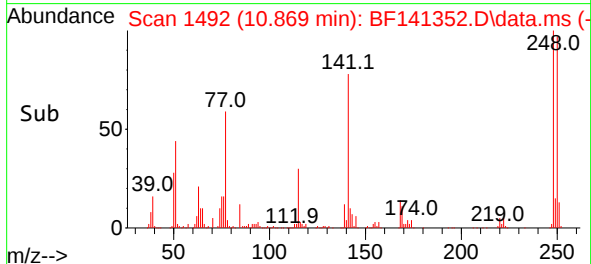
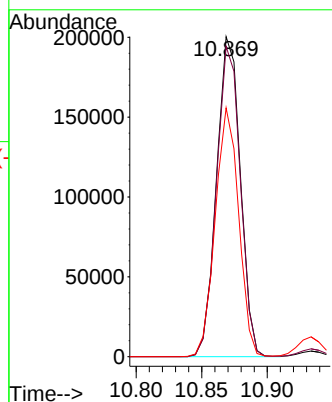
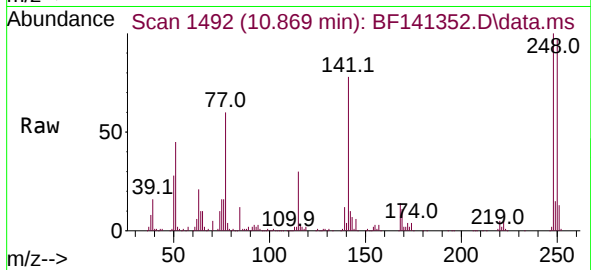




#67
4-Bromophenyl-phenylether
Concen: 47.237 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

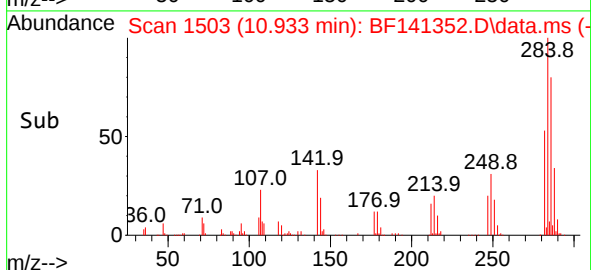
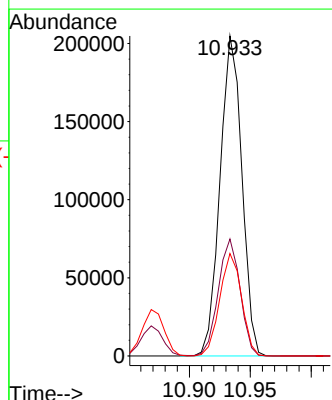
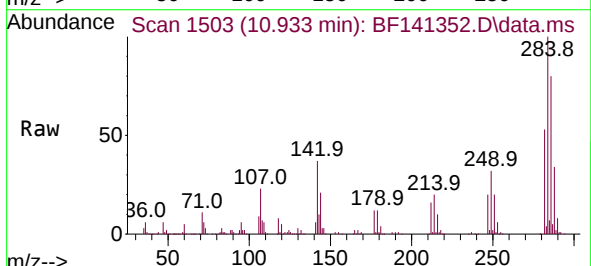
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

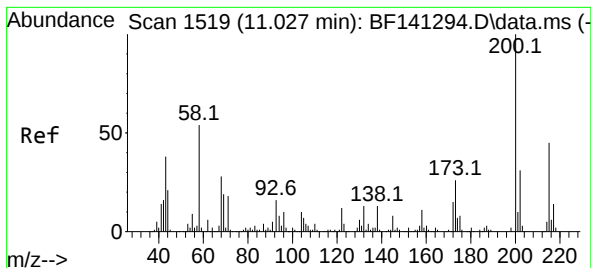
Tgt Ion:248 Resp: 252992
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.4
141 77.7 63.7 95.5



#68
Hexachlorobenzene
Concen: 45.031 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:284 Resp: 255828
Ion Ratio Lower Upper
284 100
142 36.5 29.5 44.3
249 32.0 25.4 38.2





#69

Atrazine

Concen: 46.011 ng

RT: 11.027 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

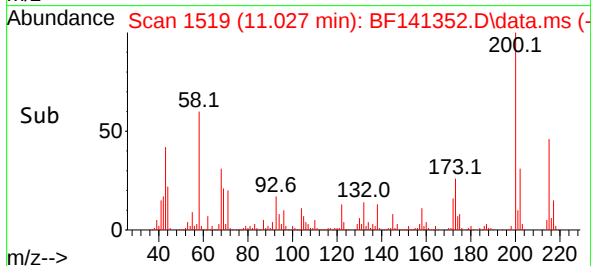
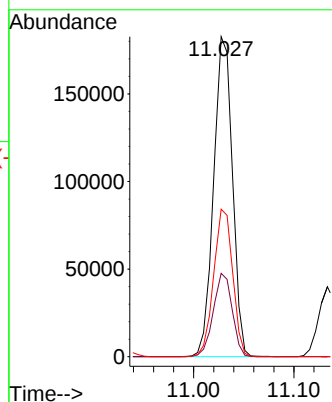
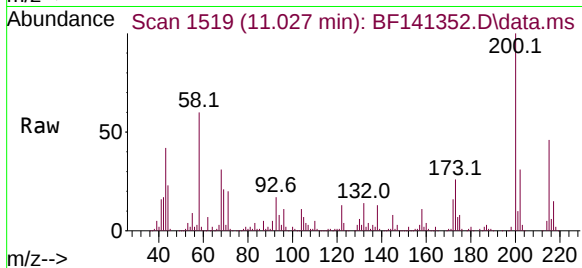
Tgt Ion:200 Resp: 238034

Ion Ratio Lower Upper

200 100

173 26.1 5.9 45.9

215 46.1 25.2 65.2



#70

Pentachlorophenol

Concen: 82.968 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

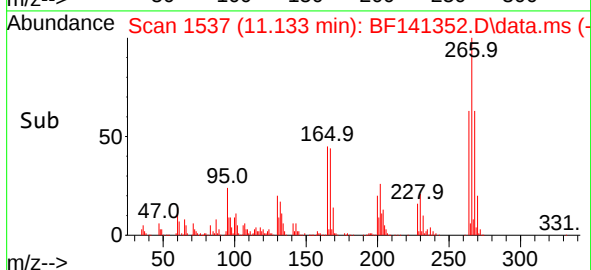
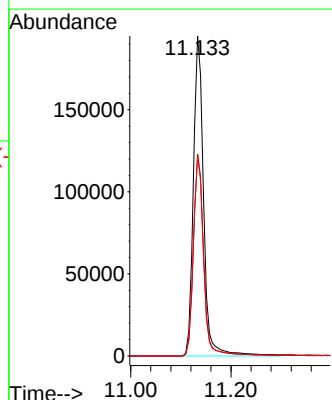
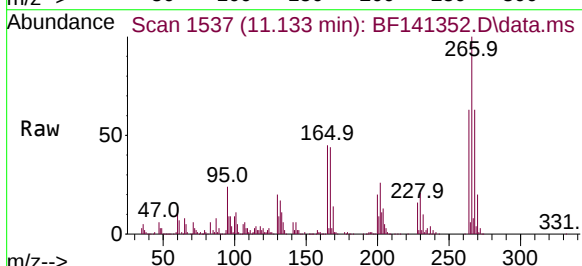
Tgt Ion:266 Resp: 276016

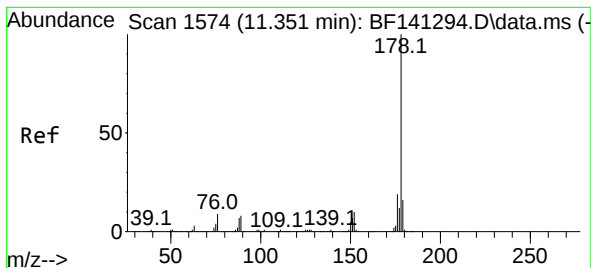
Ion Ratio Lower Upper

266 100

268 63.1 49.9 74.9

264 62.8 51.0 76.4





#71

Phenanthrene

Concen: 43.554 ng

RT: 11.351 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

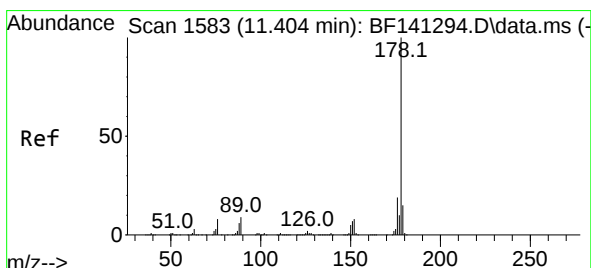
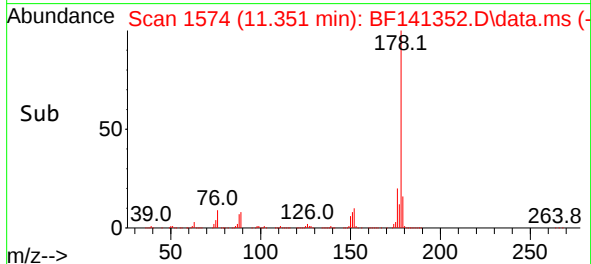
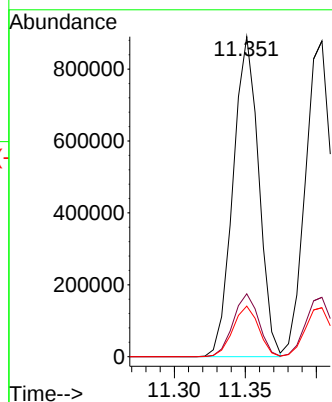
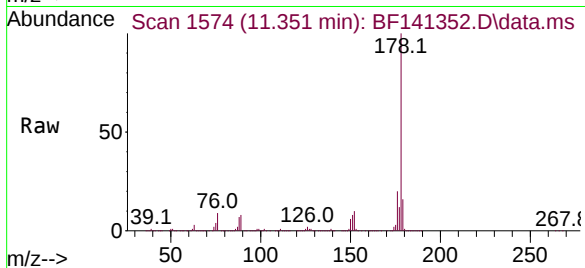
Tgt Ion:178 Resp: 1120034

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

179 15.8 12.5 18.7



#72

Anthracene

Concen: 45.015 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

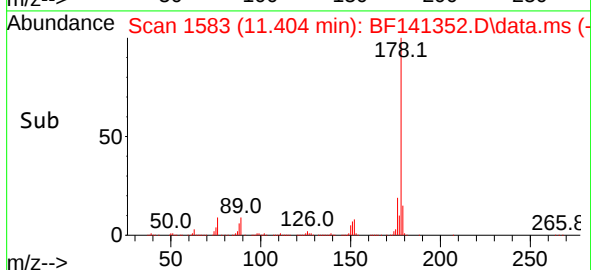
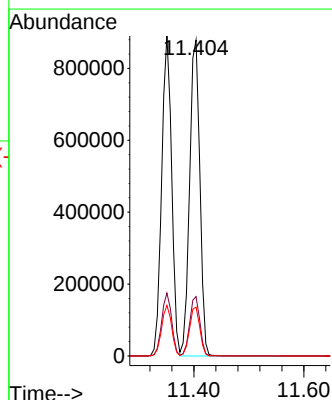
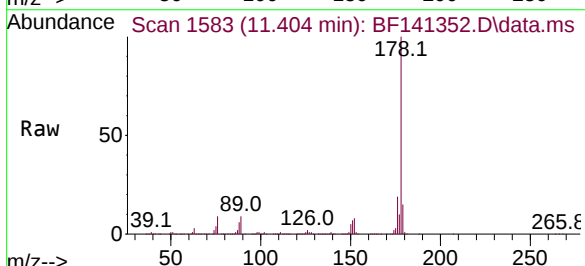
Tgt Ion:178 Resp: 1134234

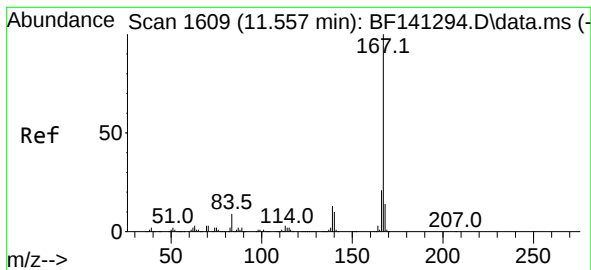
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.5 12.3 18.5





#73

Carbazole

Concen: 40.751 ng

RT: 11.557 min Scan# 1609

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

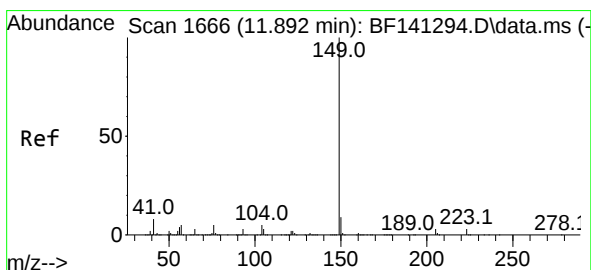
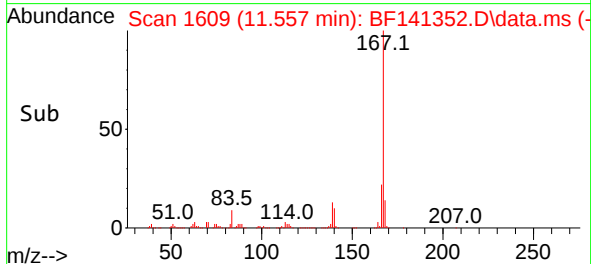
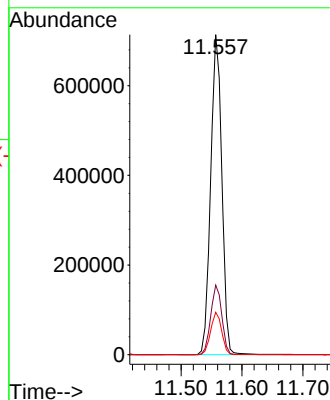
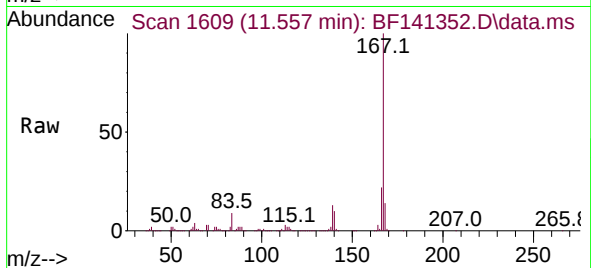
Tgt Ion:167 Resp: 910483

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 45.813 ng

RT: 11.892 min Scan# 1666

Delta R.T. 0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

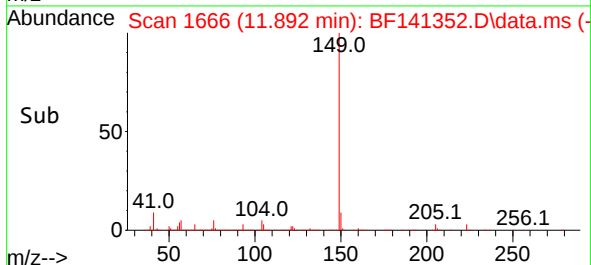
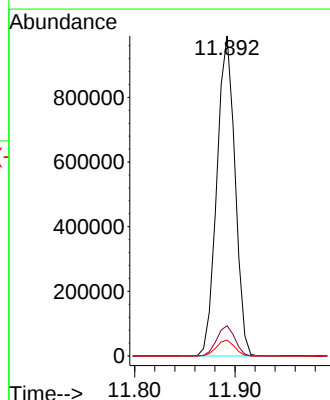
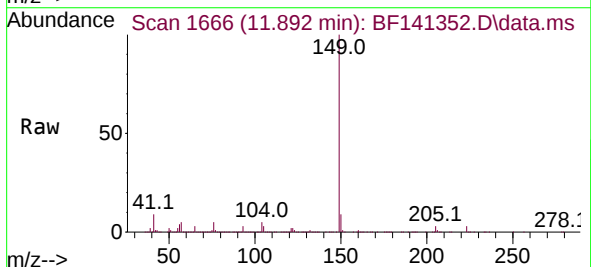
Tgt Ion:149 Resp: 1240476

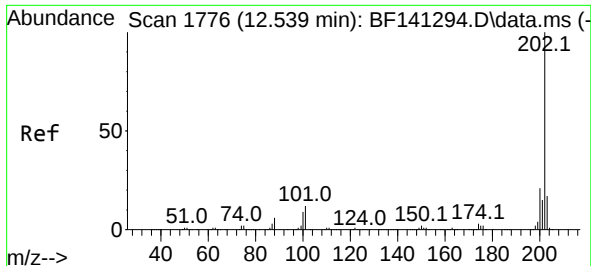
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.9 3.9 5.9

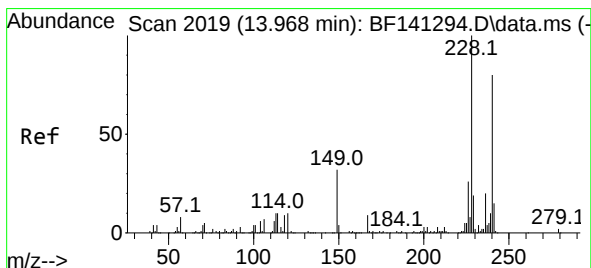
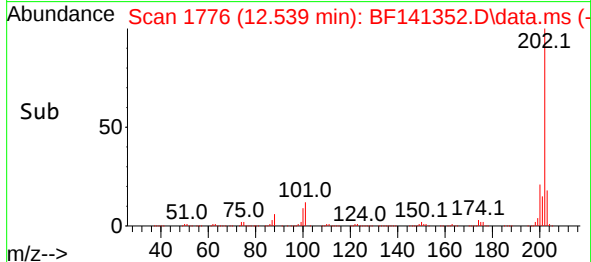
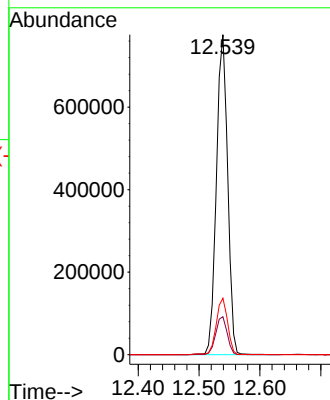
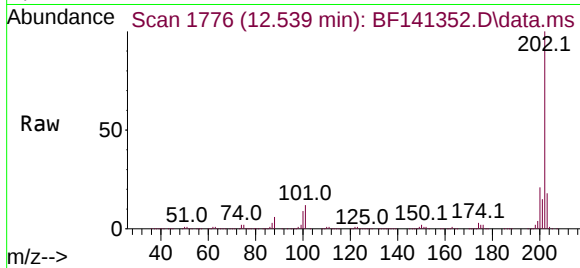




#75
Fluoranthene
Concen: 39.170 ng
RT: 12.539 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

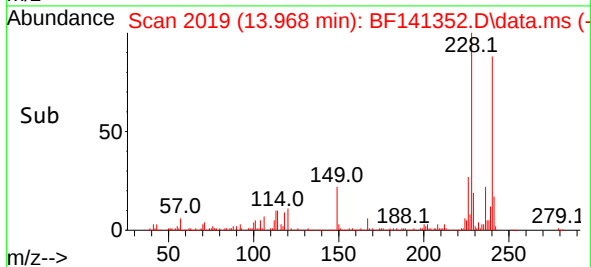
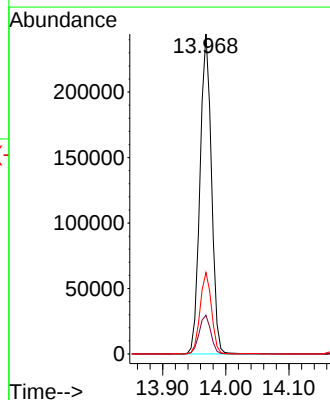
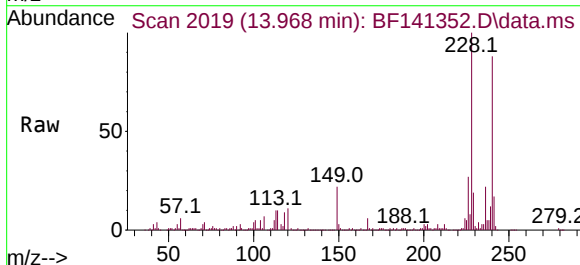
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

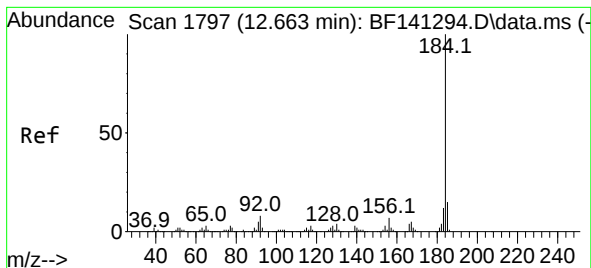
Tgt Ion:202 Resp: 994575
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:240 Resp: 306959
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.4 19.7 29.5





#77

Benzidine

Concen: 20.474 ng

RT: 12.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

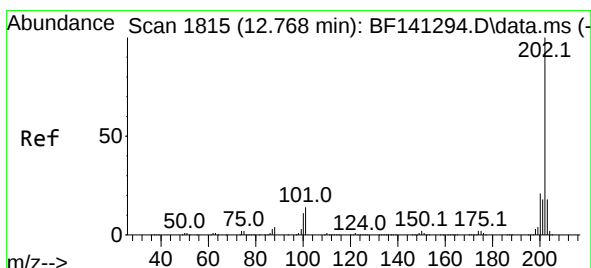
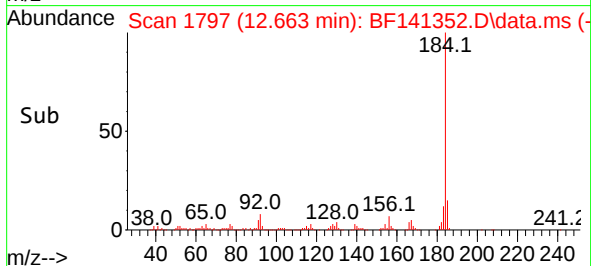
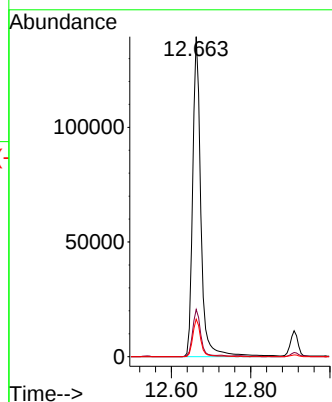
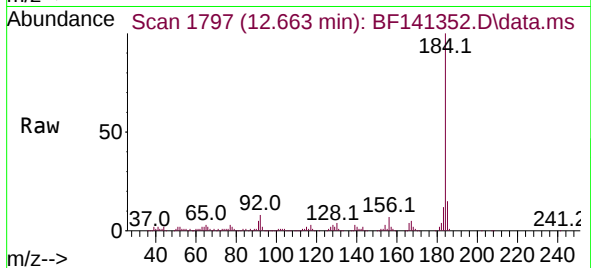
Tgt Ion:184 Resp: 201472

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

183 11.8 9.5 14.3



#78

Pyrene

Concen: 34.311 ng

RT: 12.769 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

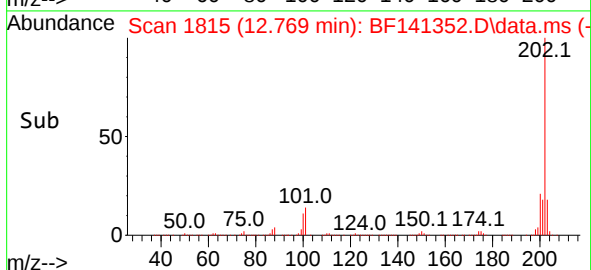
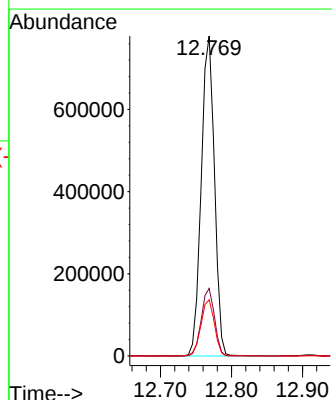
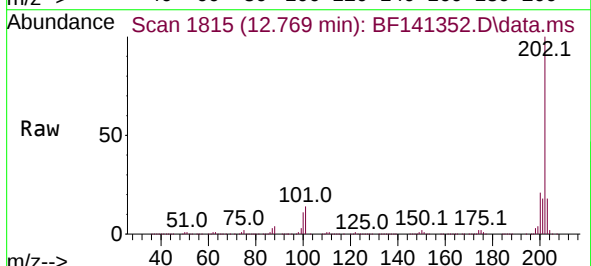
Tgt Ion:202 Resp: 1010968

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

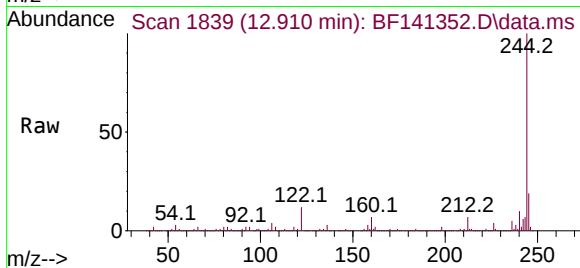
203 17.6 14.3 21.5





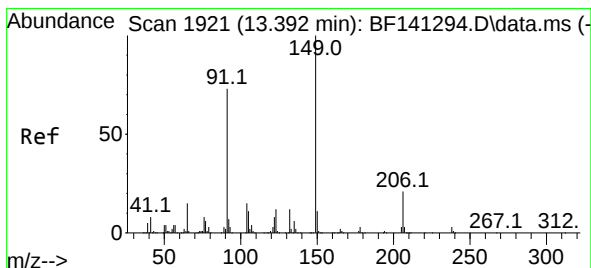
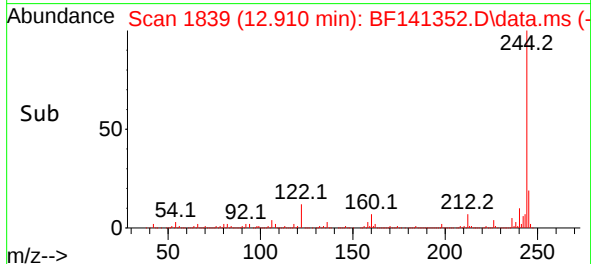
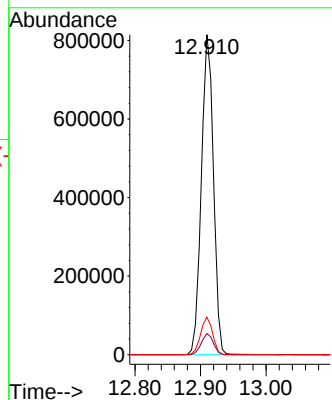
#79
 Terphenyl-d14
 Concen: 52.545 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141352.D
 Acq: 01 Feb 2025 00:30

Instrument :
 BNA_F
 ClientSampleId :
 B-113-SB02MS



Tgt Ion:244 Resp: 1045873

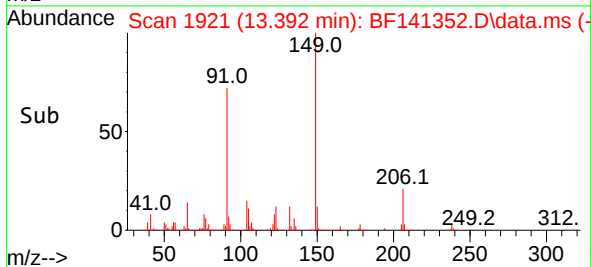
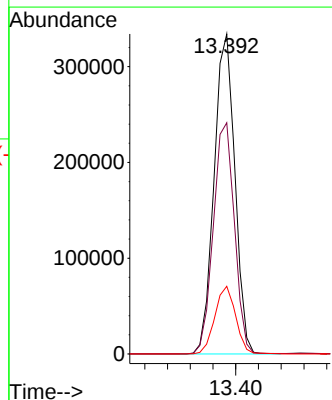
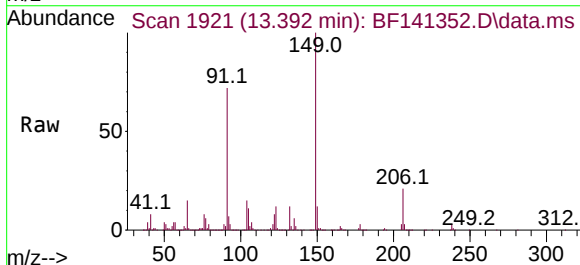
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.7	8.8	13.2

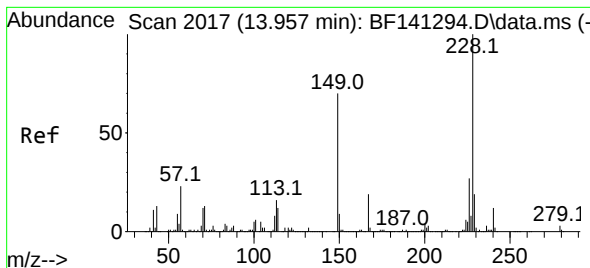


#80
 Butylbenzylphthalate
 Concen: 41.258 ng
 RT: 13.392 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF141352.D
 Acq: 01 Feb 2025 00:30

Tgt Ion:149 Resp: 424703

Ion	Ratio	Lower	Upper
149	100		
91	72.3	58.6	87.8
206	21.2	16.7	25.1





#81

Benzo(a)anthracene

Concen: 40.571 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

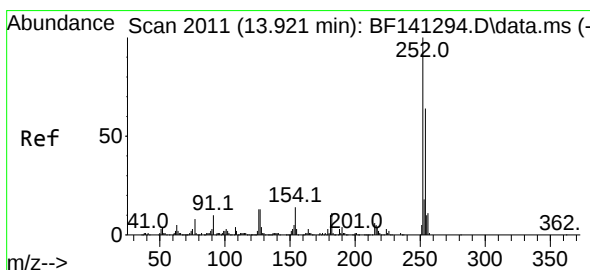
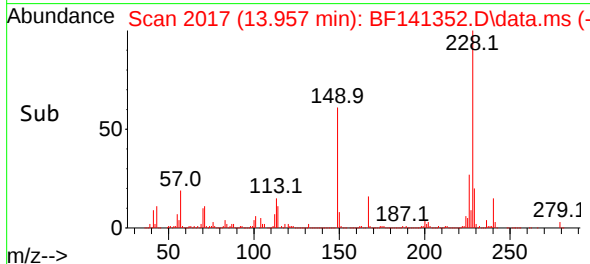
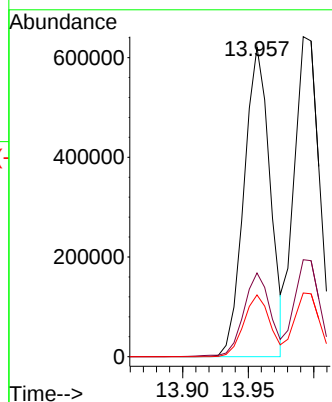
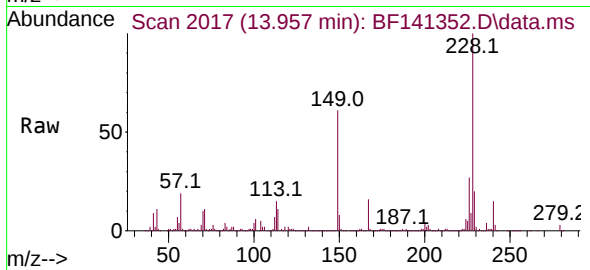
Tgt Ion:228 Resp: 859366

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 29.508 ng

RT: 13.921 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

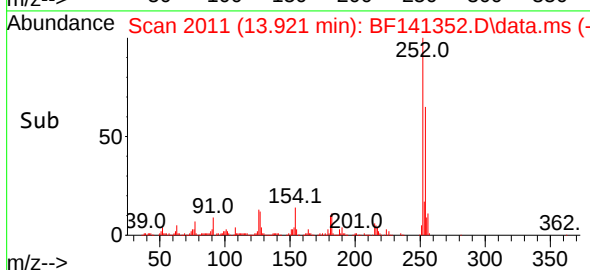
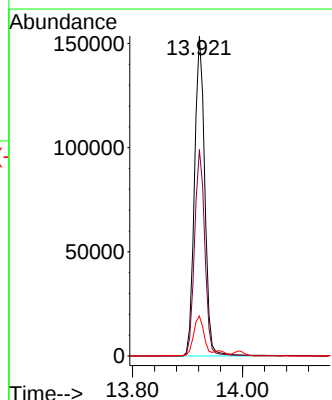
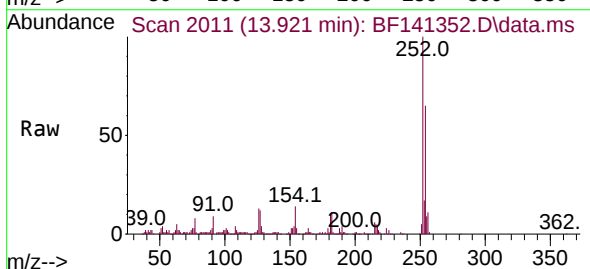
Tgt Ion:252 Resp: 198790

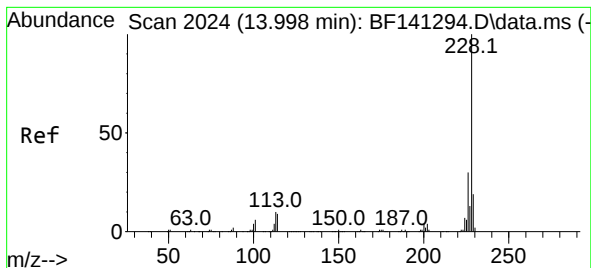
Ion Ratio Lower Upper

252 100

254 64.5 51.3 76.9

126 12.5 10.0 15.0





#83

Chrysene

Concen: 44.017 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

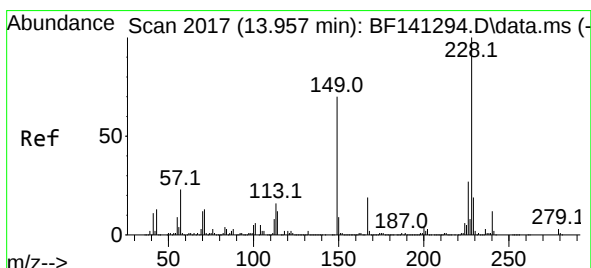
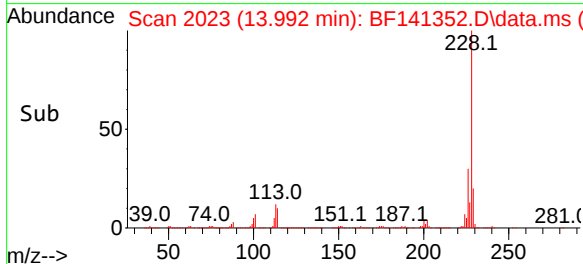
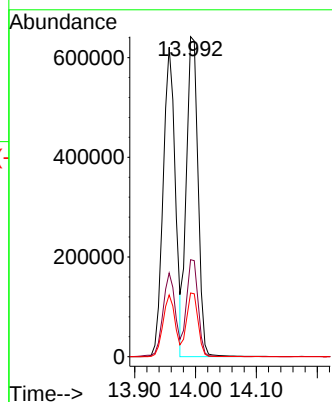
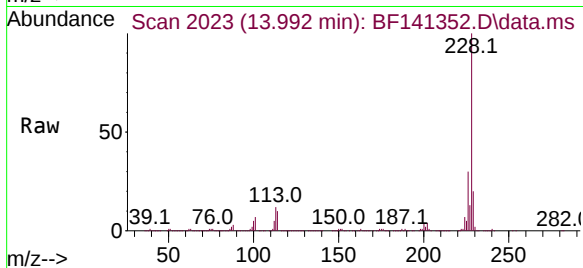
Tgt Ion:228 Resp: 854492

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.722 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

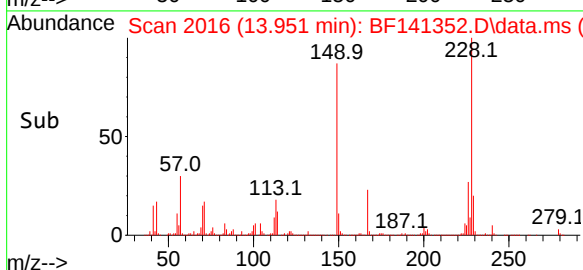
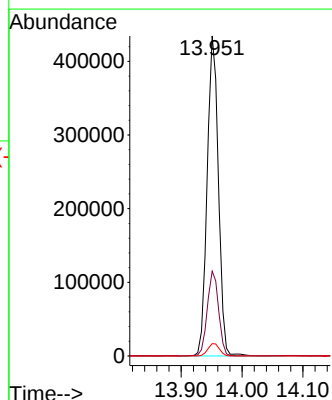
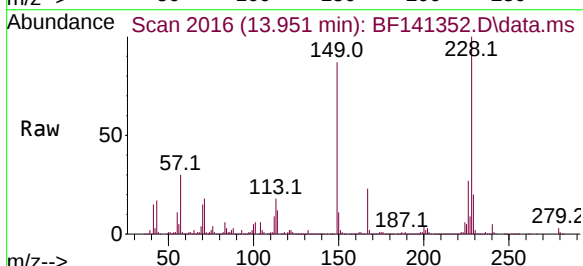
Tgt Ion:149 Resp: 557866

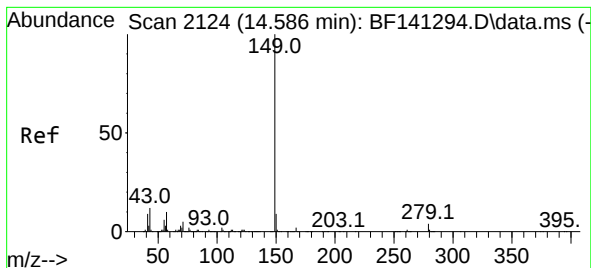
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 3.8 3.3 4.9

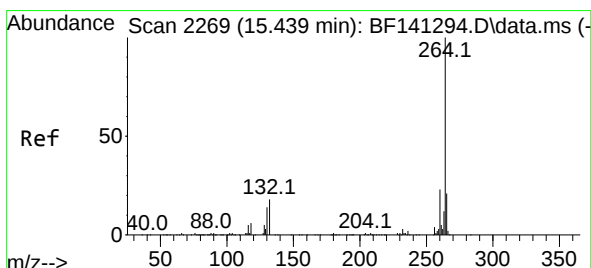
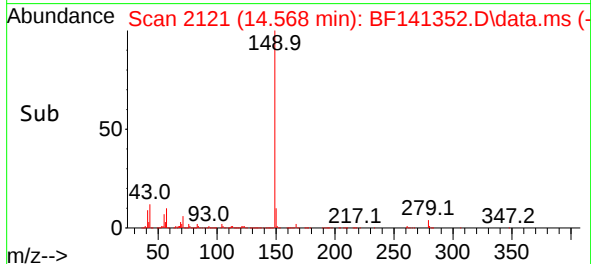
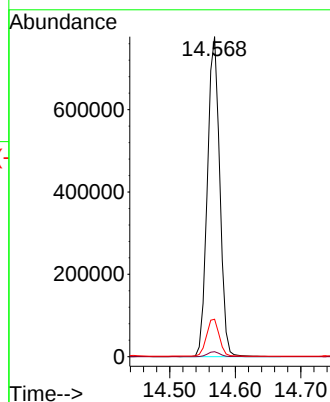
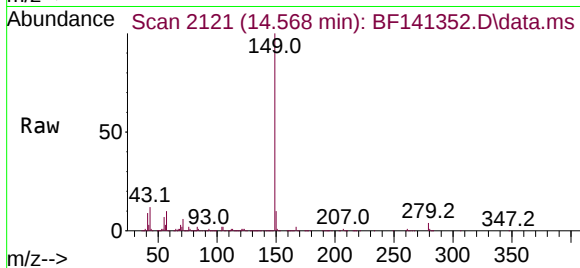




#85
Di-n-octyl phthalate
Concen: 50.177 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.018 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

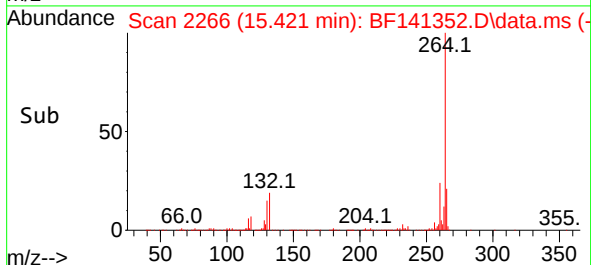
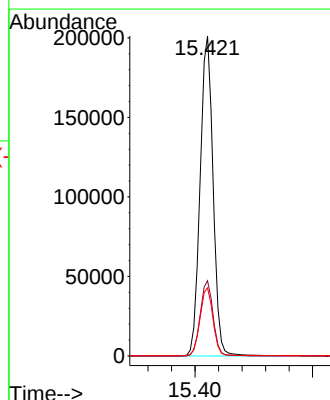
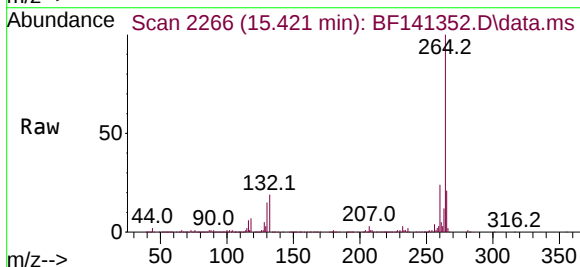
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

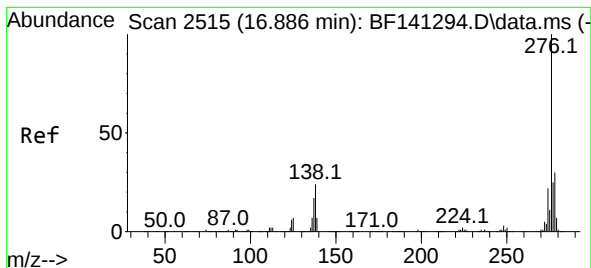
Tgt Ion:149 Resp: 1017675
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 9.8 14.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:264 Resp: 307907
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.3 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.650 ng

RT: 16.862 min Scan# 2195

Delta R.T. -0.035 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

Instrument :

BNA_F

ClientSampleId :

B-113-SB02MS

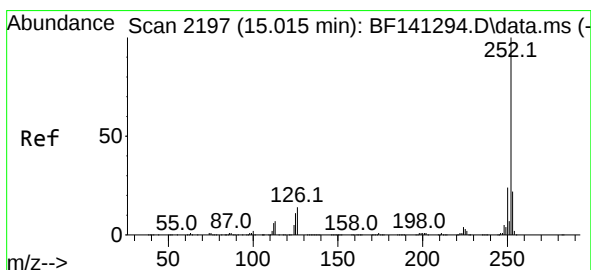
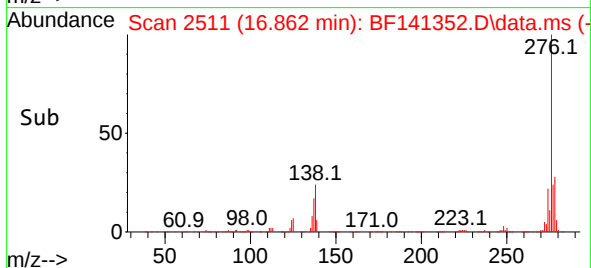
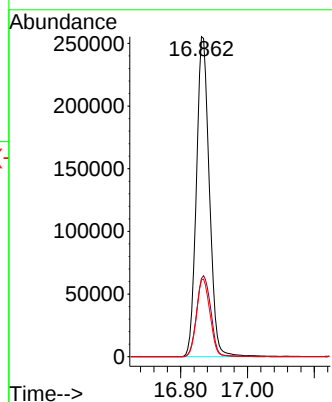
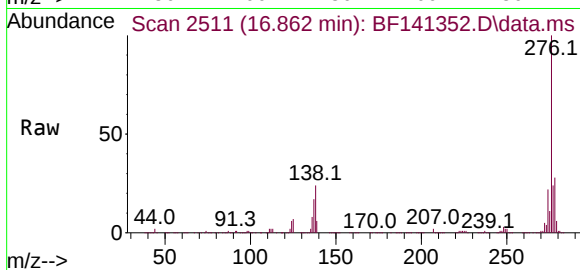
Tgt Ion:276 Resp: 688611

Ion Ratio Lower Upper

276 100

138 27.5 21.7 32.5

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.147 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141352.D

Acq: 01 Feb 2025 00:30

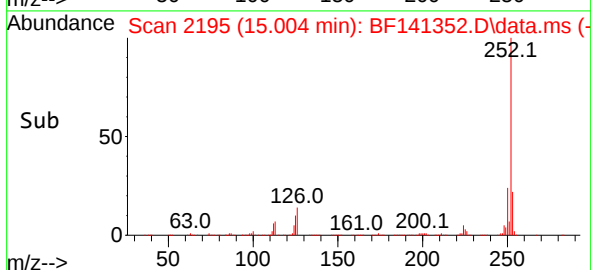
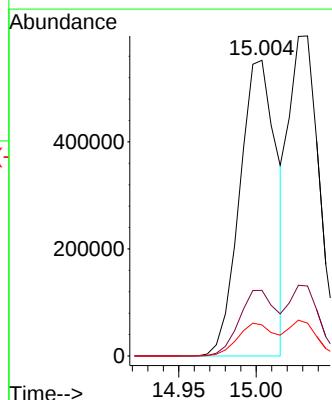
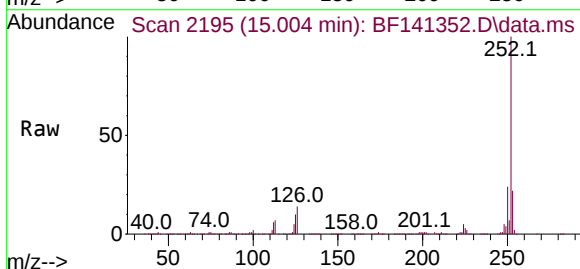
Tgt Ion:252 Resp: 913150

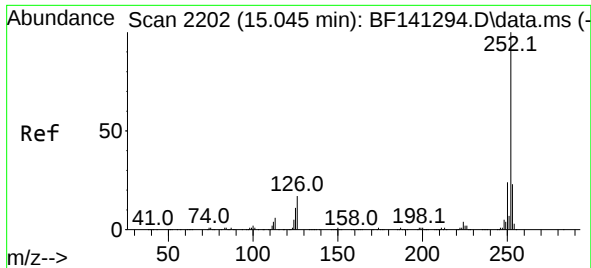
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.5 8.6 12.8

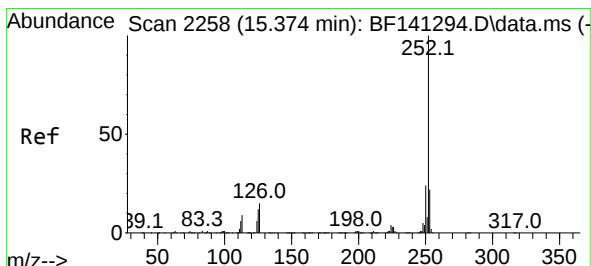
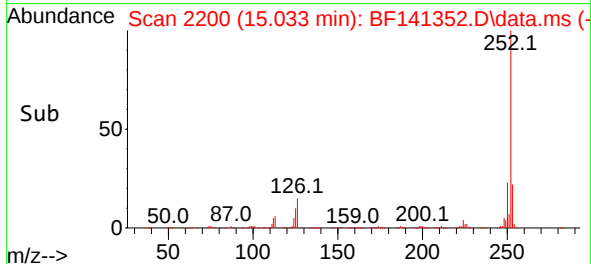
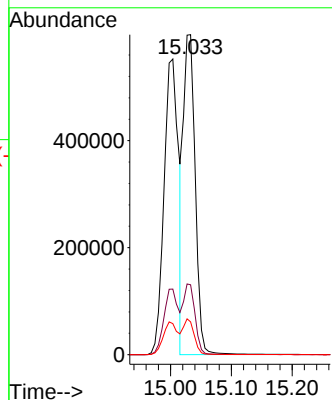
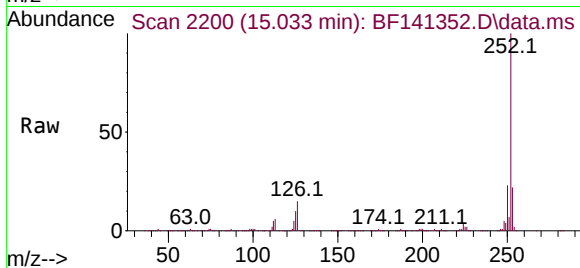




#89
Benzo(k)fluoranthene
Concen: 47.270 ng
RT: 15.033 min Scan# 211
Delta R.T. -0.018 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

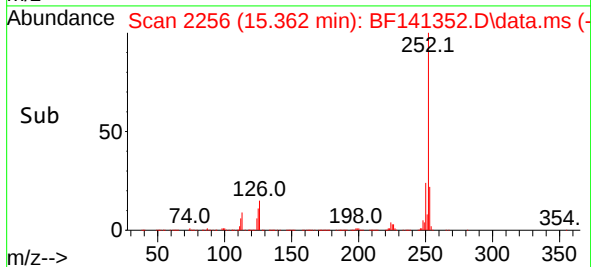
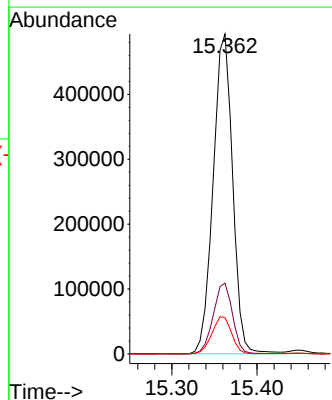
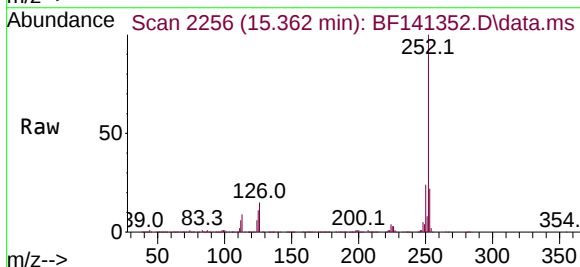
Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:252 Resp: 811049
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.2 8.4 12.6



#90
Benzo(a)pyrene
Concen: 47.750 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:252 Resp: 781518
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.4 9.4 14.2

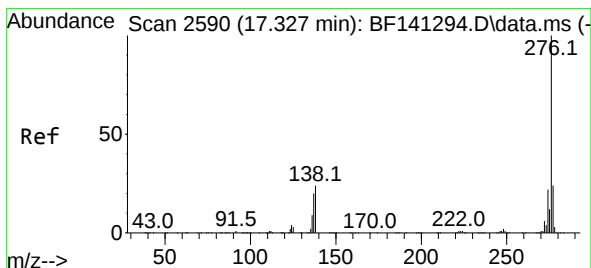
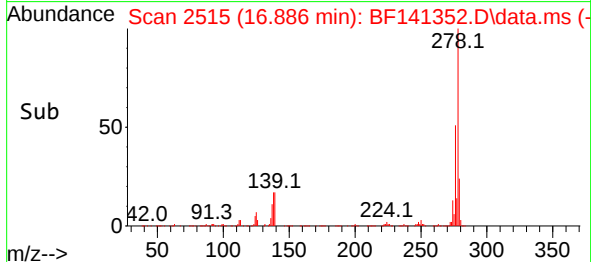
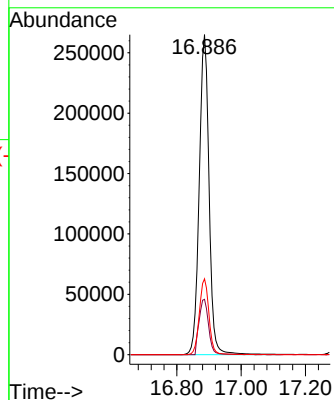
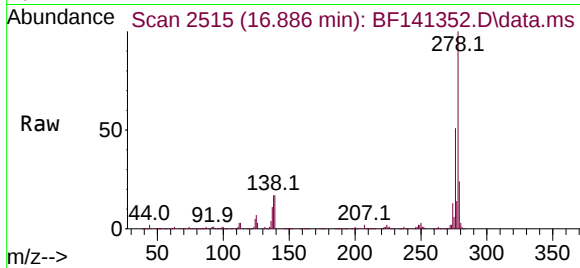




#91
Dibenzo(a,h)anthracene
Concen: 35.104 ng
RT: 16.886 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Instrument :
BNA_F
ClientSampleId :
B-113-SB02MS

Tgt Ion:278 Resp: 561271
Ion Ratio Lower Upper
278 100
139 17.3 13.9 20.9
279 23.7 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 29.910 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141352.D
Acq: 01 Feb 2025 00:30

Tgt Ion:276 Resp: 497253
Ion Ratio Lower Upper
276 100
277 23.0 19.2 28.8
138 24.3 19.0 28.4

