

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136253.D
 Acq On : 28 Nov 2023 17:17
 Operator : CG\JU
 Sample : PB153378BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

Quant Time: Nov 29 00:46:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	148373	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	642815	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	322579	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	587407	20.000	ng	0.00
76) Chrysene-d12	13.986	240	273930	20.000	ng	0.00
86) Perylene-d12	15.462	264	271708	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1409748	132.245	ng	0.01
7) Phenol-d6	6.451	99	1691763	126.923	ng	0.00
23) Nitrobenzene-d5	7.369	82	1038439	85.366	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	530104	134.415	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2168826	85.878	ng	0.00
79) Terphenyl-d14	12.933	244	2108239	88.776	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	158621	39.326	ng	100
3) Pyridine	3.434	79	352123	35.365	ng	98
4) n-Nitrosodimethylamine	3.398	42	214537	42.626	ng	98
6) Aniline	6.475	93	501328	39.793	ng	96
8) 2-Chlorophenol	6.592	128	525974	45.315	ng	95
9) Benzaldehyde	6.357	77	84648	11.394	ng	94
10) Phenol	6.463	94	647887	45.307	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	470481	44.849	ng	95
12) 1,3-Dichlorobenzene	6.745	146	559955	42.510	ng	97
13) 1,4-Dichlorobenzene	6.822	146	571515	42.680	ng	97
14) 1,2-Dichlorobenzene	6.975	146	533129	42.055	ng	98
15) Benzyl Alcohol	6.951	79	412411	44.130	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	634583	43.550	ng	99
17) 2-Methylphenol	7.063	107	415452	45.527	ng	100
18) Hexachloroethane	7.316	117	198162	42.189	ng	91
19) n-Nitroso-di-n-propyla...	7.222	70	352676	44.240	ng	98
20) 3+4-Methylphenols	7.216	107	529193	44.621	ng	92
22) Acetophenone	7.216	105	754547	44.694	ng	# 98
24) Nitrobenzene	7.386	77	528540	42.875	ng	99
25) Isophorone	7.628	82	970276	44.235	ng	99
26) 2-Nitrophenol	7.698	139	257019	48.934	ng	96
27) 2,4-Dimethylphenol	7.739	122	440727	63.751	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	586538	44.208	ng	100
29) 2,4-Dichlorophenol	7.939	162	421532	45.206	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	490904	42.999	ng	98
31) Naphthalene	8.104	128	1585616	43.885	ng	99
32) Benzoic acid	7.875	122	295230	46.858	ng	92
33) 4-Chloroaniline	8.157	127	433339	35.284	ng	98
34) Hexachlorobutadiene	8.222	225	277905	41.608	ng	99
35) Caprolactam	8.533	113	74920	28.741	ng	91
36) 4-Chloro-3-methylphenol	8.639	107	451841	44.678	ng	99
37) 2-Methylnaphthalene	8.798	142	983106	43.376	ng	99
38) 1-Methylnaphthalene	8.898	142	924564	41.817	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	465673	45.360	ng	99
41) Hexachlorocyclopentadiene	8.951	237	548420	138.832	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	310357	46.576	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136253.D
 Acq On : 28 Nov 2023 17:17
 Operator : CG\JU
 Sample : PB153378BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

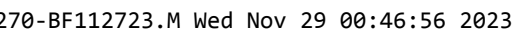
Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

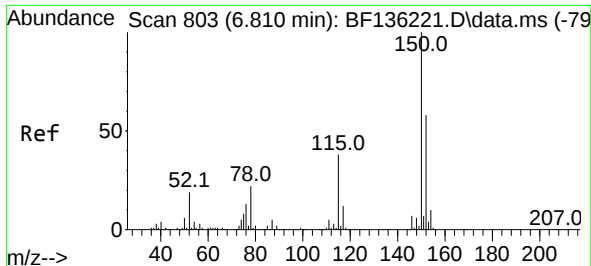
Quant Time: Nov 29 00:46:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	319817	43.981	ng	98
46) 1,1'-Biphenyl	9.263	154	1305954	45.909	ng	98
47) 2-Chloronaphthalene	9.286	162	962194	43.556	ng	98
48) 2-Nitroaniline	9.386	65	268566	46.564	ng	95
49) Acenaphthylene	9.704	152	1465506	46.486	ng	100
50) Dimethylphthalate	9.575	163	1136107	46.598	ng	100
51) 2,6-Dinitrotoluene	9.633	165	230108	46.198	ng	93
52) Acenaphthene	9.880	154	890706	44.709	ng	99
53) 3-Nitroaniline	9.798	138	191992	38.847	ng	99
54) 2,4-Dinitrophenol	9.910	184	234773	101.346	ng	92
55) Dibenzofuran	10.051	168	1333994	44.998	ng	100
56) 4-Nitrophenol	9.969	139	314927	83.900	ng	# 84
57) 2,4-Dinitrotoluene	10.039	165	304894	45.826	ng	99
58) Fluorene	10.392	166	1024509	44.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	273405	47.255	ng	100
60) Diethylphthalate	10.274	149	1093572	44.839	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	497157	44.024	ng	95
62) 4-Nitroaniline	10.422	138	198239	40.978	ng	98
63) Azobenzene	10.551	77	1001358	44.288	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	156103	48.597	ng	93
66) n-Nitrosodiphenylamine	10.510	169	898074	47.708	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	318177	46.429	ng	95
68) Hexachlorobenzene	10.939	284	360909	45.503	ng	# 94
69) Atrazine	11.039	200	171385	30.691	ng	98
70) Pentachlorophenol	11.139	266	370760	82.697	ng	97
71) Phenanthrene	11.357	178	1525006	46.191	ng	99
72) Anthracene	11.410	178	1550825	46.841	ng	100
73) Carbazole	11.569	167	1200164	42.621	ng	99
74) Di-n-butylphthalate	11.904	149	1600047	45.414	ng	100
75) Fluoranthene	12.551	202	1378107	41.118	ng	98
77) Benzidine	12.674	184	178622	39.668	ng	99
78) Pyrene	12.780	202	1369474	45.649	ng	100
80) Butylbenzylphthalate	13.410	149	436667	46.769	ng	97
81) Benzo(a)anthracene	13.974	228	922752	45.352	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	275296	56.209	ng	96
83) Chrysene	14.010	228	883377	44.966	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	554753	49.508	ng	100
85) Di-n-octyl phthalate	14.592	149	959099	52.196	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	937247	46.251	ng	100
88) Benzo(b)fluoranthene	15.033	252	867389	45.502	ng	99
89) Benzo(k)fluoranthene	15.062	252	886773	48.980	ng	100
90) Benzo(a)pyrene	15.404	252	750862	48.184	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	754830	46.403	ng	99
92) Benzo(g,h,i)perylene	17.433	276	741851	45.459	ng	98

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

Quant Time: Nov 29 00:46:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

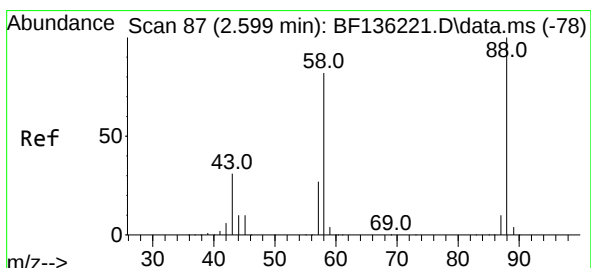
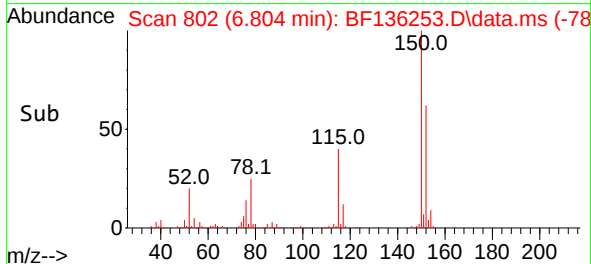
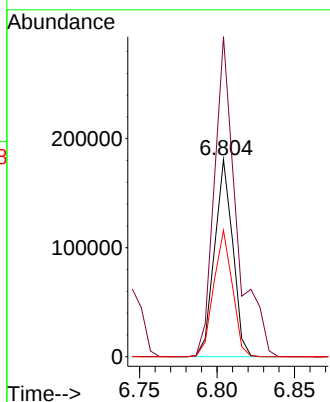
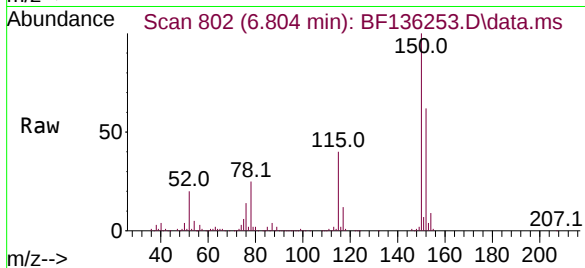




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

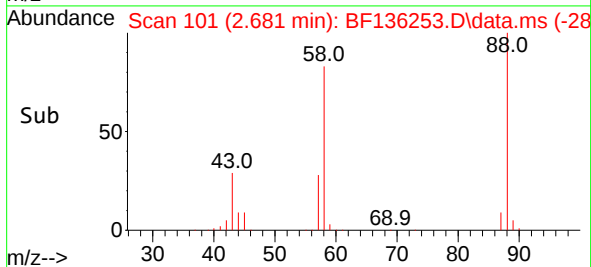
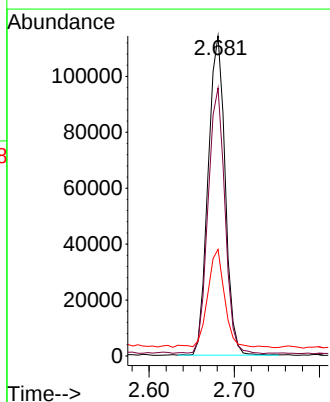
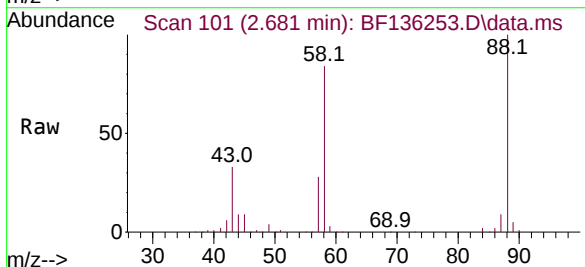
Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

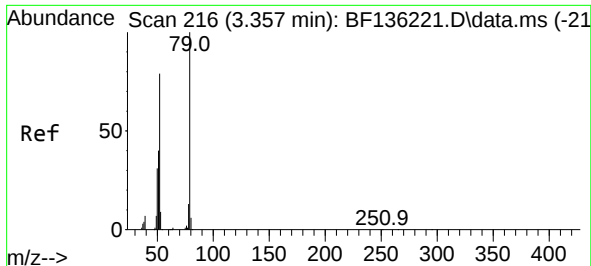
Tgt Ion:152 Resp: 148373
 Ion Ratio Lower Upper
 152 100
 150 162.3 137.8 206.8
 115 64.2 52.7 79.1



#2
 1,4-Dioxane
 Concen: 39.326 ng
 RT: 2.681 min Scan# 101
 Delta R.T. 0.082 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

Tgt Ion: 88 Resp: 158621
 Ion Ratio Lower Upper
 88 100
 58 82.5 65.9 98.9
 43 30.3 24.8 37.2

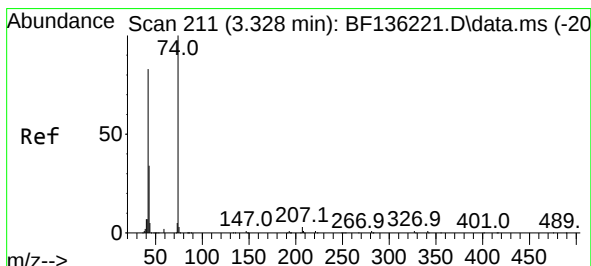
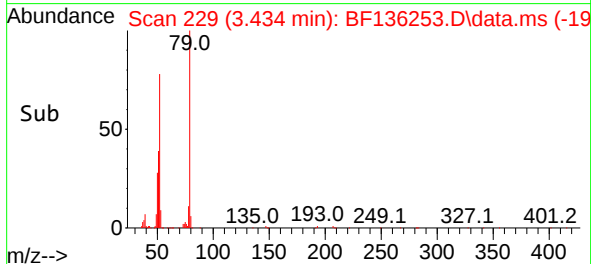
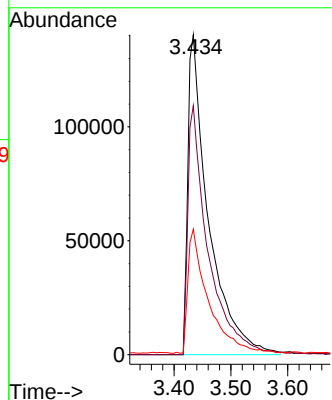
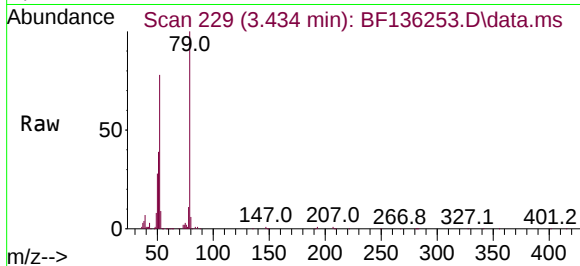




#3
 Pyridine
 Concen: 35.365 ng
 RT: 3.434 min Scan# 216
 Delta R.T. 0.076 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

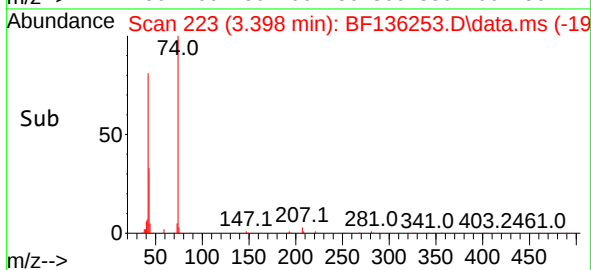
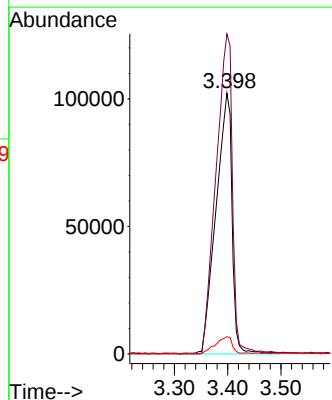
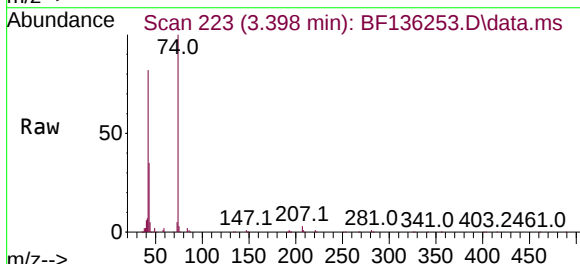
Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

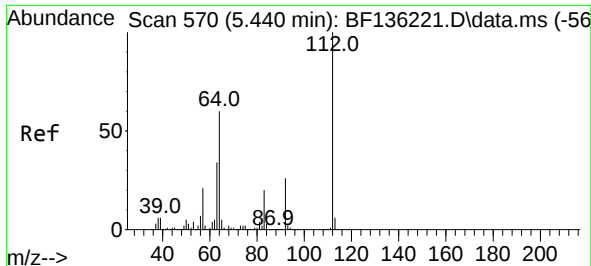
Tgt Ion: 79 Resp: 352123
 Ion Ratio Lower Upper
 79 100
 52 77.8 63.2 94.8
 51 39.2 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 42.626 ng
 RT: 3.398 min Scan# 223
 Delta R.T. 0.071 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

Tgt Ion: 42 Resp: 214537
 Ion Ratio Lower Upper
 42 100
 74 122.7 96.6 144.8
 44 6.6 5.4 8.2

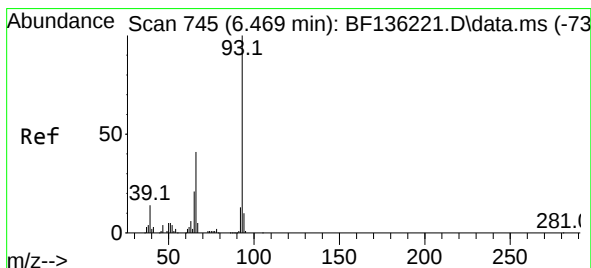
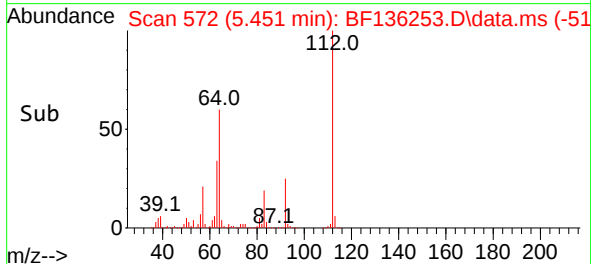
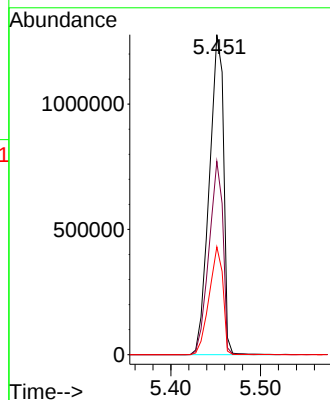
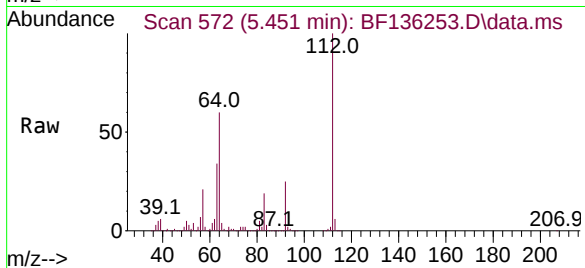




#5
2-Fluorophenol
Concen: 132.245 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

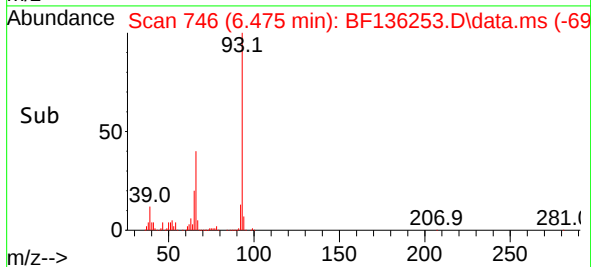
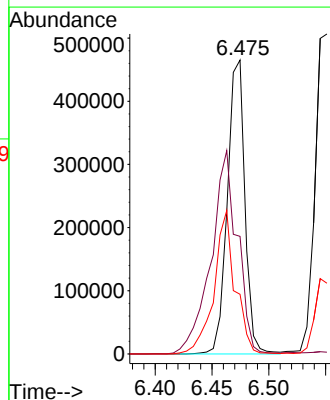
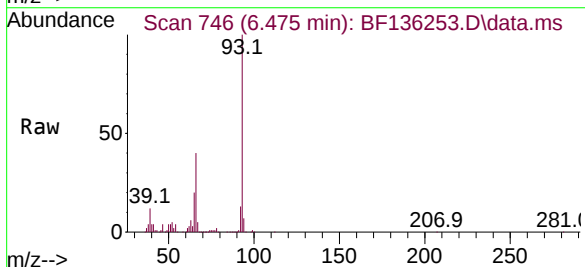
Instrument :
BNA_F
ClientSampleId :
PB157378BS

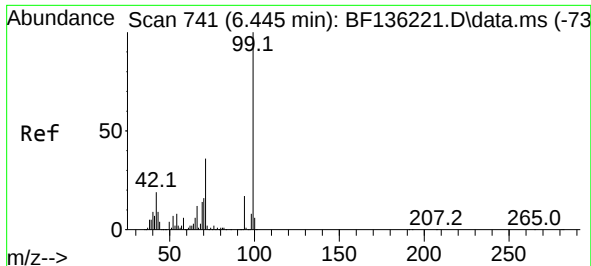
Tgt Ion:112 Resp: 1409748
Ion Ratio Lower Upper
112 100
64 60.4 48.2 72.4
63 33.7 27.0 40.6



#6
Aniline
Concen: 39.793 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion: 93 Resp: 501328
Ion Ratio Lower Upper
93 100
66 40.0 34.1 51.1
65 20.3 17.3 25.9

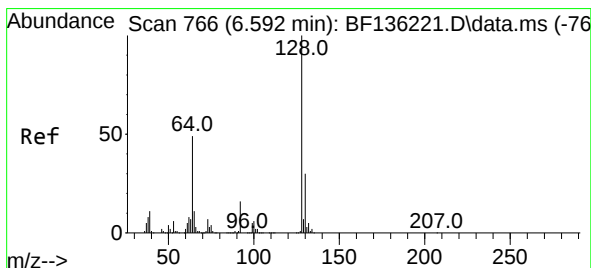
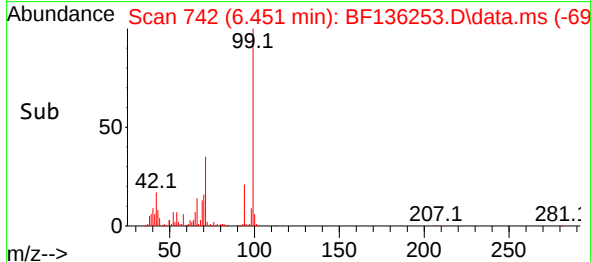
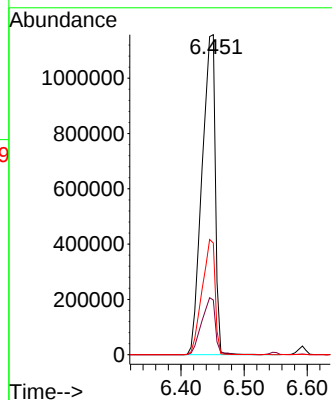
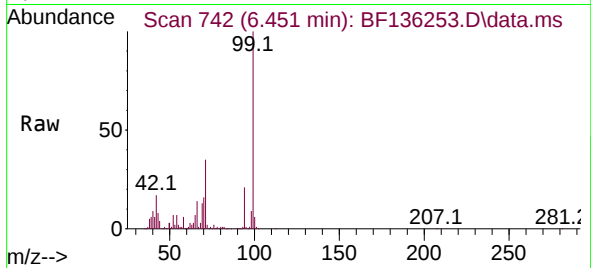




#7
Phenol-d6
Concen: 126.923 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

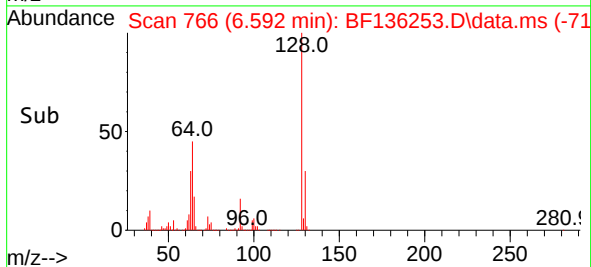
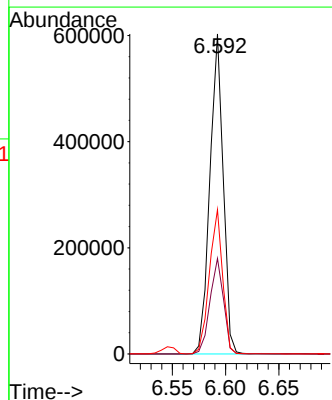
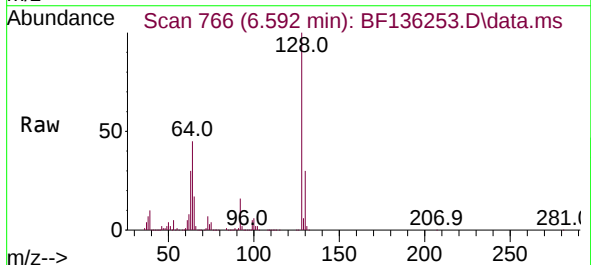
Instrument :
BNA_F
ClientSampleId :
PB157378BS

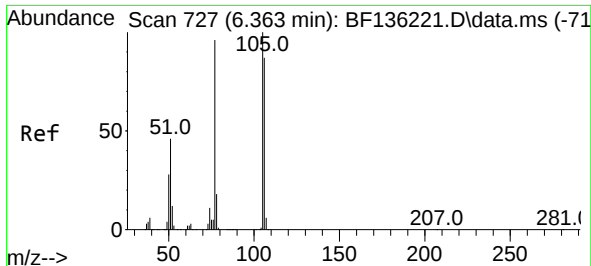
Tgt Ion: 99 Resp: 1691763
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.6
71 34.9 28.9 43.3



#8
2-Chlorophenol
Concen: 45.315 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion: 128 Resp: 525974
Ion Ratio Lower Upper
128 100
130 29.8 10.3 50.3
64 45.1 30.0 70.0

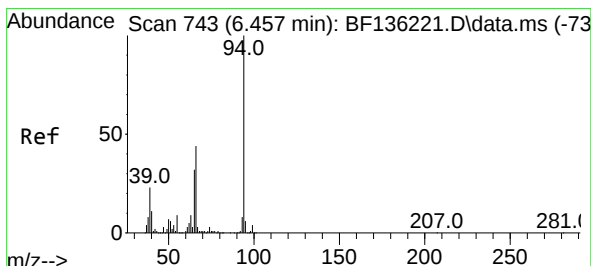
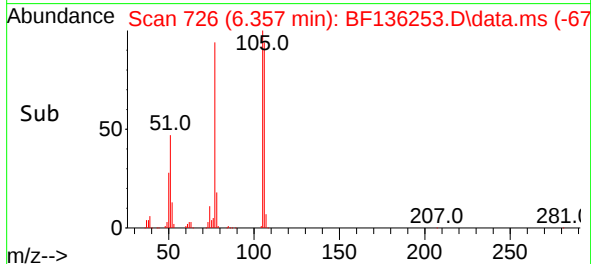
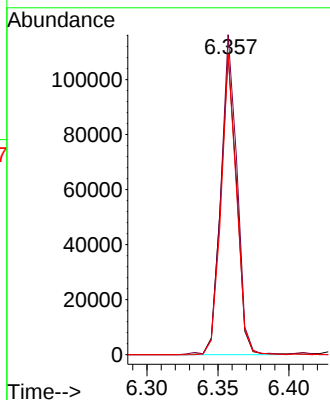
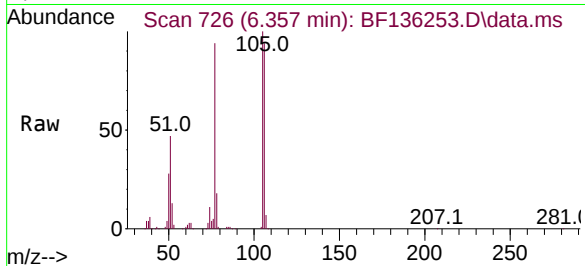




#9
Benzaldehyde
Concen: 11.394 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

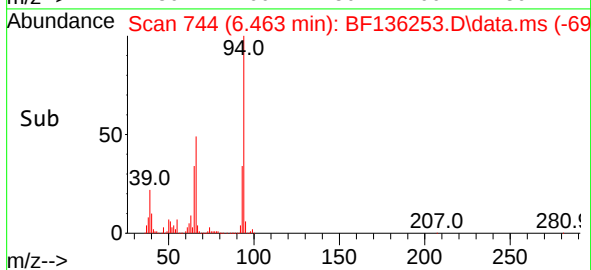
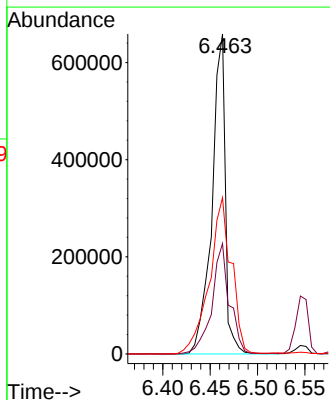
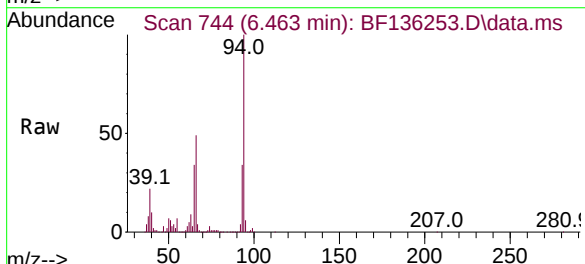
Instrument :
BNA_F
ClientSampleId :
PB157378BS

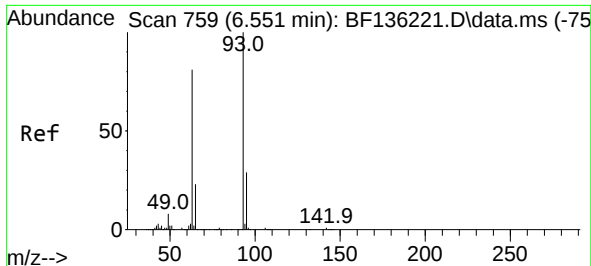
Tgt Ion: 77 Resp: 84648
Ion Ratio Lower Upper
77 100
105 106.6 84.3 124.3
106 100.1 71.0 111.0



#10
Phenol
Concen: 45.307 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion: 94 Resp: 647887
Ion Ratio Lower Upper
94 100
65 34.5 12.5 52.5
66 48.9 24.1 64.1

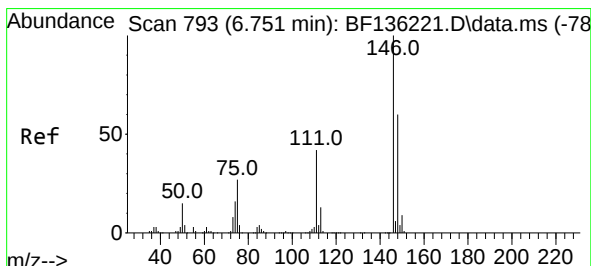
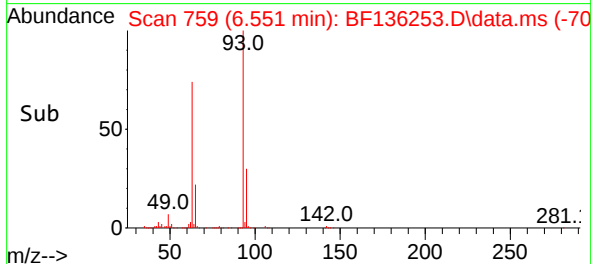
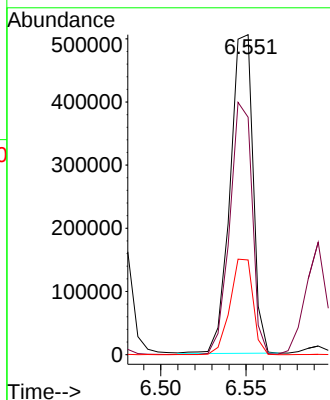
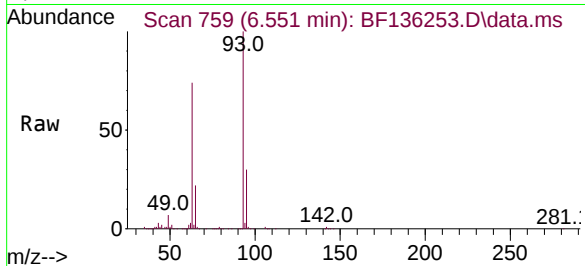




#11
bis(2-Chloroethyl)ether
Concen: 44.849 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

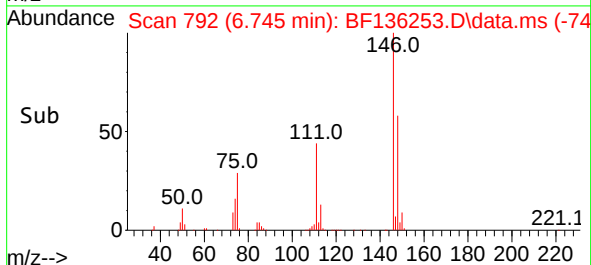
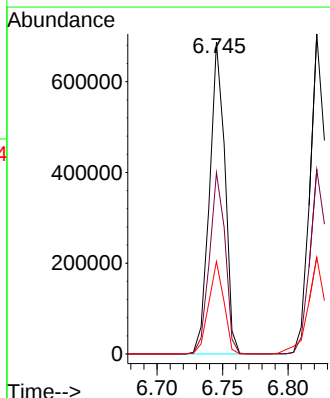
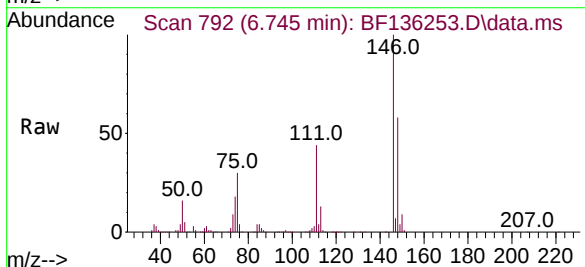
Instrument :
BNA_F
ClientSampleId :
PB157378BS

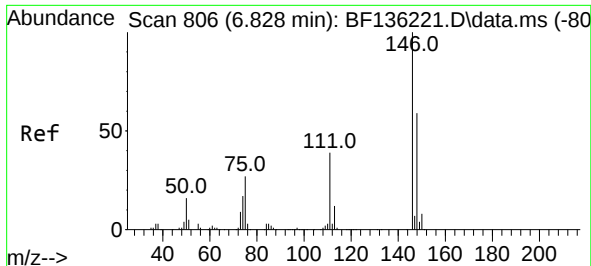
Tgt Ion: 93 Resp: 470481
Ion Ratio Lower Upper
93 100
63 74.2 60.2 100.2
95 29.6 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 42.510 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:146 Resp: 559955
Ion Ratio Lower Upper
146 100
148 58.2 47.8 71.6
75 29.7 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 42.680 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

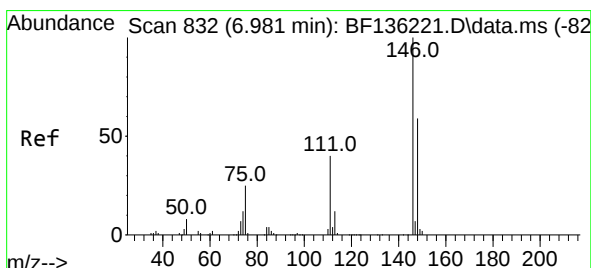
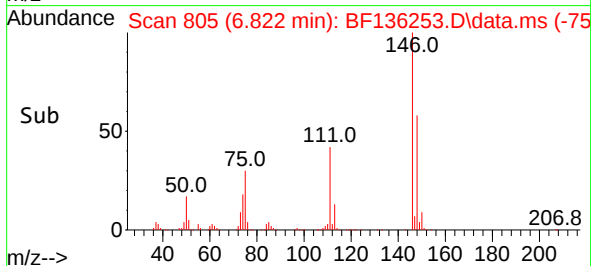
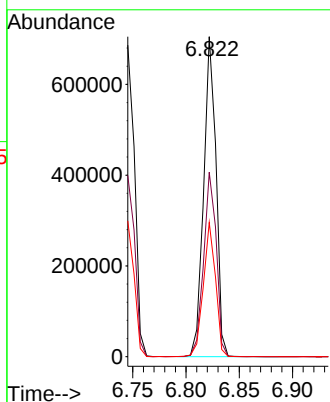
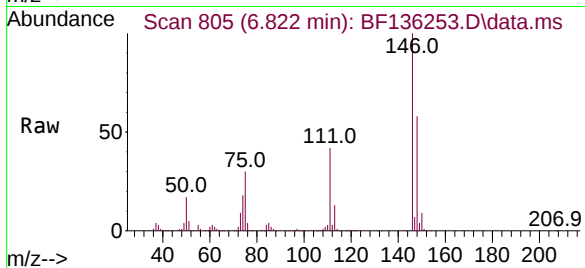
Tgt Ion:146 Resp: 571515

Ion Ratio Lower Upper

146 100

148 57.7 47.0 70.6

111 42.0 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 42.055 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

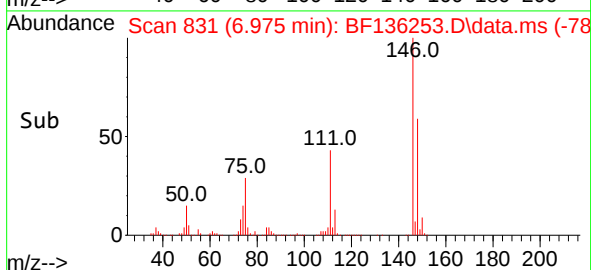
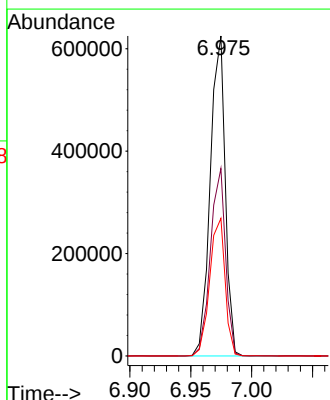
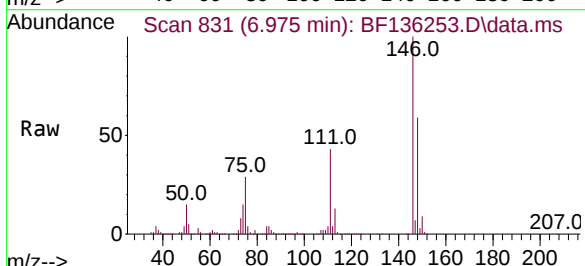
Tgt Ion:146 Resp: 533129

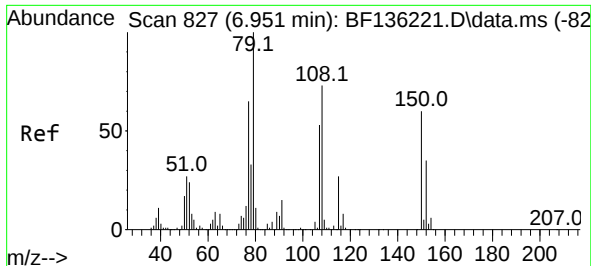
Ion Ratio Lower Upper

146 100

148 58.6 47.3 70.9

111 43.0 32.4 48.6

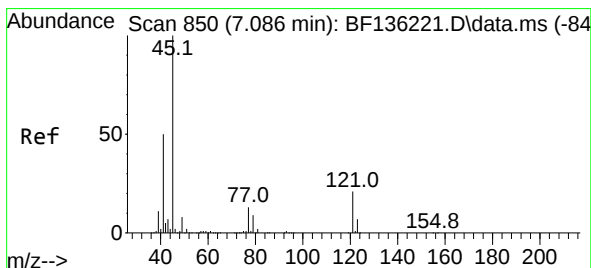
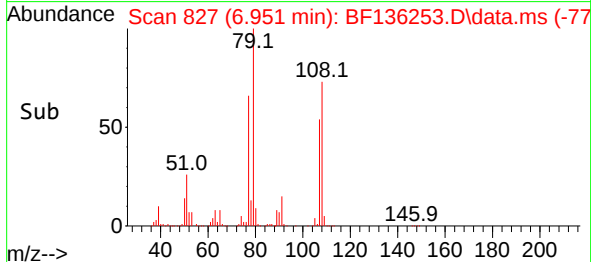
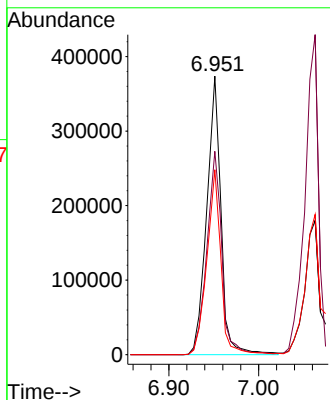
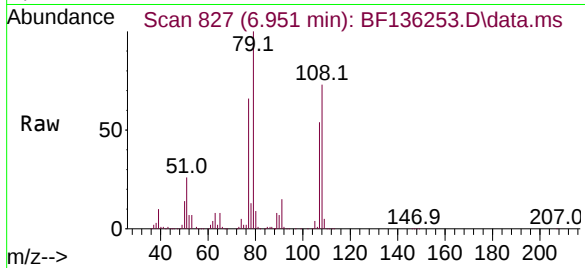




#15
Benzyl Alcohol
Concen: 44.130 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

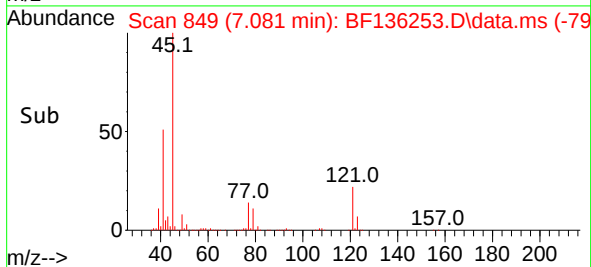
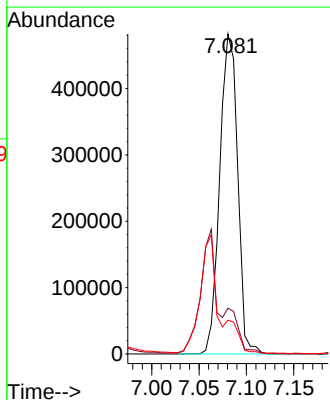
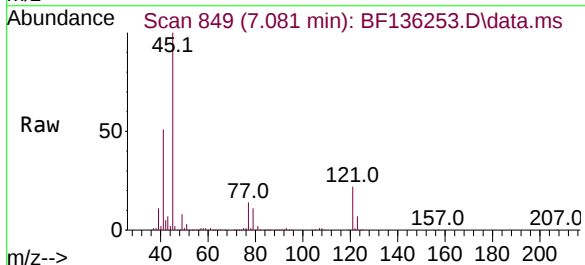
Instrument :
BNA_F
ClientSampleId :
PB157378BS

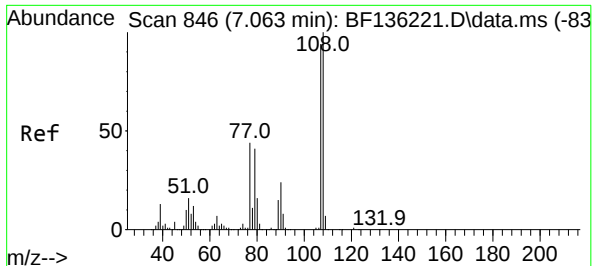
Tgt Ion: 79 Resp: 412411
Ion Ratio Lower Upper
79 100
108 73.0 58.1 87.1
77 66.4 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.550 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion: 45 Resp: 634583
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 10.5 0.0 30.1

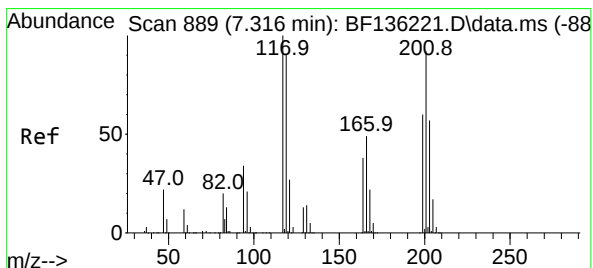
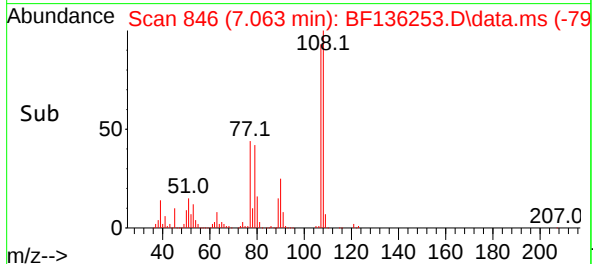
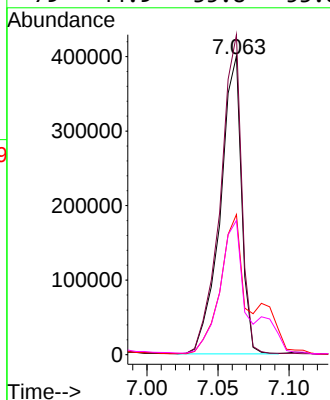
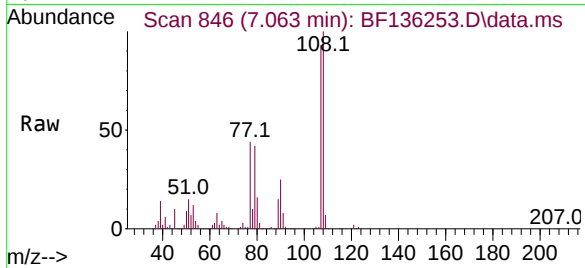




#17
2-Methylphenol
Concen: 45.527 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

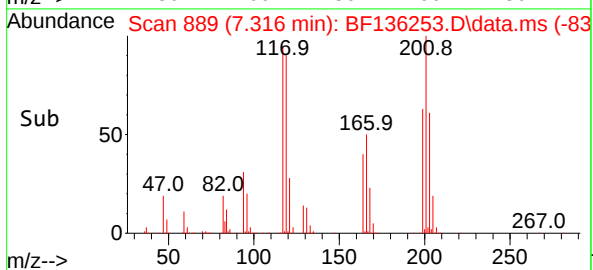
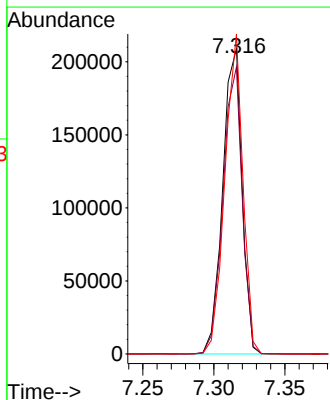
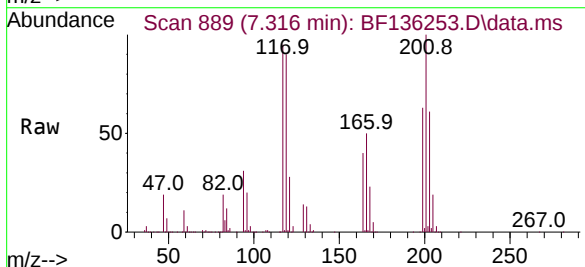
Instrument :
BNA_F
ClientSampleId :
PB157378BS

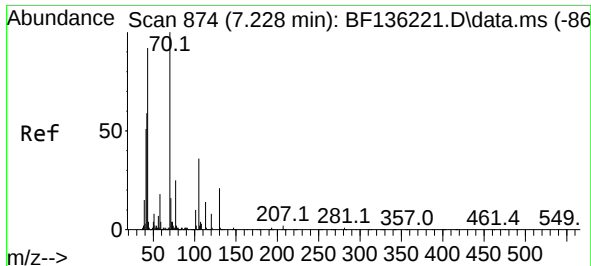
Tgt Ion:107 Resp: 415452
Ion Ratio Lower Upper
107 100
108 107.1 85.4 128.0
77 46.9 37.4 56.2
79 44.9 35.8 53.8



#18
Hexachloroethane
Concen: 42.189 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:117 Resp: 198162
Ion Ratio Lower Upper
117 100
119 94.0 71.6 107.4
201 104.8 73.4 110.2

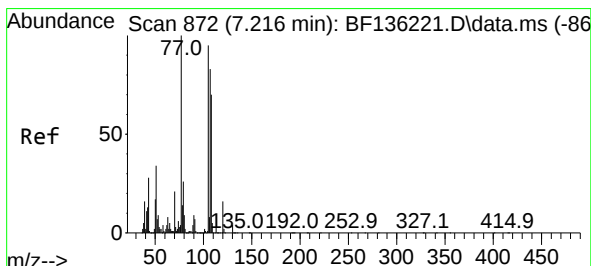
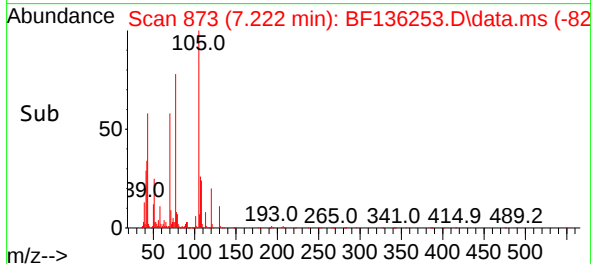
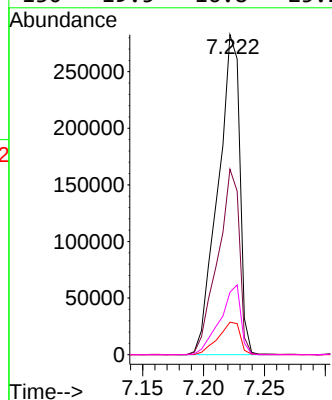
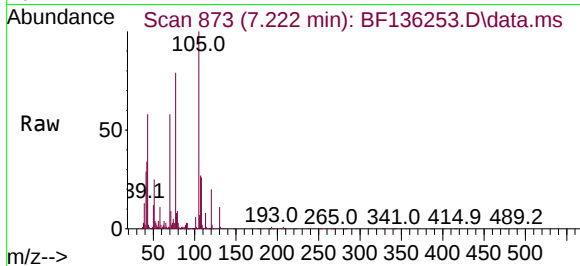




#19
n-Nitroso-di-n-propylamine
Concen: 44.240 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

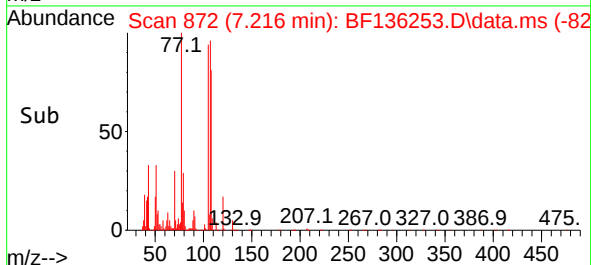
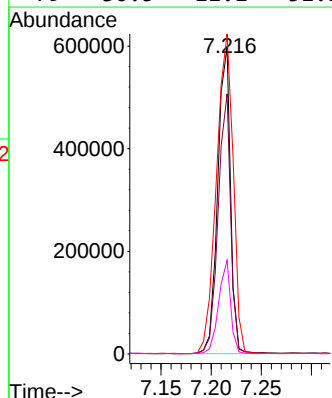
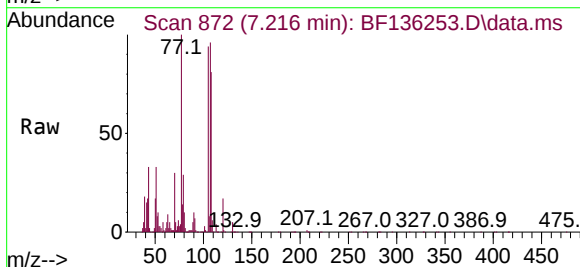
Instrument :
BNA_F
ClientSampleId :
PB157378BS

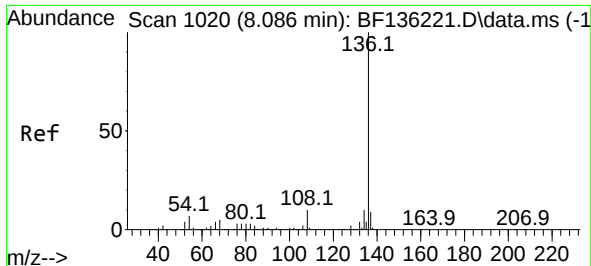
Tgt Ion: 70 Resp: 352676
Ion Ratio Lower Upper
70 100
42 58.0 47.0 70.4
101 10.1 7.8 11.8
130 19.5 16.8 25.2



#20
3+4-Methylphenols
Concen: 44.621 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion: 107 Resp: 529193
Ion Ratio Lower Upper
107 100
108 84.9 63.9 103.9
77 104.4 100.2 140.2
79 30.5 11.1 51.1

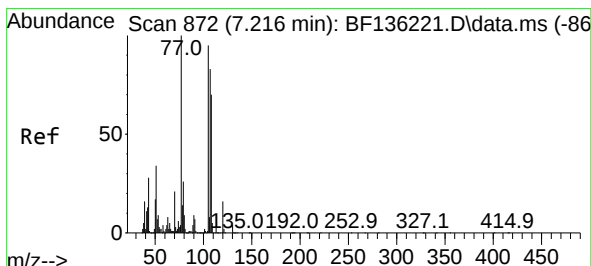
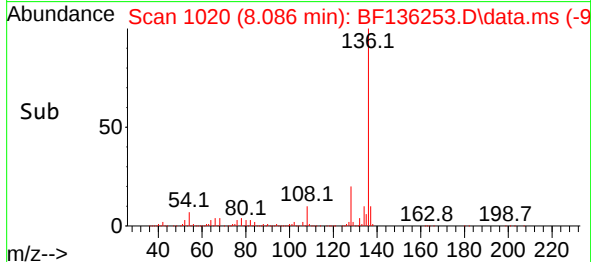
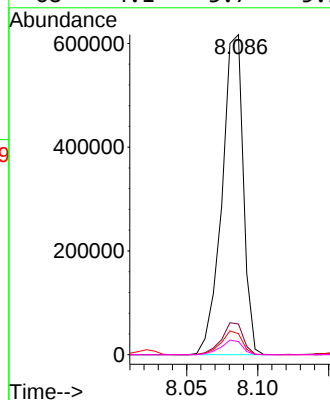
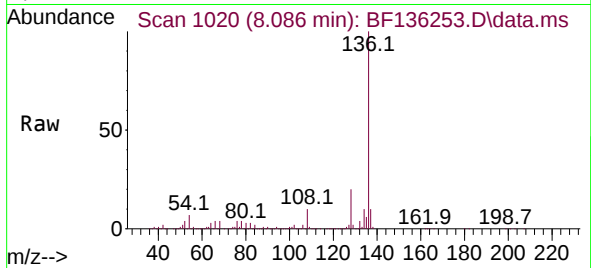




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

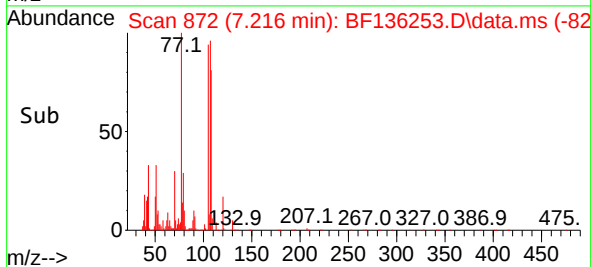
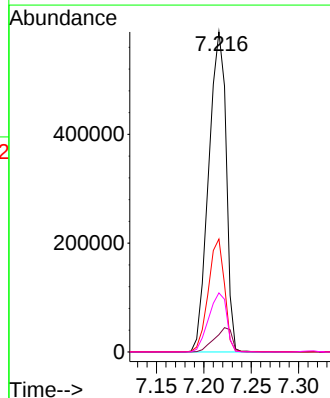
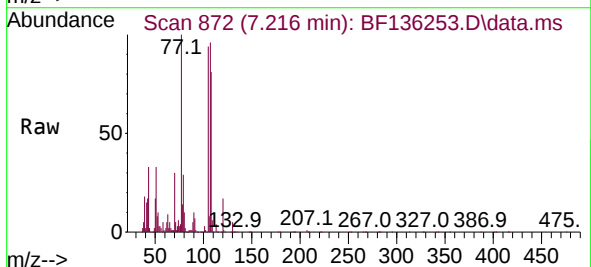
Instrument :
BNA_F
ClientSampleId :
PB157378BS

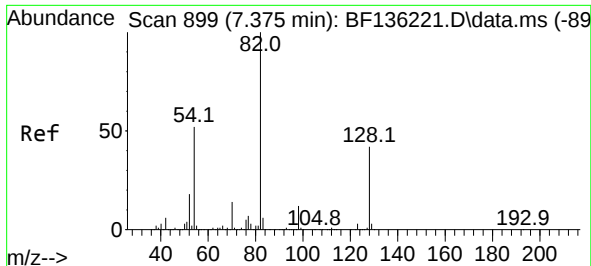
Tgt Ion:	136	Resp:	642815
Ion	Ratio	Lower	Upper
136	100		
137	9.6	7.4	11.2
54	6.5	5.5	8.3
68	4.1	3.7	5.5



#22
Acetophenone
Concen: 44.694 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:	105	Resp:	754547
Ion	Ratio	Lower	Upper
105	100		
71	5.4	2.8	4.2#
51	35.3	29.0	43.6
120	18.5	13.9	20.9





#23

Nitrobenzene-d5

Concen: 85.366 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

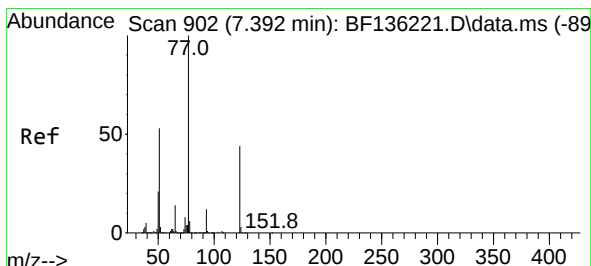
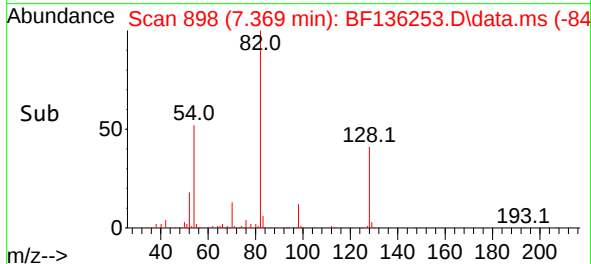
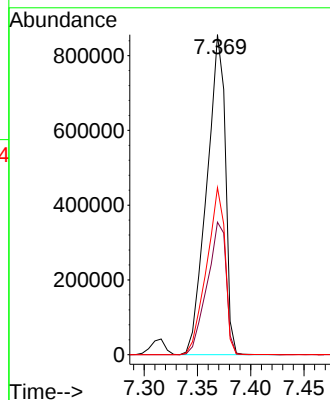
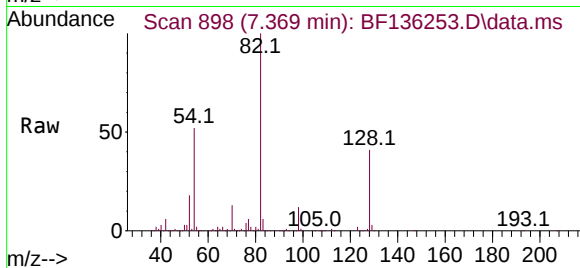
Tgt Ion: 82 Resp: 1038439

Ion Ratio Lower Upper

82 100

128 41.4 33.4 50.2

54 52.2 41.7 62.5



#24

Nitrobenzene

Concen: 42.875 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

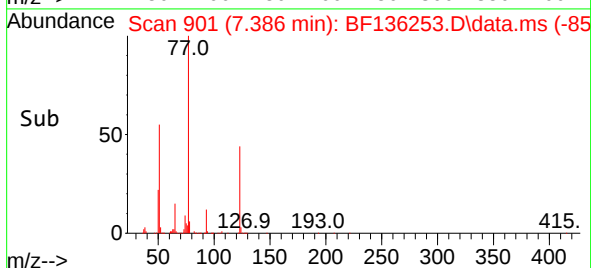
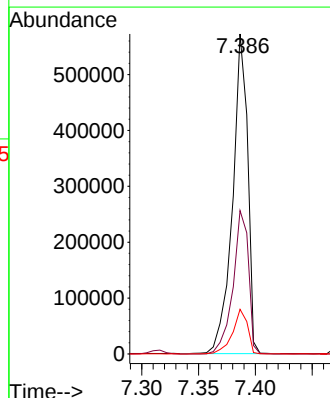
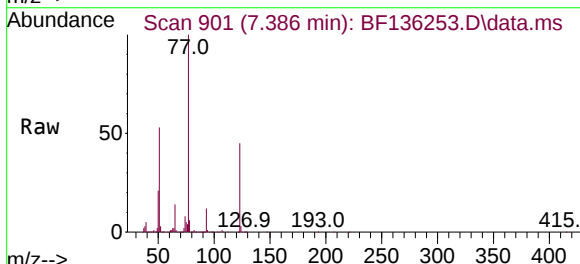
Tgt Ion: 77 Resp: 528540

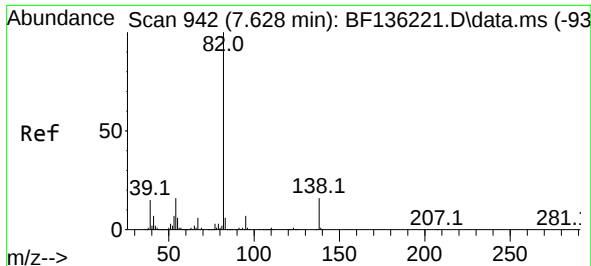
Ion Ratio Lower Upper

77 100

123 44.8 35.4 53.2

65 13.9 11.0 16.6

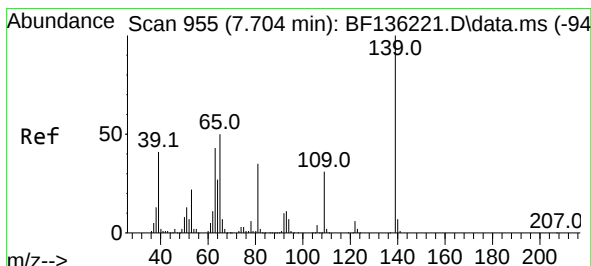
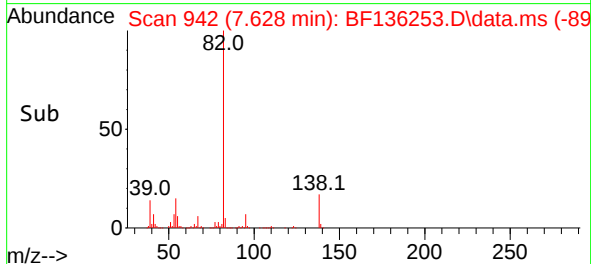
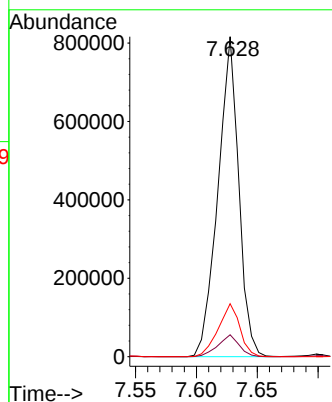
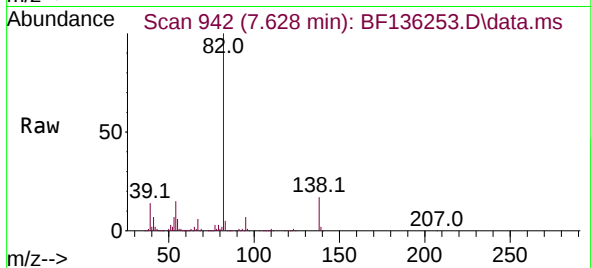




#25
Isophorone
Concen: 44.235 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

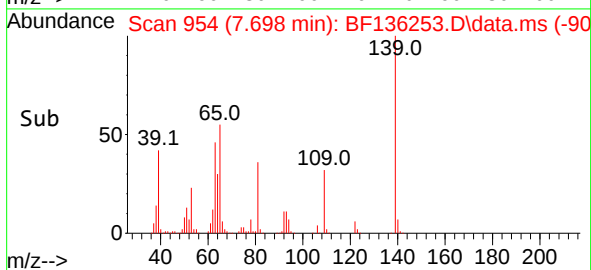
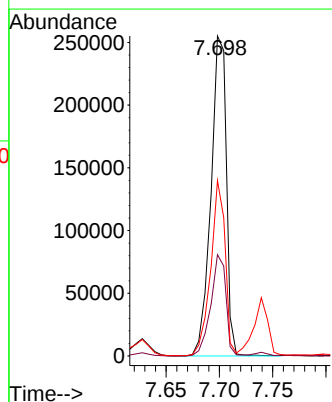
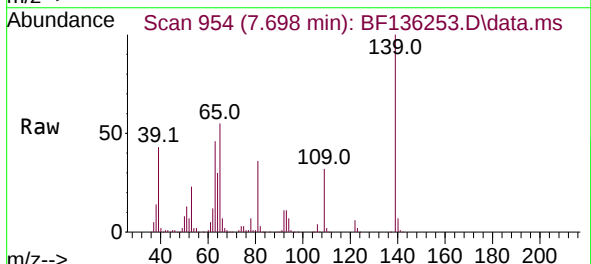
Instrument :
BNA_F
ClientSampleId :
PB157378BS

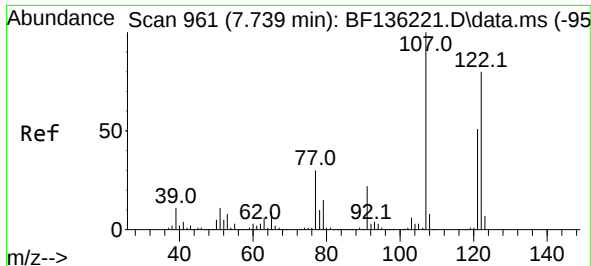
Tgt Ion: 82 Resp: 970276
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.5 12.8 19.2



#26
2-Nitrophenol
Concen: 48.934 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion: 139 Resp: 257019
Ion Ratio Lower Upper
139 100
109 31.7 25.0 37.6
65 54.8 40.4 60.6

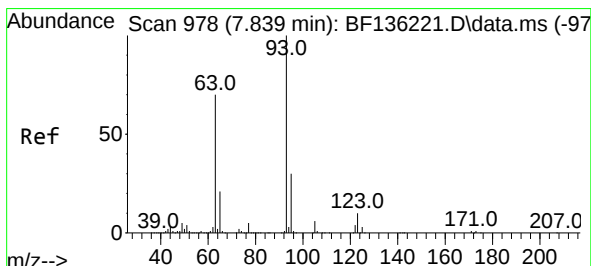
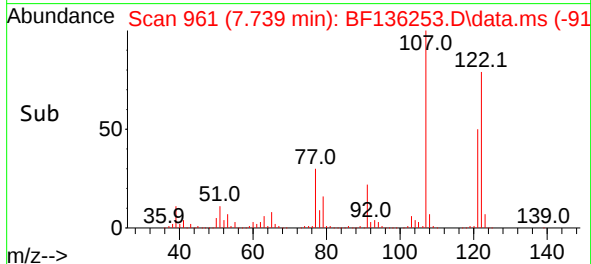
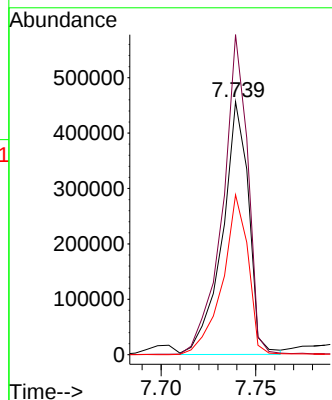
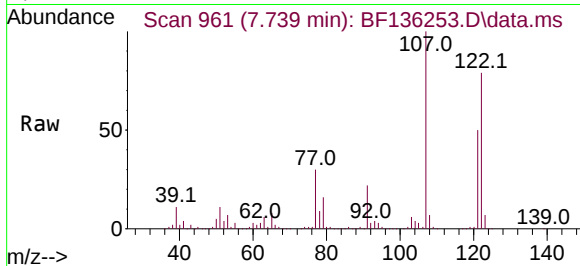




#27
2,4-Dimethylphenol
Concen: 63.751 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

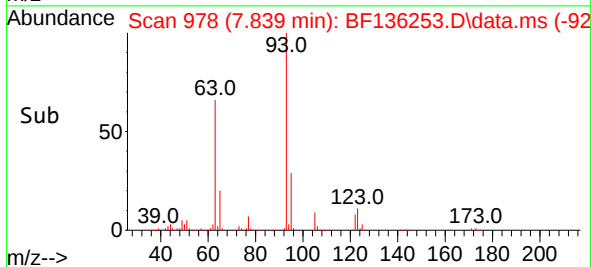
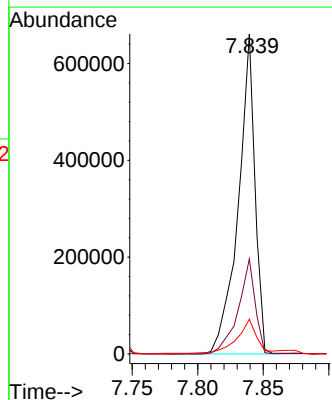
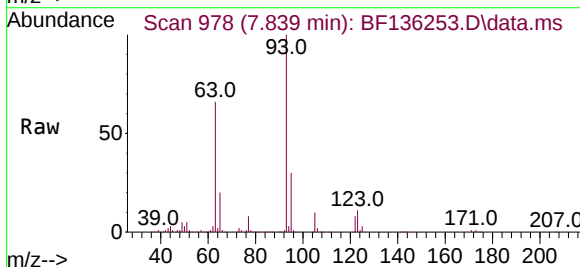
Instrument :
BNA_F
ClientSampleId :
PB157378BS

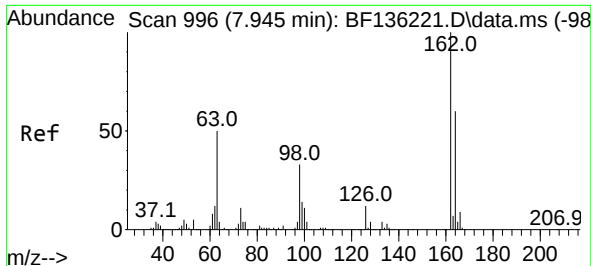
Tgt Ion:122 Resp: 440727
Ion Ratio Lower Upper
122 100
107 126.5 100.0 150.0
121 63.1 50.7 76.1



#28
bis(2-Chloroethoxy)methane
Concen: 44.208 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion: 93 Resp: 586538
Ion Ratio Lower Upper
93 100
95 29.7 23.8 35.6
123 10.8 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 45.206 ng

RT: 7.939 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

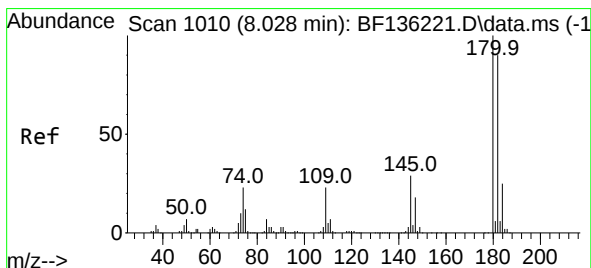
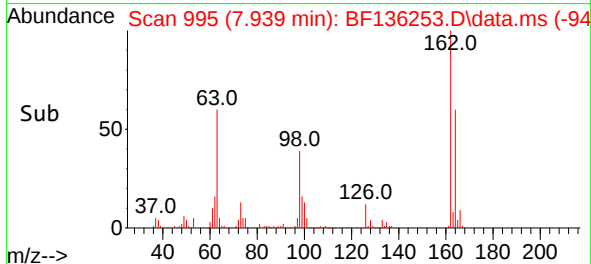
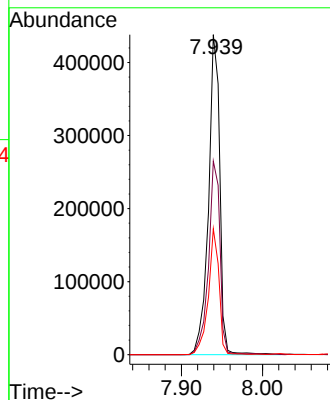
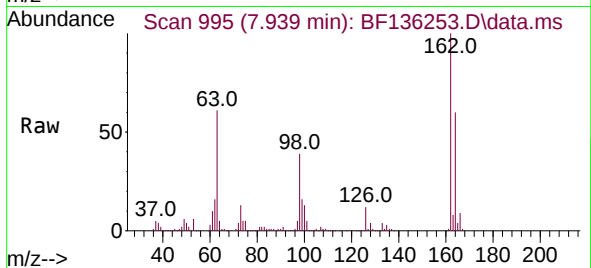
Tgt Ion:162 Resp: 421532

Ion Ratio Lower Upper

162 100

164 60.5 40.3 80.3

98 39.4 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 42.999 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

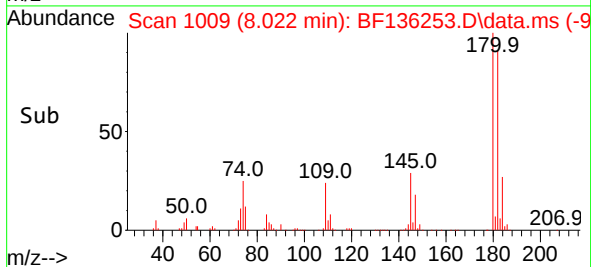
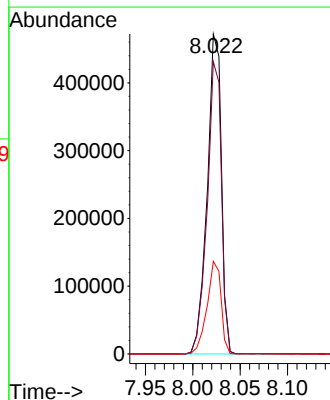
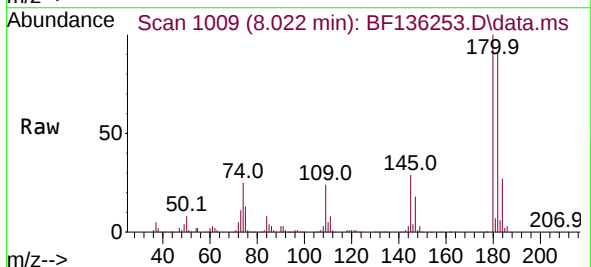
Tgt Ion:180 Resp: 490904

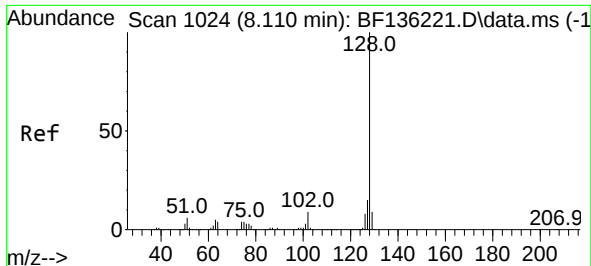
Ion Ratio Lower Upper

180 100

182 91.3 71.6 107.4

145 28.9 23.0 34.4

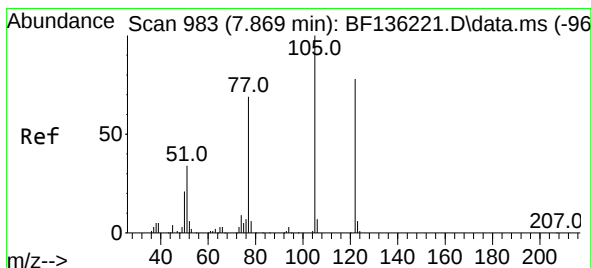
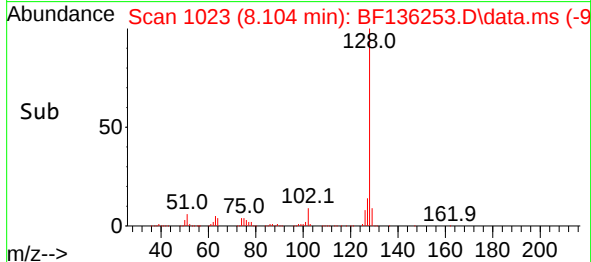
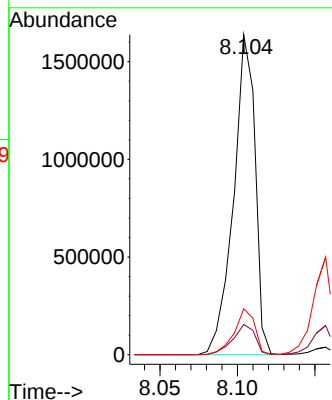
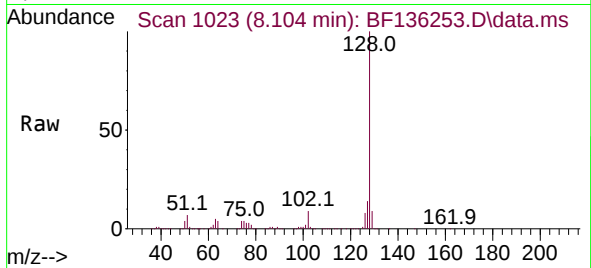




#31
Naphthalene
Concen: 43.885 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

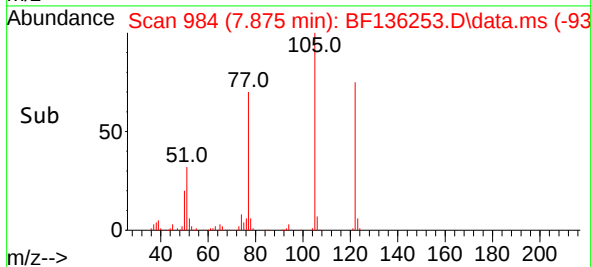
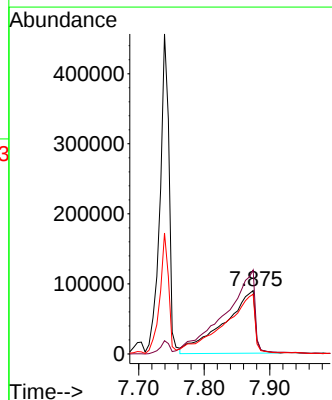
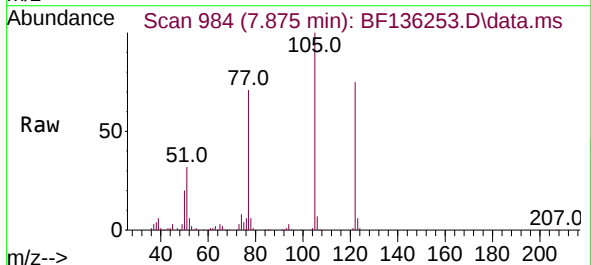
Instrument :
BNA_F
ClientSampleId :
PB157378BS

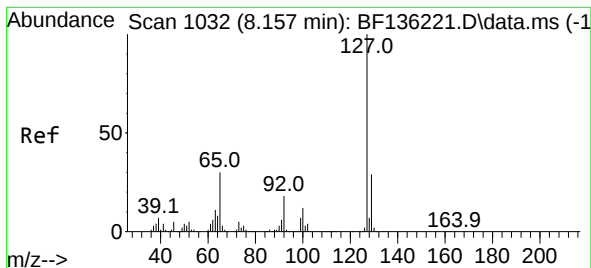
Tgt Ion:128 Resp: 1585616
Ion Ratio Lower Upper
128 100
129 9.5 7.3 10.9
127 14.3 11.8 17.6



#32
Benzoic acid
Concen: 46.858 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:122 Resp: 295230
Ion Ratio Lower Upper
122 100
105 132.8 103.7 143.7
77 94.4 66.8 106.8





#33

4-Chloroaniline

Concen: 35.284 ng

RT: 8.157 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

Tgt Ion:127 Resp: 433339

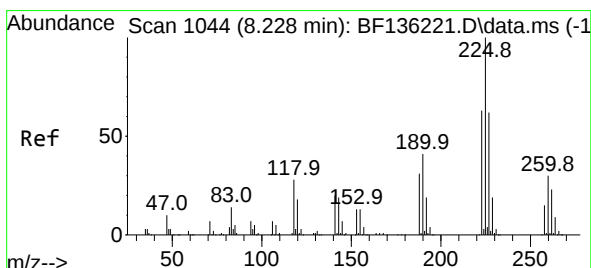
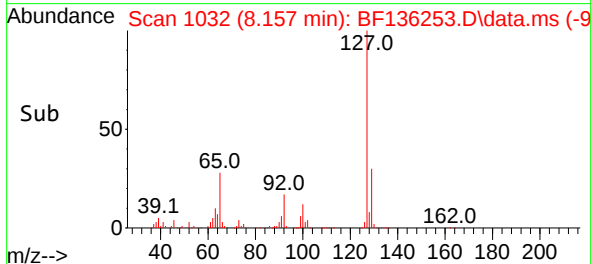
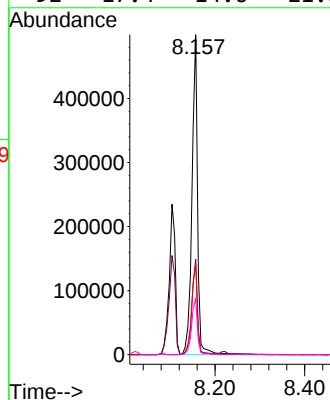
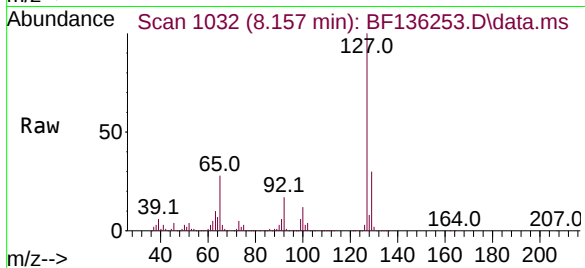
Ion Ratio Lower Upper

127 100

129 29.8 23.4 35.2

65 28.2 23.8 35.6

92 17.4 14.6 21.8



#34

Hexachlorobutadiene

Concen: 41.608 ng

RT: 8.222 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

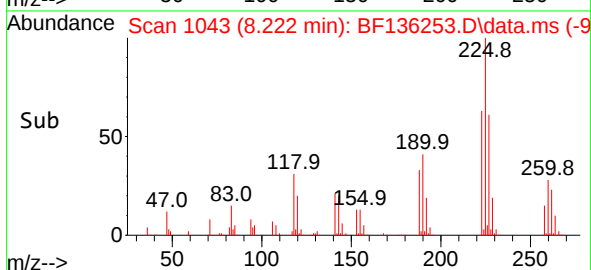
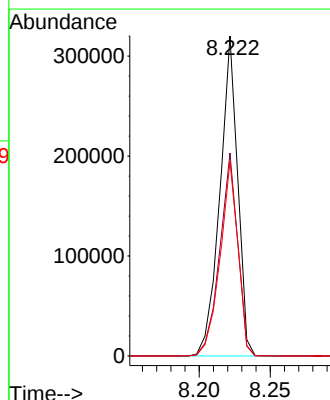
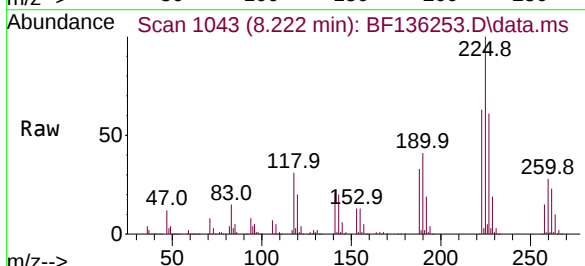
Tgt Ion:225 Resp: 277905

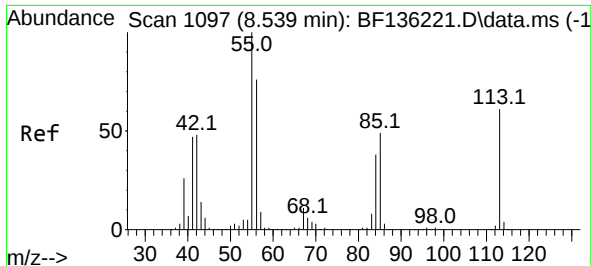
Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

227 60.8 49.6 74.4

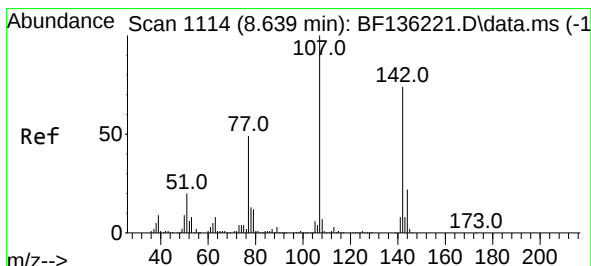
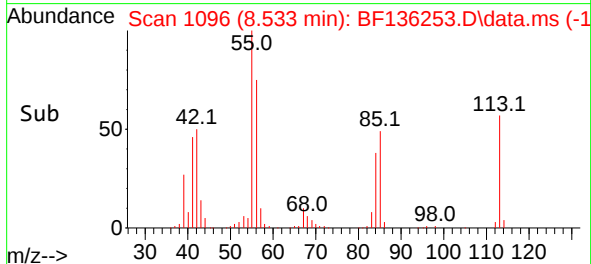
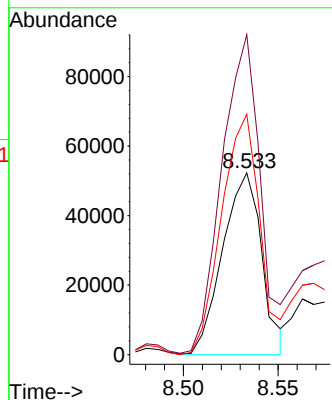
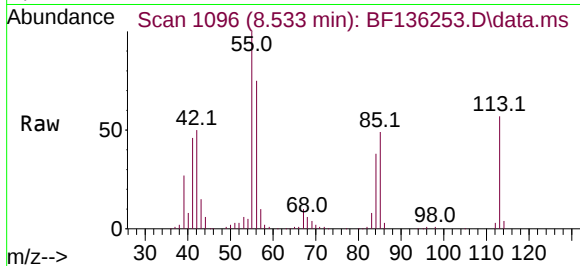




#35
 Caprolactam
 Concen: 28.741 ng
 RT: 8.533 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

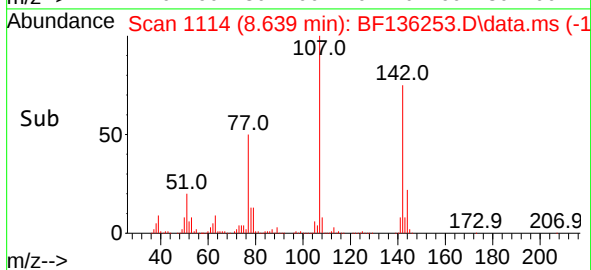
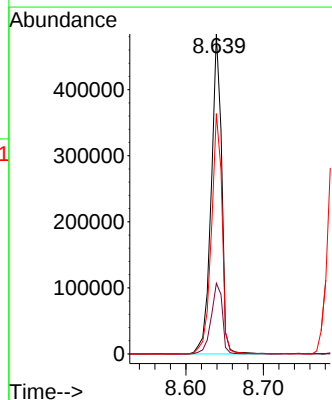
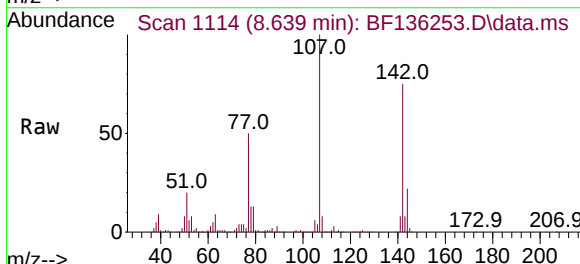
Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

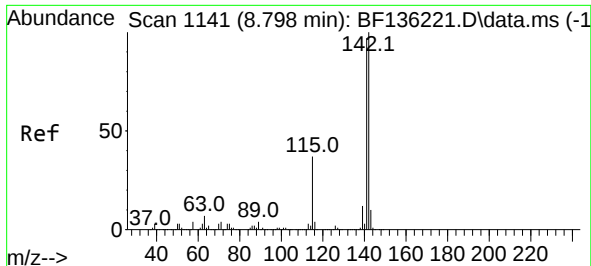
Tgt Ion:113 Resp: 74920
 Ion Ratio Lower Upper
 113 100
 55 176.1 143.1 183.1
 56 132.3 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.678 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

Tgt Ion:107 Resp: 451841
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.8 26.8
 142 75.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.376 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

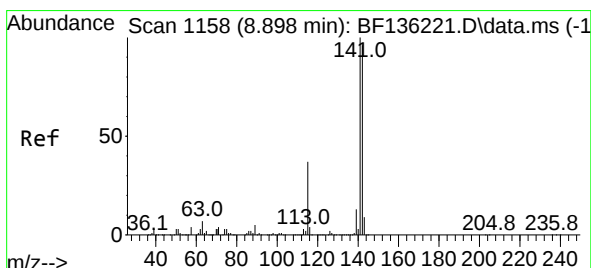
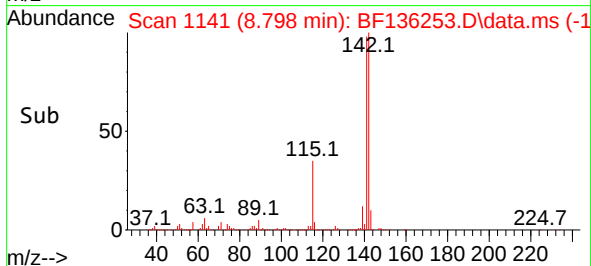
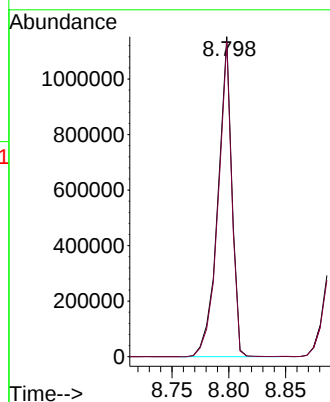
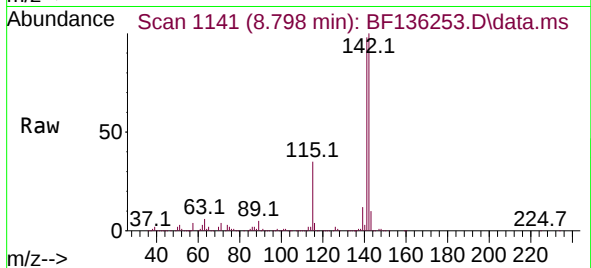
PB157378BS

Tgt Ion:142 Resp: 983106

Ion Ratio Lower Upper

142 100

141 98.4 77.8 116.8



#38

1-Methylnaphthalene

Concen: 41.817 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136253.D

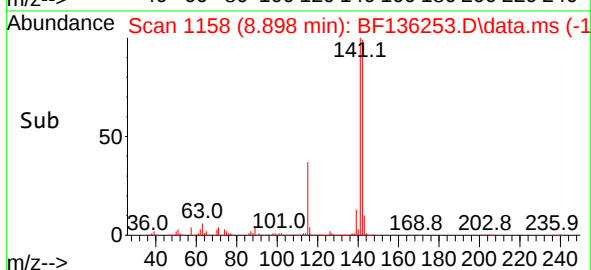
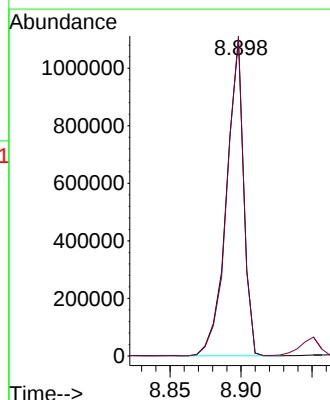
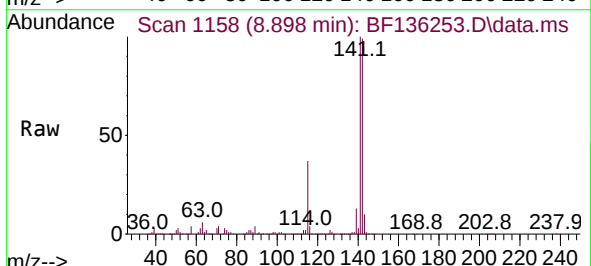
Acq: 28 Nov 2023 17:17

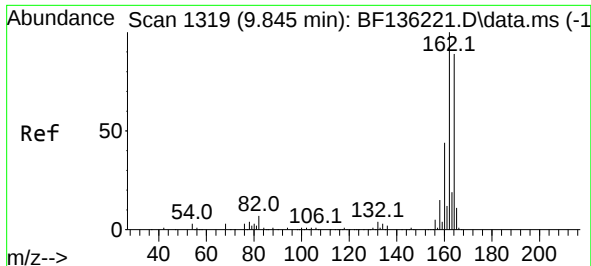
Tgt Ion:142 Resp: 924564

Ion Ratio Lower Upper

142 100

141 101.1 83.8 125.6

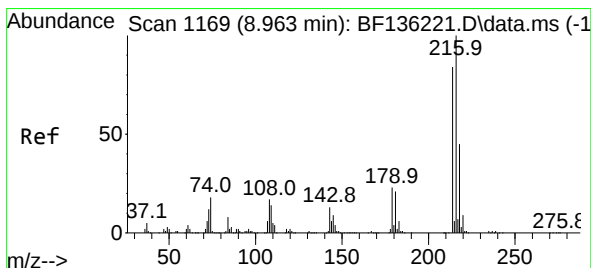
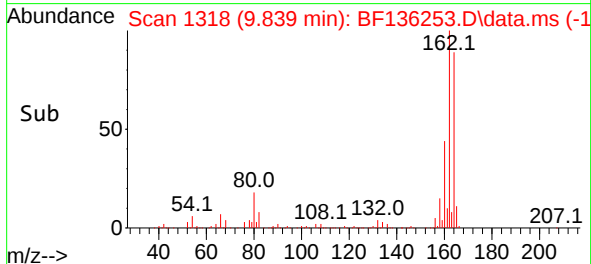
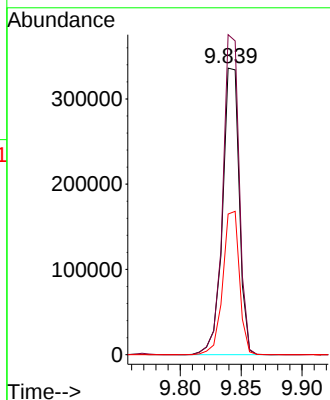
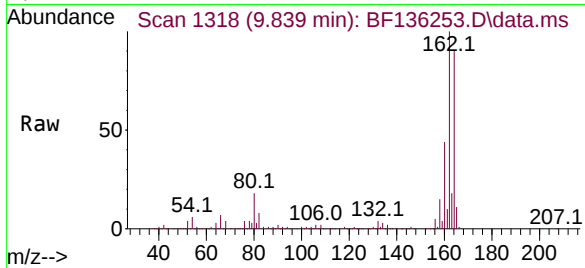




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

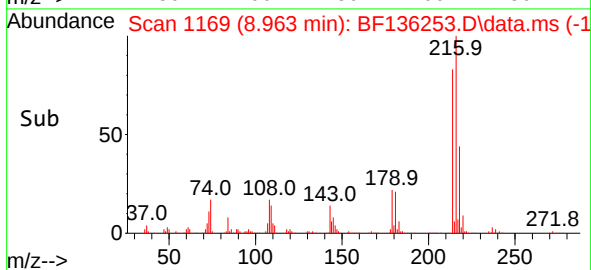
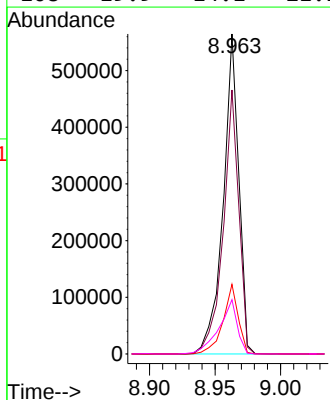
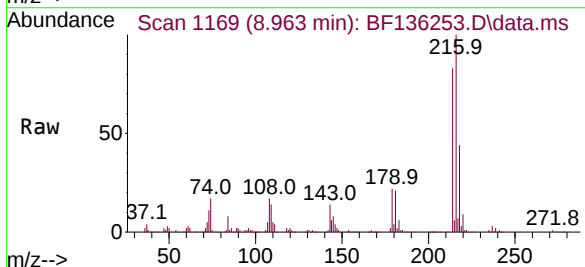
Instrument :
BNA_F
ClientSampleId :
PB157378BS

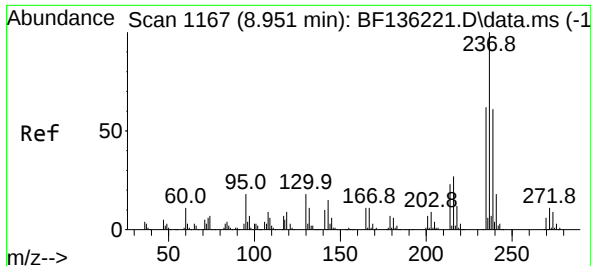
Tgt Ion:164 Resp: 322579
Ion Ratio Lower Upper
164 100
162 111.7 89.5 134.3
160 49.1 39.6 59.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.360 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

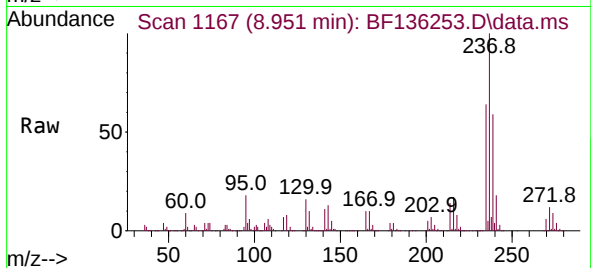
Tgt Ion:216 Resp: 465673
Ion Ratio Lower Upper
216 100
214 82.2 65.8 98.8
179 21.2 17.4 26.0
108 19.9 14.1 21.1



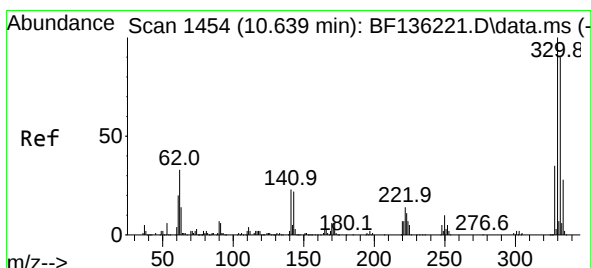
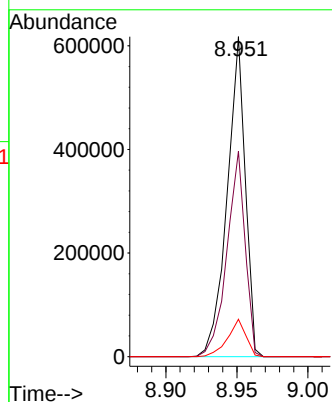
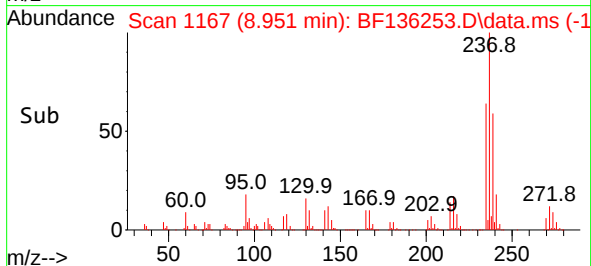


#41
Hexachlorocyclopentadiene
Concen: 138.832 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

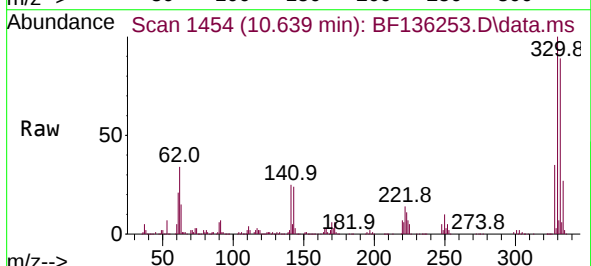
Instrument :
BNA_F
ClientSampleId :
PB157378BS



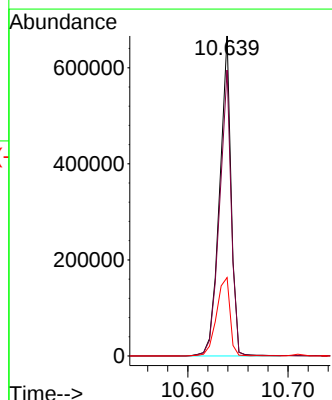
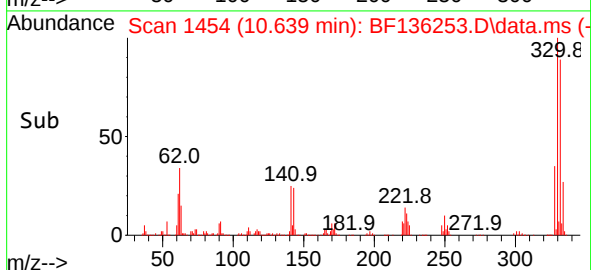
Tgt Ion:237 Resp: 548420
Ion Ratio Lower Upper
237 100
235 64.2 42.1 82.1
272 11.7 0.0 31.0

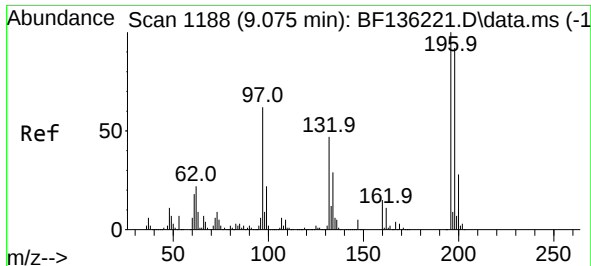


#42
2,4,6-Tribromophenol
Concen: 134.415 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion:330 Resp: 530104
Ion Ratio Lower Upper
330 100
332 91.6 73.0 109.6
141 28.9 24.2 36.2

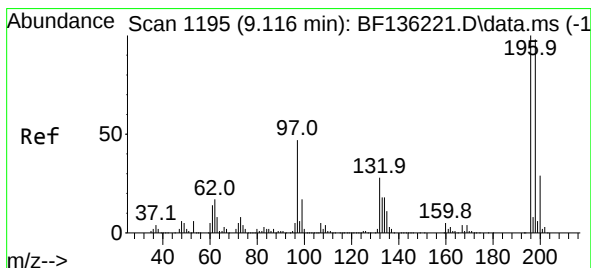
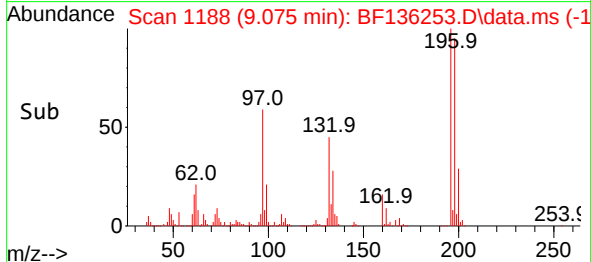
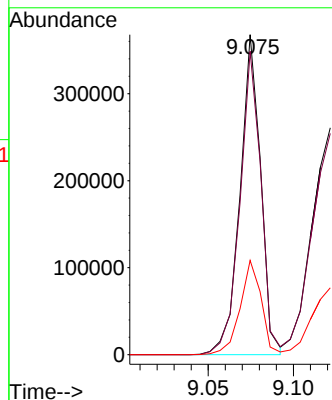
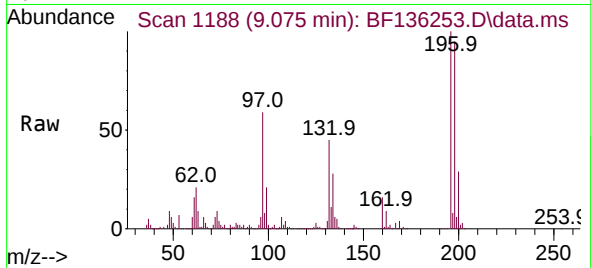




#43
2,4,6-Trichlorophenol
Concen: 46.576 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

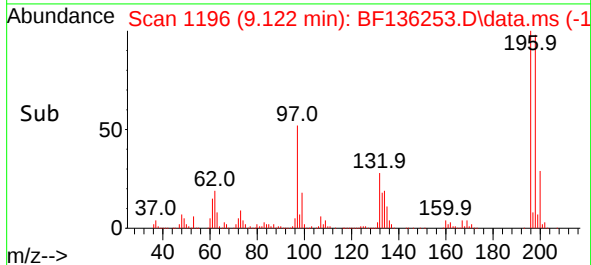
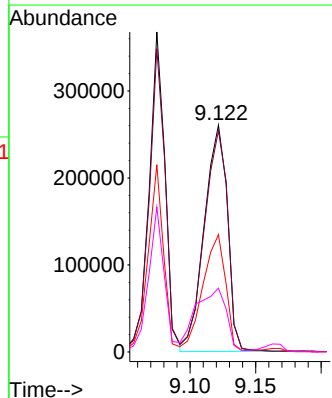
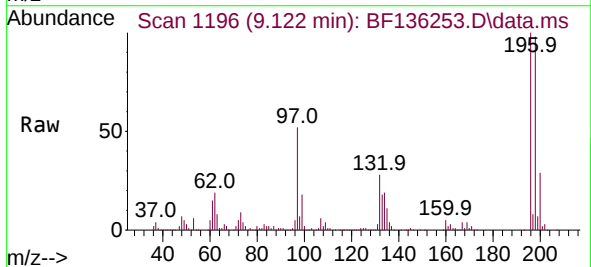
Instrument :
BNA_F
ClientSampleId :
PB157378BS

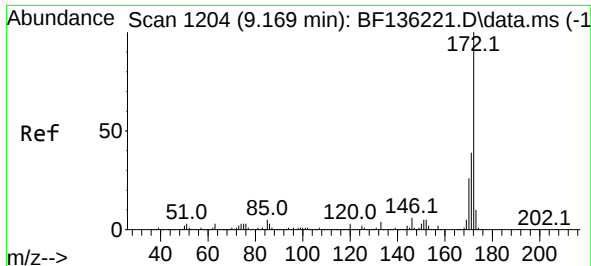
Tgt Ion:196 Resp: 310357
Ion Ratio Lower Upper
196 100
198 94.8 73.2 109.8
200 29.5 22.4 33.6



#44
2,4,5-Trichlorophenol
Concen: 43.981 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:196 Resp: 319817
Ion Ratio Lower Upper
196 100
198 97.5 78.8 118.2
97 51.7 37.8 56.8
132 28.2 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 85.878 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

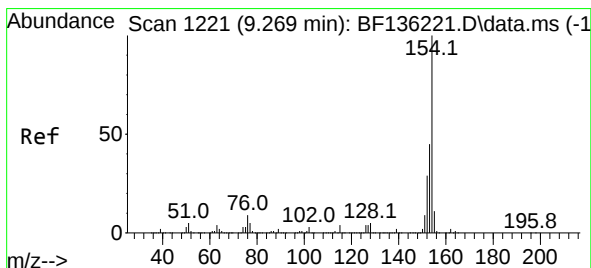
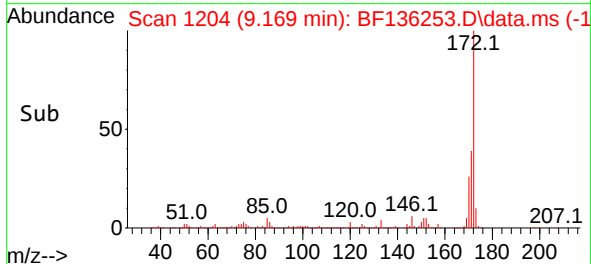
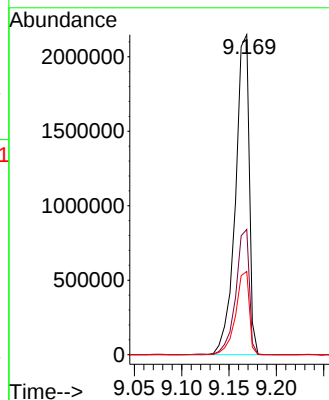
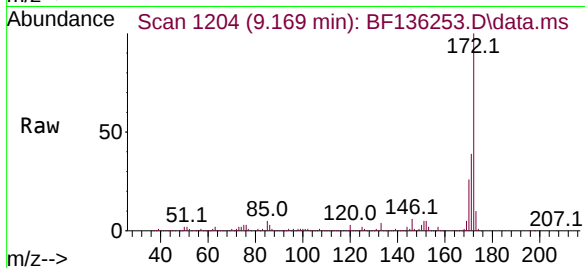
Tgt Ion:172 Resp: 2168826

Ion Ratio Lower Upper

172 100

171 39.2 31.5 47.3

170 26.0 20.8 31.2



#46

1,1'-Biphenyl

Concen: 45.909 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

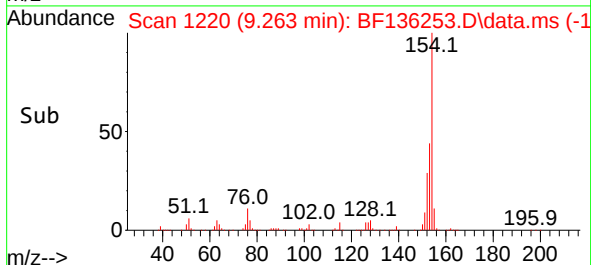
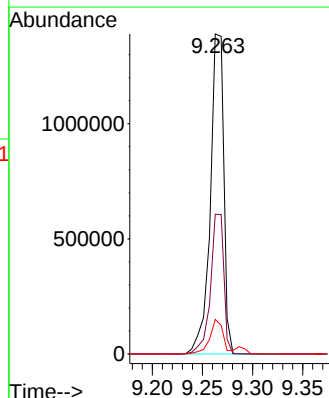
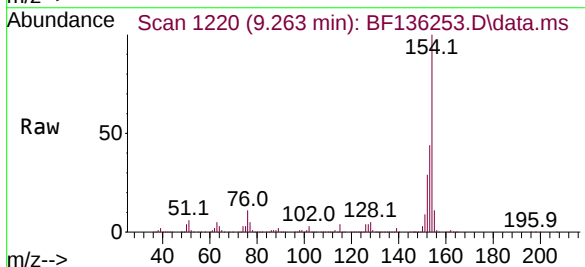
Tgt Ion:154 Resp: 1305954

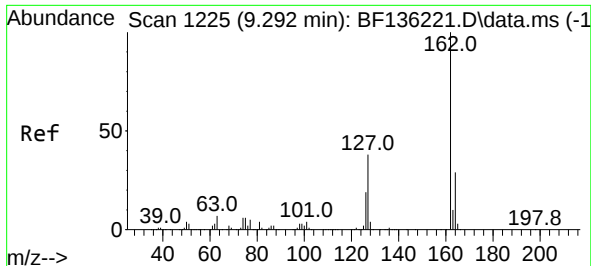
Ion Ratio Lower Upper

154 100

153 43.7 24.6 64.6

76 10.8 0.0 29.4





#47

2-Chloronaphthalene

Concen: 43.556 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

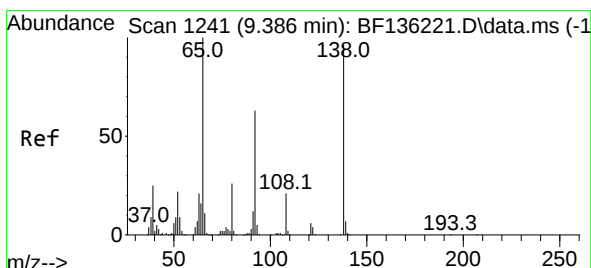
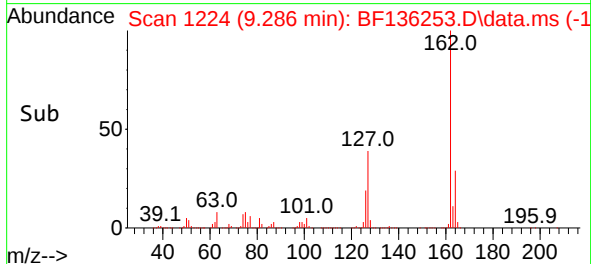
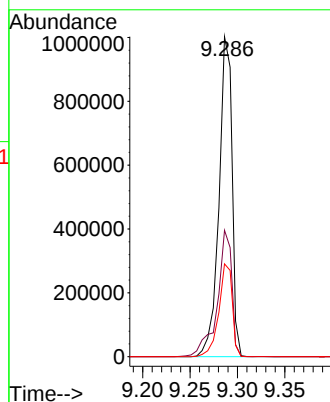
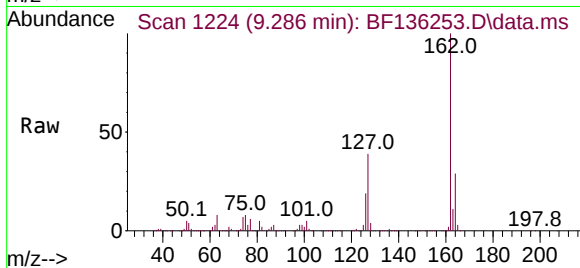
Tgt Ion:162 Resp: 962194

Ion Ratio Lower Upper

162 100

127 39.5 30.2 45.2

164 29.0 22.8 34.2



#48

2-Nitroaniline

Concen: 46.564 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

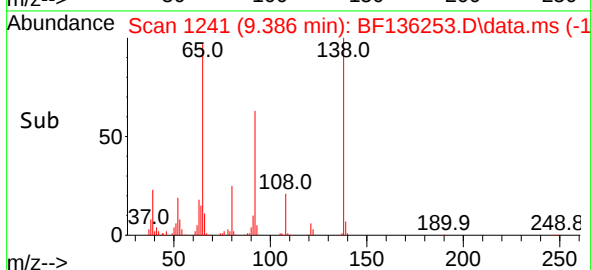
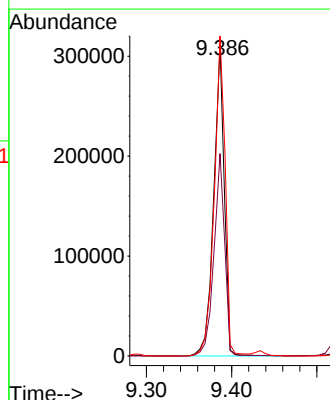
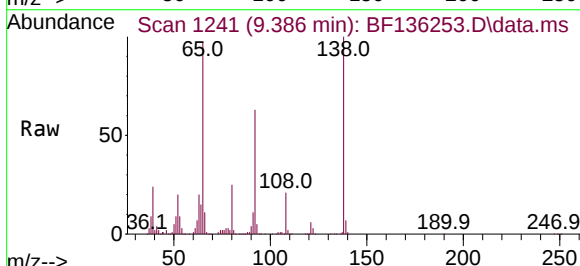
Tgt Ion: 65 Resp: 268566

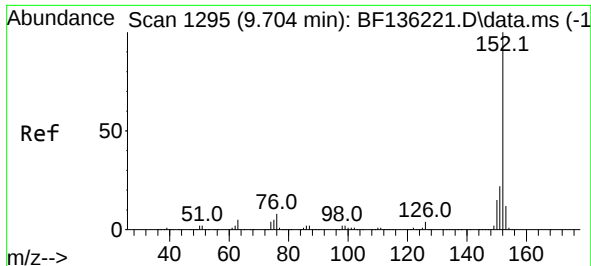
Ion Ratio Lower Upper

65 100

92 65.1 50.6 75.8

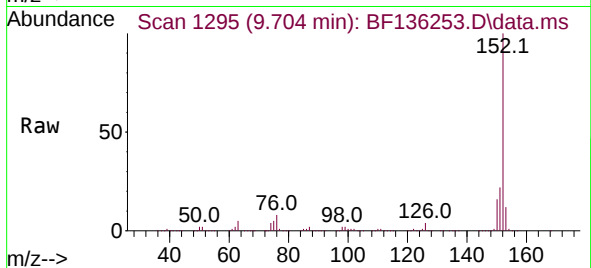
138 103.0 76.7 115.1



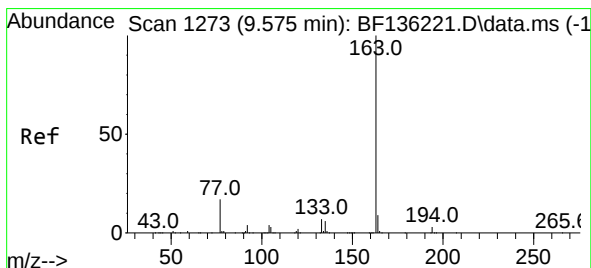
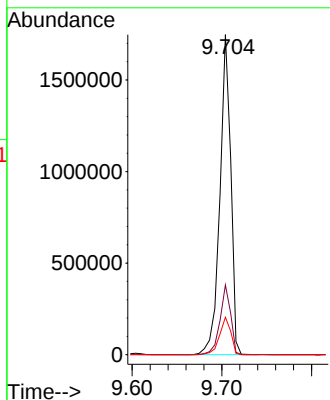
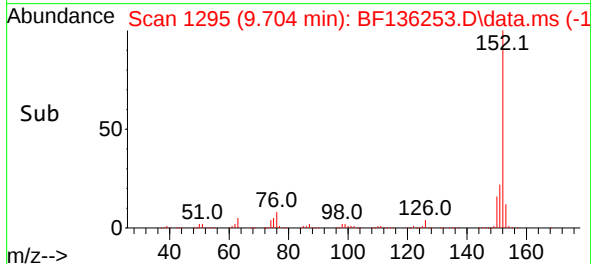


#49
Acenaphthylene
Concen: 46.486 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

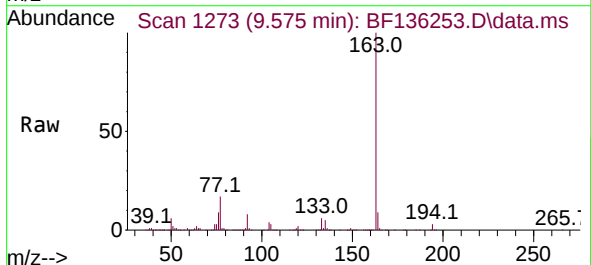
Instrument :
BNA_F
ClientSampleId :
PB157378BS



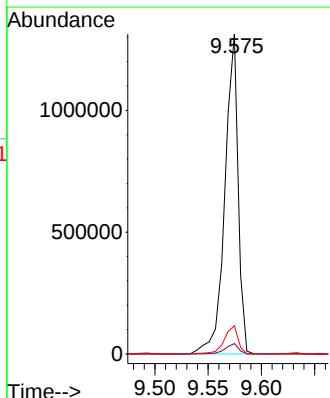
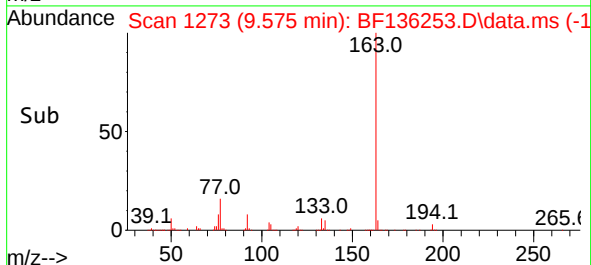
Tgt Ion:152 Resp: 1465506
Ion Ratio Lower Upper
152 100
151 21.8 17.5 26.3
153 11.7 9.6 14.4

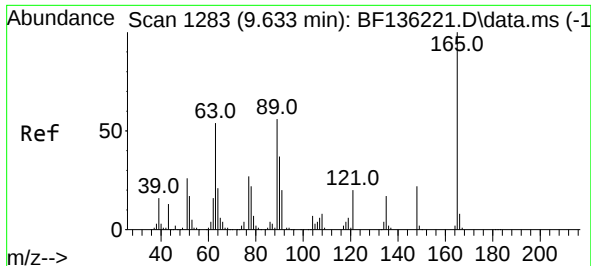


#50
Dimethylphthalate
Concen: 46.598 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17



Tgt Ion:163 Resp: 1136107
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 8.8 7.0 10.6

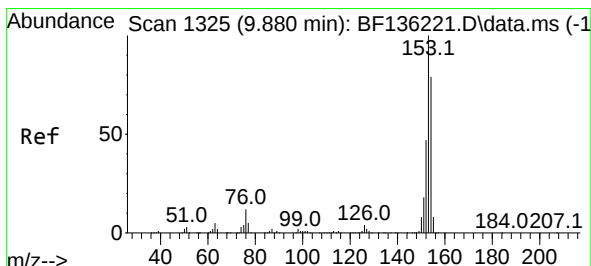
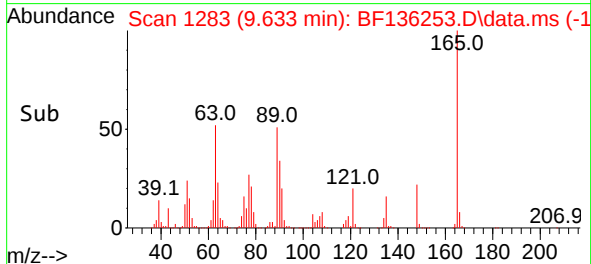
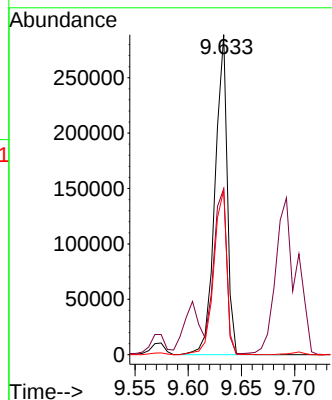
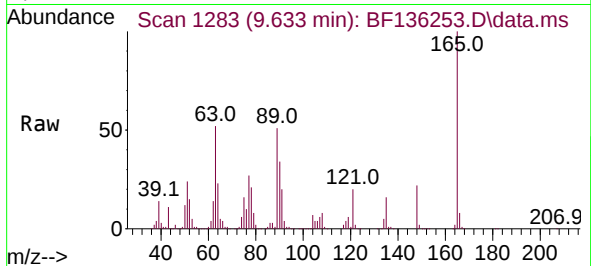




#51
2,6-Dinitrotoluene
Concen: 46.198 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

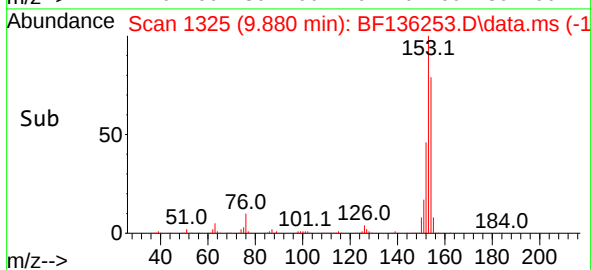
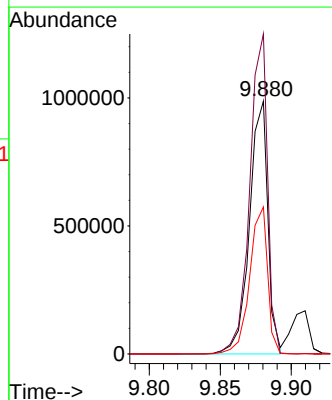
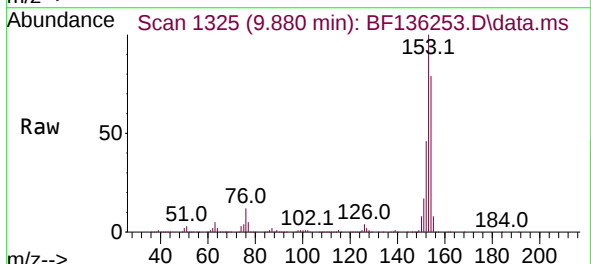
Instrument :
BNA_F
ClientSampleId :
PB157378BS

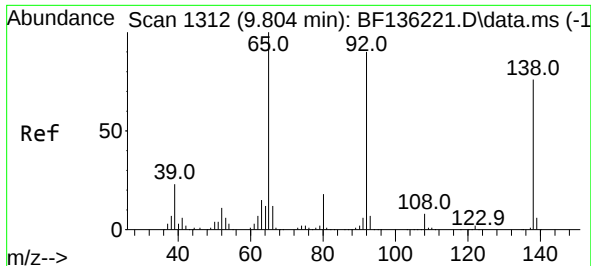
Tgt Ion:165 Resp: 230108
Ion Ratio Lower Upper
165 100
63 51.9 46.2 69.2
89 51.4 44.9 67.3



#52
Acenaphthene
Concen: 44.709 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:154 Resp: 890706
Ion Ratio Lower Upper
154 100
153 126.6 100.8 151.2
152 58.2 47.0 70.6

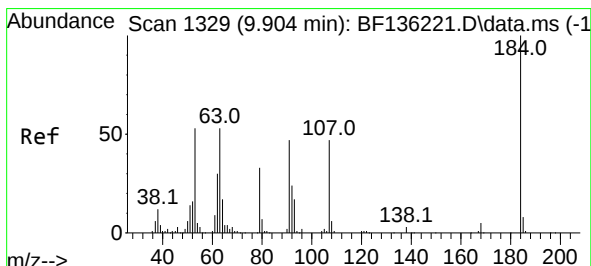
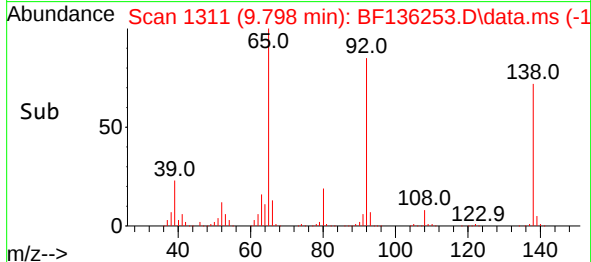
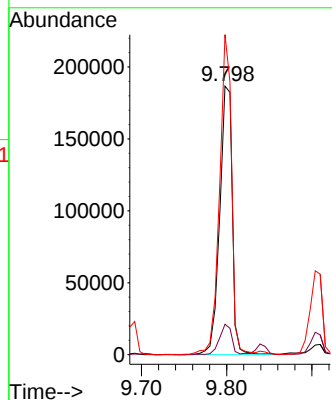
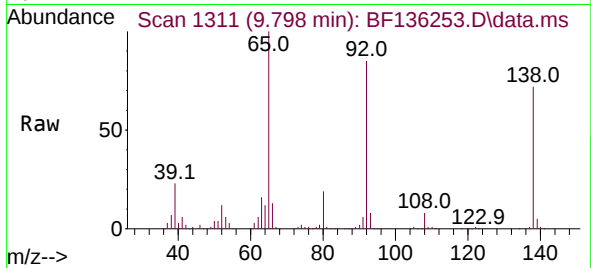




#53
3-Nitroaniline
Concen: 38.847 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

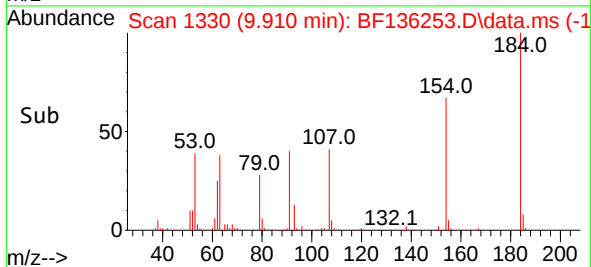
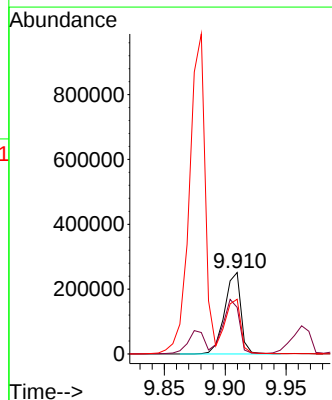
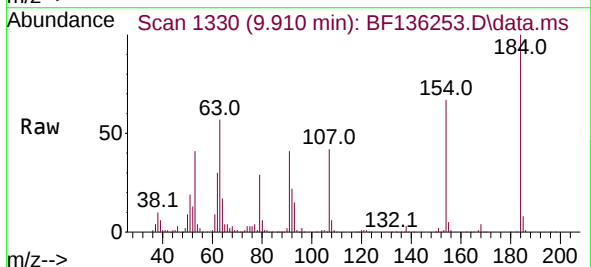
Instrument :
BNA_F
ClientSampleId :
PB157378BS

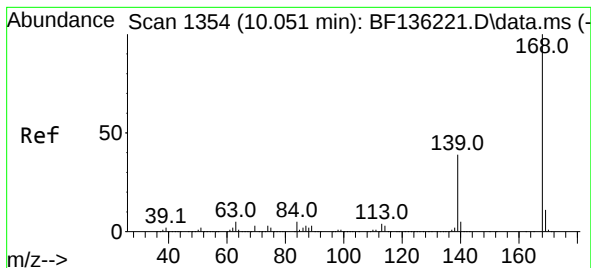
Tgt Ion:138 Resp: 191992
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 119.1 94.2 141.4



#54
2,4-Dinitrophenol
Concen: 101.346 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:184 Resp: 234773
Ion Ratio Lower Upper
184 100
63 57.2 55.0 82.4
154 67.2 54.9 82.3





#55

Dibenzenofuran

Concen: 44.998 ng

RT: 10.051 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

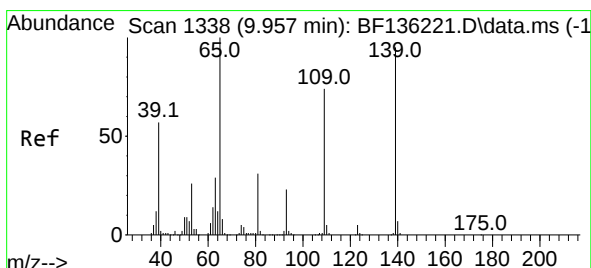
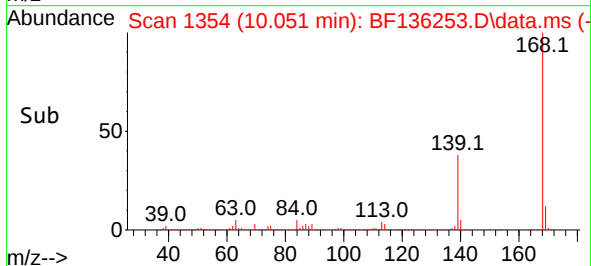
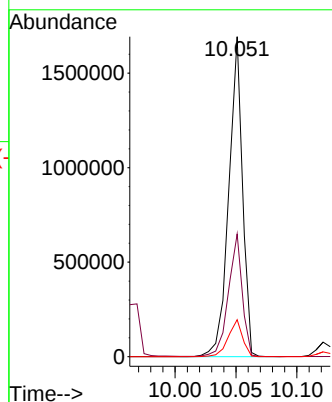
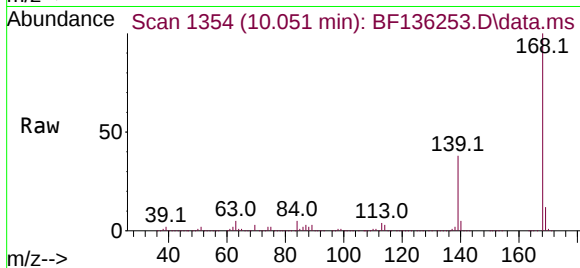
Tgt Ion:168 Resp: 1333994

Ion Ratio Lower Upper

168 100

139 38.4 30.9 46.3

169 11.6 9.1 13.7



#56

4-Nitrophenol

Concen: 83.900 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.012 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

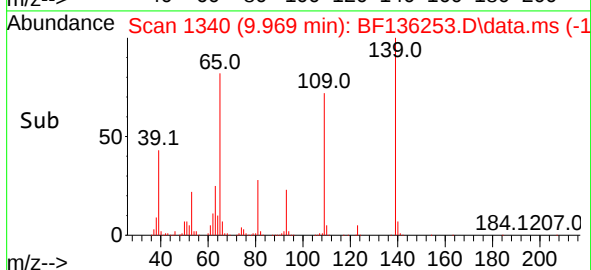
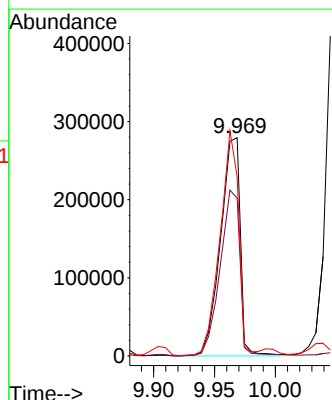
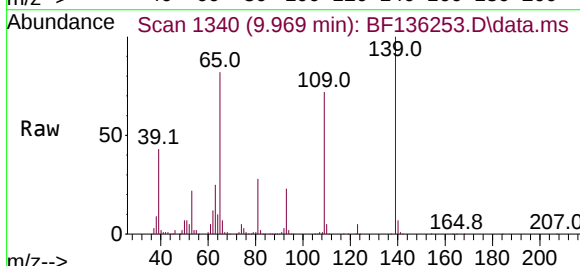
Tgt Ion:139 Resp: 314927

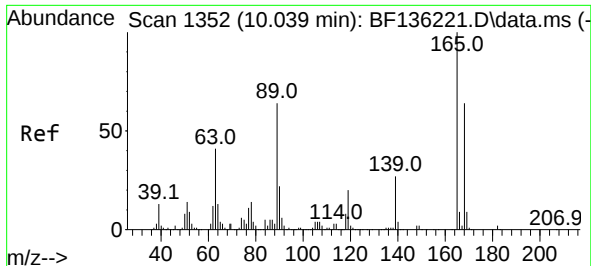
Ion Ratio Lower Upper

139 100

109 72.3 57.8 97.8

65 82.0 86.0 126.0#

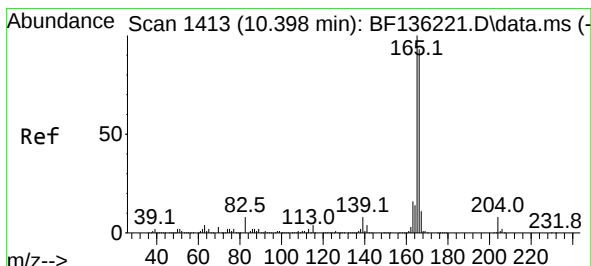
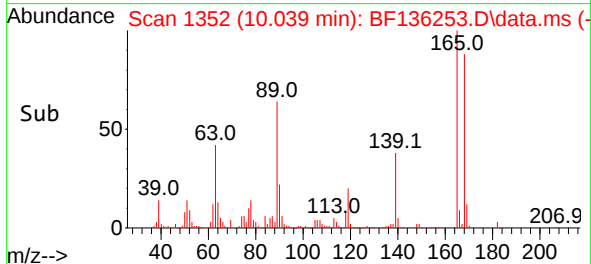
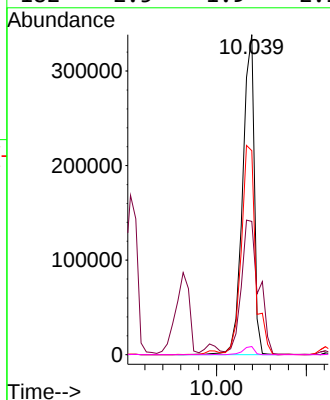
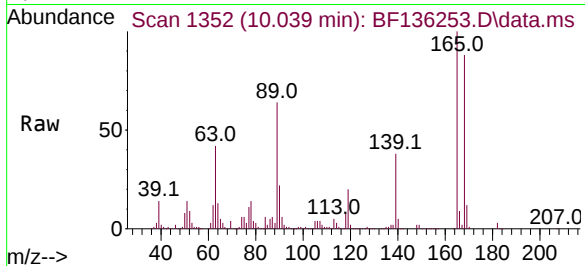




#57
2,4-Dinitrotoluene
Concen: 45.826 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

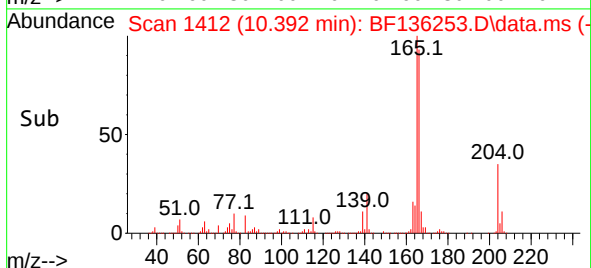
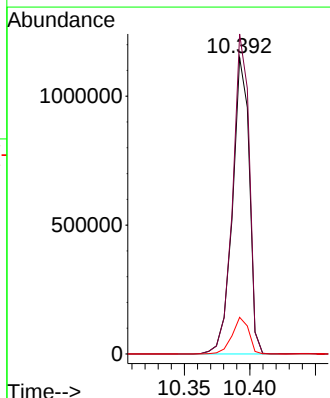
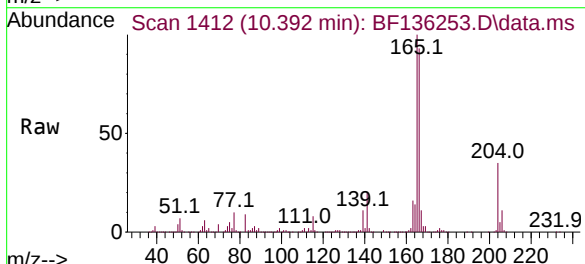
Instrument :
BNA_F
ClientSampleId :
PB157378BS

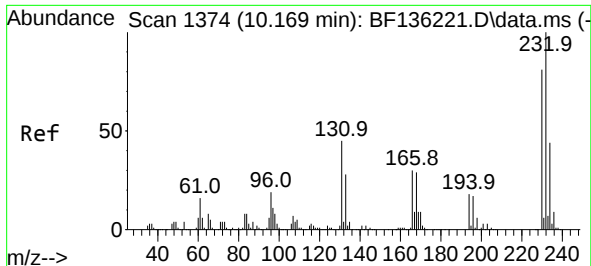
Tgt Ion	165	Resp: 304894	
	Ratio	Lower	Upper
165	100		
63	41.7	33.0	49.4
89	63.8	51.5	77.3
182	2.5	1.9	2.9



#58
Fluorene
Concen: 44.058 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:166	Resp: 1024509		
Ion	Ratio	Lower	Upper
166	100		
165	108.0	86.2	129.4
167	12.3	9.1	13.7

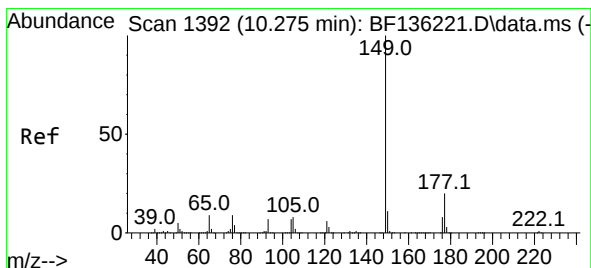
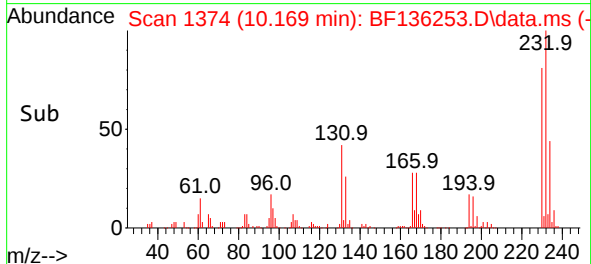
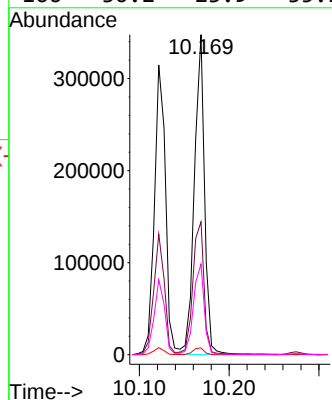
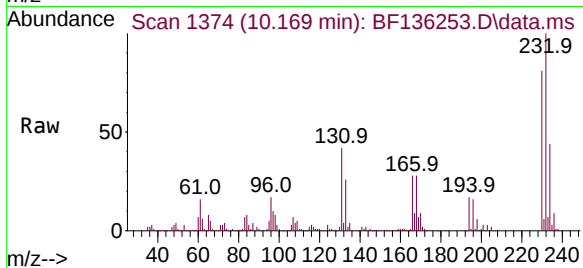




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.255 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

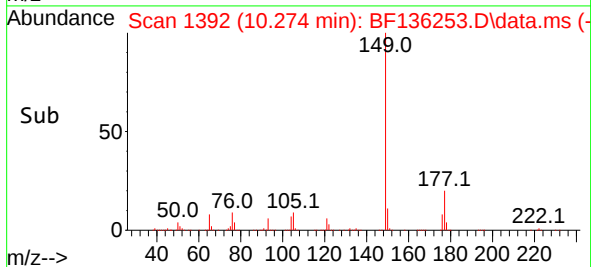
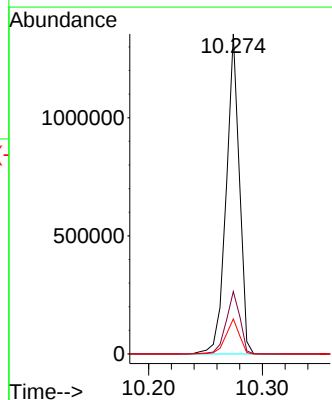
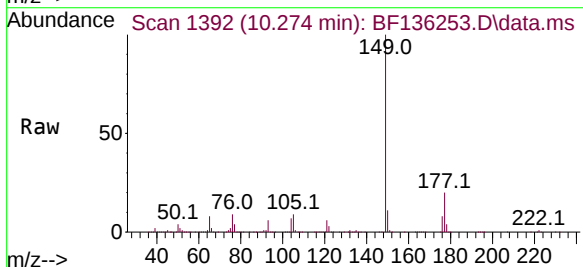
Instrument :
BNA_F
ClientSampleId :
PB157378BS

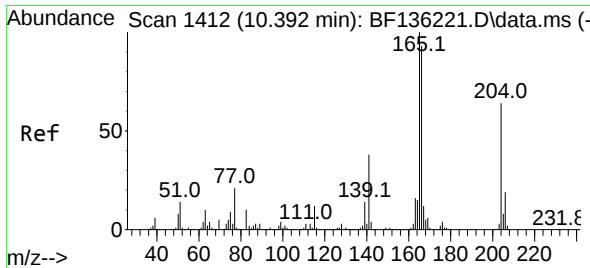
Tgt Ion:232 Resp: 273405
Ion Ratio Lower Upper
232 100
131 45.4 36.4 54.6
130 2.3 1.9 2.9
166 30.2 23.9 35.9



#60
Diethylphthalate
Concen: 44.839 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:149 Resp: 1093572
Ion Ratio Lower Upper
149 100
177 19.5 15.8 23.6
150 11.0 8.8 13.2

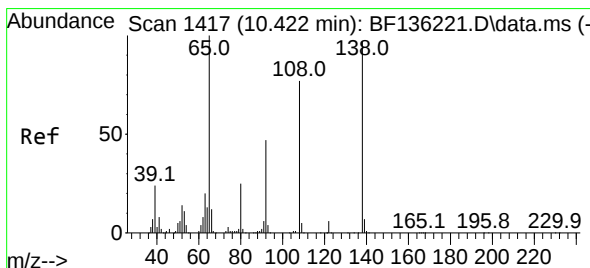
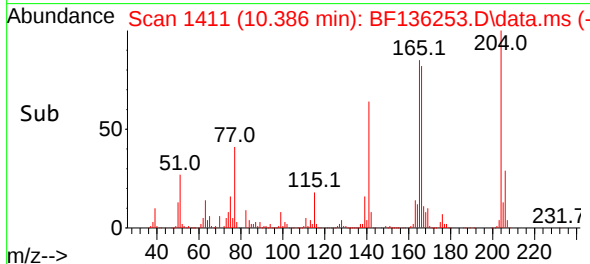
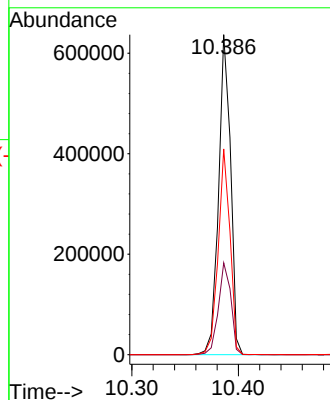
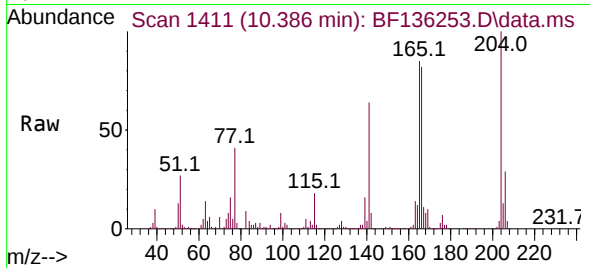




#61
4-Chlorophenyl-phenylether
Concen: 44.024 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

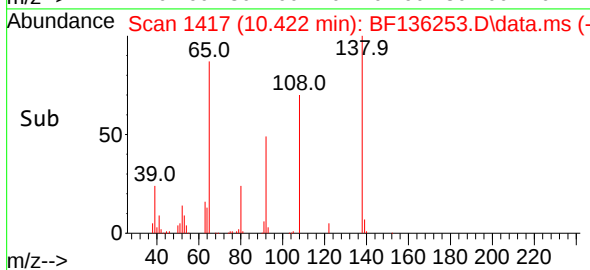
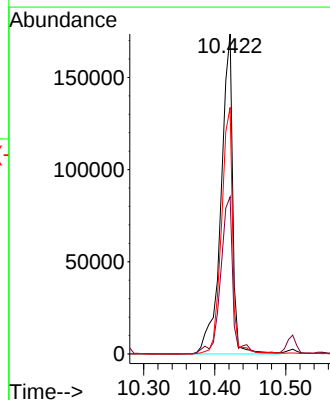
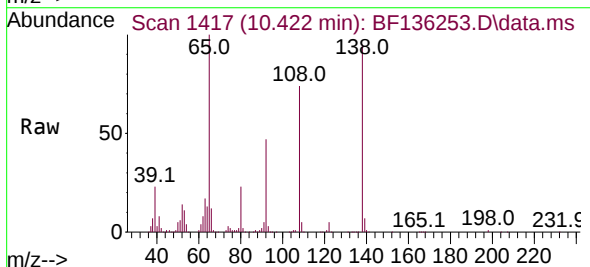
Instrument :
BNA_F
ClientSampleId :
PB157378BS

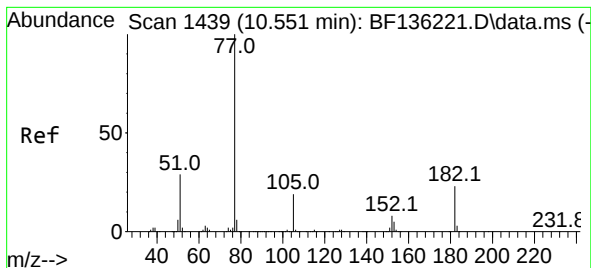
Tgt Ion:204 Resp: 497157
Ion Ratio Lower Upper
204 100
206 28.7 23.4 35.0
141 64.3 47.6 71.4



#62
4-Nitroaniline
Concen: 40.978 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:138 Resp: 198239
Ion Ratio Lower Upper
138 100
92 49.1 28.5 68.5
108 77.0 59.8 99.8





#63

Azobenzene

Concen: 44.288 ng

RT: 10.551 min Scan# 1439

Delta R.T. -0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

Tgt Ion: 77 Resp: 1001358

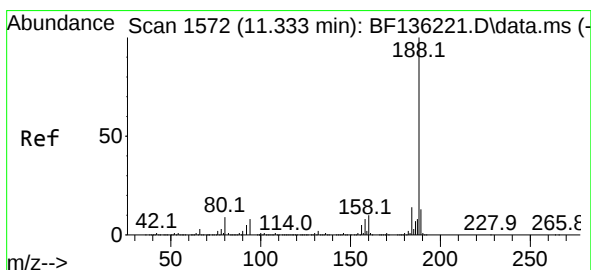
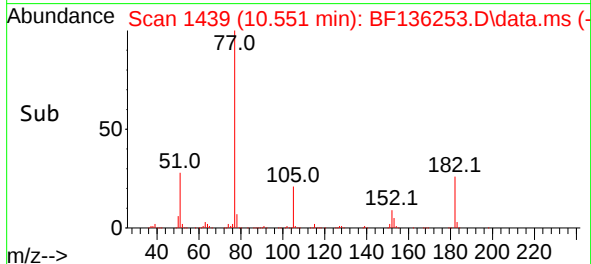
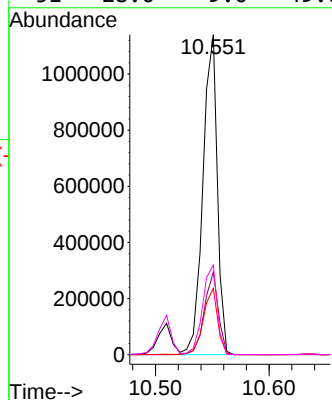
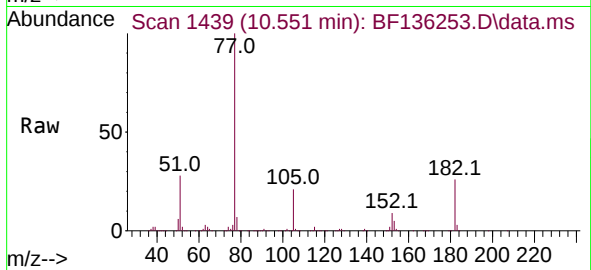
Ion Ratio Lower Upper

77 100

182 25.8 3.3 43.3

105 20.8 0.0 39.5

51 28.0 9.0 49.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

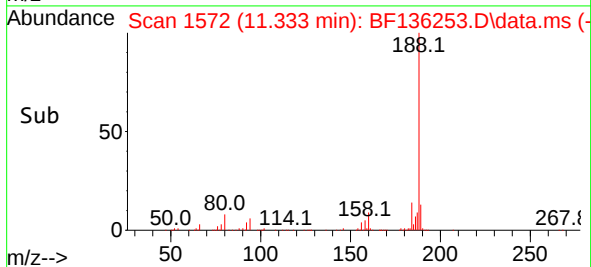
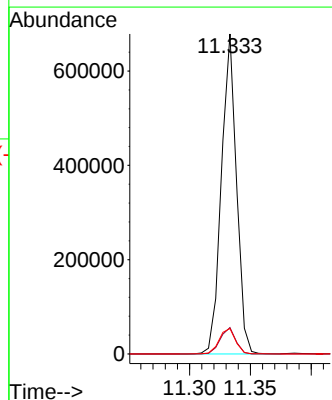
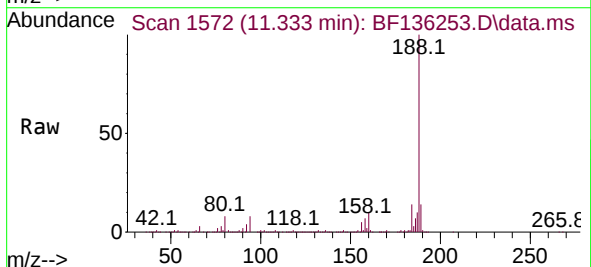
Tgt Ion:188 Resp: 587407

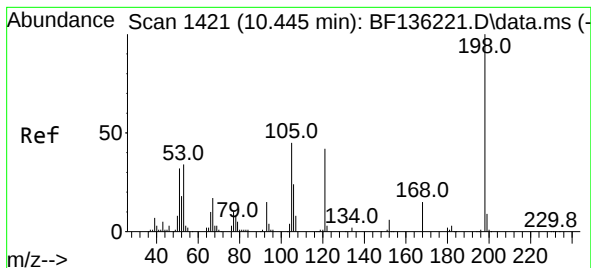
Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 7.9 7.2 10.8

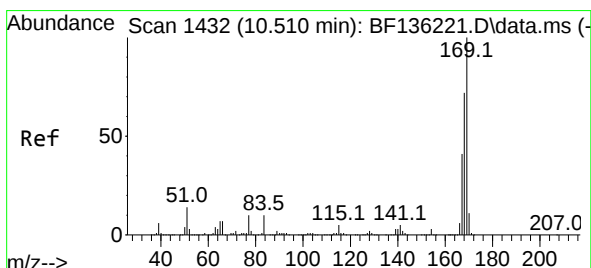
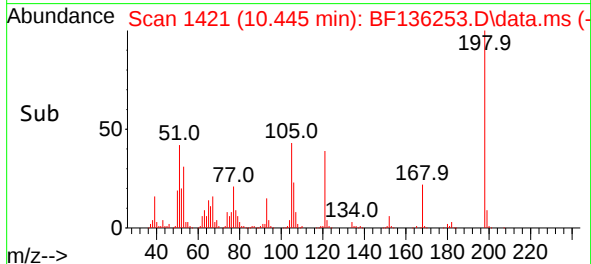
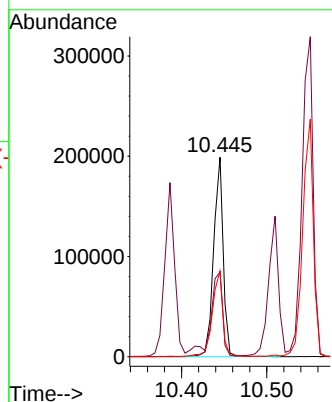
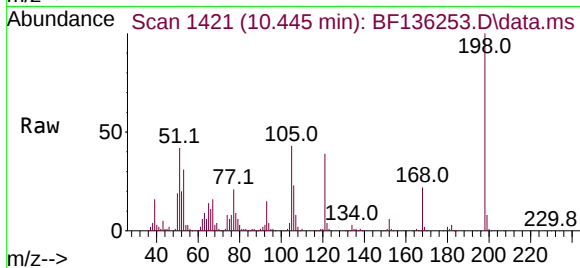




#65
4,6-Dinitro-2-methylphenol
Concen: 48.597 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

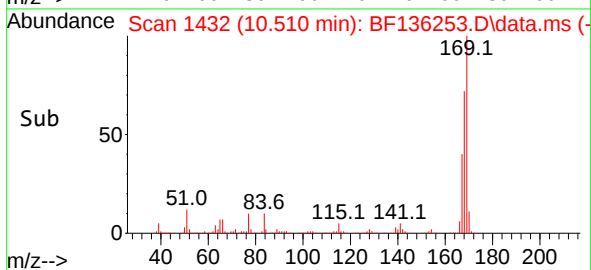
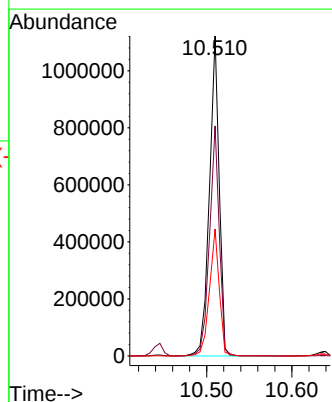
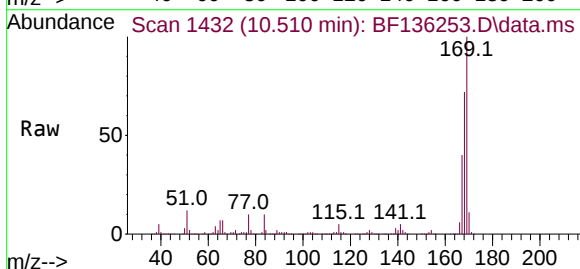
Instrument :
BNA_F
ClientSampleId :
PB157378BS

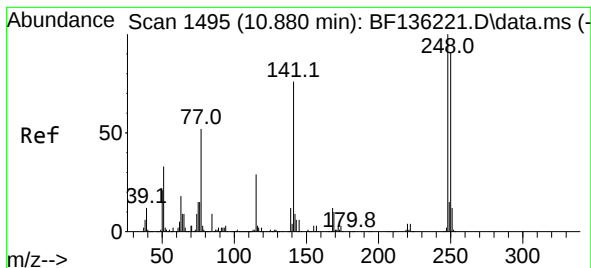
Tgt Ion:198 Resp: 156103
Ion Ratio Lower Upper
198 100
51 42.3 28.2 68.2
105 42.9 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 47.708 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:169 Resp: 898074
Ion Ratio Lower Upper
169 100
168 71.9 57.8 86.6
167 39.7 32.7 49.1

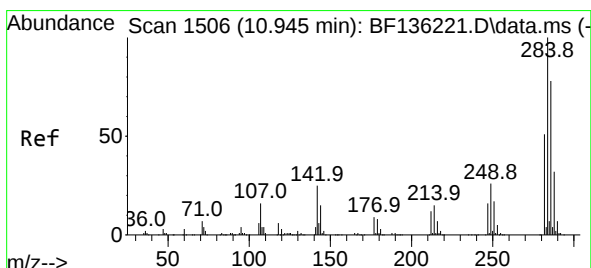
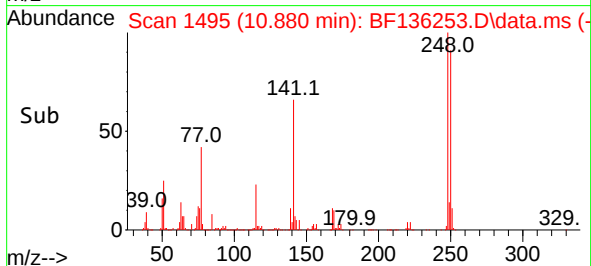
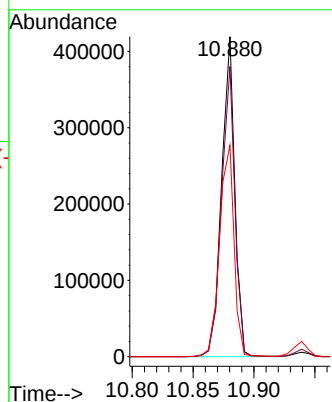
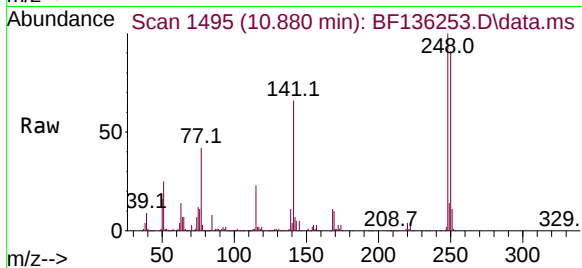




#67
4-Bromophenyl-phenylether
Concen: 46.429 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

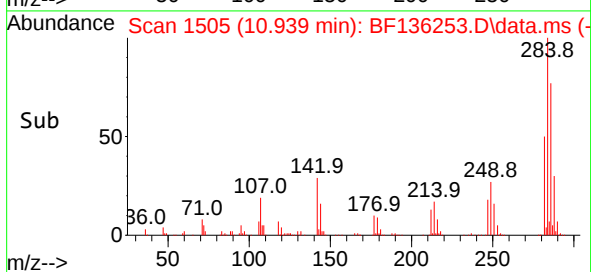
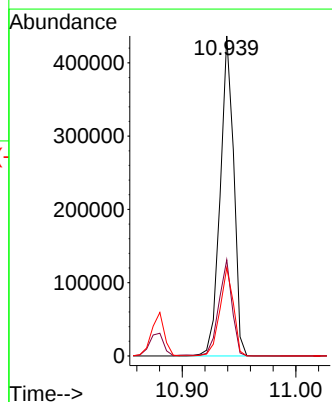
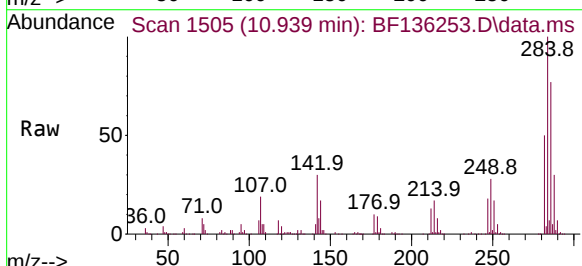
Instrument :
BNA_F
ClientSampleId :
PB157378BS

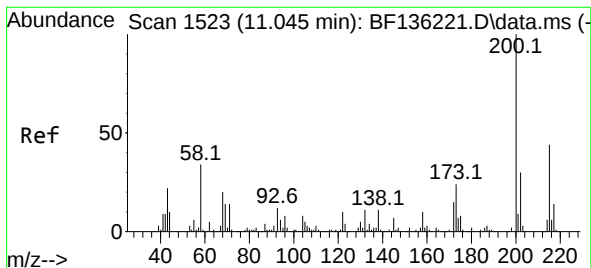
Tgt Ion:248 Resp: 318177
Ion Ratio Lower Upper
248 100
250 90.7 72.5 108.7
141 66.1 60.8 91.2



#68
Hexachlorobenzene
Concen: 45.503 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:284 Resp: 360909
Ion Ratio Lower Upper
284 100
142 30.1 19.8 29.8#
249 27.5 21.0 31.4





#69

Atrazine

Concen: 30.691 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

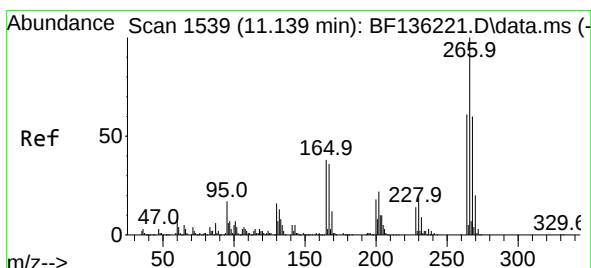
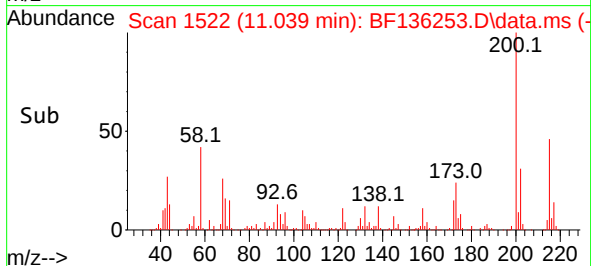
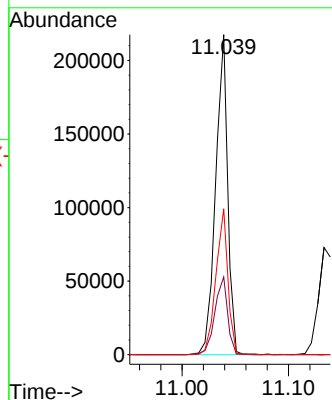
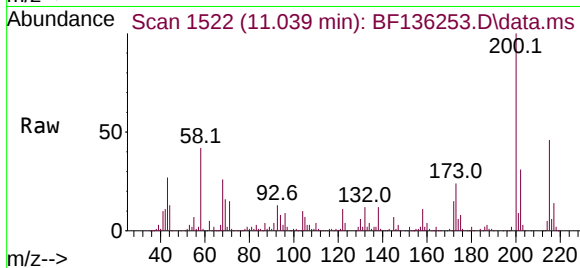
Tgt Ion:200 Resp: 171385

Ion Ratio Lower Upper

200 100

173 24.3 4.3 44.3

215 45.6 23.8 63.8



#70

Pentachlorophenol

Concen: 82.697 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.000 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

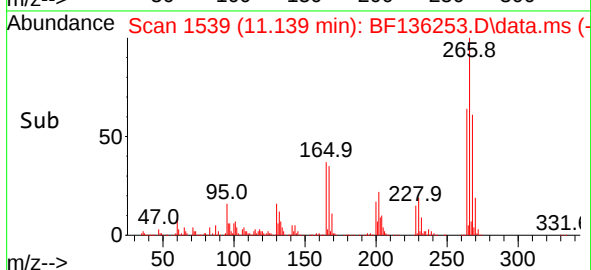
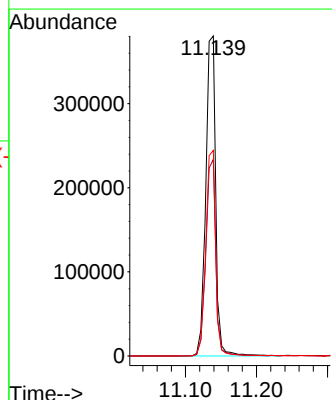
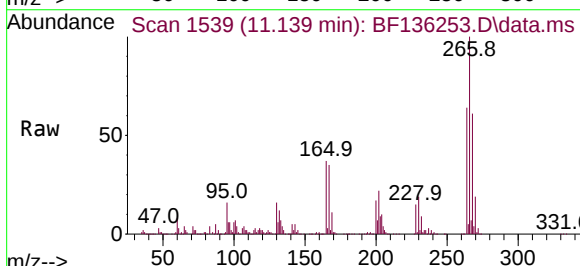
Tgt Ion:266 Resp: 370760

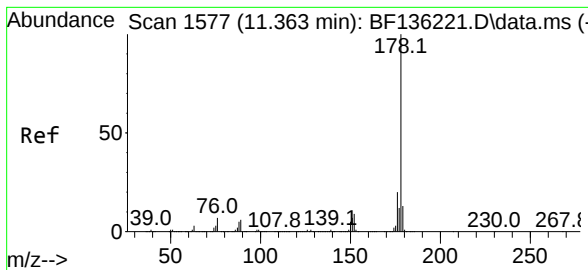
Ion Ratio Lower Upper

266 100

268 61.4 47.9 71.9

264 64.2 49.1 73.7



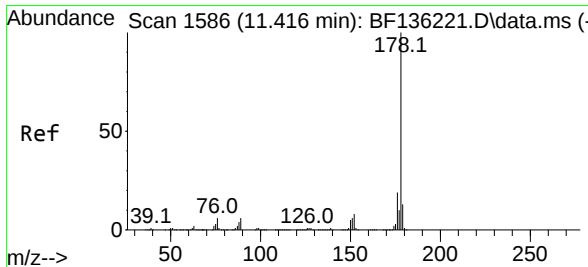
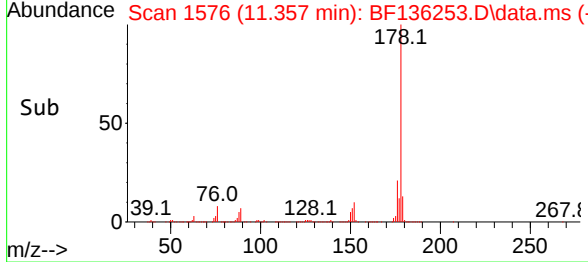
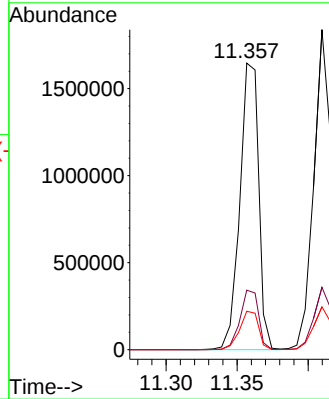
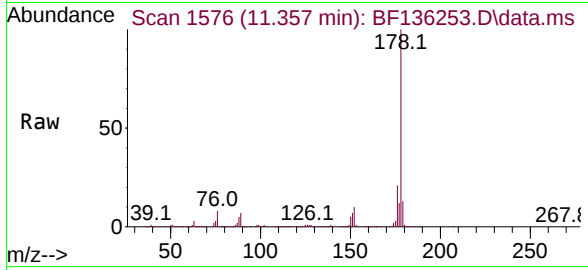


#71
 Phenanthrene
 Concen: 46.191 ng
 RT: 11.357 min Scan# 1576
 Delta R.T. -0.006 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

Tgt Ion:178 Resp: 1525006

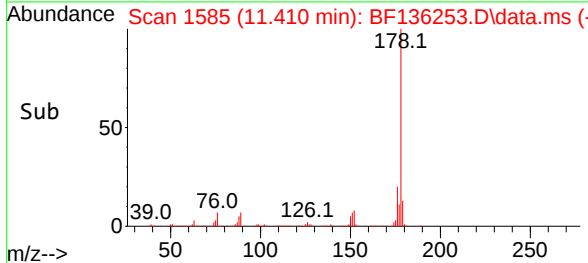
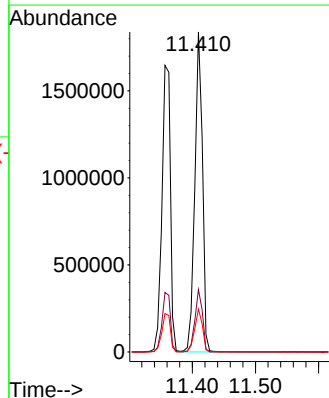
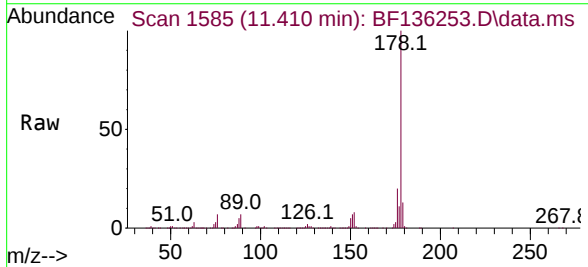
Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.2
179	13.4	10.3	15.5

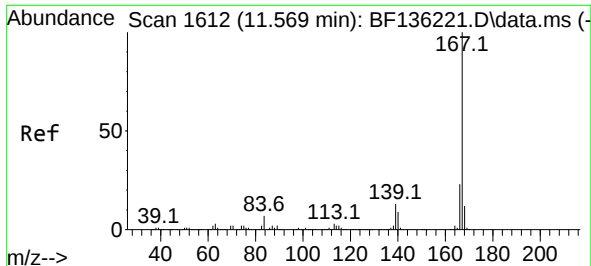


#72
 Anthracene
 Concen: 46.841 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. -0.006 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

Tgt Ion:178 Resp: 1550825

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	13.4	10.5	15.7

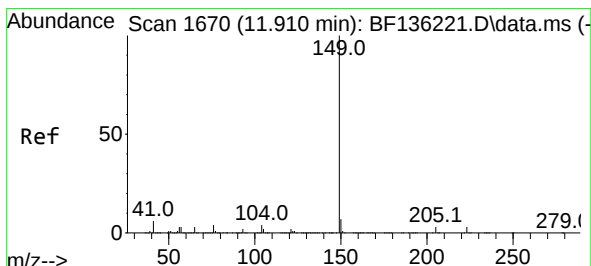
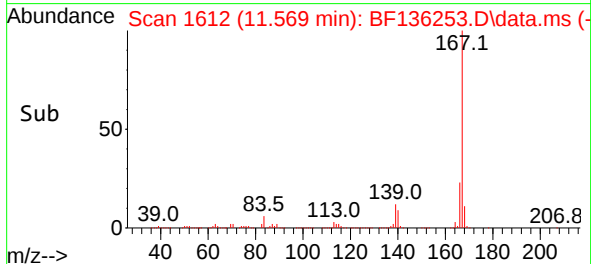
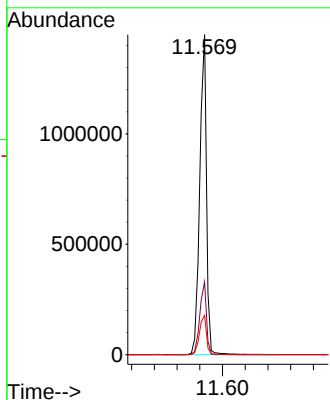
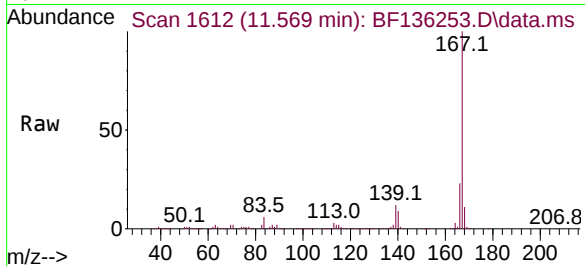




#73
 Carbazole
 Concen: 42.621 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

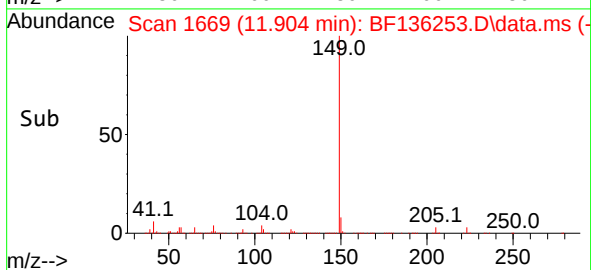
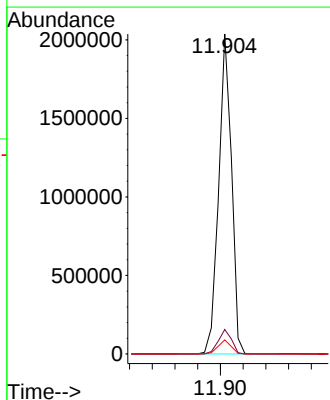
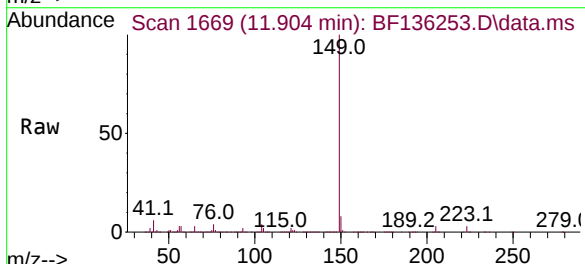
Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

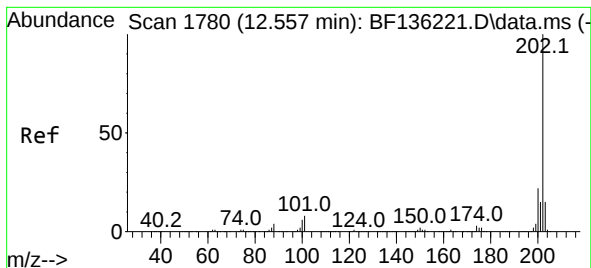
Tgt Ion:167 Resp: 1200164
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.4 27.6
 139 12.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 45.414 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

Tgt Ion:149 Resp: 1600047
 Ion Ratio Lower Upper
 149 100
 150 7.7 6.0 9.0
 104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 41.118 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

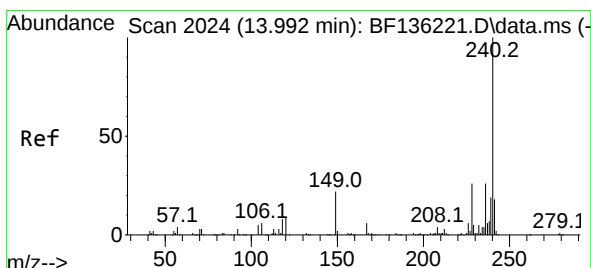
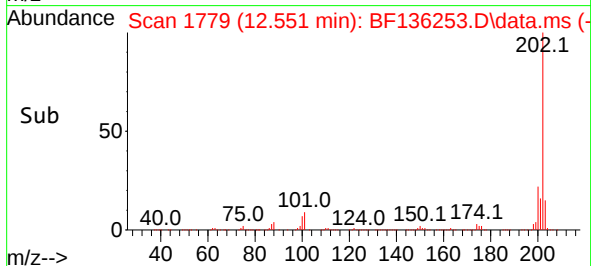
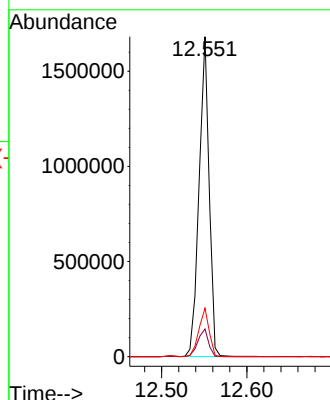
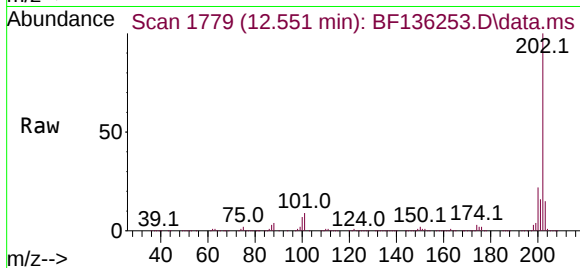
Tgt Ion:202 Resp: 1378107

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.8

203 15.2 0.0 34.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

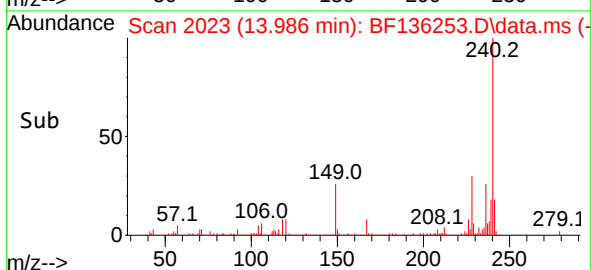
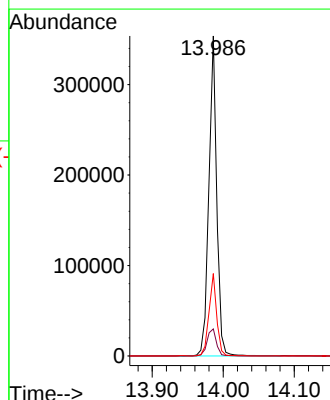
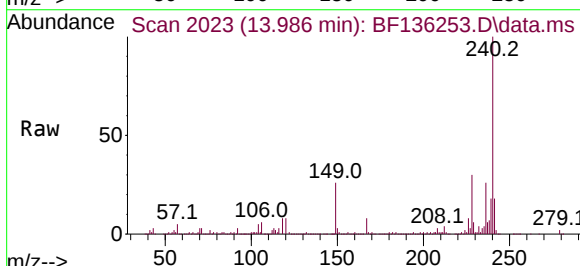
Tgt Ion:240 Resp: 273930

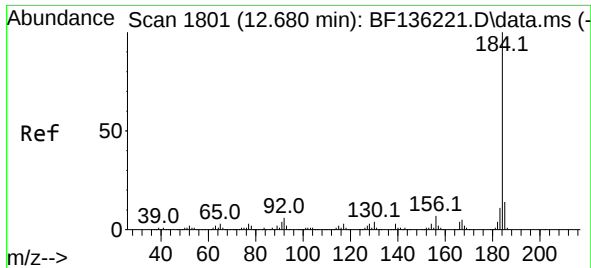
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.2

236 25.8 21.1 31.7

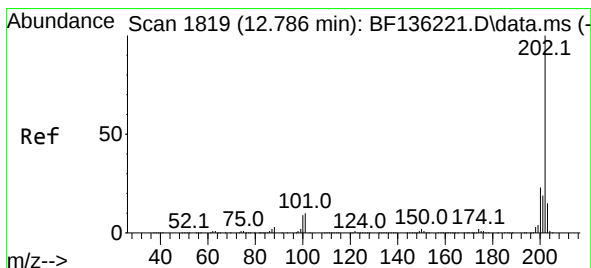
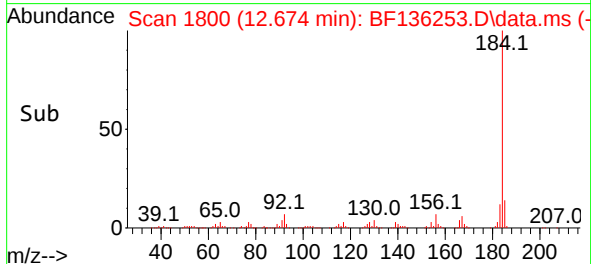
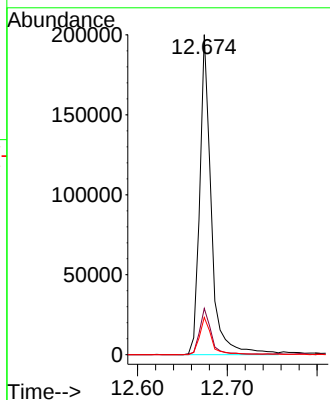
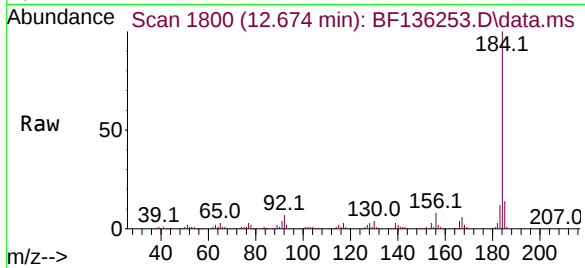




#77
Benzidine
Concen: 39.668 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

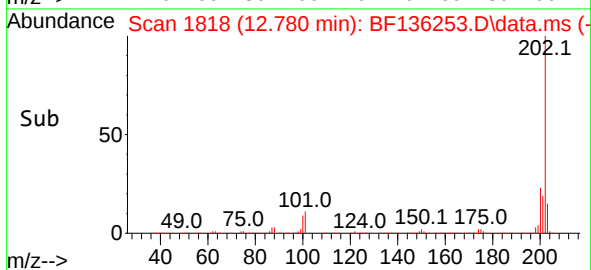
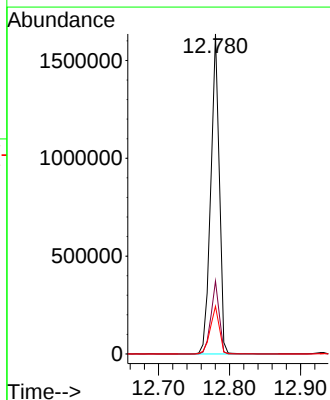
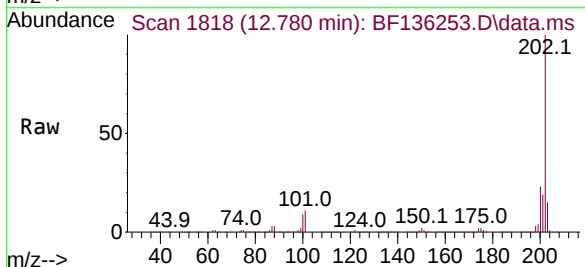
Instrument :
BNA_F
ClientSampleId :
PB157378BS

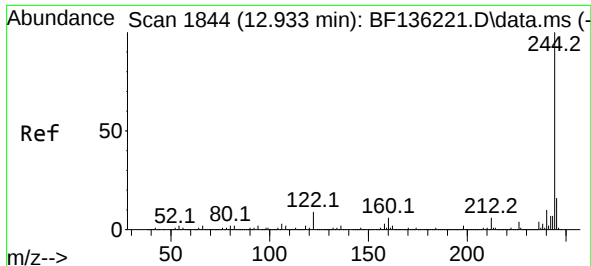
Tgt Ion:184 Resp: 178622
Ion Ratio Lower Upper
184 100
185 14.4 11.0 16.6
183 11.7 9.0 13.4



#78
Pyrene
Concen: 45.649 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:202 Resp: 1369474
Ion Ratio Lower Upper
202 100
200 22.8 18.4 27.6
203 14.9 11.8 17.6

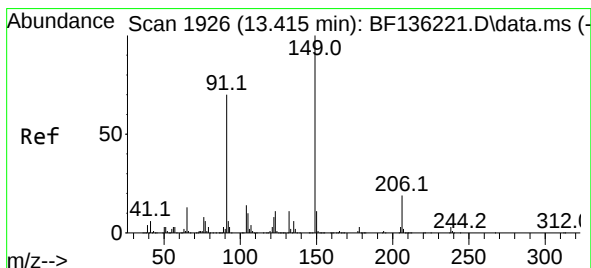
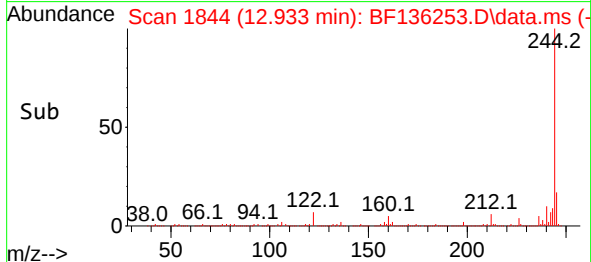
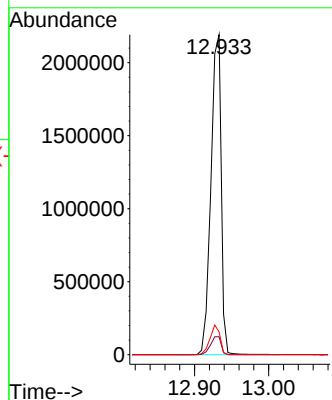
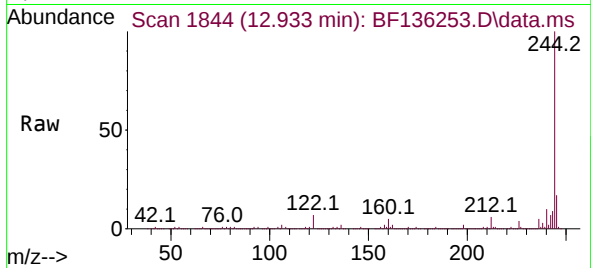




#79
 Terphenyl-d14
 Concen: 88.776 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

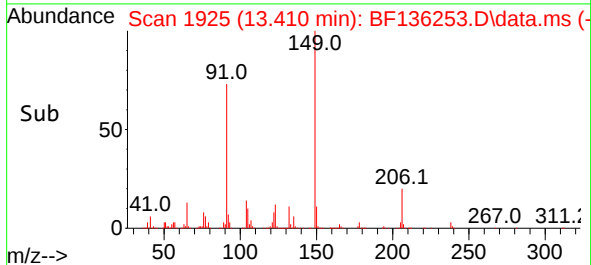
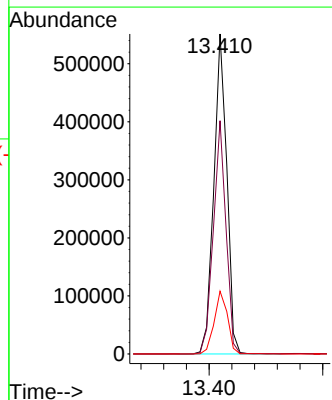
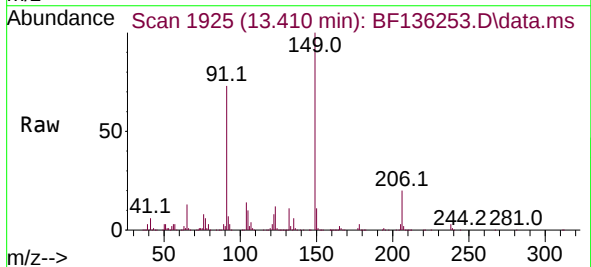
Instrument :
 BNA_F
 ClientSampleId :
 PB157378BS

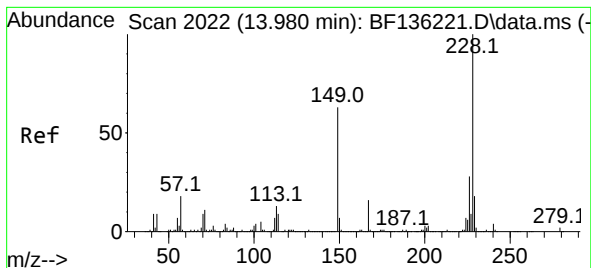
Tgt Ion:244 Resp: 2108239
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 7.2 7.3 10.9#



#80
 Butylbenzylphthalate
 Concen: 46.769 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136253.D
 Acq: 28 Nov 2023 17:17

Tgt Ion:149 Resp: 436667
 Ion Ratio Lower Upper
 149 100
 91 72.9 56.4 84.6
 206 19.6 14.8 22.2





#81

Benzo(a)anthracene

Concen: 45.352 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

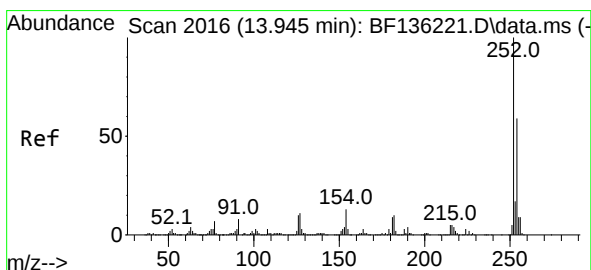
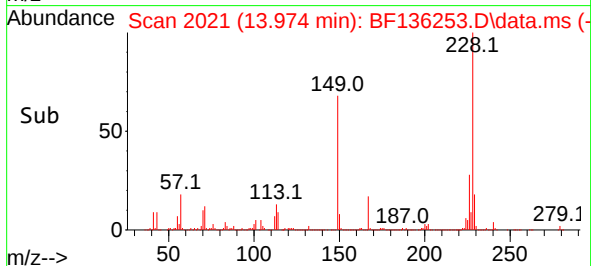
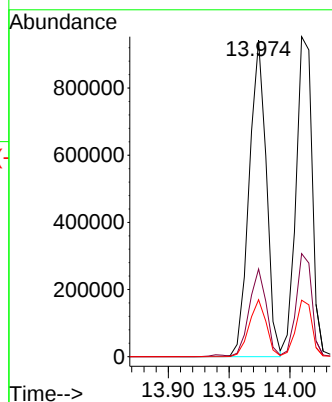
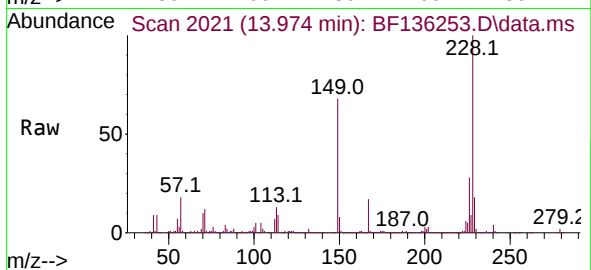
Tgt Ion:228 Resp: 922752

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

229 18.0 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 56.209 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

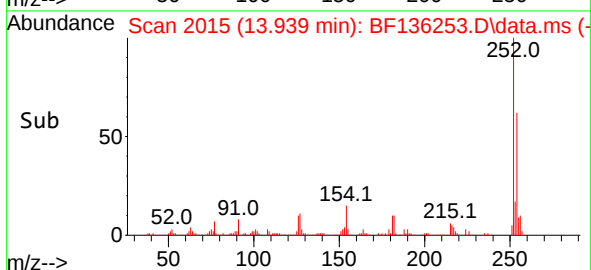
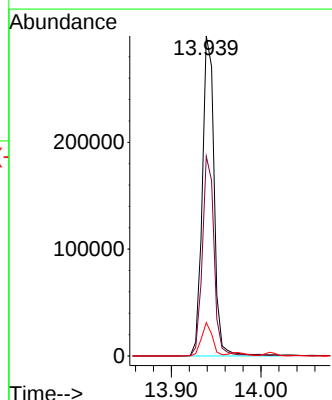
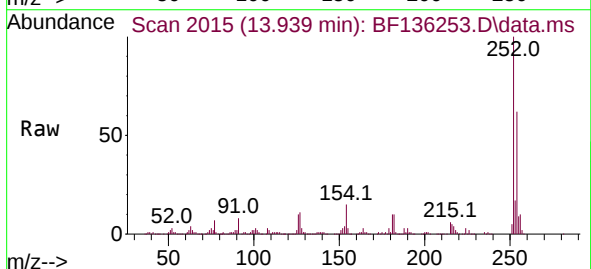
Tgt Ion:252 Resp: 275296

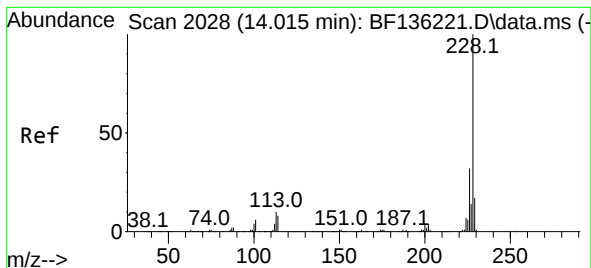
Ion Ratio Lower Upper

252 100

254 62.4 47.4 71.2

126 10.4 8.3 12.5





#83

Chrysene

Concen: 44.966 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

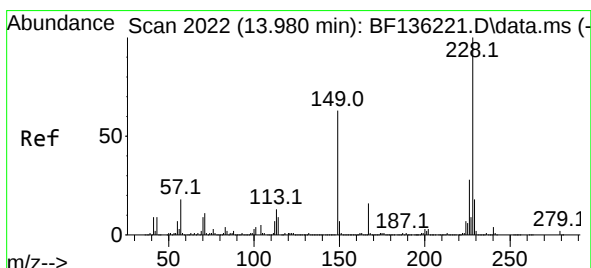
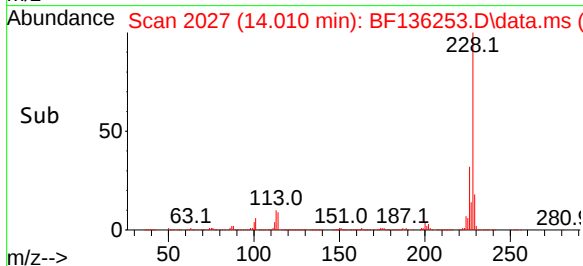
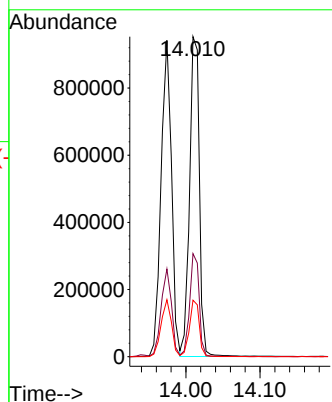
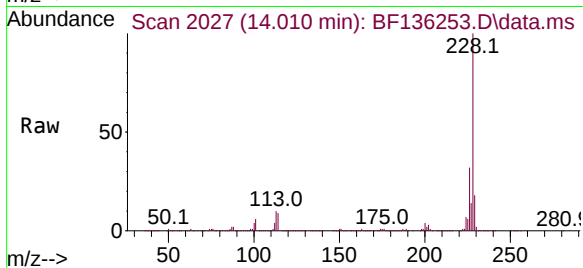
Tgt Ion:228 Resp: 883377

Ion Ratio Lower Upper

228 100

226 32.2 25.5 38.3

229 17.6 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.508 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

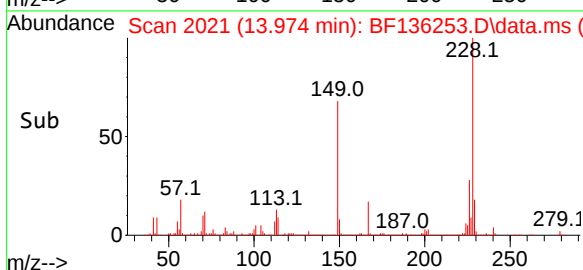
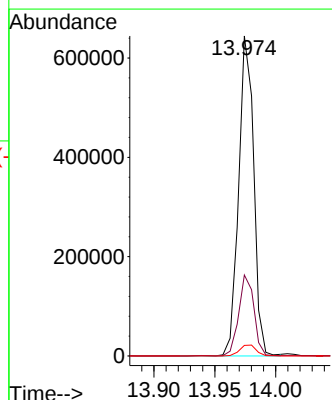
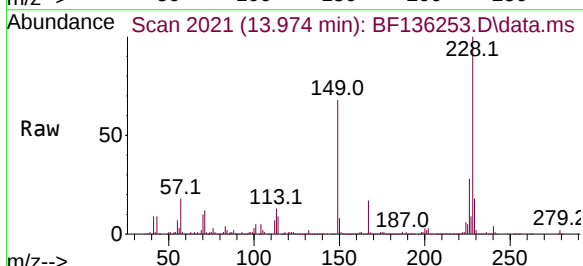
Tgt Ion:149 Resp: 554753

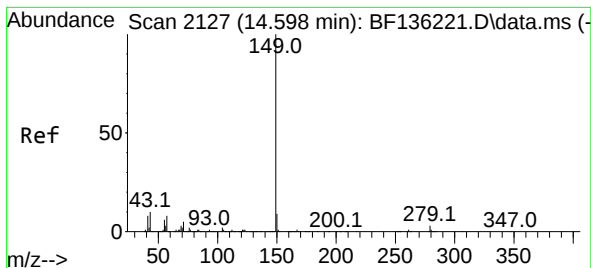
Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.2

279 3.3 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 52.196 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

Instrument :

BNA_F

ClientSampleId :

PB157378BS

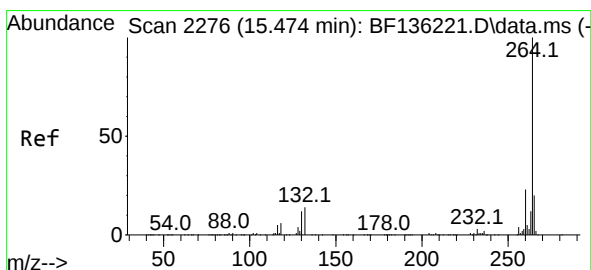
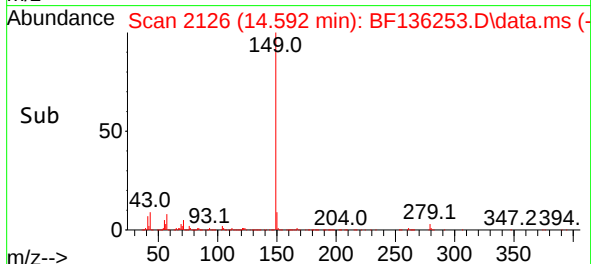
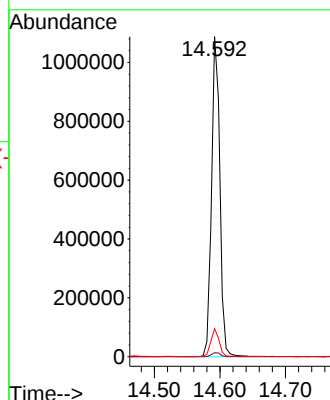
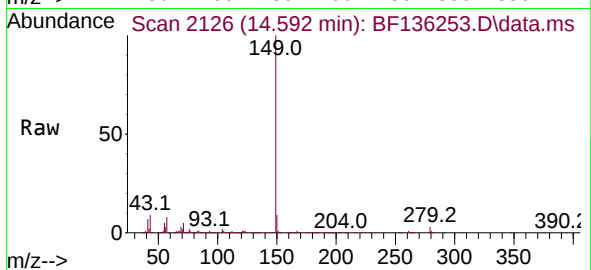
Tgt Ion:149 Resp: 959099

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

43 8.7 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF136253.D

Acq: 28 Nov 2023 17:17

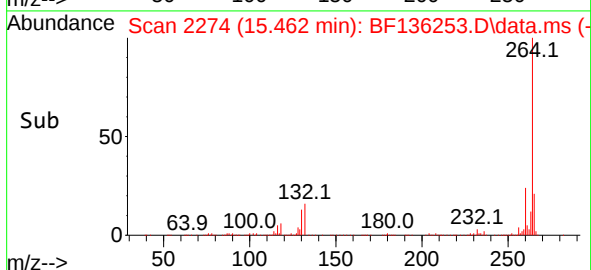
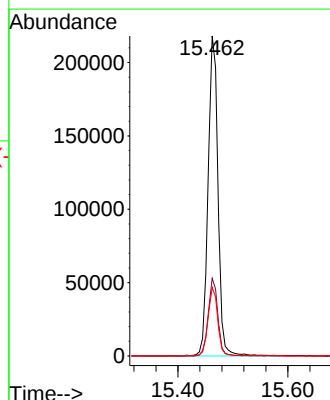
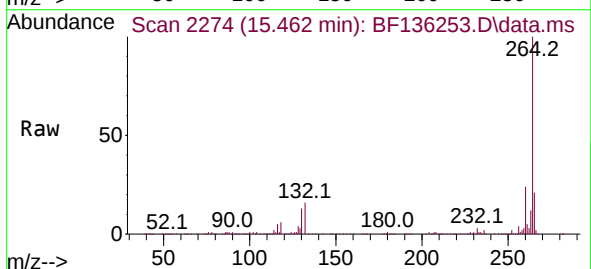
Tgt Ion:264 Resp: 271708

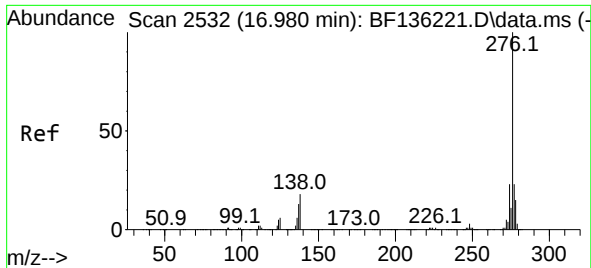
Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 21.4 15.7 23.5

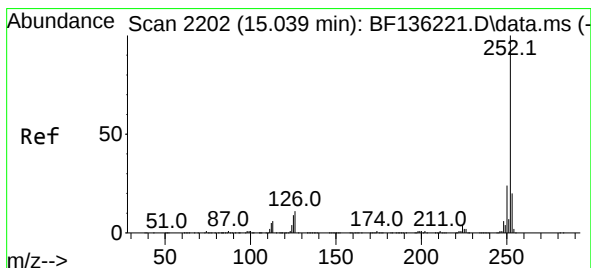
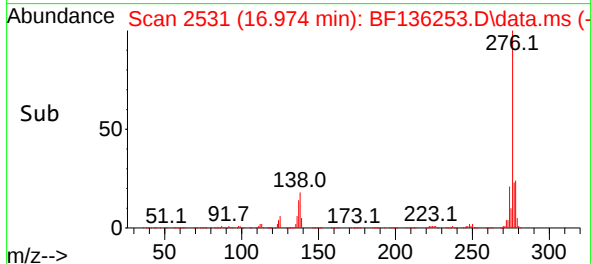
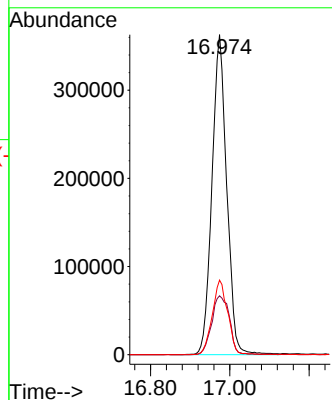
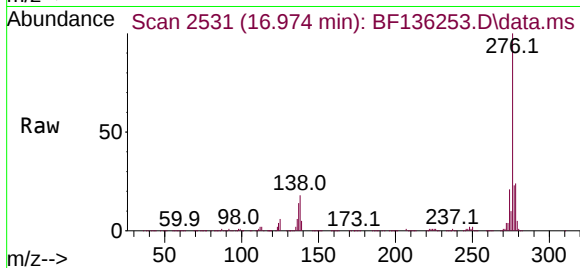




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.251 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

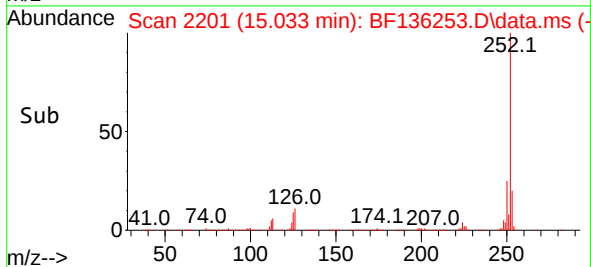
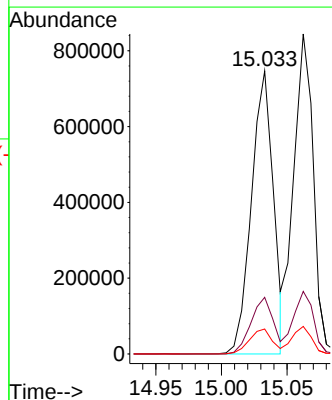
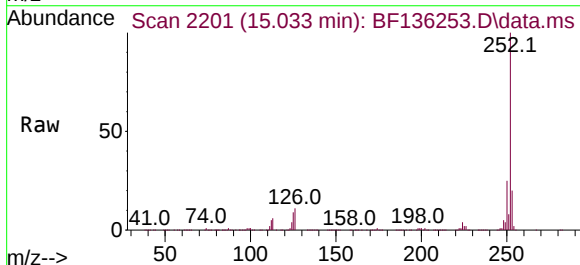
Instrument :
BNA_F
ClientSampleId :
PB157378BS

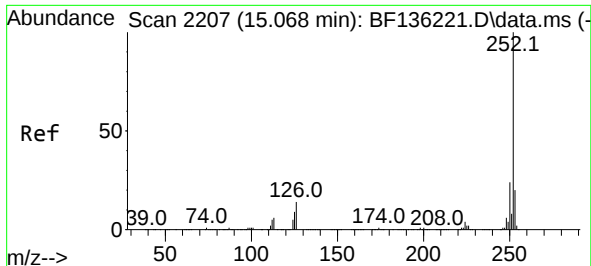
Tgt Ion:276 Resp: 937247
Ion Ratio Lower Upper
276 100
138 22.1 17.7 26.5
277 24.5 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 45.502 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:252 Resp: 867389
Ion Ratio Lower Upper
252 100
253 20.0 16.2 24.2
125 8.8 6.9 10.3

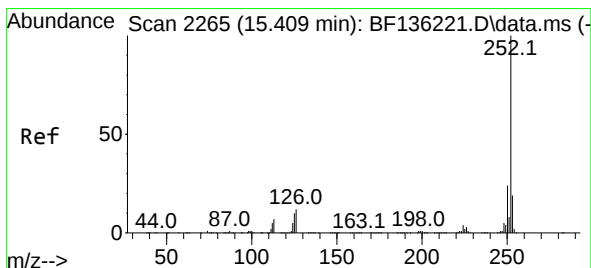
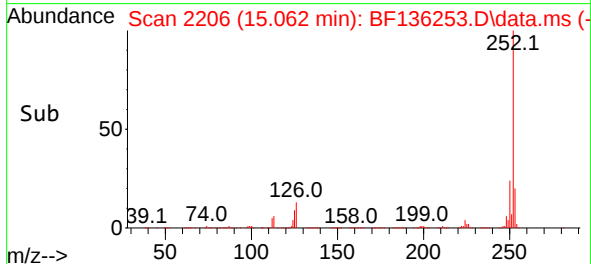
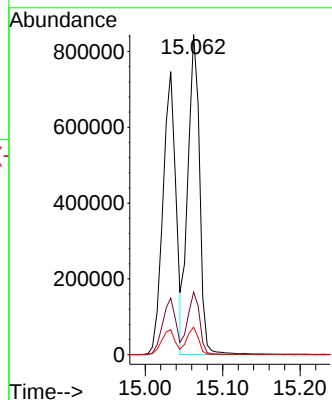
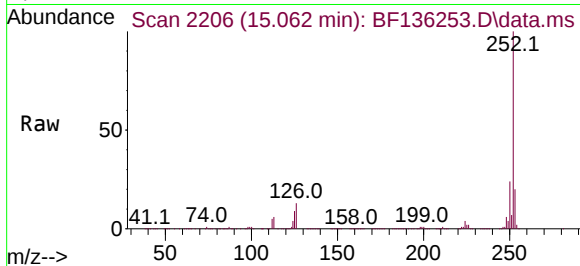




#89
Benzo(k)fluoranthene
Concen: 48.980 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

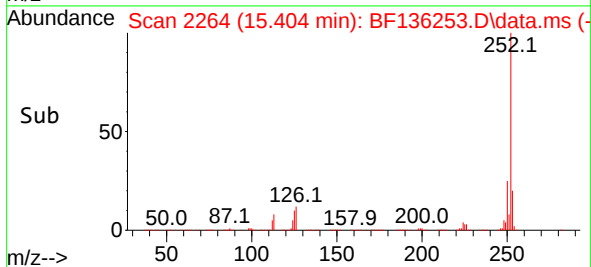
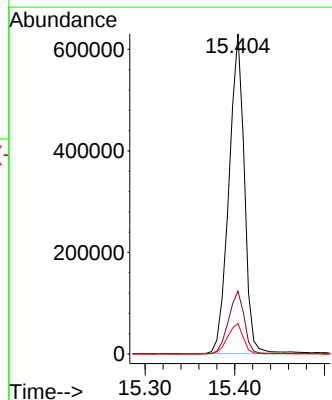
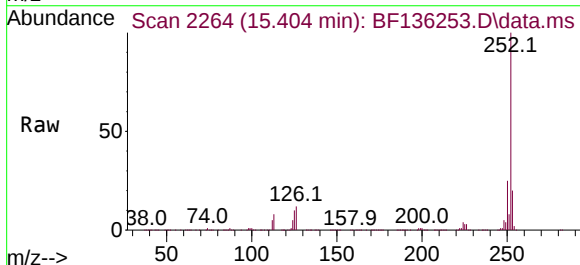
Instrument :
BNA_F
ClientSampleId :
PB157378BS

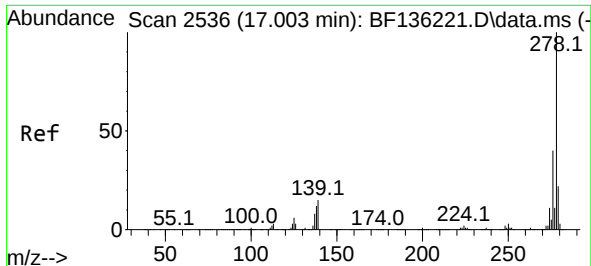
Tgt Ion:252 Resp: 886773
Ion Ratio Lower Upper
252 100
253 19.6 15.6 23.4
125 8.6 7.0 10.4



#90
Benzo(a)pyrene
Concen: 48.184 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:252 Resp: 750862
Ion Ratio Lower Upper
252 100
253 19.7 15.5 23.3
125 9.5 7.9 11.9

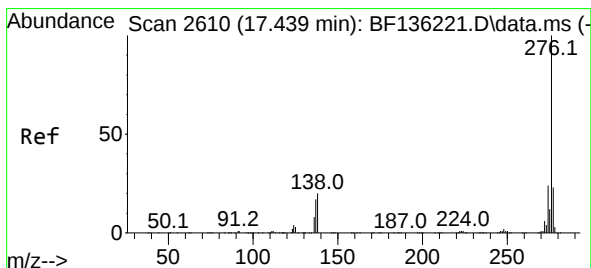
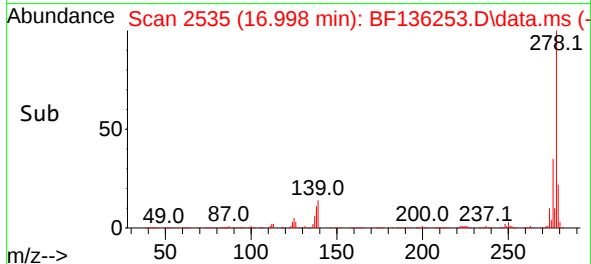
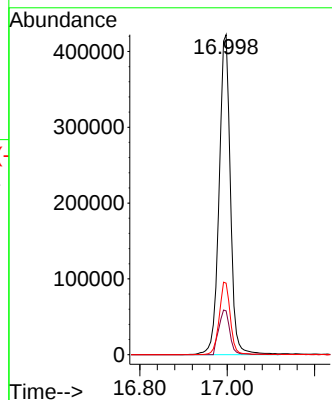
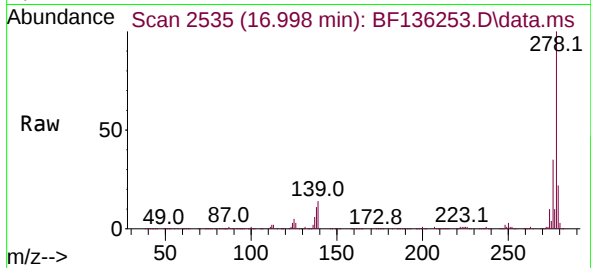




#91
Dibenzo(a,h)anthracene
Concen: 46.403 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Instrument :
BNA_F
ClientSampleId :
PB157378BS

Tgt Ion:278 Resp: 754830
Ion Ratio Lower Upper
278 100
139 13.7 11.7 17.5
279 22.4 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 45.459 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136253.D
Acq: 28 Nov 2023 17:17

Tgt Ion:276 Resp: 741851
Ion Ratio Lower Upper
276 100
277 22.5 18.6 27.8
138 18.3 15.8 23.8

