

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136281.D
 Acq On : 29 Nov 2023 13:53
 Operator : CG\JU
 Sample : PB157023BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157023BSD

Quant Time: Nov 29 14:14:31 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	154385	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	682627	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	348330	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	662266	20.000	ng	0.00
76) Chrysene-d12	13.986	240	292742	20.000	ng	0.00
86) Perylene-d12	15.468	264	272293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1301285	117.317	ng	0.02
7) Phenol-d6	6.451	99	1570009	113.201	ng	0.00
23) Nitrobenzene-d5	7.375	82	954077	73.857	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	526717	123.682	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2008525	73.651	ng	0.00
79) Terphenyl-d14	12.933	244	2116492	83.396	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	128301	30.570	ng	98
3) Pyridine	3.446	79	321953	31.076	ng	95
4) n-Nitrosodimethylamine	3.410	42	194465	37.133	ng	93
6) Aniline	6.469	93	412486	31.466	ng	# 90
8) 2-Chlorophenol	6.593	128	493639	40.873	ng	96
9) Benzaldehyde	6.357	77	25224	3.263	ng	97
10) Phenol	6.463	94	601701	40.439	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	447237	40.973	ng	95
12) 1,3-Dichlorobenzene	6.746	146	515625	37.620	ng	98
13) 1,4-Dichlorobenzene	6.822	146	535155	38.408	ng	98
14) 1,2-Dichlorobenzene	6.975	146	502469	38.093	ng	98
15) Benzyl Alcohol	6.951	79	380183	39.098	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	604338	39.859	ng	98
17) 2-Methylphenol	7.063	107	388086	40.872	ng	99
18) Hexachloroethane	7.316	117	184916	37.836	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	338337	40.788	ng	97
20) 3+4-Methylphenols	7.216	107	488338	39.573	ng	93
22) Acetophenone	7.216	105	701512	39.129	ng	# 98
24) Nitrobenzene	7.393	77	493634	37.708	ng	94
25) Isophorone	7.628	82	917804	39.403	ng	99
26) 2-Nitrophenol	7.704	139	248412	44.537	ng	95
27) 2,4-Dimethylphenol	7.745	122	392635	53.482	ng	97
28) bis(2-Chloroethoxy)met...	7.840	93	560040	39.749	ng	99
29) 2,4-Dichlorophenol	7.945	162	405093	40.909	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	454526	37.491	ng	100
31) Naphthalene	8.110	128	1483088	38.653	ng	99
32) Benzoic acid	7.881	122	302764	45.251	ng	98
33) 4-Chloroaniline	8.157	127	317015	24.307	ng	98
34) Hexachlorobutadiene	8.222	225	256635	36.183	ng	99
35) Caprolactam	8.534	113	73454	26.535	ng	99
36) 4-Chloro-3-methylphenol	8.645	107	436612	40.654	ng	95
37) 2-Methylnaphthalene	8.798	142	921557	38.289	ng	99
38) 1-Methylnaphthalene	8.898	142	882972	37.606	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	444206	40.070	ng	99
41) Hexachlorocyclopentadiene	8.951	237	463569	108.677	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	294231	40.892	ng	92

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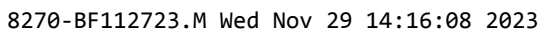
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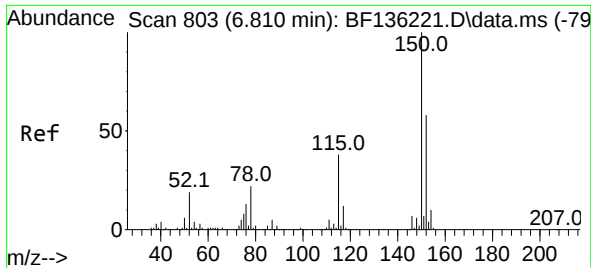
Quant Time: Nov 29 14:14:31 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	310607	39.557	ng	97
46) 1,1'-Biphenyl	9.269	154	1220995	39.749	ng	100
47) 2-Chloronaphthalene	9.292	162	922333	38.665	ng	99
48) 2-Nitroaniline	9.387	65	265969	42.705	ng	94
49) Acenaphthylene	9.704	152	1459248	42.866	ng	99
50) Dimethylphthalate	9.575	163	1091928	41.475	ng	100
51) 2,6-Dinitrotoluene	9.634	165	224444	41.730	ng	99
52) Acenaphthene	9.881	154	862128	40.075	ng	99
53) 3-Nitroaniline	9.804	138	176429	33.059	ng	93
54) 2,4-Dinitrophenol	9.910	184	248451	99.322	ng	98
55) Dibenzofuran	10.051	168	1296798	40.510	ng	99
56) 4-Nitrophenol	9.969	139	335287	82.721	ng	94
57) 2,4-Dinitrotoluene	10.039	165	307117	42.748	ng	94
58) Fluorene	10.398	166	1002066	39.907	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	267408	42.801	ng	99
60) Diethylphthalate	10.275	149	1066958	40.514	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	478207	39.216	ng	97
62) 4-Nitroaniline	10.422	138	204016	39.055	ng	97
63) Azobenzene	10.551	77	978726	40.087	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	161304	44.540	ng	99
66) n-Nitrosodiphenylamine	10.510	169	883091	41.610	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	307287	39.771	ng	98
68) Hexachlorobenzene	10.945	284	353194	39.497	ng	100
69) Atrazine	11.045	200	257404	40.885	ng	98
70) Pentachlorophenol	11.139	266	337323	66.735	ng	97
71) Phenanthrene	11.363	178	1547388	41.571	ng	99
72) Anthracene	11.416	178	1554449	41.644	ng	100
73) Carbazole	11.569	167	1254922	39.529	ng	99
74) Di-n-butylphthalate	11.904	149	1677121	42.221	ng	99
75) Fluoranthene	12.557	202	1462800	38.712	ng	100
77) Benzidine	12.675	184	106090	22.046	ng	99
78) Pyrene	12.786	202	1435978	44.790	ng	99
80) Butylbenzylphthalate	13.410	149	449660	45.065	ng	98
81) Benzo(a)anthracene	13.974	228	898237	41.310	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	232812	44.480	ng	98
83) Chrysene	14.016	228	845623	40.278	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	504463	42.127	ng	99
85) Di-n-octyl phthalate	14.598	149	813159	42.477	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	900599	44.458	ng	99
88) Benzo(b)fluoranthene	15.033	252	835703	43.746	ng	99
89) Benzo(k)fluoranthene	15.069	252	741418	40.863	ng	100
90) Benzo(a)pyrene	15.410	252	689907	44.177	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	751146	46.096	ng	98
92) Benzo(g,h,i)perylene	17.439	276	712585	43.651	ng	98

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

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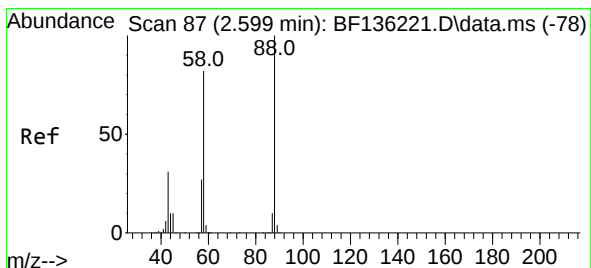
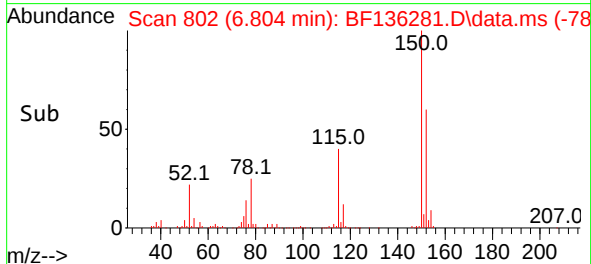
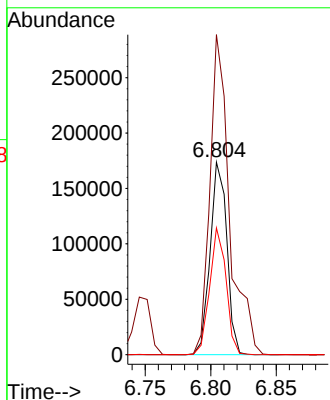
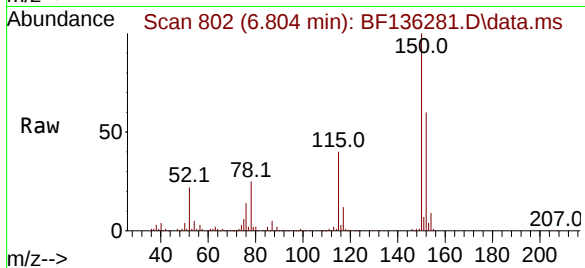




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

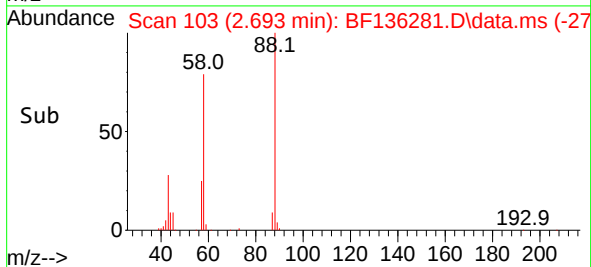
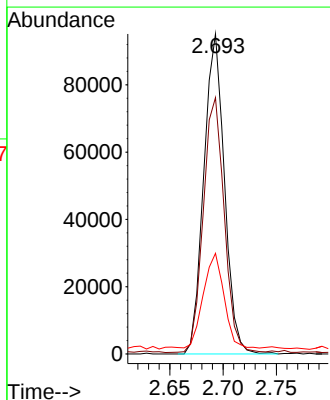
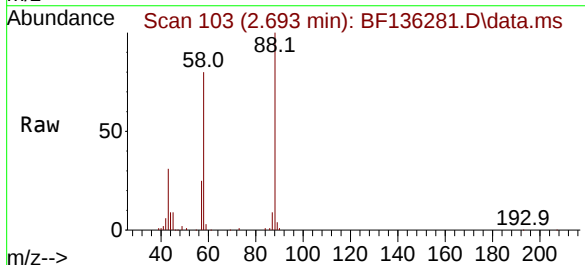
Instrument :
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PB157023BSD

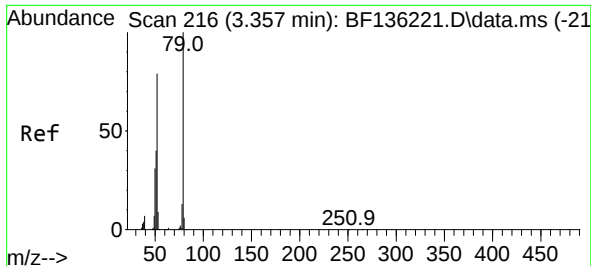
Tgt Ion:152 Resp: 154385
Ion Ratio Lower Upper
152 100
150 166.2 137.8 206.8
115 65.8 52.7 79.1



#2
1,4-Dioxane
Concen: 30.570 ng
RT: 2.693 min Scan# 103
Delta R.T. 0.094 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion: 88 Resp: 128301
Ion Ratio Lower Upper
88 100
58 80.6 65.9 98.9
43 30.8 24.8 37.2





#3

Pyridine

Concen: 31.076 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

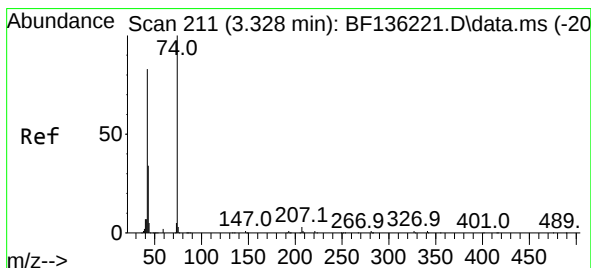
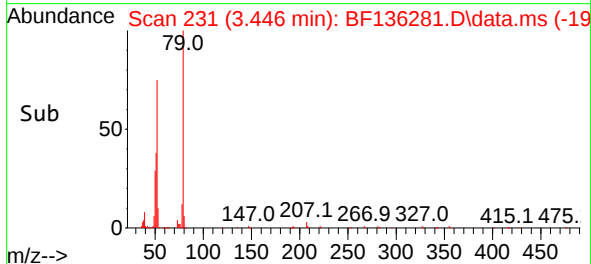
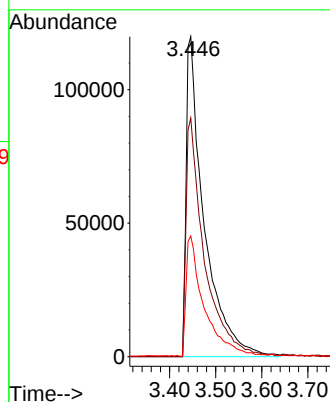
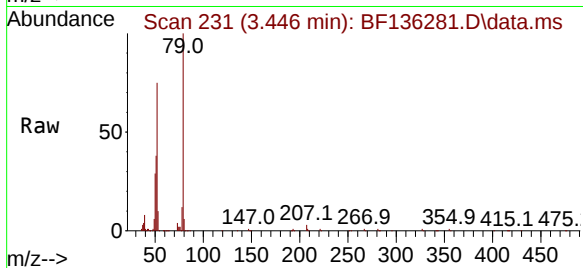
Tgt Ion: 79 Resp: 321953

Ion Ratio Lower Upper

79 100

52 74.6 63.2 94.8

51 37.7 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 37.133 ng

RT: 3.410 min Scan# 225

Delta R.T. 0.083 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

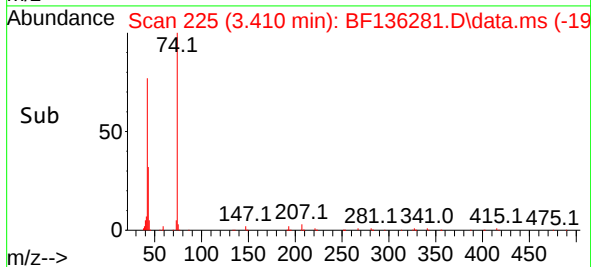
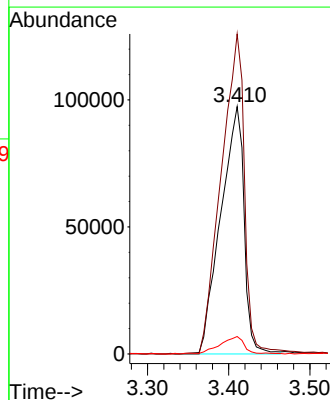
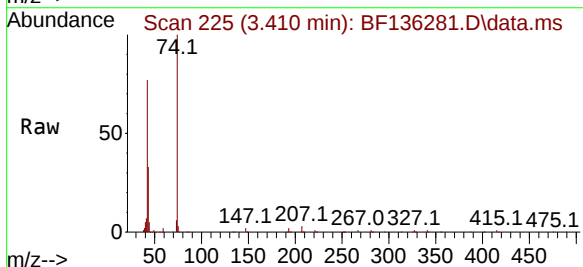
Tgt Ion: 42 Resp: 194465

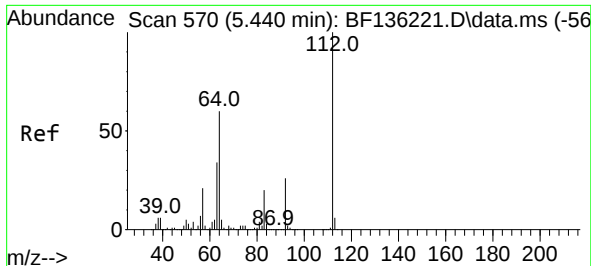
Ion Ratio Lower Upper

42 100

74 129.3 96.6 144.8

44 7.1 5.4 8.2

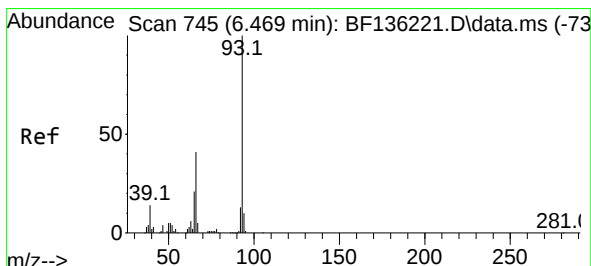
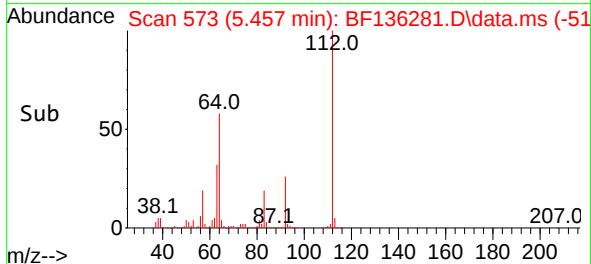
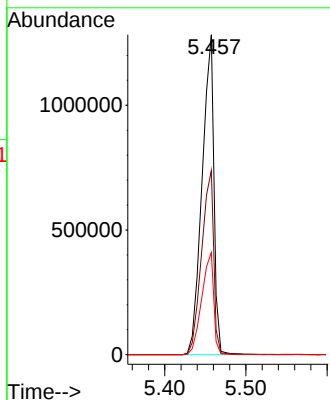
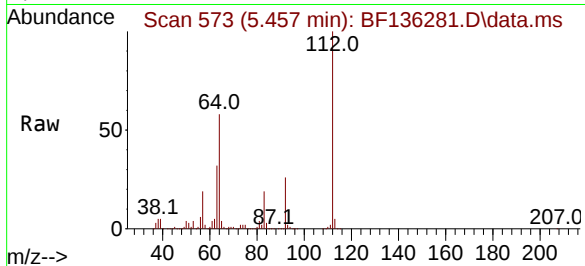




#5
2-Fluorophenol
Concen: 117.317 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

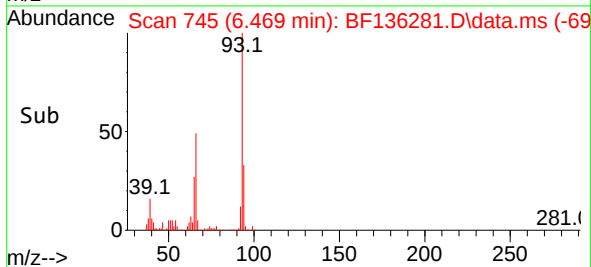
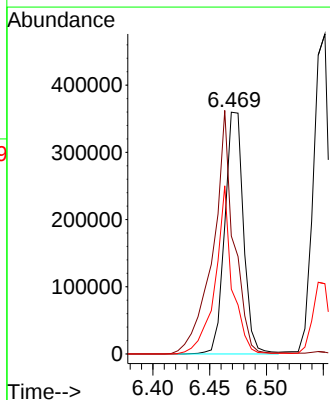
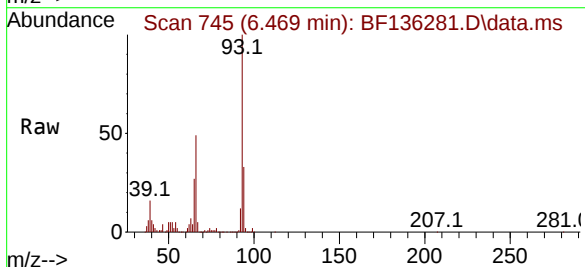
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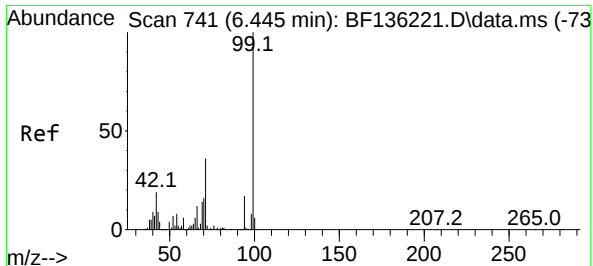
Tgt Ion:112 Resp: 1301285
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.4
63 31.9 27.0 40.6



#6
Aniline
Concen: 31.466 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion: 93 Resp: 412486
Ion Ratio Lower Upper
93 100
66 48.8 34.1 51.1
65 26.8 17.3 25.9#

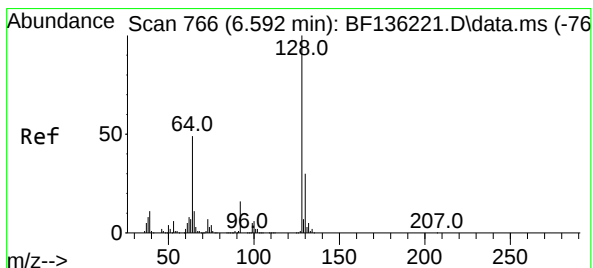
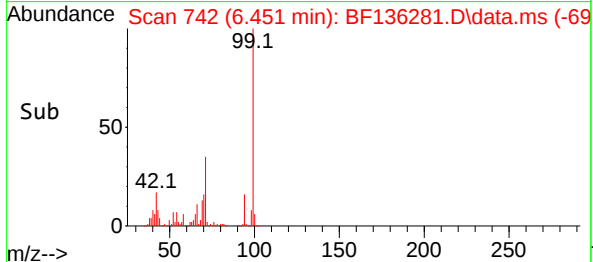
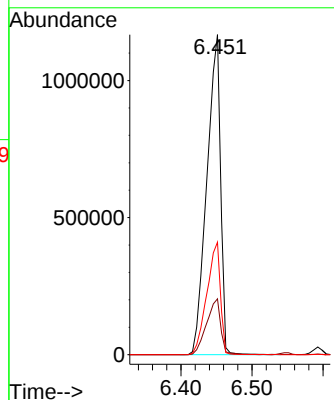
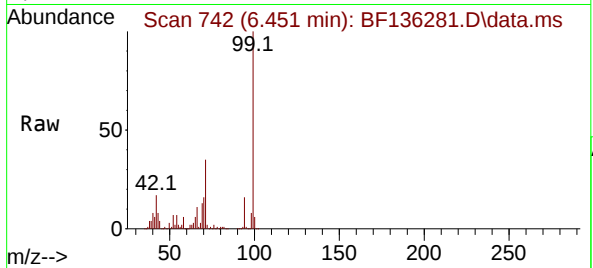




#7
Phenol-d6
Concen: 113.201 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

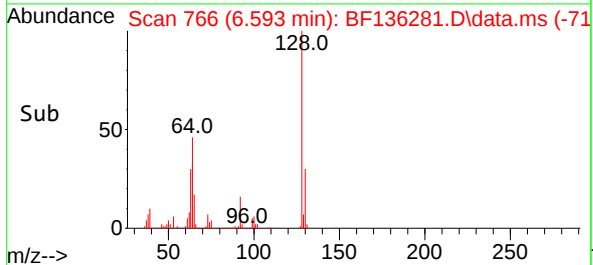
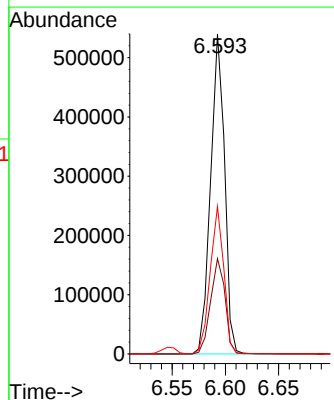
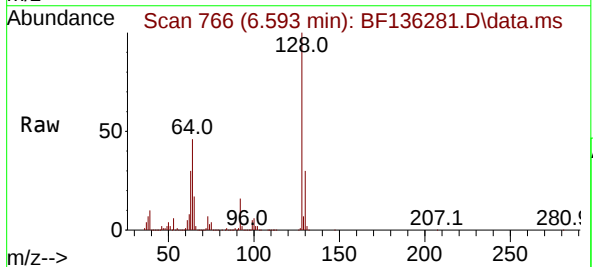
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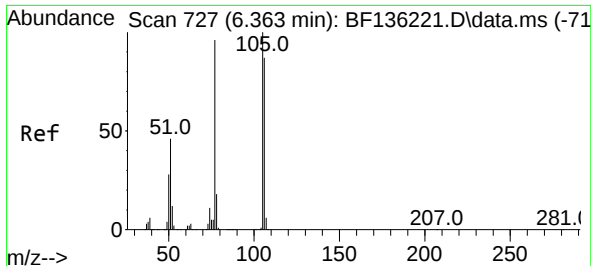
Tgt Ion: 99 Resp: 1570009
Ion Ratio Lower Upper
99 100
42 17.4 15.0 22.6
71 35.1 28.9 43.3



#8
2-Chlorophenol
Concen: 40.873 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:128 Resp: 493639
Ion Ratio Lower Upper
128 100
130 29.8 10.3 50.3
64 46.1 30.0 70.0





#9

Benzaldehyde

Concen: 3.263 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

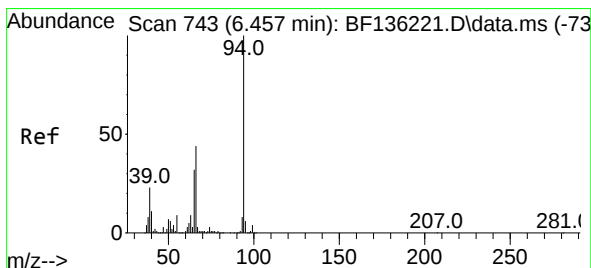
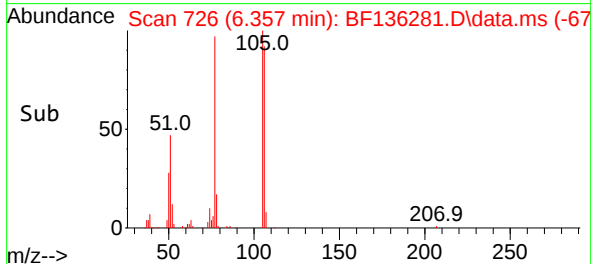
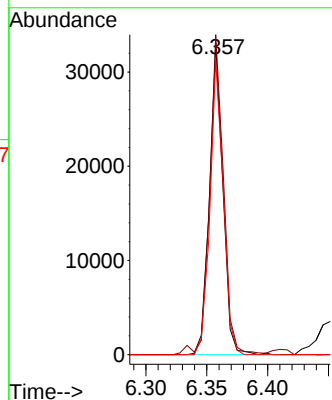
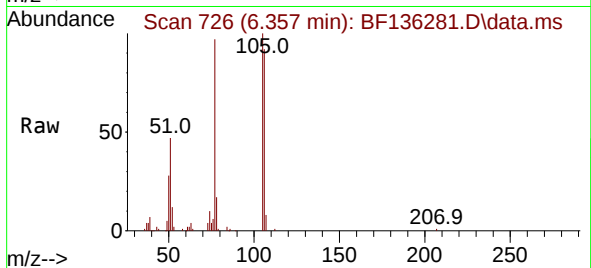
Tgt Ion: 77 Resp: 25224

Ion Ratio Lower Upper

77 100

105 102.7 84.3 124.3

106 94.5 71.0 111.0



#10

Phenol

Concen: 40.439 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

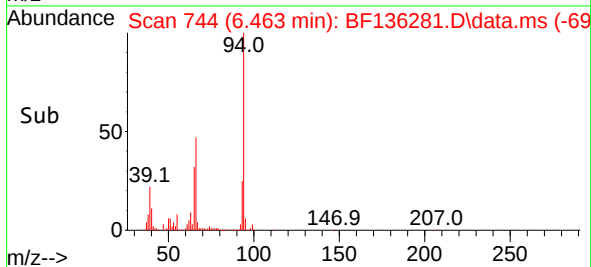
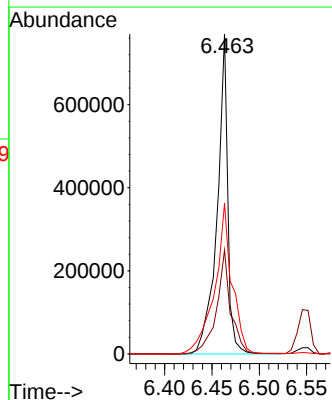
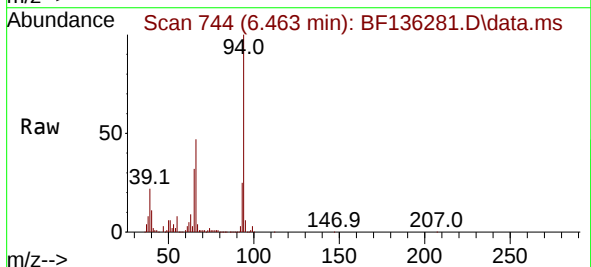
Tgt Ion: 94 Resp: 601701

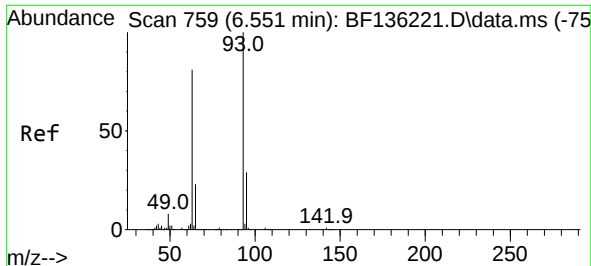
Ion Ratio Lower Upper

94 100

65 32.5 12.5 52.5

66 47.1 24.1 64.1

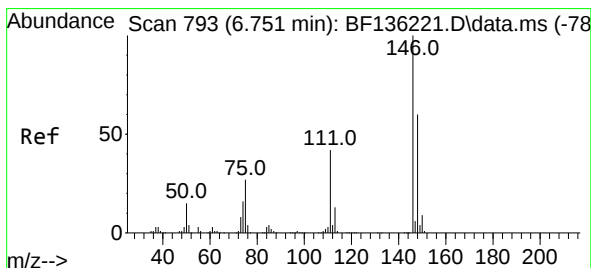
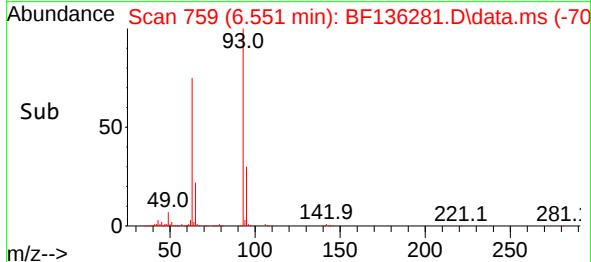
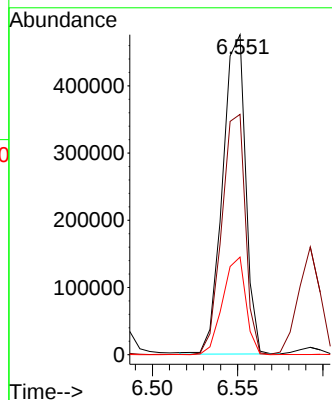
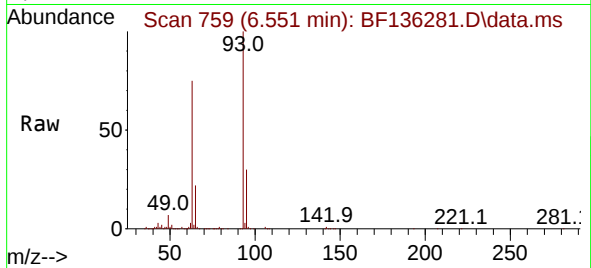




#11
bis(2-Chloroethyl)ether
Concen: 40.973 ng
RT: 6.551 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

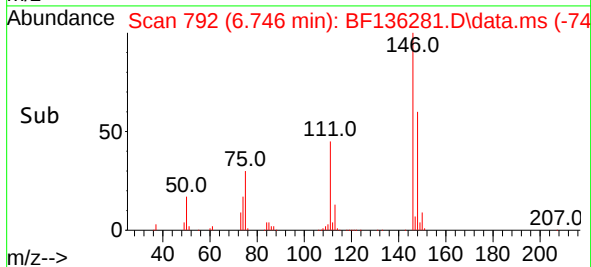
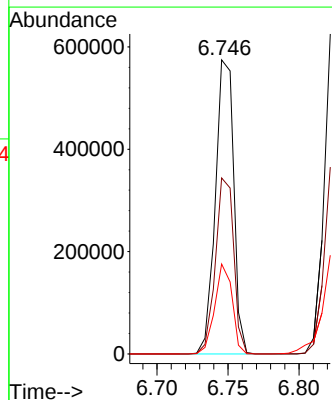
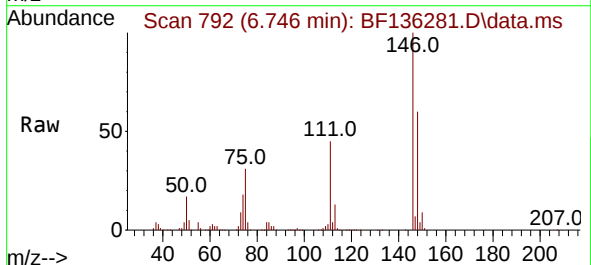
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

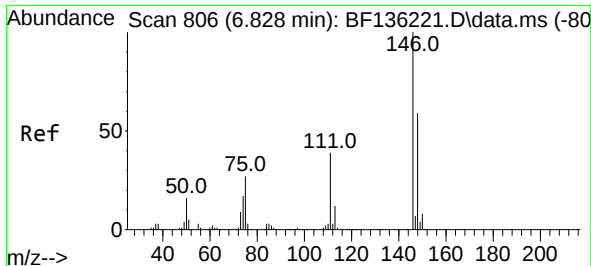
Tgt Ion: 93 Resp: 447237
Ion Ratio Lower Upper
93 100
63 75.1 60.2 100.2
95 30.5 9.1 49.1



#12
1,3-Dichlorobenzene
Concen: 37.620 ng
RT: 6.746 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion: 146 Resp: 515625
Ion Ratio Lower Upper
146 100
148 59.9 47.8 71.6
75 30.6 22.0 33.0

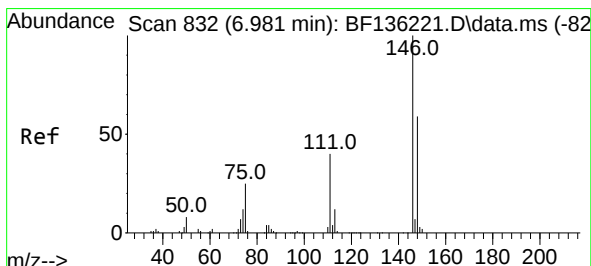
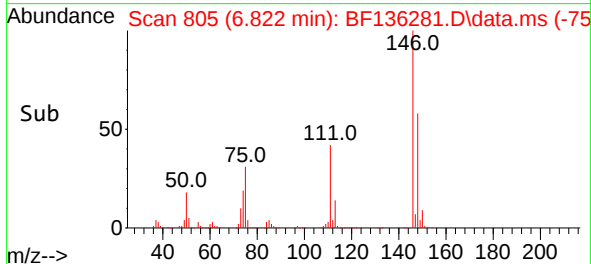
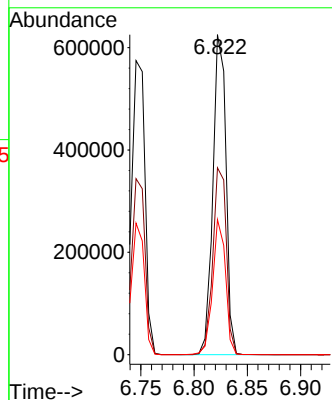
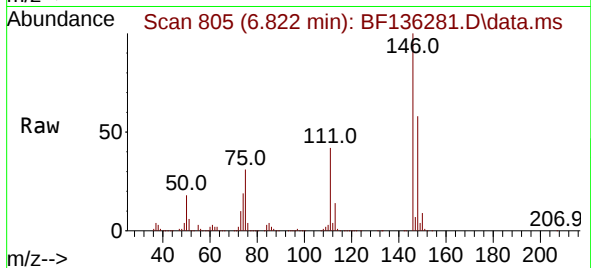




#13
1,4-Dichlorobenzene
Concen: 38.408 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

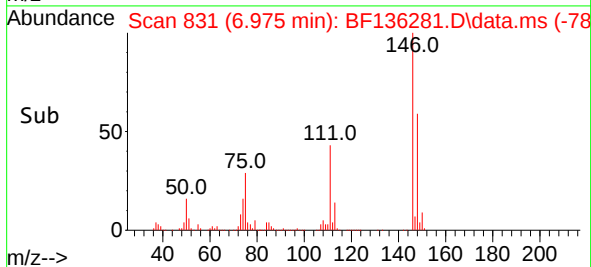
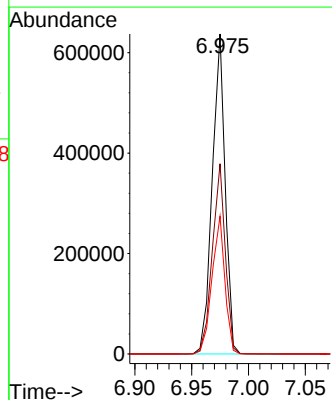
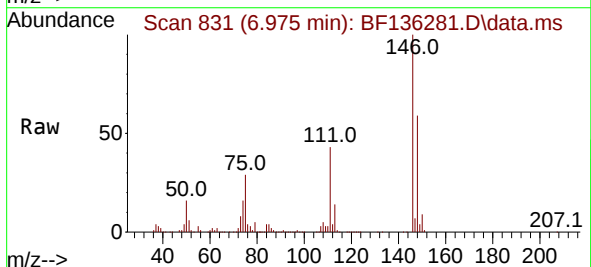
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

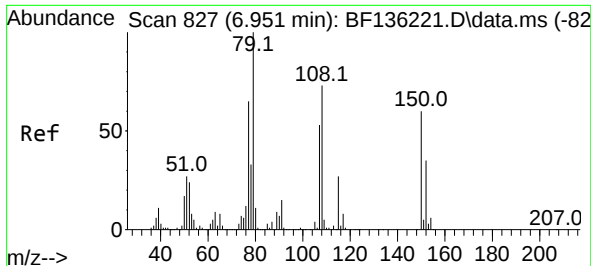
Tgt Ion:146 Resp: 535155
Ion Ratio Lower Upper
146 100
148 58.4 47.0 70.6
111 42.2 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 38.093 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:146 Resp: 502469
Ion Ratio Lower Upper
146 100
148 59.5 47.3 70.9
111 43.1 32.4 48.6

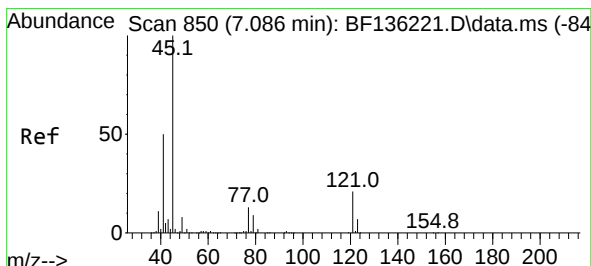
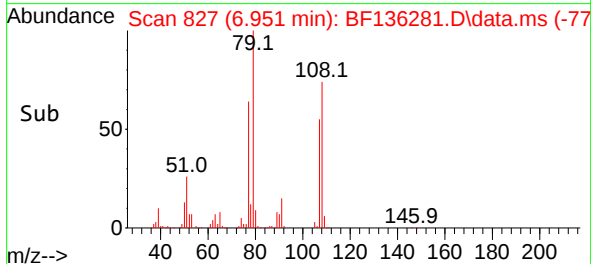
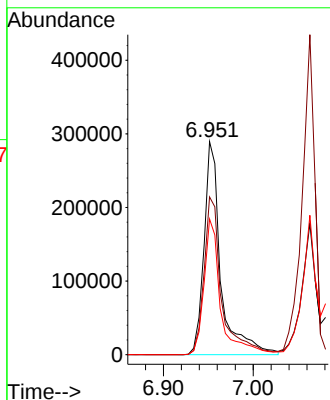
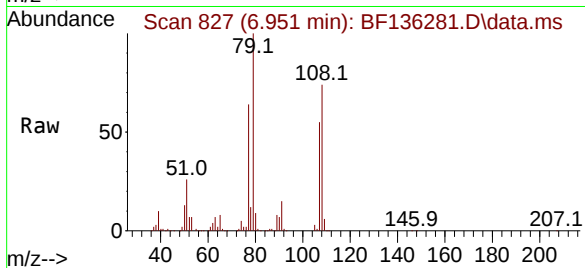




#15
Benzyl Alcohol
Concen: 39.098 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

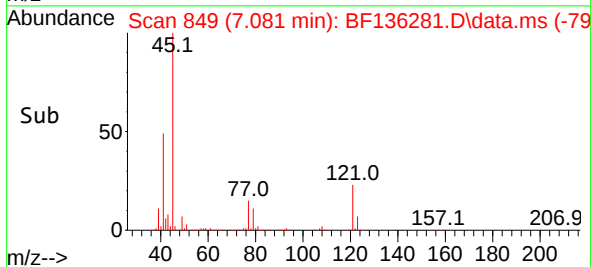
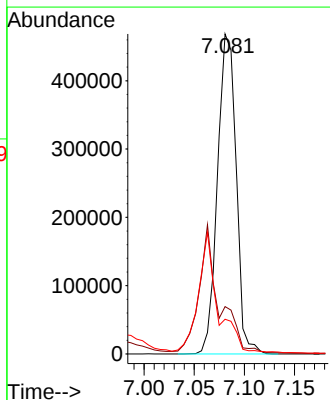
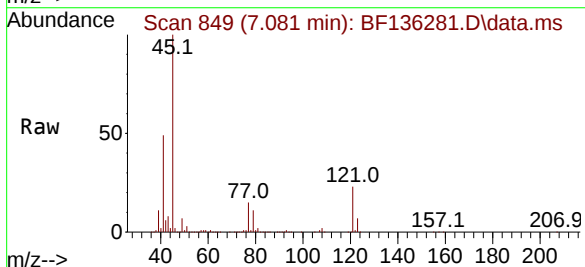
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

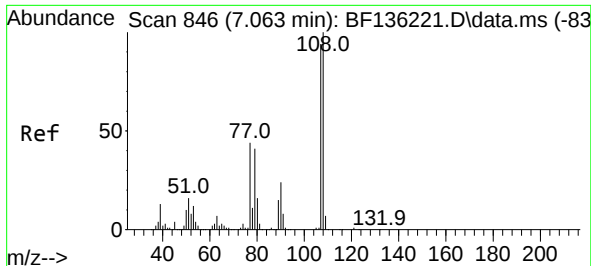
Tgt Ion: 79 Resp: 380183
Ion Ratio Lower Upper
79 100
108 74.0 58.1 87.1
77 63.7 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.859 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion: 45 Resp: 604338
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.0
79 10.8 0.0 30.1

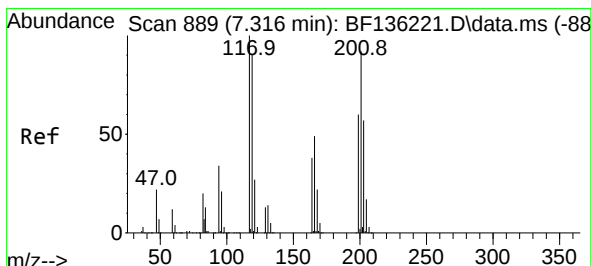
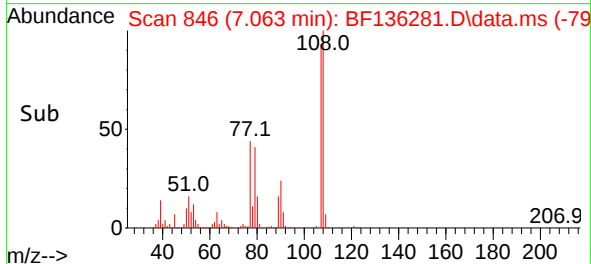
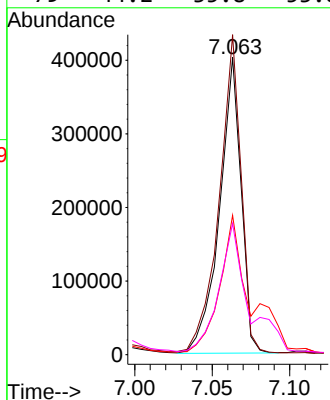
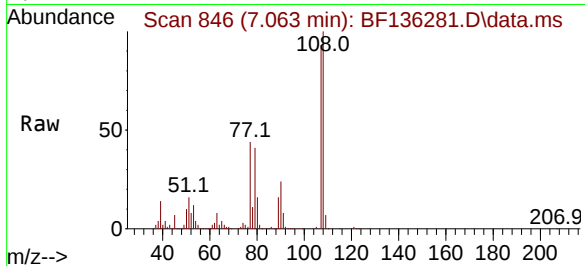




#17
2-Methylphenol
Concen: 40.872 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

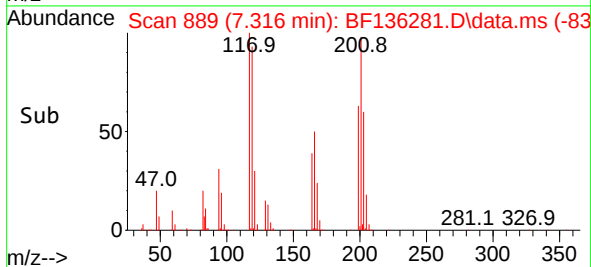
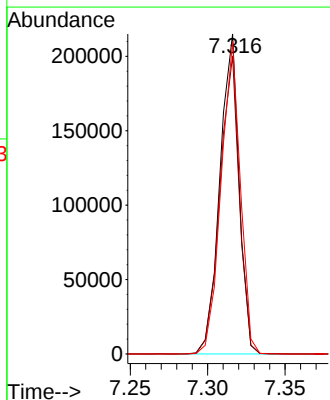
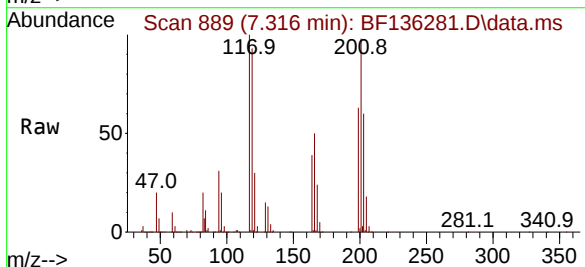
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

Tgt Ion:107 Resp: 388086
Ion Ratio Lower Upper
107 100
108 107.7 85.4 128.0
77 46.9 37.4 56.2
79 44.2 35.8 53.8



#18
Hexachloroethane
Concen: 37.836 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:117 Resp: 184916
Ion Ratio Lower Upper
117 100
119 93.2 71.6 107.4
201 97.7 73.4 110.2

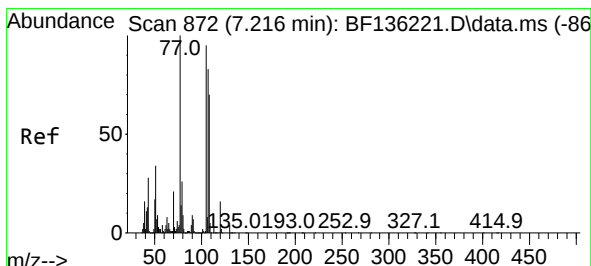
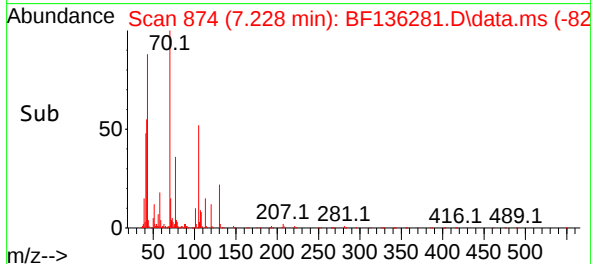
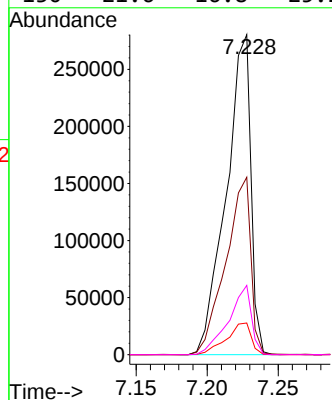
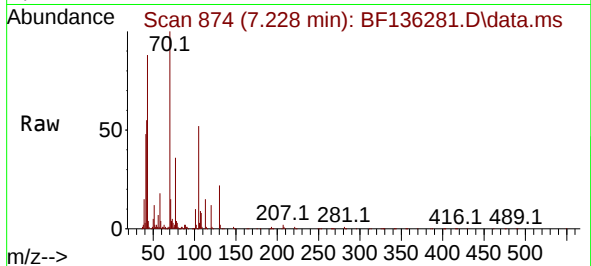




#19
n-Nitroso-di-n-propylamine
Concen: 40.788 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

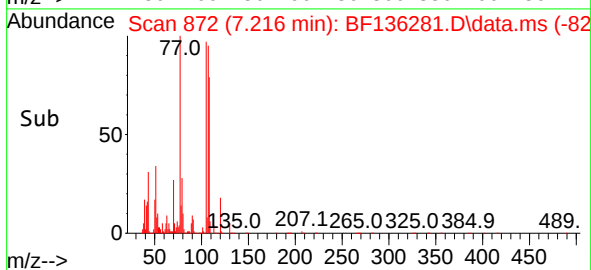
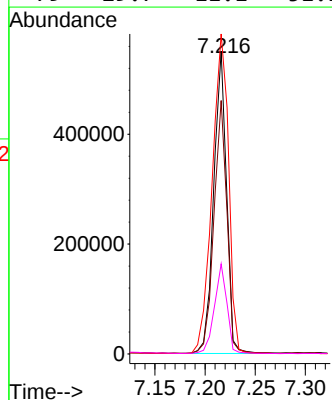
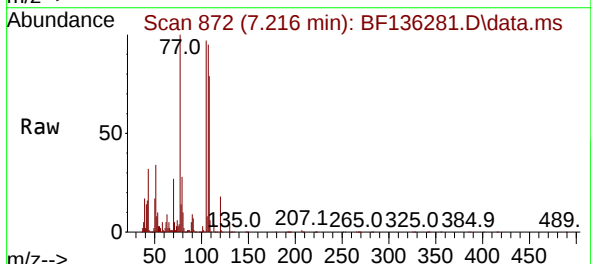
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

Tgt Ion: 70 Resp: 338337
Ion Ratio Lower Upper
70 100
42 55.5 47.0 70.4
101 9.9 7.8 11.8
130 21.6 16.8 25.2



#20
3+4-Methylphenols
Concen: 39.573 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion: 107 Resp: 488338
Ion Ratio Lower Upper
107 100
108 83.7 63.9 103.9
77 105.7 100.2 140.2
79 29.7 11.1 51.1

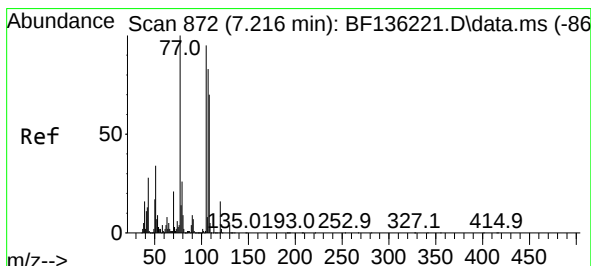
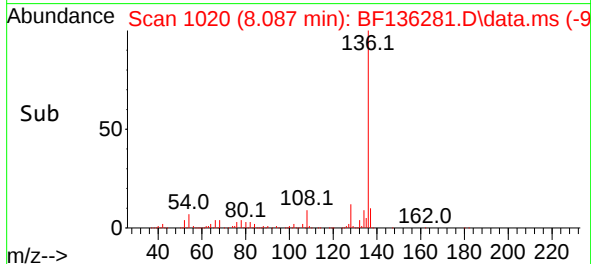
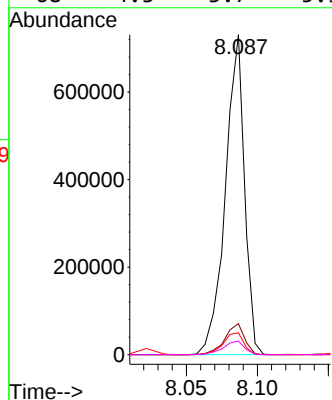
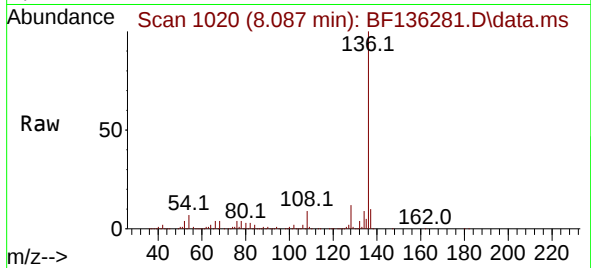




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

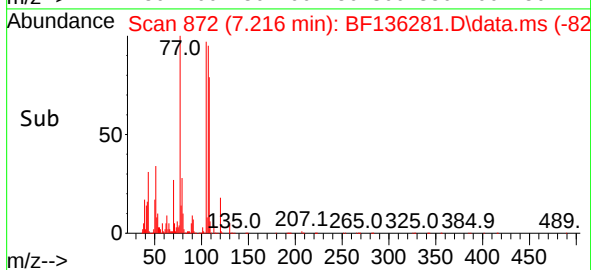
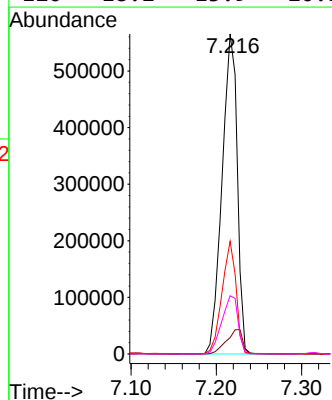
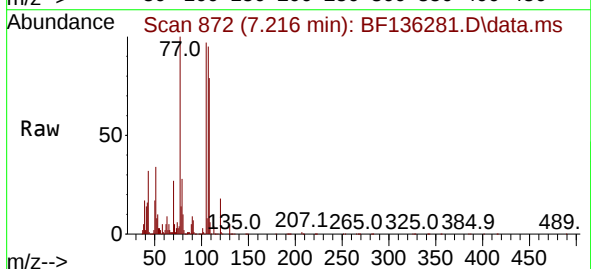
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

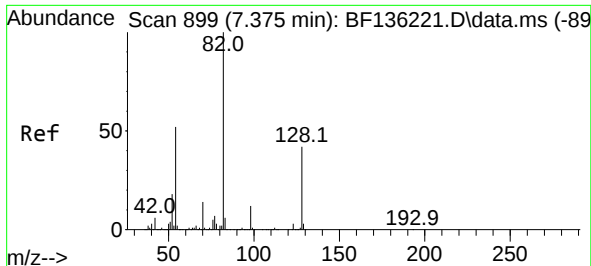
Tgt Ion:136 Resp: 682627
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 6.8 5.5 8.3
68 4.3 3.7 5.5



#22
Acetophenone
Concen: 39.129 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:105 Resp: 701512
Ion Ratio Lower Upper
105 100
71 5.1 2.8 4.2#
51 35.2 29.0 43.6
120 18.2 13.9 20.9





#23

Nitrobenzene-d5

Concen: 73.857 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

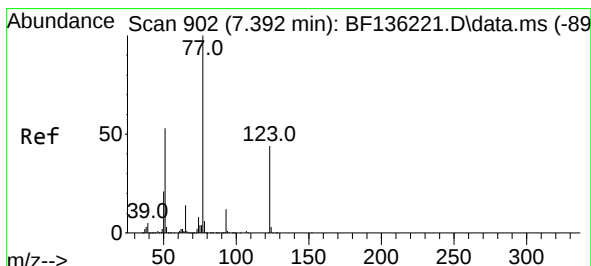
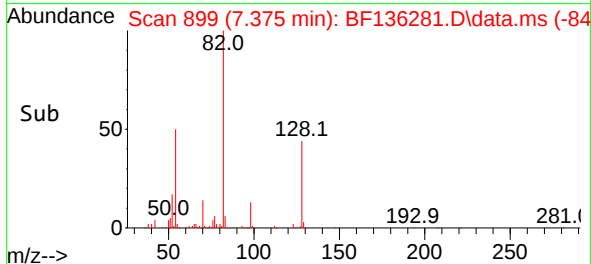
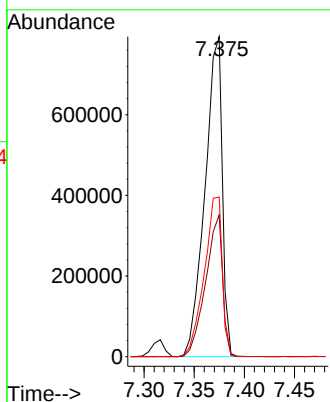
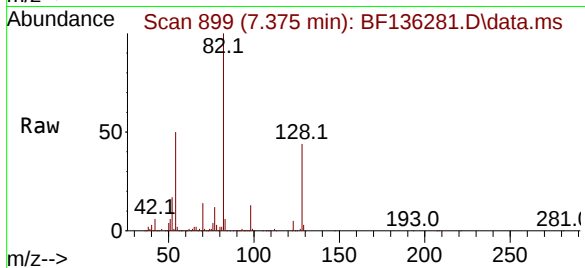
Tgt Ion: 82 Resp: 954077

Ion Ratio Lower Upper

82 100

128 44.3 33.4 50.2

54 49.9 41.7 62.5



#24

Nitrobenzene

Concen: 37.708 ng

RT: 7.393 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

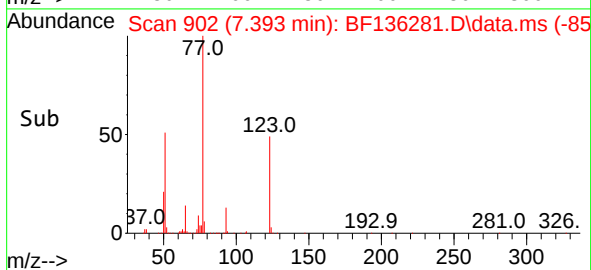
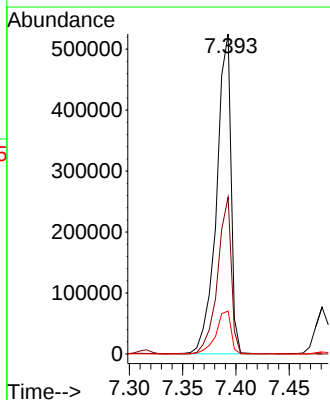
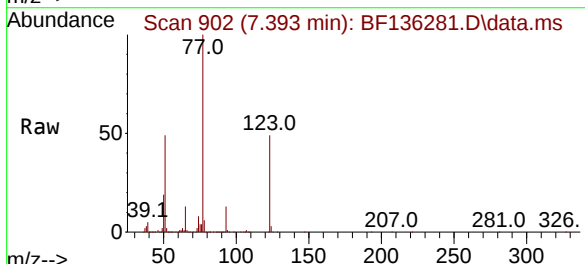
Tgt Ion: 77 Resp: 493634

Ion Ratio Lower Upper

77 100

123 49.0 35.4 53.2

65 13.4 11.0 16.6

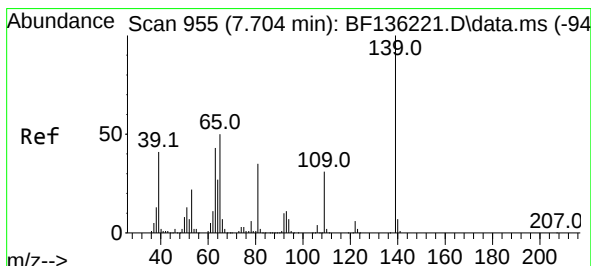
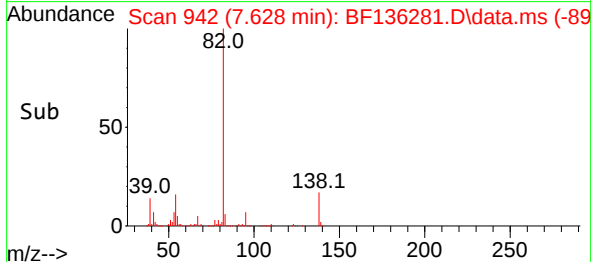
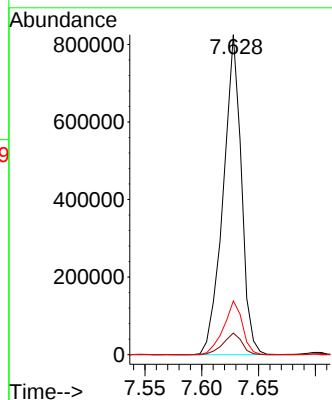
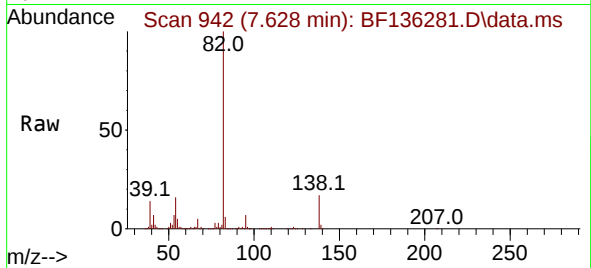




#25
Isophorone
Concen: 39.403 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

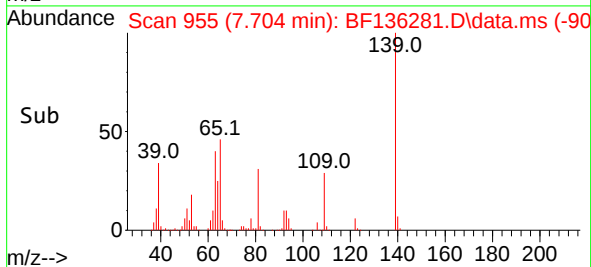
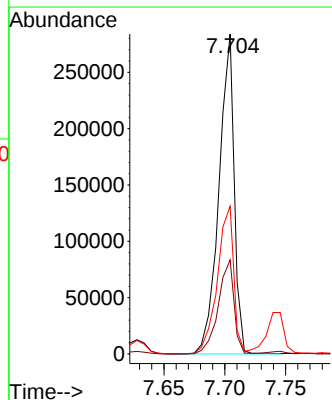
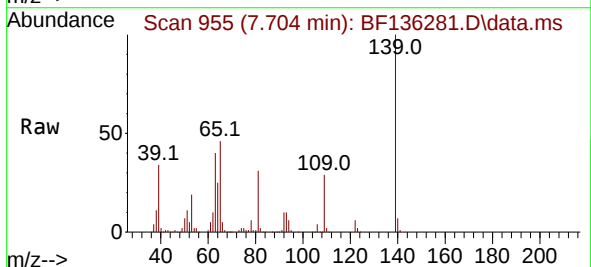
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

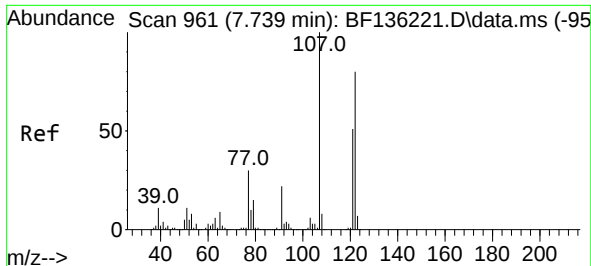
Tgt Ion: 82 Resp: 917804
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.8 12.8 19.2



#26
2-Nitrophenol
Concen: 44.537 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion: 139 Resp: 248412
Ion Ratio Lower Upper
139 100
109 29.4 25.0 37.6
65 46.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 53.482 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

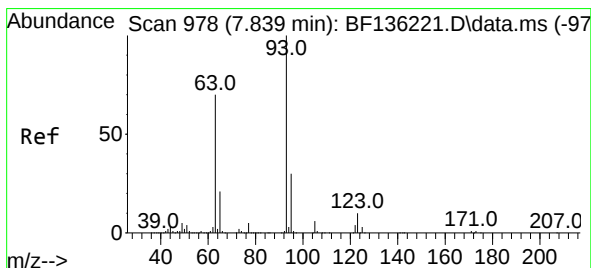
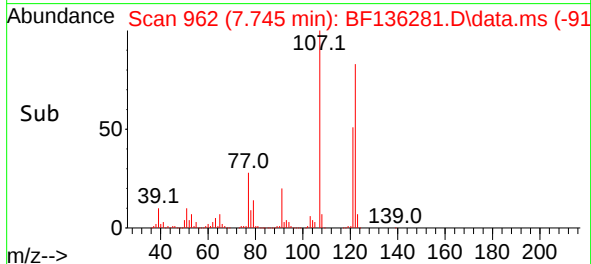
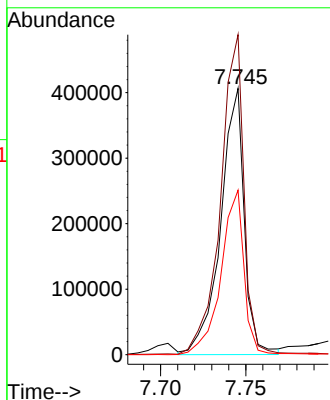
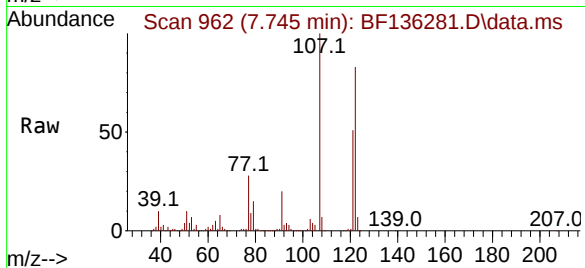
Tgt Ion:122 Resp: 392635

Ion Ratio Lower Upper

122 100

107 120.2 100.0 150.0

121 61.8 50.7 76.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.749 ng

RT: 7.840 min Scan# 978

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

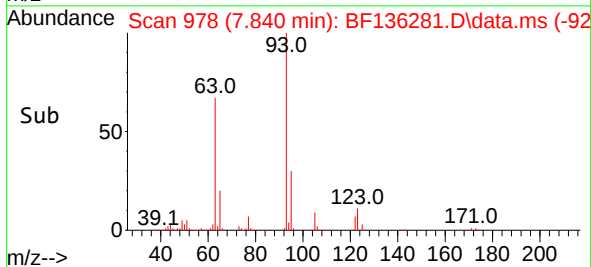
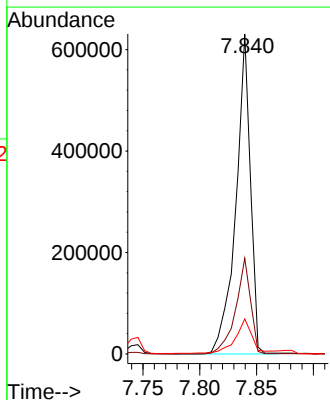
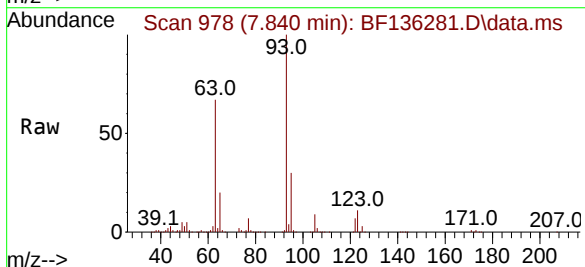
Tgt Ion: 93 Resp: 560040

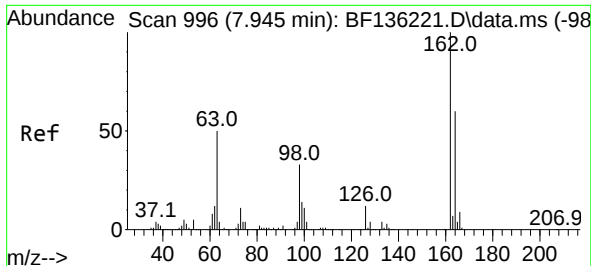
Ion Ratio Lower Upper

93 100

95 29.9 23.8 35.6

123 11.0 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 40.909 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

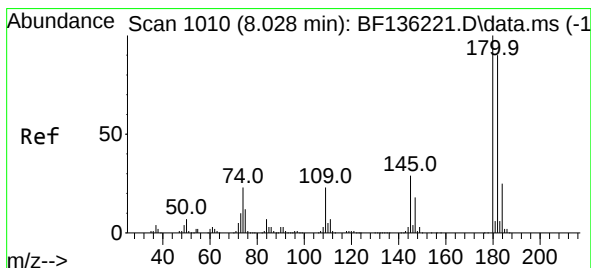
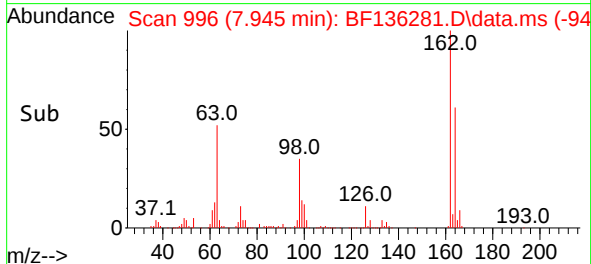
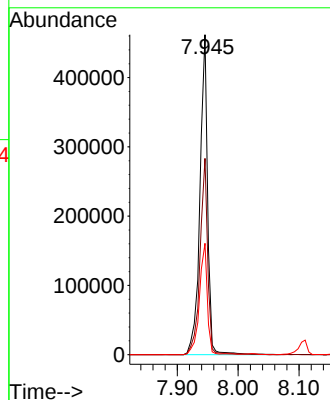
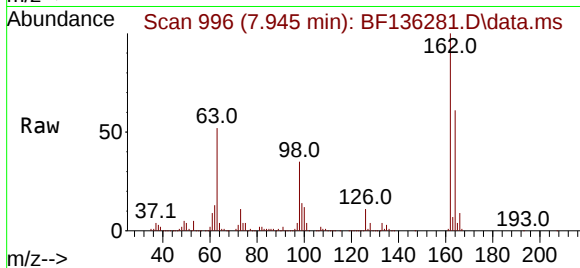
Tgt Ion:162 Resp: 405093

Ion Ratio Lower Upper

162 100

164 61.3 40.3 80.3

98 34.8 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 37.491 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

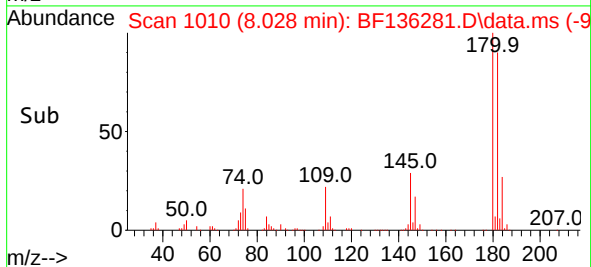
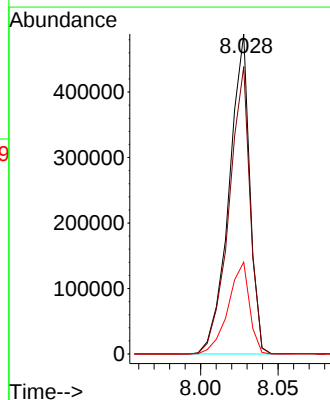
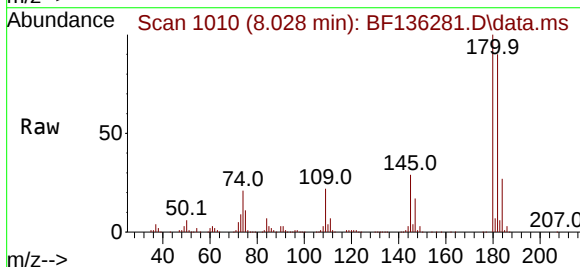
Tgt Ion:180 Resp: 454526

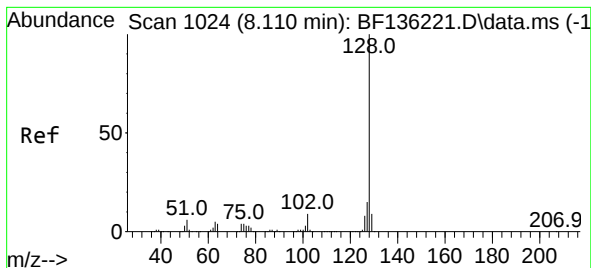
Ion Ratio Lower Upper

180 100

182 89.8 71.6 107.4

145 28.7 23.0 34.4





#31

Naphthalene

Concen: 38.653 ng

RT: 8.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

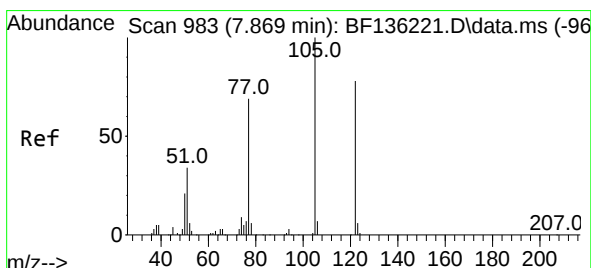
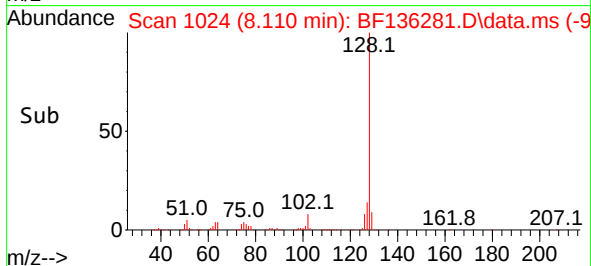
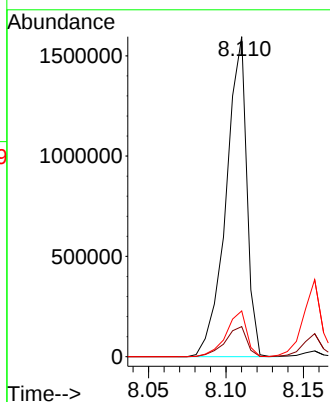
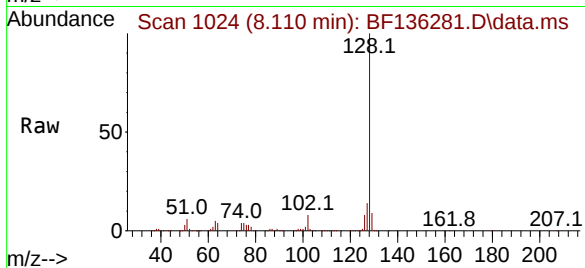
Tgt Ion:128 Resp: 1483088

Ion Ratio Lower Upper

128 100

129 9.4 7.3 10.9

127 14.3 11.8 17.6



#32

Benzoic acid

Concen: 45.251 ng

RT: 7.881 min Scan# 985

Delta R.T. 0.012 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

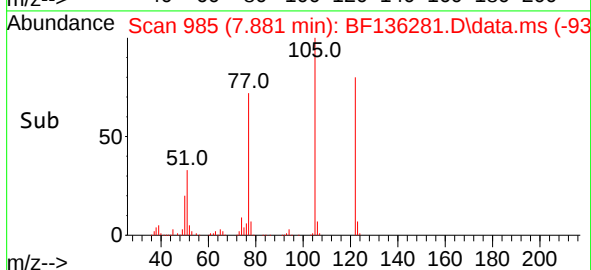
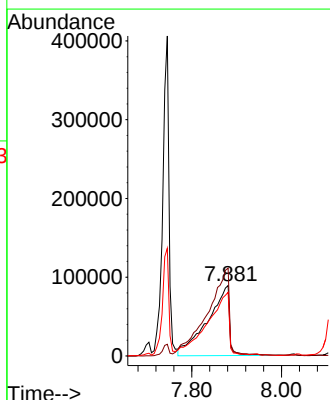
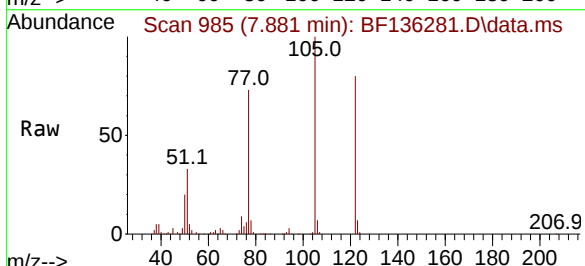
Tgt Ion:122 Resp: 302764

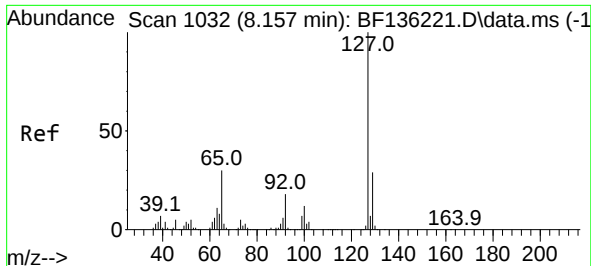
Ion Ratio Lower Upper

122 100

105 124.9 103.7 143.7

77 90.6 66.8 106.8

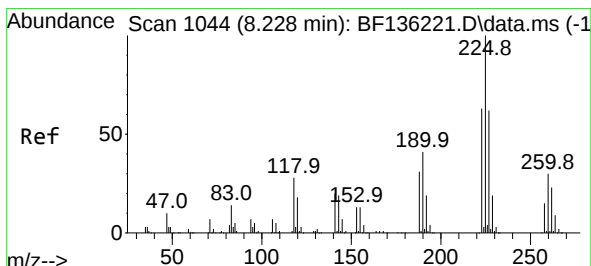
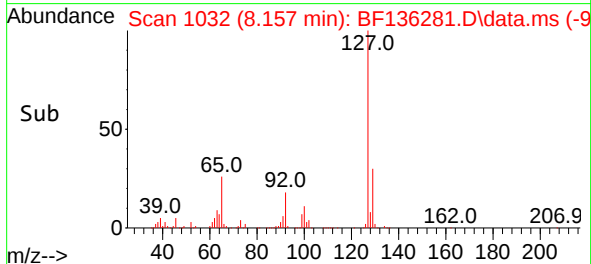
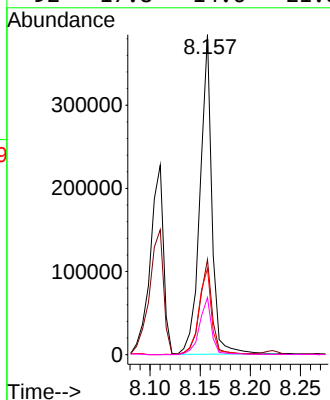
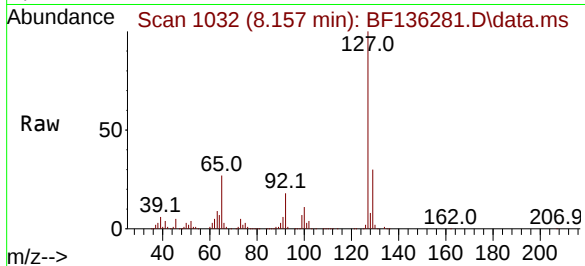




#33
4-Chloroaniline
Concen: 24.307 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

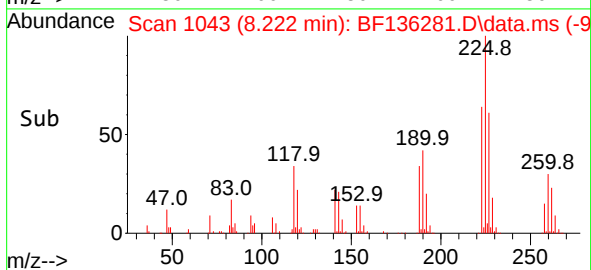
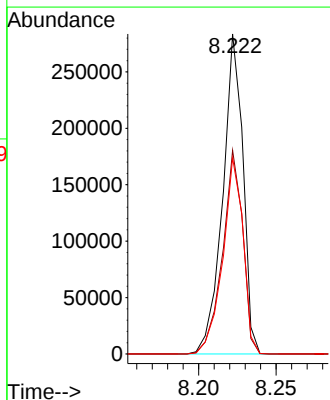
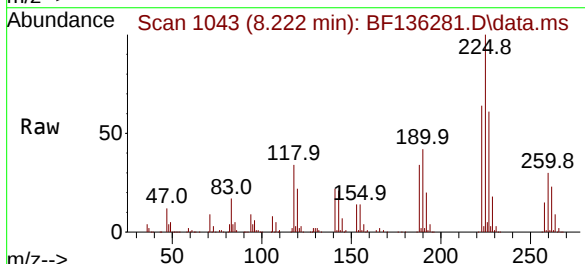
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

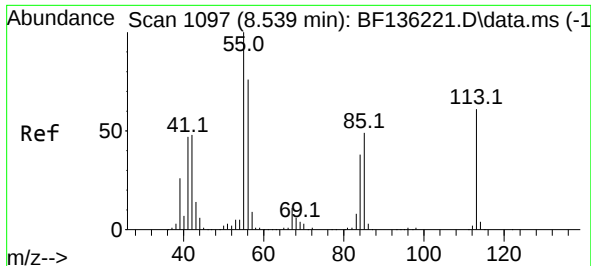
Tgt Ion:	127	Resp:	317015
Ion	Ratio	Lower	Upper
127	100		
129	29.8	23.4	35.2
65	26.9	23.8	35.6
92	17.8	14.6	21.8



#34
Hexachlorobutadiene
Concen: 36.183 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:	225	Resp:	256635
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	61.3	49.6	74.4

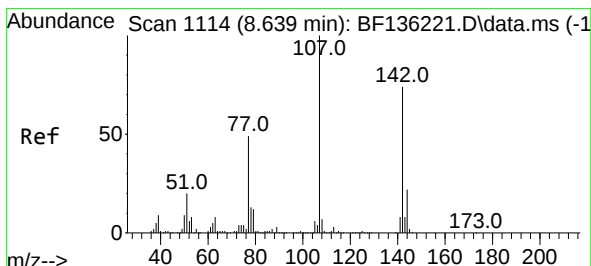
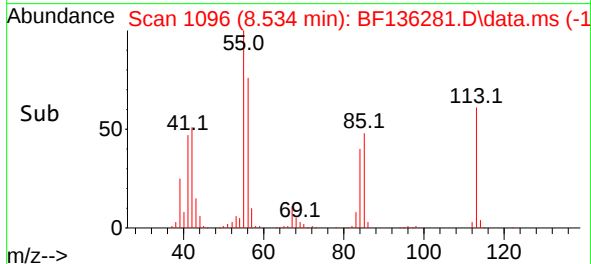
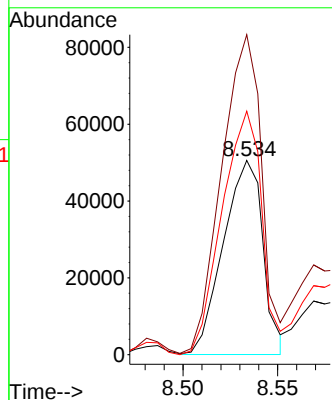
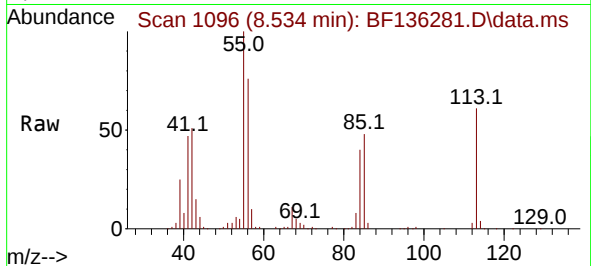




#35
 Caprolactam
 Concen: 26.535 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53

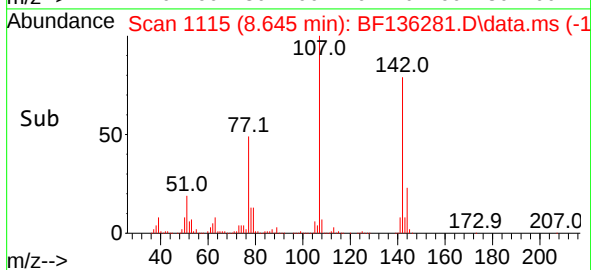
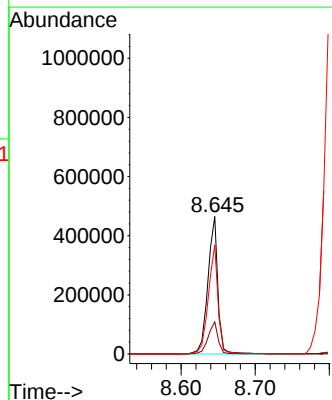
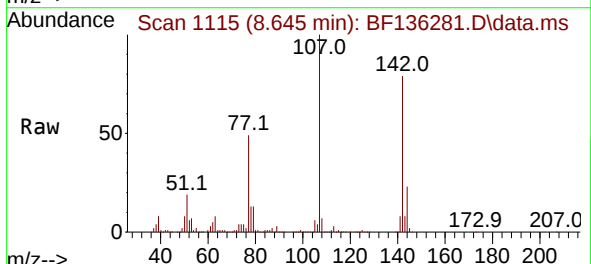
Instrument :
 BNA_F
 ClientSampleId :
 PB157023BSD

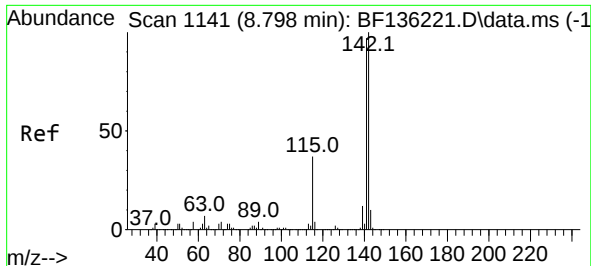
Tgt Ion:113 Resp: 73454
 Ion Ratio Lower Upper
 113 100
 55 164.8 143.1 183.1
 56 125.4 103.6 143.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.654 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.006 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53

Tgt Ion:107 Resp: 436612
 Ion Ratio Lower Upper
 107 100
 144 23.4 17.8 26.8
 142 79.3 59.4 89.0





#37

2-Methylnaphthalene

Concen: 38.289 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

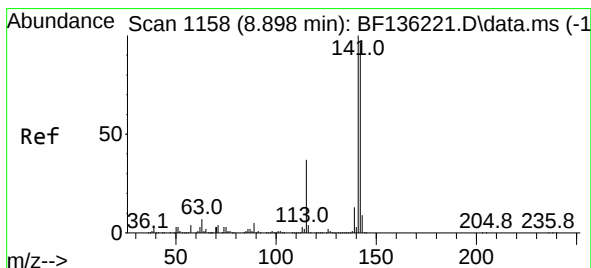
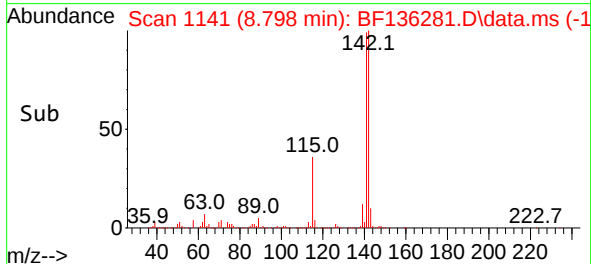
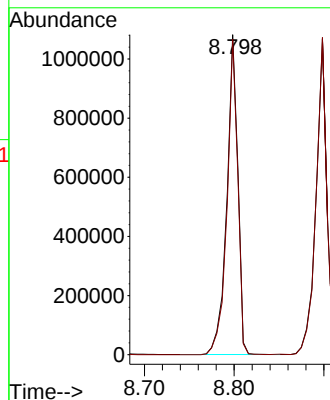
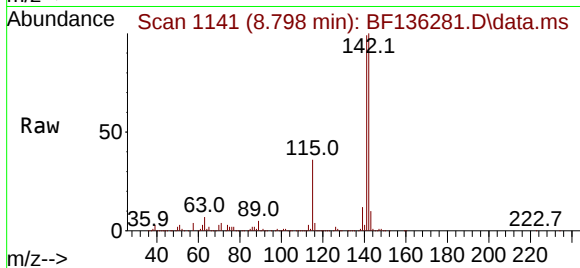
PB157023BSD

Tgt Ion:142 Resp: 921557

Ion Ratio Lower Upper

142 100

141 98.6 77.8 116.8



#38

1-Methylnaphthalene

Concen: 37.606 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136281.D

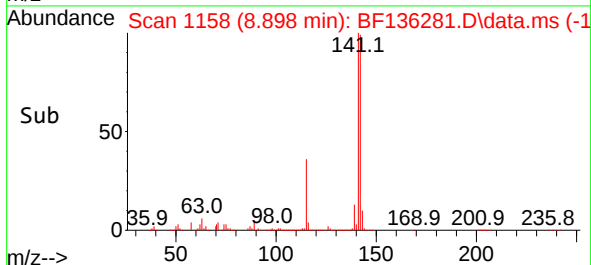
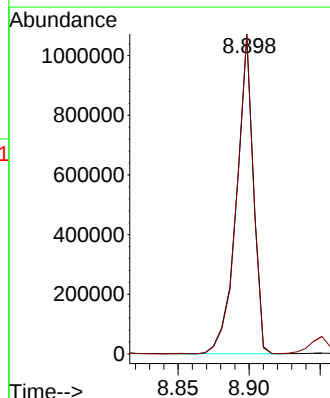
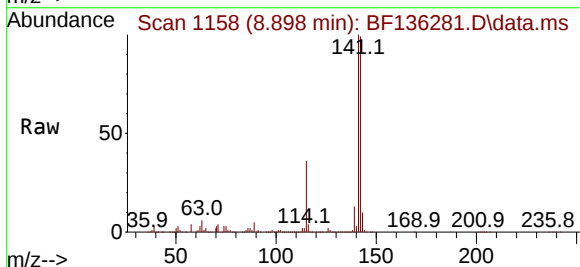
Acq: 29 Nov 2023 13:53

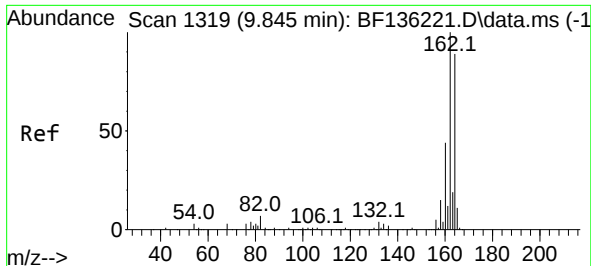
Tgt Ion:142 Resp: 882972

Ion Ratio Lower Upper

142 100

141 100.5 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

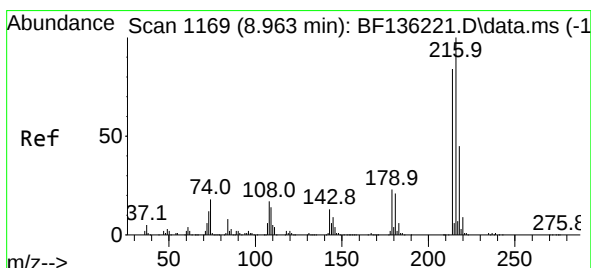
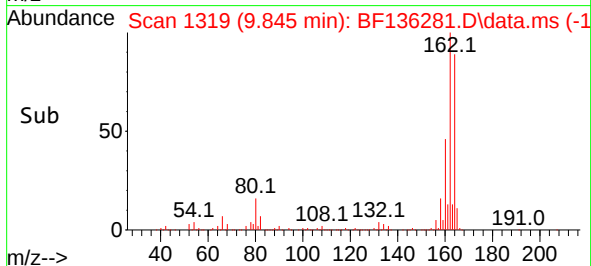
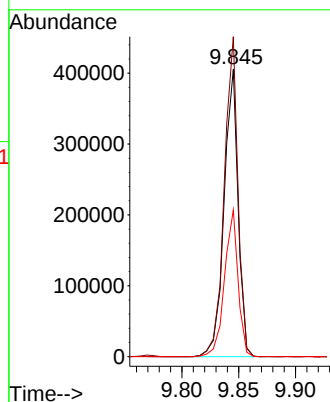
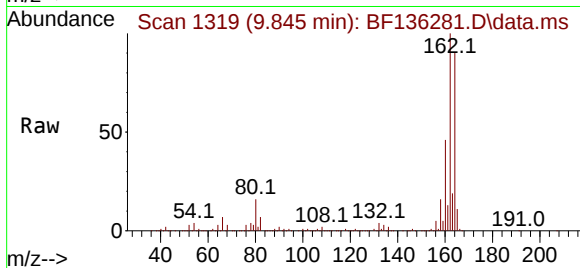
Tgt Ion:164 Resp: 348330

Ion Ratio Lower Upper

164 100

162 111.3 89.5 134.3

160 51.1 39.6 59.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.070 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Tgt Ion:216 Resp: 444206

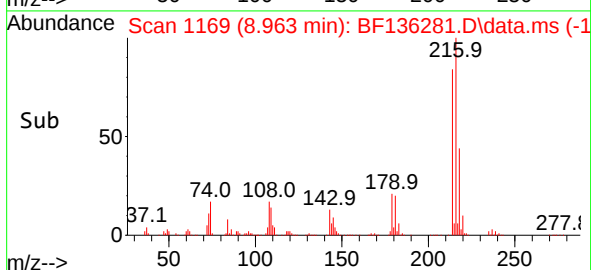
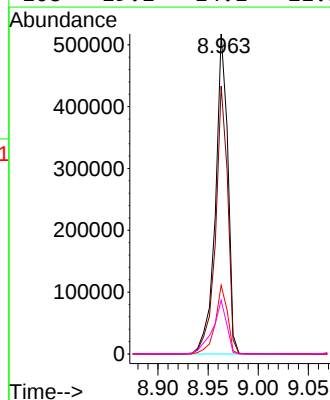
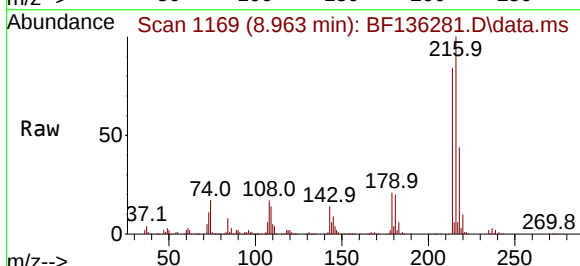
Ion Ratio Lower Upper

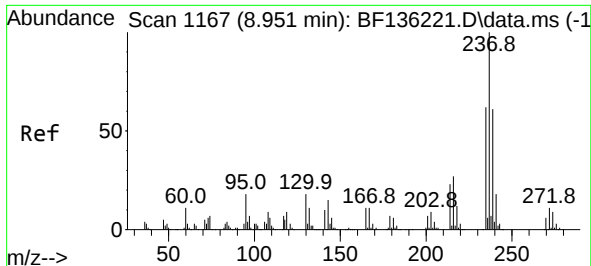
216 100

214 81.8 65.8 98.8

179 20.9 17.4 26.0

108 19.1 14.1 21.1

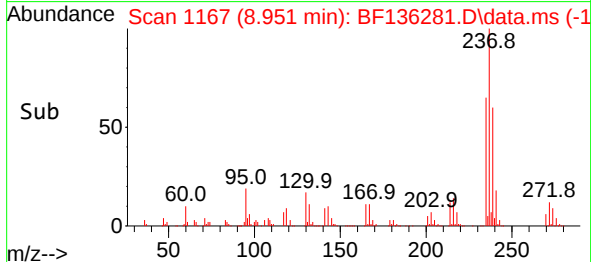
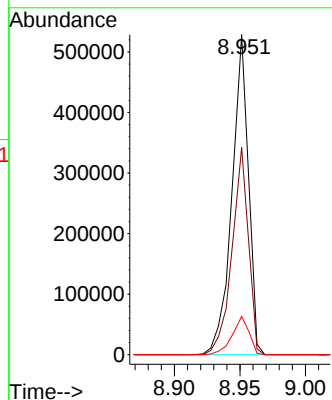
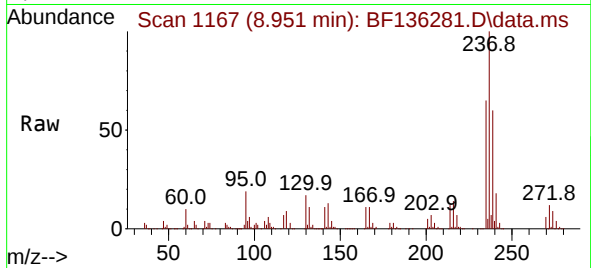




#41
Hexachlorocyclopentadiene
Concen: 108.677 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

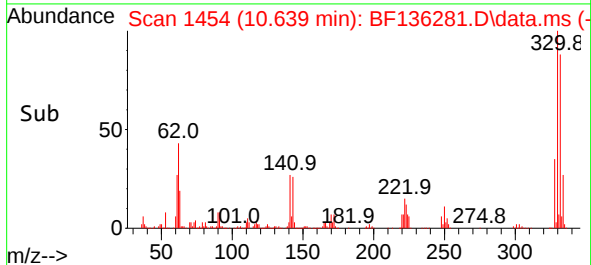
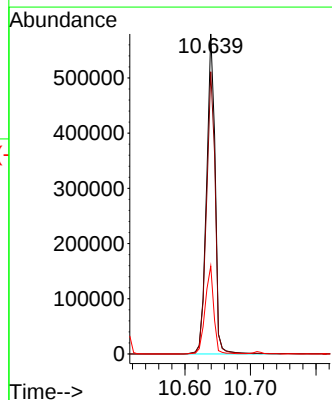
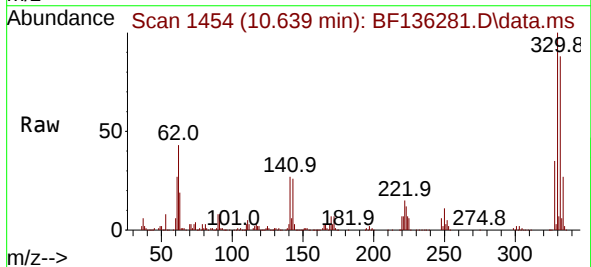
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

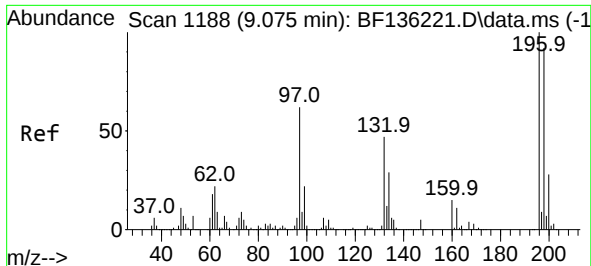
Tgt Ion:237 Resp: 463569
Ion Ratio Lower Upper
237 100
235 64.8 42.1 82.1
272 11.9 0.0 31.0



#42
2,4,6-Tribromophenol
Concen: 123.682 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:330 Resp: 526717
Ion Ratio Lower Upper
330 100
332 90.5 73.0 109.6
141 27.6 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 40.892 ng

RT: 9.081 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

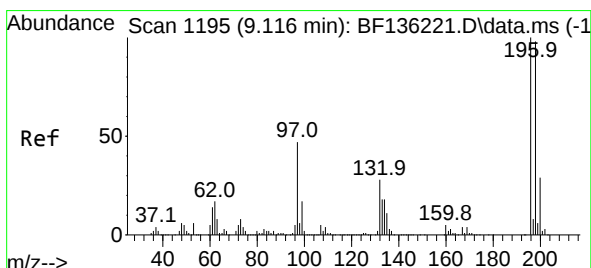
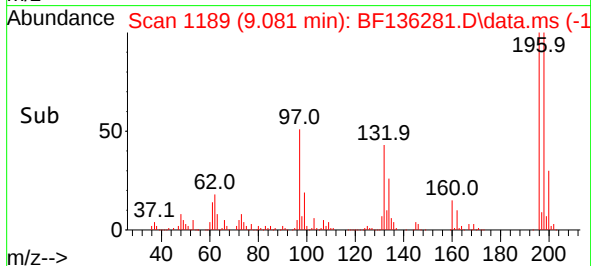
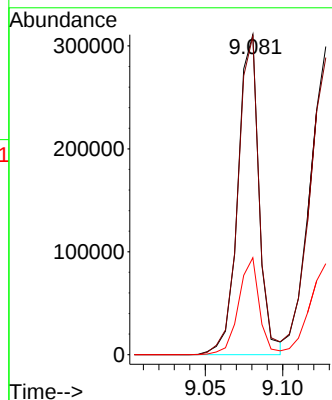
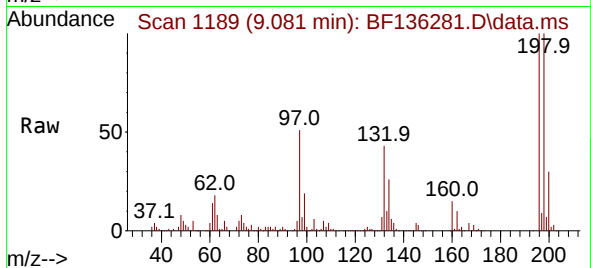
Tgt Ion:196 Resp: 294231

Ion Ratio Lower Upper

196 100

198 99.5 73.2 109.8

200 30.3 22.4 33.6



#44

2,4,5-Trichlorophenol

Concen: 39.557 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Tgt Ion:196 Resp: 310607

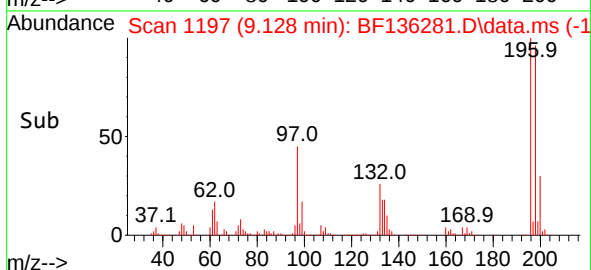
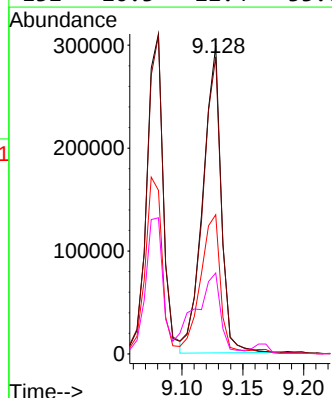
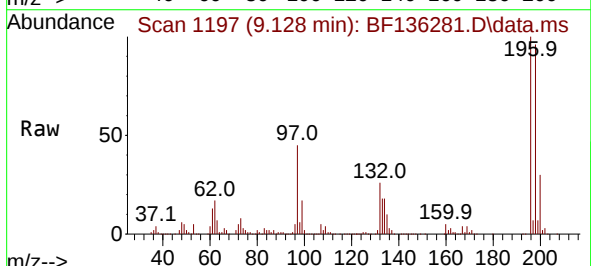
Ion Ratio Lower Upper

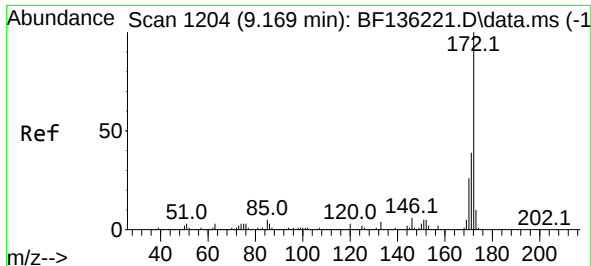
196 100

198 96.4 78.8 118.2

97 45.2 37.8 56.8

132 26.3 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 73.651 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

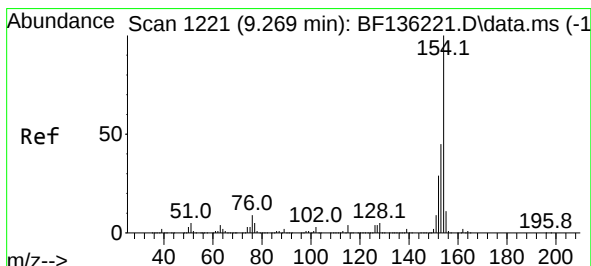
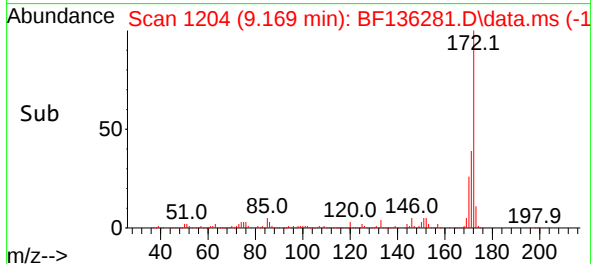
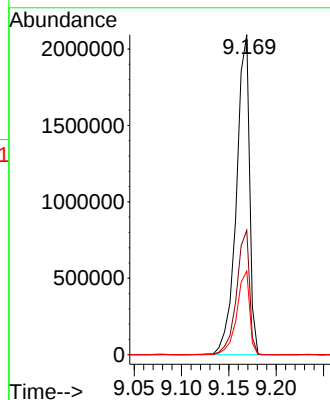
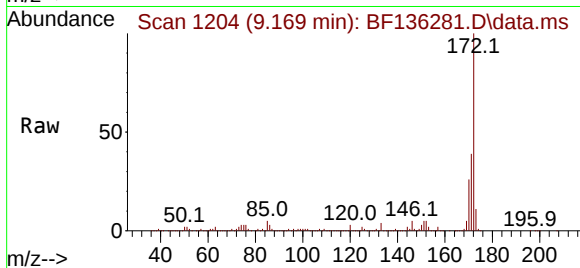
Tgt Ion:172 Resp: 2008525

Ion Ratio Lower Upper

172 100

171 38.9 31.5 47.3

170 26.1 20.8 31.2



#46

1,1'-Biphenyl

Concen: 39.749 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

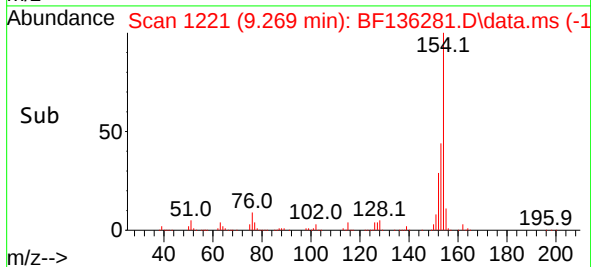
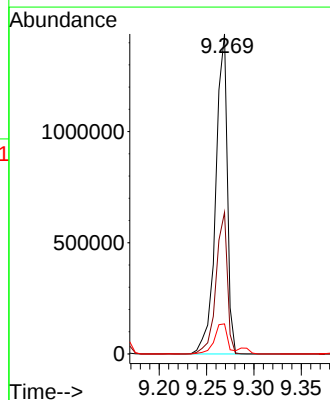
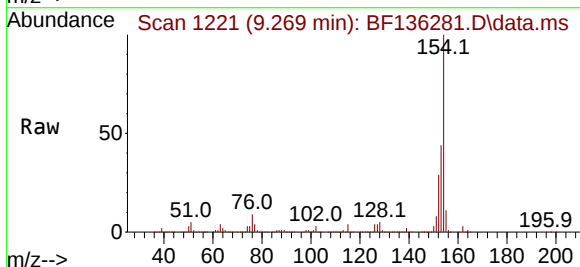
Tgt Ion:154 Resp: 1220995

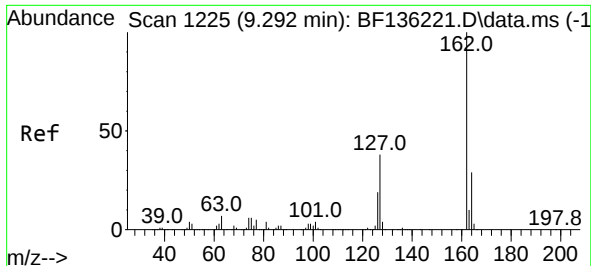
Ion Ratio Lower Upper

154 100

153 44.2 24.6 64.6

76 9.4 0.0 29.4

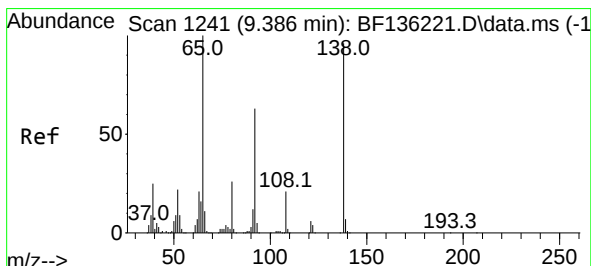
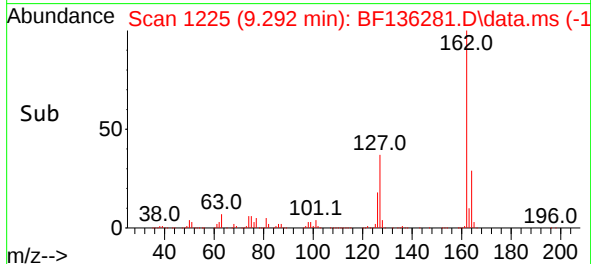
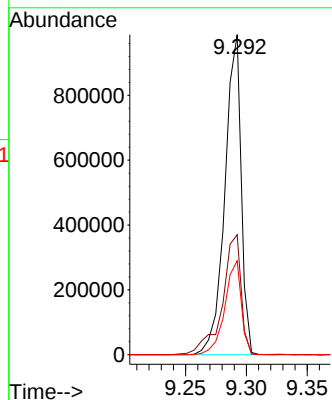
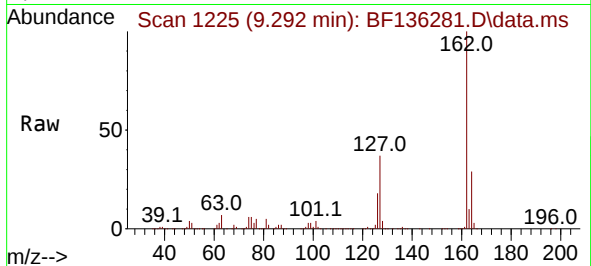




#47
2-Chloronaphthalene
Concen: 38.665 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

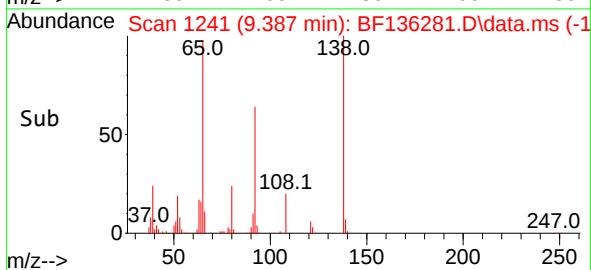
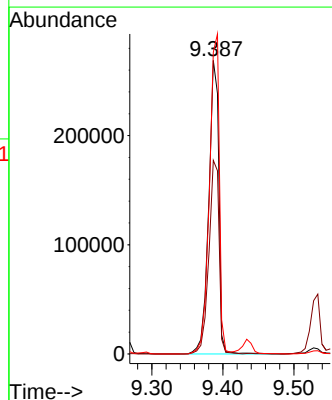
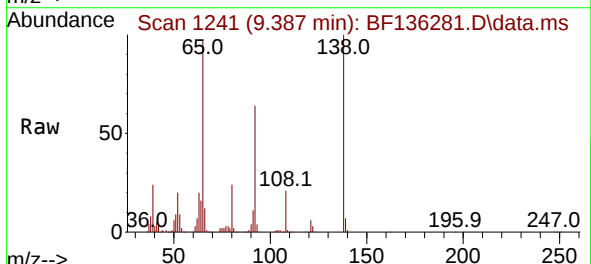
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

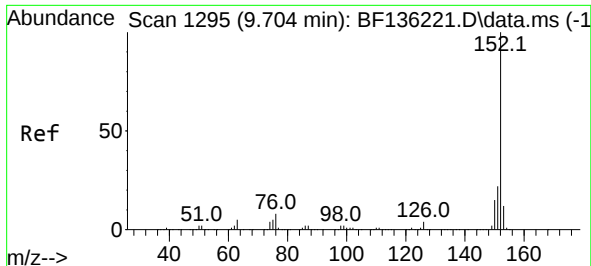
Tgt Ion:162 Resp: 922333
Ion Ratio Lower Upper
162 100
127 37.5 30.2 45.2
164 29.4 22.8 34.2



#48
2-Nitroaniline
Concen: 42.705 ng
RT: 9.387 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion: 65 Resp: 265969
Ion Ratio Lower Upper
65 100
92 66.0 50.6 75.8
138 102.8 76.7 115.1

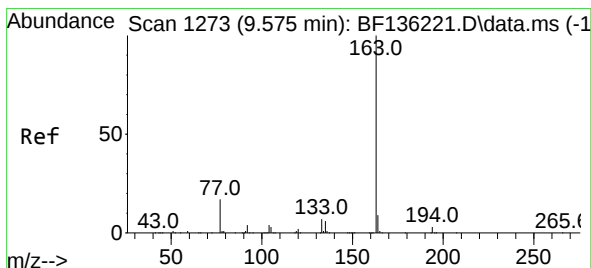
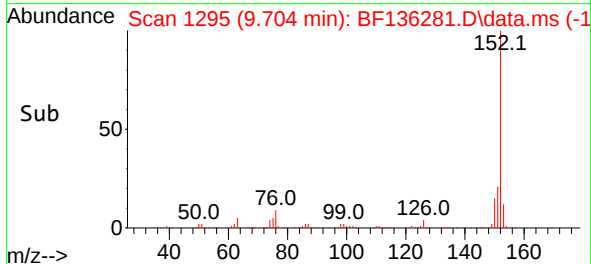
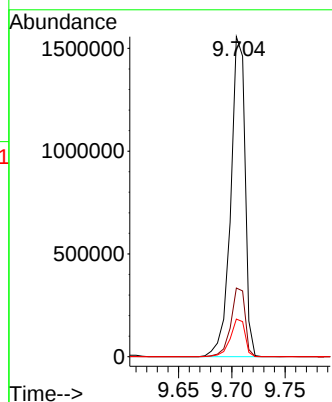
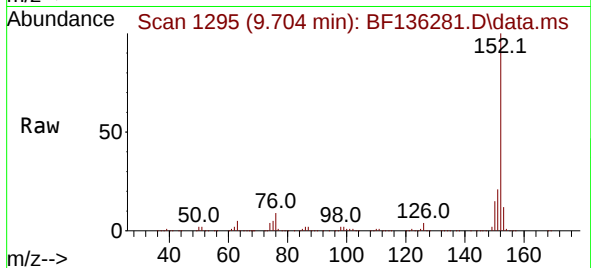




#49
Acenaphthylene
Concen: 42.866 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

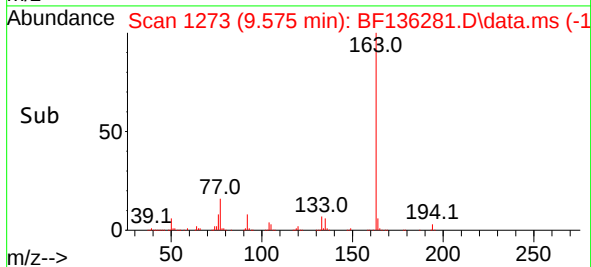
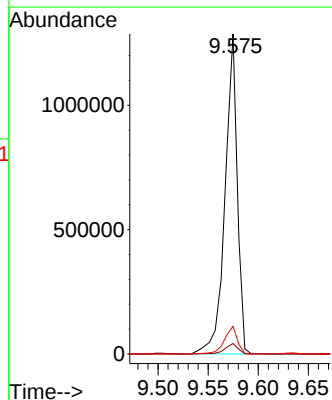
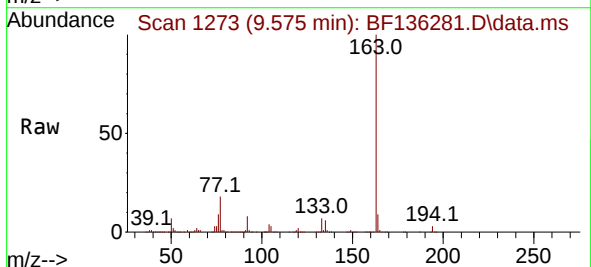
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

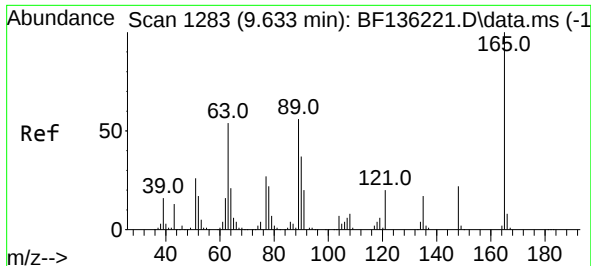
Tgt Ion:152 Resp: 1459248
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 11.7 9.6 14.4



#50
Dimethylphthalate
Concen: 41.475 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:163 Resp: 1091928
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 8.6 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 41.730 ng

RT: 9.634 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

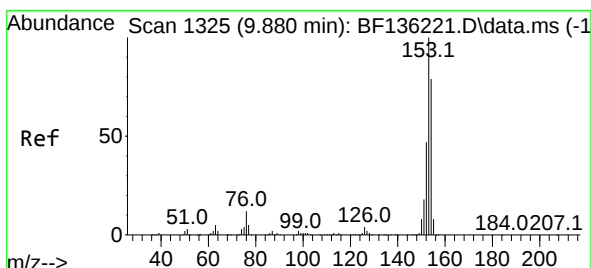
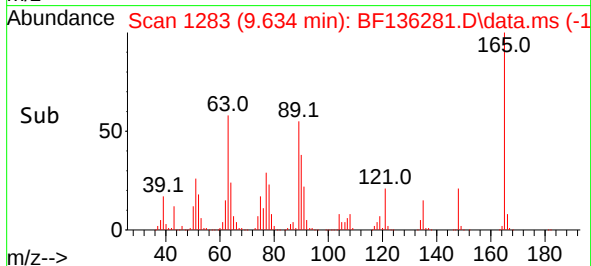
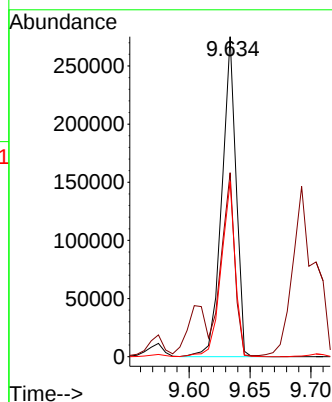
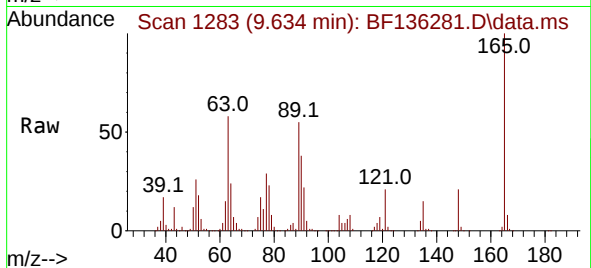
Tgt Ion:165 Resp: 224444

Ion Ratio Lower Upper

165 100

63 57.5 46.2 69.2

89 54.7 44.9 67.3



#52

Acenaphthene

Concen: 40.075 ng

RT: 9.881 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

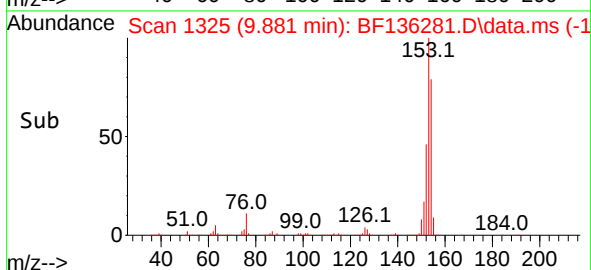
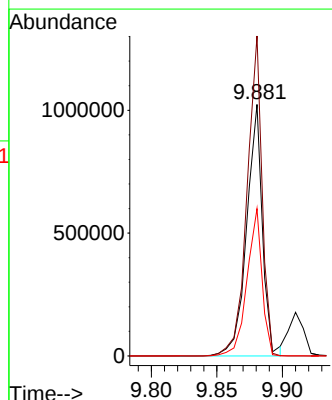
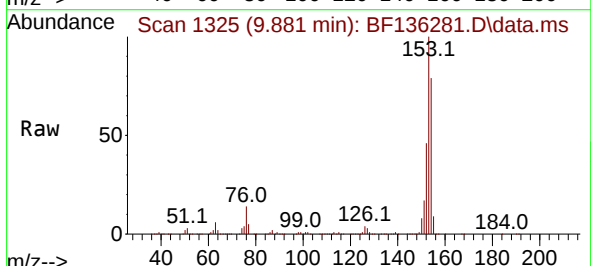
Tgt Ion:154 Resp: 862128

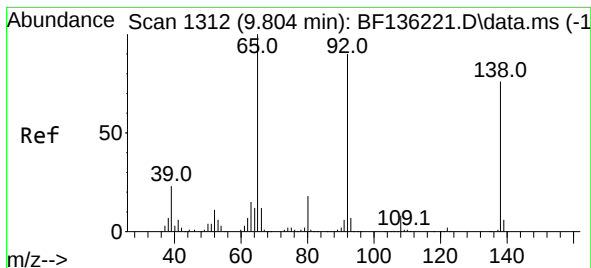
Ion Ratio Lower Upper

154 100

153 127.2 100.8 151.2

152 58.6 47.0 70.6





#53

3-Nitroaniline

Concen: 33.059 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

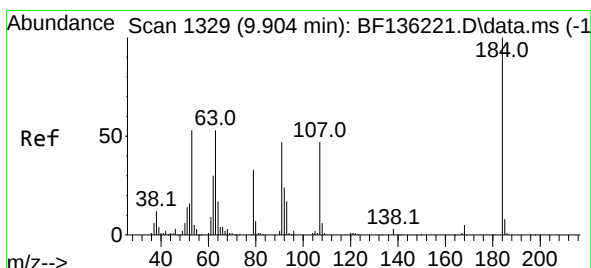
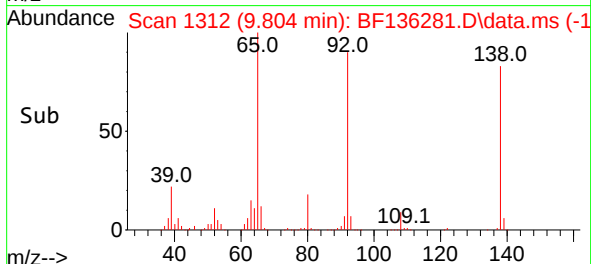
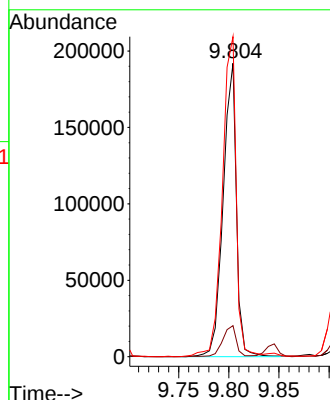
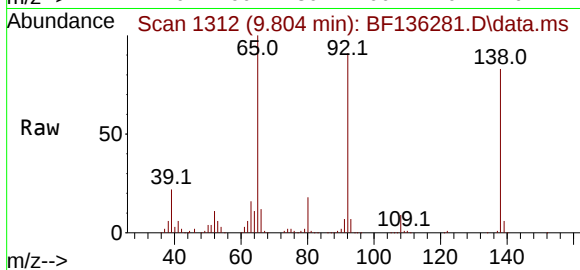
Tgt Ion:138 Resp: 176429

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

92 109.0 94.2 141.4



#54

2,4-Dinitrophenol

Concen: 99.322 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

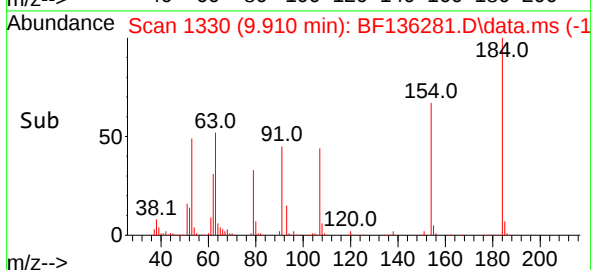
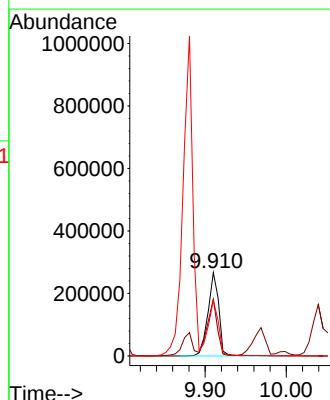
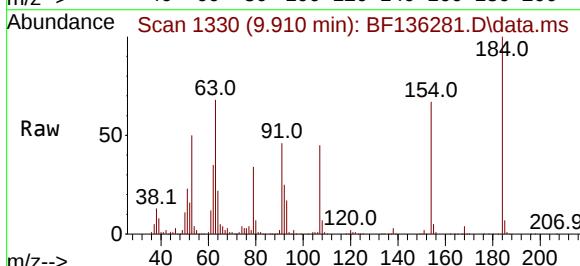
Tgt Ion:184 Resp: 248451

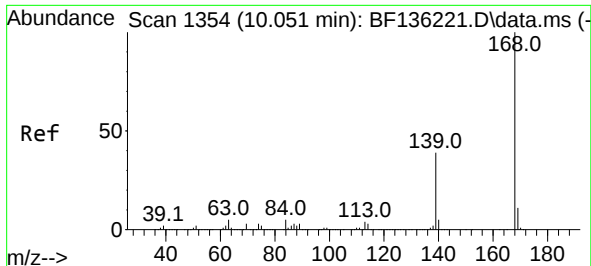
Ion Ratio Lower Upper

184 100

63 68.1 55.0 82.4

154 66.7 54.9 82.3

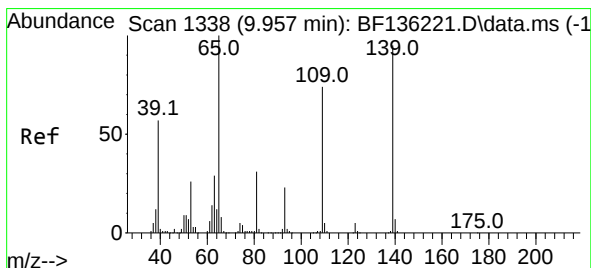
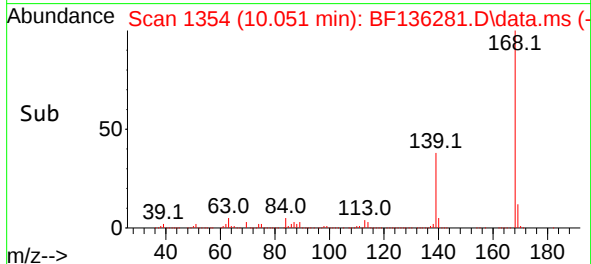
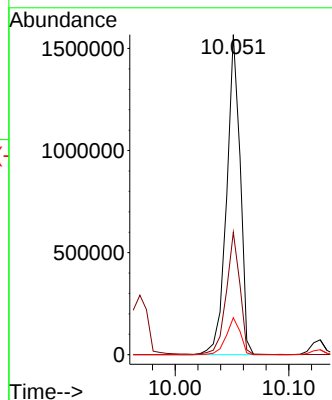
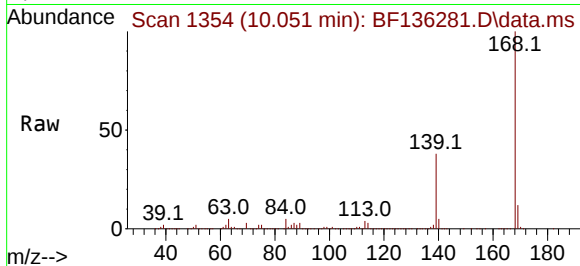




#55
Dibenzofuran
Concen: 40.510 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

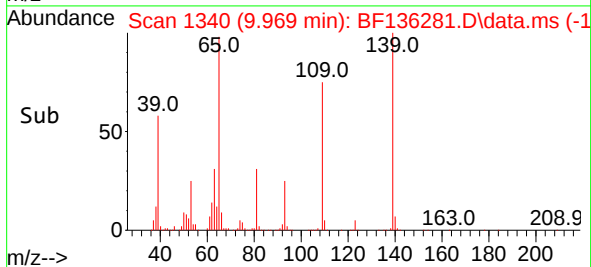
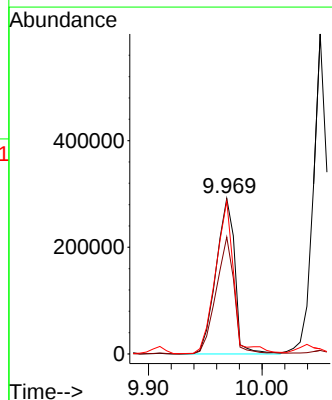
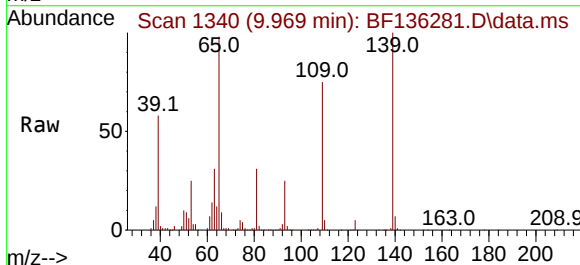
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

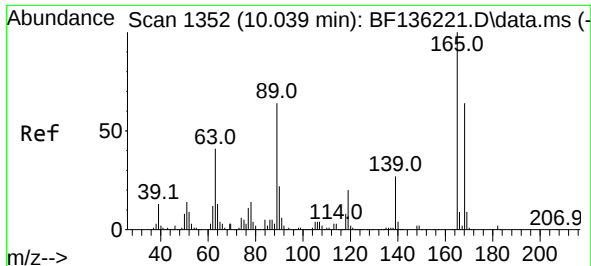
Tgt Ion:168 Resp: 1296798
Ion Ratio Lower Upper
168 100
139 38.3 30.9 46.3
169 11.6 9.1 13.7



#56
4-Nitrophenol
Concen: 82.721 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:139 Resp: 335287
Ion Ratio Lower Upper
139 100
109 75.2 57.8 97.8
65 98.4 86.0 126.0

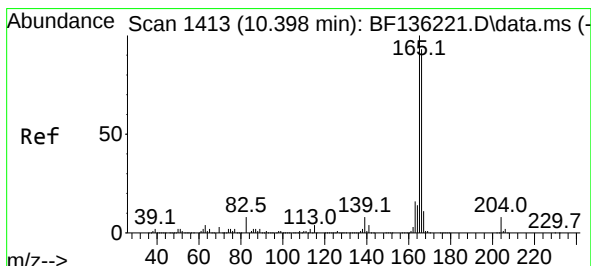
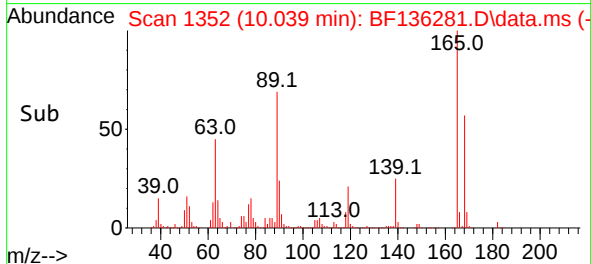
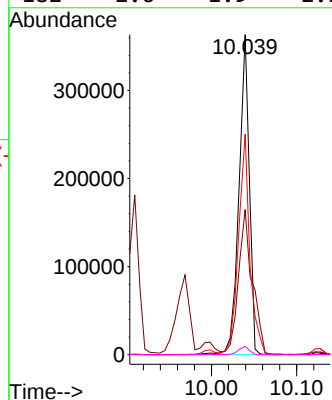
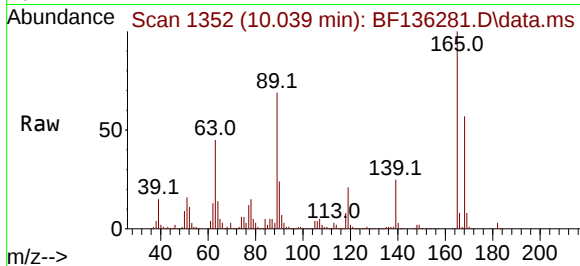




#57
2,4-Dinitrotoluene
Concen: 42.748 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

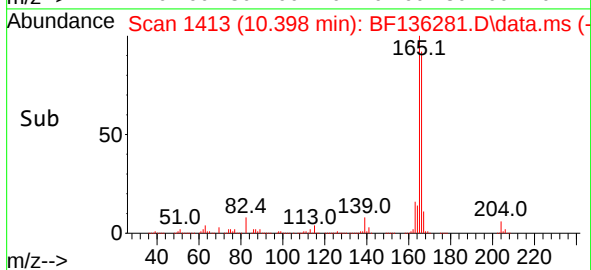
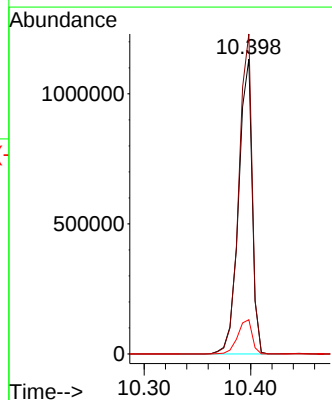
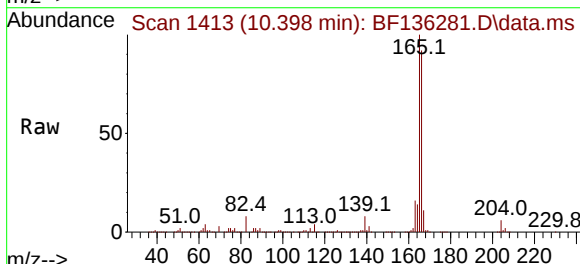
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

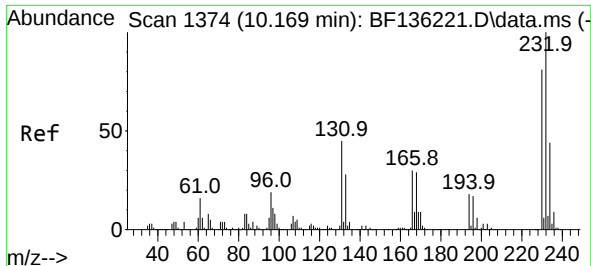
Tgt Ion:165 Resp: 307117
Ion Ratio Lower Upper
165 100
63 45.4 33.0 49.4
89 68.9 51.5 77.3
182 2.6 1.9 2.9



#58
Fluorene
Concen: 39.907 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:166 Resp: 1002066
Ion Ratio Lower Upper
166 100
165 108.5 86.2 129.4
167 11.6 9.1 13.7

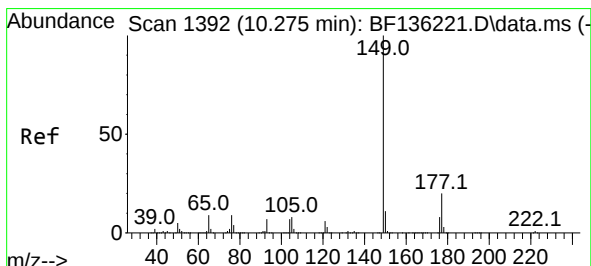
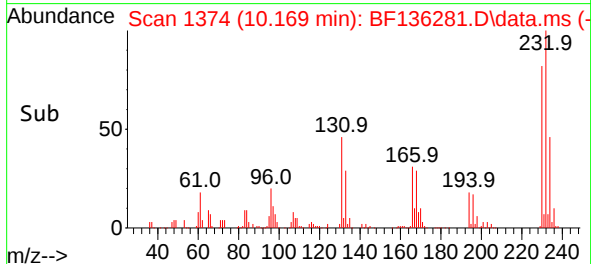
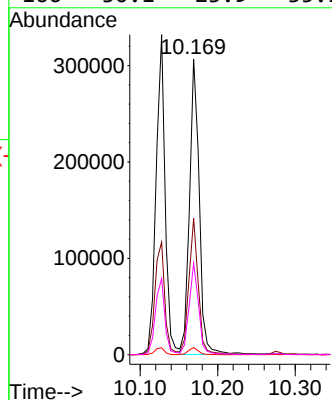
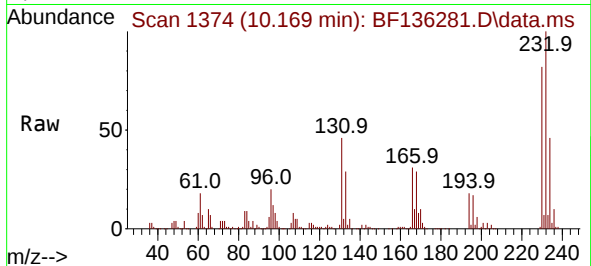




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.801 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

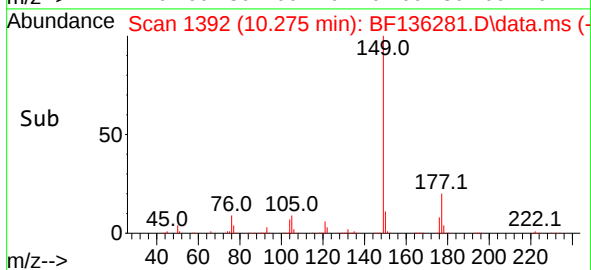
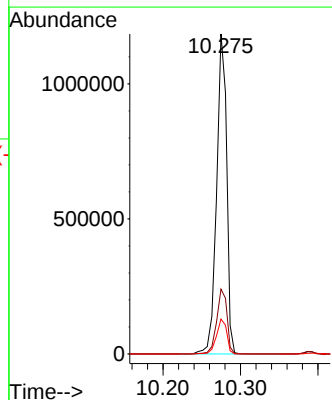
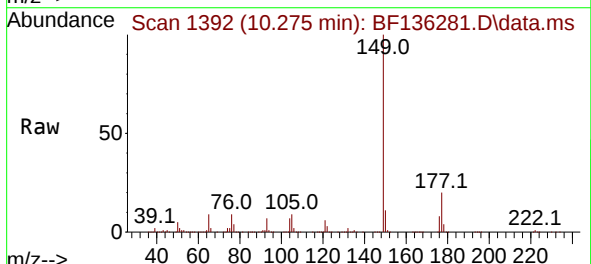
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

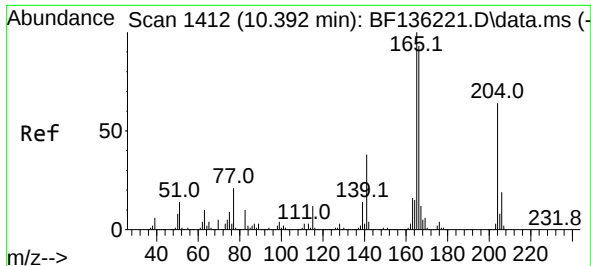
Tgt Ion:232 Resp: 267408
Ion Ratio Lower Upper
232 100
131 44.4 36.4 54.6
130 2.5 1.9 2.9
166 30.1 23.9 35.9



#60
Diethylphthalate
Concen: 40.514 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:149 Resp: 1066958
Ion Ratio Lower Upper
149 100
177 20.3 15.8 23.6
150 10.9 8.8 13.2

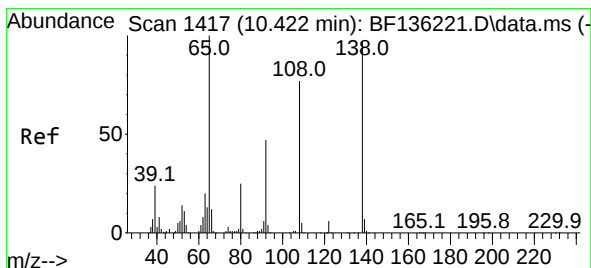
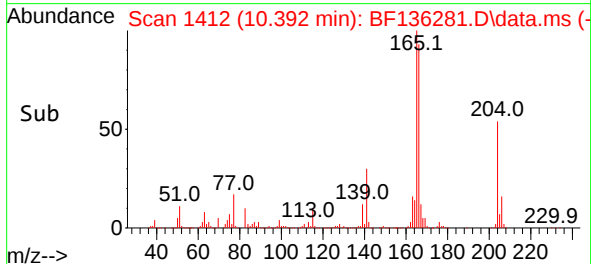
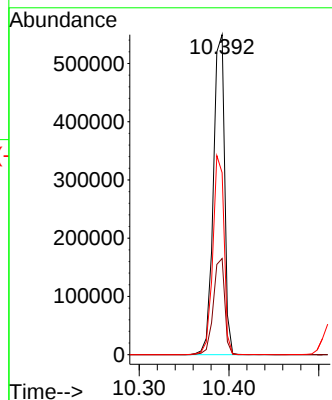
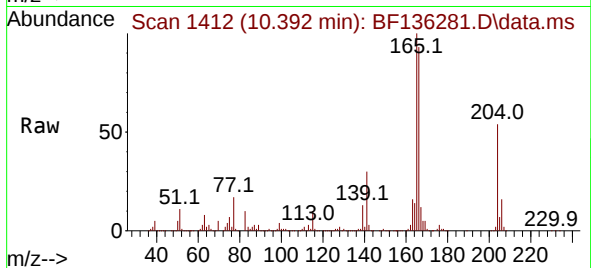




#61
4-Chlorophenyl-phenylether
Concen: 39.216 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

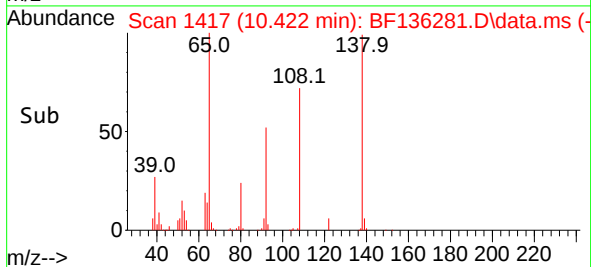
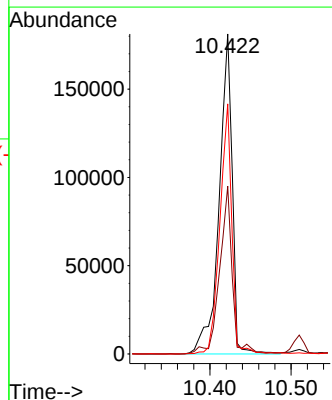
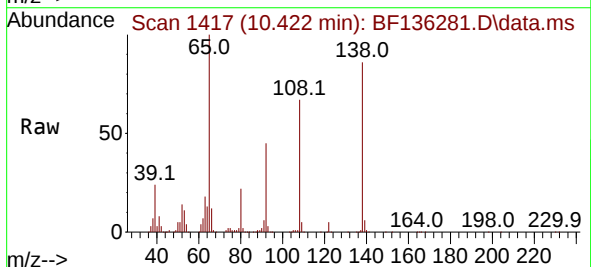
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

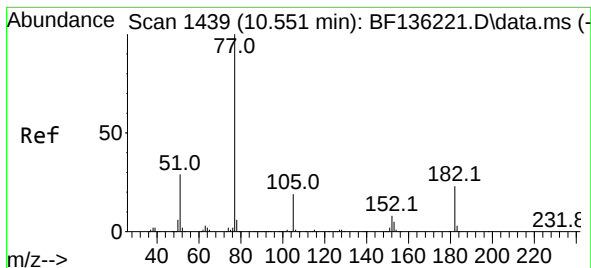
Tgt Ion:204 Resp: 478207
Ion Ratio Lower Upper
204 100
206 30.0 23.4 35.0
141 56.9 47.6 71.4



#62
4-Nitroaniline
Concen: 39.055 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:138 Resp: 204016
Ion Ratio Lower Upper
138 100
92 52.5 28.5 68.5
108 78.1 59.8 99.8





#63

Azobenzene

Concen: 40.087 ng

RT: 10.551 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

Tgt Ion: 77 Resp: 978726

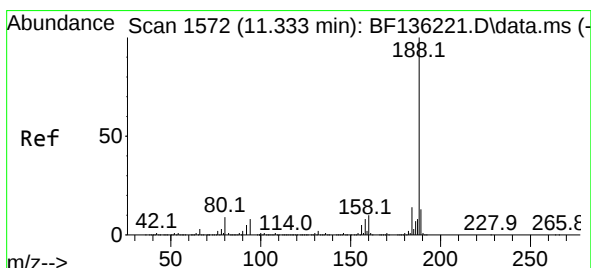
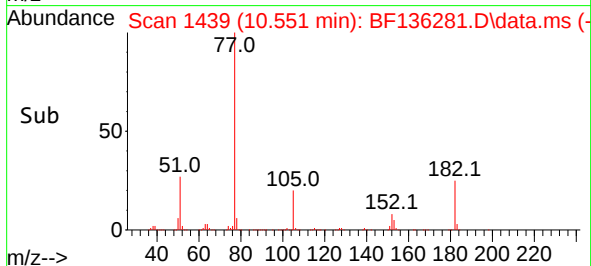
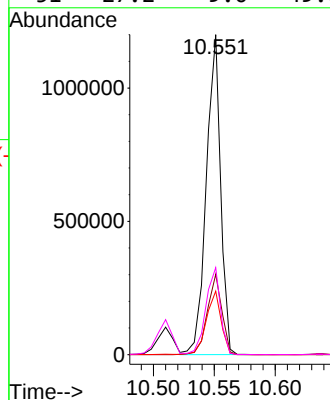
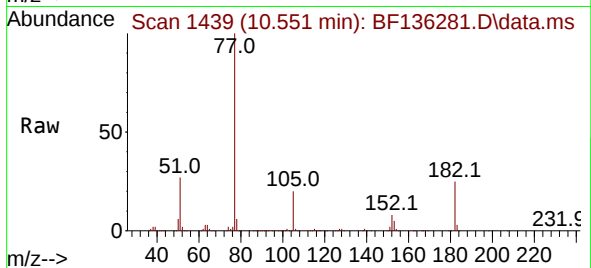
Ion Ratio Lower Upper

77 100

182 25.1 3.3 43.3

105 19.9 0.0 39.5

51 27.2 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: BF136281.D

Acq: 29 Nov 2023 13:53

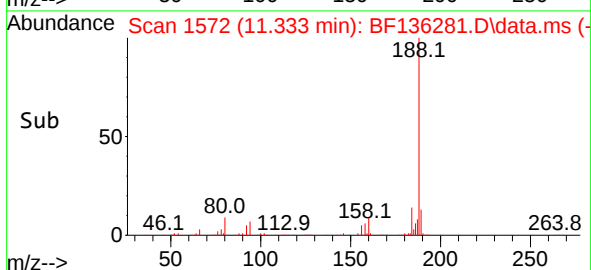
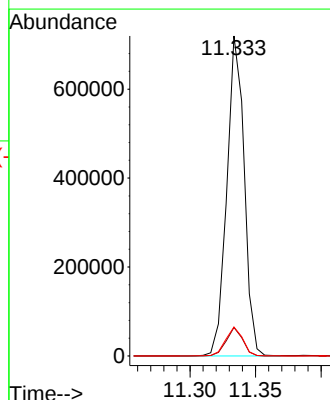
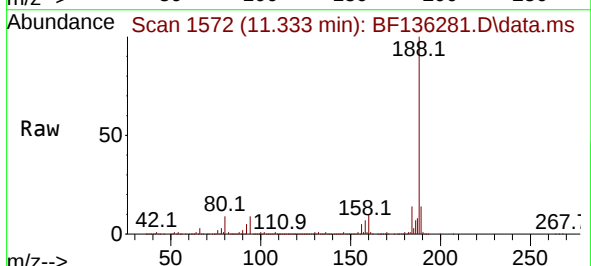
Tgt Ion: 188 Resp: 662266

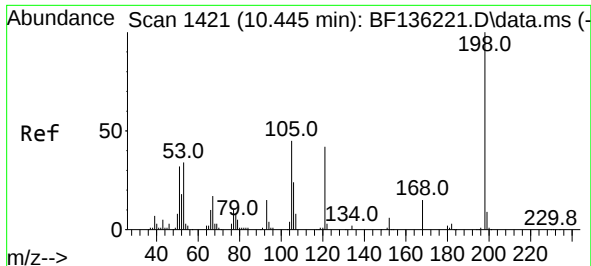
Ion Ratio Lower Upper

188 100

94 8.9 6.7 10.1

80 9.0 7.2 10.8

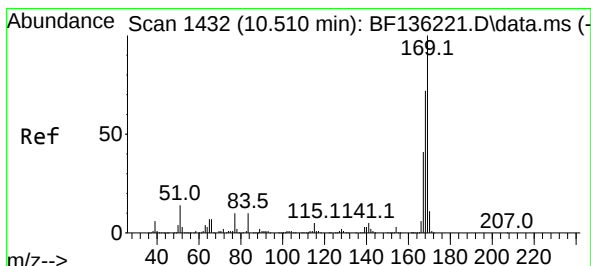
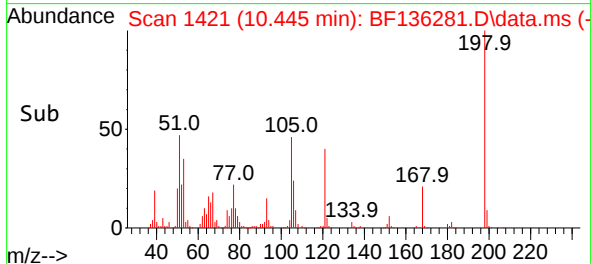
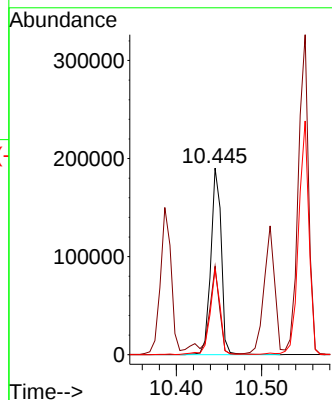
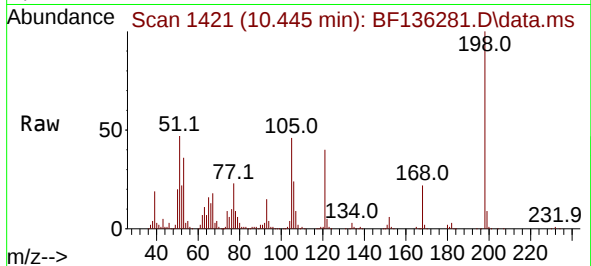




#65
4,6-Dinitro-2-methylphenol
Concen: 44.540 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

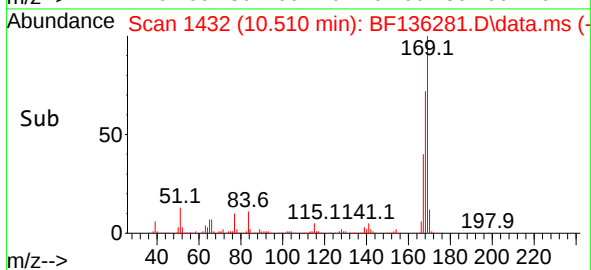
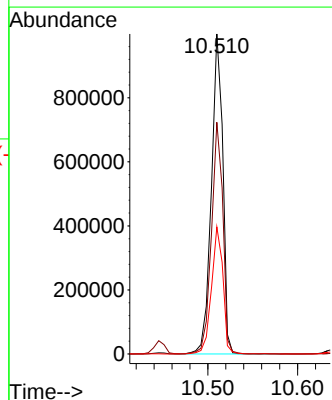
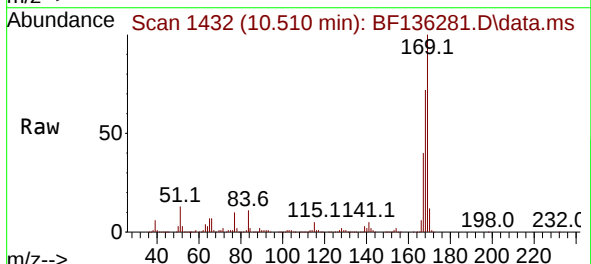
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

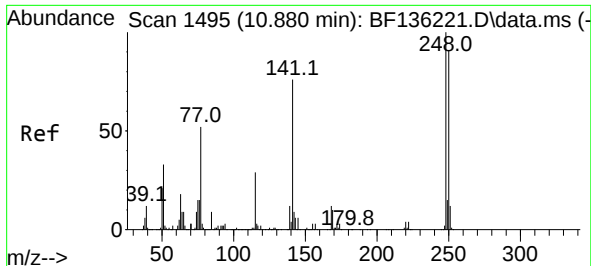
Tgt Ion:198 Resp: 161304
Ion Ratio Lower Upper
198 100
51 47.4 28.2 68.2
105 45.6 25.7 65.7



#66
n-Nitrosodiphenylamine
Concen: 41.610 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:169 Resp: 883091
Ion Ratio Lower Upper
169 100
168 72.4 57.8 86.6
167 39.7 32.7 49.1

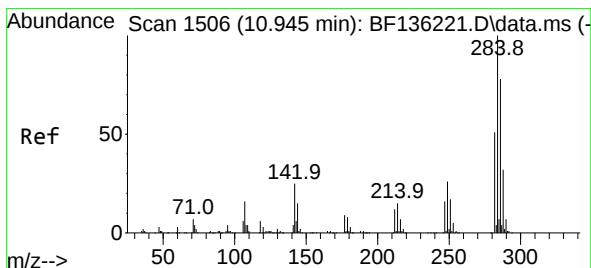
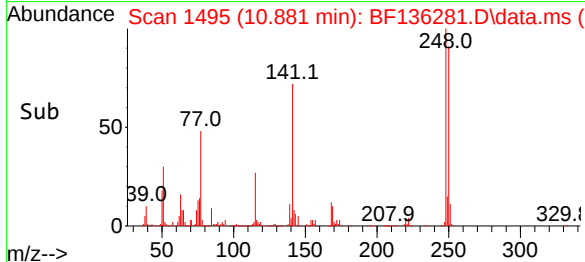
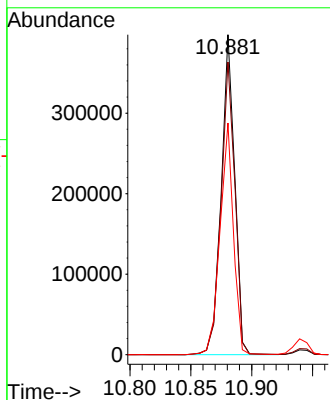
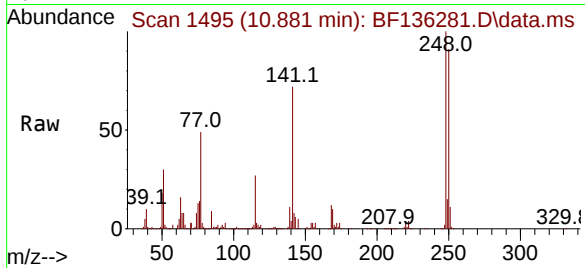




#67
4-Bromophenyl-phenylether
Concen: 39.771 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

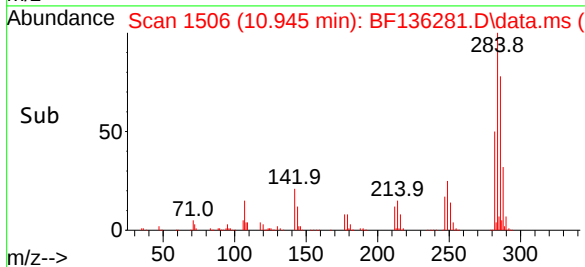
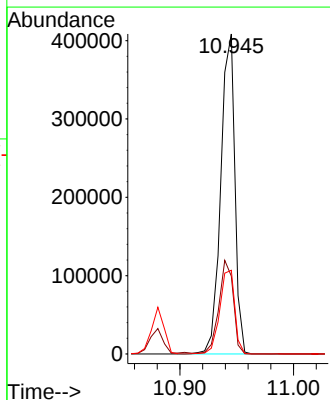
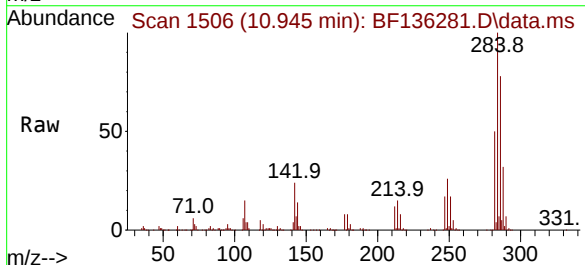
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

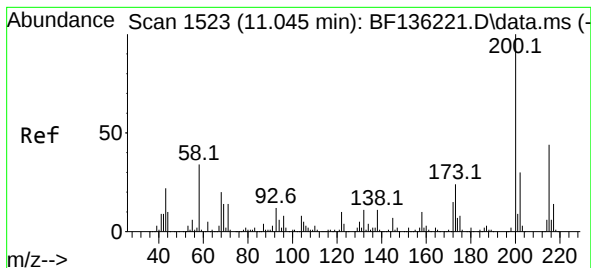
Tgt Ion:248 Resp: 307287
Ion Ratio Lower Upper
248 100
250 91.4 72.5 108.7
141 72.4 60.8 91.2



#68
Hexachlorobenzene
Concen: 39.497 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:284 Resp: 353194
Ion Ratio Lower Upper
284 100
142 24.4 19.8 29.8
249 26.1 21.0 31.4





#69

Atrazine

Concen: 40.885 ng

RT: 11.045 min Scan# 1523

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

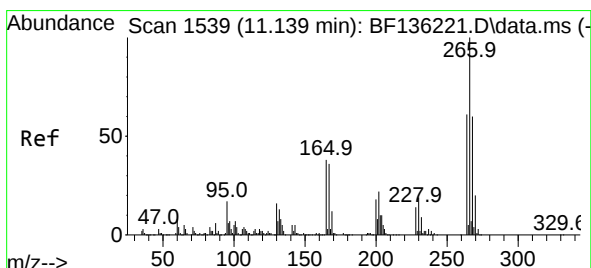
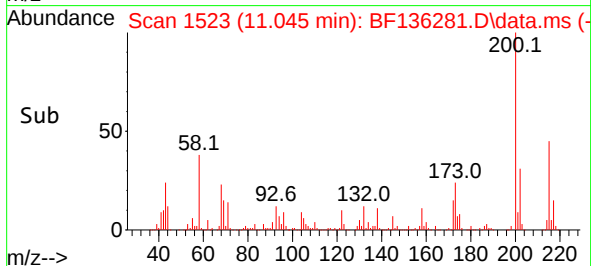
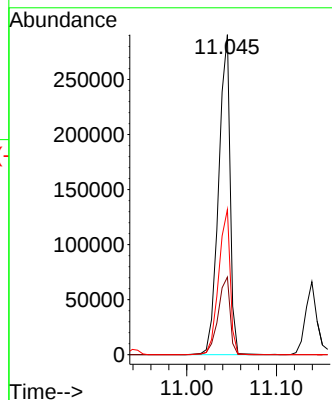
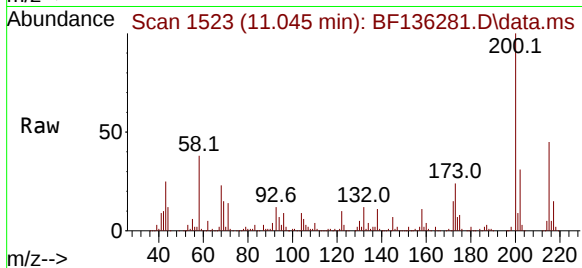
Tgt Ion:200 Resp: 257404

Ion Ratio Lower Upper

200 100

173 24.3 4.3 44.3

215 45.4 23.8 63.8



#70

Pentachlorophenol

Concen: 66.735 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

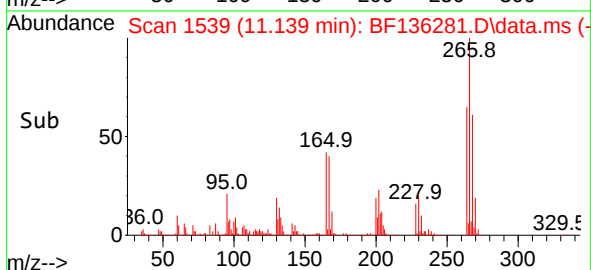
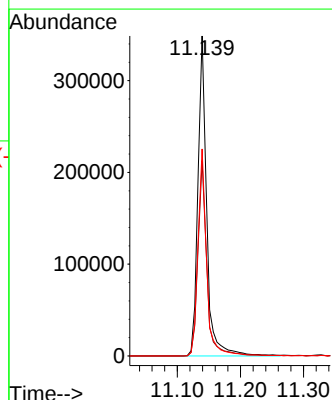
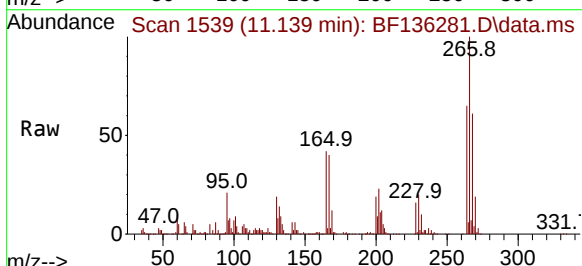
Tgt Ion:266 Resp: 337323

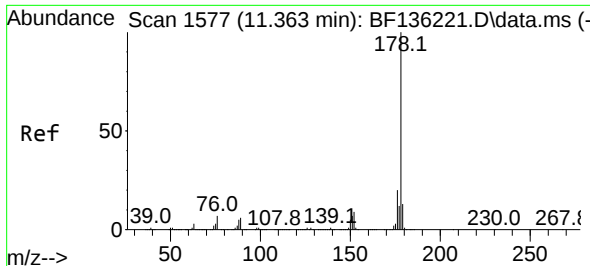
Ion Ratio Lower Upper

266 100

268 61.0 47.9 71.9

264 64.7 49.1 73.7

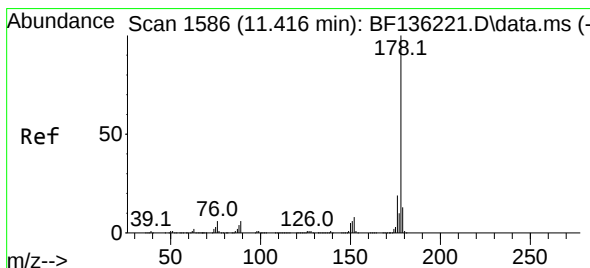
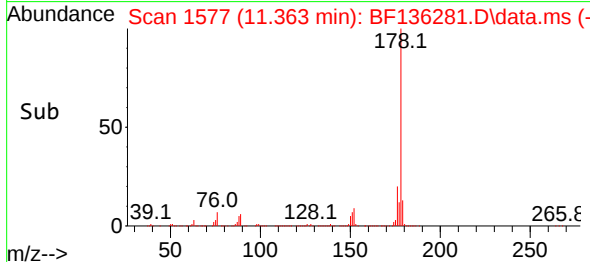
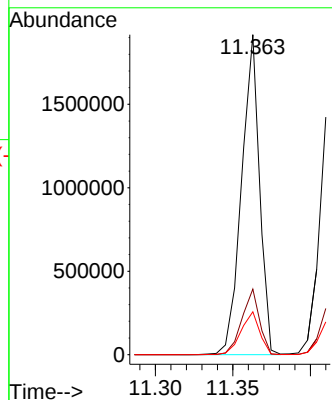
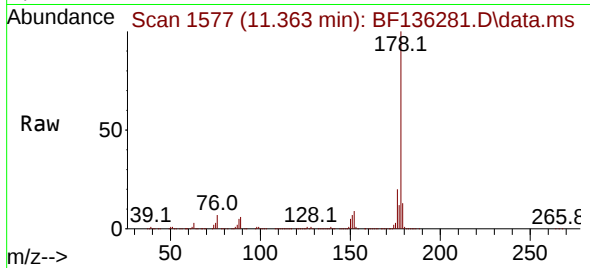




#71
Phenanthrene
Concen: 41.571 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

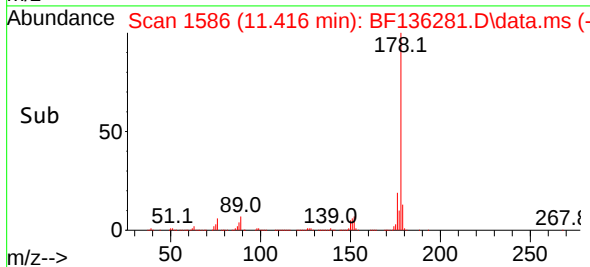
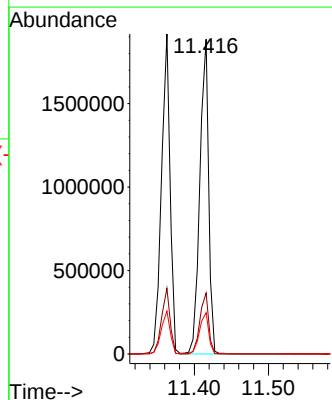
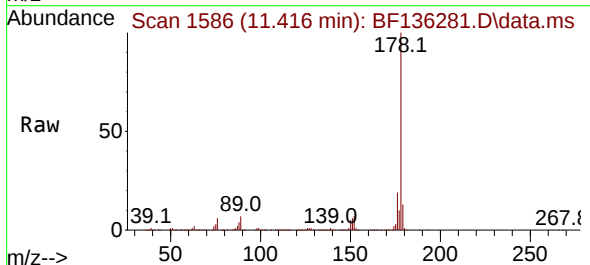
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

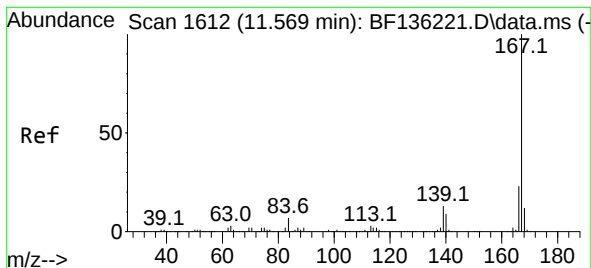
Tgt Ion:178 Resp: 1547388
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 13.4 10.3 15.5



#72
Anthracene
Concen: 41.644 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:178 Resp: 1554449
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 13.1 10.5 15.7





#73

Carbazole

Concen: 39.529 ng

RT: 11.569 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

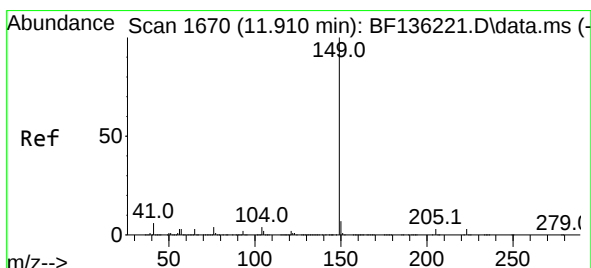
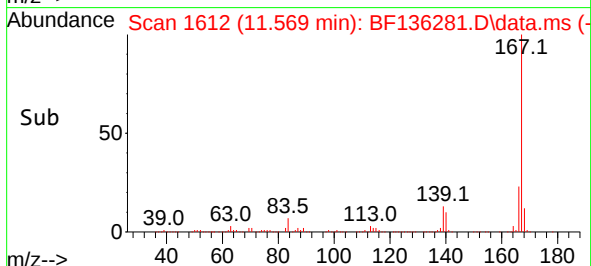
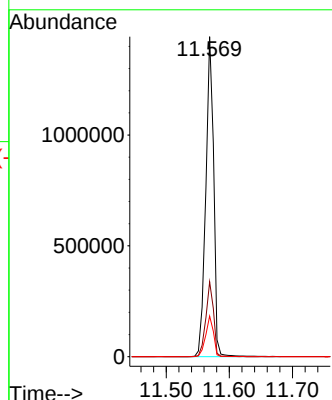
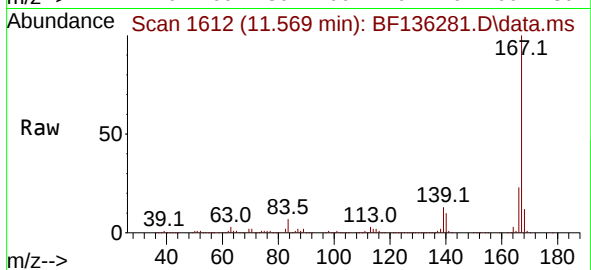
Tgt Ion:167 Resp: 1254922

Ion Ratio Lower Upper

167 100

166 23.4 18.4 27.6

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.221 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

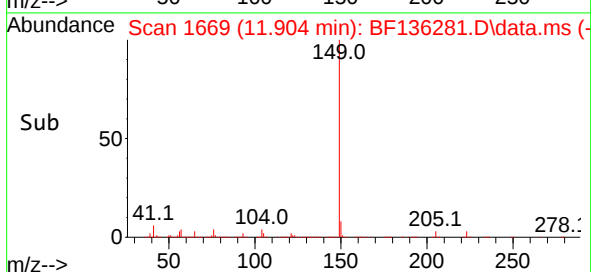
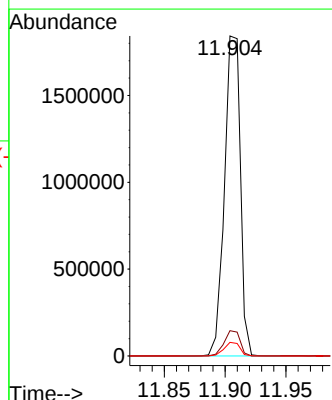
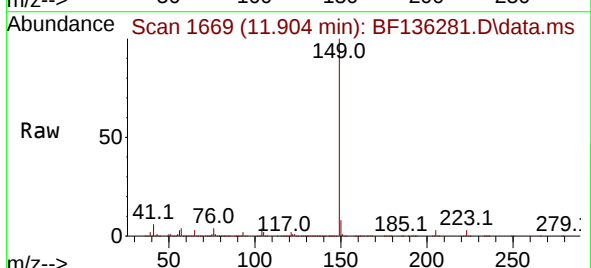
Tgt Ion:149 Resp: 1677121

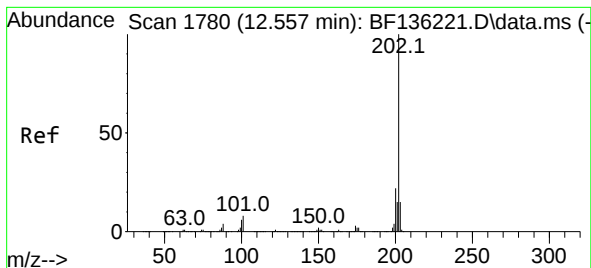
Ion Ratio Lower Upper

149 100

150 7.9 6.0 9.0

104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 38.712 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

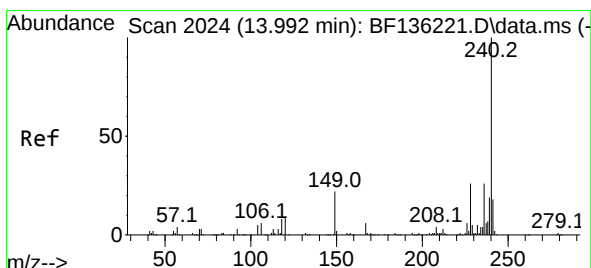
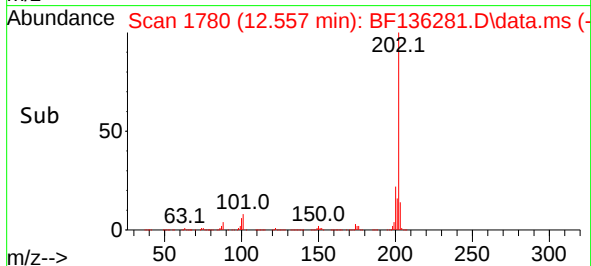
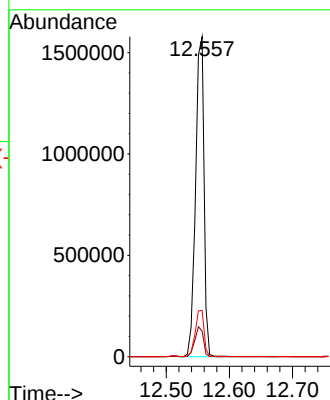
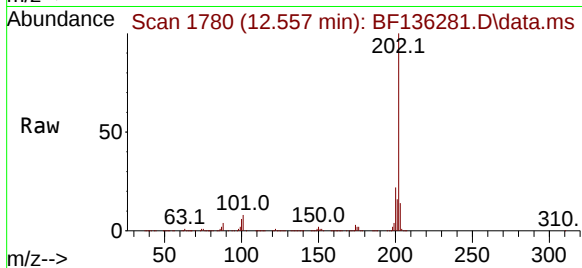
Tgt Ion:202 Resp: 1462800

Ion Ratio Lower Upper

202 100

101 8.0 0.0 27.8

203 14.4 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: BF136281.D

Acq: 29 Nov 2023 13:53

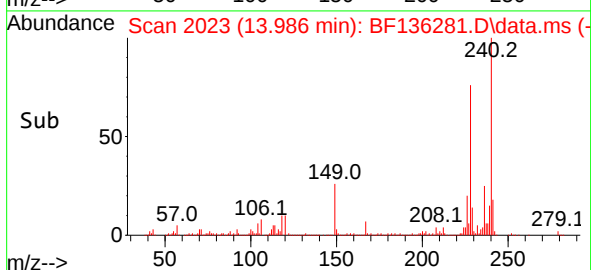
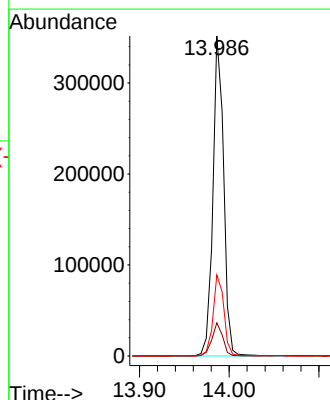
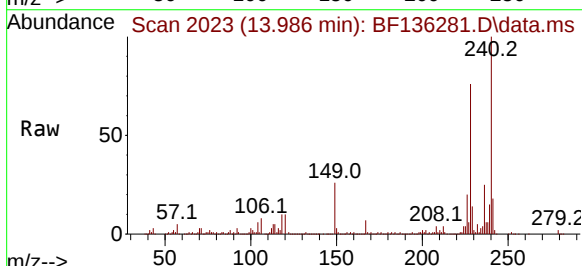
Tgt Ion:240 Resp: 292742

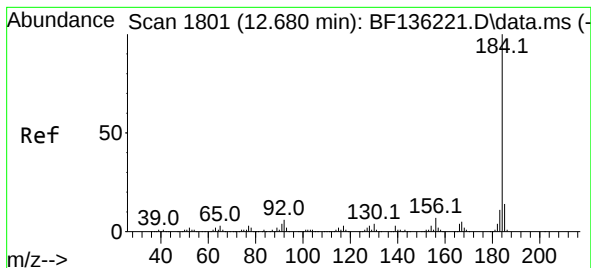
Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.2

236 25.4 21.1 31.7





#77

Benzidine

Concen: 22.046 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.005 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

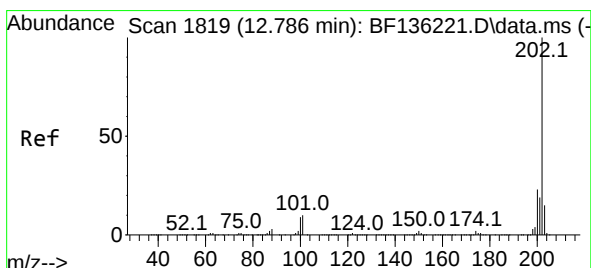
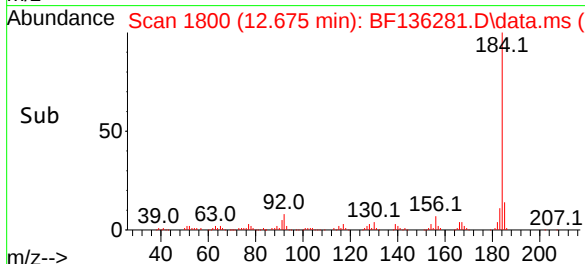
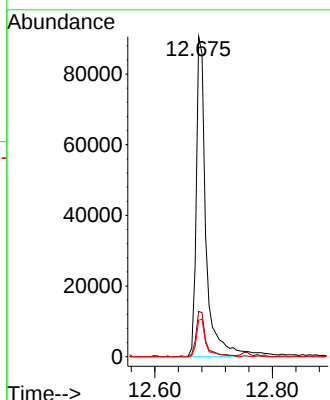
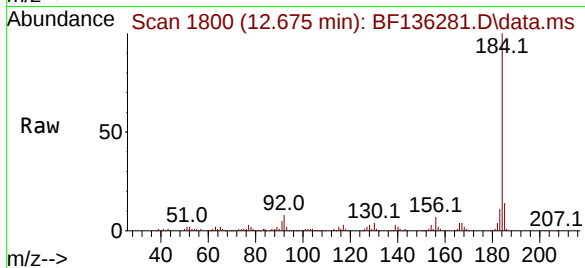
Tgt Ion:184 Resp: 106090

Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.6

183 11.4 9.0 13.4



#78

Pyrene

Concen: 44.790 ng

RT: 12.786 min Scan# 1819

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

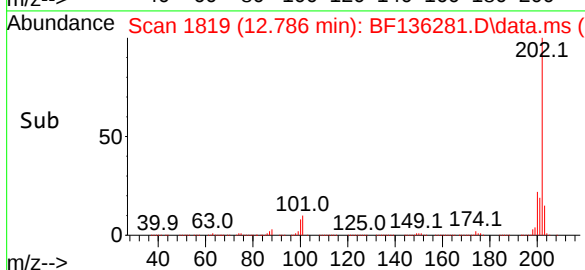
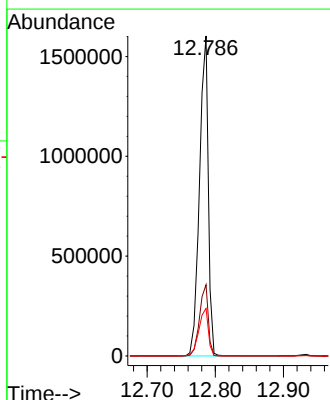
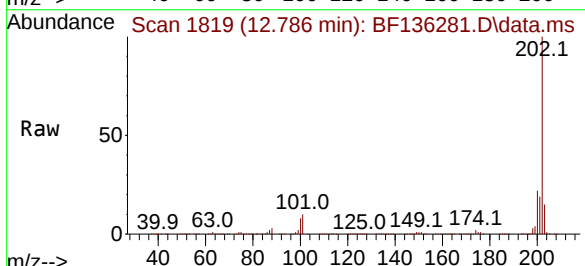
Tgt Ion:202 Resp: 1435978

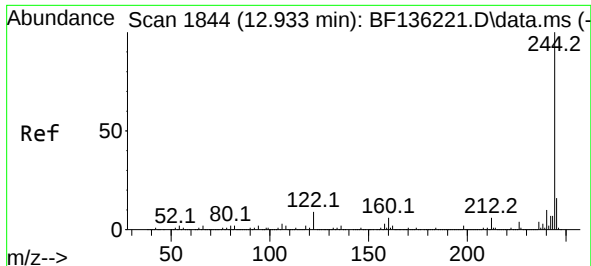
Ion Ratio Lower Upper

202 100

200 22.2 18.4 27.6

203 14.9 11.8 17.6

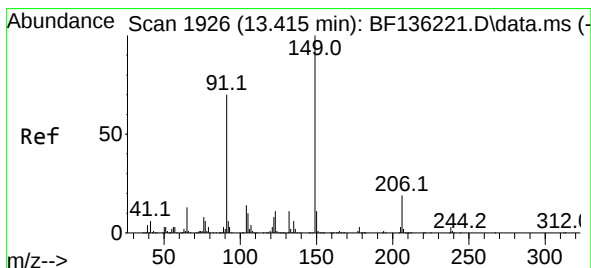
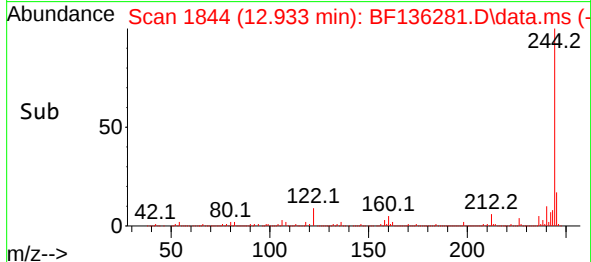
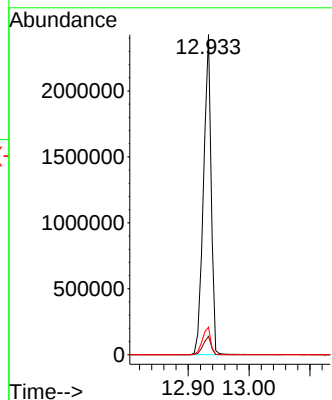
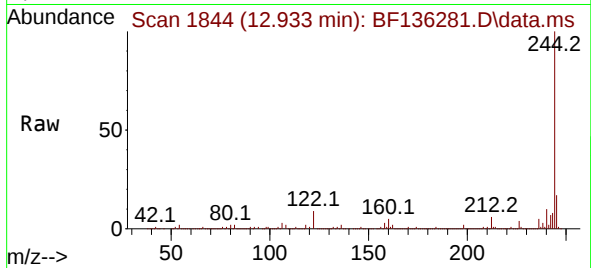




#79
 Terphenyl-d14
 Concen: 83.396 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53

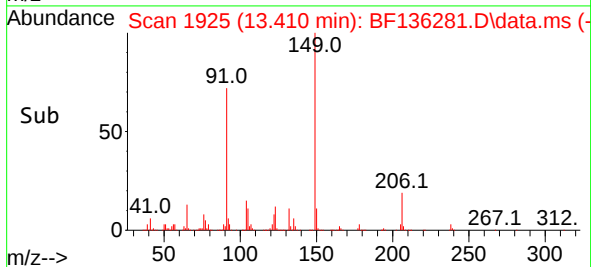
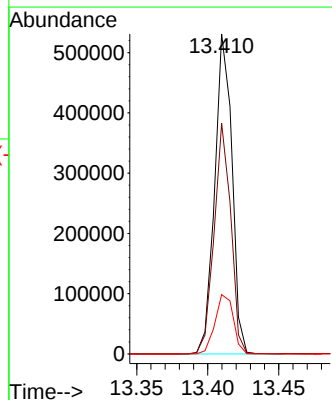
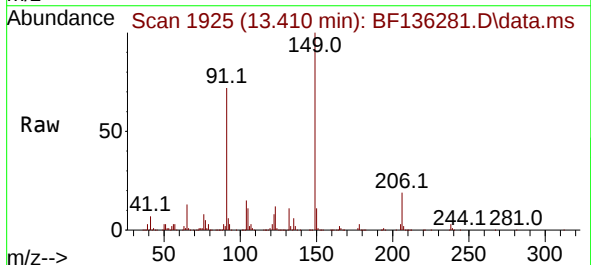
Instrument :
 BNA_F
 ClientSampleId :
 PB157023BSD

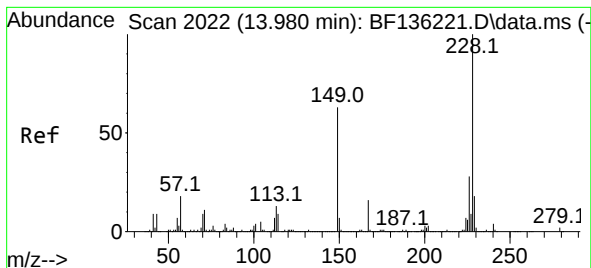
Tgt Ion:244 Resp: 2116492
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.6 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 45.065 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136281.D
 Acq: 29 Nov 2023 13:53

Tgt Ion:149 Resp: 449660
 Ion Ratio Lower Upper
 149 100
 91 72.1 56.4 84.6
 206 18.5 14.8 22.2





#81

Benzo(a)anthracene

Concen: 41.310 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

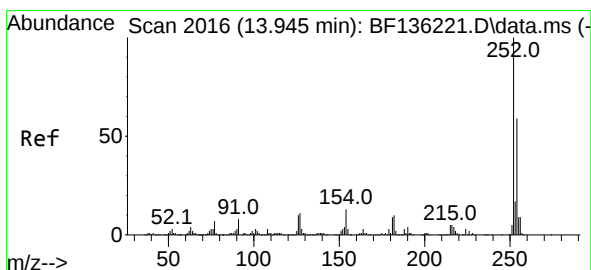
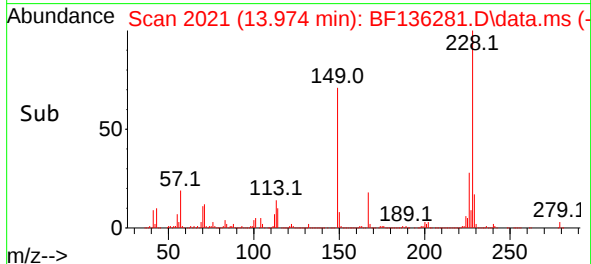
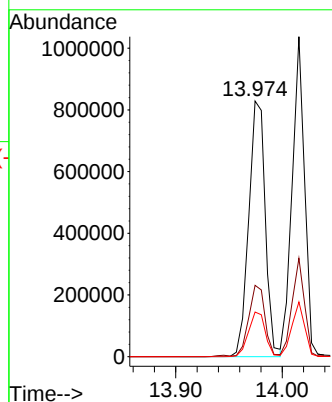
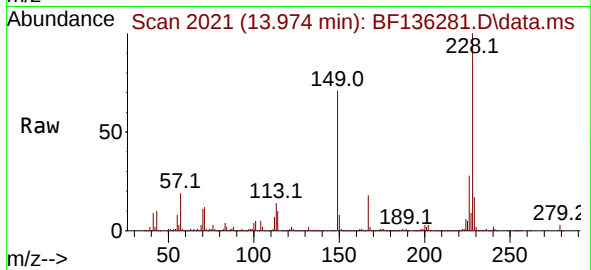
Tgt Ion:228 Resp: 898237

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

229 17.5 14.0 21.0



#82

3,3'-Dichlorobenzidine

Concen: 44.480 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

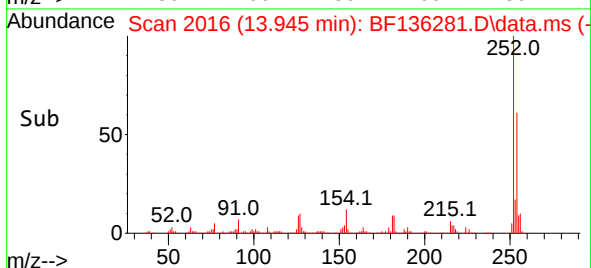
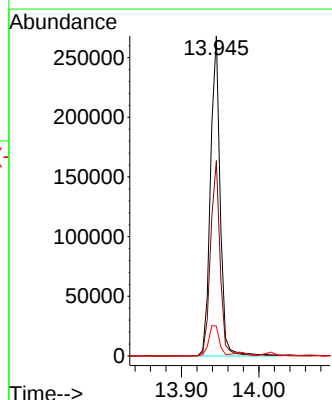
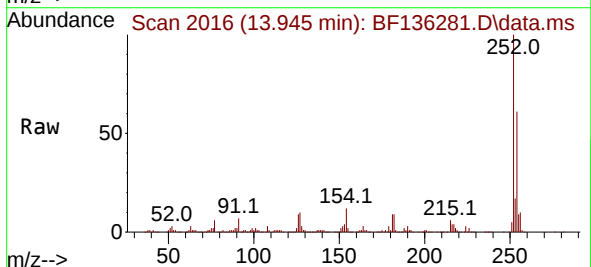
Tgt Ion:252 Resp: 232812

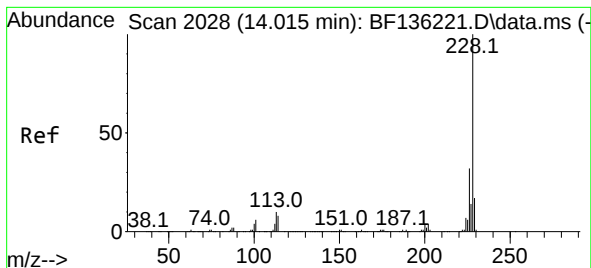
Ion Ratio Lower Upper

252 100

254 61.1 47.4 71.2

126 9.3 8.3 12.5





#83

Chrysene

Concen: 40.278 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

Instrument :

BNA_F

ClientSampleId :

PB157023BSD

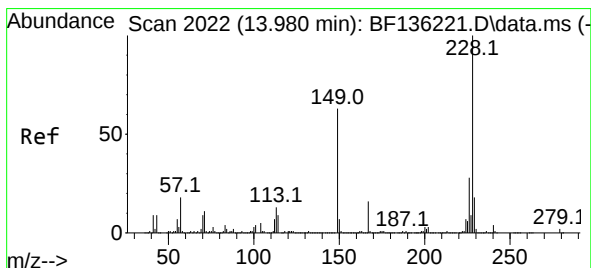
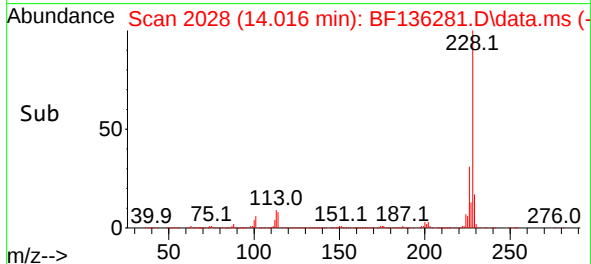
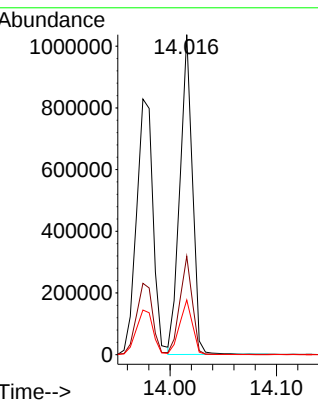
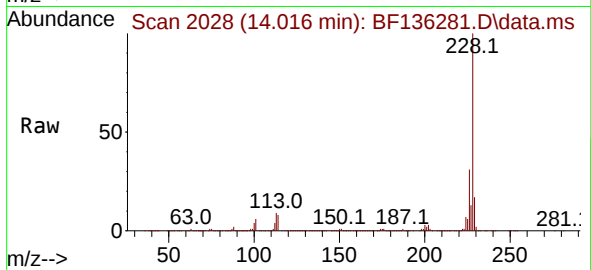
Tgt Ion:228 Resp: 845623

Ion Ratio Lower Upper

228 100

226 30.8 25.5 38.3

229 17.1 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.127 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136281.D

Acq: 29 Nov 2023 13:53

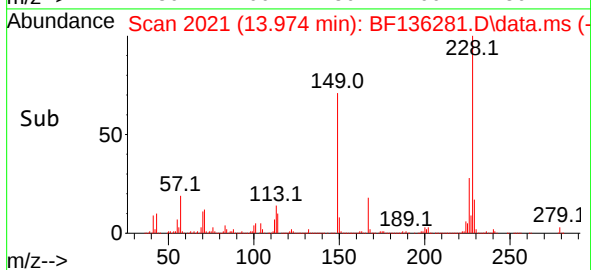
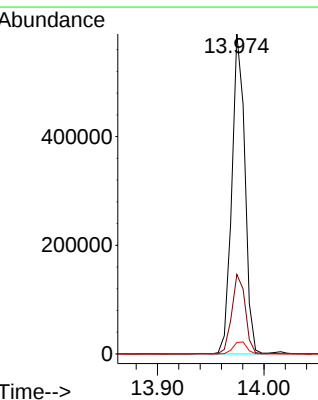
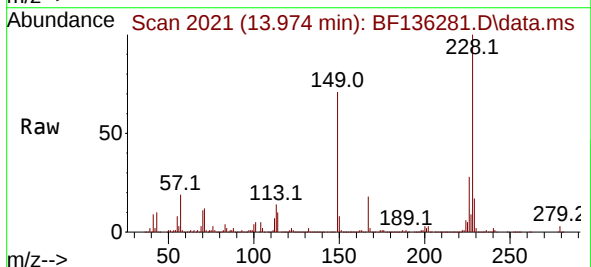
Tgt Ion:149 Resp: 504463

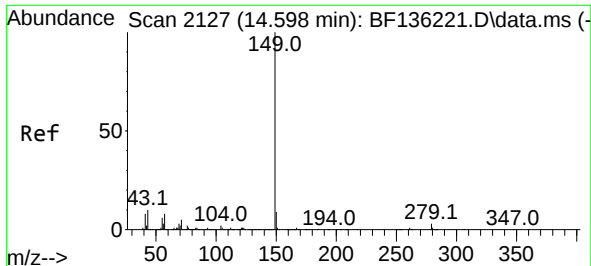
Ion Ratio Lower Upper

149 100

167 24.9 20.2 30.2

279 3.6 2.4 3.6

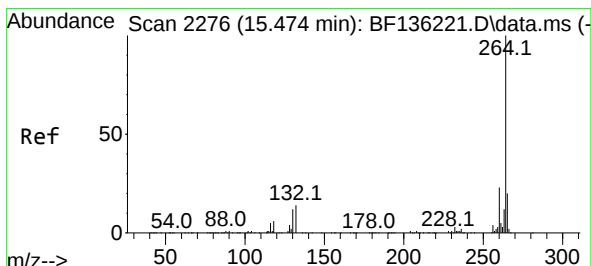
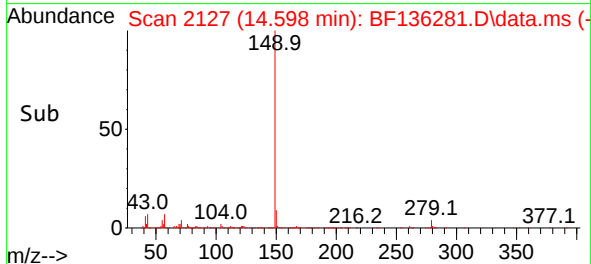
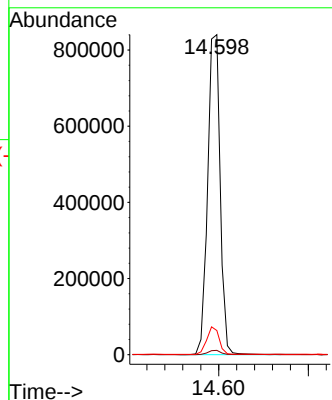
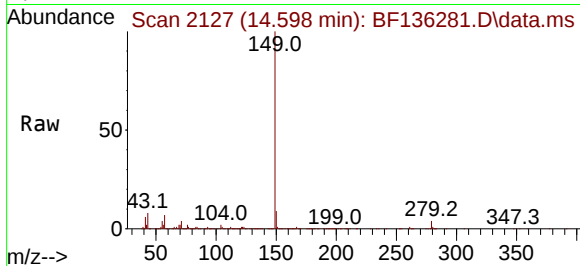




#85
Di-n-octyl phthalate
Concen: 42.477 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

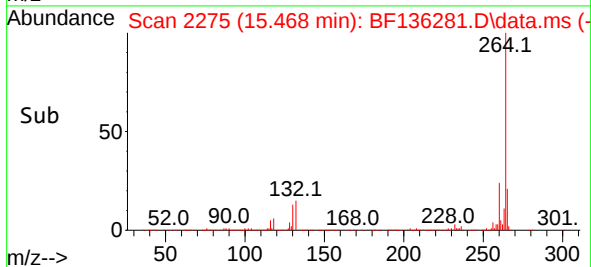
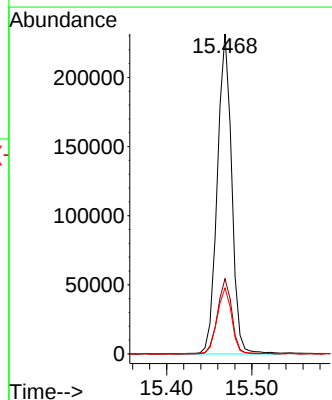
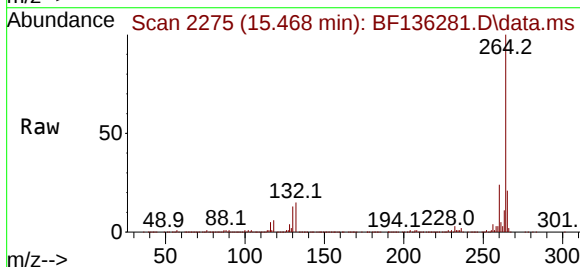
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

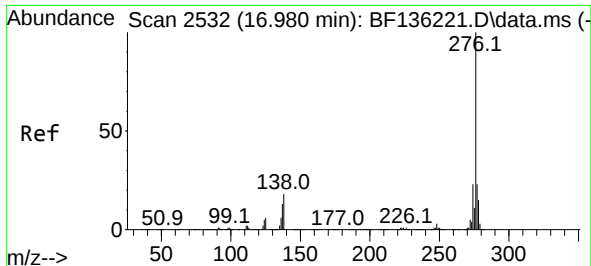
Tgt Ion:149 Resp: 813159
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 8.5 7.2 10.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:264 Resp: 272293
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 20.6 15.7 23.5

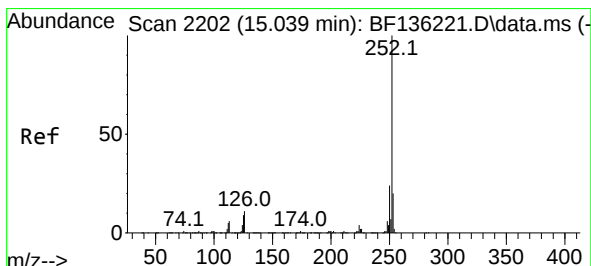
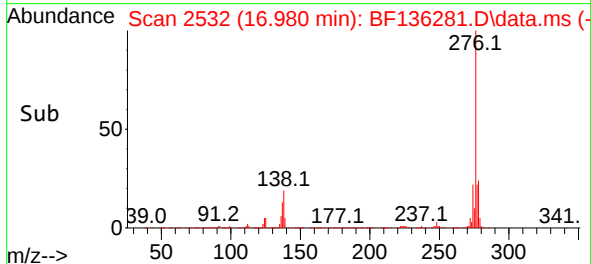
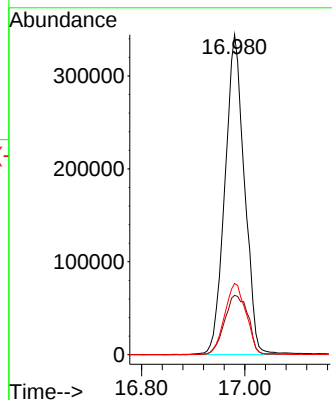
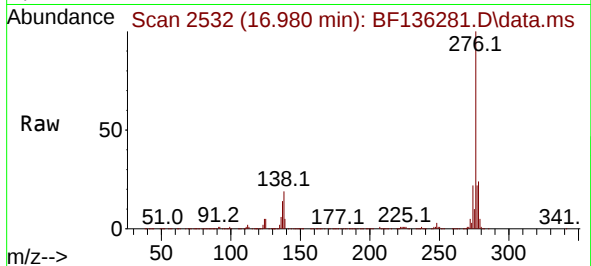




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.458 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

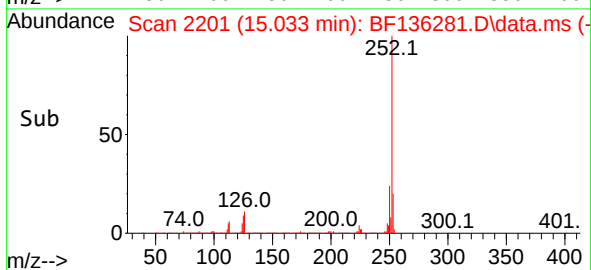
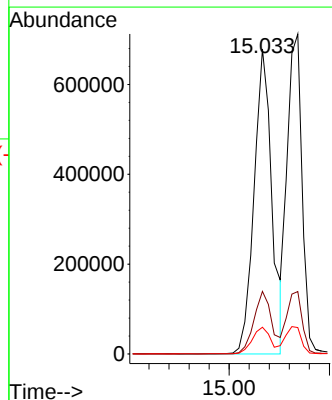
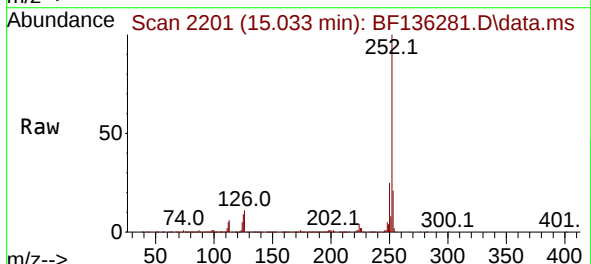
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

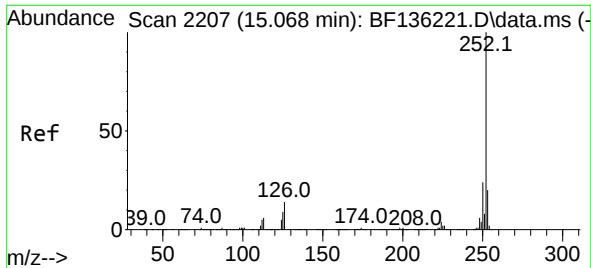
Tgt Ion:276 Resp: 900599
Ion Ratio Lower Upper
276 100
138 22.6 17.7 26.5
277 24.8 19.6 29.4



#88
Benzo(b)fluoranthene
Concen: 43.746 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:252 Resp: 835703
Ion Ratio Lower Upper
252 100
253 20.5 16.2 24.2
125 8.7 6.9 10.3

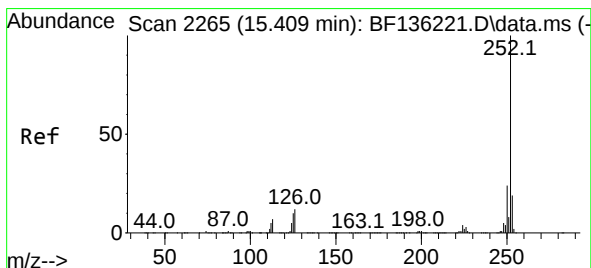
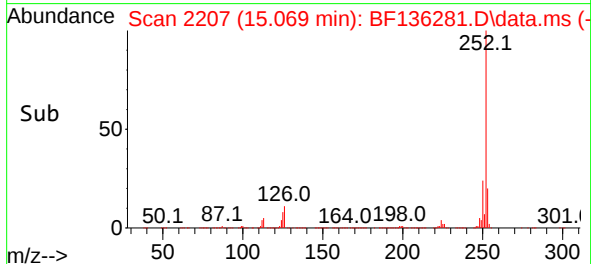
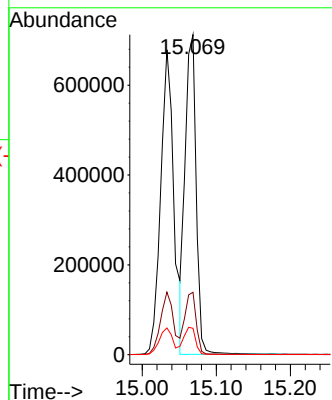
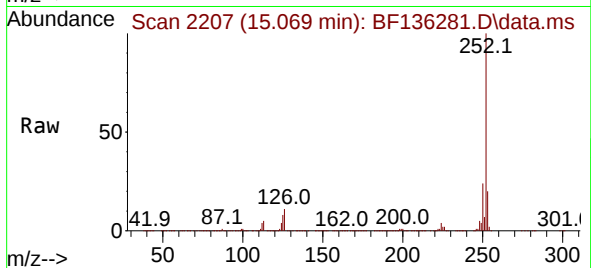




#89
Benzo(k)fluoranthene
Concen: 40.863 ng
RT: 15.069 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

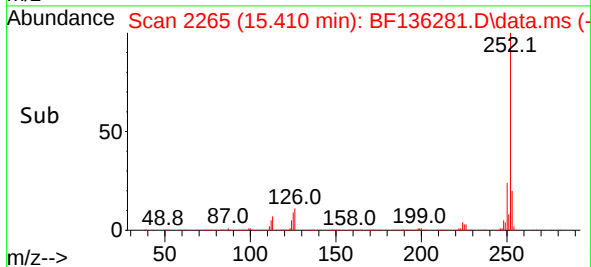
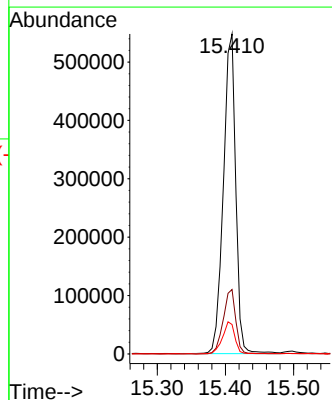
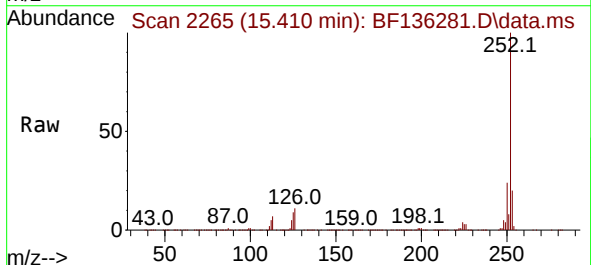
Instrument :
BNA_F
ClientSampleId :
PB157023BSD

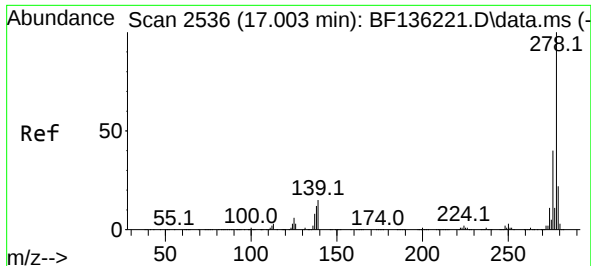
Tgt Ion:252 Resp: 741418
Ion Ratio Lower Upper
252 100
253 19.5 15.6 23.4
125 8.2 7.0 10.4



#90
Benzo(a)pyrene
Concen: 44.177 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:252 Resp: 689907
Ion Ratio Lower Upper
252 100
253 20.2 15.5 23.3
125 9.2 7.9 11.9

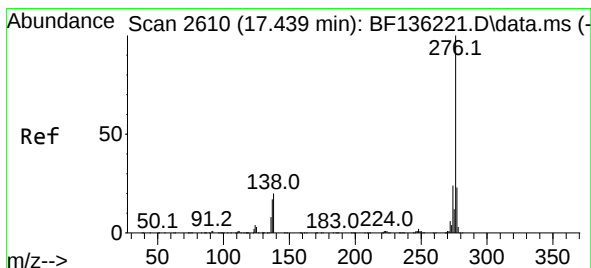
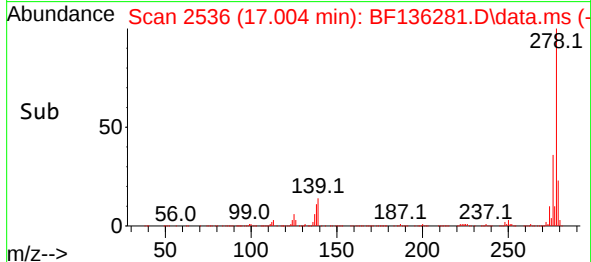
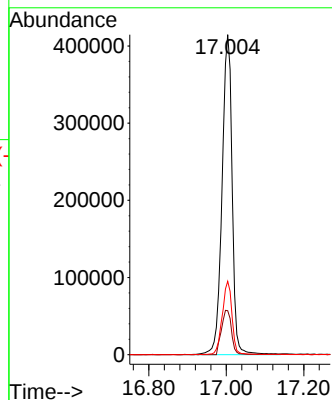
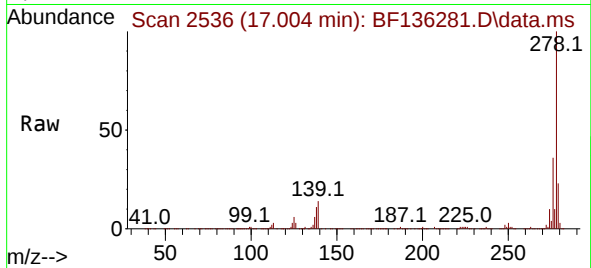




#91
Dibenzo(a,h)anthracene
Concen: 46.096 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.001 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Instrument :
BNA_F
ClientSampleId :
PB157023BSD

Tgt Ion:278 Resp: 751146
Ion Ratio Lower Upper
278 100
139 13.8 11.7 17.5
279 23.0 17.8 26.8



#92
Benzo(g,h,i)perylene
Concen: 43.651 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF136281.D
Acq: 29 Nov 2023 13:53

Tgt Ion:276 Resp: 712585
Ion Ratio Lower Upper
276 100
277 22.0 18.6 27.8
138 19.4 15.8 23.8

