

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136686.D
 Acq On : 22 Dec 2023 15:14
 Operator : CG\JU
 Sample : 05697-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 15:50:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

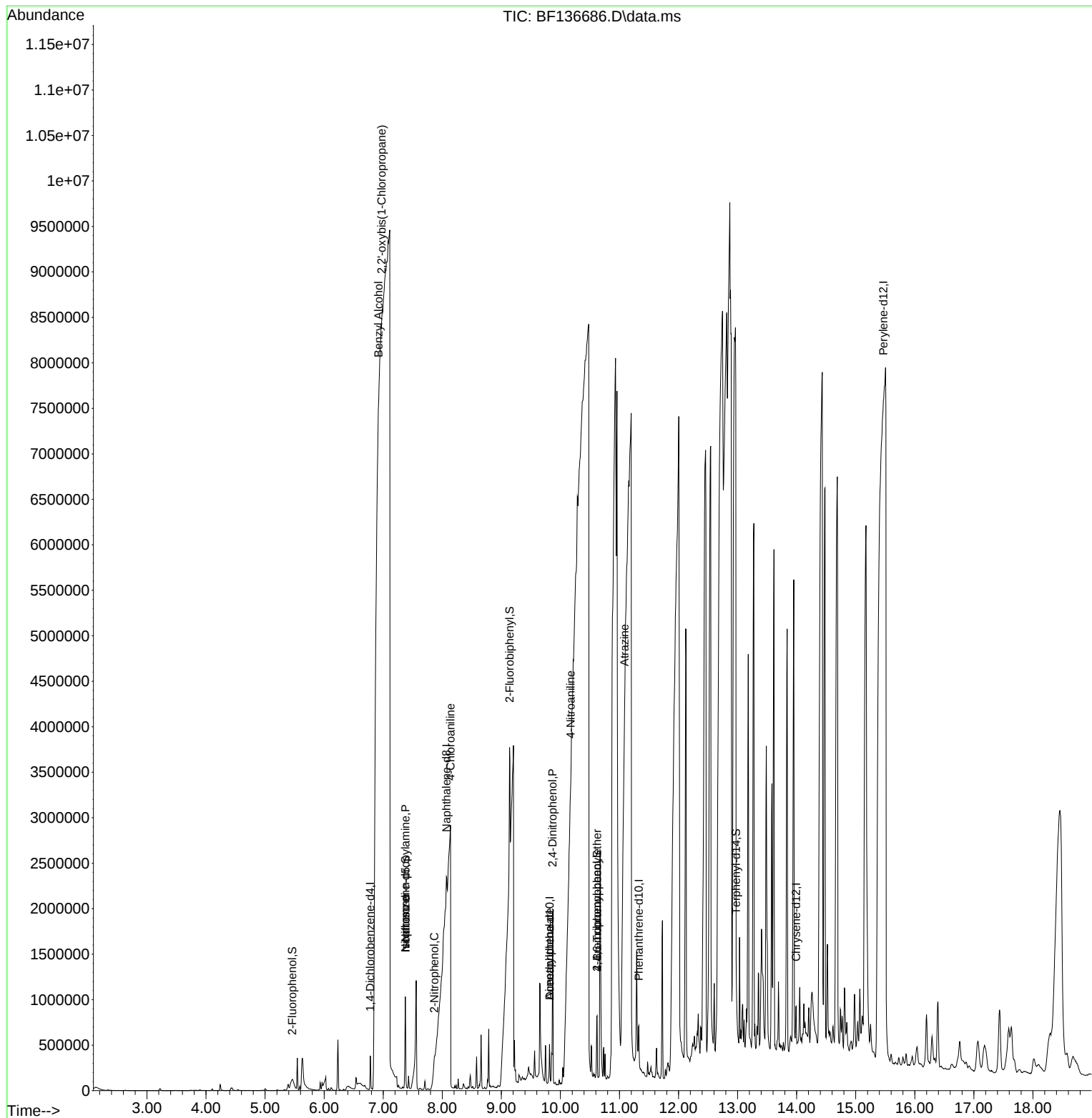
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	50628	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	145573	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	78185	20.000	ng	-0.01
64) Phenanthrene-d10	11.328	188	158261	20.000	ng	0.01
76) Chrysene-d12	13.992	240	145939	20.000	ng	# 0.02
86) Perylene-d12	15.468	264	36146	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	129236	39.829	ng	0.03
7) Phenol-d6	6.446	99	1178	0.280	ng	0.00
23) Nitrobenzene-d5	7.375	82	295436	103.850	ng	0.02
42) 2,4,6-Tribromophenol	10.622	330	82044	89.101	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	470760	80.983	ng	-0.01
79) Terphenyl-d14	12.975	244	352509	33.755	ng	0.06
Target Compounds						Qvalue
15) Benzyl Alcohol	6.922	79	22537	7.945	ng	# 40
16) 2,2'-oxybis(1-Chloropr...	6.975	45	285336	51.131	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	43094	16.908	ng	# 79
25) Isophorone	7.375	82	294401	56.873	ng	# 65
26) 2-Nitrophenol	7.863	139	4598	3.372	ng	# 59
33) 4-Chloroaniline	8.140	127	13808	4.676	ng	# 32
50) Dimethylphthalate	9.816	163	15687	2.747	ng	# 1
54) 2,4-Dinitrophenol	9.869	184	3149	7.914	ng	# 37
62) 4-Nitroaniline	10.175	138	22268	16.824	ng	# 25
67) 4-Bromophenyl-phenylether	10.622	248	4779	2.719	ng	# 1
69) Atrazine	11.086	200	8604	6.543	ng	# 51

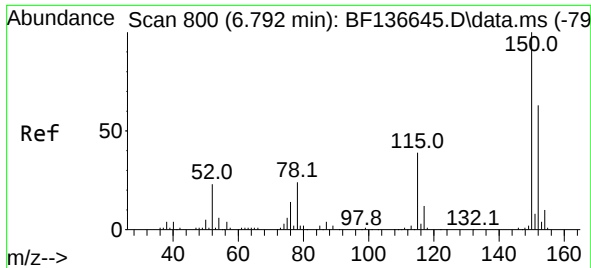
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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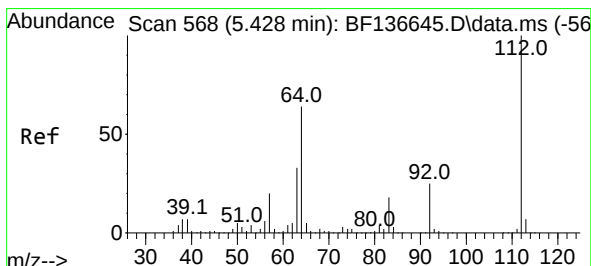
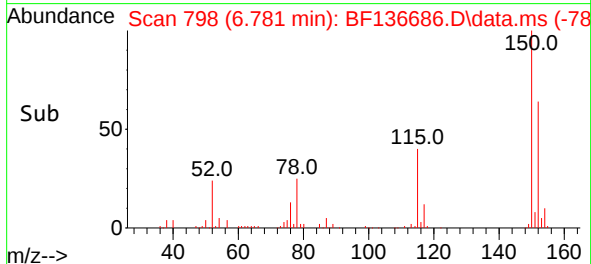
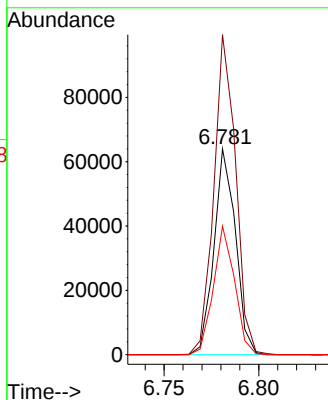
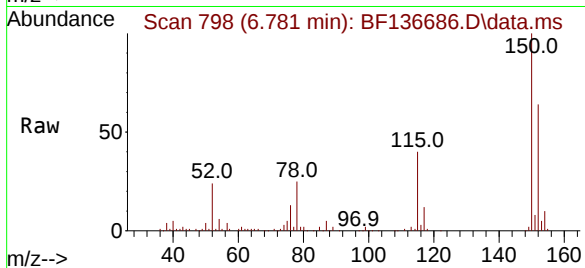




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136686.D
 Acq: 22 Dec 2023 15:14

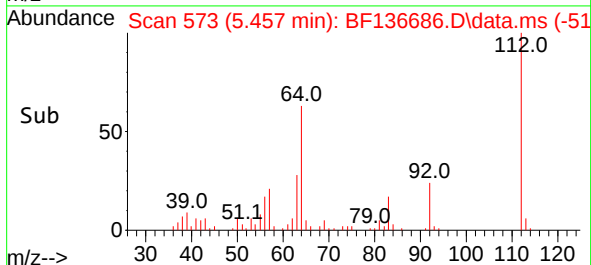
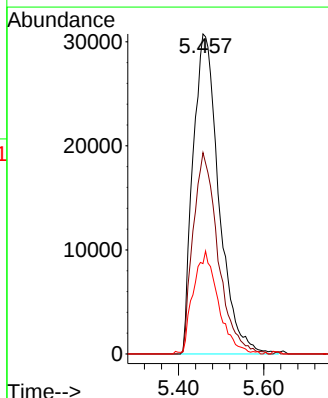
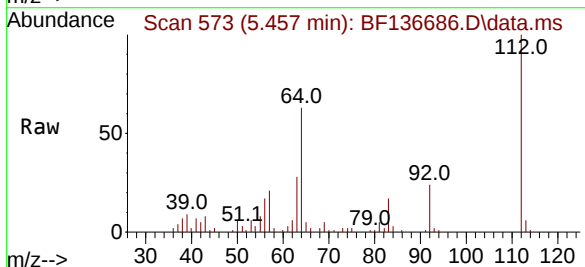
Instrument :
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 ClientSampleId :

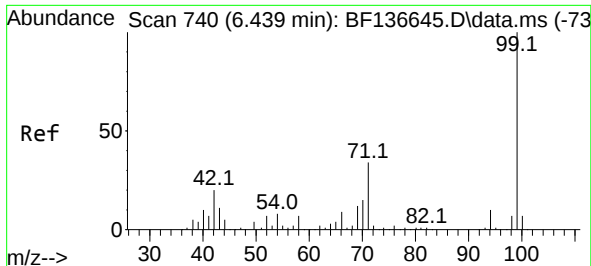
Tgt Ion:152 Resp: 50628
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.0 190.6
 115 62.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 39.829 ng
 RT: 5.457 min Scan# 573
 Delta R.T. 0.030 min
 Lab File: BF136686.D
 Acq: 22 Dec 2023 15:14

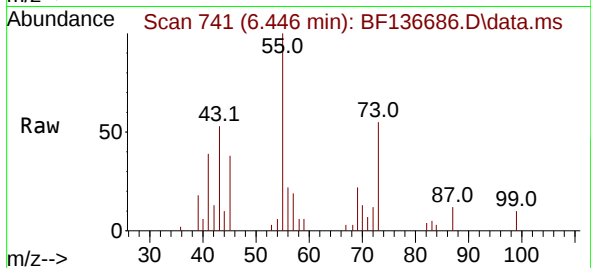
Tgt Ion:112 Resp: 129236
 Ion Ratio Lower Upper
 112 100
 64 62.9 51.1 76.7
 63 28.2 26.1 39.1



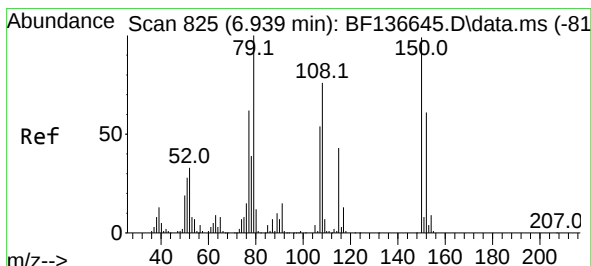
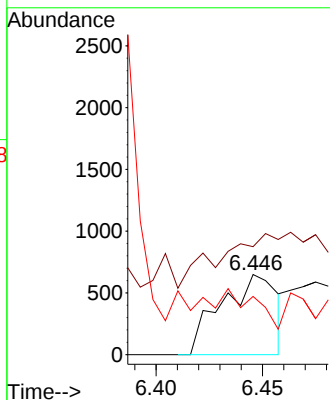
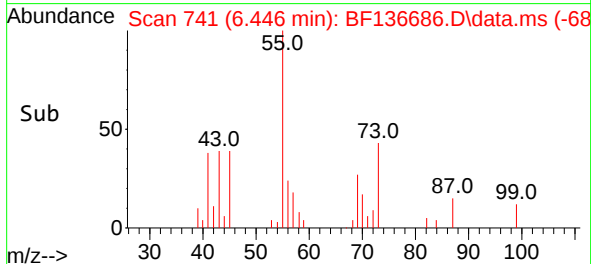


#7
Phenol-d6
Concen: 0.280 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

Instrument :
BNA_F
ClientSampleId :

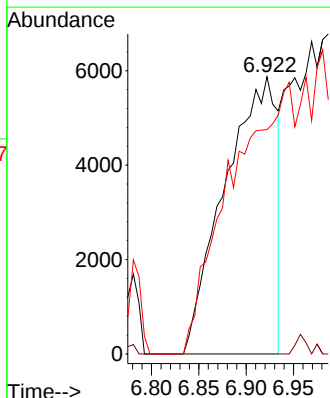
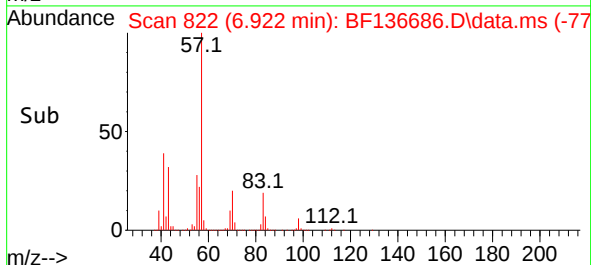
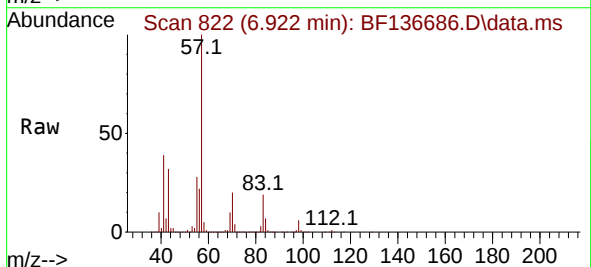


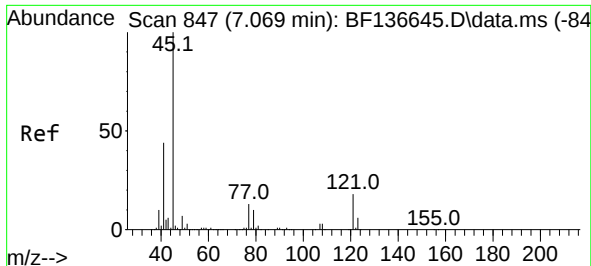
Tgt Ion: 99 Resp: 1178
Ion Ratio Lower Upper
99 100
42 134.7 16.1 24.1#
71 72.7 27.4 41.2#



#15
Benzyl Alcohol
Concen: 7.945 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.017 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

Tgt Ion: 79 Resp: 22537
Ion Ratio Lower Upper
79 100
108 0.0 61.0 91.6#
77 81.0 49.8 74.8#

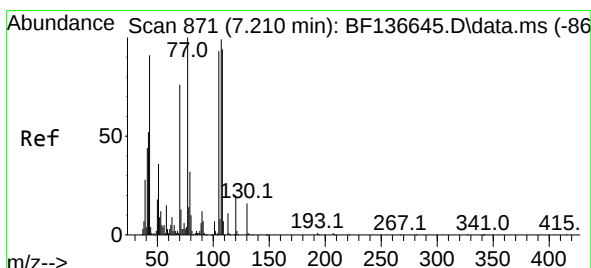
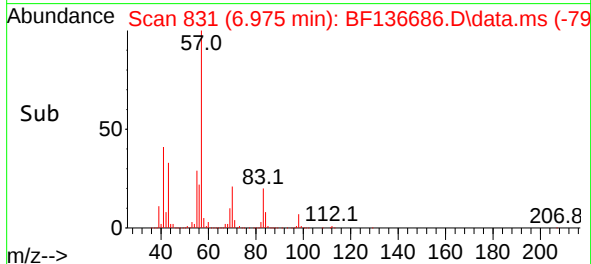
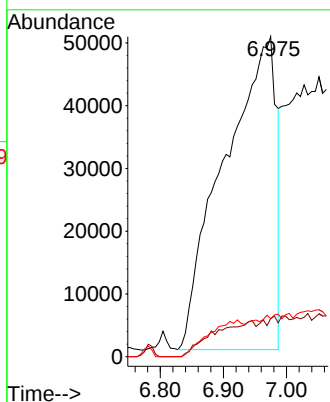
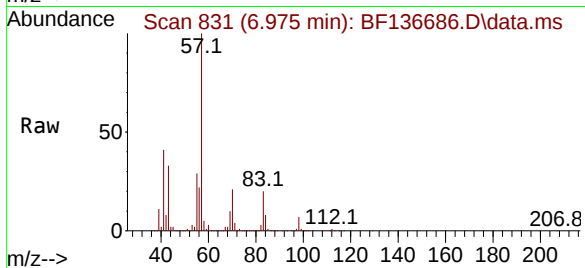




#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.131 ng
RT: 6.975 min Scan# 811
Delta R.T. -0.094 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

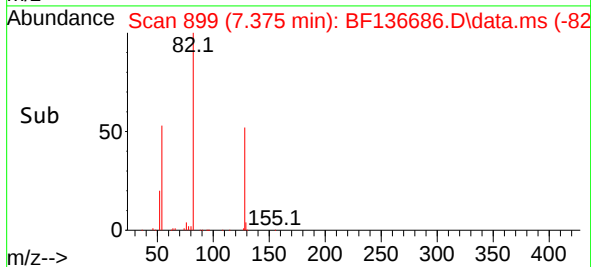
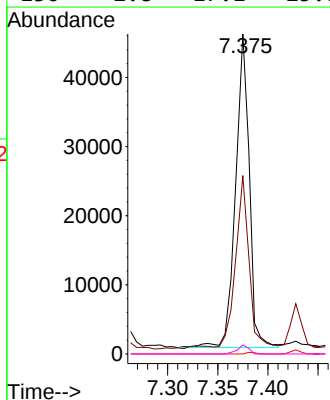
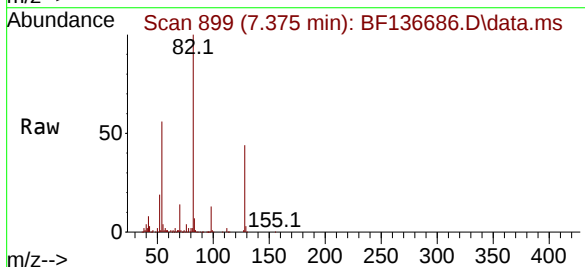
Instrument :
BNA_F
ClientSampleId :

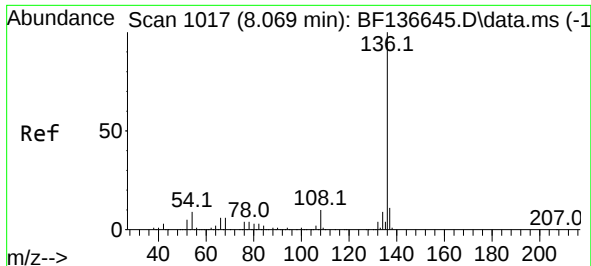
Tgt Ion: 45 Resp: 285336
Ion Ratio Lower Upper
45 100
77 11.9 0.0 34.3
79 11.9 0.0 31.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.908 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.165 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

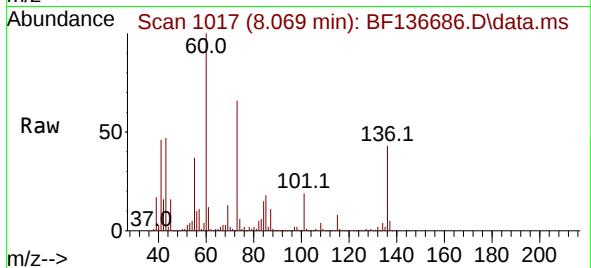
Tgt Ion: 70 Resp: 43094
Ion Ratio Lower Upper
70 100
42 55.7 54.2 81.4
101 0.0 7.6 11.4#
130 2.8 17.1 25.7#



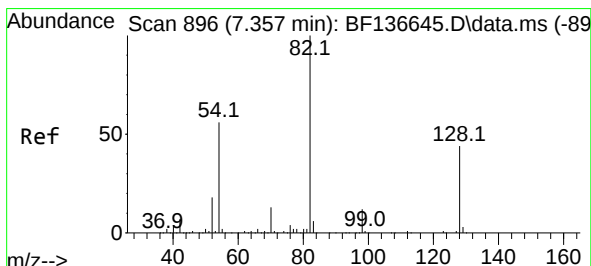
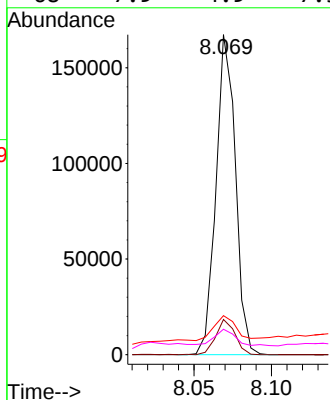
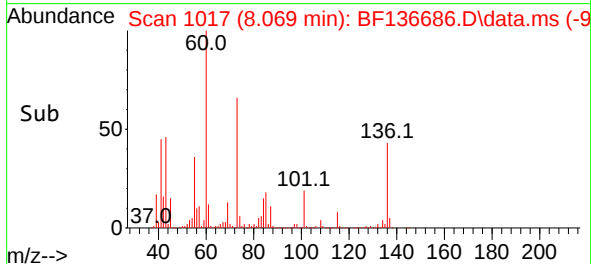


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

Instrument :
BNA_F
ClientSampleId :

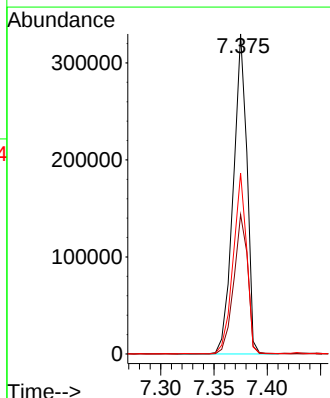
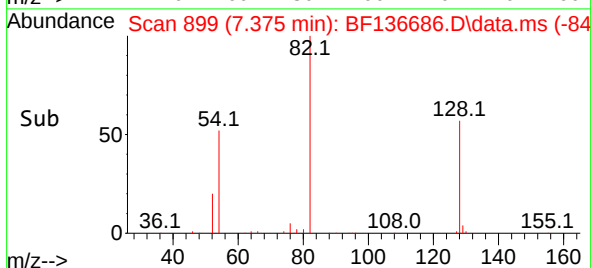
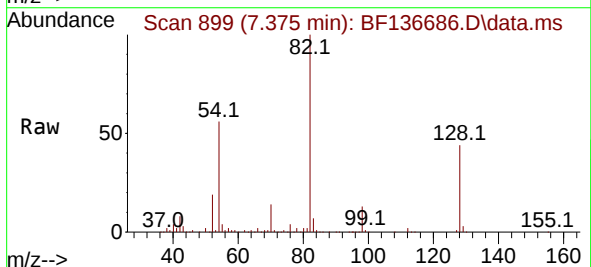


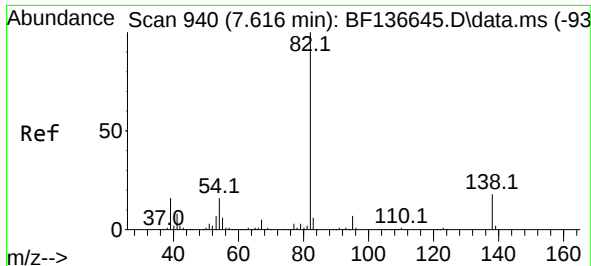
Tgt Ion:136 Resp: 145573
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 12.2 7.2 10.8#
68 7.9 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 103.850 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.018 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

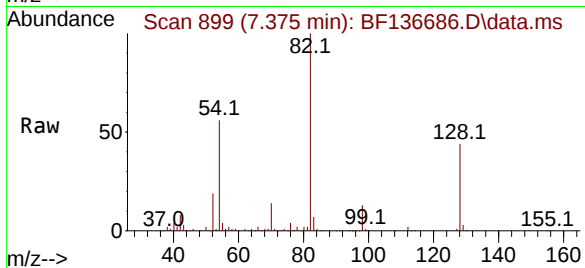
Tgt Ion: 82 Resp: 295436
Ion Ratio Lower Upper
82 100
128 43.6 35.3 52.9
54 56.5 44.5 66.7



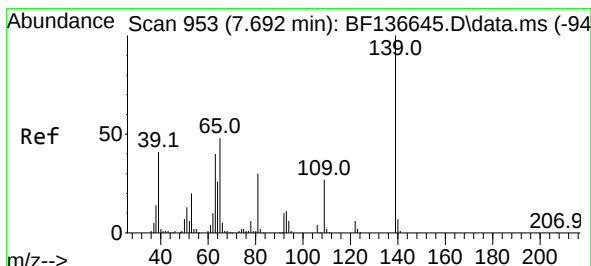
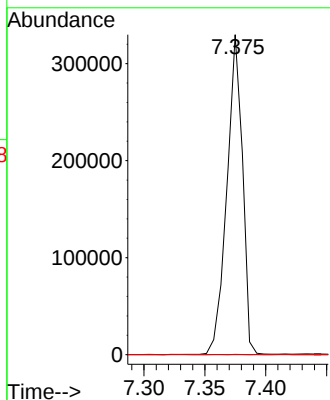
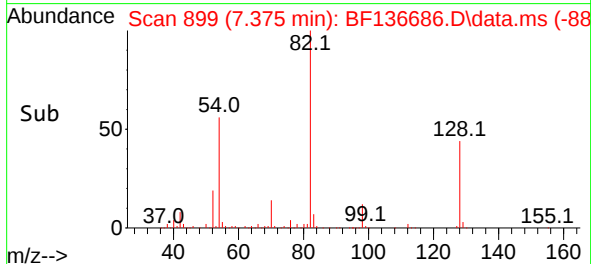


#25
Isophorone
Concen: 56.873 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.241 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

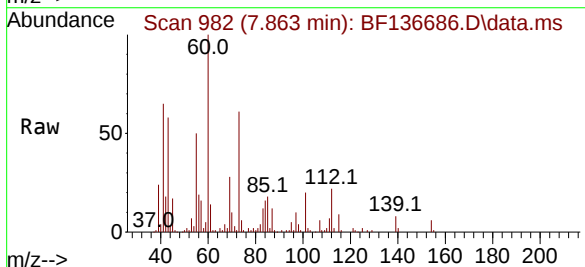
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BNA_F
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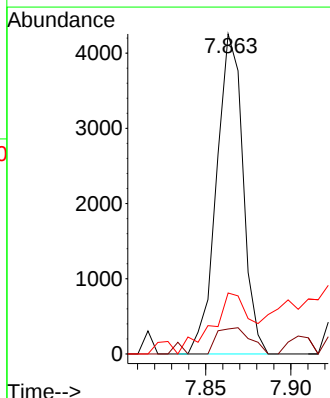
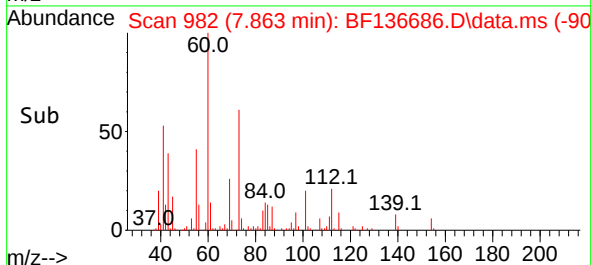
Tgt Ion: 82 Resp: 294401
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 14.5 21.7#

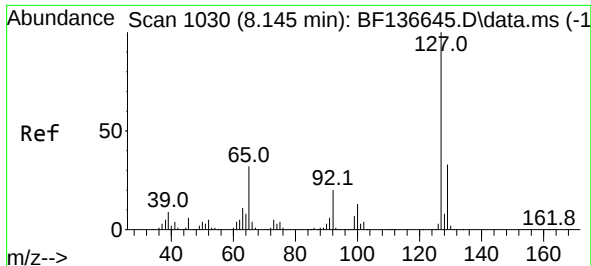


#26
2-Nitrophenol
Concen: 3.372 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.171 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14



Tgt Ion:139 Resp: 4598
Ion Ratio Lower Upper
139 100
109 7.8 21.9 32.9#
65 19.1 38.6 58.0#



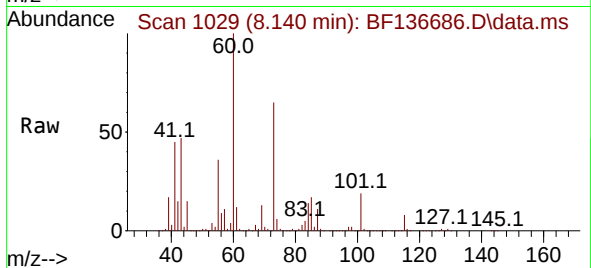


#33
4-Chloroaniline
Concen: 4.676 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

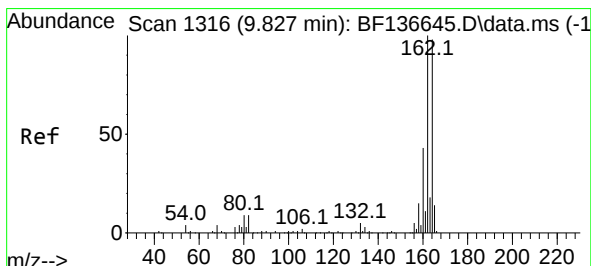
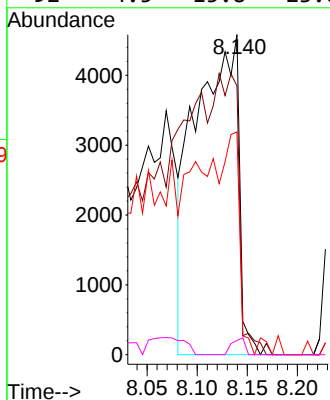
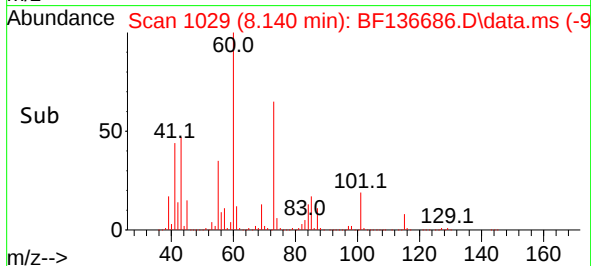
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BNA_F

ClientSampleId :

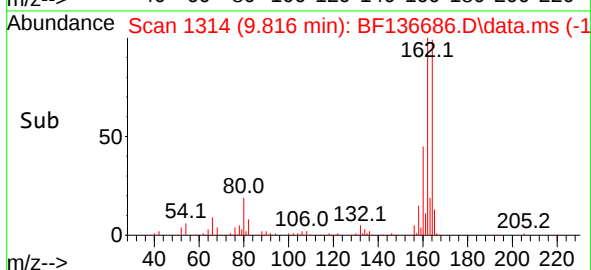
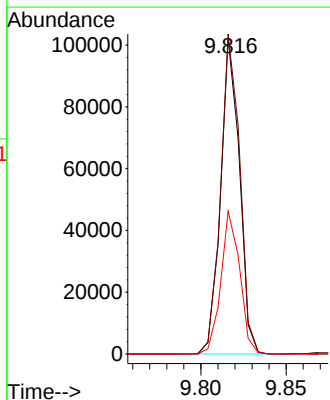
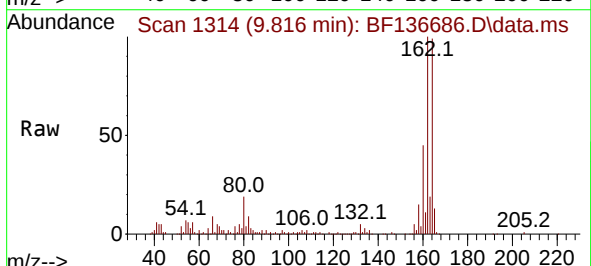


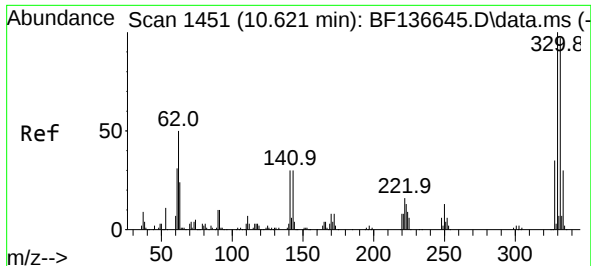
Tgt Ion	Ratio	Lower	Upper
127	100		
129	84.0	26.3	39.5#
65	69.6	25.8	38.8#
92	4.5	15.8	23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.6	122.4
160	45.3	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 89.101 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

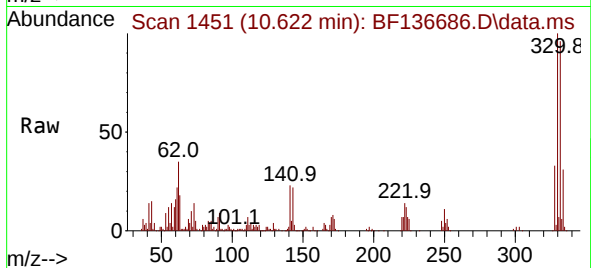
Lab File: BF136686.D

Acq: 22 Dec 2023 15:14

Instrument :

BNA_F

ClientSampleId :



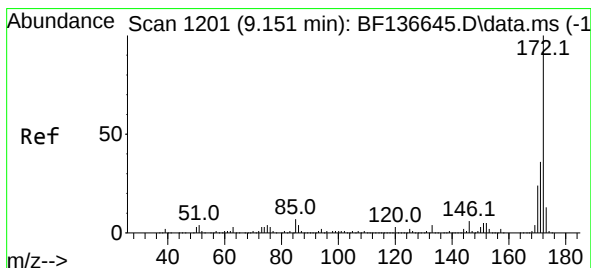
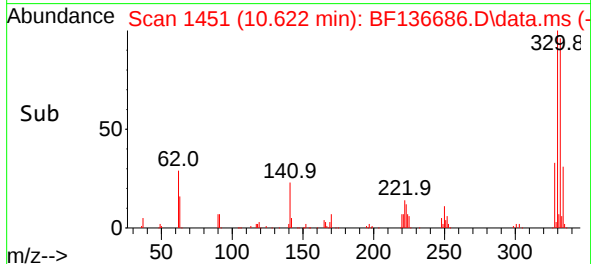
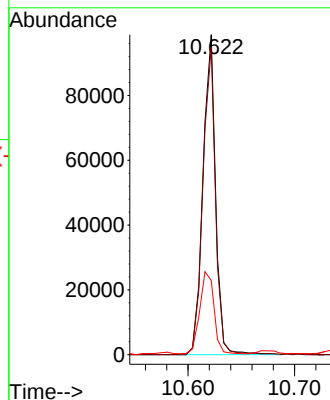
Tgt Ion:330 Resp: 82044

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 29.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 80.983 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136686.D

Acq: 22 Dec 2023 15:14

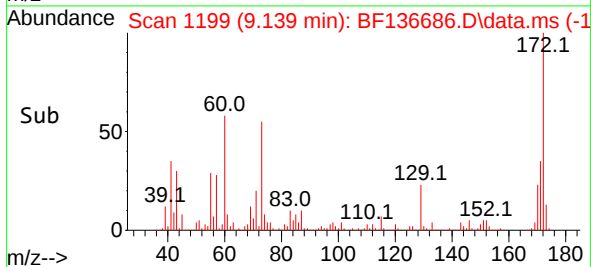
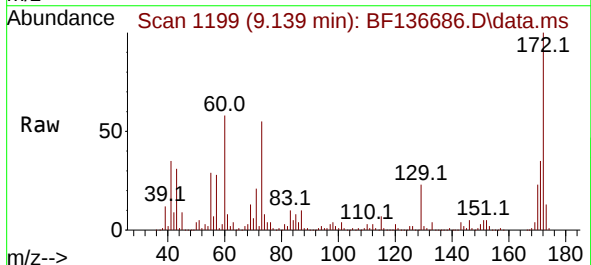
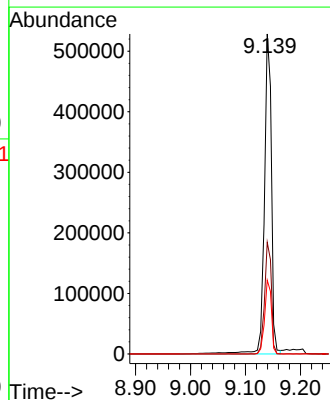
Tgt Ion:172 Resp: 470760

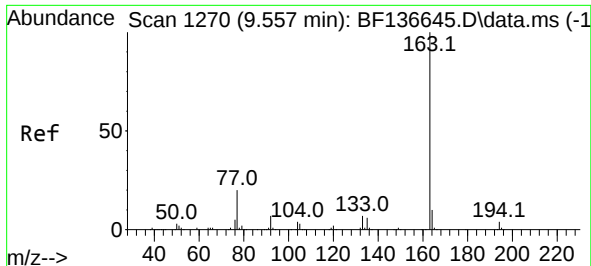
Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.6

170 23.1 19.0 28.4

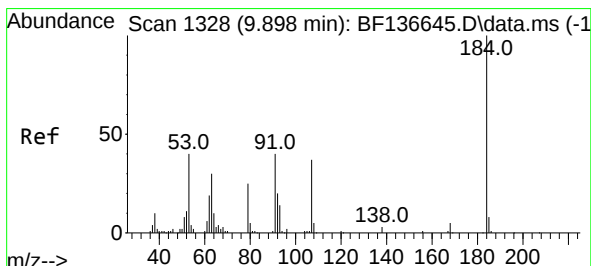
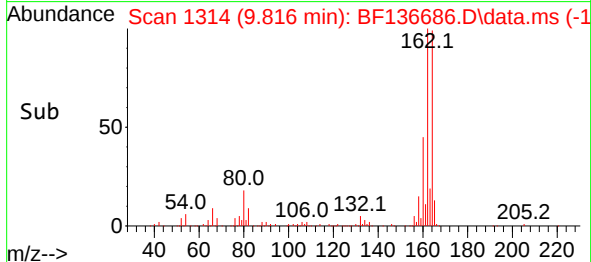
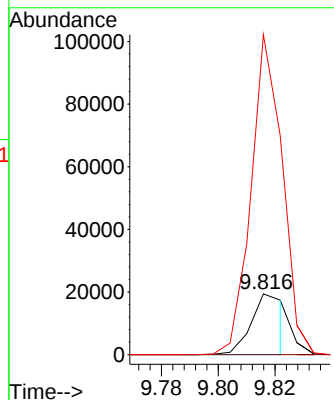
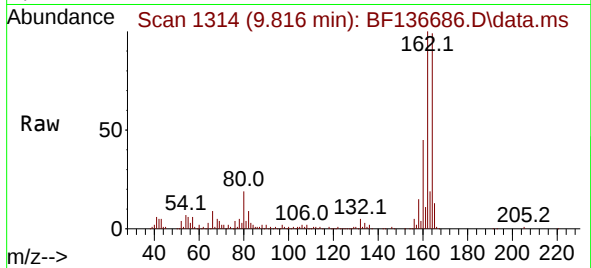




#50
Dimethylphthalate
Concen: 2.747 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

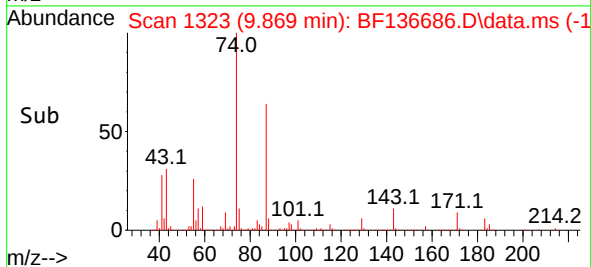
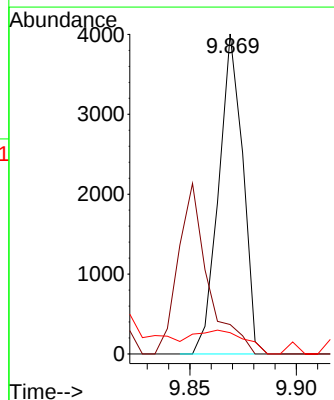
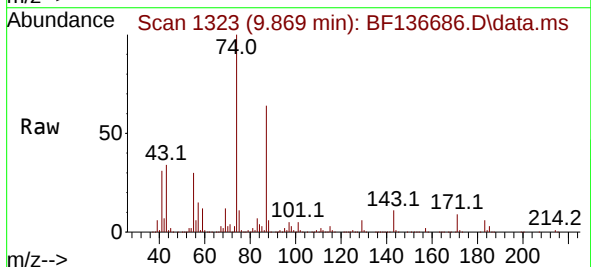
Instrument :
BNA_F
ClientSampleId :

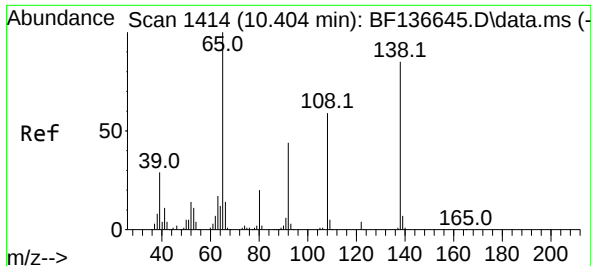
Tgt Ion:163 Resp: 15687
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 526.7 7.8 11.6#



#54
2,4-Dinitrophenol
Concen: 7.914 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.029 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

Tgt Ion:184 Resp: 3149
Ion Ratio Lower Upper
184 100
63 9.2 40.9 61.3#
154 6.7 42.7 64.1#

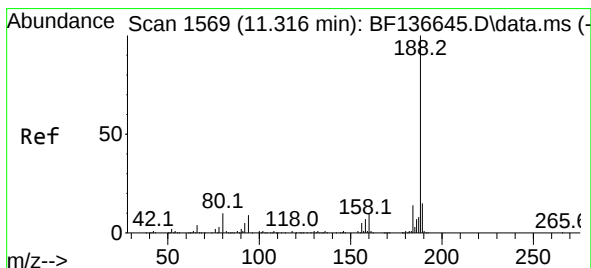
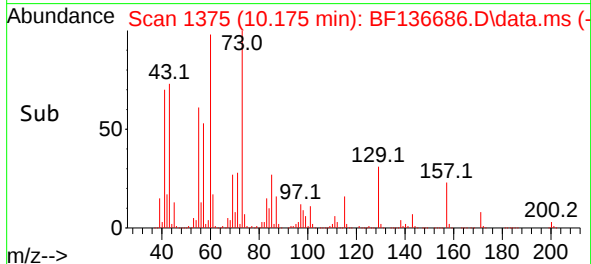
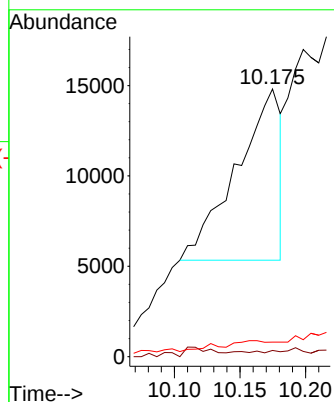
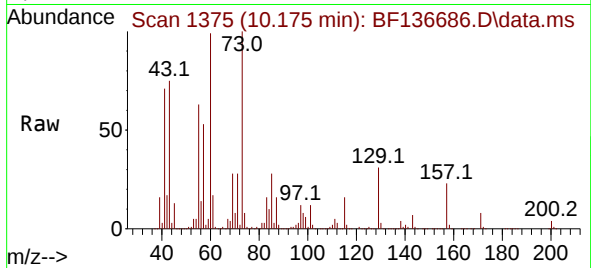




#62
4-Nitroaniline
Concen: 16.824 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

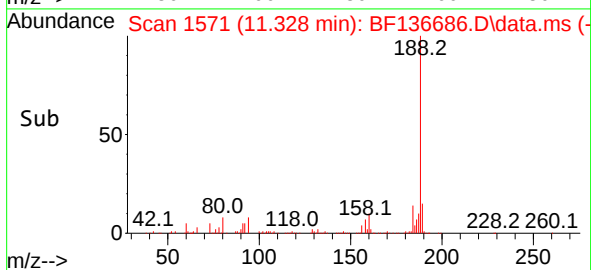
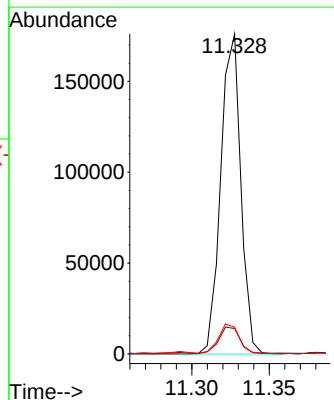
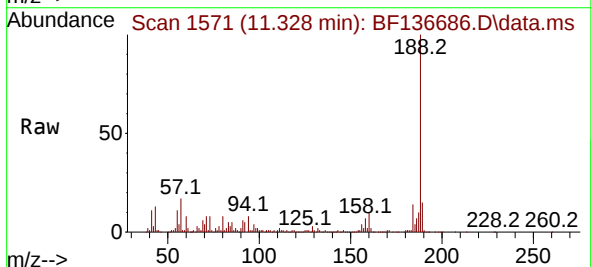
Instrument :
BNA_F
ClientSampleId :

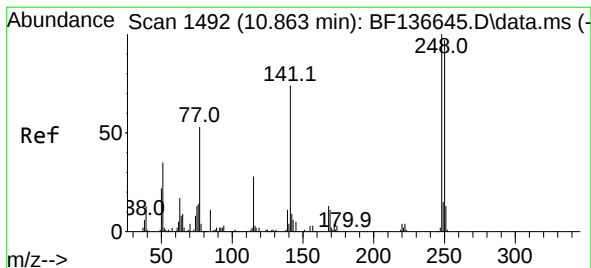
Tgt Ion:138 Resp: 22268
Ion Ratio Lower Upper
138 100
92 2.3 32.1 72.1#
108 5.4 50.1 90.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

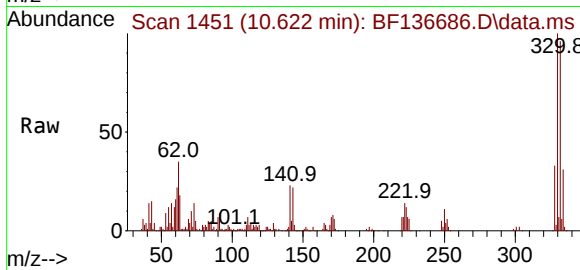
Tgt Ion:188 Resp: 158261
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 8.4 8.1 12.1



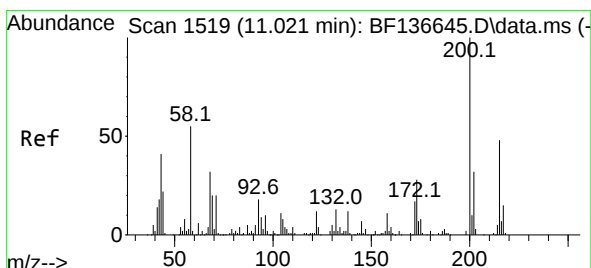
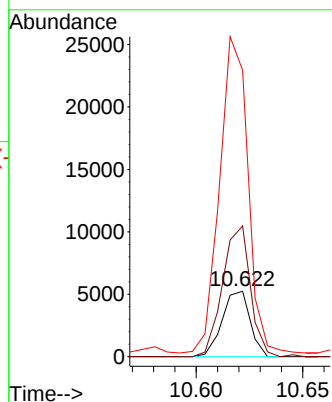
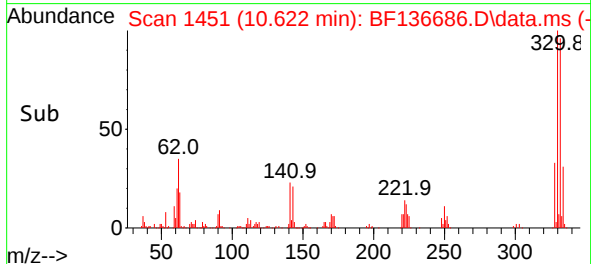


#67
4-Bromophenyl-phenylether
Concen: 2.719 ng
RT: 10.622 min Scan# 1492
Delta R.T. -0.241 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14

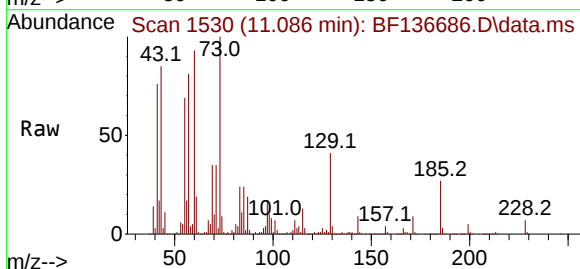
Instrument :
BNA_F
ClientSampleId :



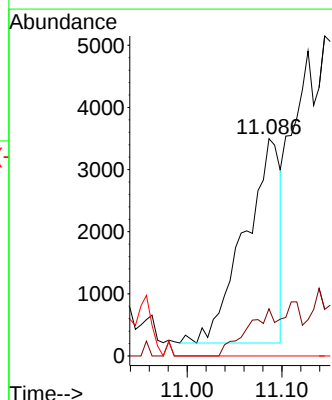
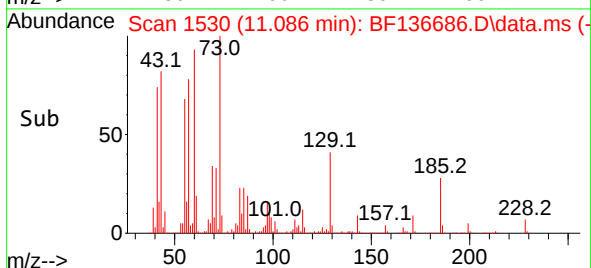
Tgt Ion:248 Resp: 4779
Ion Ratio Lower Upper
248 100
250 199.6 77.8 116.6#
141 437.7 59.2 88.8#

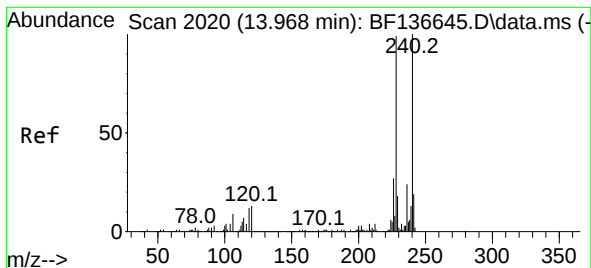


#69
Atrazine
Concen: 6.543 ng
RT: 11.086 min Scan# 1530
Delta R.T. 0.065 min
Lab File: BF136686.D
Acq: 22 Dec 2023 15:14



Tgt Ion:200 Resp: 8604
Ion Ratio Lower Upper
200 100
173 21.7 7.6 47.6
215 0.0 28.3 68.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF136686.D

Acq: 22 Dec 2023 15:14

Instrument :

BNA_F

ClientSampleId :

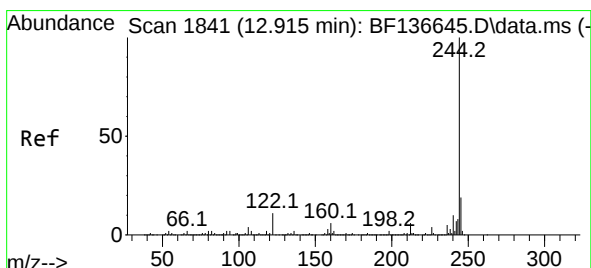
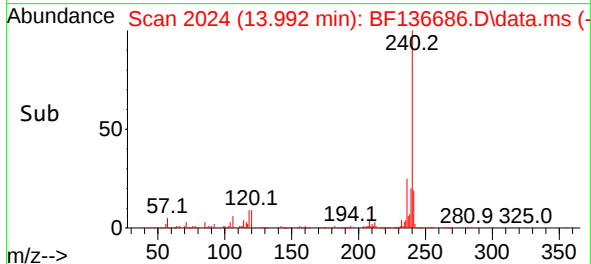
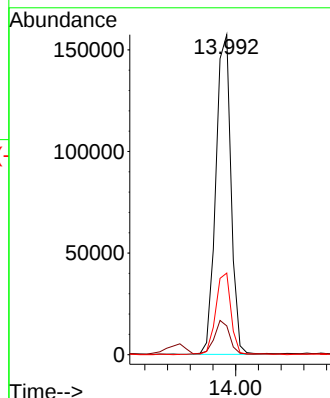
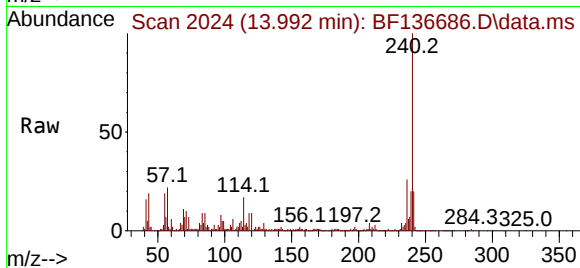
Tgt Ion:240 Resp: 145939

Ion Ratio Lower Upper

240 100

120 9.0 10.3 15.5#

236 25.5 19.4 29.2



#79

Terphenyl-d14

Concen: 33.755 ng

RT: 12.975 min Scan# 1851

Delta R.T. 0.059 min

Lab File: BF136686.D

Acq: 22 Dec 2023 15:14

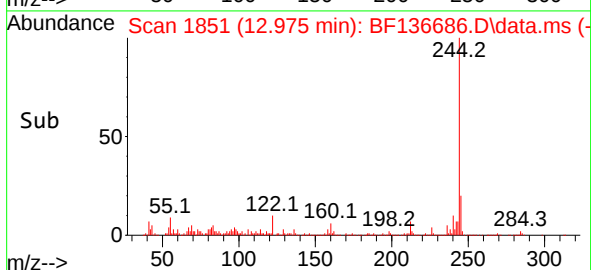
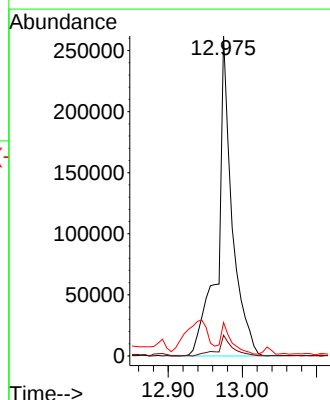
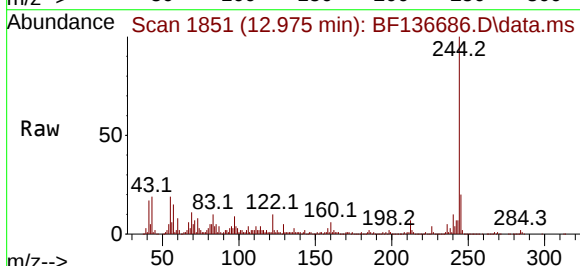
Tgt Ion:244 Resp: 352509

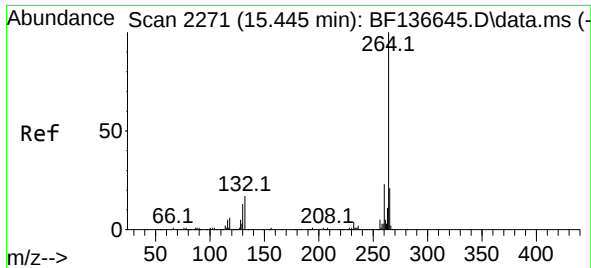
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

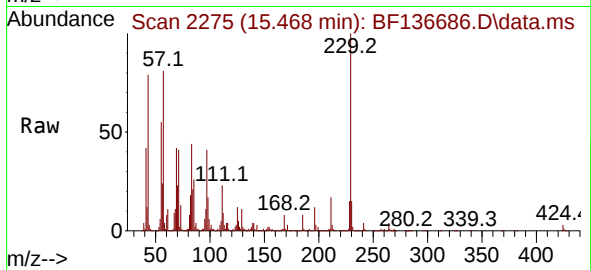
122 10.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF136686.D
 Acq: 22 Dec 2023 15:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	264	Resp:	36146
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.3	27.5
265	24.4	17.0	25.6

