

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128603.D
 Acq On : 31 May 2022 19:28
 Operator : CG\JU
 Sample : N3109-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-8

Quant Time: Jun 01 00:58:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

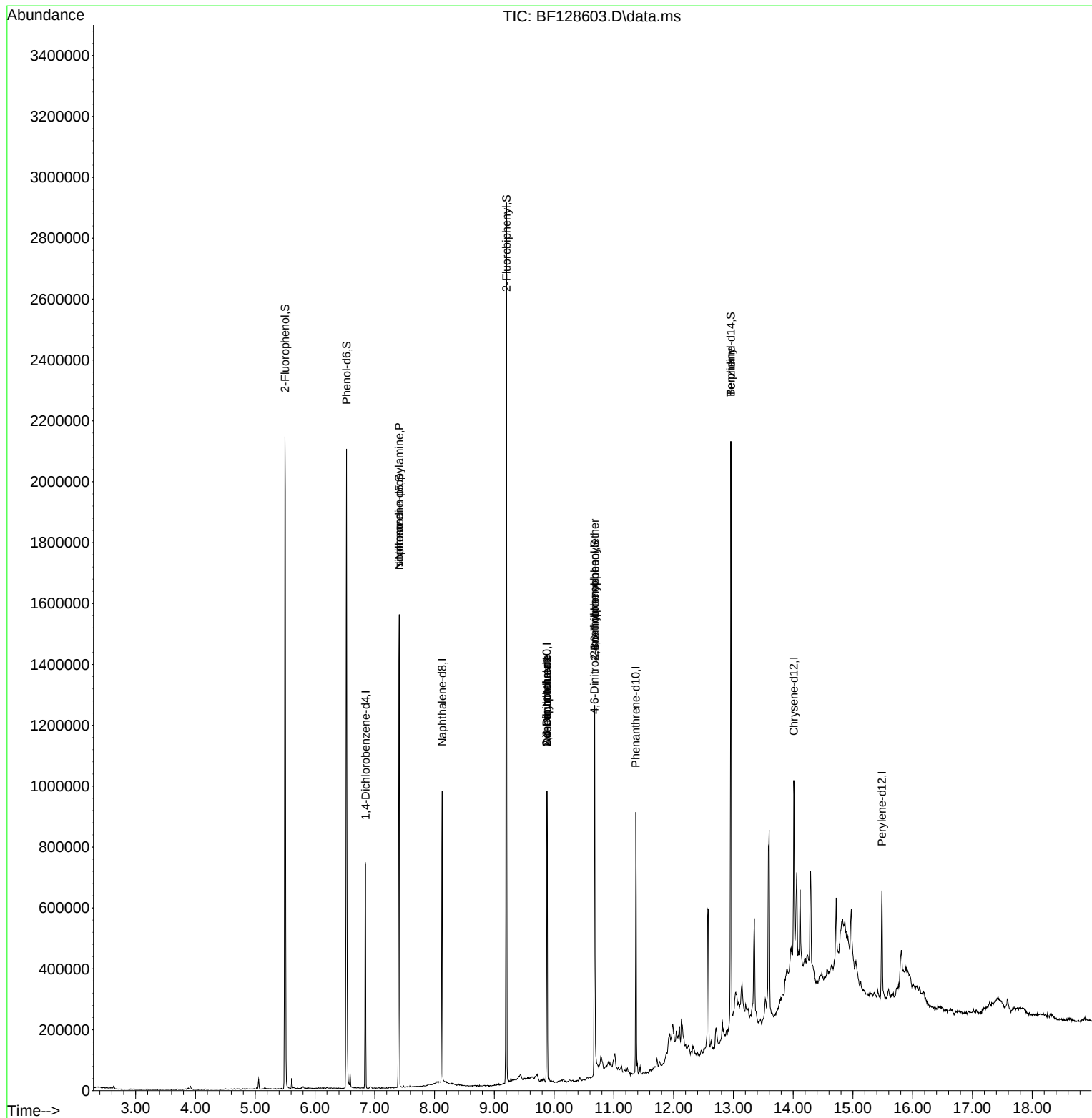
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103762	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	373129	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	185864	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	286425	20.000	ng	0.00
76) Chrysene-d12	14.010	240	206552	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	165647	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	559565	89.326	ng	0.05
7) Phenol-d6	6.528	99	668615	83.711	ng	0.06
23) Nitrobenzene-d5	7.410	82	488944	75.594	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	147114	83.157	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	777101	67.927	ng	0.00
79) Terphenyl-d14	12.957	244	618520	57.853	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.392	77	73	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	69022	14.094	ng	# 78
25) Isophorone	7.410	82	486887	40.806	ng	# 65
50) Dimethylphthalate	9.880	163	31234	2.591	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	23340	10.563	ng	# 27
57) 2,4-Dinitrotoluene	9.880	165	23340	8.829	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.674	198	531	5.857	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	9422	3.184	ng	# 1
77) Benzidine	12.957	184	9909	2.080	ng	# 93

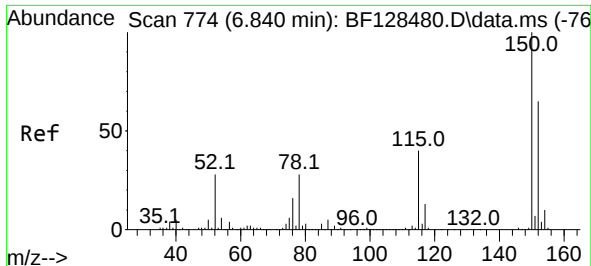
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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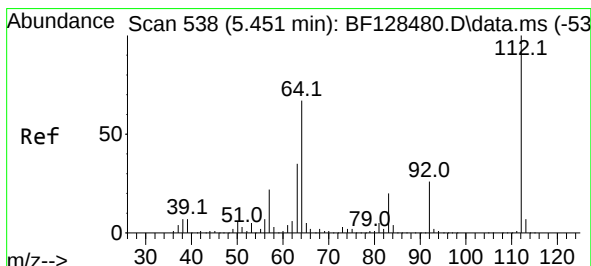
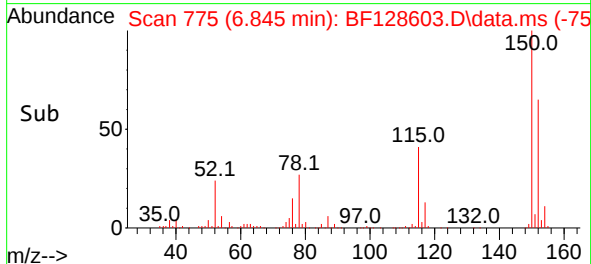
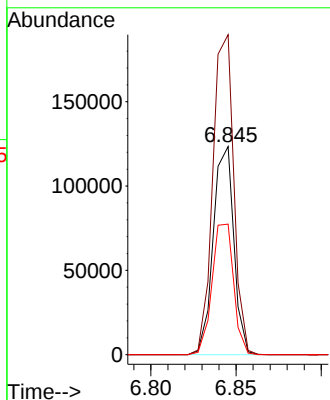
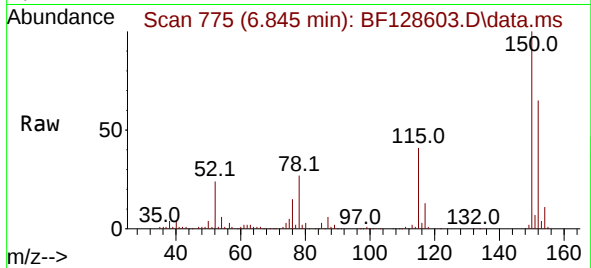




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

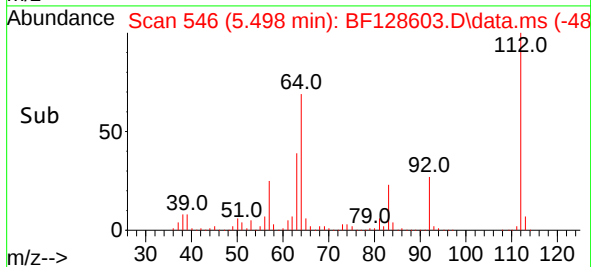
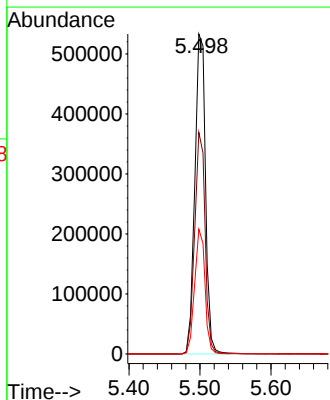
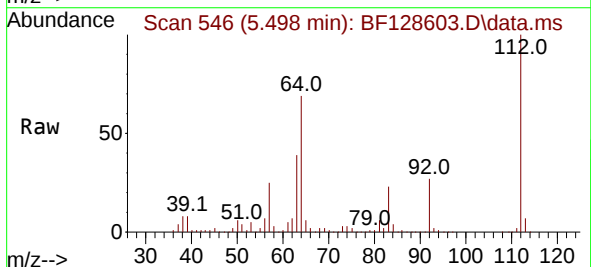
Instrument :
BNA_F
ClientSampleId :
BB-8

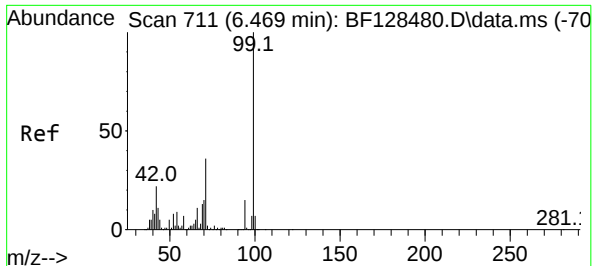
Tgt Ion:152 Resp: 103762
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 62.7 49.9 74.9



#5
2-Fluorophenol
Concen: 89.326 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.047 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

Tgt Ion:112 Resp: 559565
Ion Ratio Lower Upper
112 100
64 69.3 53.3 79.9
63 38.9 28.0 42.0

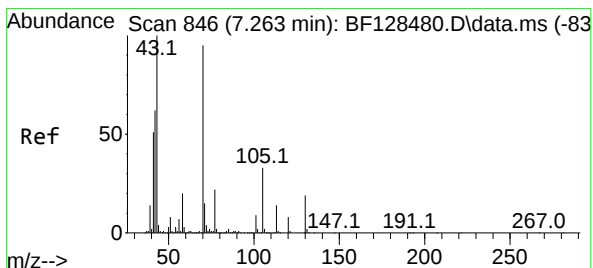
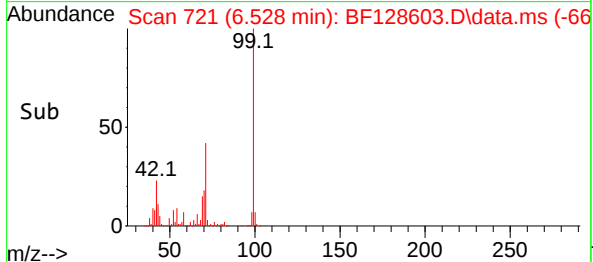
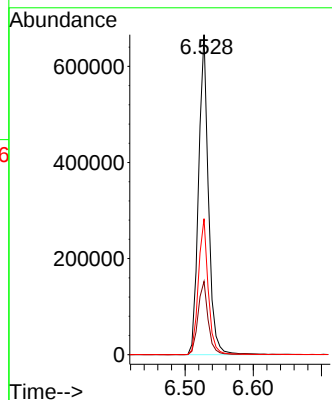
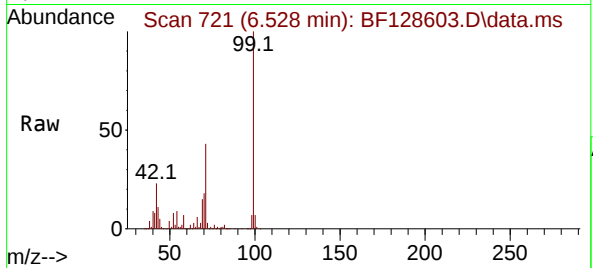




#7
Phenol-d6
Concen: 83.711 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.059 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

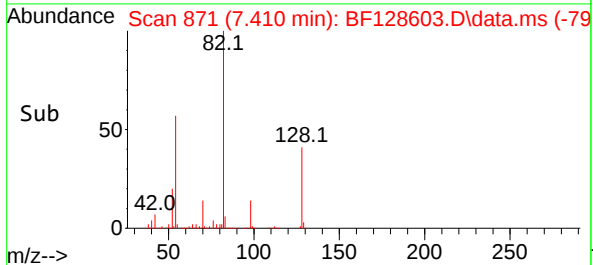
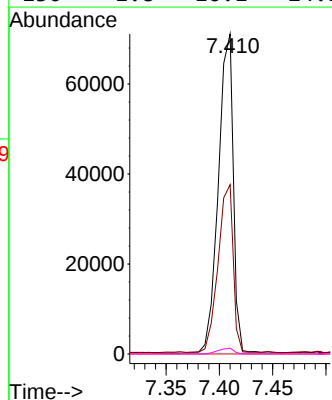
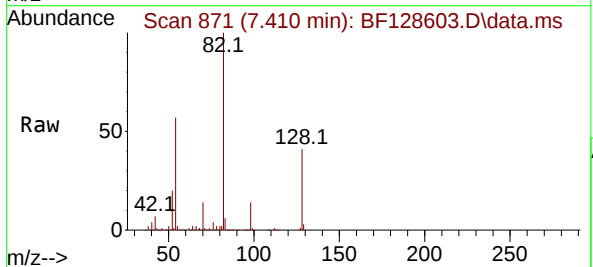
Instrument :
BNA_F
ClientSampleId :
BB-8

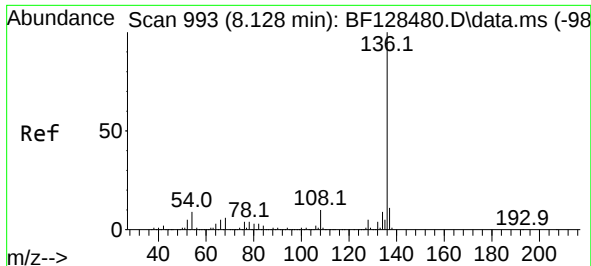
Tgt Ion: 99 Resp: 668615
Ion Ratio Lower Upper
99 100
42 22.9 17.3 25.9
71 42.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.094 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

Tgt Ion: 70 Resp: 69022
Ion Ratio Lower Upper
70 100
42 52.9 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

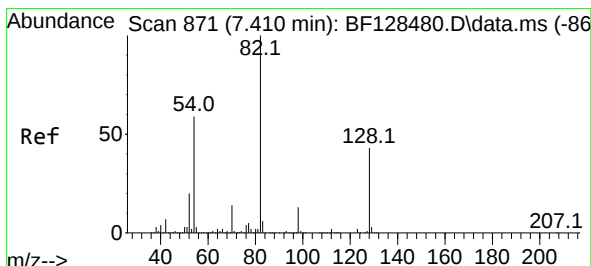
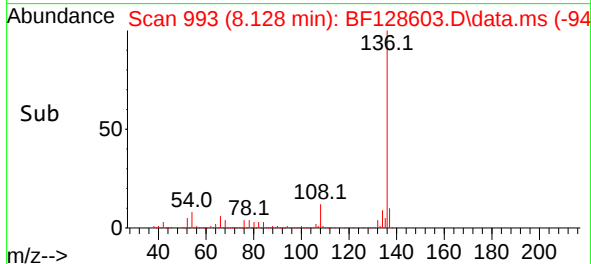
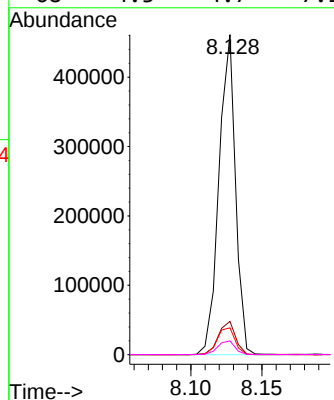
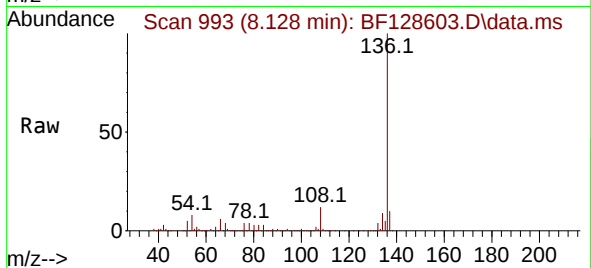




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

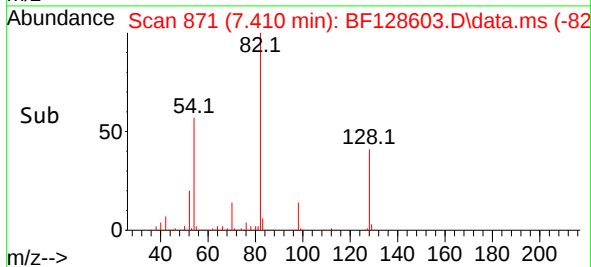
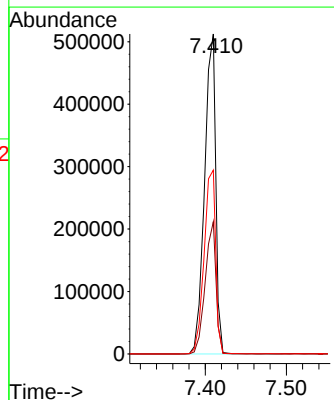
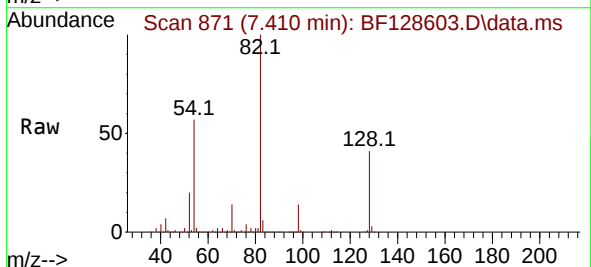
Instrument :
BNA_F
ClientSampleId :
BB-8

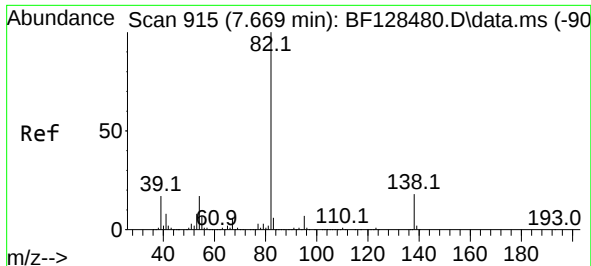
Tgt Ion:136 Resp: 373129
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.4 7.5 11.3
68 4.3 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 75.594 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

Tgt Ion: 82 Resp: 488944
Ion Ratio Lower Upper
82 100
128 41.3 34.0 51.0
54 57.4 46.9 70.3

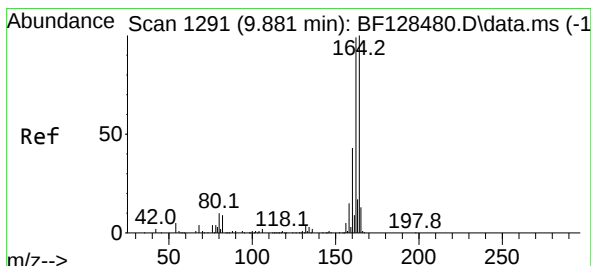
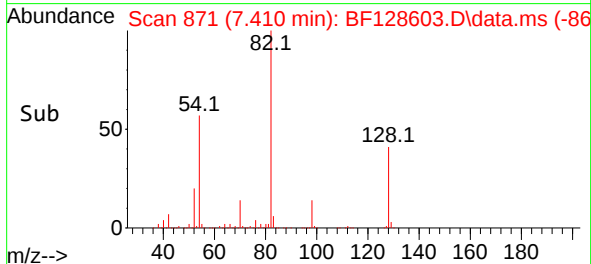
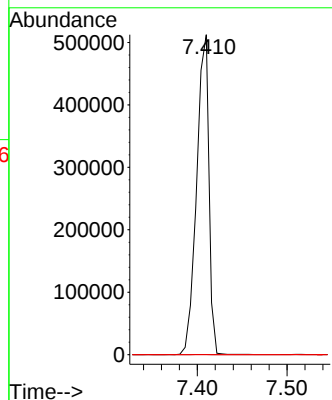
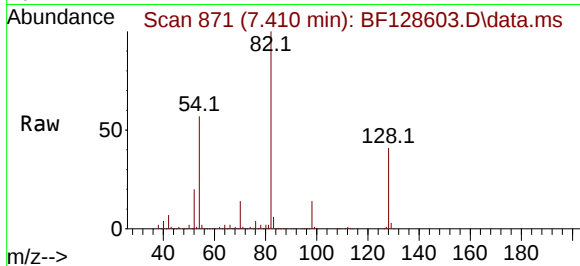




#25
Isophorone
Concen: 40.806 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

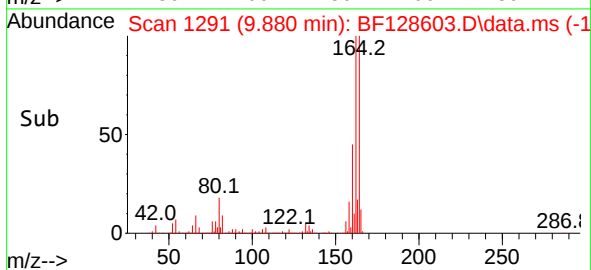
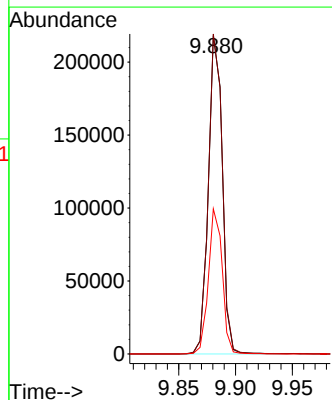
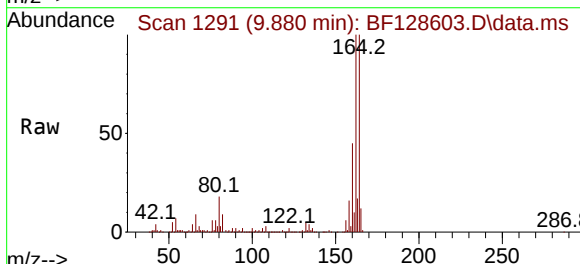
Instrument :
BNA_F
ClientSampleId :
BB-8

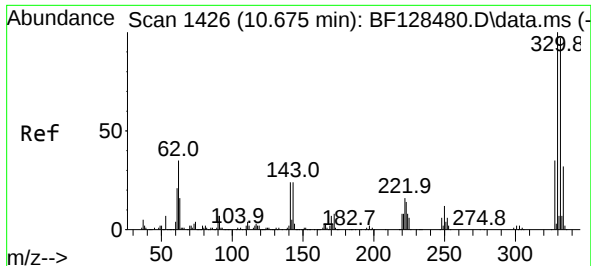
Tgt Ion: 82 Resp: 486887
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

Tgt Ion:164 Resp: 185864
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 45.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 83.157 ng

RT: 10.680 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF128603.D

Acq: 31 May 2022 19:28

Instrument :

BNA_F

ClientSampleId :

BB-8

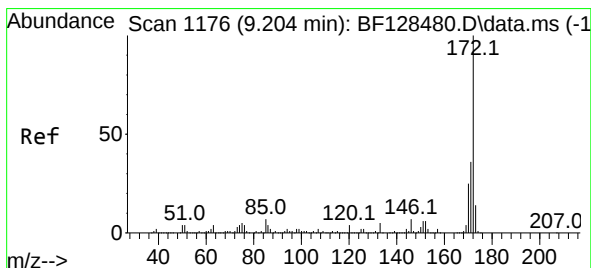
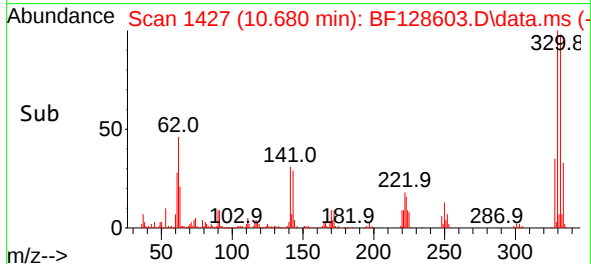
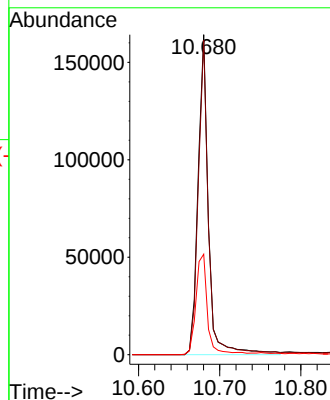
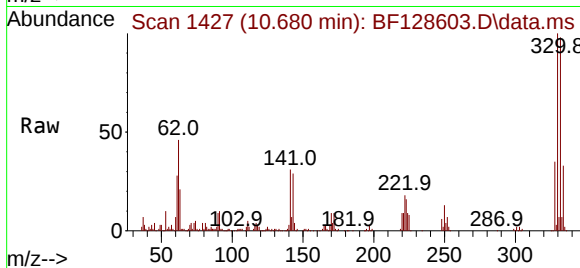
Tgt Ion:330 Resp: 147114

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.927 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128603.D

Acq: 31 May 2022 19:28

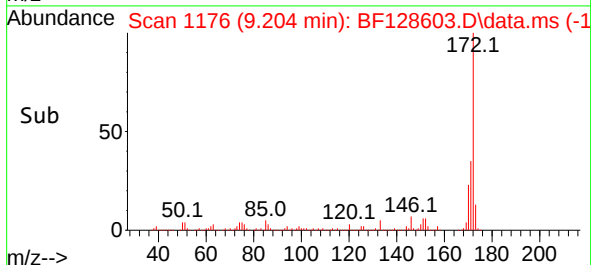
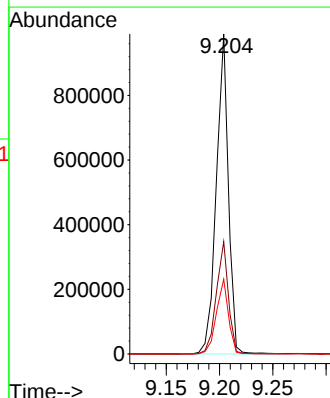
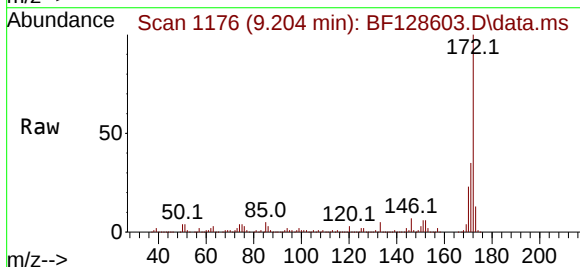
Tgt Ion:172 Resp: 777101

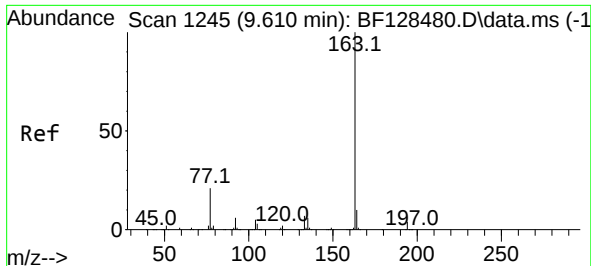
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.4 19.8 29.8

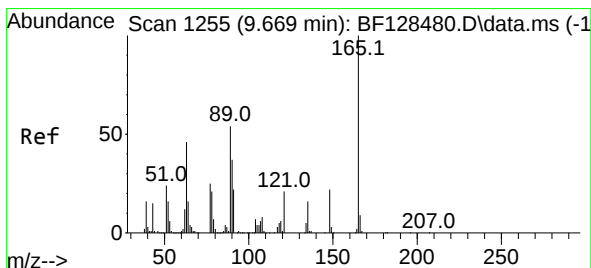
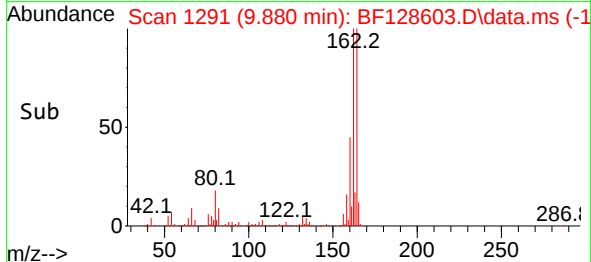
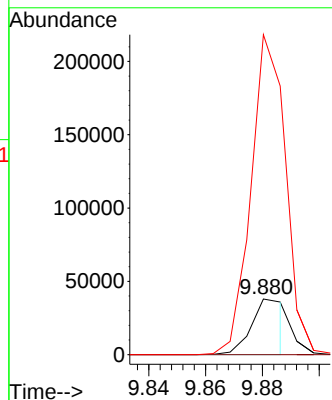
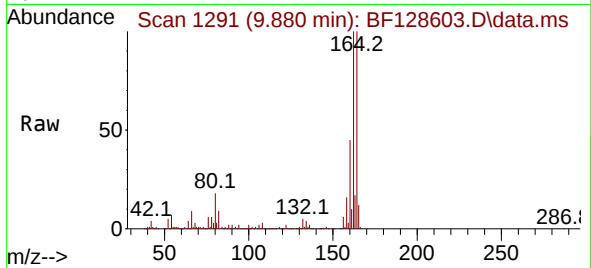




#50
Dimethylphthalate
Concen: 2.591 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.270 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

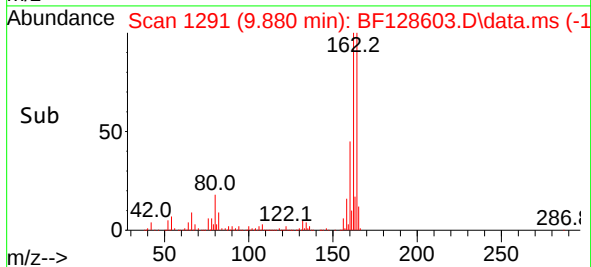
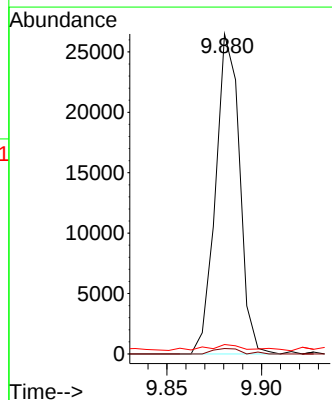
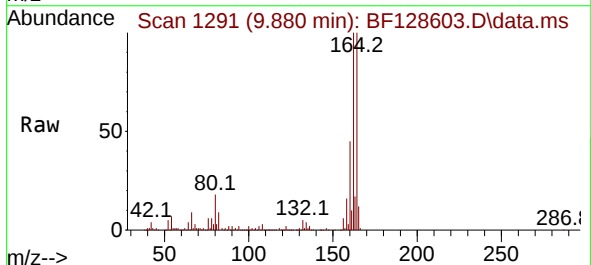
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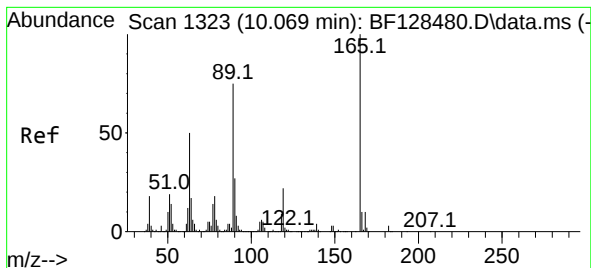
Tgt Ion:163 Resp: 31234
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 574.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.563 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.212 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

Tgt Ion:165 Resp: 23340
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 2.9 43.6 65.4#

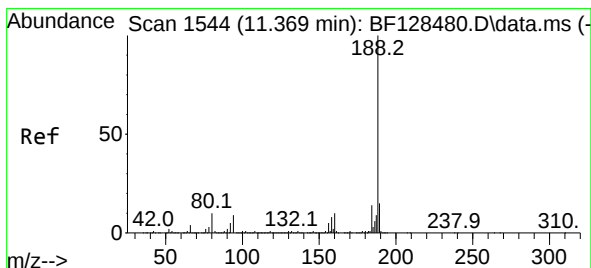
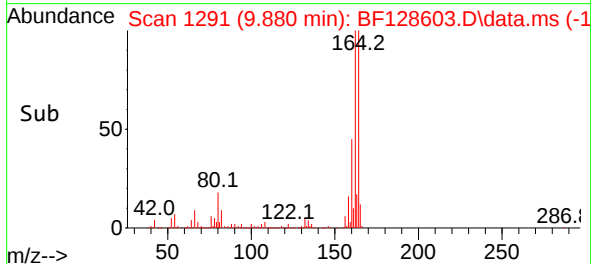
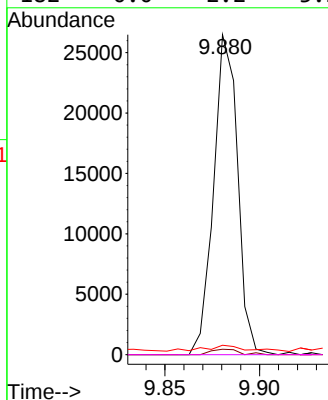
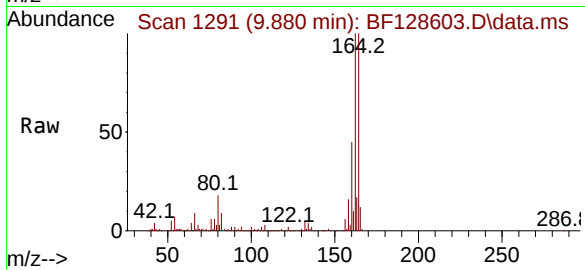




#57
2,4-Dinitrotoluene
Concen: 8.829 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.188 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

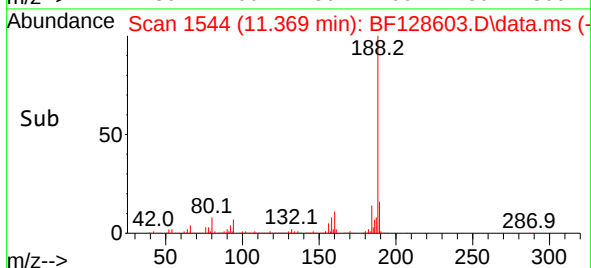
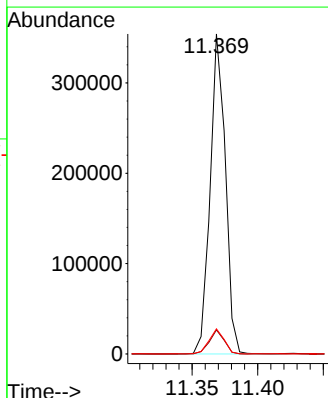
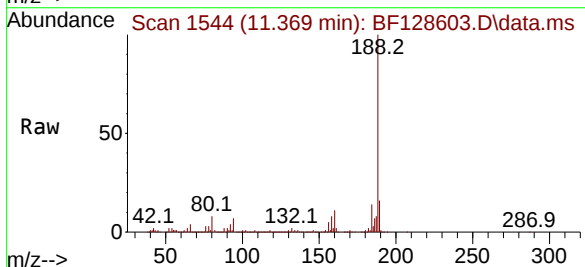
Instrument :
BNA_F
ClientSampleId :
BB-8

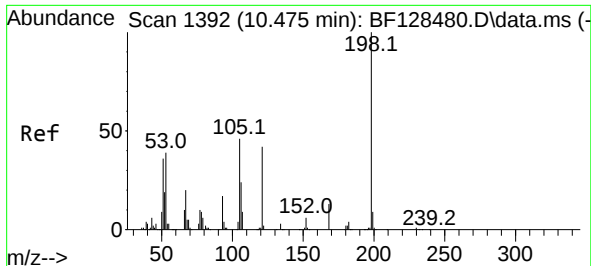
Tgt Ion:165 Resp: 23340
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 2.9 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

Tgt Ion:188 Resp: 286425
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 7.9 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.857 ng

RT: 10.674 min Scan# 1426

Delta R.T. 0.199 min

Lab File: BF128603.D

Acq: 31 May 2022 19:28

Instrument :

BNA_F

ClientSampleId :

BB-8

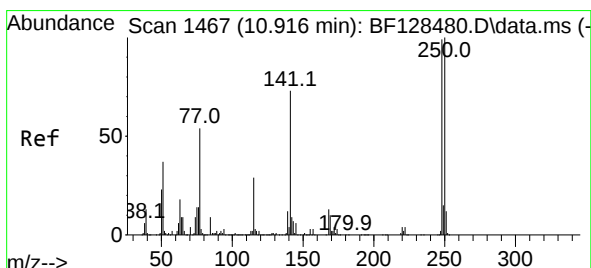
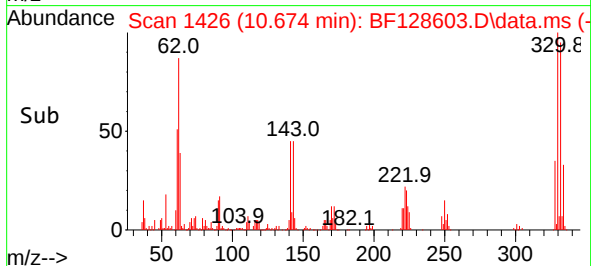
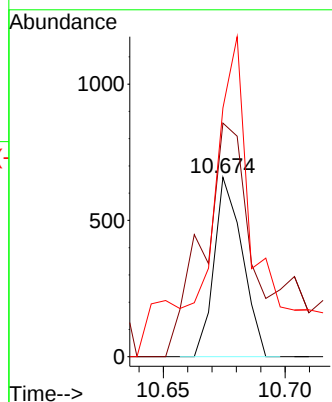
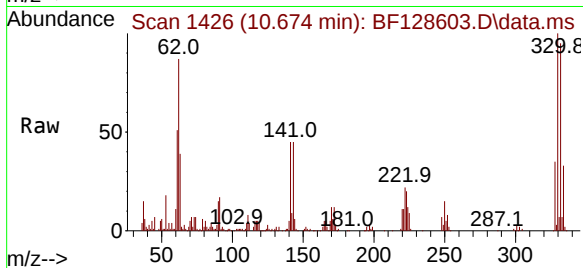
Tgt Ion:198 Resp: 531

Ion Ratio Lower Upper

198 100

51 130.2 37.6 77.6#

105 138.6 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.184 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.236 min

Lab File: BF128603.D

Acq: 31 May 2022 19:28

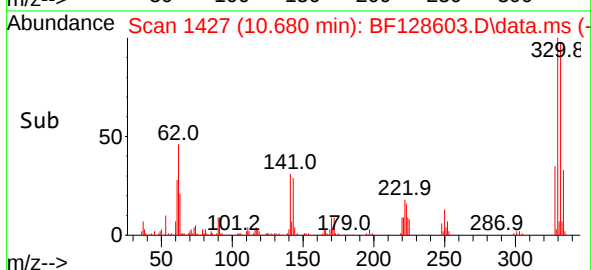
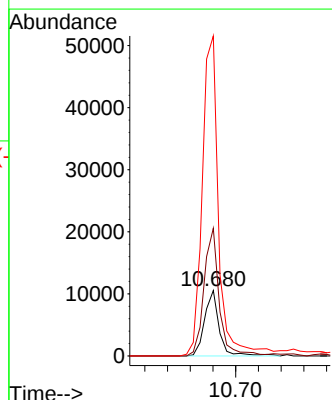
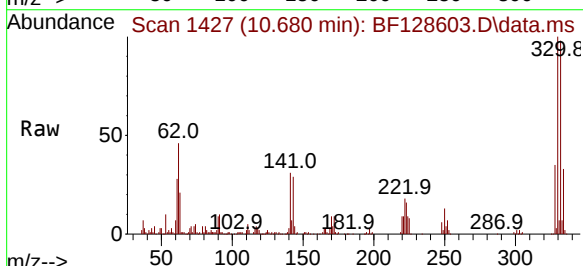
Tgt Ion:248 Resp: 9422

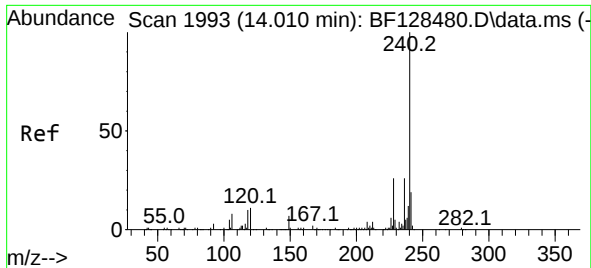
Ion Ratio Lower Upper

248 100

250 194.8 80.6 120.8#

141 488.4 58.9 88.3#

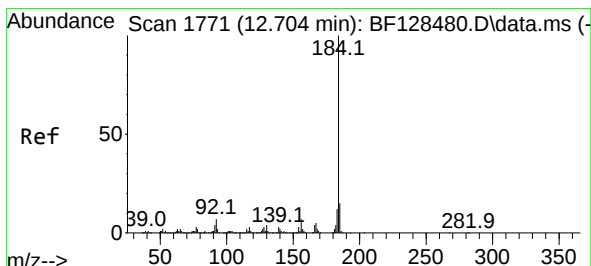
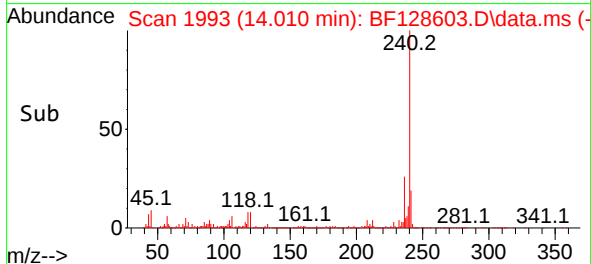
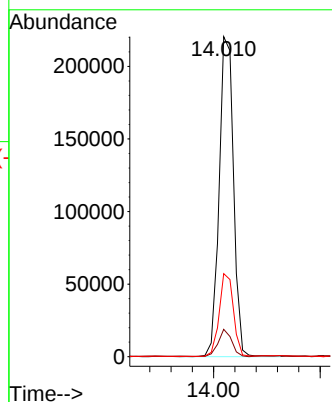
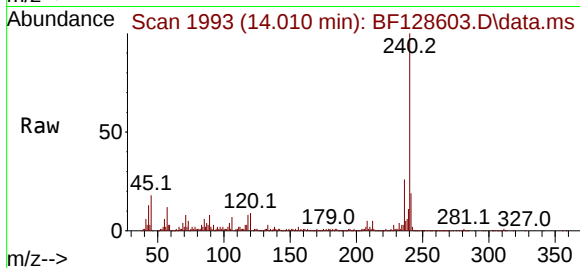




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

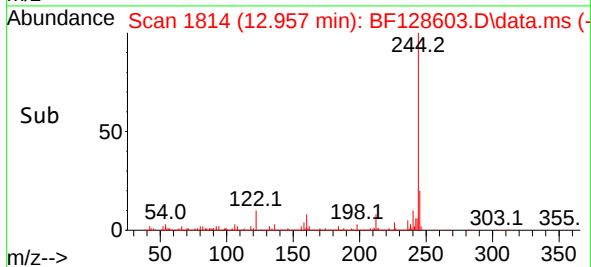
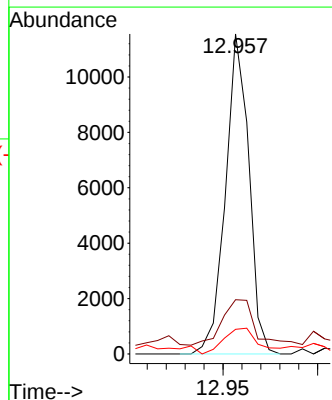
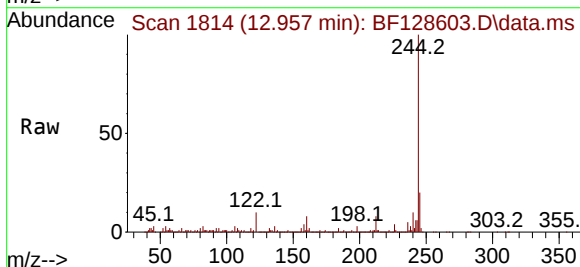
Instrument :
BNA_F
ClientSampleId :
BB-8

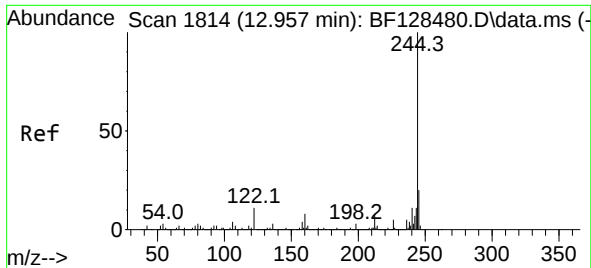
Tgt Ion:240 Resp: 206552
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 25.9 20.8 31.2



#77
Benzidine
Concen: 2.080 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

Tgt Ion:184 Resp: 9909
Ion Ratio Lower Upper
184 100
185 16.9 11.9 17.9
183 7.7 9.3 13.9#

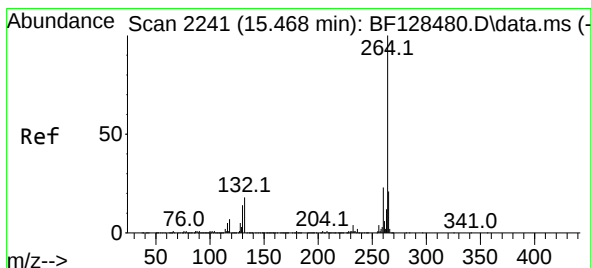
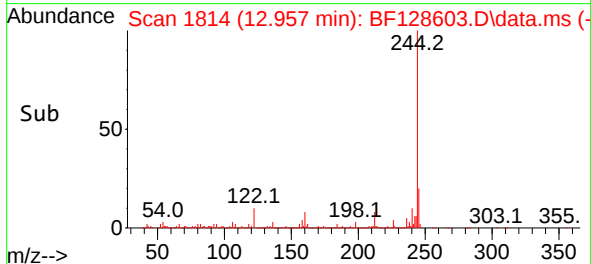
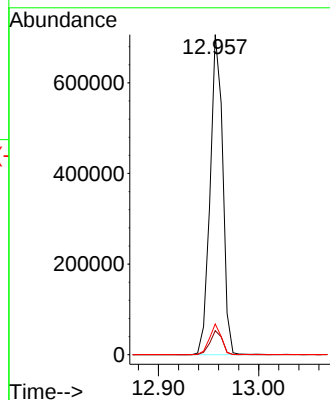
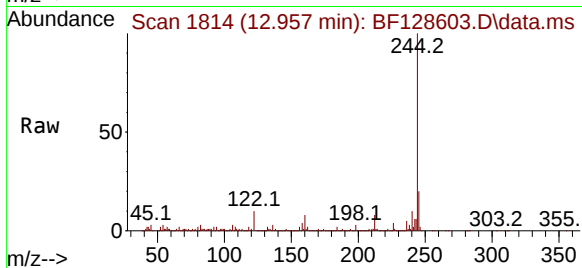




#79
 Terphenyl-d14
 Concen: 57.853 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128603.D
 Acq: 31 May 2022 19:28

Instrument :
 BNA_F
 ClientSampleId :
 BB-8

Tgt Ion:244 Resp: 618520
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. 0.017 min
 Lab File: BF128603.D
 Acq: 31 May 2022 19:28

Tgt Ion:264 Resp: 165647
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 21.5 17.2 25.8

