

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

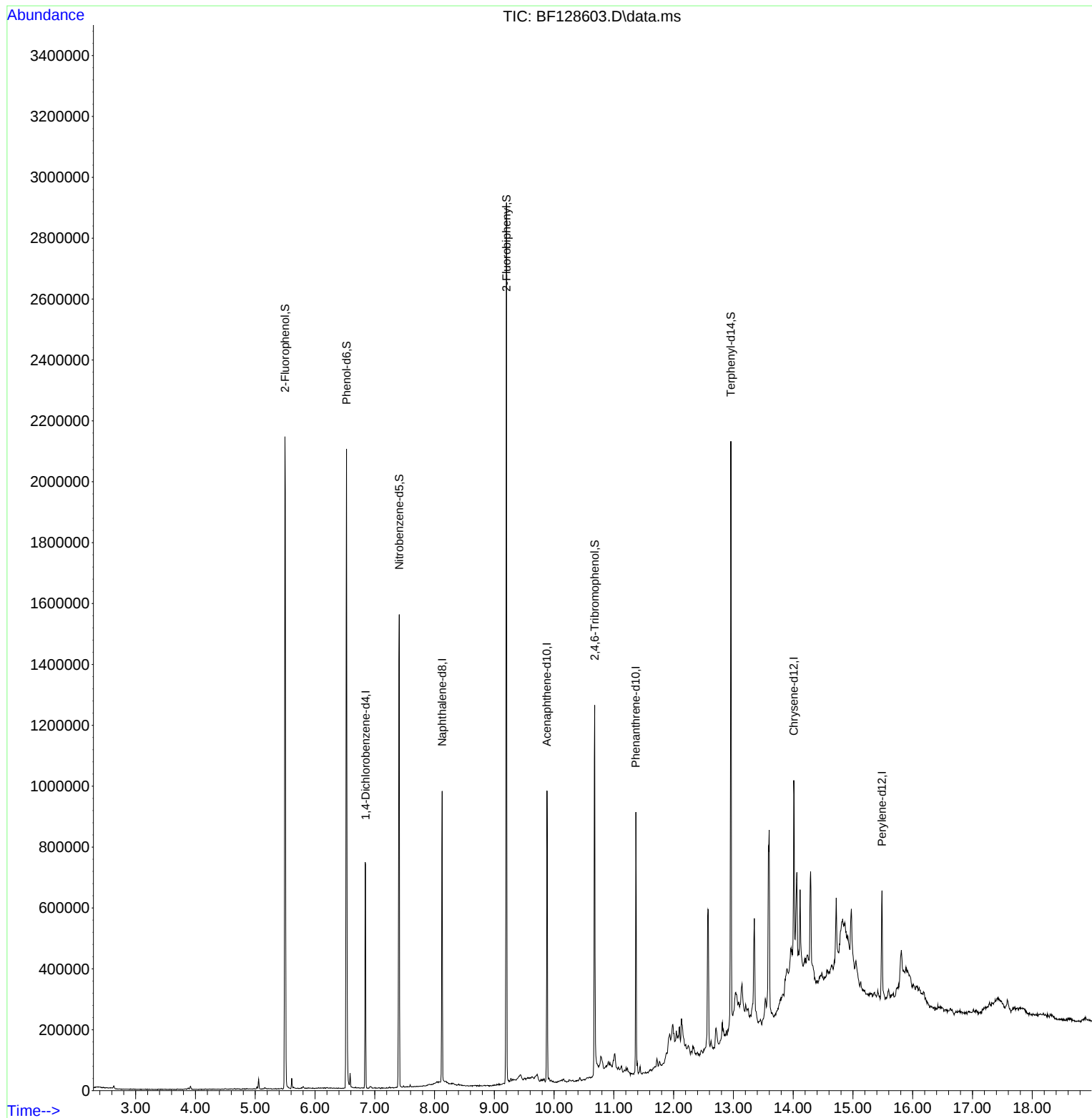
Target Compounds	Qvalue

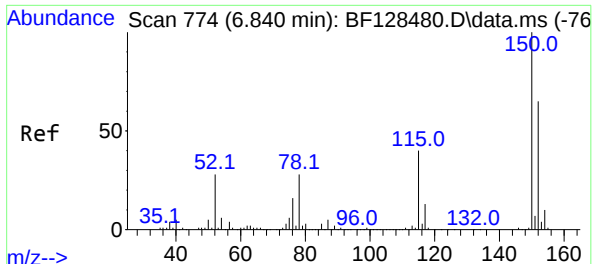
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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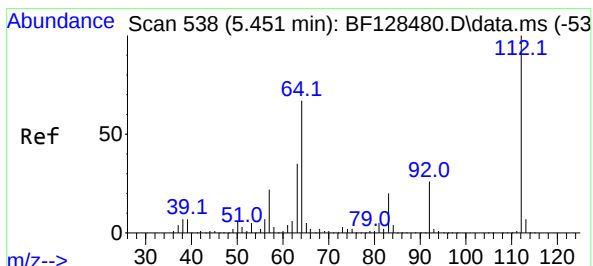
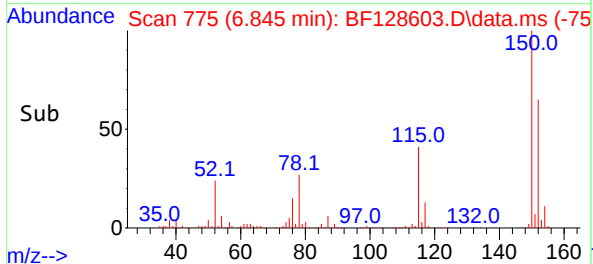
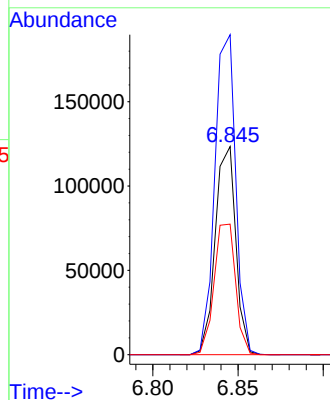
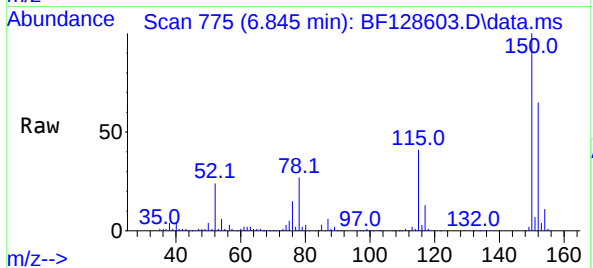




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

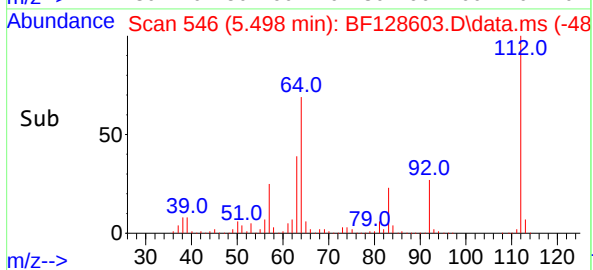
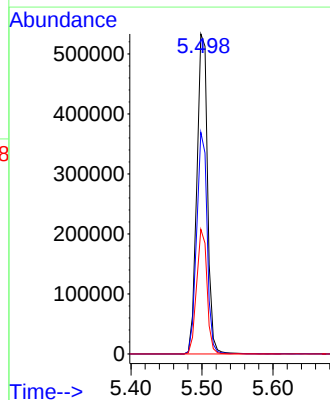
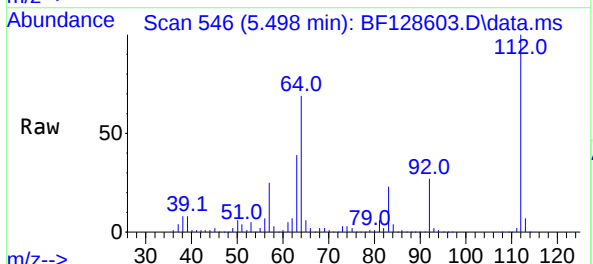
Instrument :
BNA_F
ClientSampleId :
BB-8

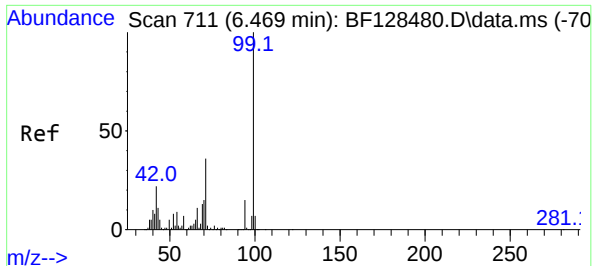
Tgt Ion:152 Resp: 103762
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 62.7 49.9 74.9



#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

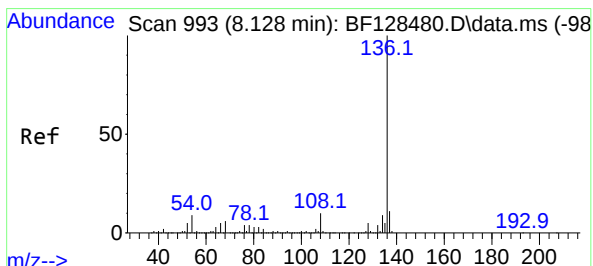
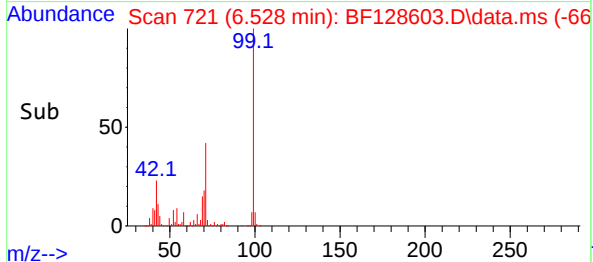
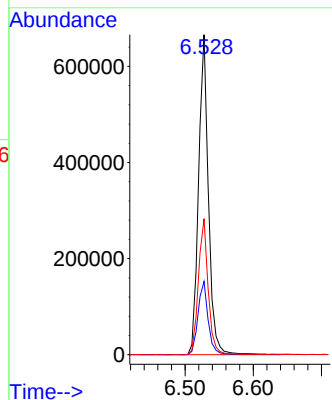
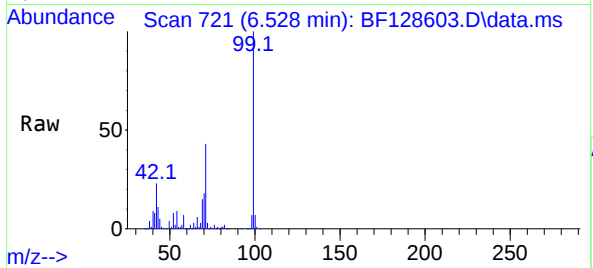




#7
Phenol-d6
Concen: 83.711 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.059 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

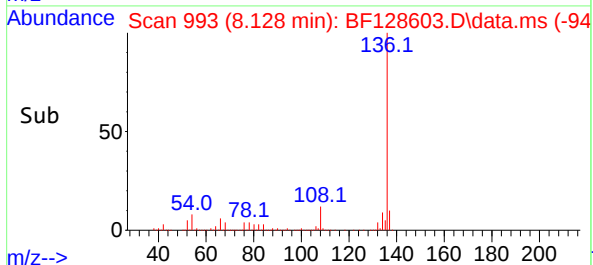
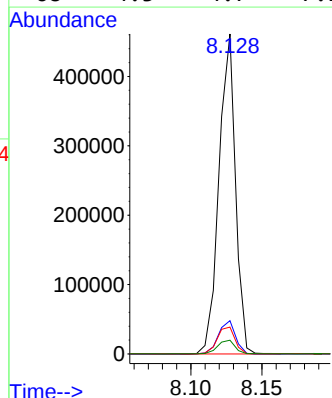
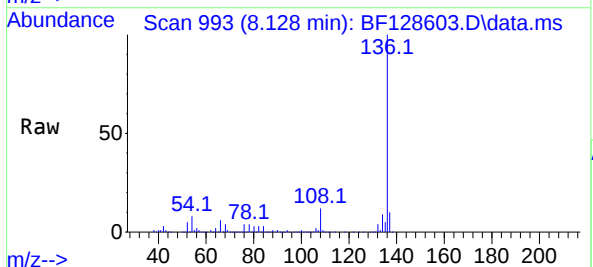
Instrument :
BNA_F
ClientSampleId :
BB-8

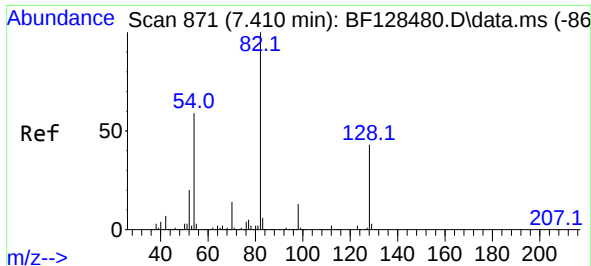
Tgt Ion: 99 Resp: 668615
Ion Ratio Lower Upper
99 100
42 22.9 17.3 25.9
71 42.5 28.9 43.3



#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

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# 81

Delta R.T. -0.000 min

Lab File: BF128603.D

Acq: 31 May 2022 19:28

Instrument :

BNA_F

ClientSampleId :

BB-8

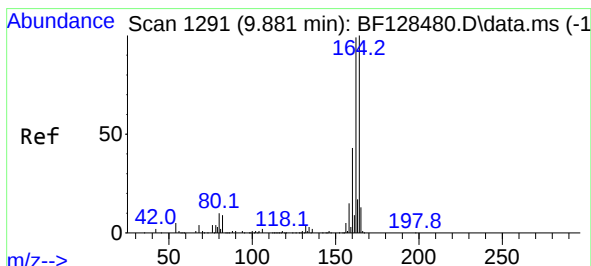
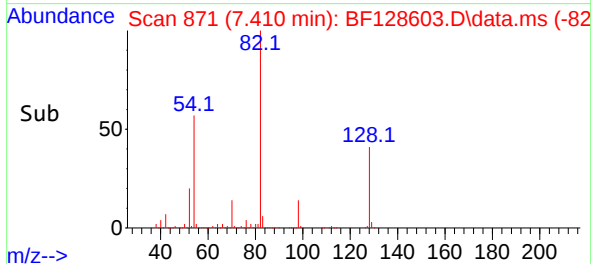
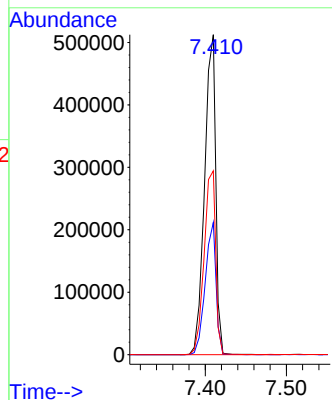
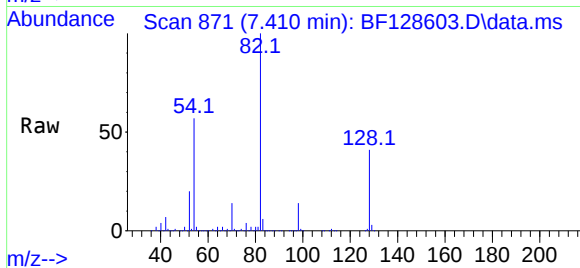
Tgt Ion: 82 Resp: 488944

Ion Ratio Lower Upper

82 100

128 41.3 34.0 51.0

54 57.4 46.9 70.3



#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

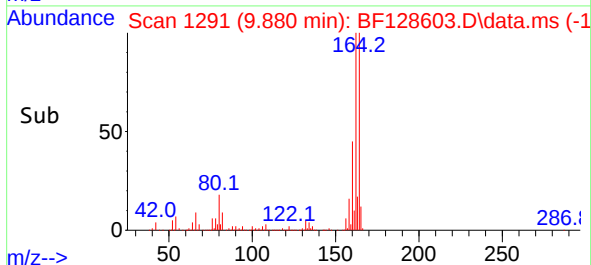
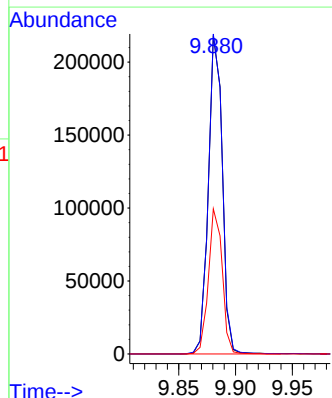
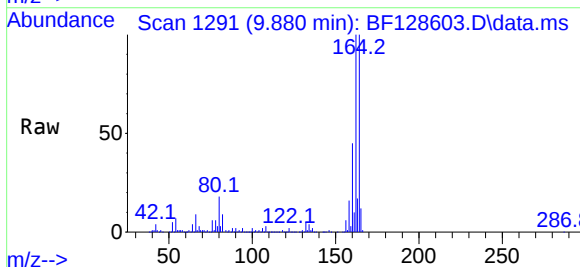
Tgt Ion:164 Resp: 185864

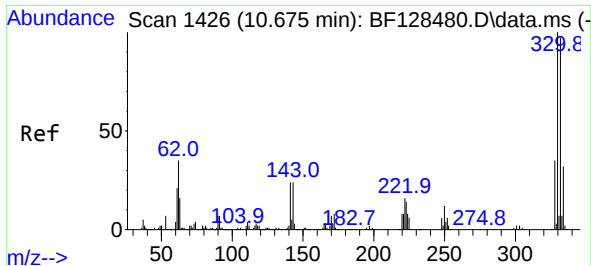
Ion Ratio Lower Upper

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

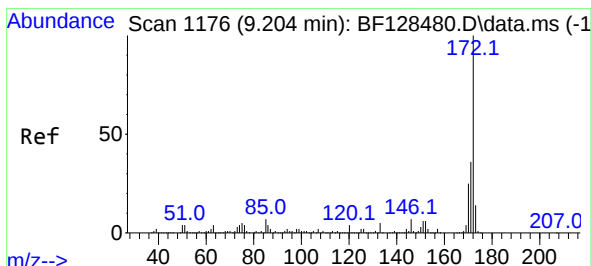
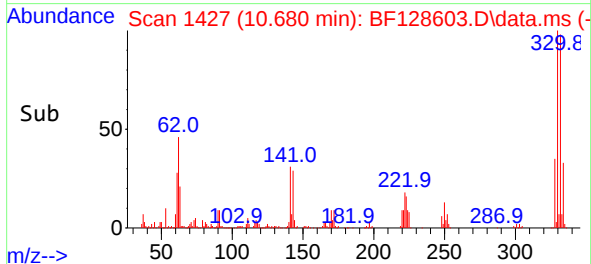
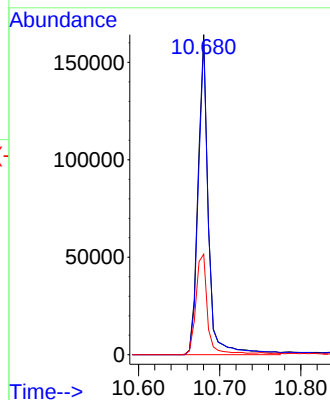
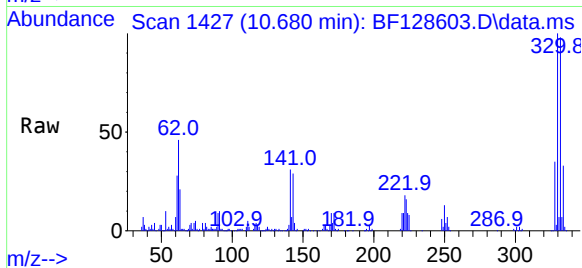
Tgt Ion:330 Resp: 147114

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

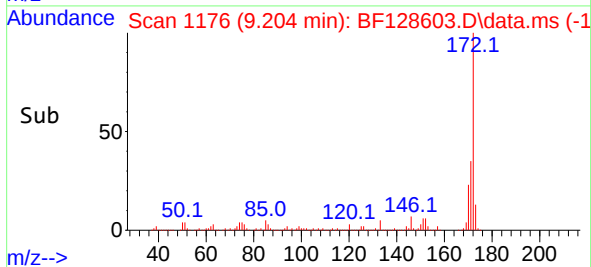
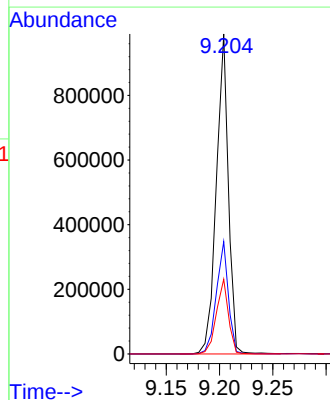
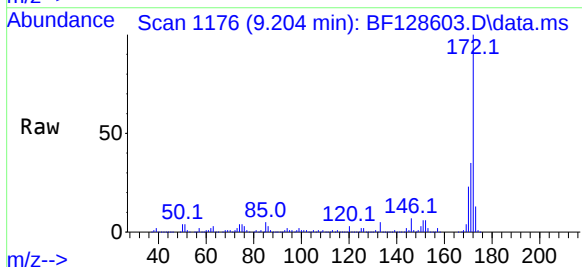
Tgt Ion:172 Resp: 777101

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.4 19.8 29.8

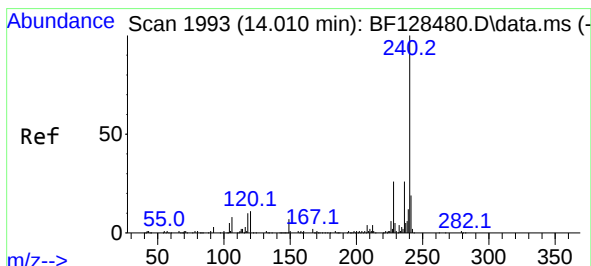
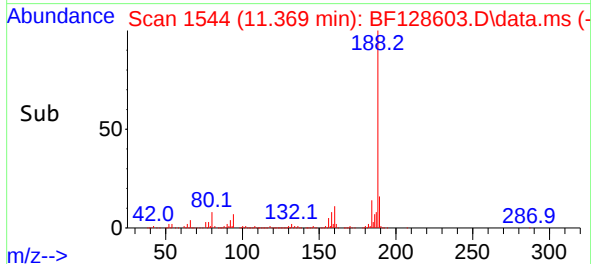
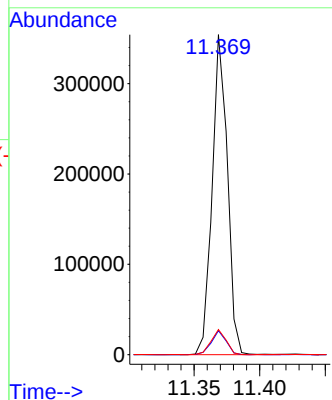
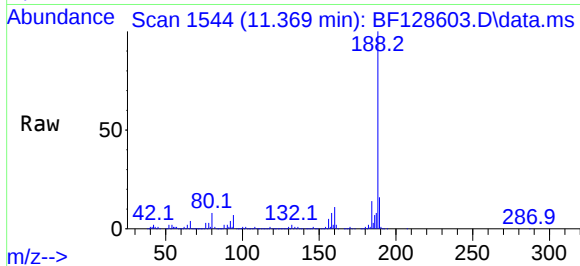




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

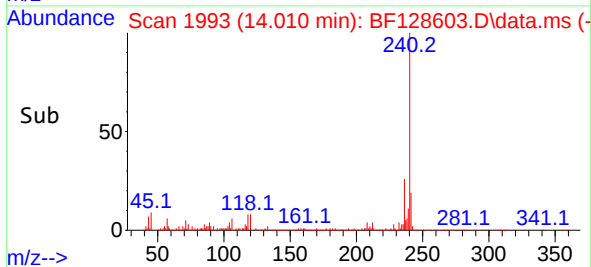
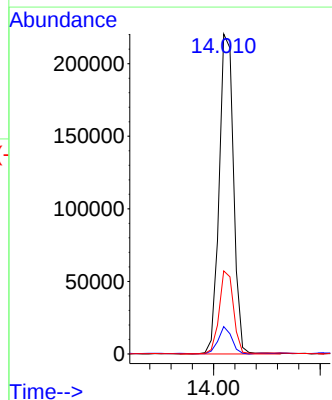
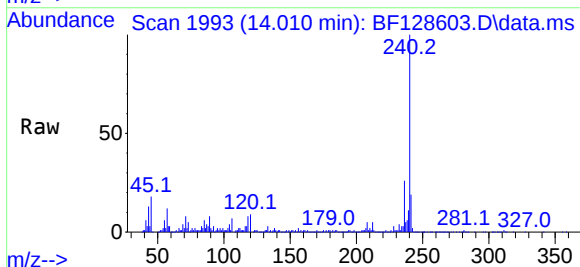
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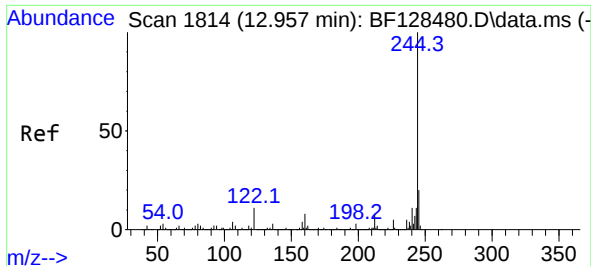
Tgt Ion:188 Resp: 286425
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 7.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF128603.D
Acq: 31 May 2022 19:28

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

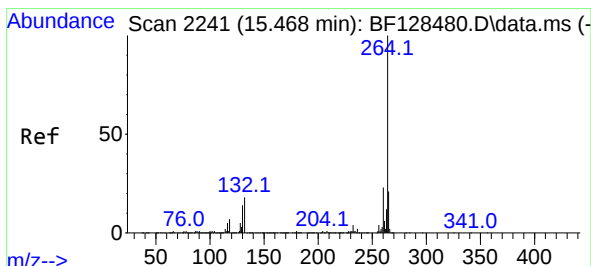
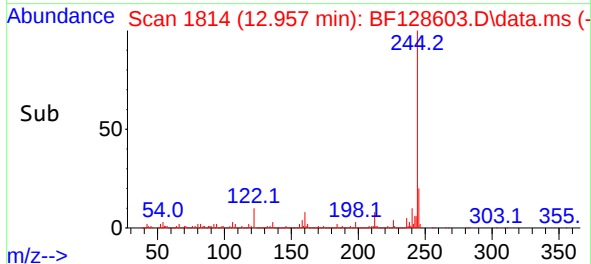
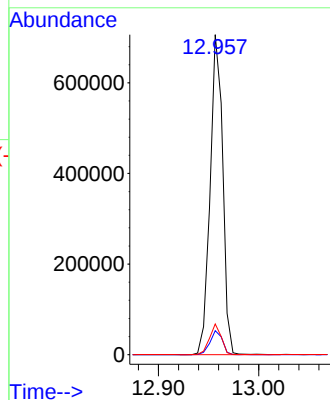
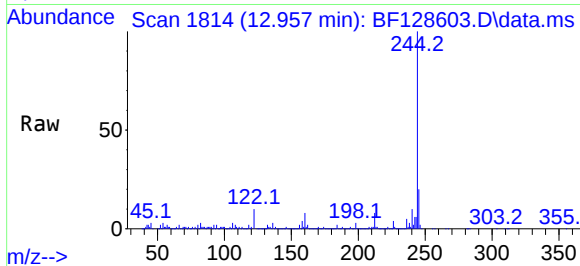




#79
 Terphenyl-d14
 Concen: 57.853 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128603.D
 Acq: 31 May 2022 19:28

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

