

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036807.D
 Acq On : 19 Sep 2018 5:34
 Operator : JU/SJ
 Sample : J4947-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 97-20

Quant Time: Sep 19 07:38:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53969	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	219861	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	138294	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	326729	20.00	ng	0.00
75) Chrysene-d12	21.68	240	351967	20.00	ng	-0.02
86) Perylene-d12	24.89	264	360798	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	341155	100.27	ng	0.00
7) Phenol-d6	7.21	99	429149	88.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	346021	85.39	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	212261	128.63	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	770165	79.52	ng	-0.02
78) Terphenyl-d14	20.02	244	1202976	79.89	ng	0.00

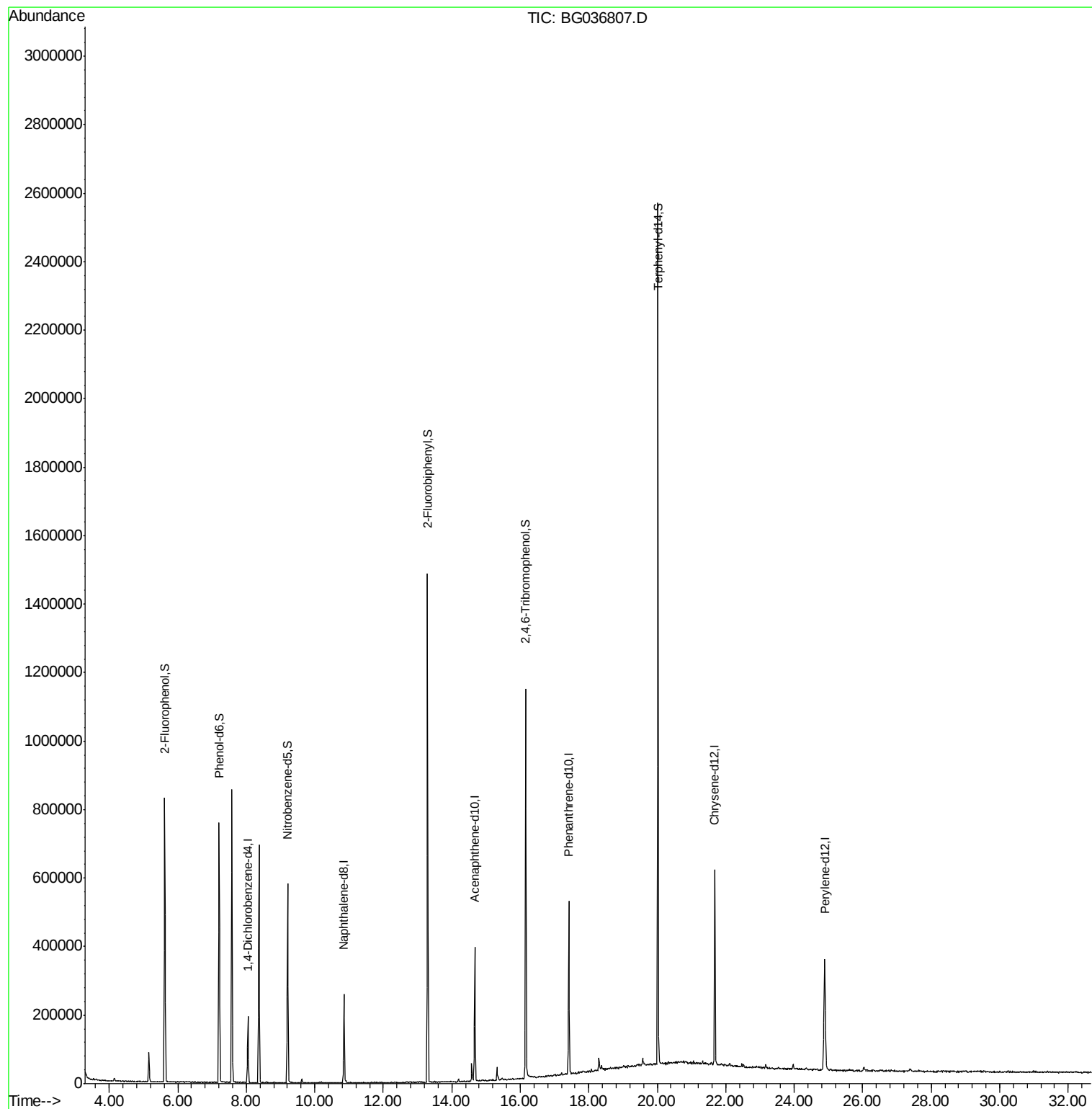
Target Compounds Qvalue

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

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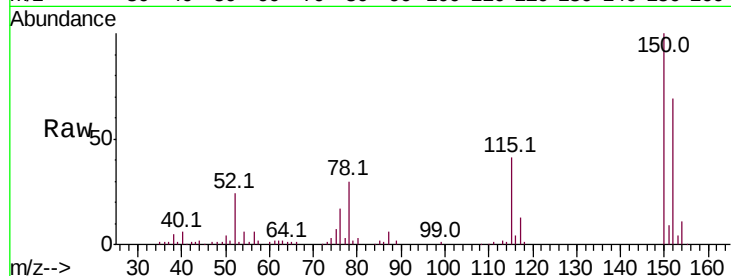


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Instrument :
 BNA_G
 ClientSampleId :
 97-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	119.5	179.3
115	59.4	44.5	66.7

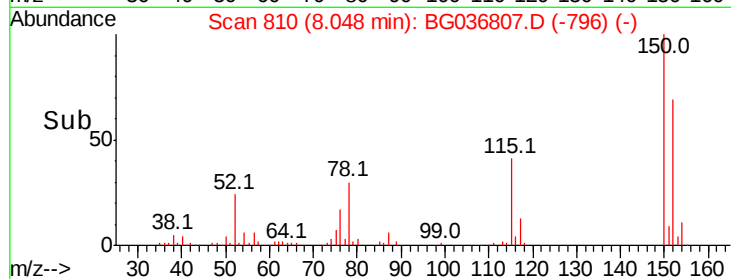
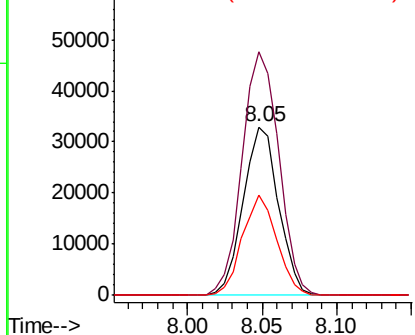


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

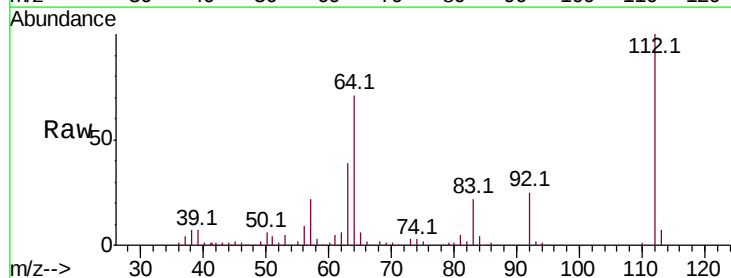
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 100.275 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	57.2	85.8
63	38.6	30.8	46.2

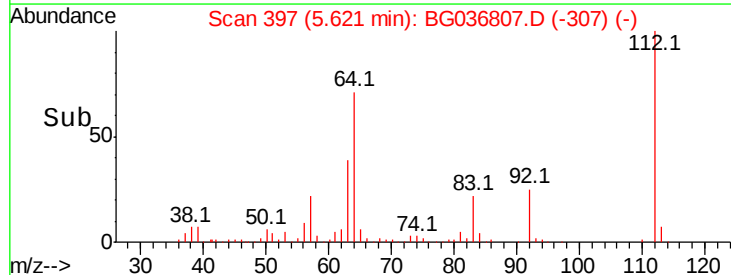
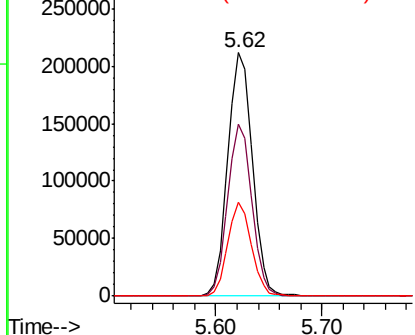


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 88.101 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036807.D

Acq: 19 Sep 2018 5:34

Instrument :

BNA_G

ClientSampleId :

97-20

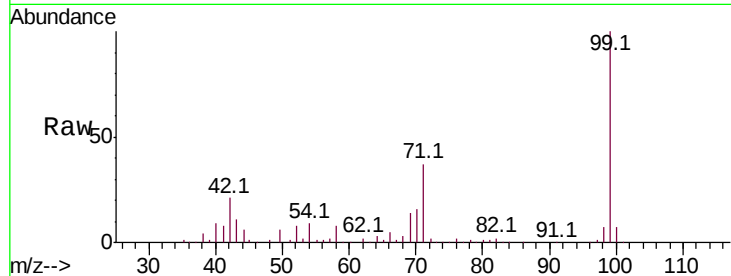
Tot Ion: 99 Resp: 429149

Ion Ratio Lower Upper

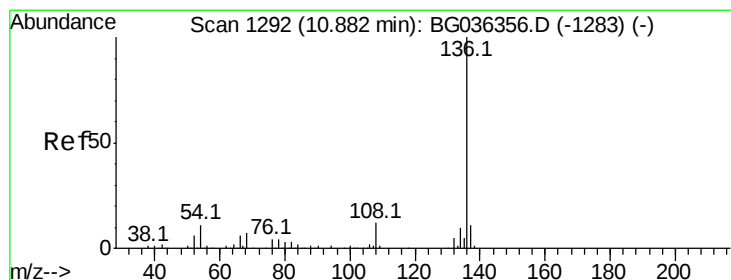
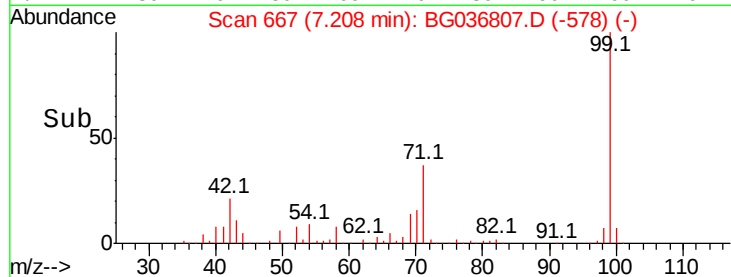
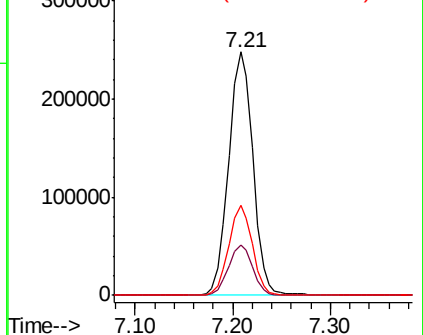
99 100

42 20.7 16.5 24.7

71 37.0 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036807.D

Acq: 19 Sep 2018 5:34

Tgt Ion: 136 Resp: 219861

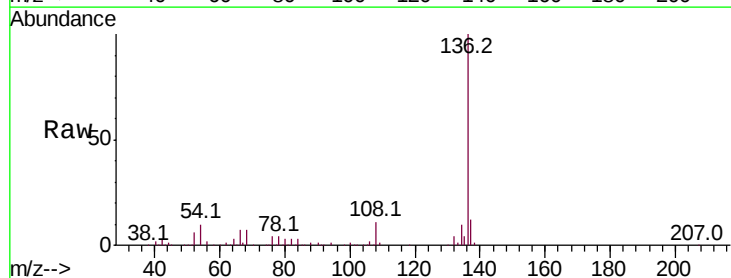
Ion Ratio Lower Upper

136 100

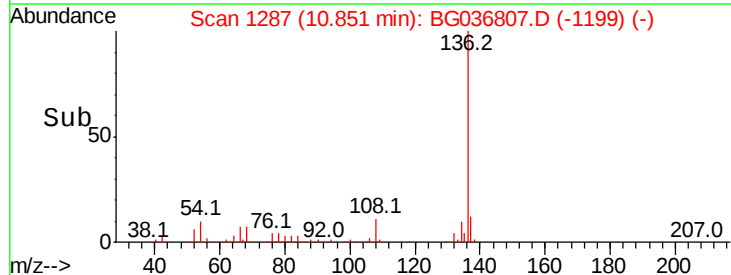
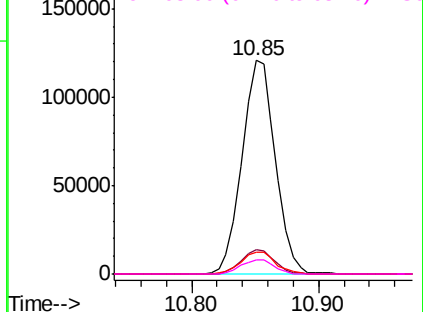
137 11.6 8.8 13.2

54 10.1 9.2 13.8

68 6.6 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

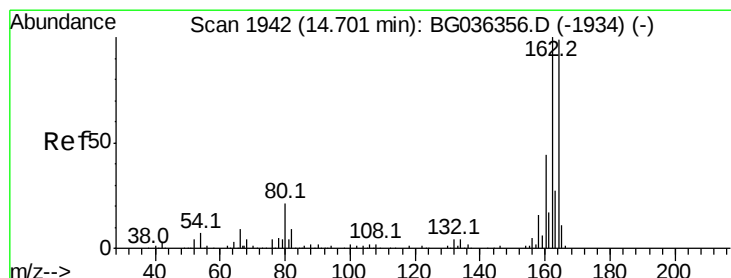
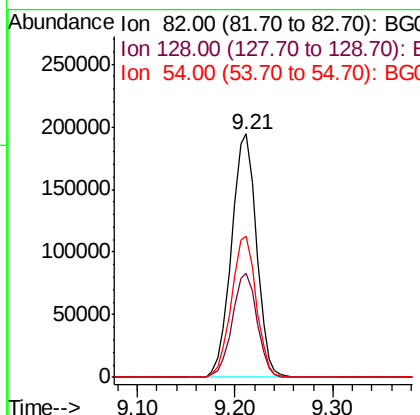
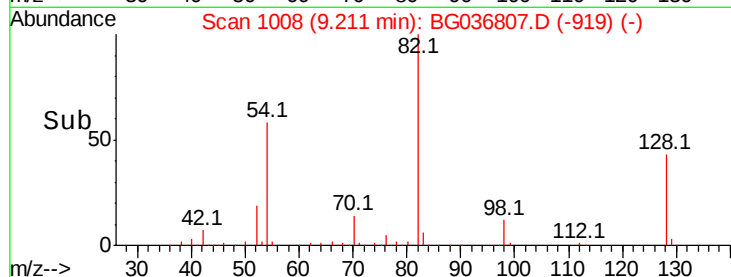
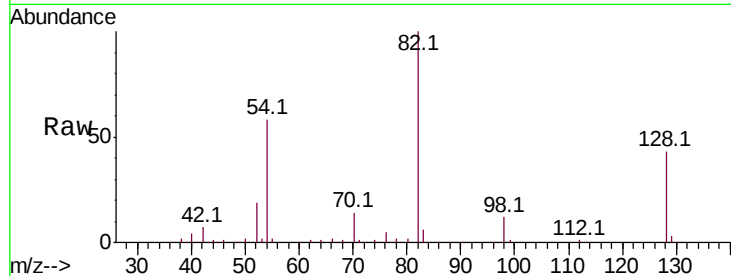




#23
 Nitrobenzene-d5
 Concen: 85.390 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

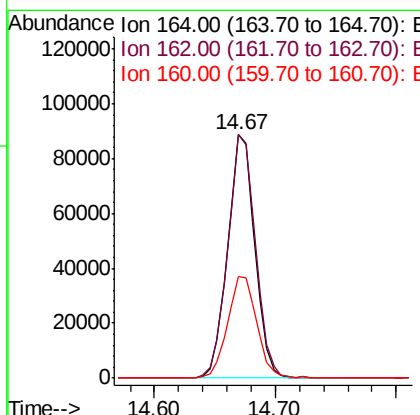
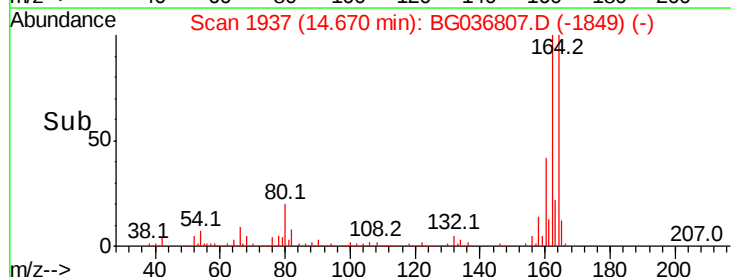
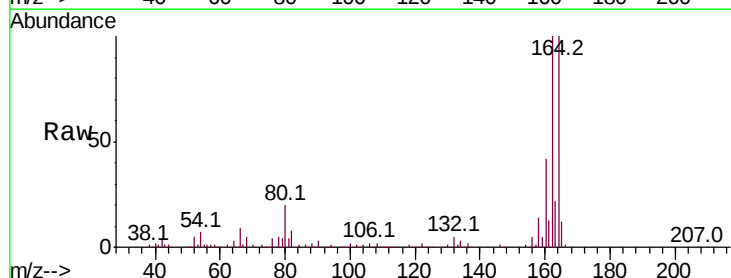
Instrument :
 BNA_G
 ClientSampleId :
 97-20

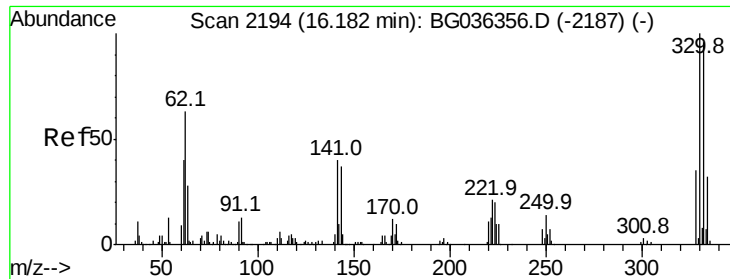
Tot Ion: 82 Resp: 346021
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.3 49.9
 54 58.1 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Tgt Ion: 164 Resp: 138294
 Ion Ratio Lower Upper
 164 100
 162 99.8 80.7 121.1
 160 41.7 35.3 52.9

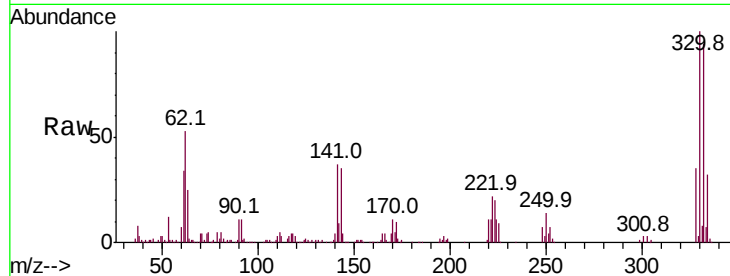




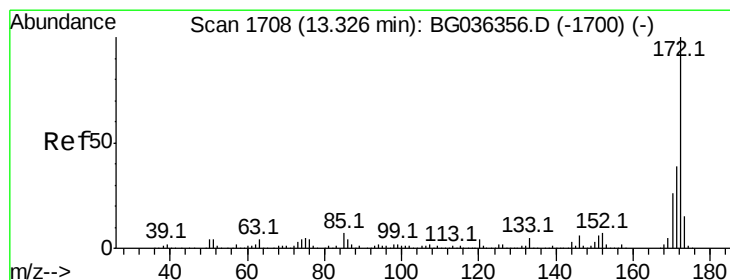
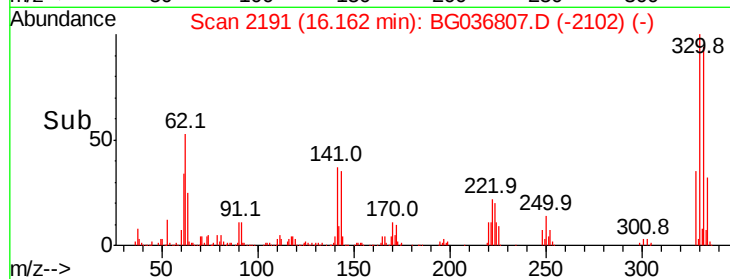
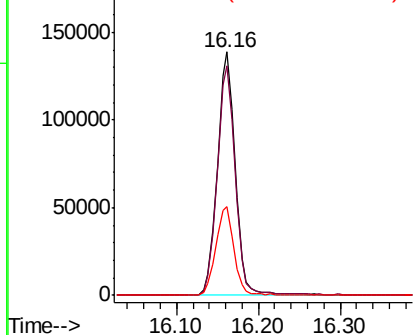
#41
 2,4,6-Tribromophenol
 Concen: 128.631 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Instrument :
 BNA_G
 ClientSampleId :
 97-20

Tot Ion:330 Resp: 212261
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.4 113.2
 141 37.4 30.7 46.1

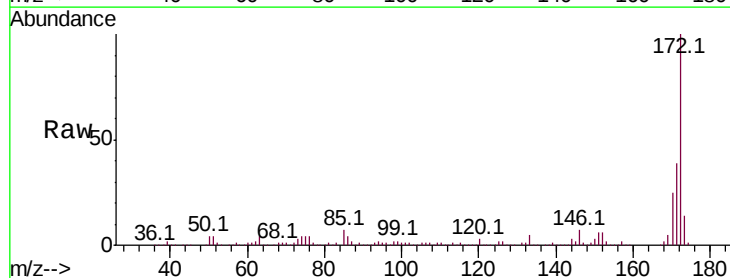


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

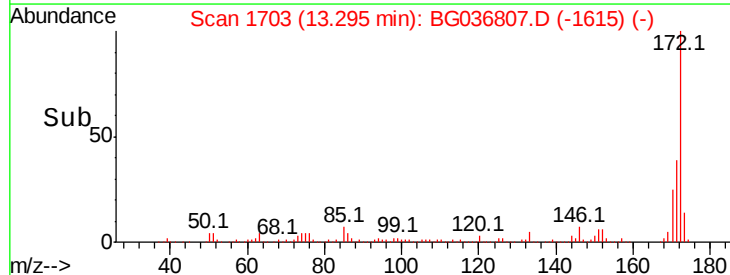
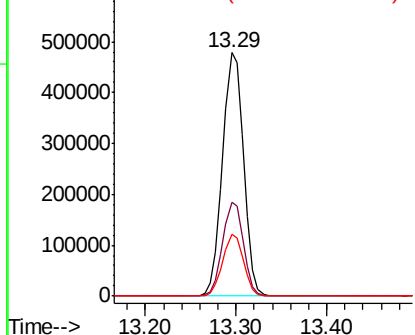


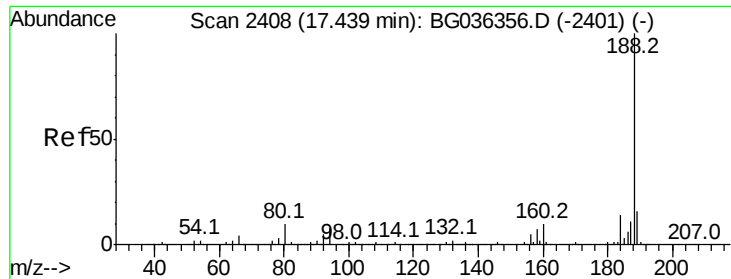
#44
 2-Fluorobiphenyl
 Concen: 79.516 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Tgt Ion:172 Resp: 770165
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.3 46.9
 170 25.4 21.0 31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

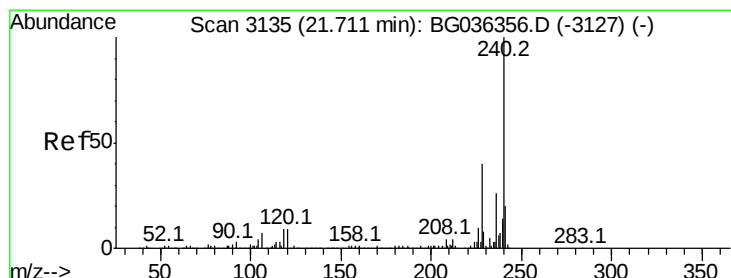
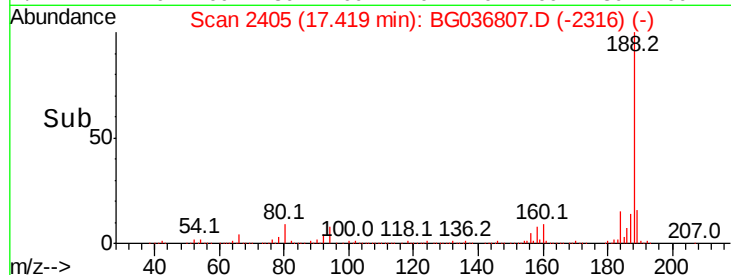
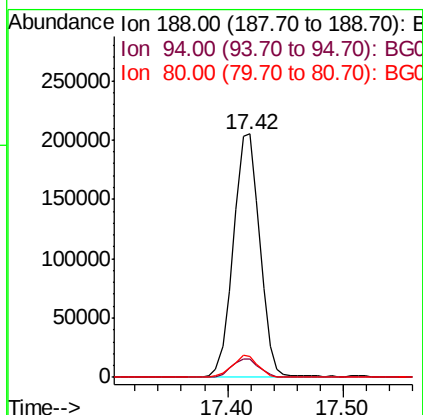
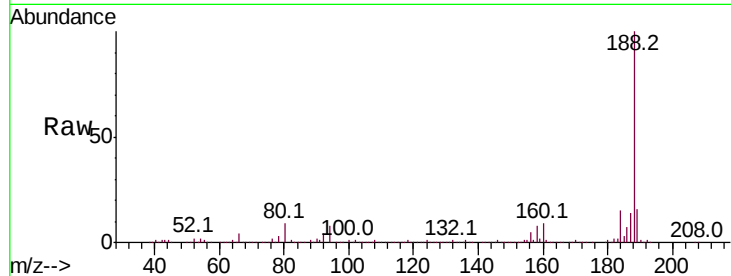




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036807.D
Acq: 19 Sep 2018 5:34

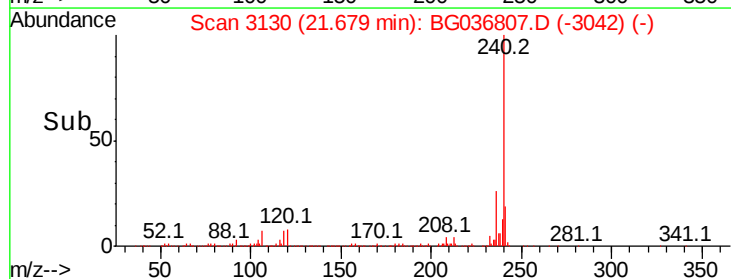
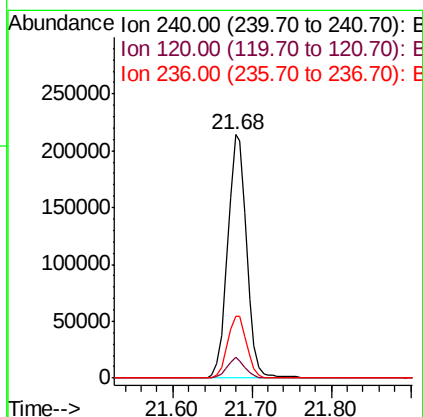
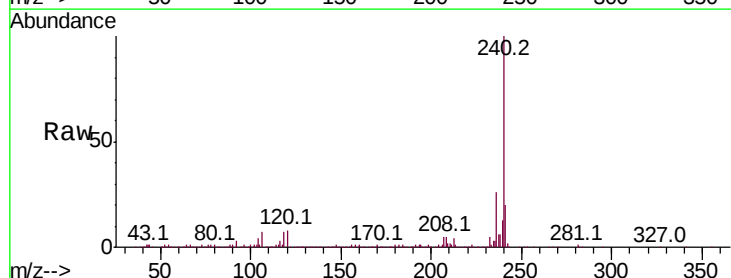
Instrument :
BNA_G
ClientSampled :
97-20

Tot Ion:188 Resp: 326729
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036807.D
Acq: 19 Sep 2018 5:34

Tgt Ion:240 Resp: 351967
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.6 21.2 31.8



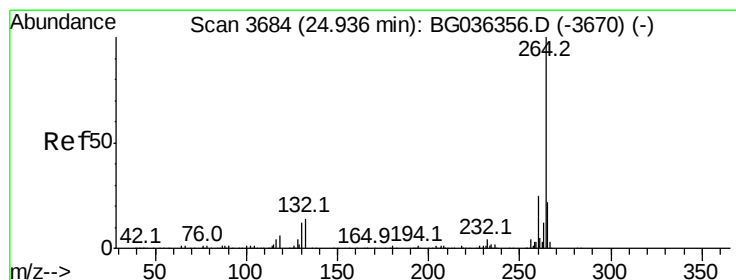
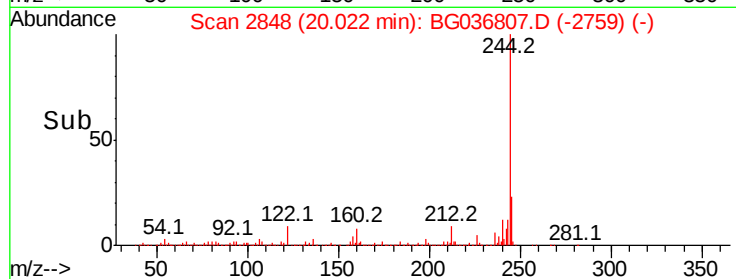
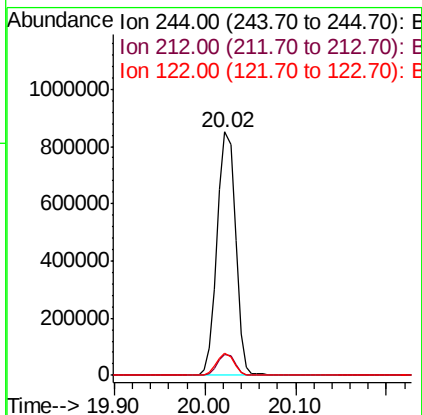
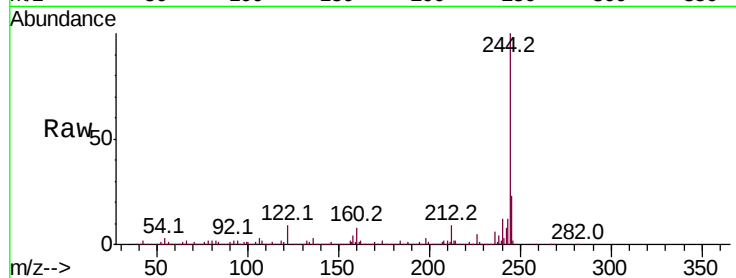


#78
 Terphenyl-d14
 Concen: 79.887 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Instrument :
 BNA_G
 ClientSampled :
 97-20

Tot Ion:244 Resp: 1202976

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Tgt Ion:264 Resp: 360798

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.7	17.4	26.0

