

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020048.D
 Acq On : 9 Dec 2015 17:59
 Operator : UM/SJ
 Sample : G4556-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ELP-5

Quant Time: Dec 10 00:51:14 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19046	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	84638	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	56842	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	140191	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	174345	20.00	ng	-0.04
86) Perylene-d12	25.02	264	160257	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	123173	116.88	ng	-0.01
7) Phenol-d6	7.26	99	168382	105.83	ng	-0.01
23) Nitrobenzene-d5	9.28	82	149489	90.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	96465	110.91	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	361729	86.89	ng	-0.03
78) Terphenyl-d14	20.08	244	507236	70.96	ng	-0.03

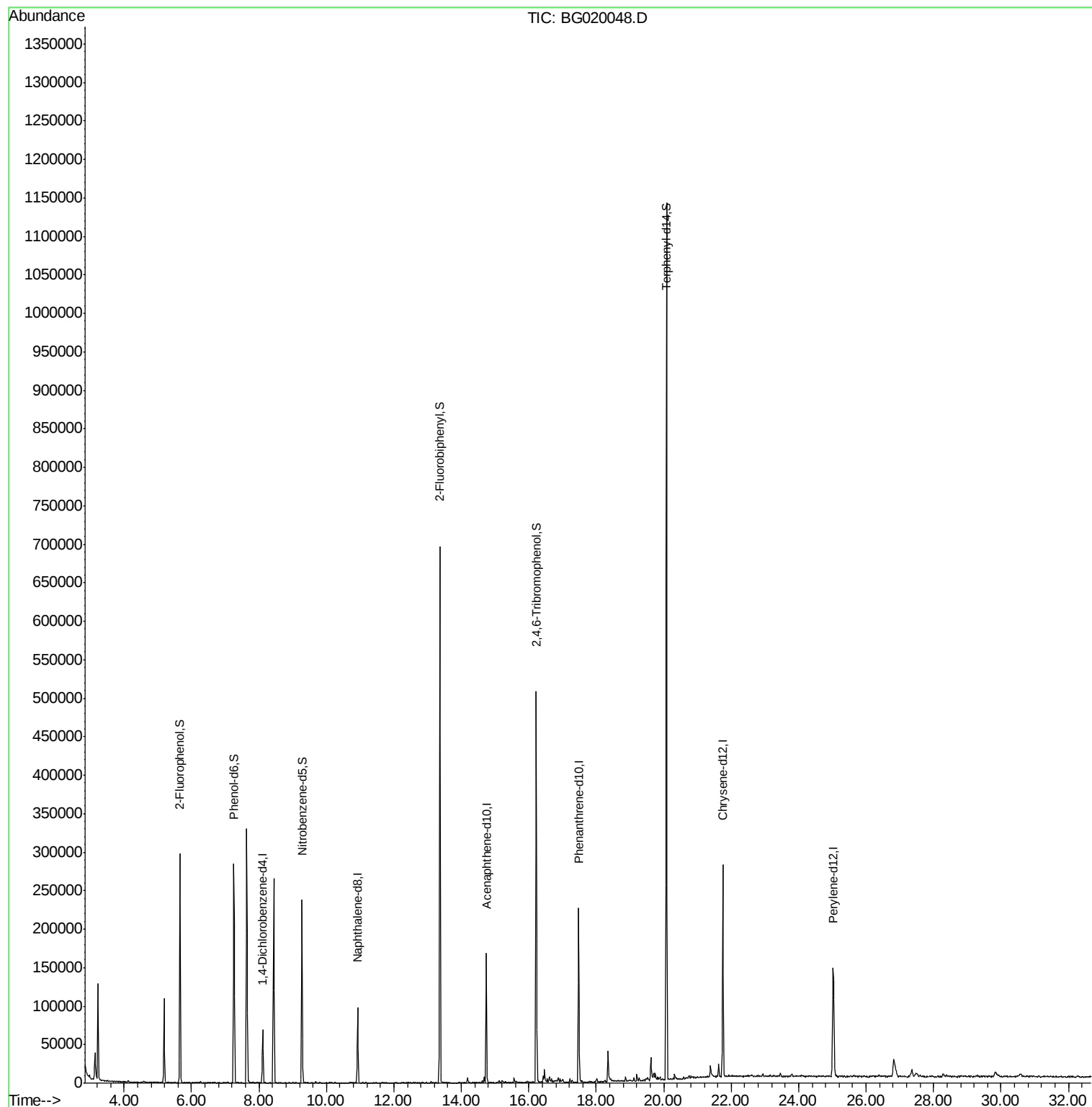
Target Compounds Qvalue

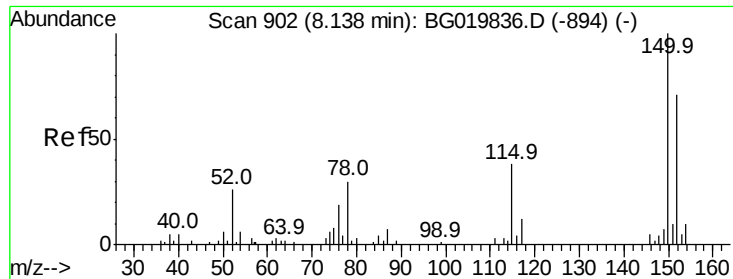
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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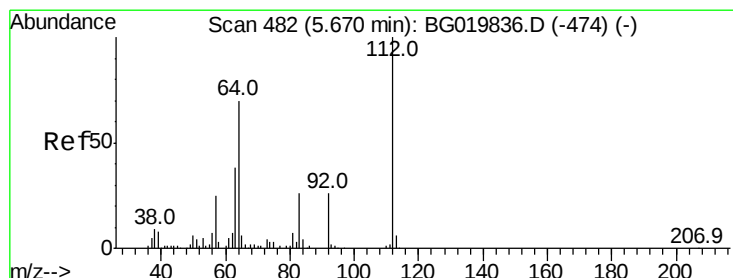
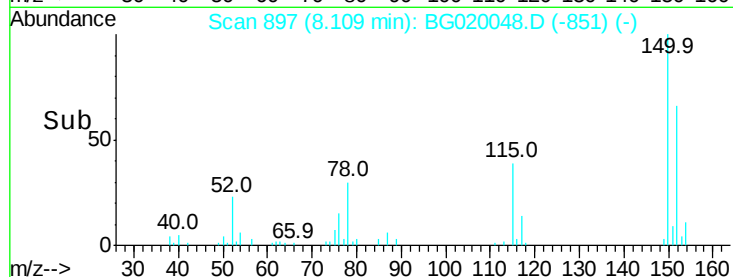
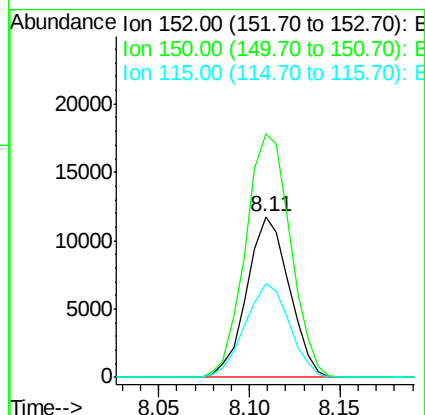
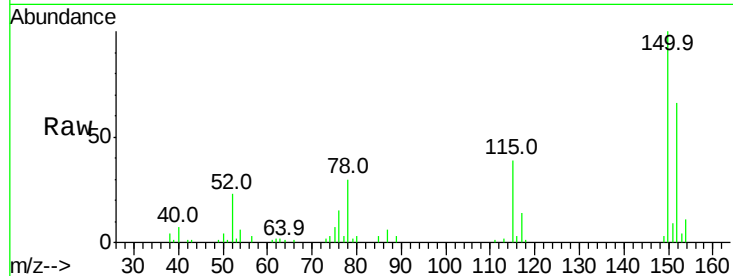


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020048.D
Acq: 9 Dec 2015 17:59

Instrument :
BNA_G
ClientSampleId :
ELP-5

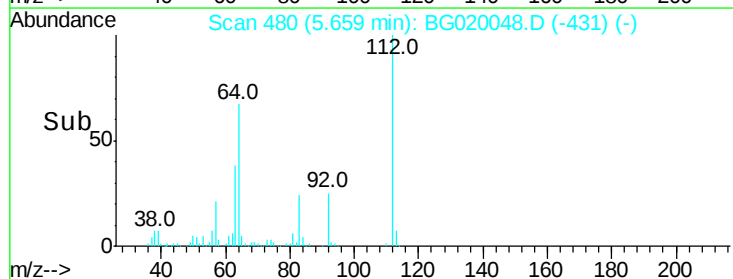
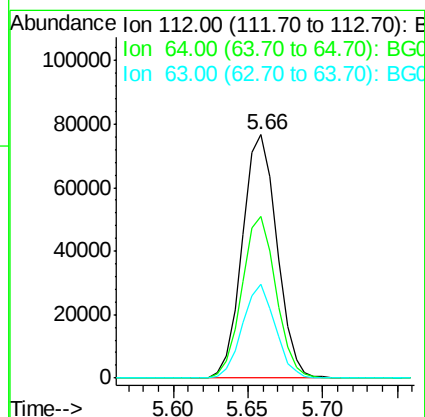
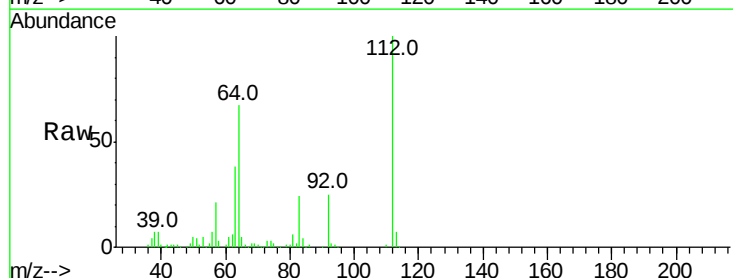
Tot Ion:152 Resp: 19046
Ion Ratio Lower Upper
152 100
150 151.4 115.0 172.4
115 58.7 43.9 65.9



#5

2-Fluorophenol
Concen: 116.88 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020048.D
Acq: 9 Dec 2015 17:59

Tgt Ion:112 Resp: 123173
Ion Ratio Lower Upper
112 100
64 66.6 43.7 65.5#
63 38.3 24.0 36.0#





#7

Phenol-d6

Concen: 105.83 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020048.D

Acq: 9 Dec 2015 17:59

Instrument :

BNA_G

ClientSampleId :

ELP-5

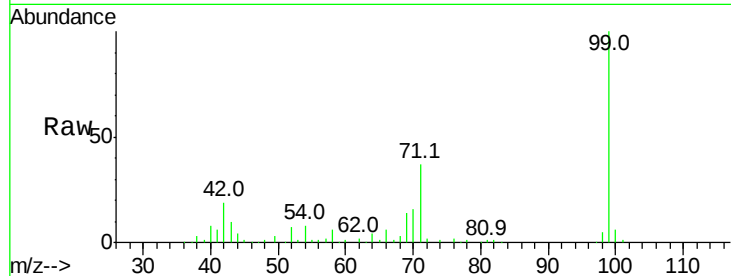
Tot Ion: 99 Resp: 168382

Ion Ratio Lower Upper

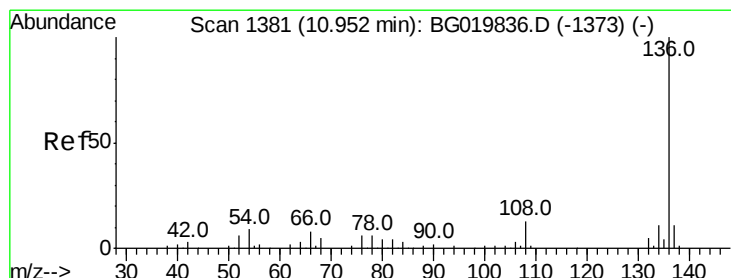
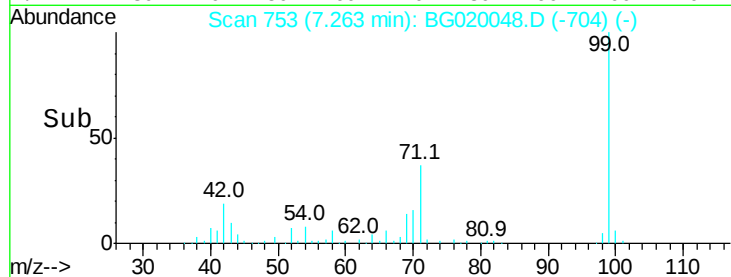
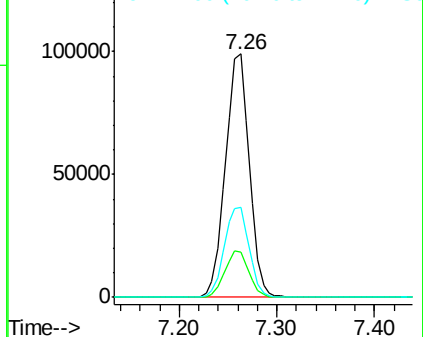
99 100

42 18.7 11.5 17.3#

71 36.9 22.6 34.0#



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: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG020048.D

Acq: 9 Dec 2015 17:59

Tgt Ion: 136 Resp: 84638

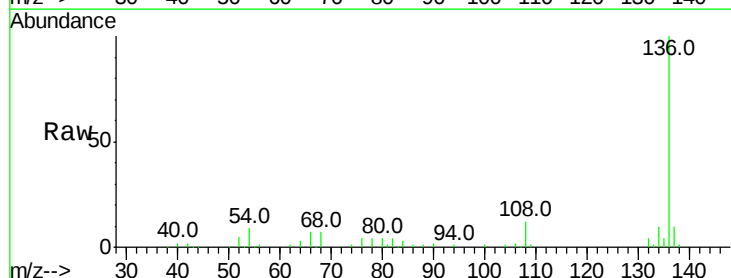
Ion Ratio Lower Upper

136 100

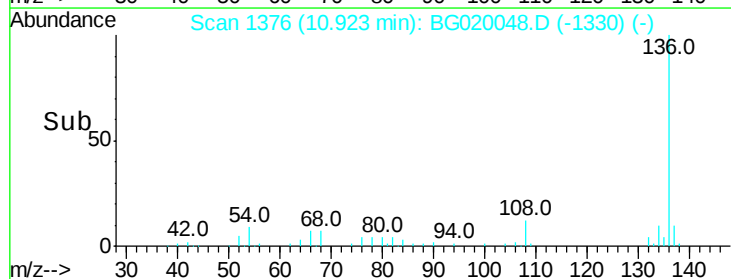
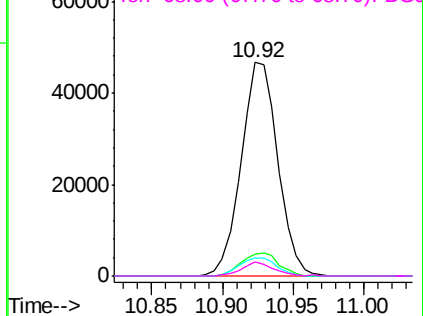
137 10.3 8.6 12.8

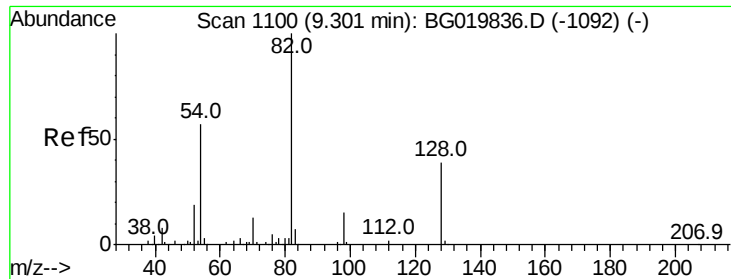
54 8.7 5.4 8.2#

68 6.7 5.3 7.9



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

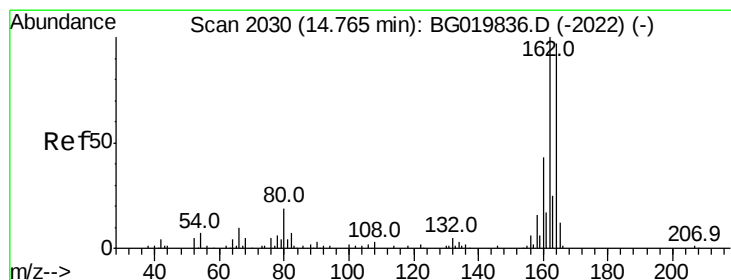
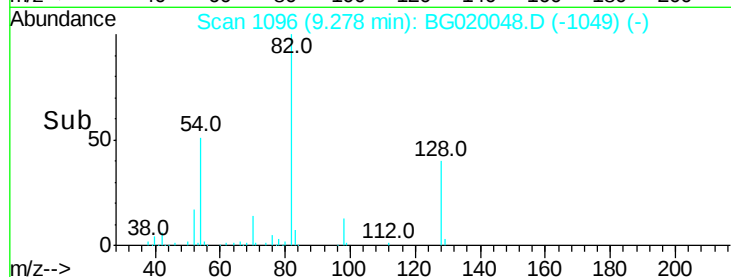
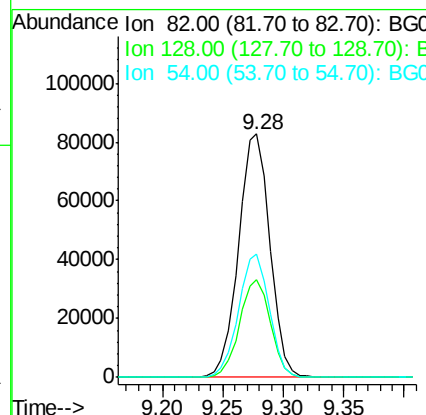
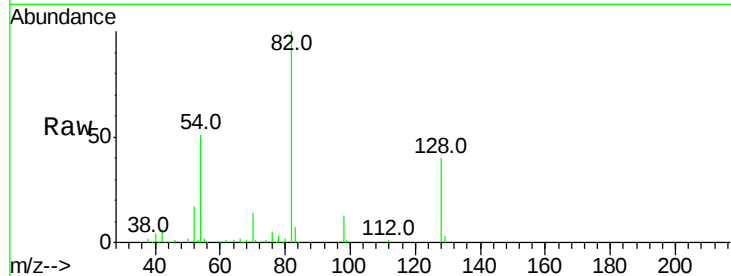




#23
 Nitrobenzene-d5
 Concen: 90.14 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020048.D
 Acq: 9 Dec 2015 17:59

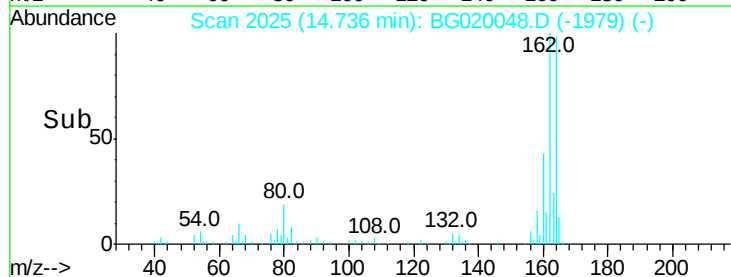
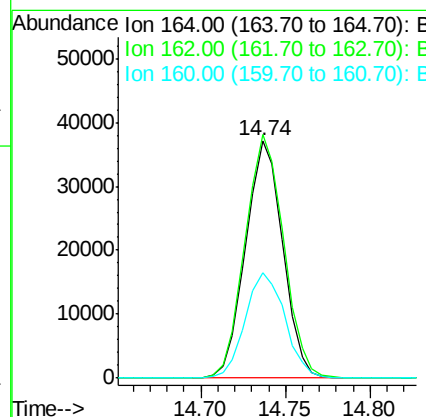
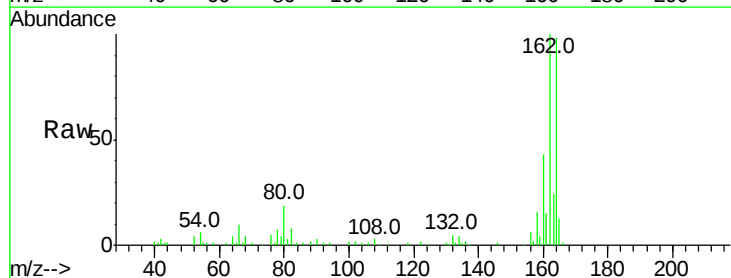
Instrument :
 BNA_G
 ClientSampled :
 ELP-5

Tot Ion: 82 Resp: 149489
 Ion Ratio Lower Upper
 82 100
 128 40.3 36.7 55.1
 54 50.6 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020048.D
 Acq: 9 Dec 2015 17:59

Tgt Ion: 164 Resp: 56842
 Ion Ratio Lower Upper
 164 100
 162 102.5 78.8 118.2
 160 44.1 36.4 54.6

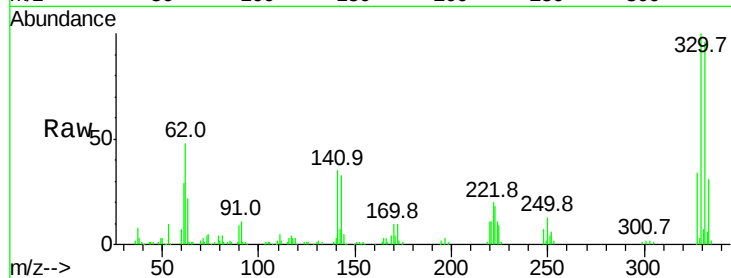




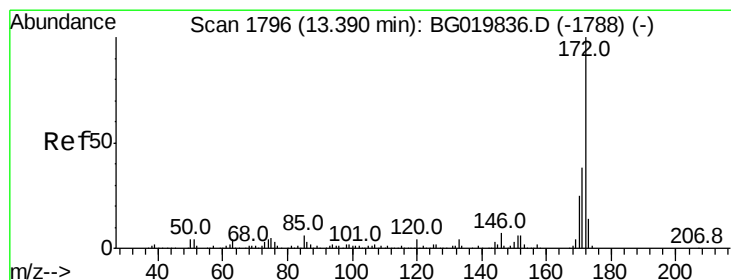
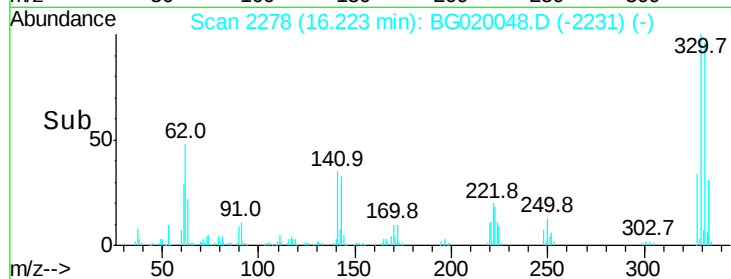
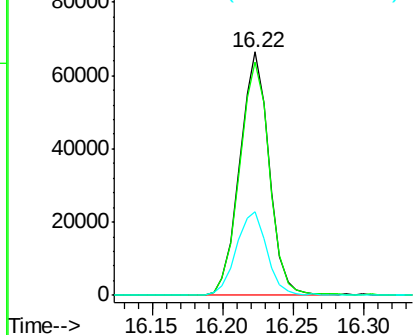
#41
 2,4,6-Tribromophenol
 Concen: 110.91 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020048.D
 Acq: 9 Dec 2015 17:59

Instrument :
 BNA_G
 ClientSampleId :
 ELP-5

Tot Ion:330 Resp: 96465
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.1 117.1
 141 36.0 28.2 42.2

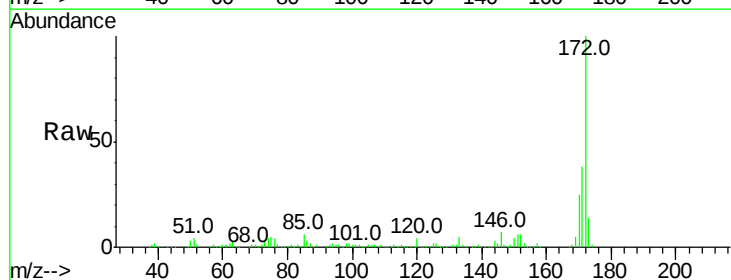


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

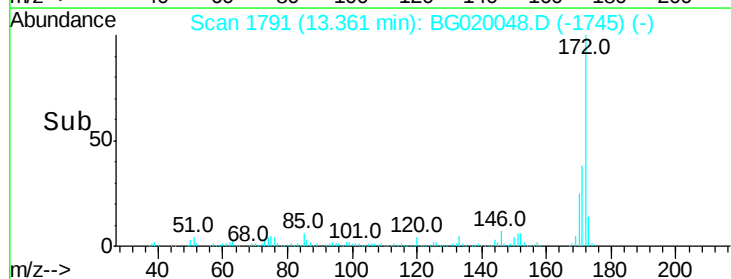
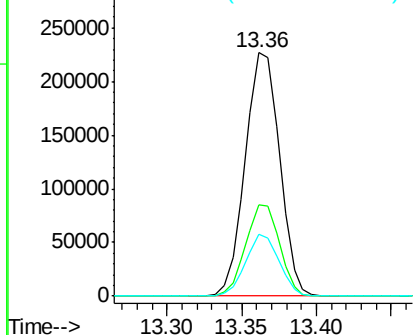


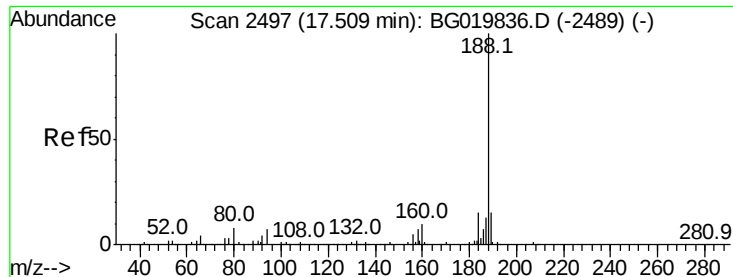
#44
 2-Fluorobiphenyl
 Concen: 86.89 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020048.D
 Acq: 9 Dec 2015 17:59

Tgt Ion:172 Resp: 361729
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 25.4 19.9 29.9



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

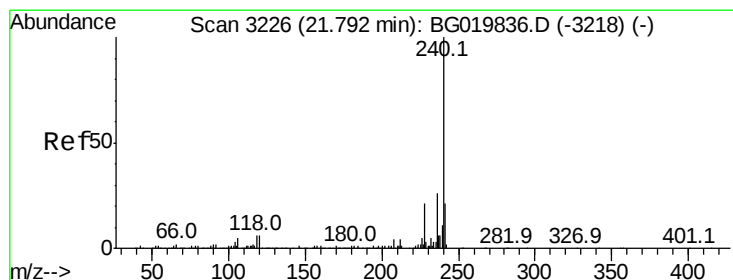
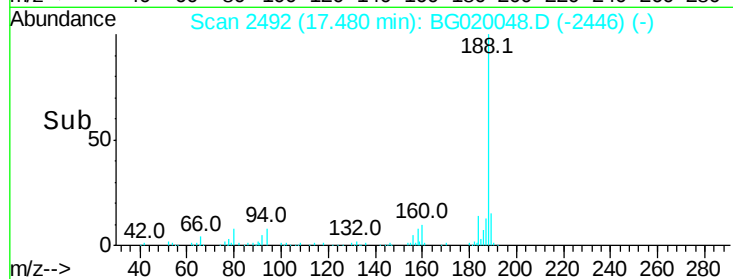
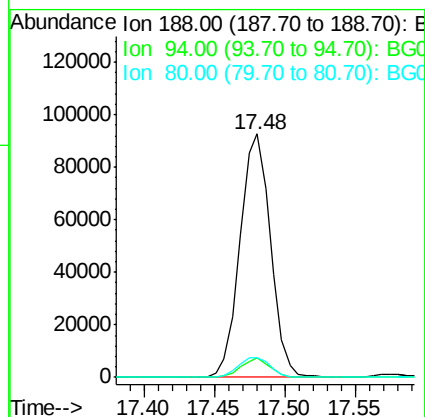
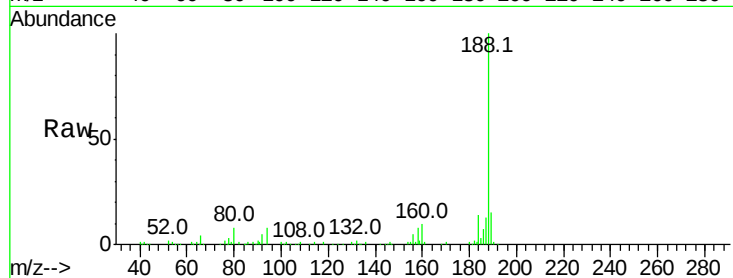




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020048.D
Acq: 9 Dec 2015 17:59

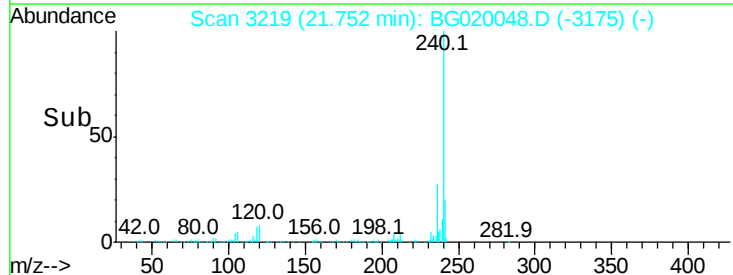
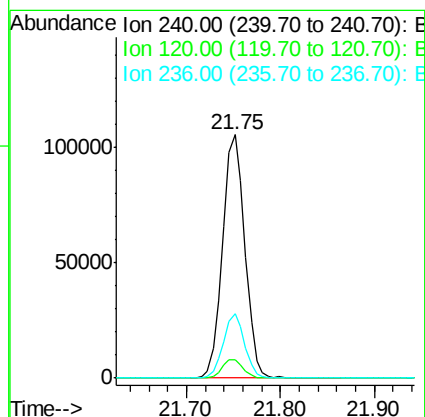
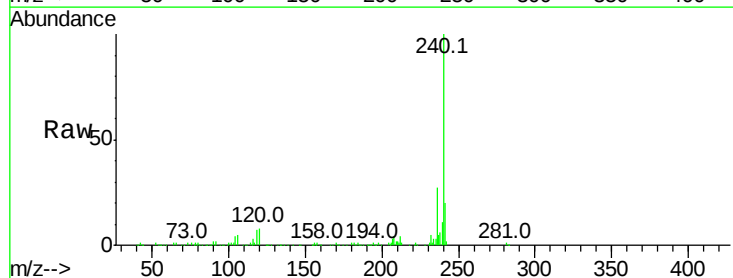
Instrument :
BNA_G
ClientSampleId :
ELP-5

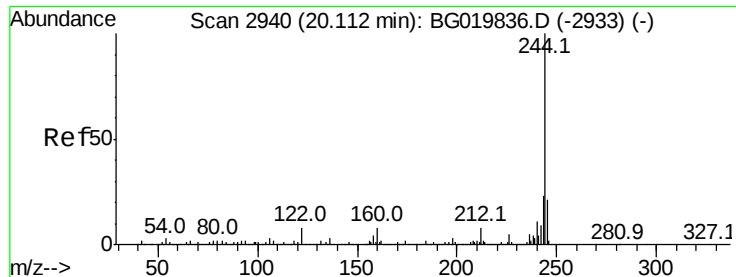
Tot Ion:188 Resp: 140191
Ion Ratio Lower Upper
188 100
94 7.9 7.7 11.5
80 8.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020048.D
Acq: 9 Dec 2015 17:59

Tgt Ion:240 Resp: 174345
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 70.96 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020048.D

Acq: 9 Dec 2015 17:59

Instrument :

BNA_G

ClientSampleId :

ELP-5

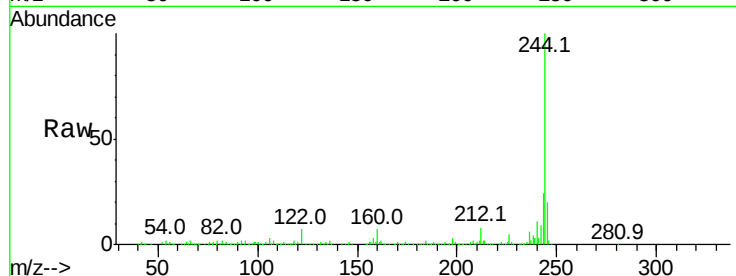
Tot Ion:244 Resp: 507236

Ion Ratio Lower Upper

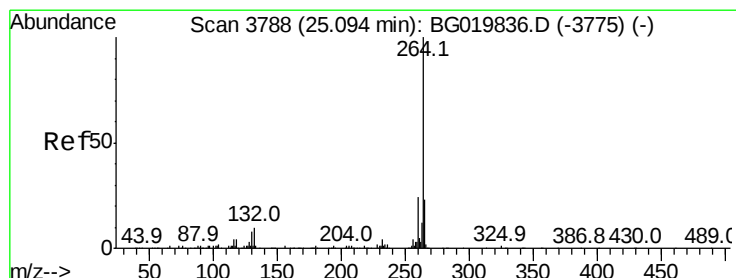
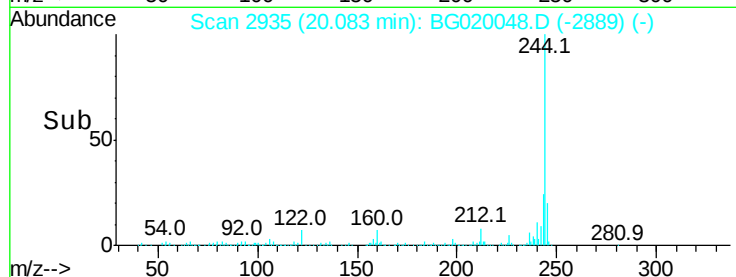
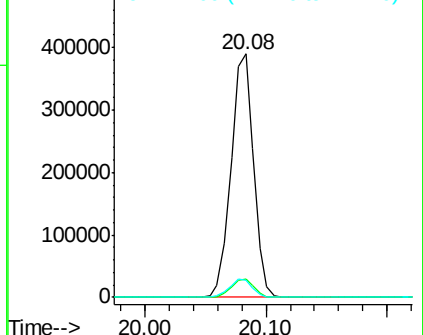
244 100

212 7.7 6.9 10.3

122 7.2 10.2 15.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.02 min Scan# 3776

Delta R.T. -0.07 min

Lab File: BG020048.D

Acq: 9 Dec 2015 17:59

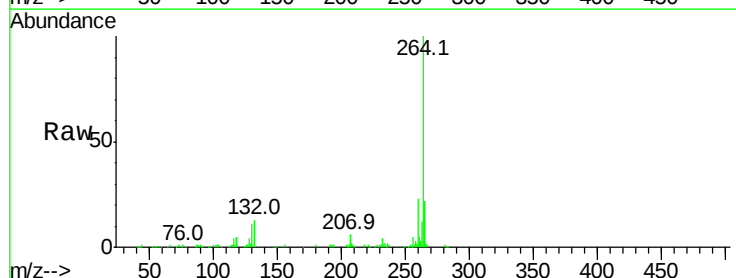
Tgt Ion:264 Resp: 160257

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

