

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
Data File : BG020049.D
Acq On : 9 Dec 2015 18:38
Operator : UM/SJ
Sample : G4556-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ELP-6

Quant Time: Dec 10 00:51:34 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	40638	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	172090	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	117790	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	279970	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	350247	20.00	ng	-0.04
86) Perylene-d12	25.03	264	329071	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	150187	66.80	ng	-0.01
7) Phenol-d6	7.26	99	203297	59.88	ng	-0.01
23) Nitrobenzene-d5	9.28	82	164551	48.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	114297	63.42	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	397174	46.04	ng	-0.02
78) Terphenyl-d14	20.08	244	469885	32.72	ng	-0.03

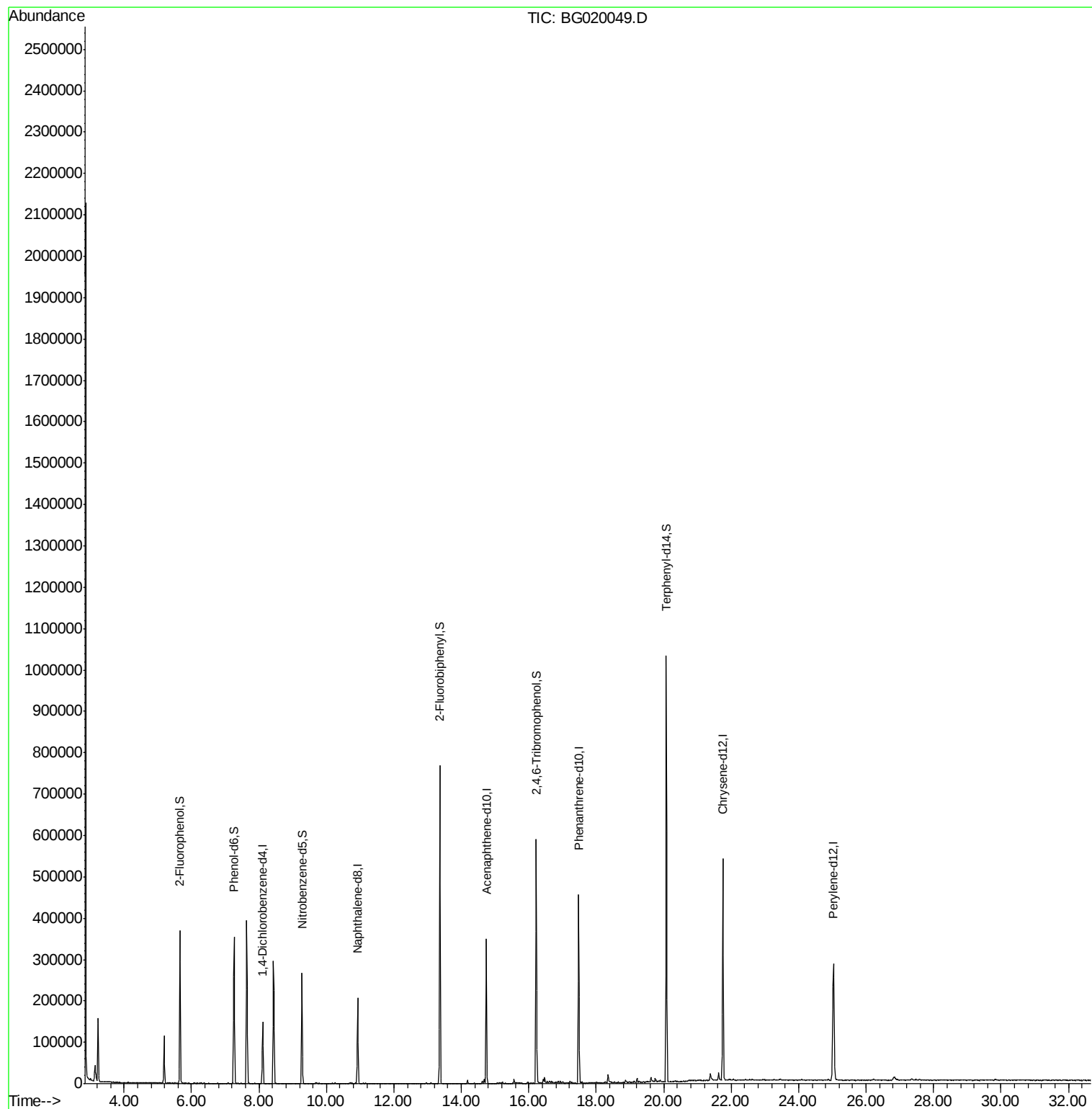
Target Compounds	Qvalue
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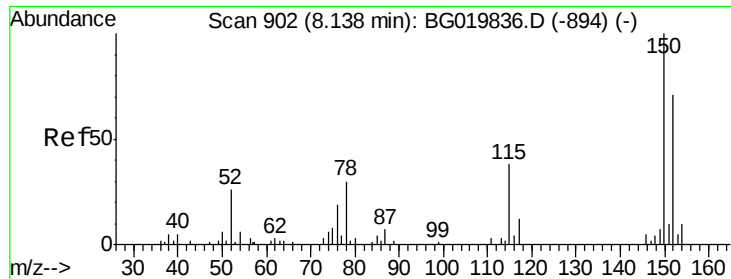
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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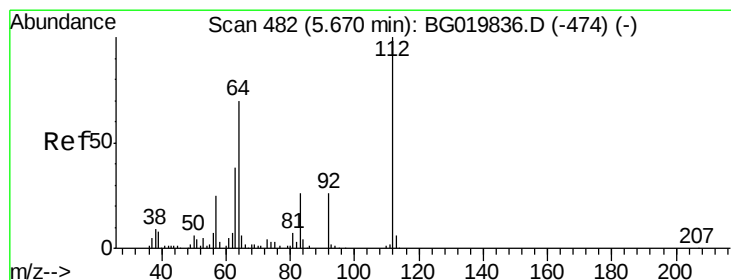
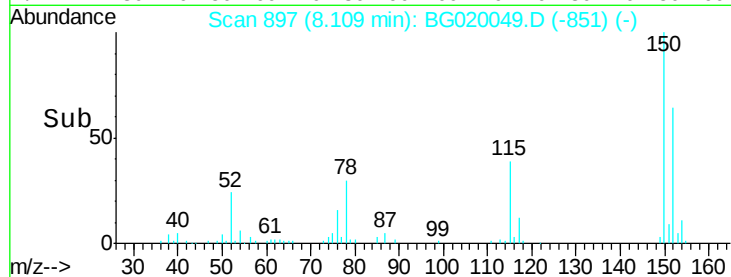
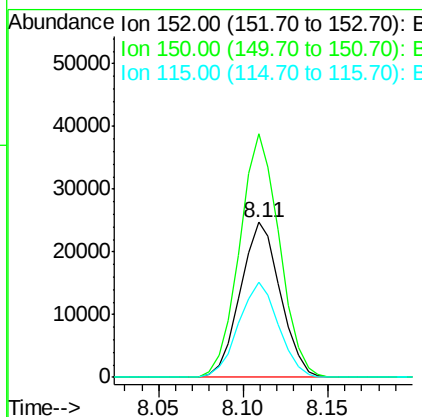
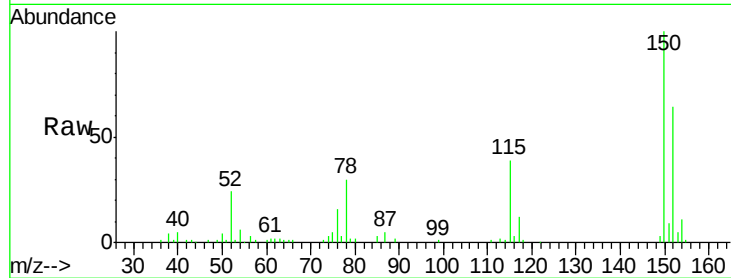




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020049.D
 Acq: 9 Dec 2015 18:38

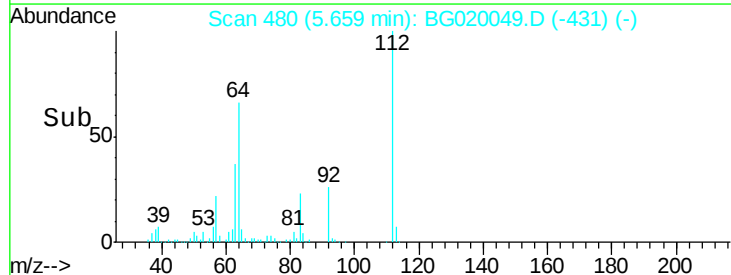
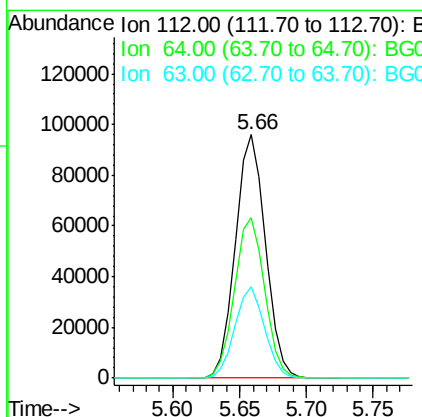
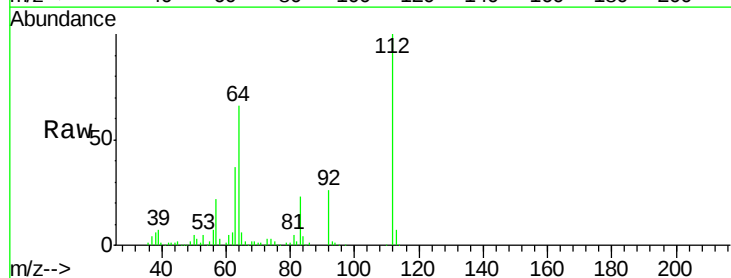
Instrument :
 BNA_G
 ClientSampled :
 ELP-6

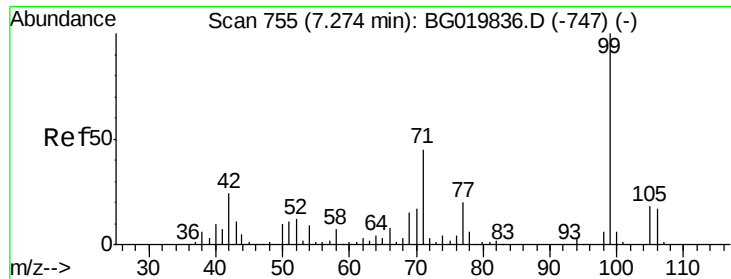
Tgt Ion:152 Resp: 40638
 Ion Ratio Lower Upper
 152 100
 150 157.1 115.0 172.4
 115 61.2 43.9 65.9



#5
 2-Fluorophenol
 Concen: 66.80 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020049.D
 Acq: 9 Dec 2015 18:38

Tgt Ion:112 Resp: 150187
 Ion Ratio Lower Upper
 112 100
 64 65.7 43.7 65.5#
 63 37.3 24.0 36.0#





#7

Phenol-d6

Concen: 59.88 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020049.D

Acq: 9 Dec 2015 18:38

Instrument :

BNA_G

ClientSampleId :

ELP-6

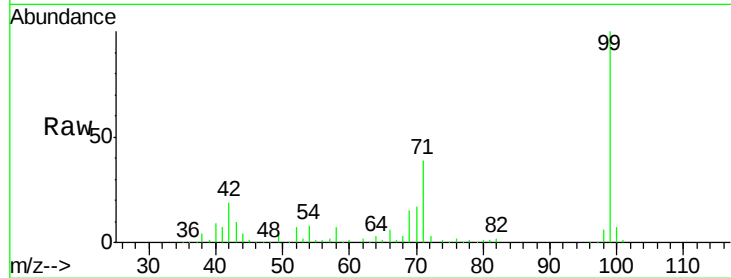
Tgt Ion: 99 Resp: 203297

Ion Ratio Lower Upper

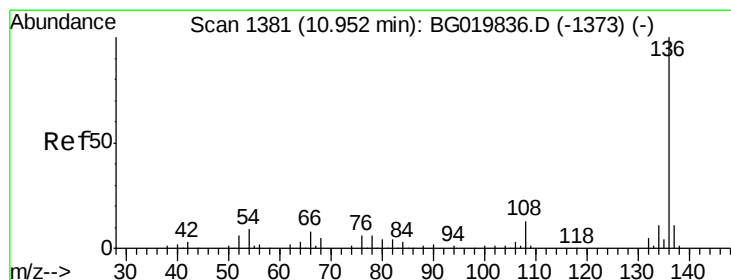
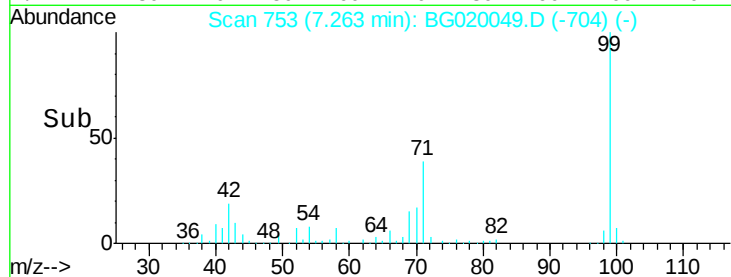
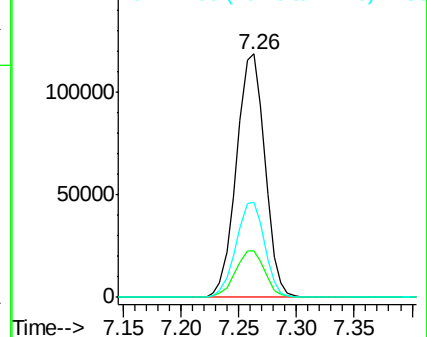
99 100

42 18.9 11.5 17.3#

71 38.9 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020049.D

Acq: 9 Dec 2015 18:38

Tgt Ion: 136 Resp: 172090

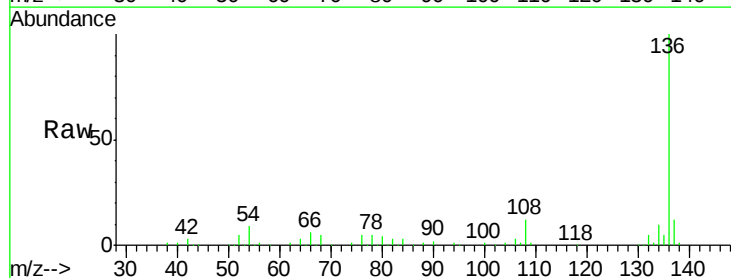
Ion Ratio Lower Upper

136 100

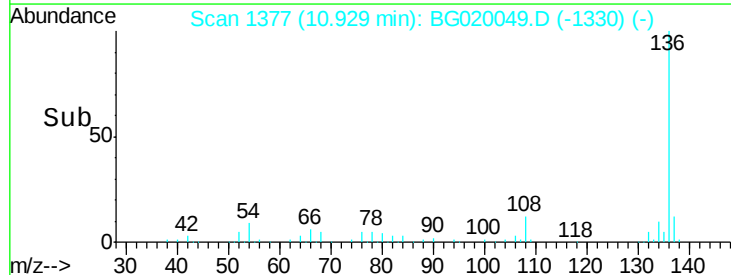
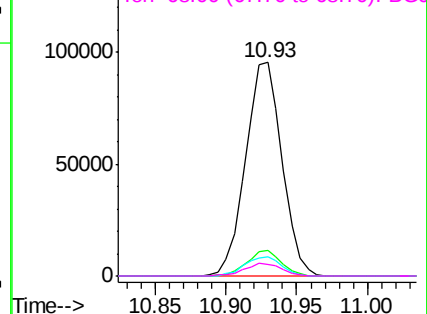
137 11.8 8.6 12.8

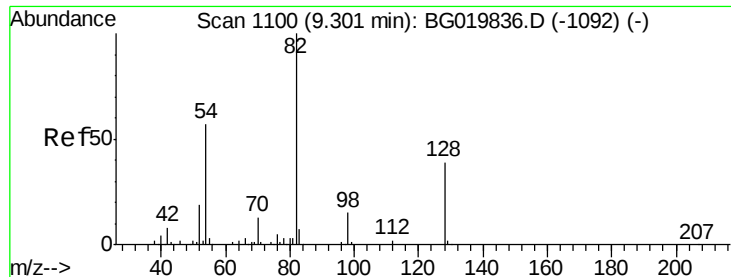
54 8.8 5.4 8.2#

68 5.4 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

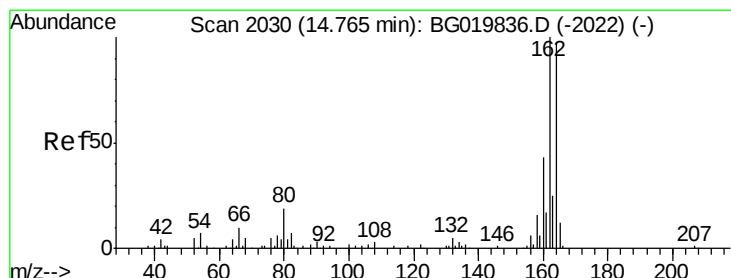
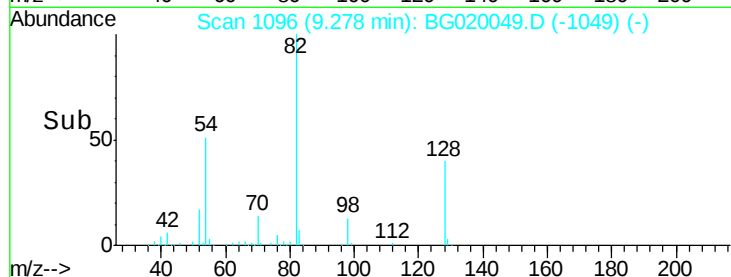
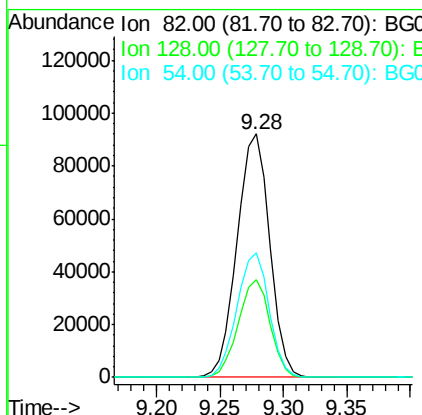
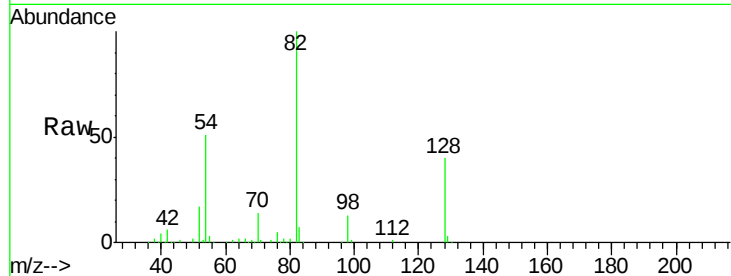




#23
 Nitrobenzene-d5
 Concen: 48.80 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020049.D
 Acq: 9 Dec 2015 18:38

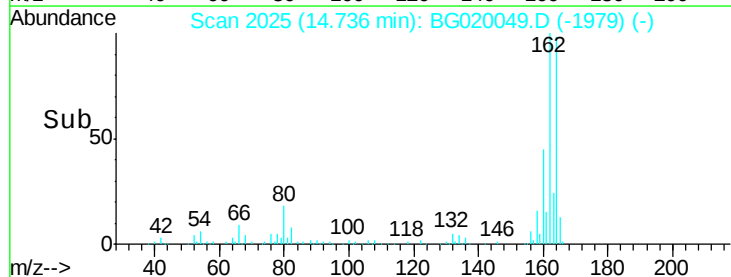
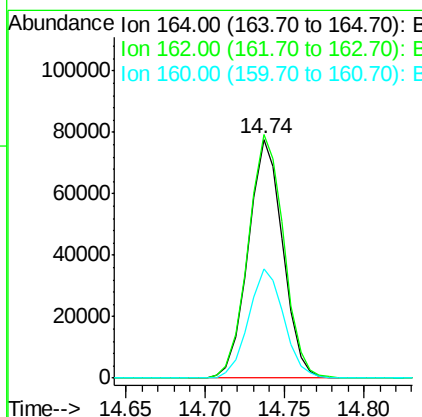
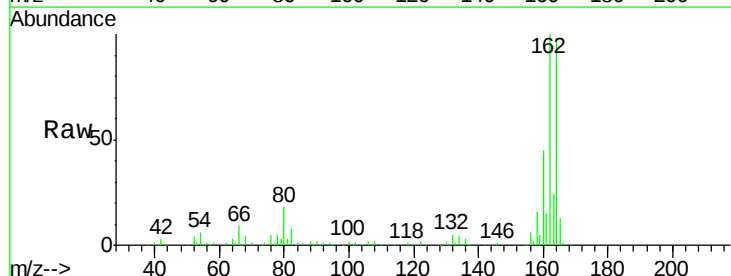
Instrument :
 BNA_G
 ClientSampleId :
 ELP-6

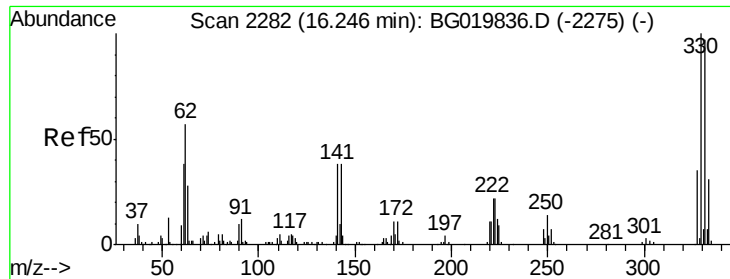
Tgt Ion: 82 Resp: 164551
 Ion Ratio Lower Upper
 82 100
 128 40.0 36.7 55.1
 54 51.2 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020049.D
 Acq: 9 Dec 2015 18:38

Tgt Ion: 164 Resp: 117790
 Ion Ratio Lower Upper
 164 100
 162 102.0 78.8 118.2
 160 45.7 36.4 54.6

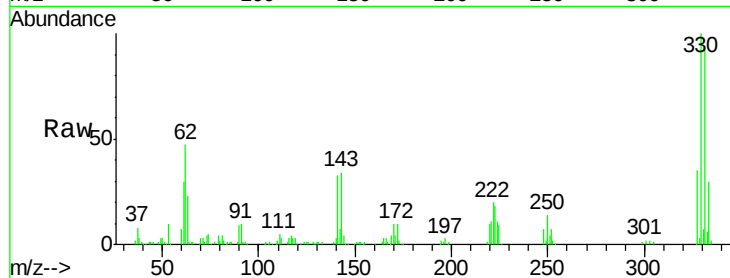




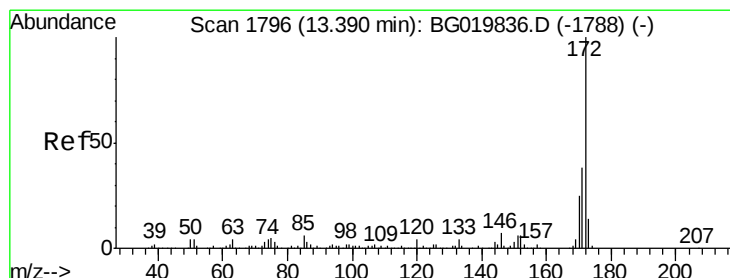
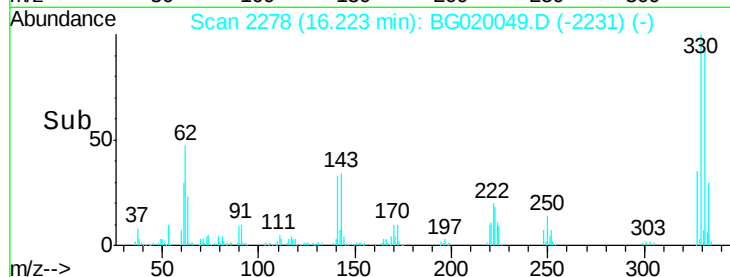
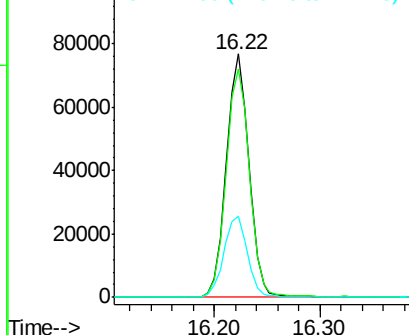
#41
 2,4,6-Tribromophenol
 Concen: 63.42 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020049.D
 Acq: 9 Dec 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 ELP-6

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	34.7	28.2	42.2

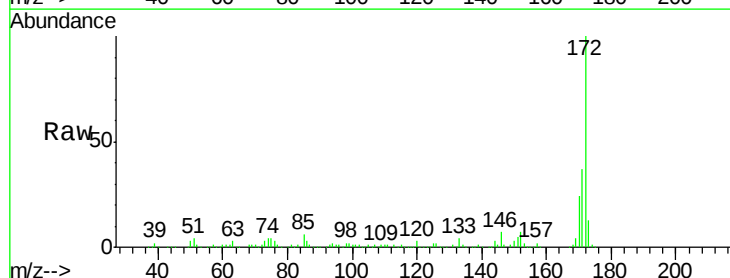


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

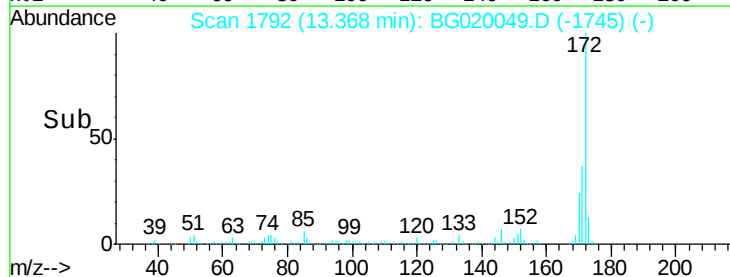
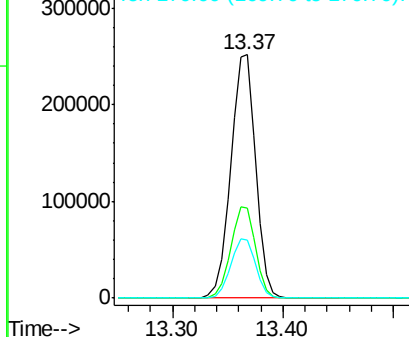


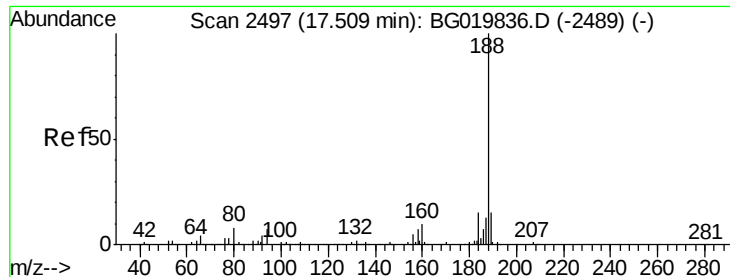
#44
 2-Fluorobiphenyl
 Concen: 46.04 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020049.D
 Acq: 9 Dec 2015 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.1	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

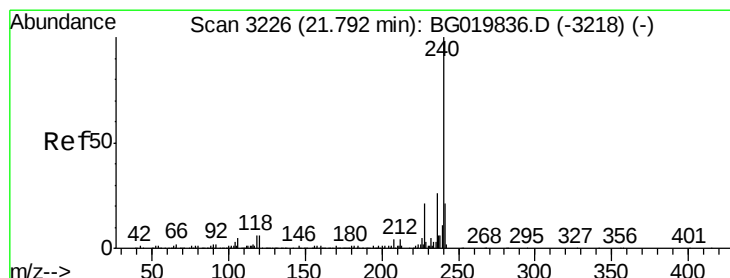
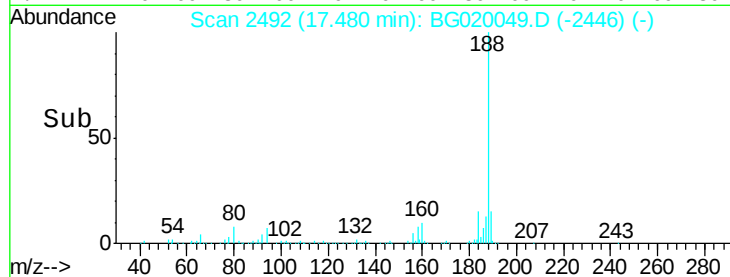
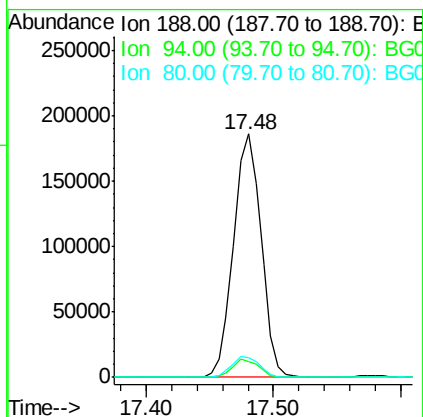
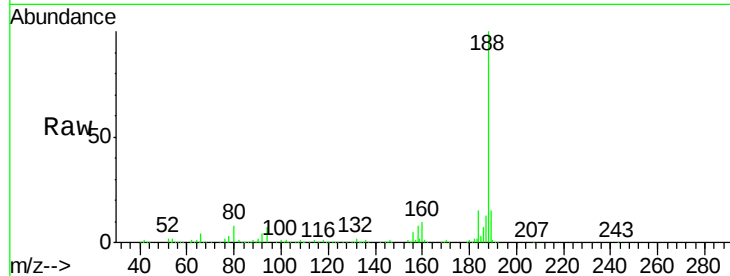




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020049.D
Acq: 9 Dec 2015 18:38

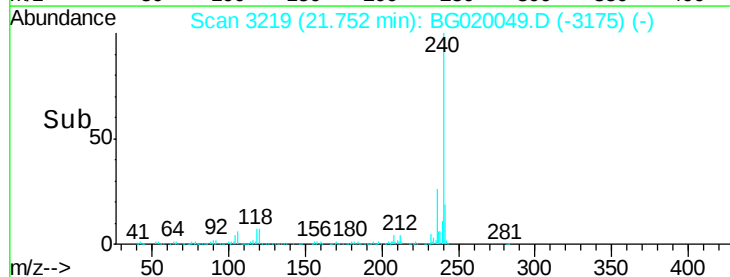
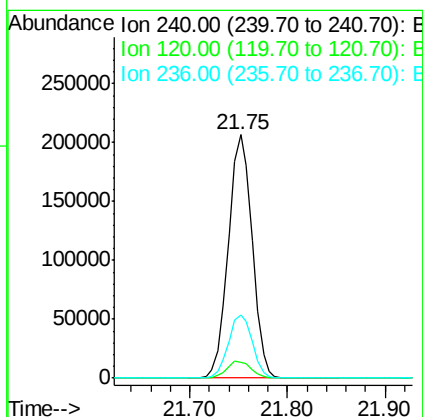
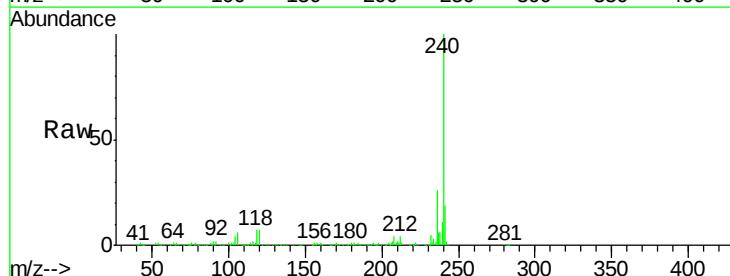
Instrument :
BNA_G
ClientSampleId :
ELP-6

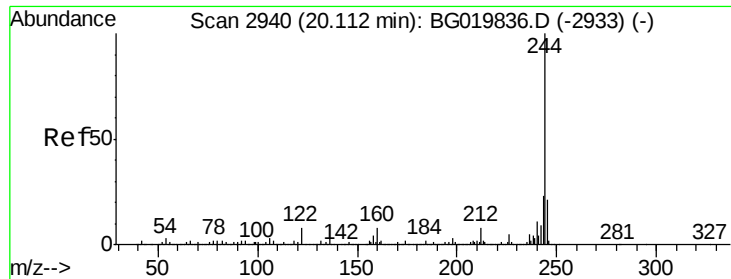
Tgt Ion:188 Resp: 279970
Ion Ratio Lower Upper
188 100
94 6.6 7.7 11.5#
80 8.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020049.D
Acq: 9 Dec 2015 18:38

Tgt Ion:240 Resp: 350247
Ion Ratio Lower Upper
240 100
120 6.7 7.4 11.0#
236 26.2 20.7 31.1

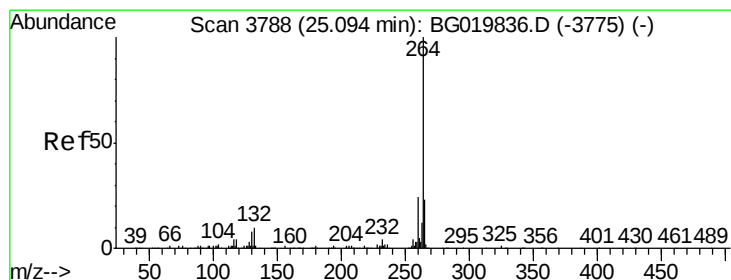
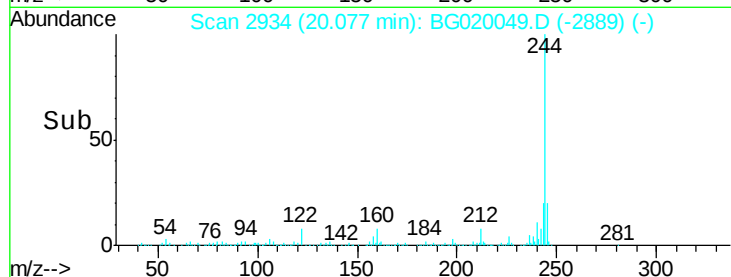
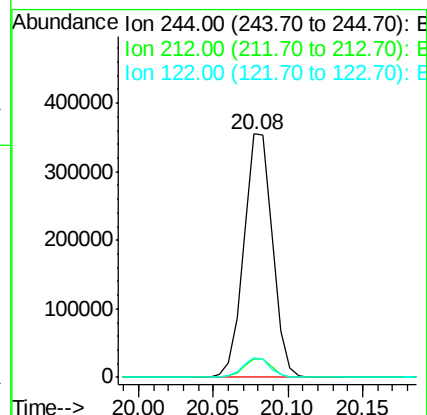
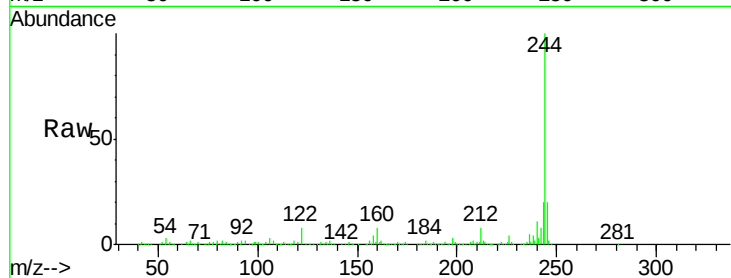




#78
 Terphenyl-d14
 Concen: 32.72 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.03 min
 Lab File: BG020049.D
 Acq: 9 Dec 2015 18:38

Instrument :
 BNA_G
 ClientSampleId :
 ELP-6

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.9	10.3
122	8.0	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG020049.D
 Acq: 9 Dec 2015 18:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.4	17.2	25.8

