

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016756.D
 Acq On : 28 Apr 2015 6:54
 Operator : TP/IZ
 Sample : G2020-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-030

Quant Time: Apr 28 07:48:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 06:33:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	59834	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	250503	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	142603	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	268810	20.00	ng	0.00
75) Chrysene-d12	21.16	240	239555	20.00	ng	0.00
86) Perylene-d12	23.35	264	232582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	431698	117.08	ng	0.00
7) Phenol-d6	6.77	99	581343	112.38	ng	0.00
23) Nitrobenzene-d5	8.73	82	296255	74.73	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	131288	124.10	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	660298	74.39	ng	0.00
78) Terphenyl-d14	19.61	244	690699	66.42	ng	0.00

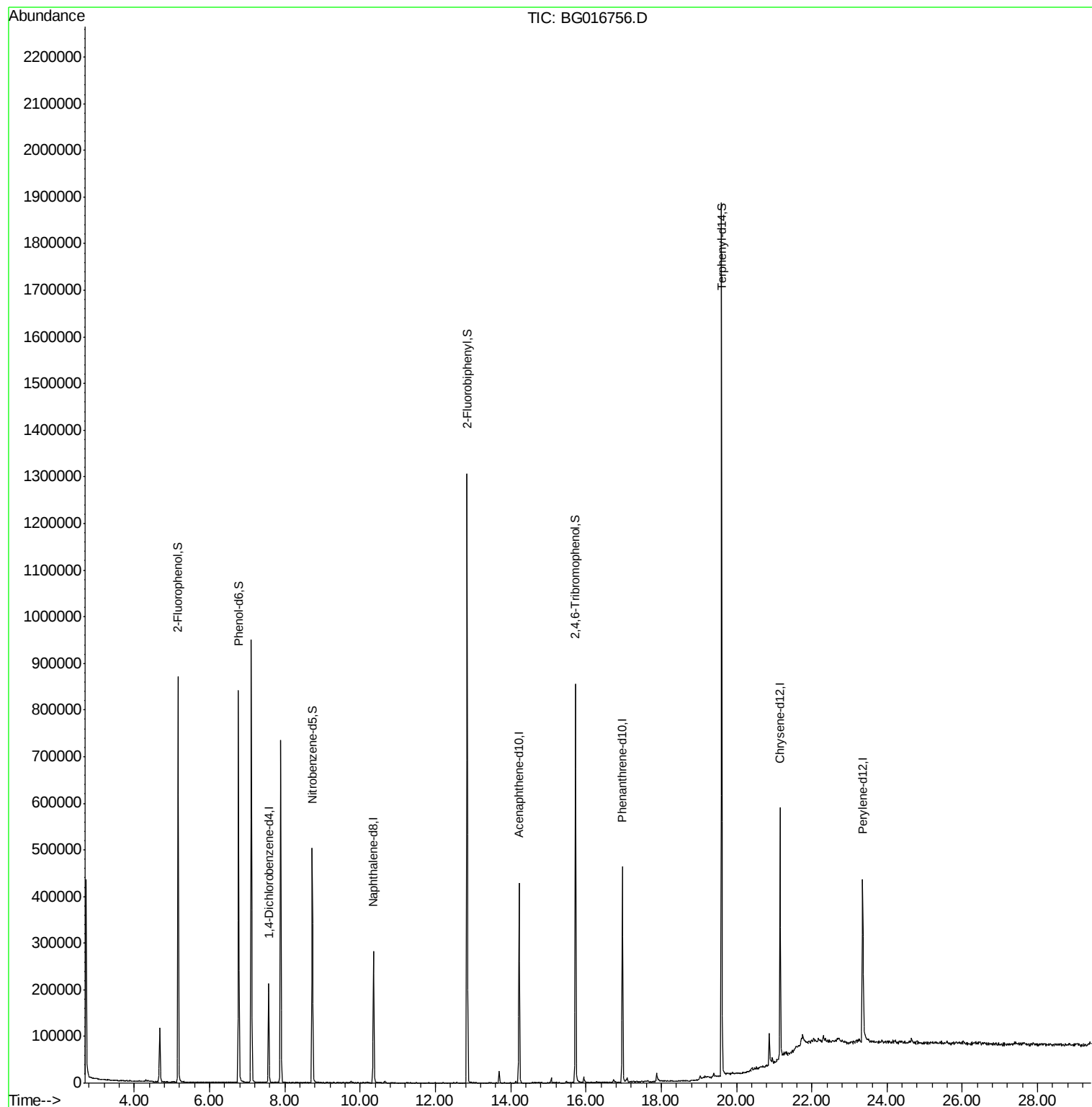
Target Compounds Qvalue

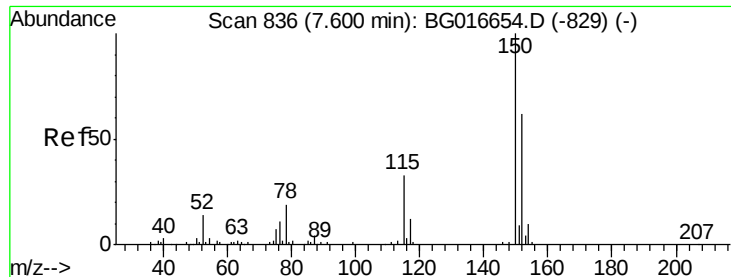
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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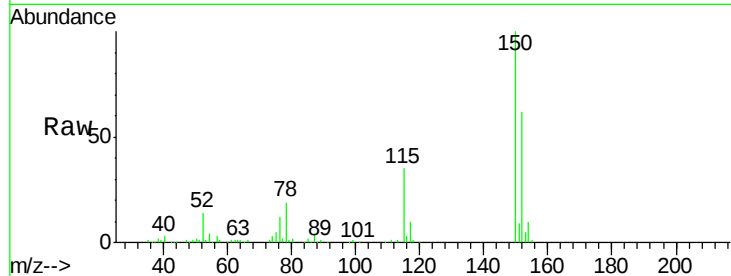


#1

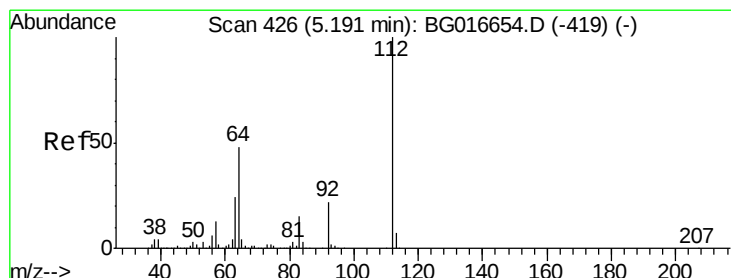
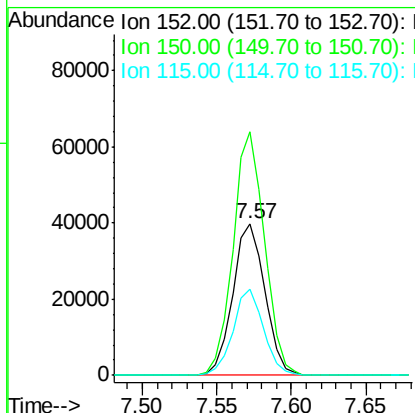
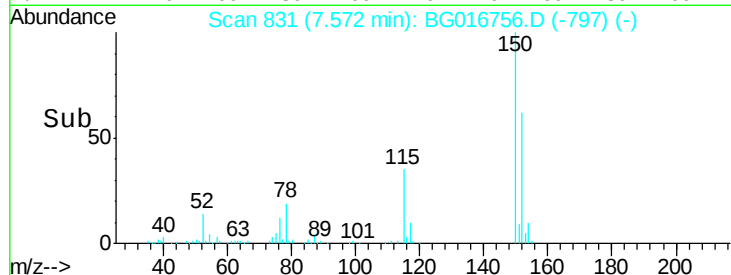
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG016756.D
Acq: 28 Apr 2015 6:54

Instrument :
BNA_G
ClientSampleId :
FS-030

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	129.6	194.4
115	56.4	43.0	64.6



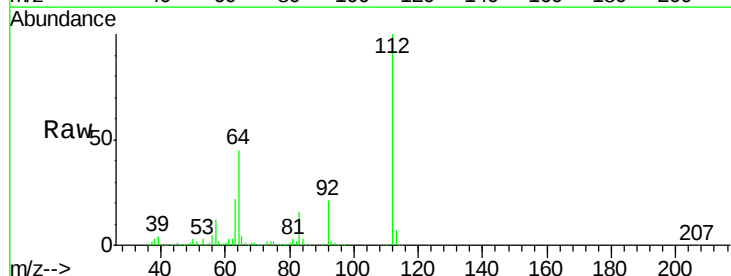
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



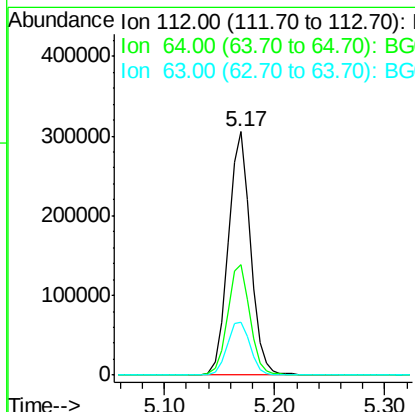
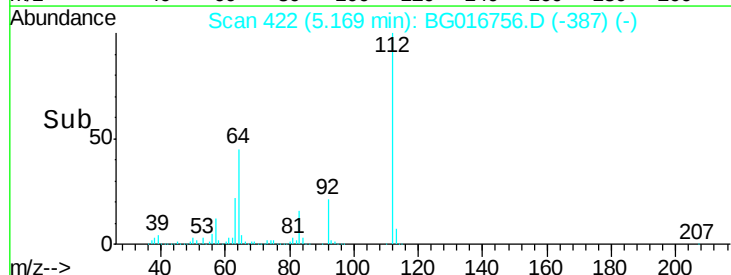
#5

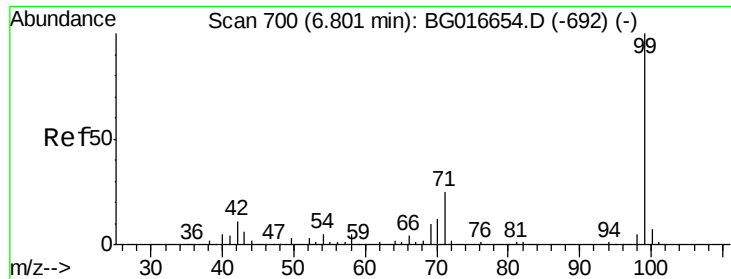
2-Fluorophenol
Concen: 117.08 ng
RT: 5.17 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG016756.D
Acq: 28 Apr 2015 6:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.2	38.3	57.5
63	21.8	18.9	28.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.38 ng

RT: 6.77 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG016756.D

Acq: 28 Apr 2015 6:54

Instrument :

BNA_G

ClientSampleId :

FS-030

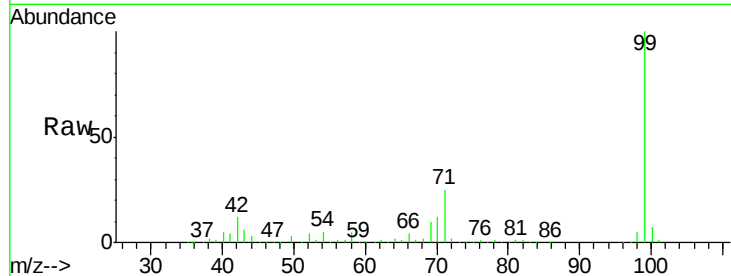
Tot Ion: 99 Resp: 581343

Ion Ratio Lower Upper

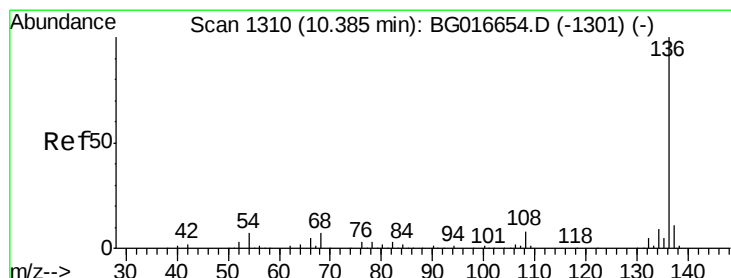
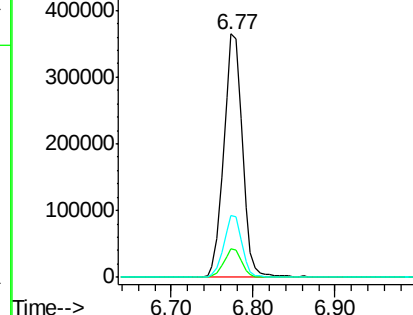
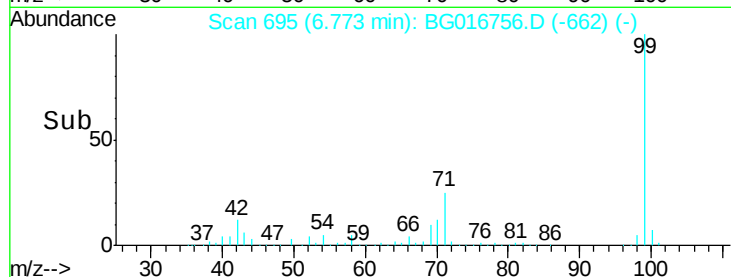
99 100

42 11.7 8.8 13.2

71 25.5 19.9 29.9



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: 10.36 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG016756.D

Acq: 28 Apr 2015 6:54

Tgt Ion: 136 Resp: 250503

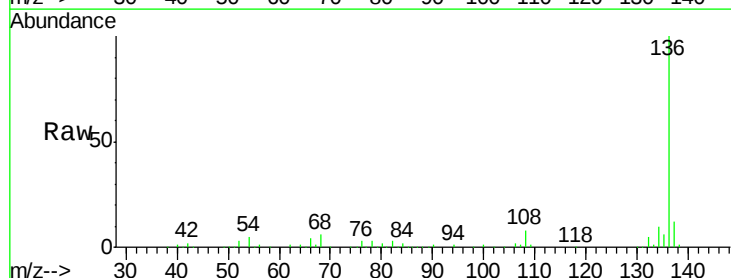
Ion Ratio Lower Upper

136 100

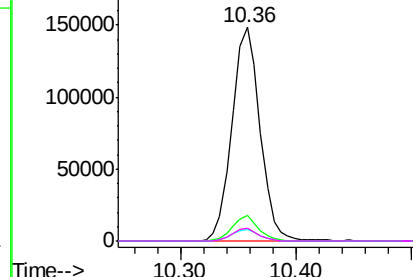
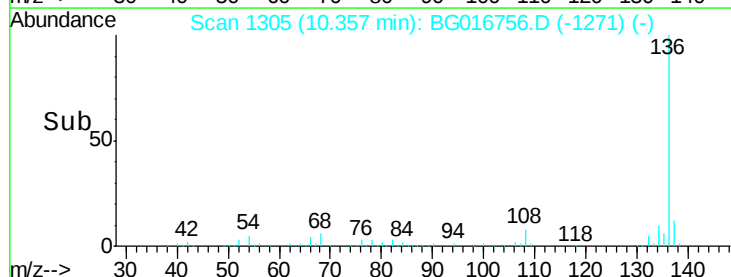
137 11.7 8.5 12.7

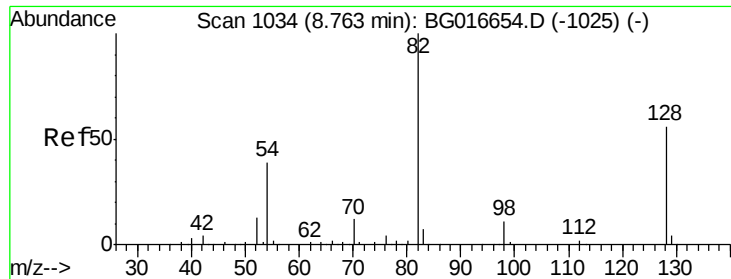
54 5.3 5.4 8.2#

68 6.2 5.2 7.8



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

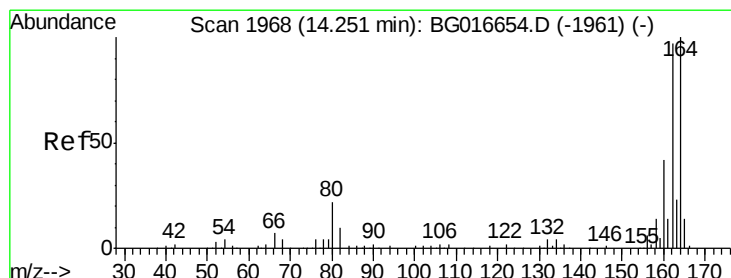
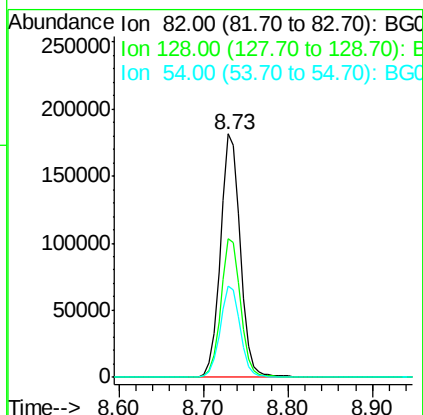
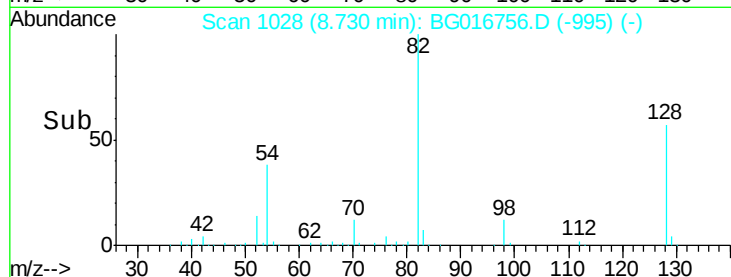
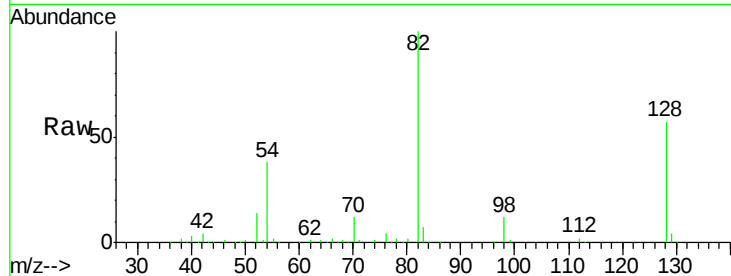




#23
Nitrobenzene-d5
Concen: 74.73 ng
RT: 8.73 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG016756.D
Acq: 28 Apr 2015 6:54

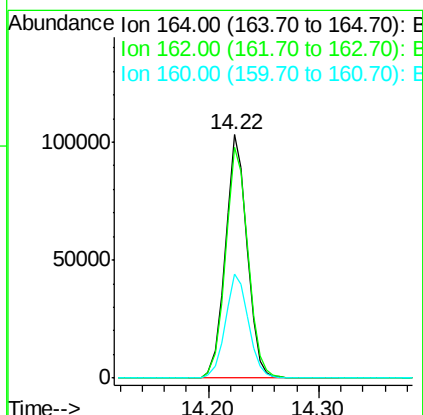
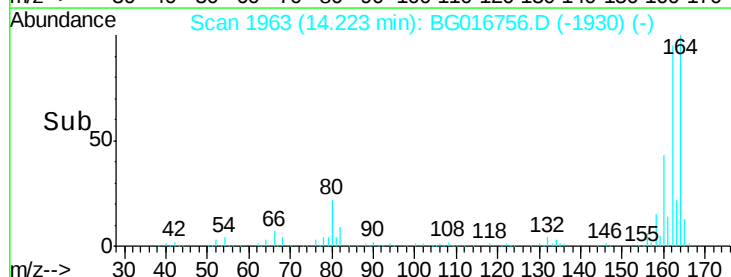
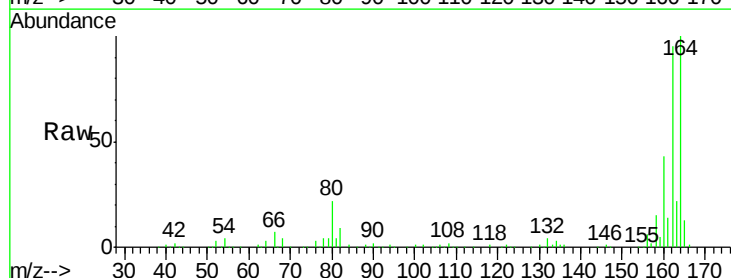
Instrument :
BNA_G
ClientSampled :
FS-030

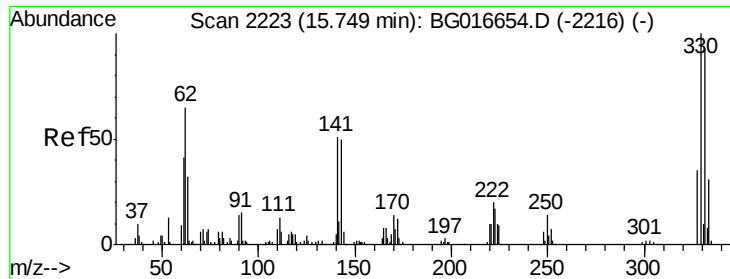
Tot Ion	Ratio	Lower	Upper
82	100		
128	56.8	44.7	67.1
54	37.6	30.9	46.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG016756.D
Acq: 28 Apr 2015 6:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.8	77.3	115.9
160	42.6	33.7	50.5

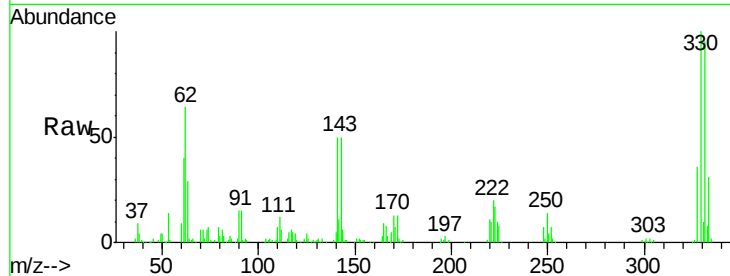




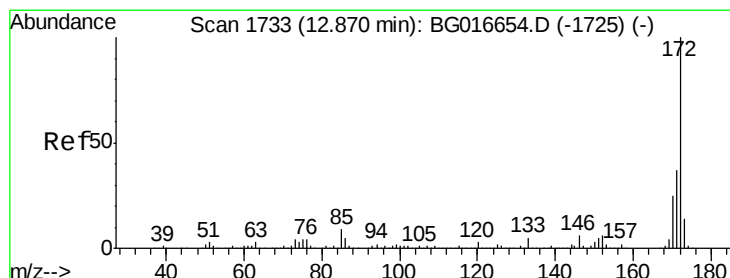
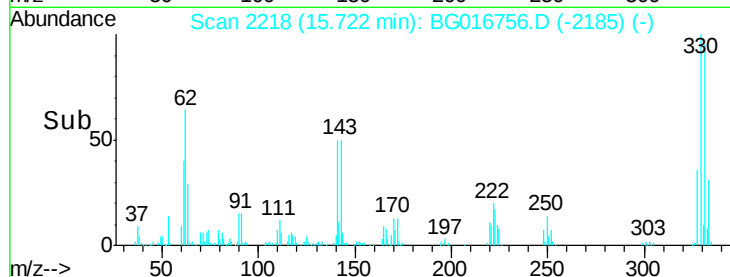
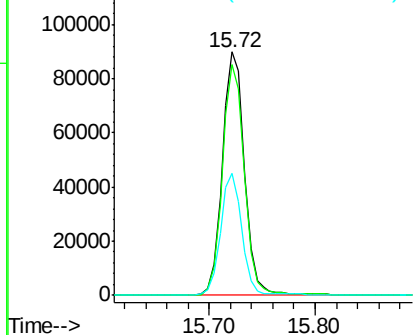
#41
 2,4,6-Tribromophenol
 Concen: 124.10 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: BG016756.D
 Acq: 28 Apr 2015 6:54

Instrument :
 BNA_G
 ClientSampleId :
 FS-030

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.2	114.4
141	48.7	43.0	64.6

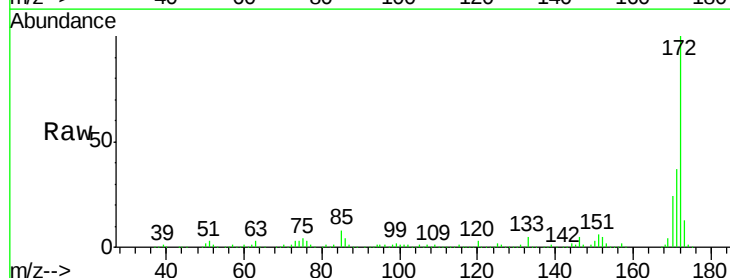


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

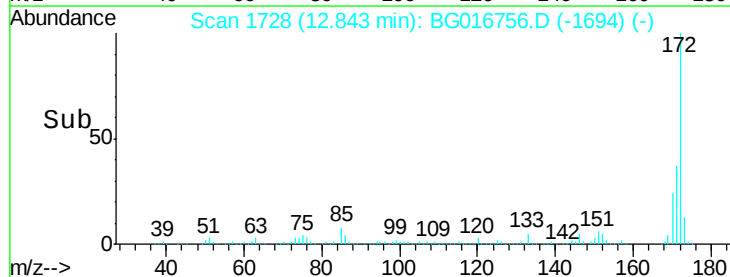
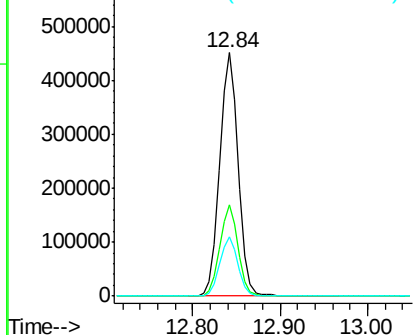


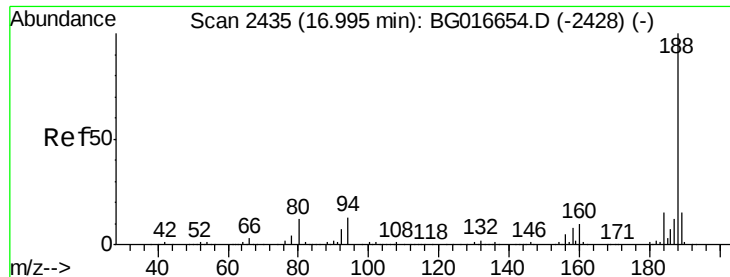
#44
 2-Fluorobiphenyl
 Concen: 74.39 ng
 RT: 12.84 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG016756.D
 Acq: 28 Apr 2015 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	24.1	19.8	29.8



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

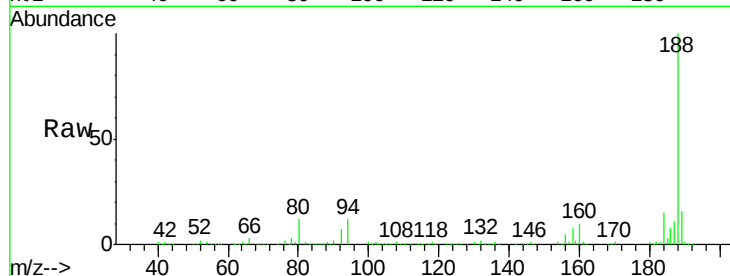




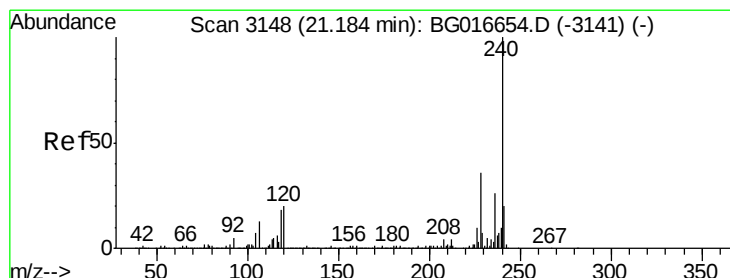
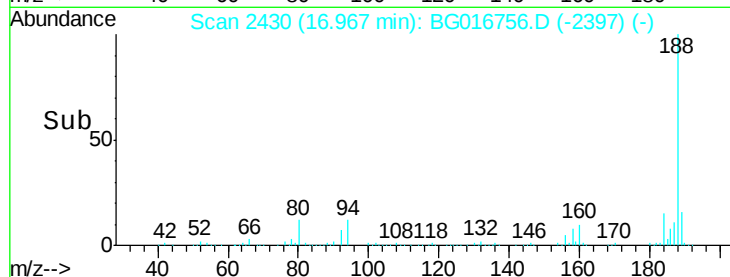
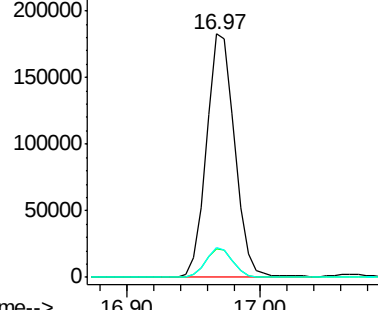
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016756.D
Acq: 28 Apr 2015 6:54

Instrument :
BNA_G
ClientSampleId :
FS-030

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.7	16.1
80	12.1	9.9	14.9

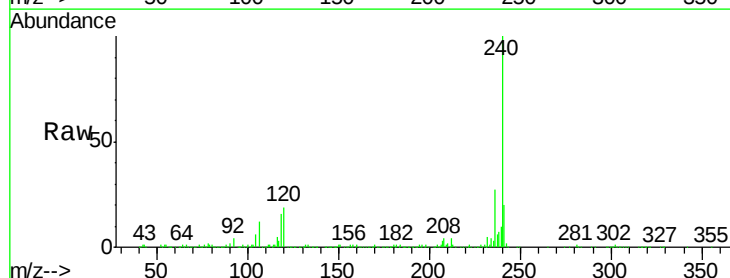


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

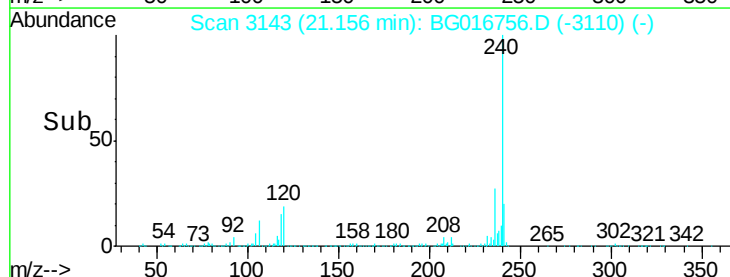
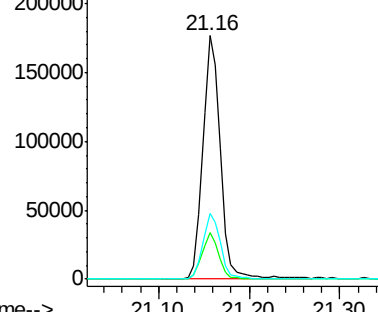


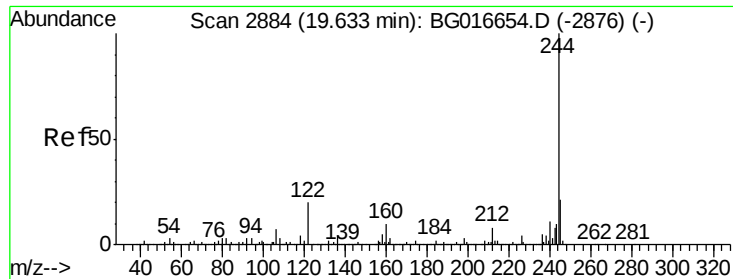
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG016756.D
Acq: 28 Apr 2015 6:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.9	16.3	24.5
236	27.1	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.42 ng

RT: 19.61 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016756.D

Acq: 28 Apr 2015 6:54

Instrument :

BNA_G

ClientSampleId :

FS-030

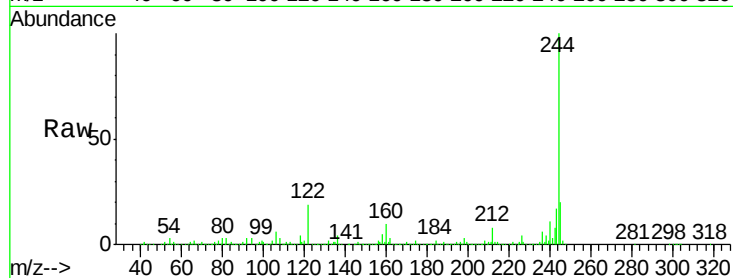
Tot Ion:244 Resp: 690699

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

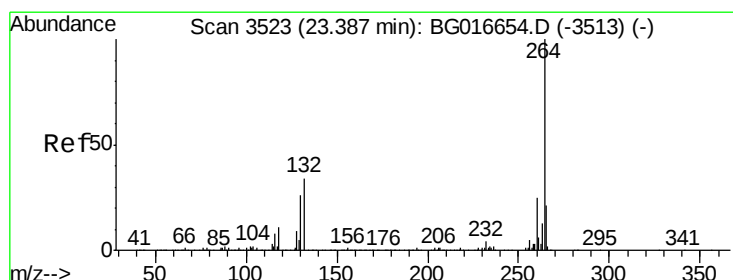
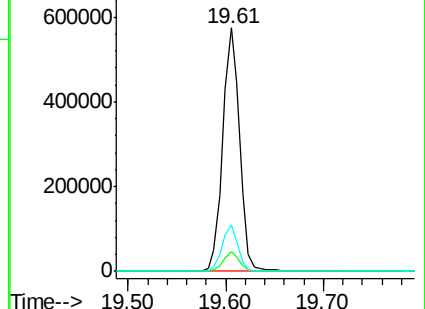
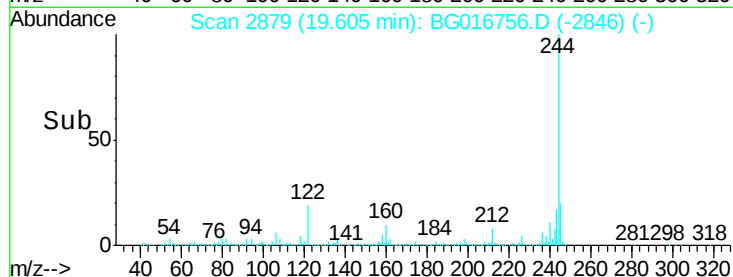
122 19.3 15.9 23.9



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: 23.35 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016756.D

Acq: 28 Apr 2015 6:54

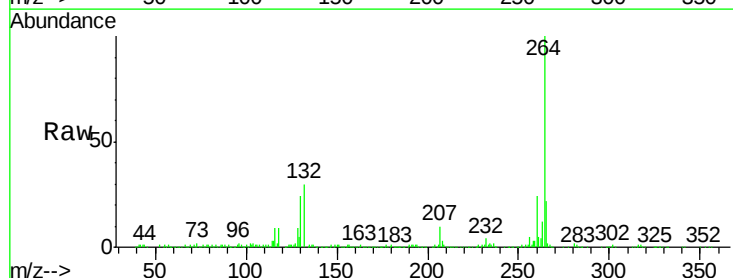
Tgt Ion:264 Resp: 232582

Ion Ratio Lower Upper

264 100

260 24.2 20.0 30.0

265 21.7 16.8 25.2



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

