

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
 Data File : BG016909.D
 Acq On : 6 May 2015 20:47
 Operator : TP/IZ
 Sample : PB83110BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83110BL

Quant Time: May 07 05:11:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 03:57:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	80033	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	335695	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	223021	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	536832	20.00	ng	0.00
75) Chrysene-d12	21.36	240	526174	20.00	ng	0.00
86) Perylene-d12	23.66	264	514717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	467647	101.74	ng	0.00
7) Phenol-d6	6.97	99	618294	94.16	ng	0.00
23) Nitrobenzene-d5	8.96	82	391189	56.93	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	219063	97.84	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	806006	54.54	ng	0.00
78) Terphenyl-d14	19.81	244	1335649	59.51	ng	0.00

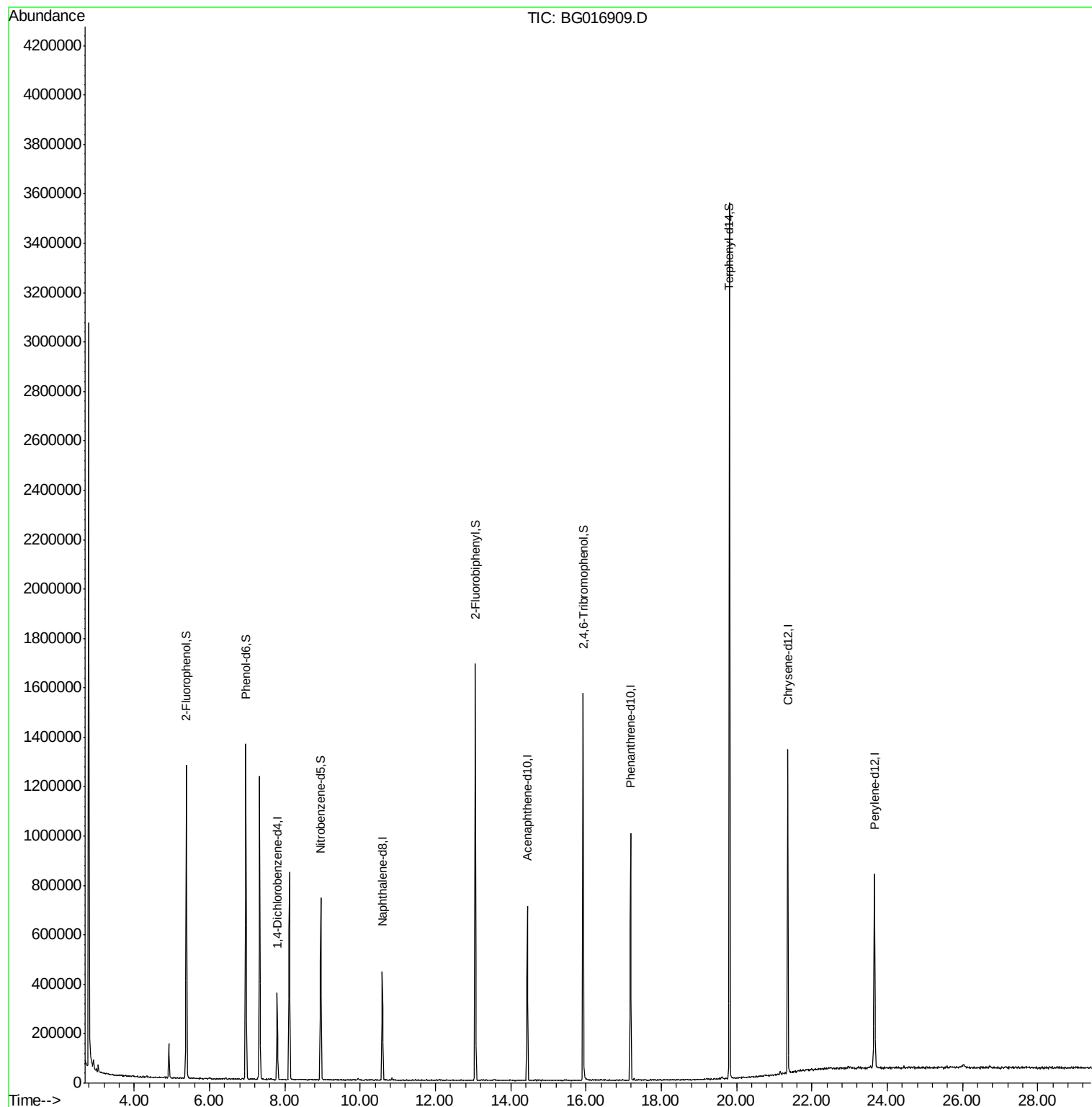
Target Compounds Qvalue

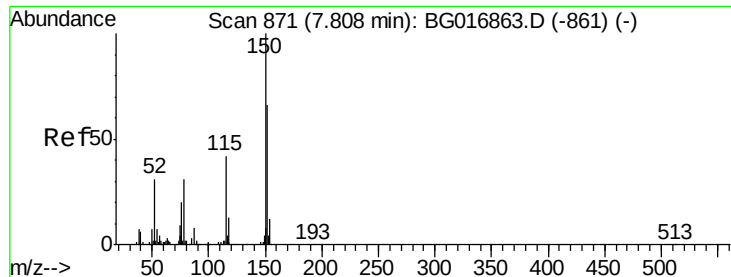
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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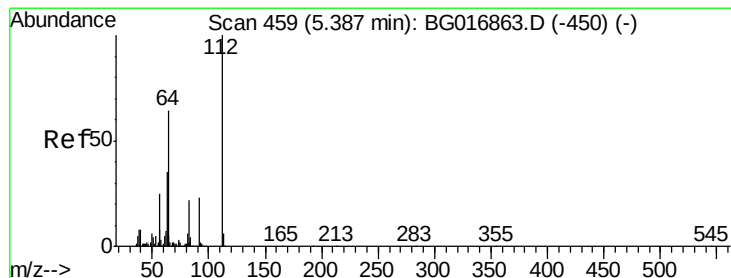
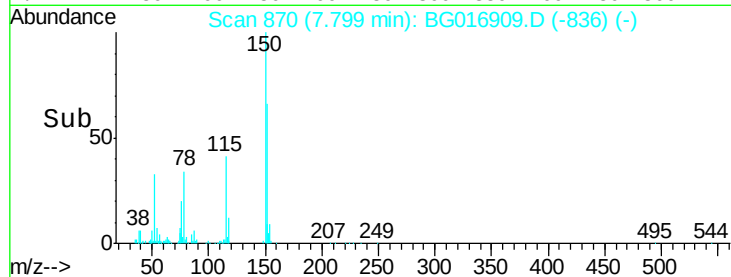
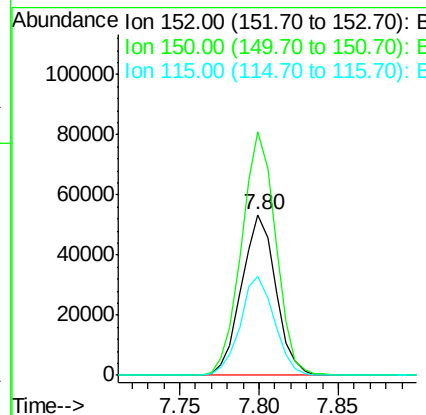
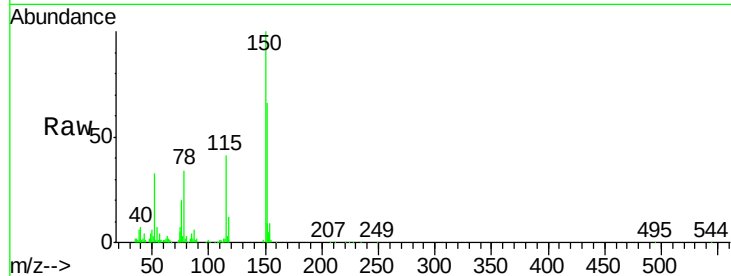


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG016909.D
Acq: 6 May 2015 20:47

Instrument :
BNA_G
ClientSampleId :
PB83110BL

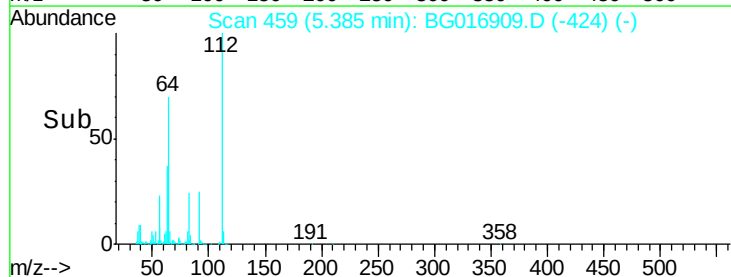
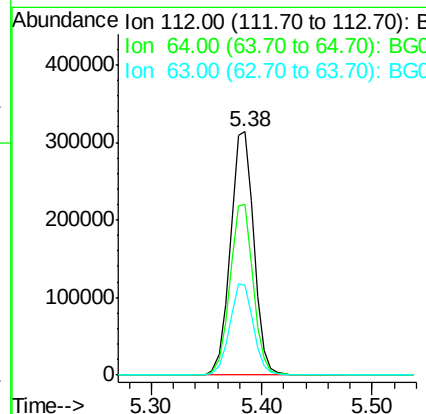
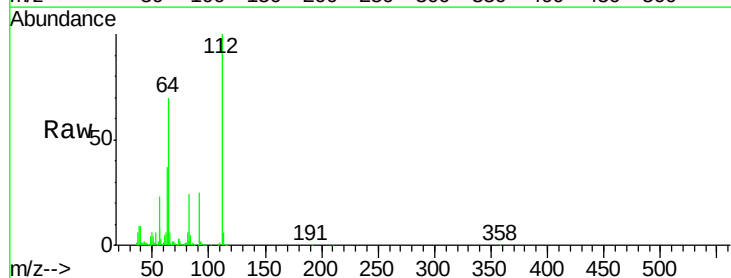
Tot Ion	152	Resp	80033
Ion Ratio	Lower	Upper	
152	100		
150	151.6	121.0	181.4
115	61.5	50.5	75.7

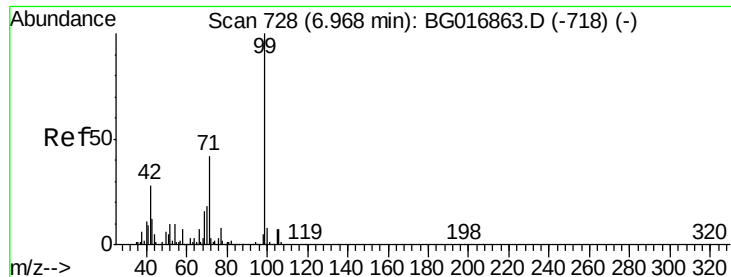


#5

2-Fluorophenol
Concen: 101.74 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG016909.D
Acq: 6 May 2015 20:47

Tgt Ion	112	Resp	467647
Ion Ratio	Lower	Upper	
112	100		
64	70.1	51.4	77.2
63	37.2	28.1	42.1





#7

Phenol-d6

Concen: 94.16 ng

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG016909.D

Acq: 6 May 2015 20:47

Instrument :

BNA_G

ClientSampleId :

PB83110BL

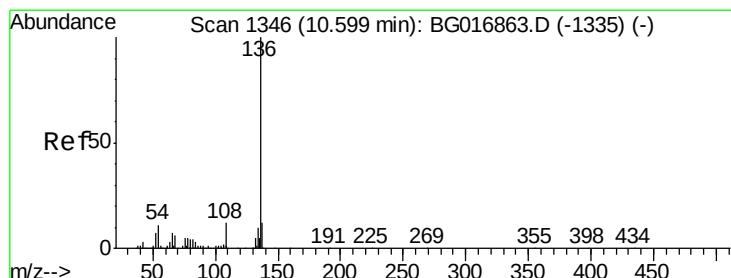
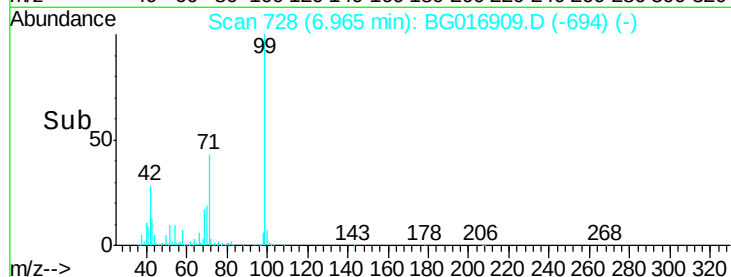
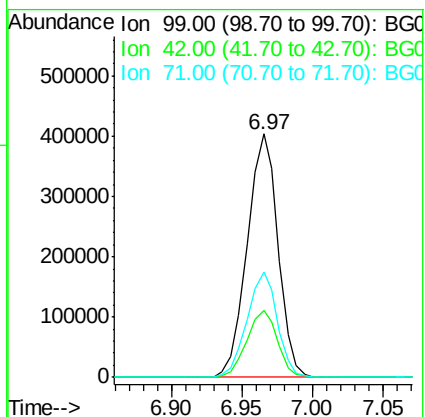
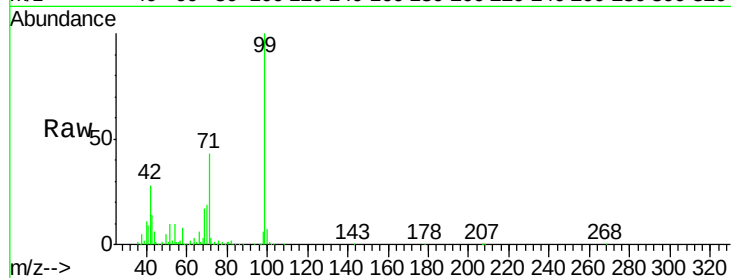
Tot Ion: 99 Resp: 618294

Ion Ratio Lower Upper

99 100

42 27.6 22.1 33.1

71 43.4 33.4 50.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.59 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG016909.D

Acq: 6 May 2015 20:47

Tgt Ion: 136 Resp: 335695

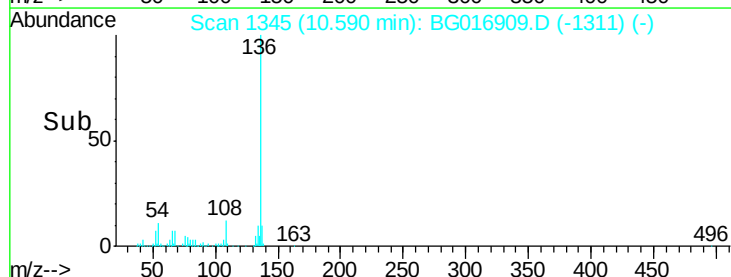
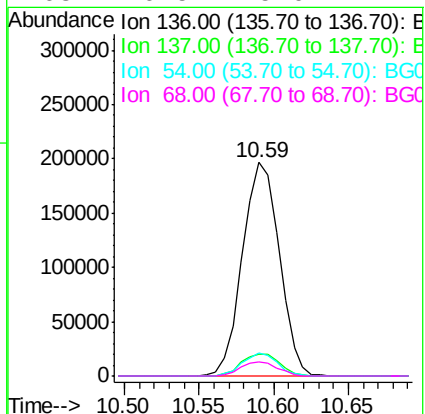
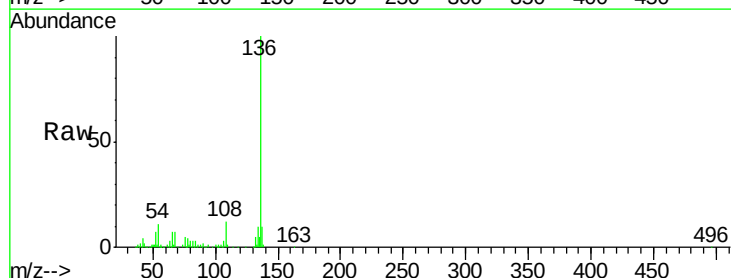
Ion Ratio Lower Upper

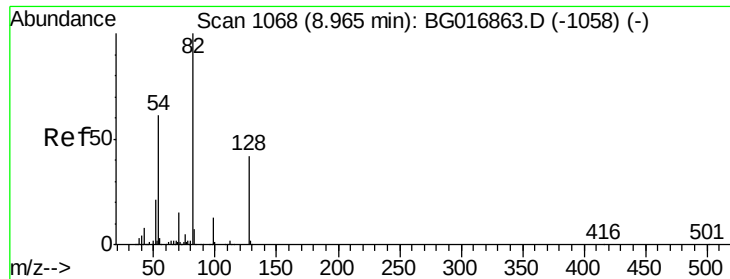
136 100

137 10.1 9.8 14.8

54 10.8 8.7 13.1

68 6.5 5.0 7.4

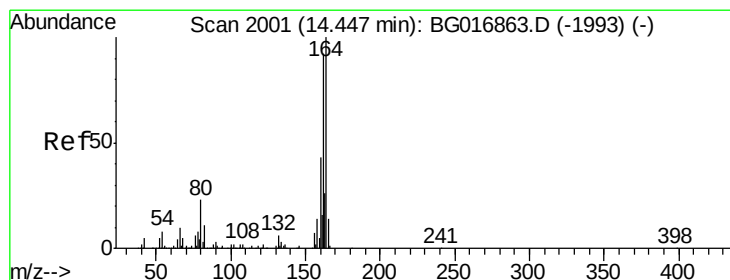
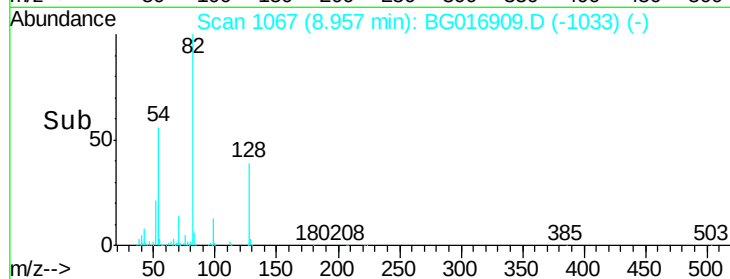
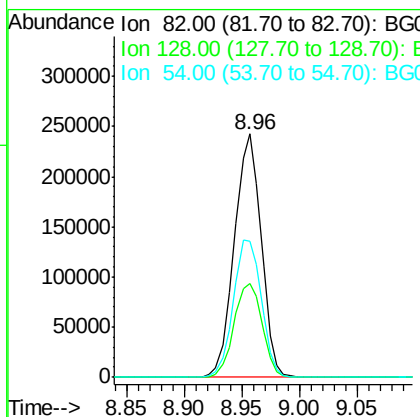
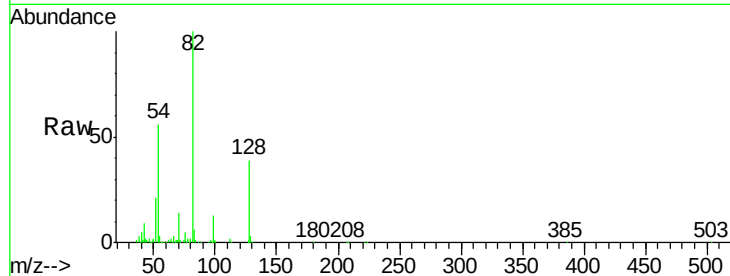




#23
 Nitrobenzene-d5
 Concen: 56.93 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016909.D
 Acq: 6 May 2015 20:47

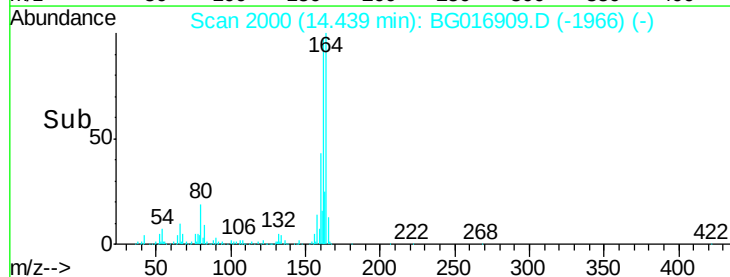
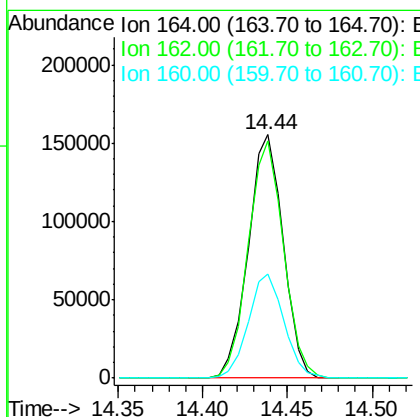
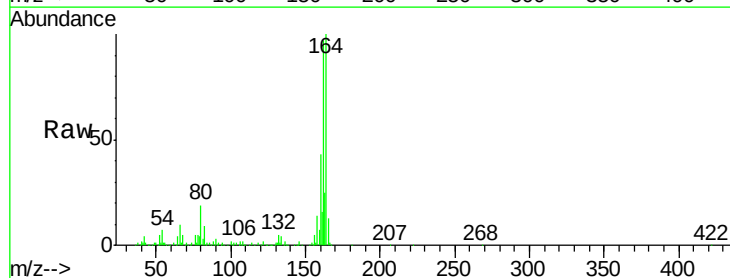
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BL

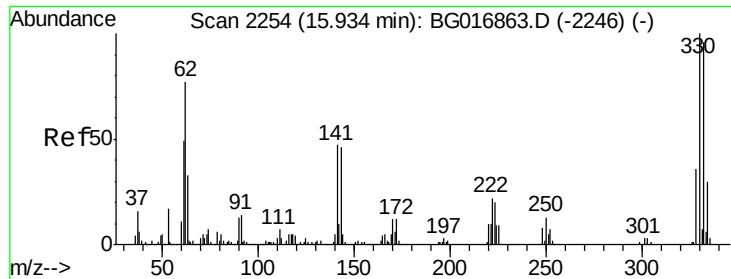
Tot Ion	82	Resp	391189
Ion Ratio	Lower	Upper	
82	100		
128	38.8	33.2	49.8
54	55.9	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016909.D
 Acq: 6 May 2015 20:47

Tgt Ion	164	Resp	223021
Ion Ratio	Lower	Upper	
164	100		
162	97.2	74.0	111.0
160	42.6	34.7	52.1

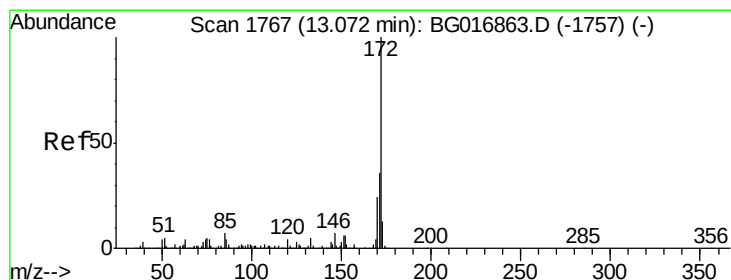
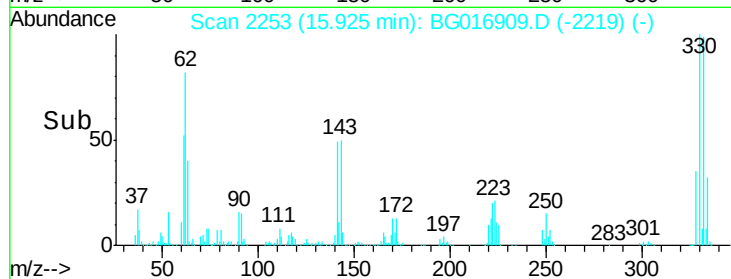
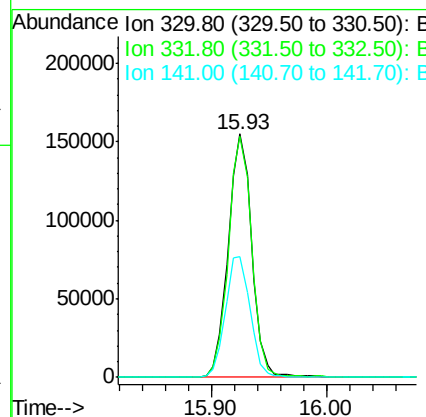
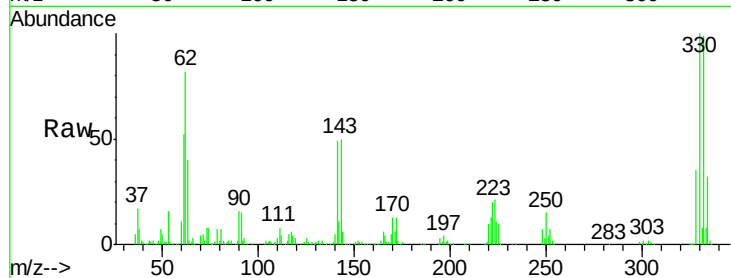




#41
 2,4,6-Tribromophenol
 Concen: 97.84 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016909.D
 Acq: 6 May 2015 20:47

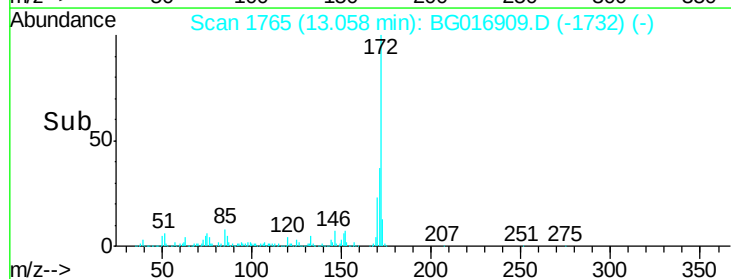
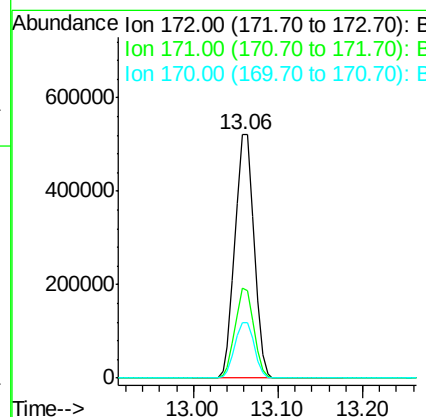
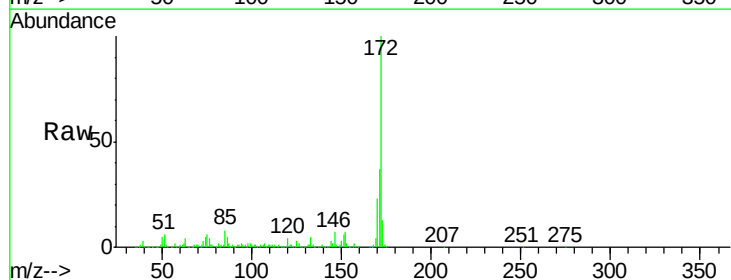
Instrument :
 BNA_G
 ClientSampleId :
 PB83110BL

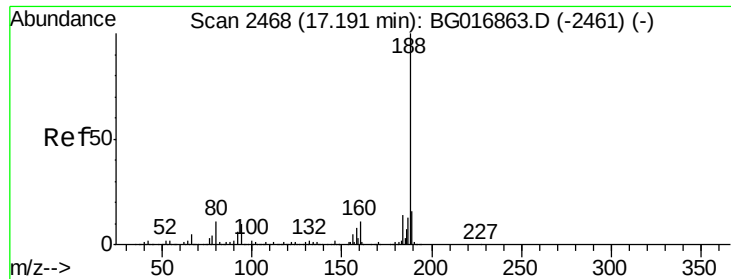
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	52.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 54.54 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG016909.D
 Acq: 6 May 2015 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.4
170	22.9	19.0	28.4

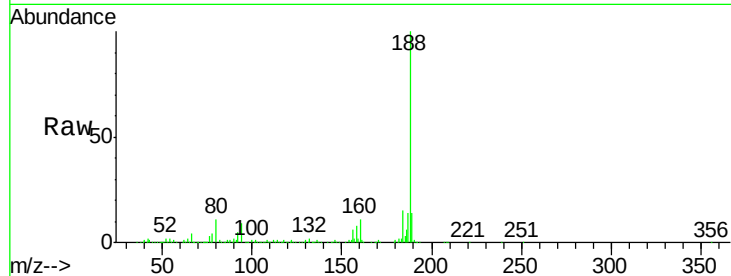




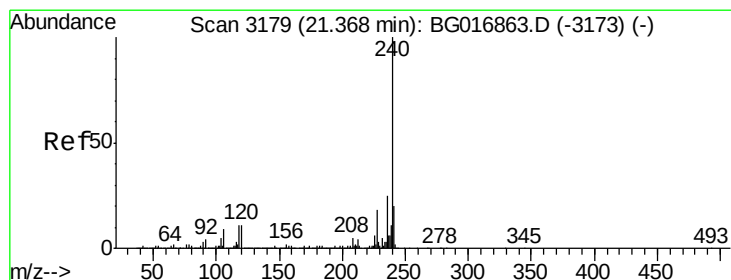
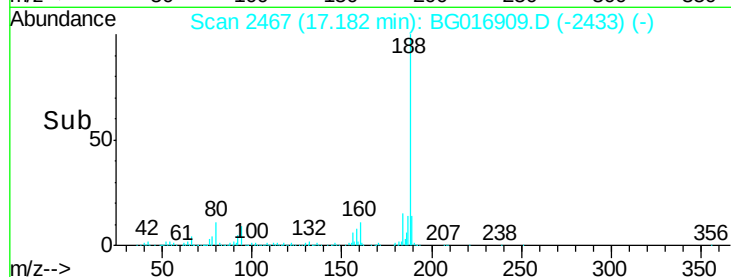
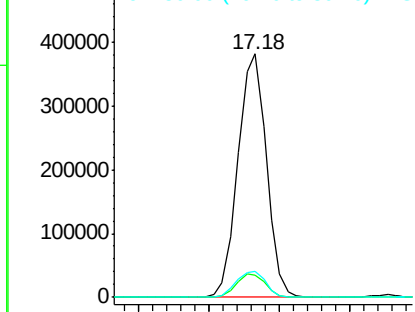
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016909.D
Acq: 6 May 2015 20:47

Instrument :
BNA_G
ClientSampleId :
PB83110BL

Tot Ion:188 Resp: 536832
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 10.6 8.8 13.2

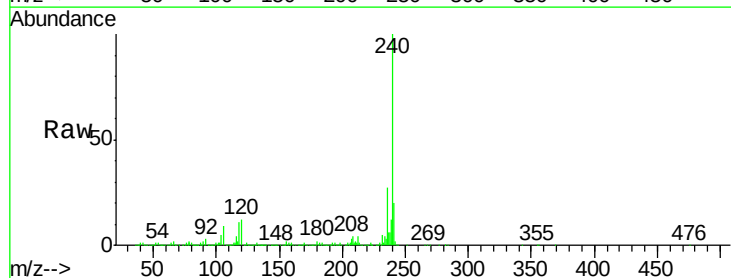


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

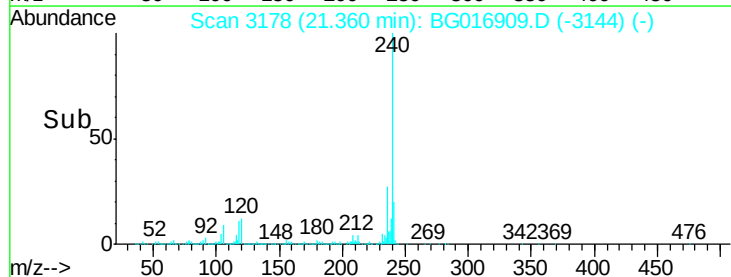
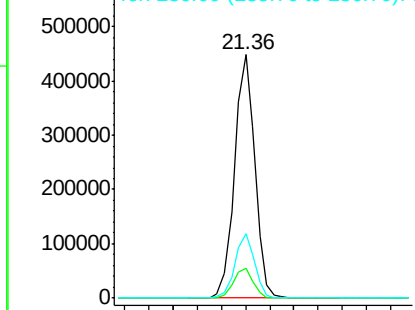


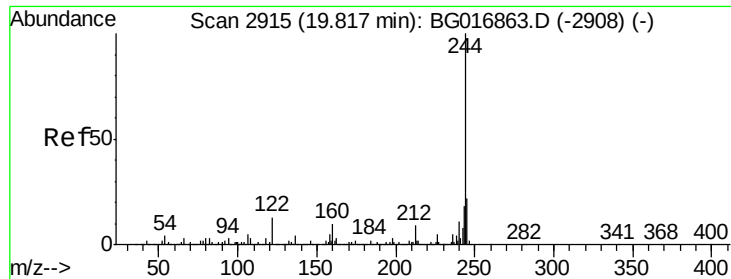
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG016909.D
Acq: 6 May 2015 20:47

Tgt Ion:240 Resp: 526174
Ion Ratio Lower Upper
240 100
120 12.2 9.1 13.7
236 26.7 20.2 30.4



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: 59.51 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016909.D

Acq: 6 May 2015 20:47

Instrument :

BNA_G

ClientSampled :

PB83110BL

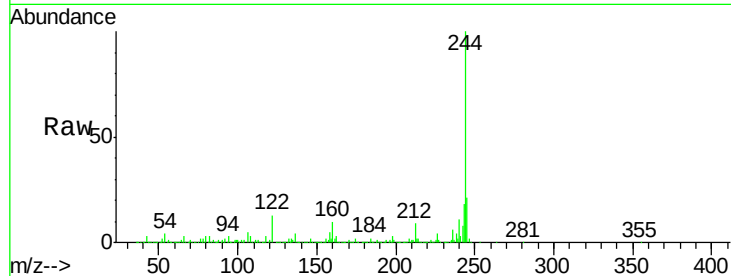
Tot Ion:244 Resp: 1335649

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	13.3	10.4	15.6

244 100

212 9.0 7.0 10.6

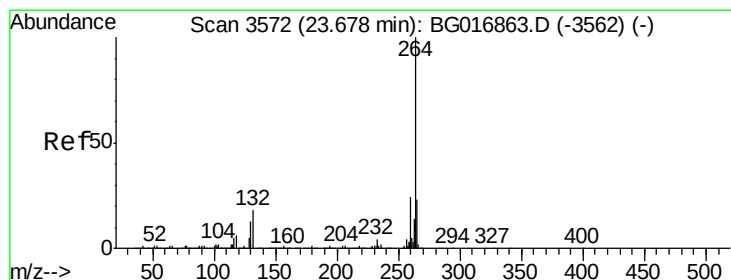
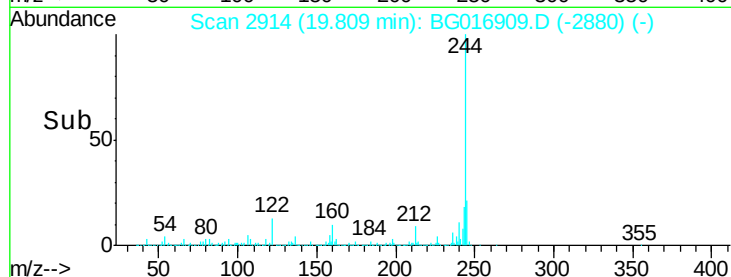
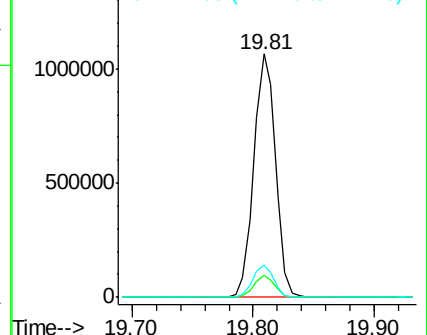
122 13.3 10.4 15.6



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: 23.66 min Scan# 3570

Delta R.T. -0.00 min

Lab File: BG016909.D

Acq: 6 May 2015 20:47

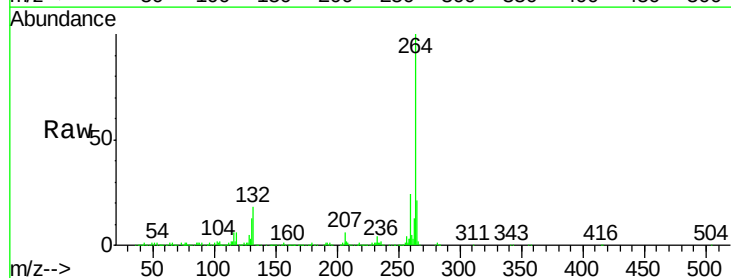
Tgt Ion:264 Resp: 514717

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.0	18.5	27.7

264 100

260 23.7 19.5 29.3

265 21.0 18.5 27.7



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

