

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025809.D
 Acq On : 6 Feb 2017 19:26
 Operator : SJ/MA
 Sample : PB96733TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96733TB

Quant Time: Feb 07 02:41:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	90090	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	372690	20.00	ng	-0.01
38) Acenaphthene-d10	14.79	164	281381	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	619710	20.00	ng	0.00
75) Chrysene-d12	21.82	240	803296	20.00	ng	-0.02
86) Perylene-d12	25.19	264	754478	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	808842	160.91	ng	-0.01
7) Phenol-d6	7.32	99	1114302	151.78	ng	-0.01
23) Nitrobenzene-d5	9.34	82	781389	88.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	504959	125.84	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	1585785	91.53	ng	-0.02
78) Terphenyl-d14	20.12	244	2666576	80.12	ng	-0.01

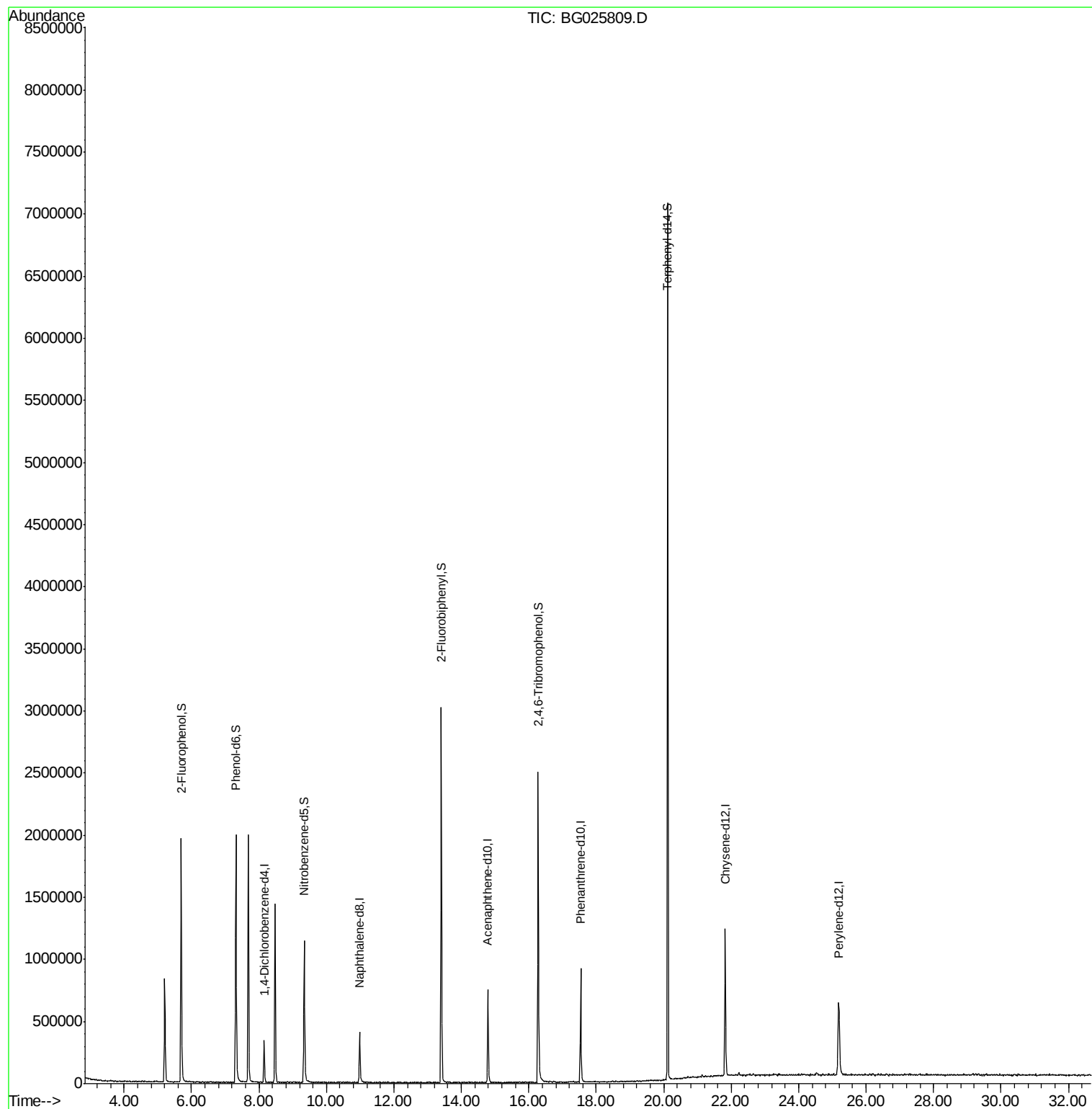
Target Compounds Qvalue

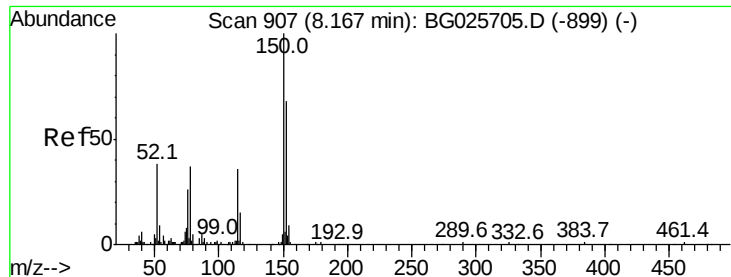
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
Data File : BG025809.D
Acq On : 6 Feb 2017 19:26
Operator : SJ/MA
Sample : PB96733TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB96733TB

Quant Time: Feb 07 02:41:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration



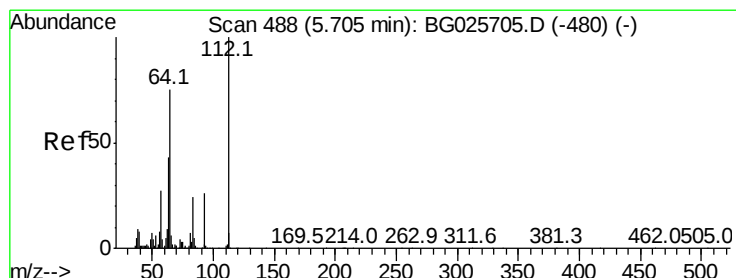
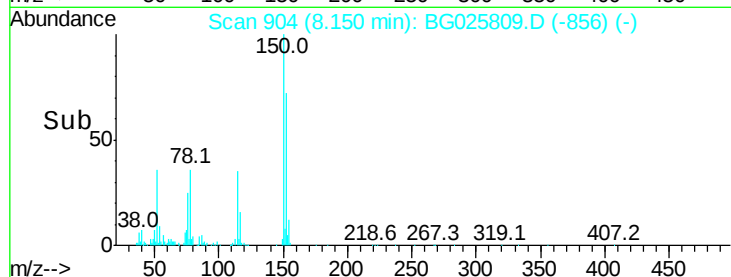
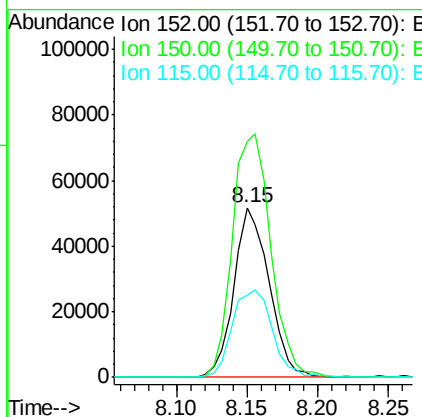
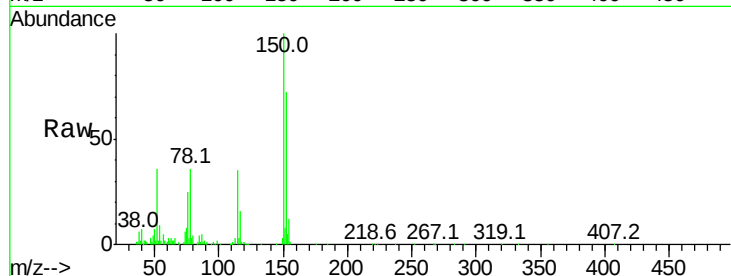


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Instrument :
BNA_G
ClientSampleId :
PB96733TB

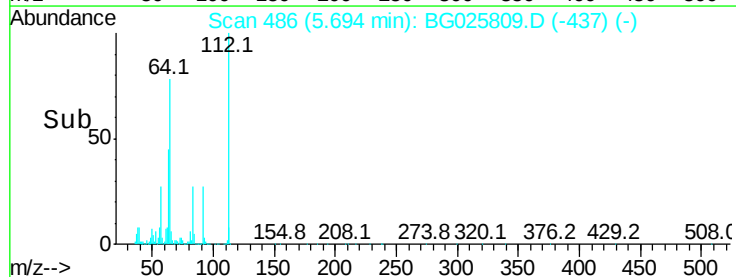
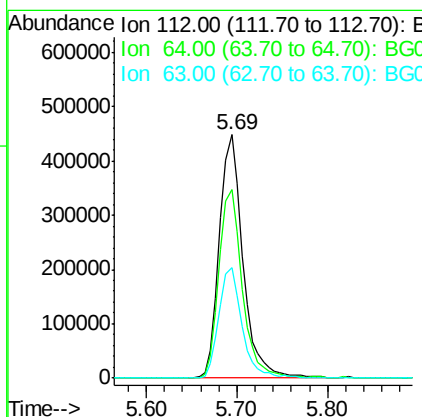
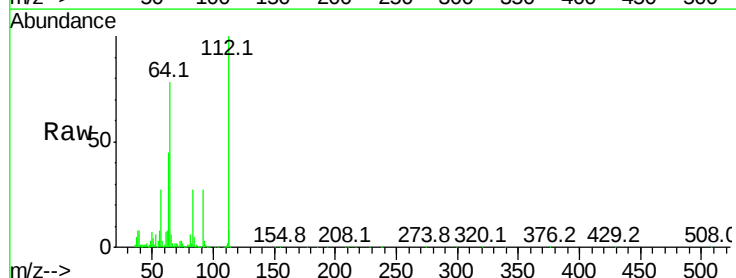
Tot Ion	Ratio	Lower	Upper
152	100		
150	138.8	114.0	171.0
115	48.5	48.1	72.1

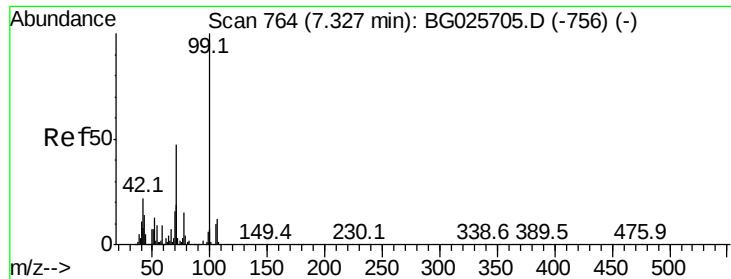


#5

2-Fluorophenol
Concen: 160.91 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG025809.D
Acq: 6 Feb 2017 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.7	61.8	92.6
63	45.2	37.2	55.8





#7

Phenol-d6

Concen: 151.78 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025809.D

Acq: 6 Feb 2017 19:26

Instrument :

BNA_G

ClientSampleId :

PB96733TB

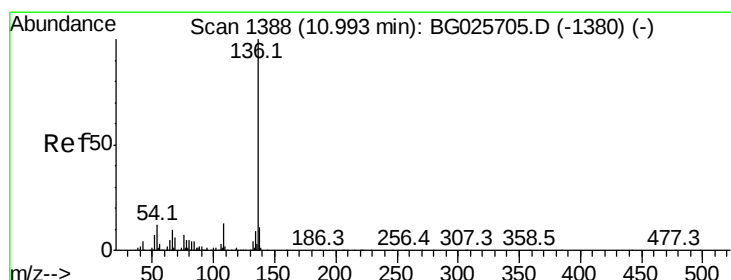
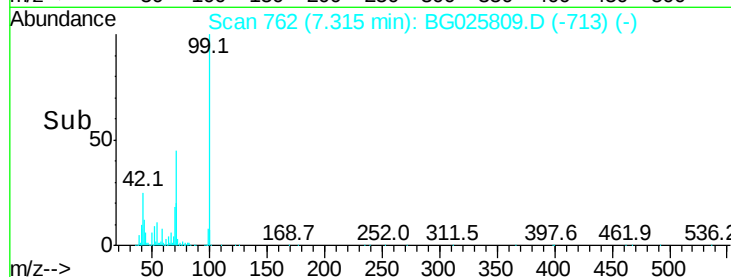
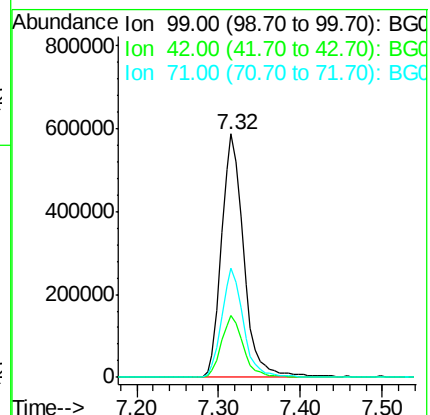
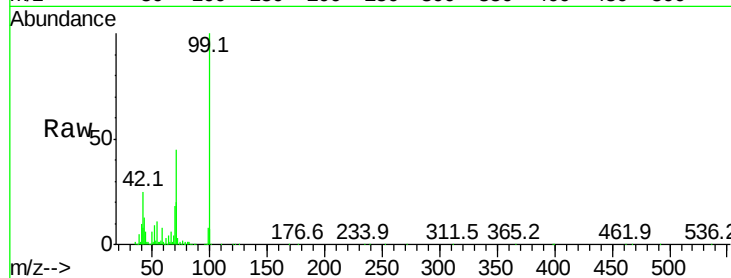
Tot Ion: 99 Resp: 1114302

Ion Ratio Lower Upper

99 100

42 25.2 20.5 30.7

71 44.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG025809.D

Acq: 6 Feb 2017 19:26

Tgt Ion: 136 Resp: 372690

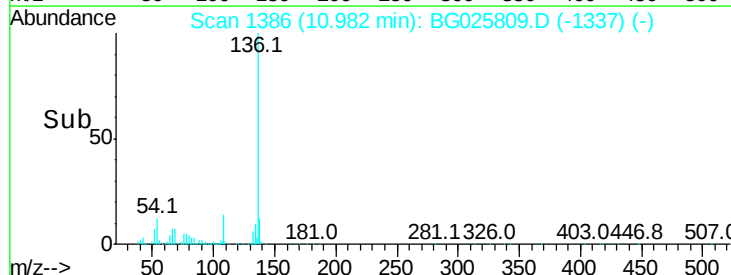
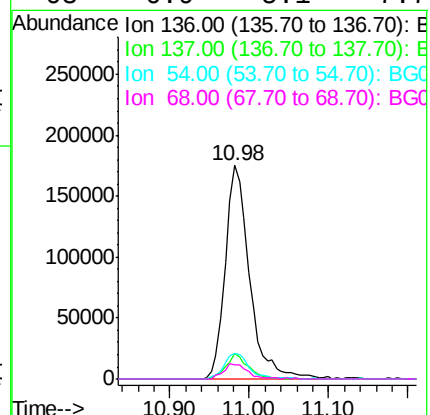
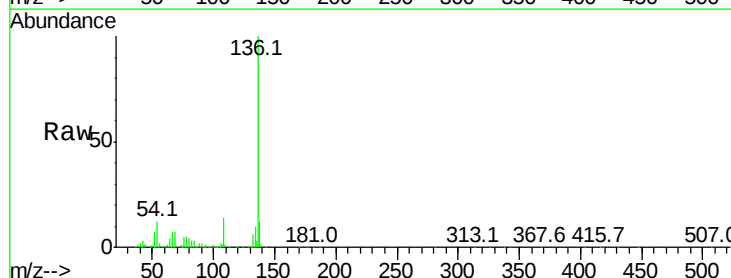
Ion Ratio Lower Upper

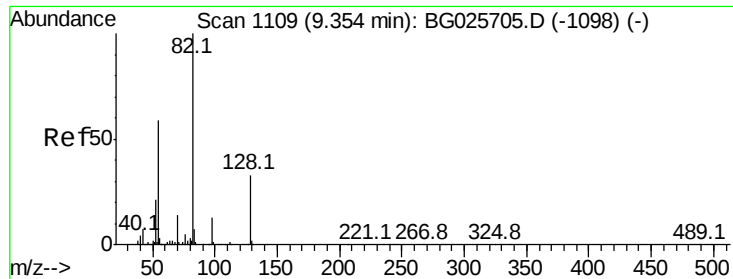
136 100

137 11.8 8.9 13.3

54 11.7 9.3 13.9

68 6.9 5.1 7.7

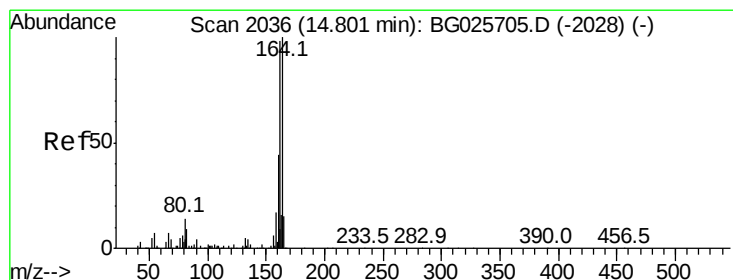
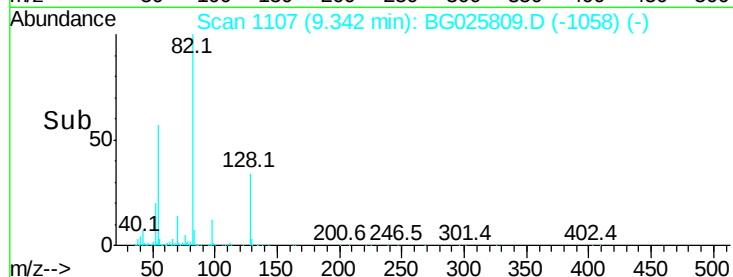
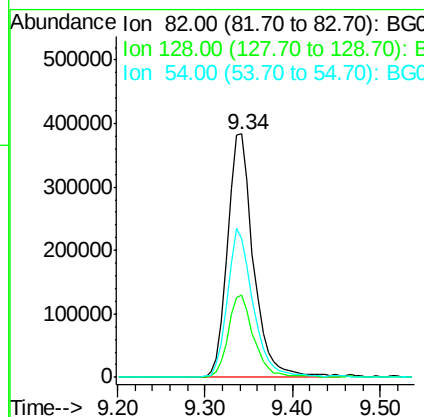
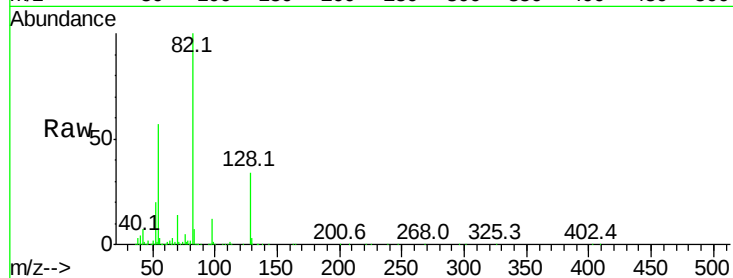




#23
 Nitrobenzene-d5
 Concen: 88.59 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG025809.D
 Acq: 6 Feb 2017 19:26

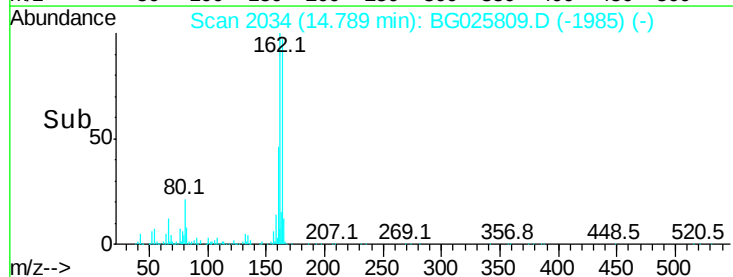
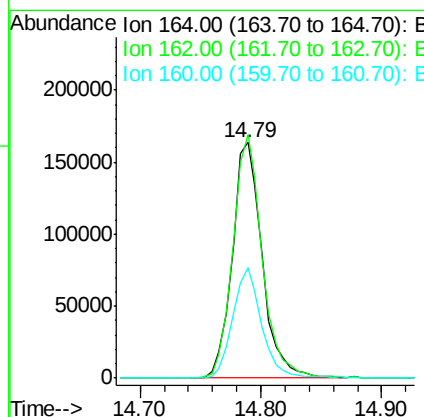
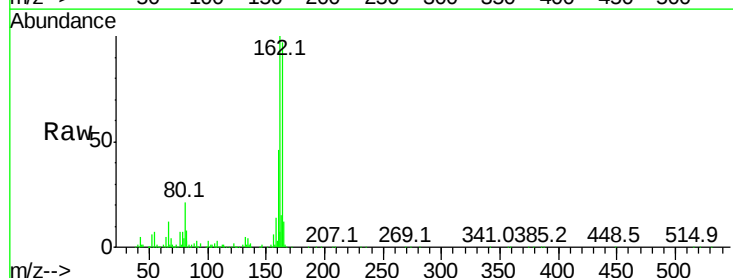
Instrument :
 BNA_G
 ClientSampleId :
 PB96733TB

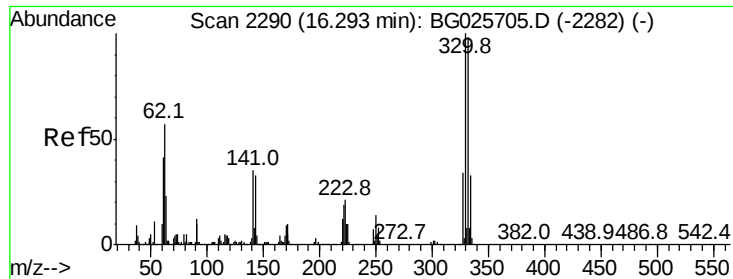
Tot Ion	82	Resp	781389
Ion Ratio	Lower	Upper	
82	100		
128	33.7	26.4	39.6
54	57.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG025809.D
 Acq: 6 Feb 2017 19:26

Tgt Ion	164	Resp	281381
Ion Ratio	Lower	Upper	
164	100		
162	103.3	85.1	127.7
160	47.1	34.7	52.1

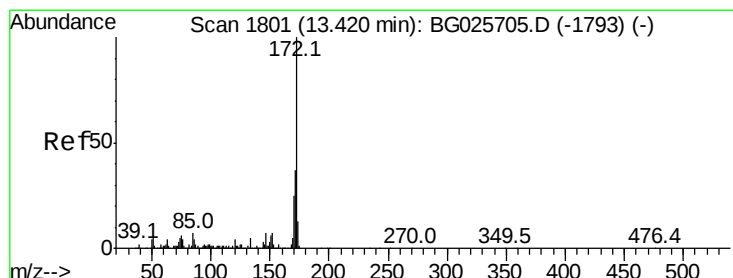
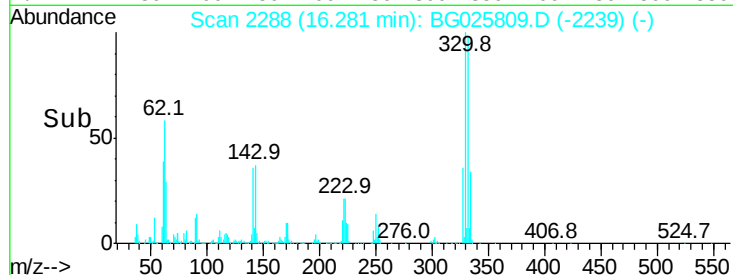
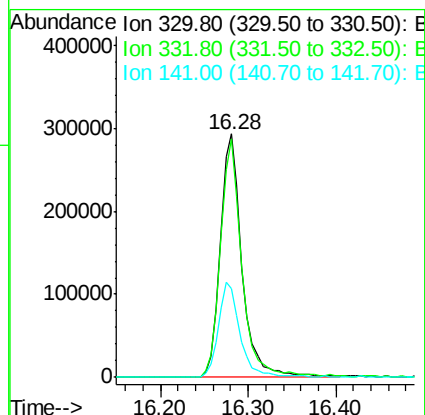
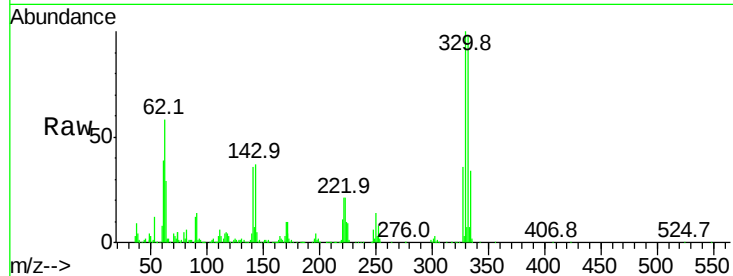




#41
 2,4,6-Tribromophenol
 Concen: 125.84 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025809.D
 Acq: 6 Feb 2017 19:26

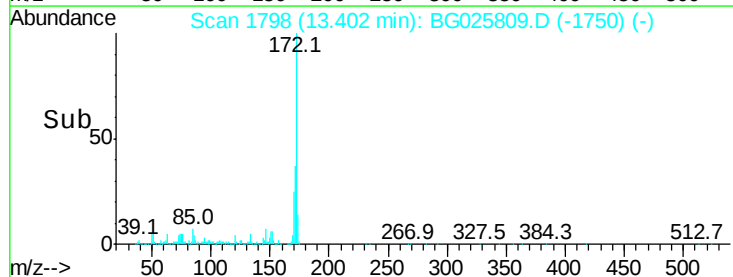
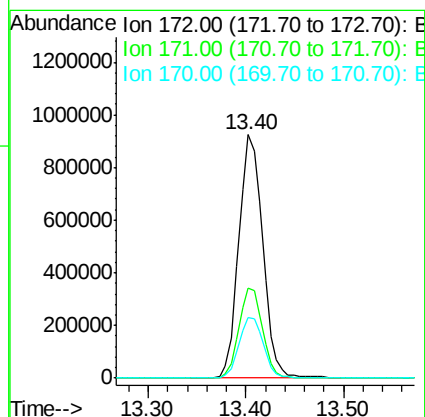
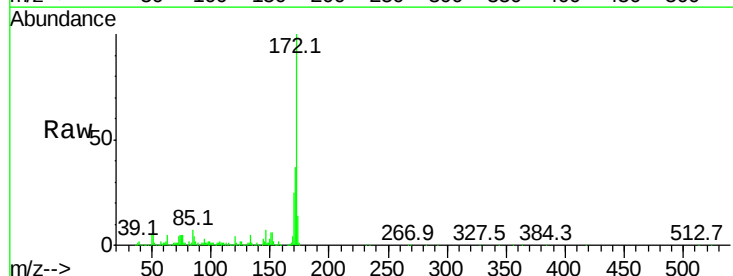
Instrument :
 BNA_G
 ClientSampleId :
 PB96733TB

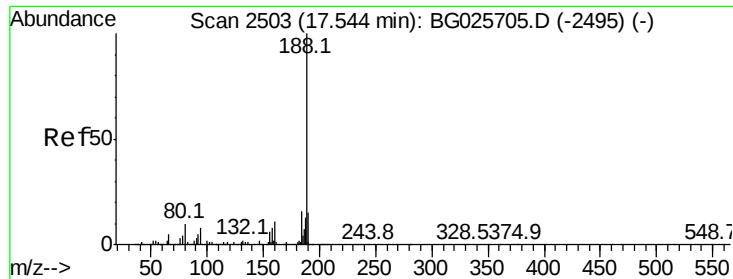
Tot Ion:330 Resp: 504959
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 38.9 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 91.53 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG025809.D
 Acq: 6 Feb 2017 19:26

Tgt Ion:172 Resp: 1585785
 Ion Ratio Lower Upper
 172 100
 171 36.9 32.2 48.2
 170 24.8 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG025809.D

Acq: 6 Feb 2017 19:26

Instrument :

BNA_G

ClientSampleId :

PB96733TB

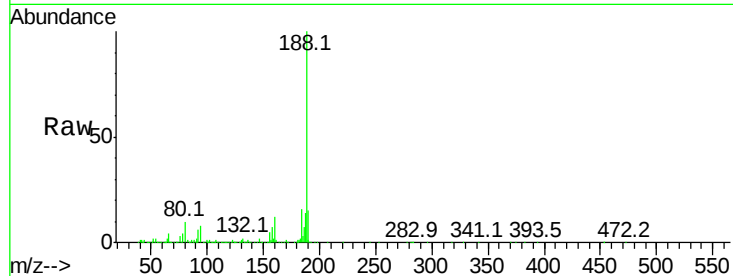
Tot Ion:188 Resp: 619710

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.8

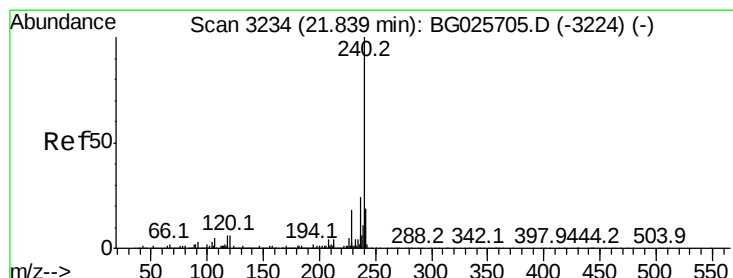
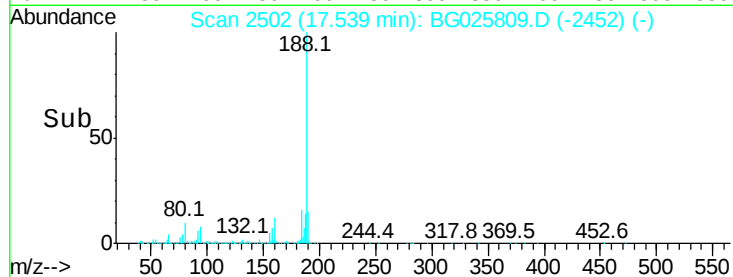
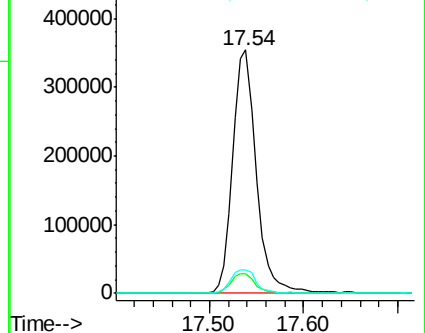
80 9.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG025809.D

Acq: 6 Feb 2017 19:26

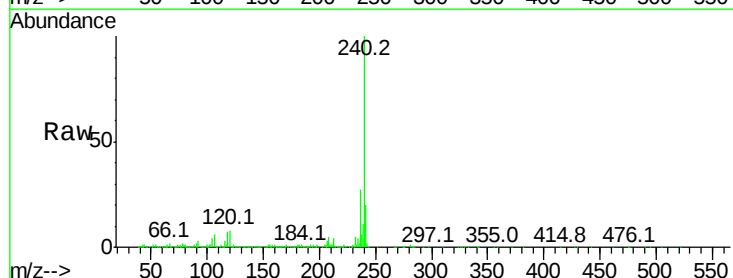
Tgt Ion:240 Resp: 803296

Ion Ratio Lower Upper

240 100

120 8.4 5.7 8.5

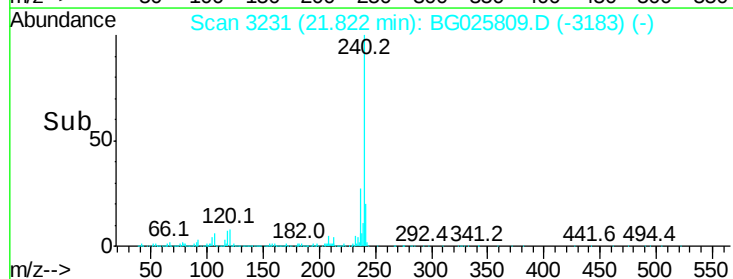
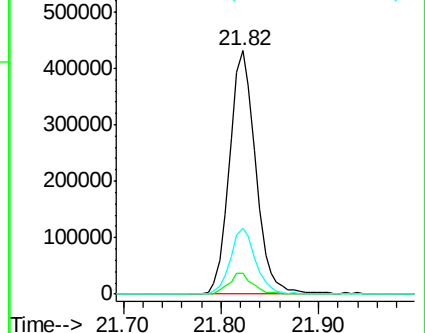
236 27.2 22.2 33.4

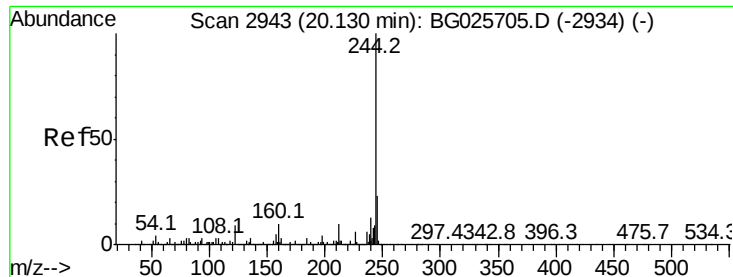


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.12 ng

RT: 20.12 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BG025809.D

Acq: 6 Feb 2017 19:26

Instrument :

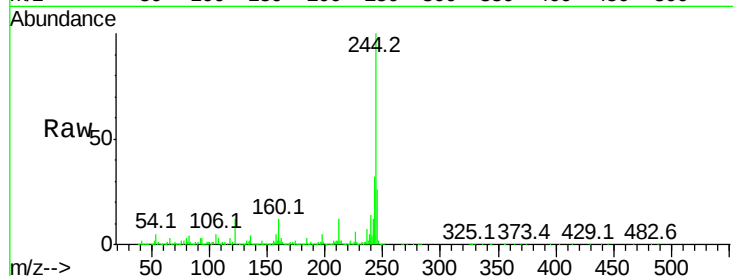
BNA_G

ClientSampleId :

PB96733TB

Tot Ion:244 Resp: 2666576

Ion	Ratio	Lower	Upper
244	100		
212	11.8	10.0	15.0
122	11.9	8.6	12.8

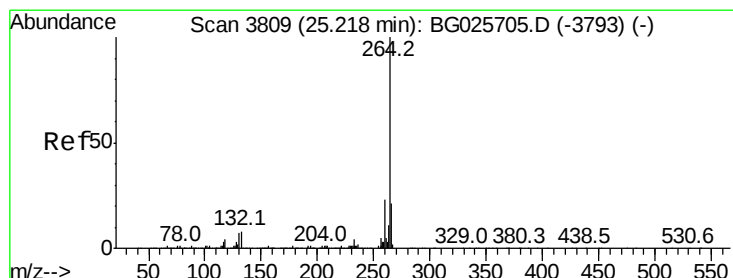
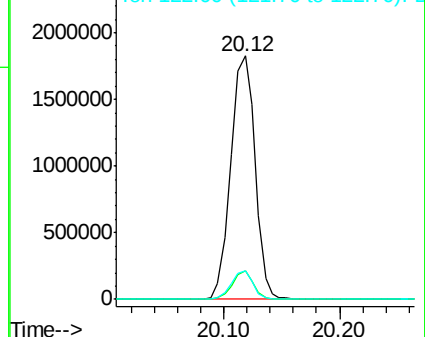
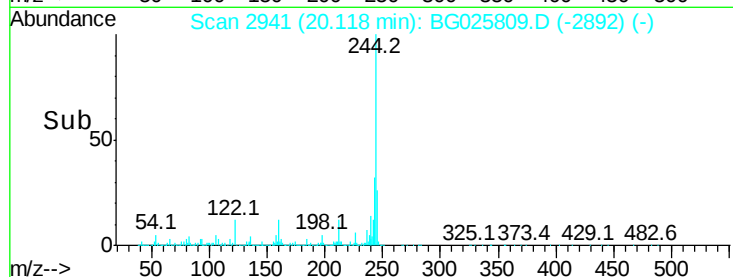


Abundance

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: 25.19 min Scan# 3805

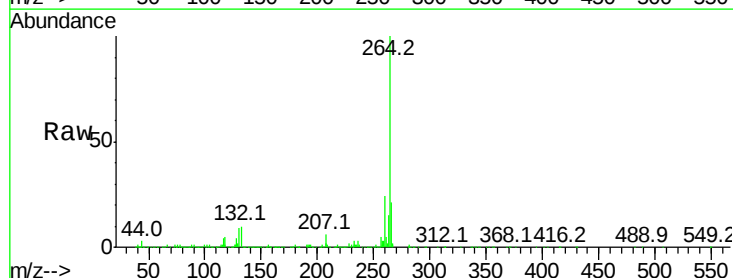
Delta R.T. -0.02 min

Lab File: BG025809.D

Acq: 6 Feb 2017 19:26

Tgt Ion:264 Resp: 754478

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	20.9	18.2	27.4



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

