

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025807.D
 Acq On : 6 Feb 2017 18:07
 Operator : SJ/MA
 Sample : PB96733BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96733BL

Quant Time: Feb 07 02:38:58 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	8.16	152	84979	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	342476	20.00	ng	-0.01
38) Acenaphthene-d10	14.79	164	251894	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	562080	20.00	ng	0.00
75) Chrysene-d12	21.82	240	703061	20.00	ng	-0.02
86) Perylene-d12	25.19	264	647925	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	677027	142.78	ng	-0.01
7) Phenol-d6	7.32	99	911587	131.63	ng	-0.01
23) Nitrobenzene-d5	9.34	82	650042	80.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	419677	116.83	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1339342	86.35	ng	-0.01
78) Terphenyl-d14	20.12	244	2292445	78.70	ng	-0.01

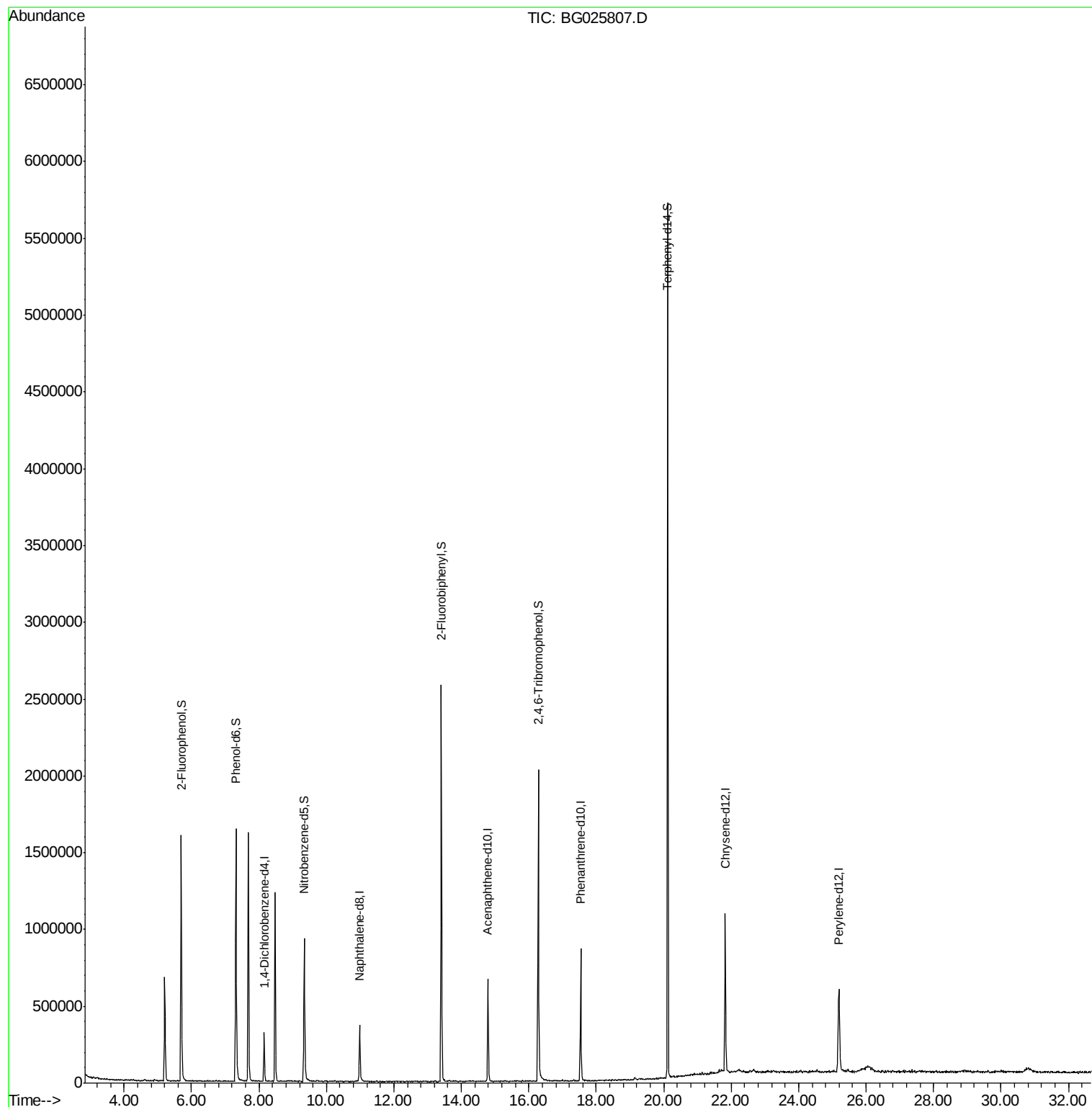
Target Compounds Qvalue

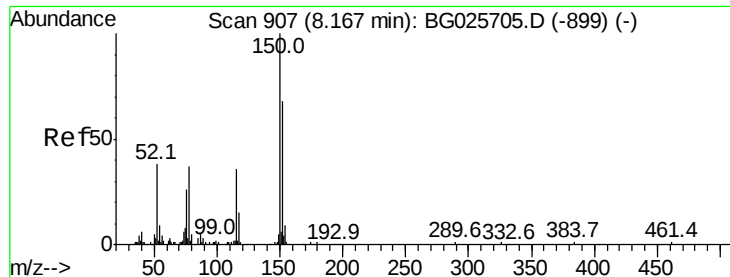
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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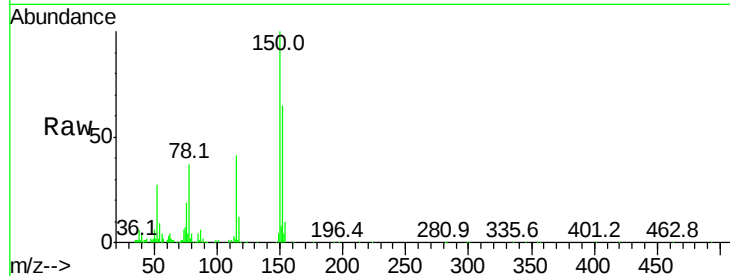


#1

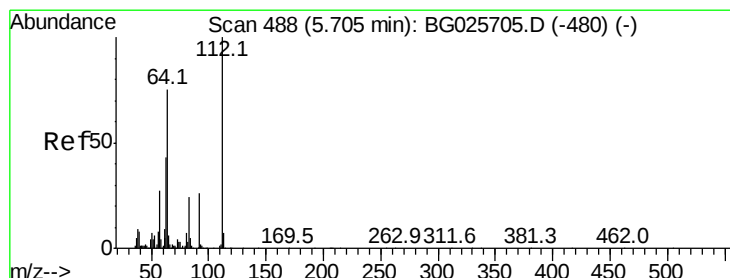
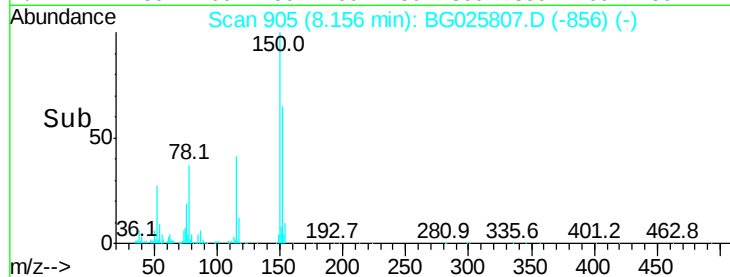
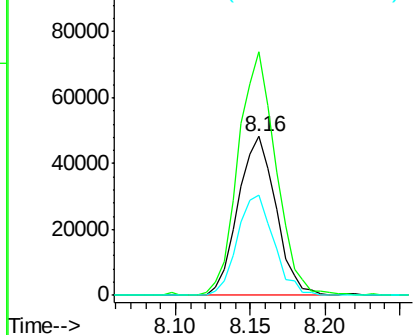
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG025807.D
Acq: 6 Feb 2017 18:07

Instrument :
BNA_G
ClientSampleId :
PB96733BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	114.0	171.0
115	63.3	48.1	72.1



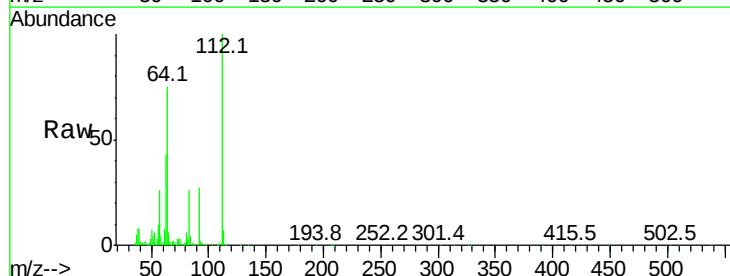
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



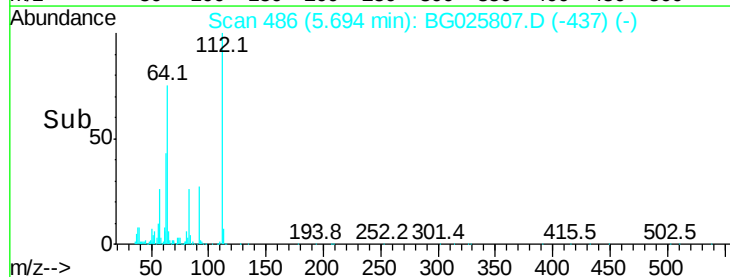
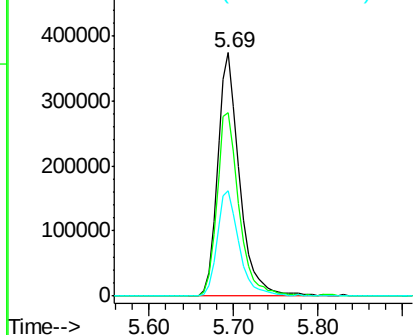
#5

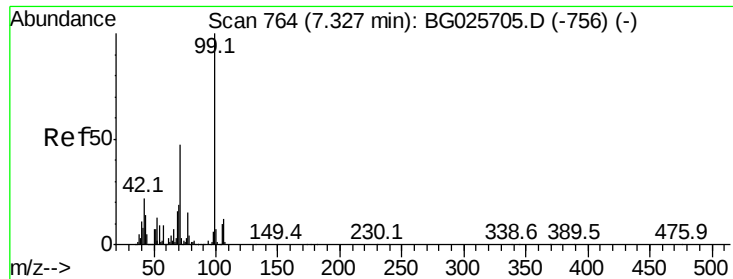
2-Fluorophenol
Concen: 142.78 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG025807.D
Acq: 6 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.8	92.6
63	43.4	37.2	55.8



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





#7

Phenol-d6

Concen: 131.63 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025807.D

Acq: 6 Feb 2017 18:07

Instrument :

BNA_G

ClientSampleId :

PB96733BL

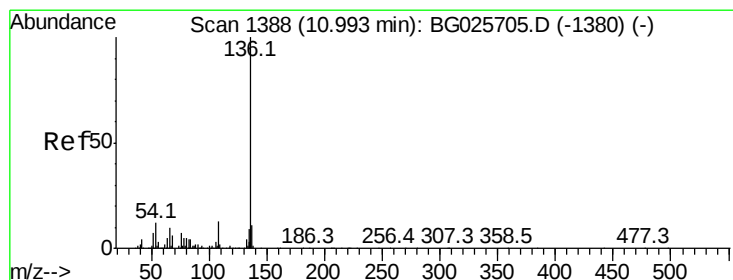
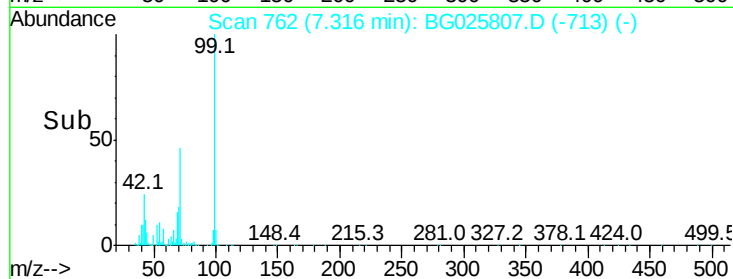
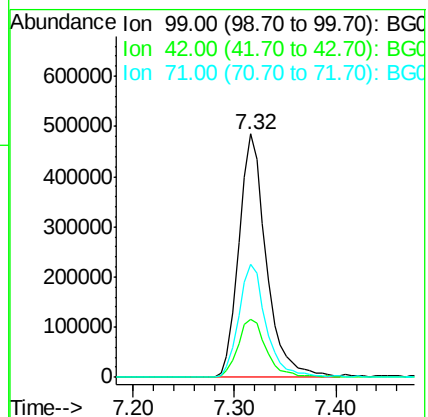
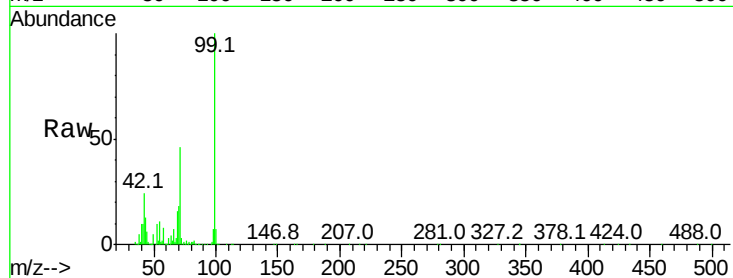
Tot Ion: 99 Resp: 911587

Ion Ratio Lower Upper

99 100

42 23.8 20.5 30.7

71 46.4 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: BG025807.D

Acq: 6 Feb 2017 18:07

Tgt Ion: 136 Resp: 342476

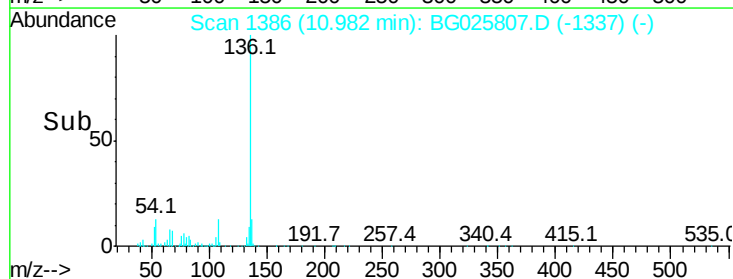
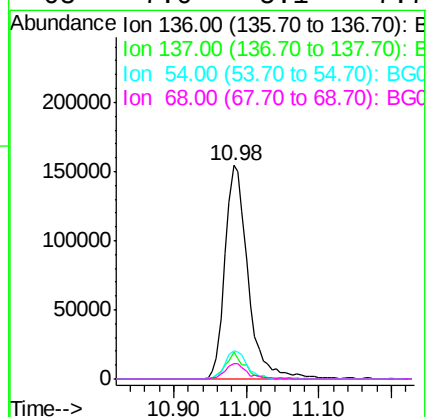
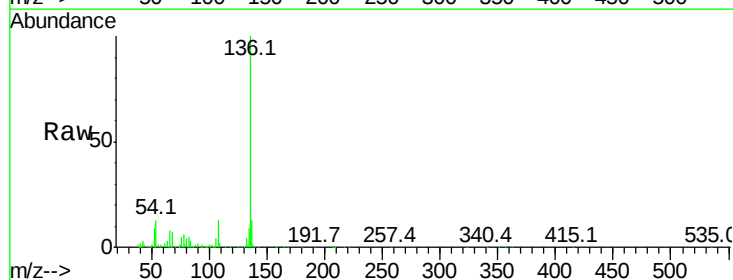
Ion Ratio Lower Upper

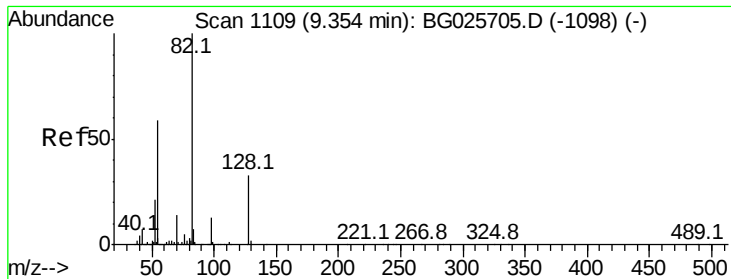
136 100

137 12.9 8.9 13.3

54 13.1 9.3 13.9

68 7.0 5.1 7.7

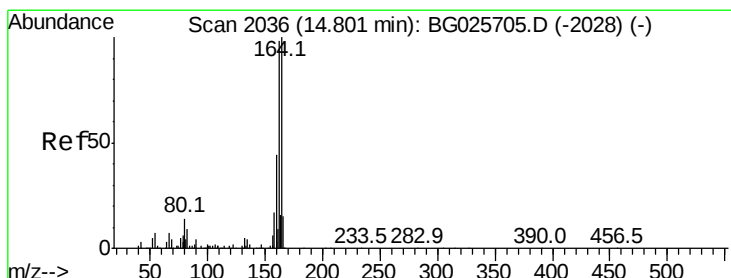
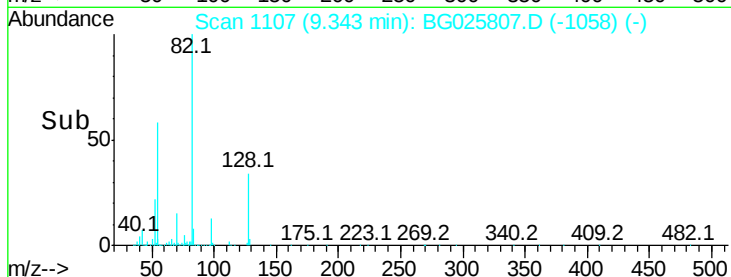
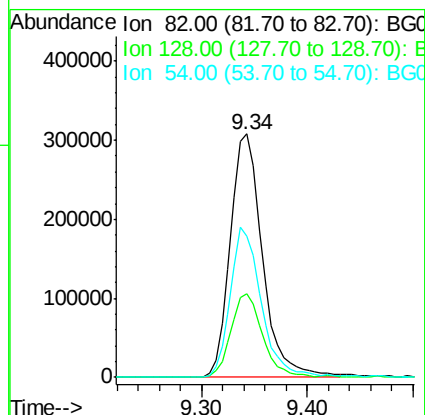
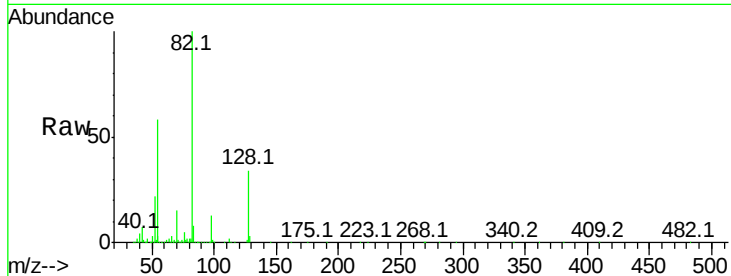




#23
 Nitrobenzene-d5
 Concen: 80.20 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG025807.D
 Acq: 6 Feb 2017 18:07

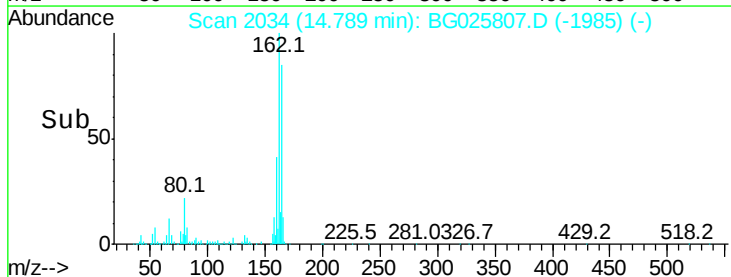
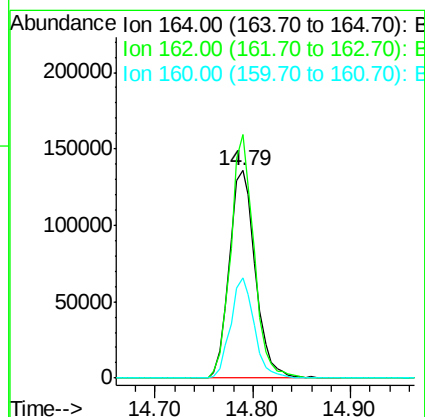
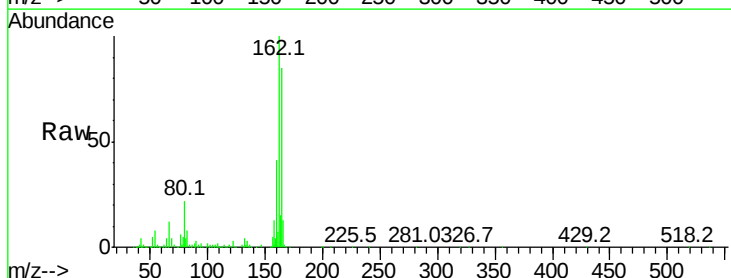
Instrument :
 BNA_G
 ClientSampleId :
 PB96733BL

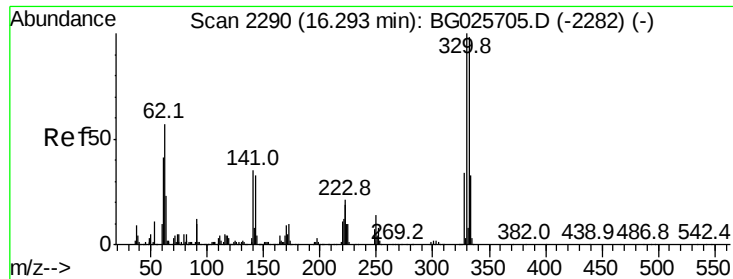
Tot Ion	82	Resp	650042
Ion Ratio	100	Lower	Upper
128	34.2	26.4	39.6
54	58.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG025807.D
 Acq: 6 Feb 2017 18:07

Tgt Ion	164	Resp	251894
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	117.3	85.1	127.7
160	48.6	34.7	52.1

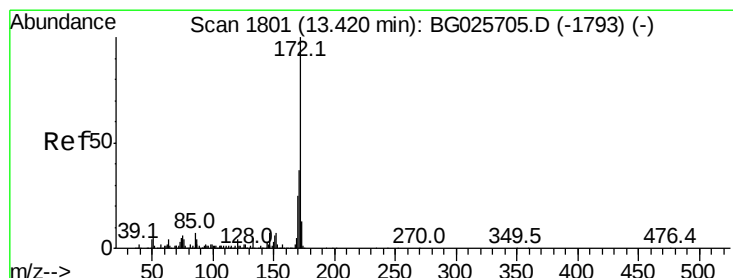
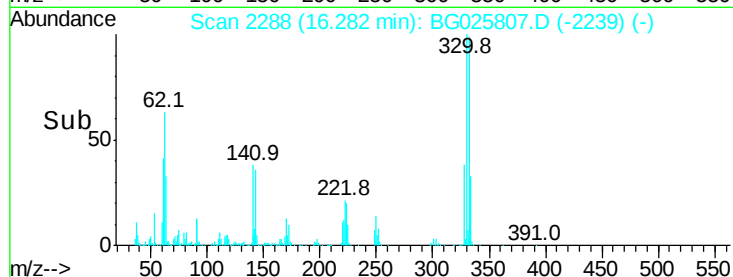
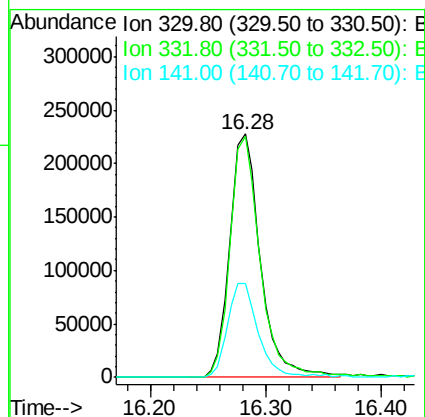
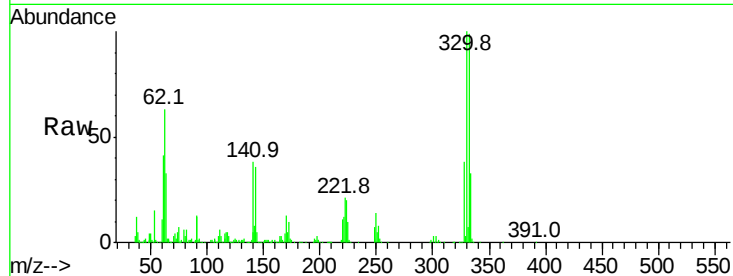




#41
 2,4,6-Tribromophenol
 Concen: 116.83 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025807.D
 Acq: 6 Feb 2017 18:07

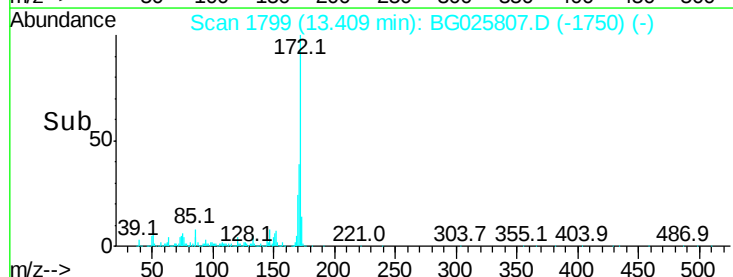
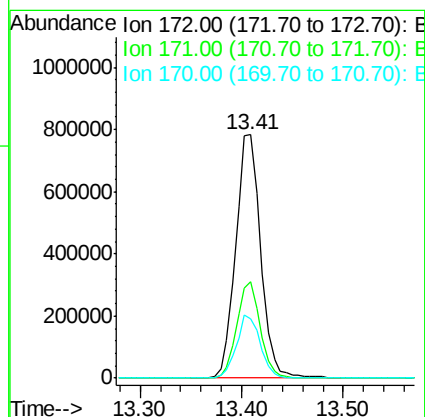
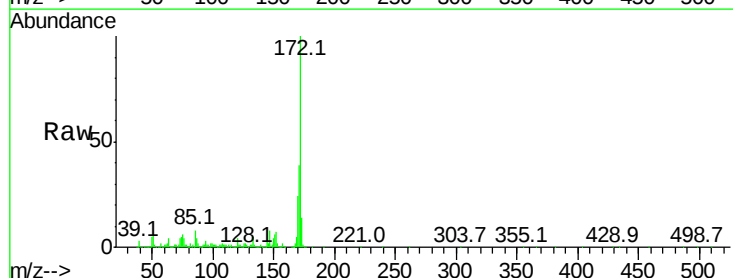
Instrument :
 BNA_G
 ClientSampleId :
 PB96733BL

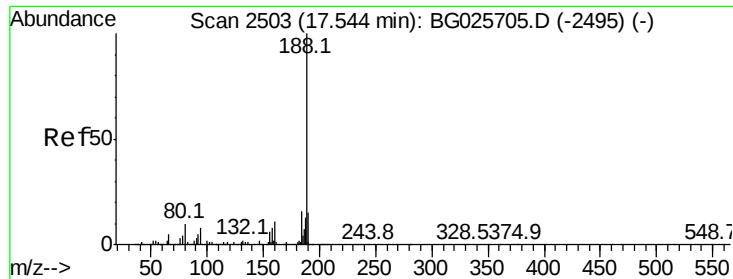
Tot Ion:330 Resp: 419677
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.3 115.9
 141 38.1 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 86.35 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG025807.D
 Acq: 6 Feb 2017 18:07

Tgt Ion:172 Resp: 1339342
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.2 48.2
 170 24.5 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: BG025807.D

Acq: 6 Feb 2017 18:07

Instrument :

BNA_G

ClientSampleId :

PB96733BL

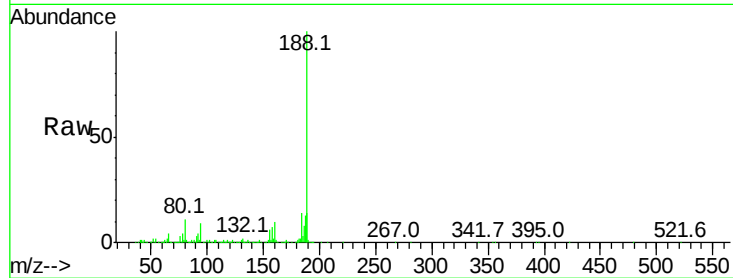
Tot Ion:188 Resp: 562080

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.8

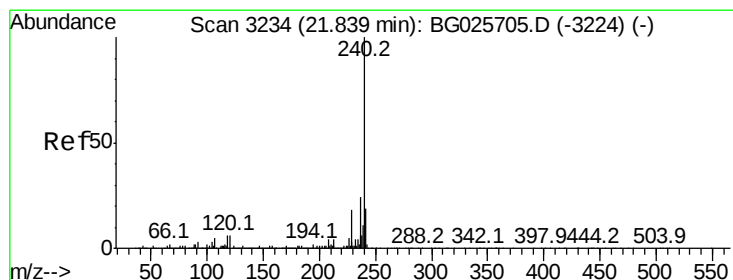
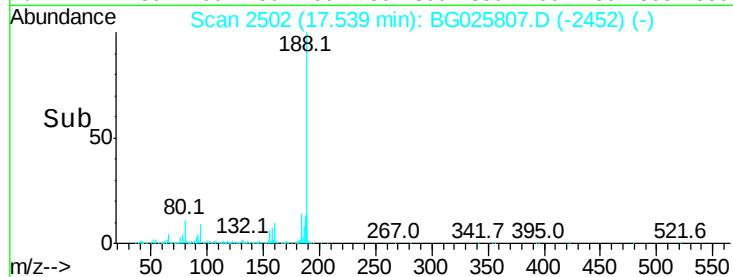
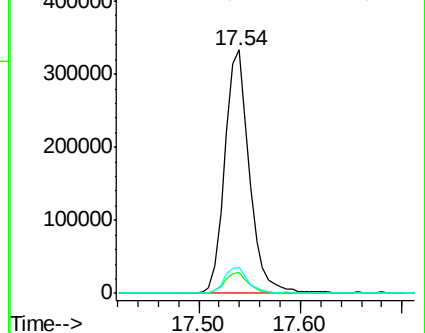
80 10.5 7.5 11.3



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: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG025807.D

Acq: 6 Feb 2017 18:07

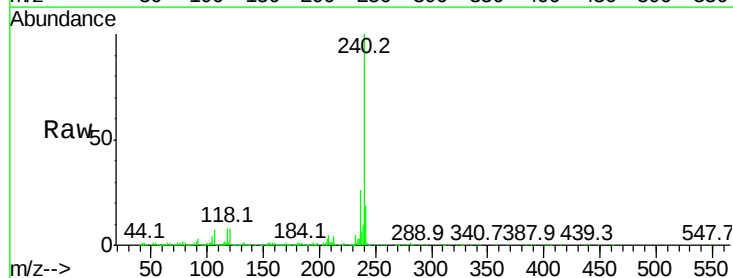
Tgt Ion:240 Resp: 703061

Ion Ratio Lower Upper

240 100

120 8.5 5.7 8.5

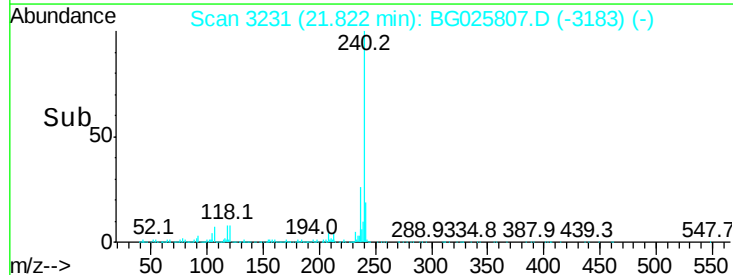
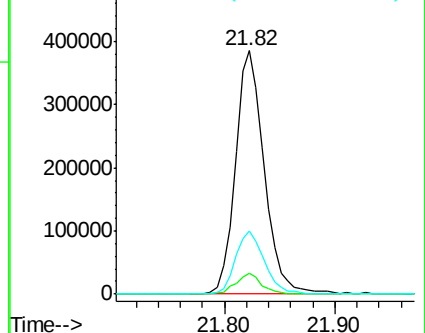
236 26.1 22.2 33.4

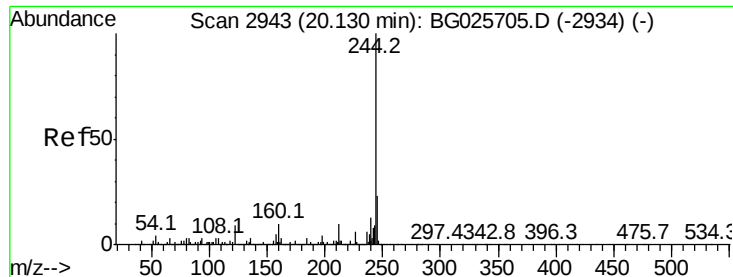


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.70 ng

RT: 20.12 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BG025807.D

Acq: 6 Feb 2017 18:07

Instrument :

BNA_G

ClientSampleId :

PB96733BL

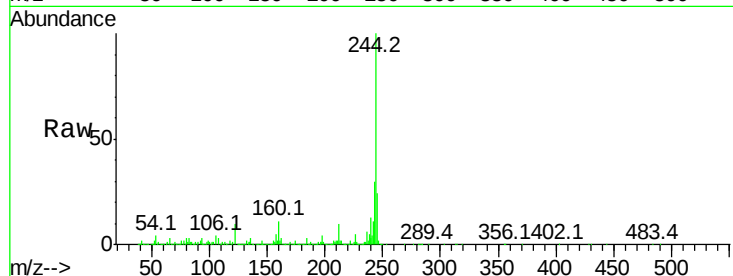
Tot Ion:244 Resp: 2292445

Ion Ratio Lower Upper

244 100

212 10.4 10.0 15.0

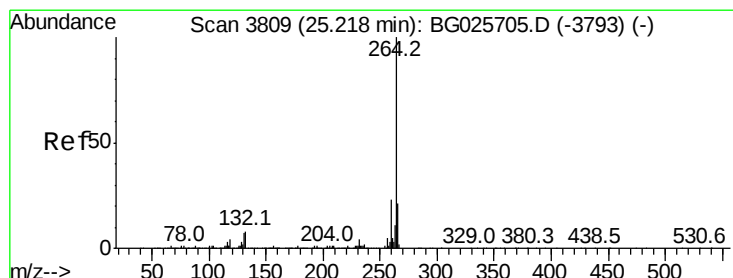
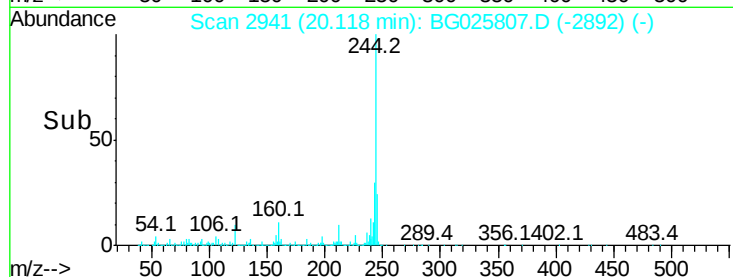
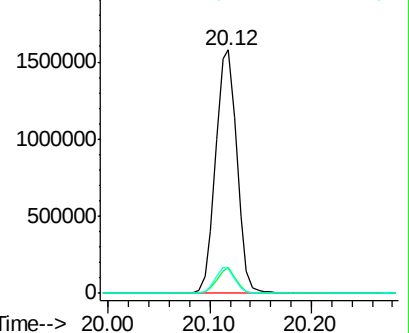
122 10.2 8.6 12.8



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: BG025807.D

Acq: 6 Feb 2017 18:07

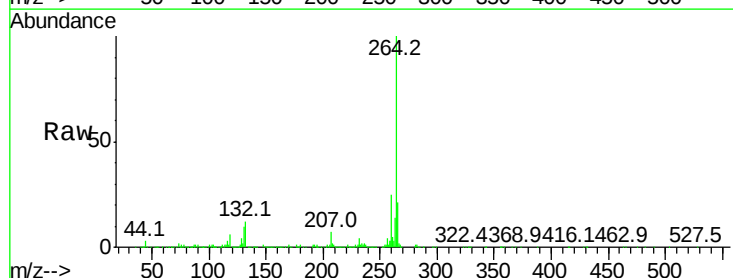
Tgt Ion:264 Resp: 647925

Ion Ratio Lower Upper

264 100

260 25.1 21.8 32.8

265 20.5 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

