

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025544.D
 Acq On : 20 Jan 2017 18:42
 Operator : UM/SJ
 Sample : I1304-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-41-COMP

Quant Time: Jan 21 00:39:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57043	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	219821	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	167593	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	409527	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	658787	20.00	ng	-0.02
86) Perylene-d12	25.23	264	694078	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	454042	144.68	ng	-0.02
7) Phenol-d6	7.34	99	602209	136.25	ng	-0.02
23) Nitrobenzene-d5	9.37	82	501858	100.86	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	416398	154.33	ng	-0.01
44) 2-Fluorobiphenyl	13.43	172	1072335	103.59	ng	-0.02
78) Terphenyl-d14	20.13	244	2339918	94.17	ng	-0.02

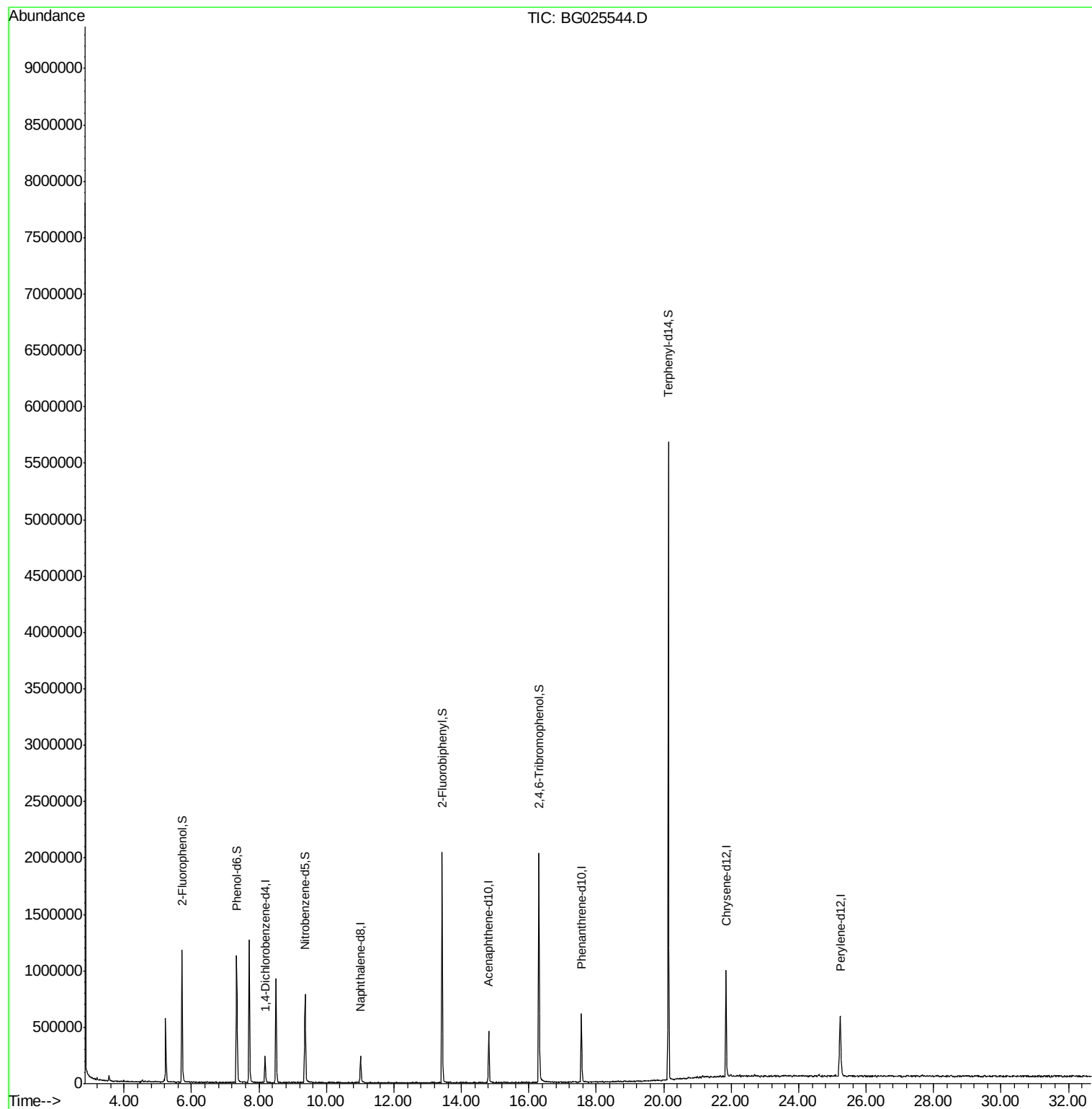
Target Compounds Qvalue

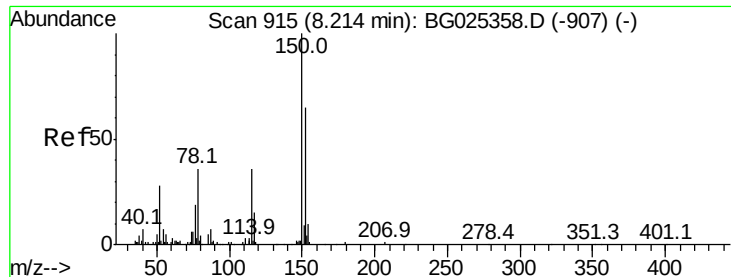
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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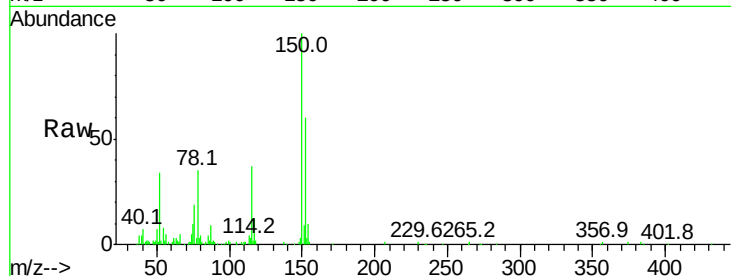


#1

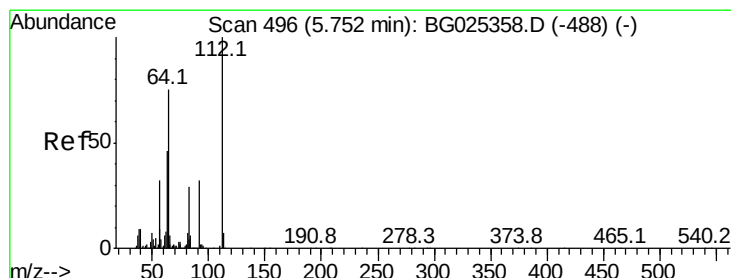
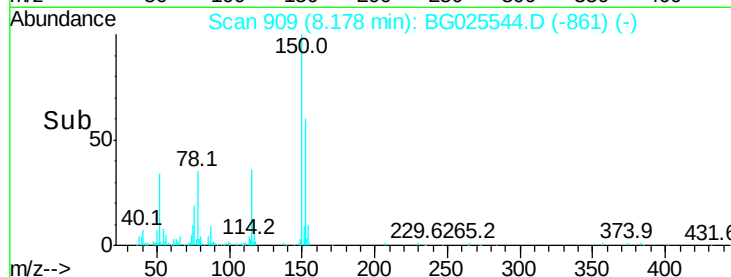
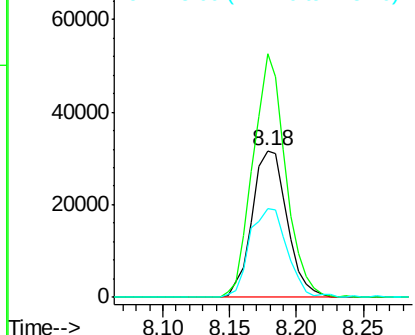
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-41-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.4	114.0	171.0
115	61.0	48.1	72.1



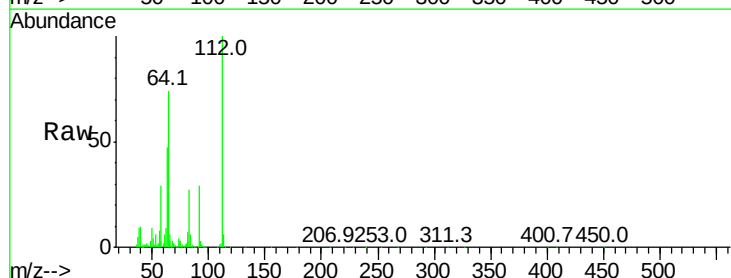
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



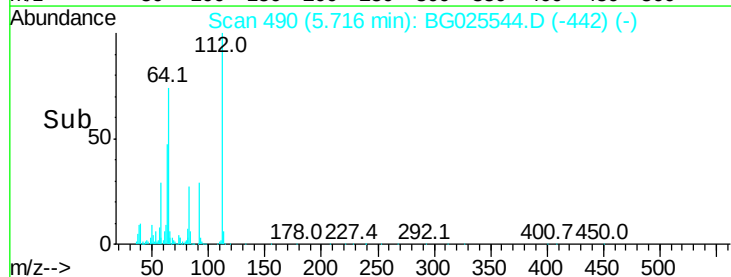
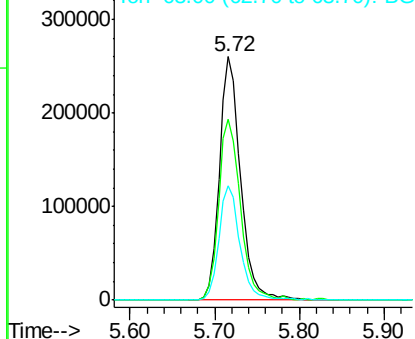
#5

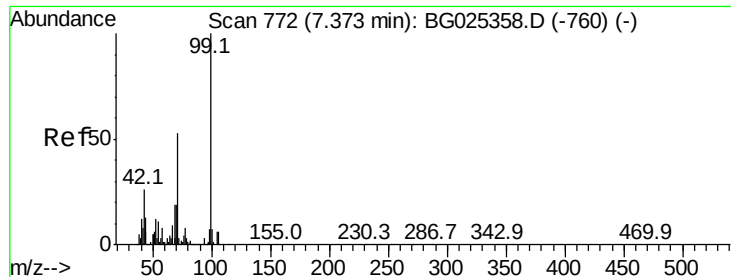
2-Fluorophenol
Concen: 144.68 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	61.8	92.6
63	47.0	37.2	55.8



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: 136.25 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

Instrument :

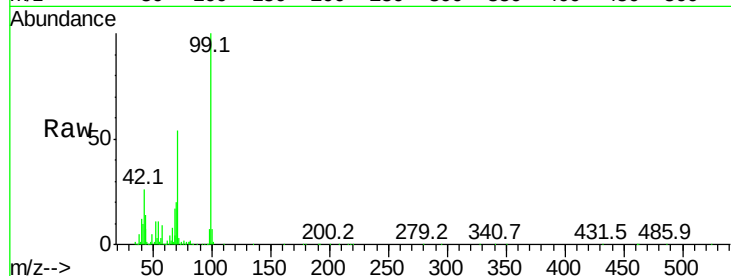
BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

Tot Ion: 99 Resp: 602209

Ion	Ratio	Lower	Upper
99	100		
42	26.3	20.5	30.7
71	53.9	37.6	56.4



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

400000

300000

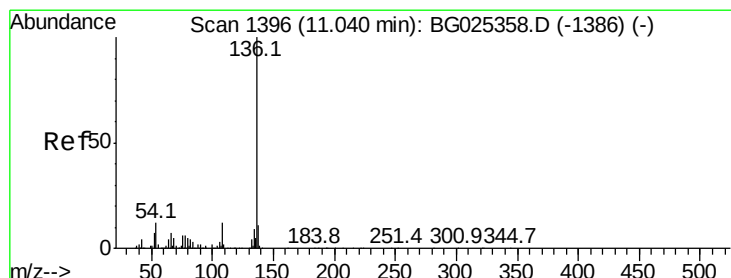
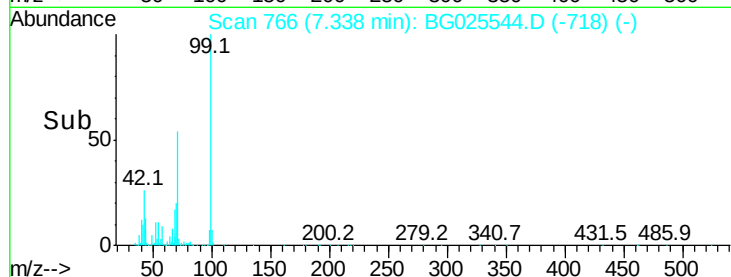
200000

100000

0

7.30 7.34 7.40

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.01 min Scan# 1391

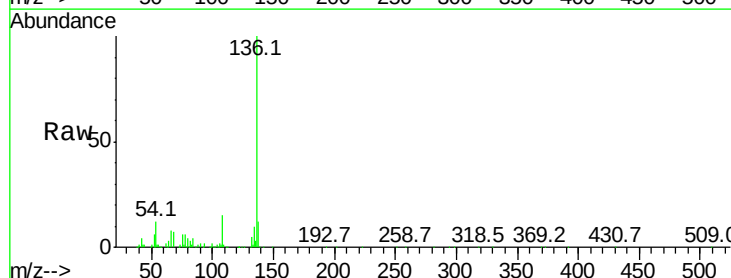
Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

Tgt Ion: 136 Resp: 219821

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	11.9	9.3	13.9
68	6.5	5.1	7.7



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

150000

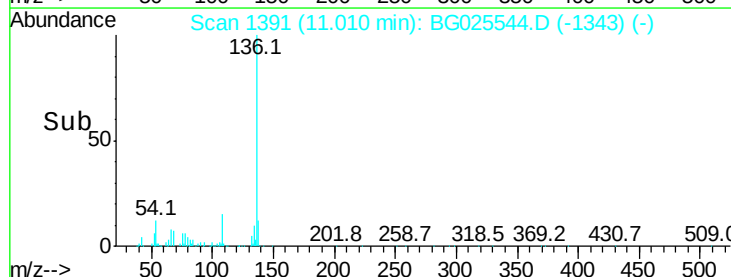
100000

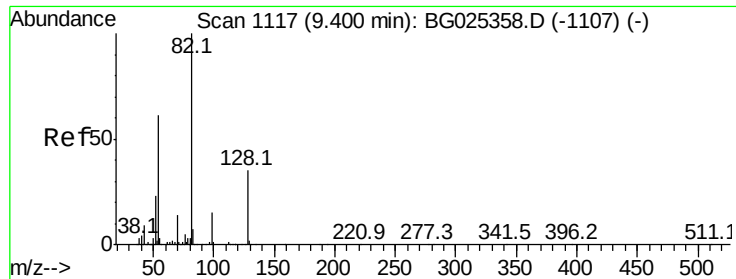
50000

0

10.90 11.01 11.10

Time-->

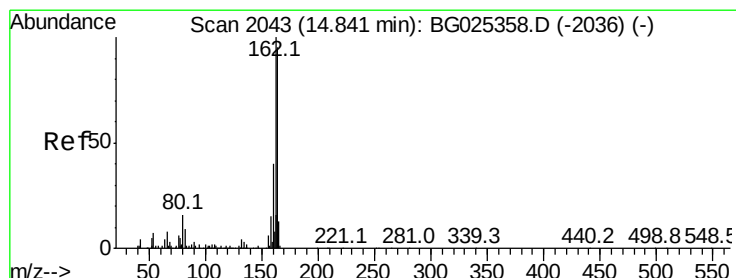
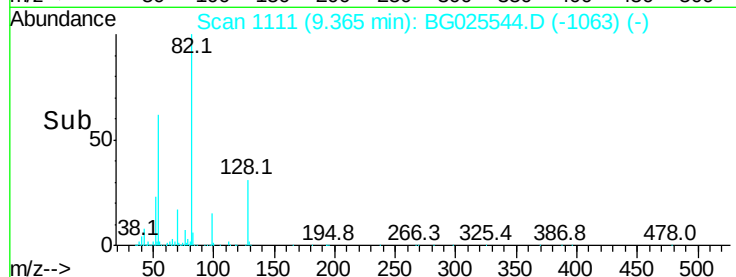
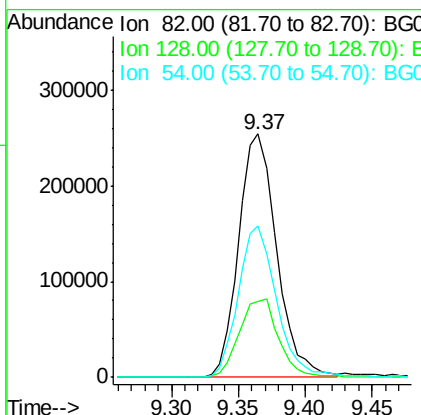
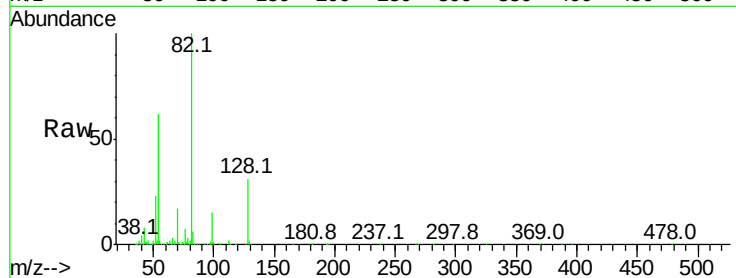




#23
 Nitrobenzene-d5
 Concen: 100.86 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BG025544.D
 Acq: 20 Jan 2017 18:42

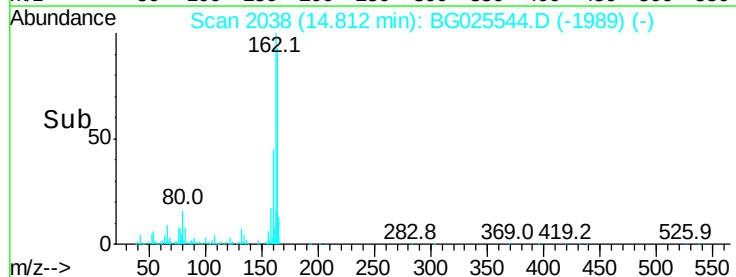
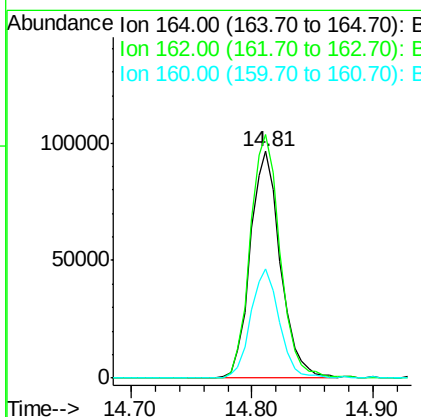
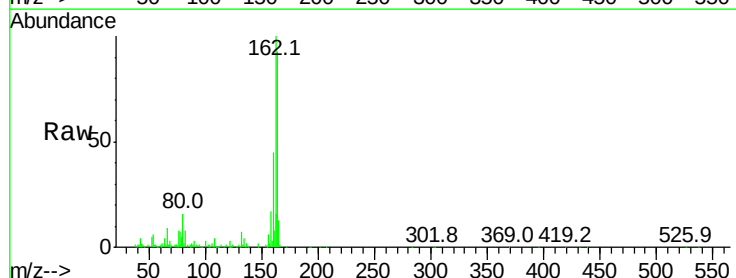
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-15-41-COMP

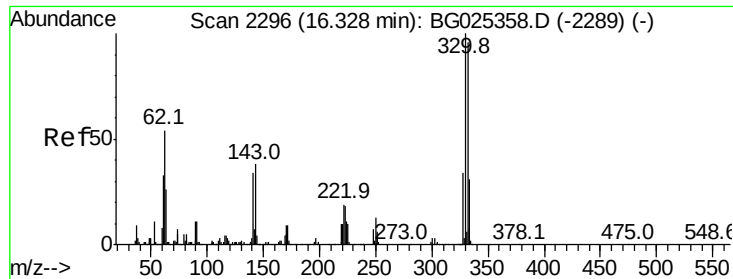
Tot Ion	82	Resp	501858
Ion Ratio	Lower	Upper	
82	100		
128	31.1	26.4	39.6
54	62.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BG025544.D
 Acq: 20 Jan 2017 18:42

Tgt Ion	164	Resp	167593
Ion Ratio	Lower	Upper	
164	100		
162	107.4	85.1	127.7
160	47.9	34.7	52.1

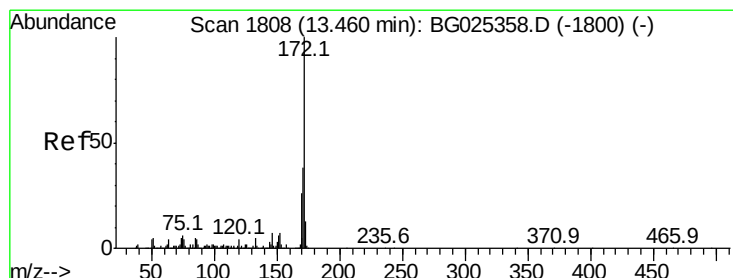
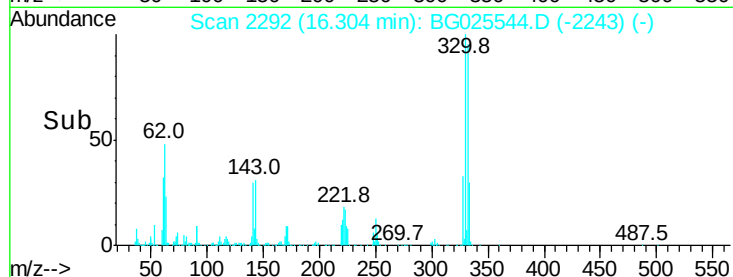
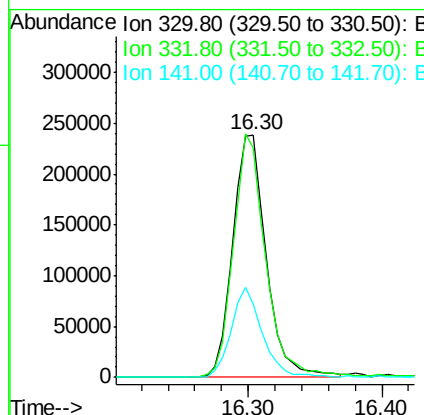
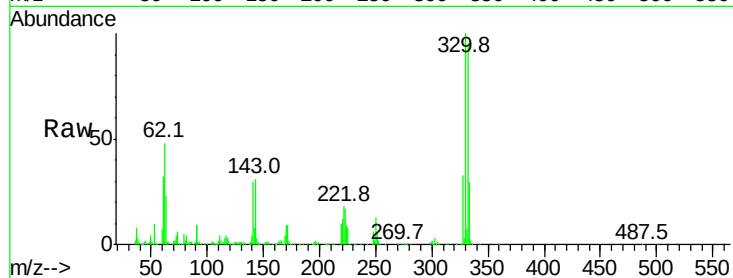




#41
2,4,6-Tribromophenol
Concen: 154.33 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

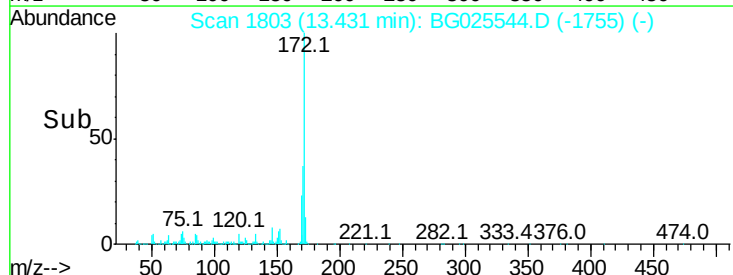
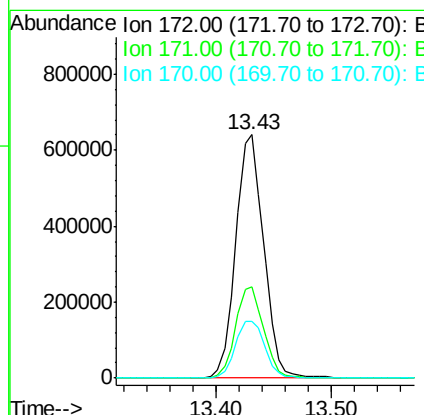
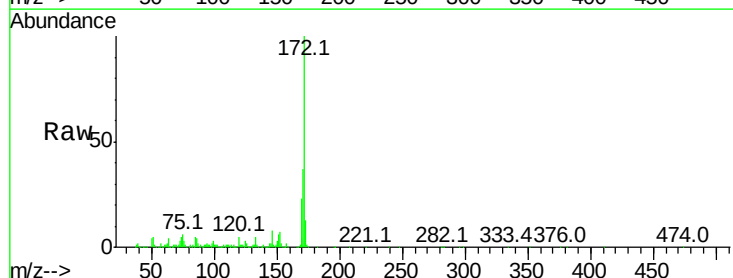
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15-41-COMP

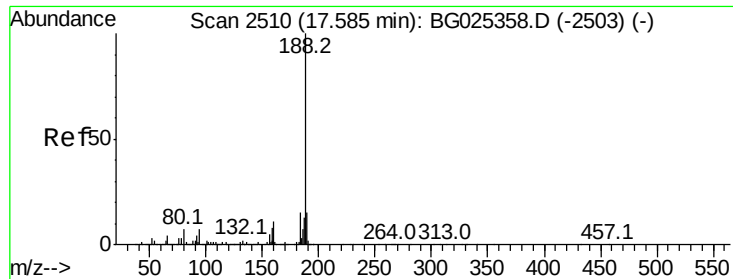
Tot Ion:330 Resp: 416398
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.6 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 103.59 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025544.D
Acq: 20 Jan 2017 18:42

Tgt Ion:172 Resp: 1072335
Ion Ratio Lower Upper
172 100
171 37.3 32.2 48.2
170 23.5 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-15-41-COMP

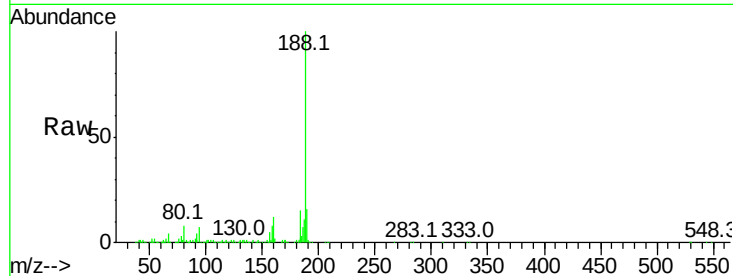
Tot Ion:188 Resp: 409527

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

80 8.0 7.5 11.3

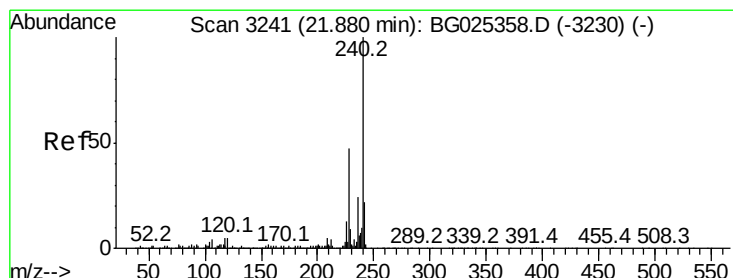
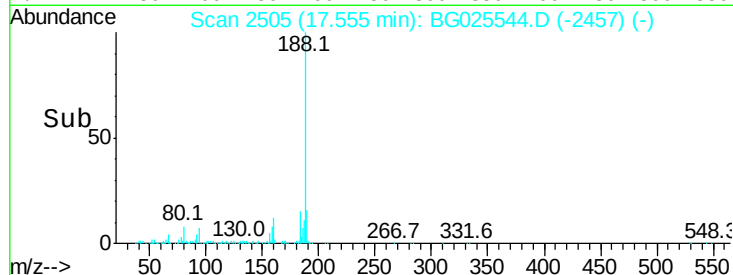
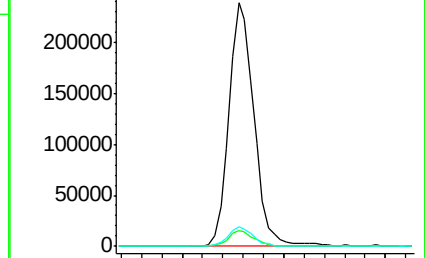


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.56



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

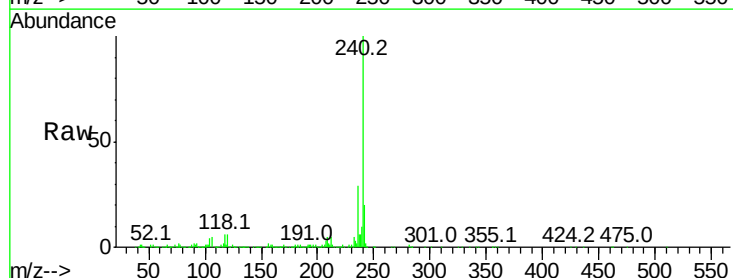
Tgt Ion:240 Resp: 658787

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

236 29.4 22.2 33.4

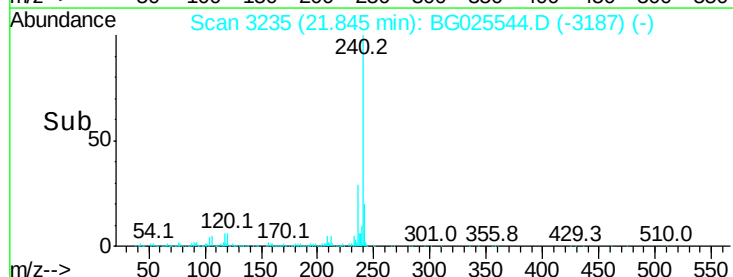
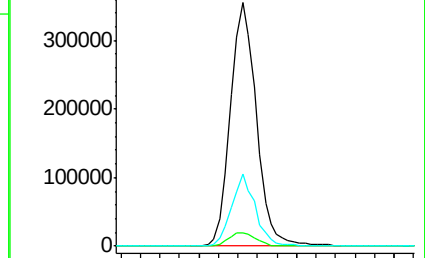


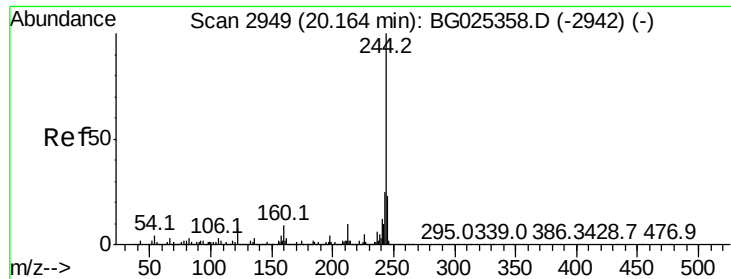
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.84





#78

Terphenyl-d14

Concen: 94.17 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

Instrument :

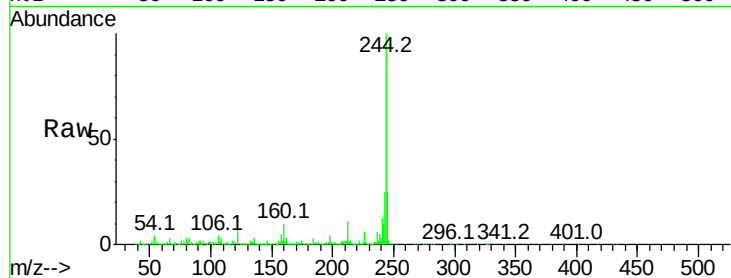
BNA_G

ClientSampleId :

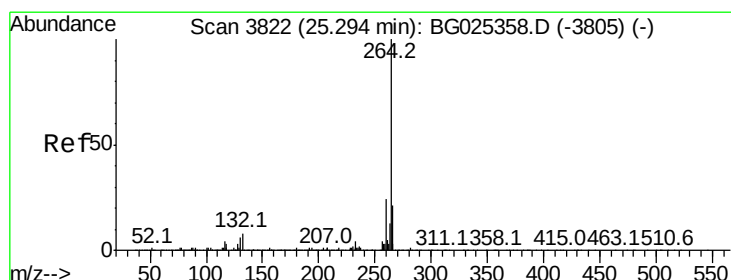
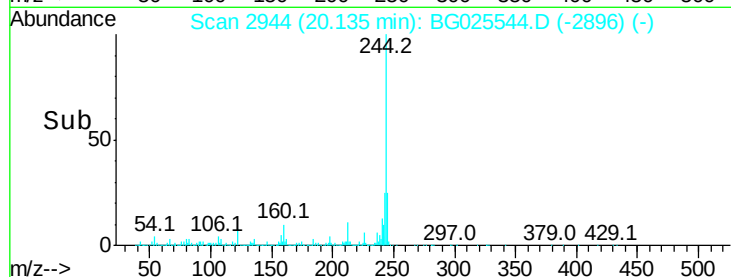
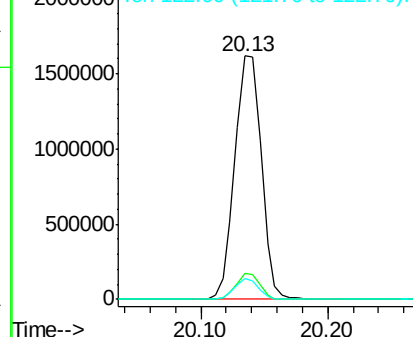
ROLL-OFF-15-41-COMP

Tot Ion:244 Resp: 2339918

Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.0	15.0
122	8.3	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: 25.23 min Scan# 3812

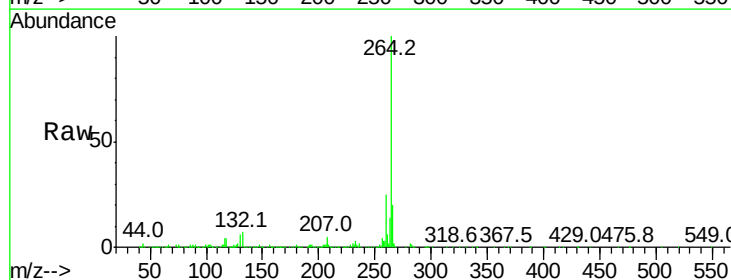
Delta R.T. -0.03 min

Lab File: BG025544.D

Acq: 20 Jan 2017 18:42

Tgt Ion:264 Resp: 694078

Ion	Ratio	Lower	Upper
264	100		
260	25.0	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

