

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025460.D
 Acq On : 10 Jan 2017 20:22
 Operator : UM/SJ
 Sample : I1078-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-0-2-COMP

Quant Time: Jan 10 23:16:41 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	8.20	152	61895	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	230962	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	184713	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	429626	20.00	ng	0.00
75) Chrysene-d12	21.86	240	653979	20.00	ng	0.00
86) Perylene-d12	25.26	264	686806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	533435	156.65	ng	0.00
7) Phenol-d6	7.36	99	669780	139.66	ng	0.00
23) Nitrobenzene-d5	9.38	82	586947	112.27	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	482669	162.31	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1221820	107.09	ng	0.00
78) Terphenyl-d14	20.15	244	2503345	101.49	ng	0.00

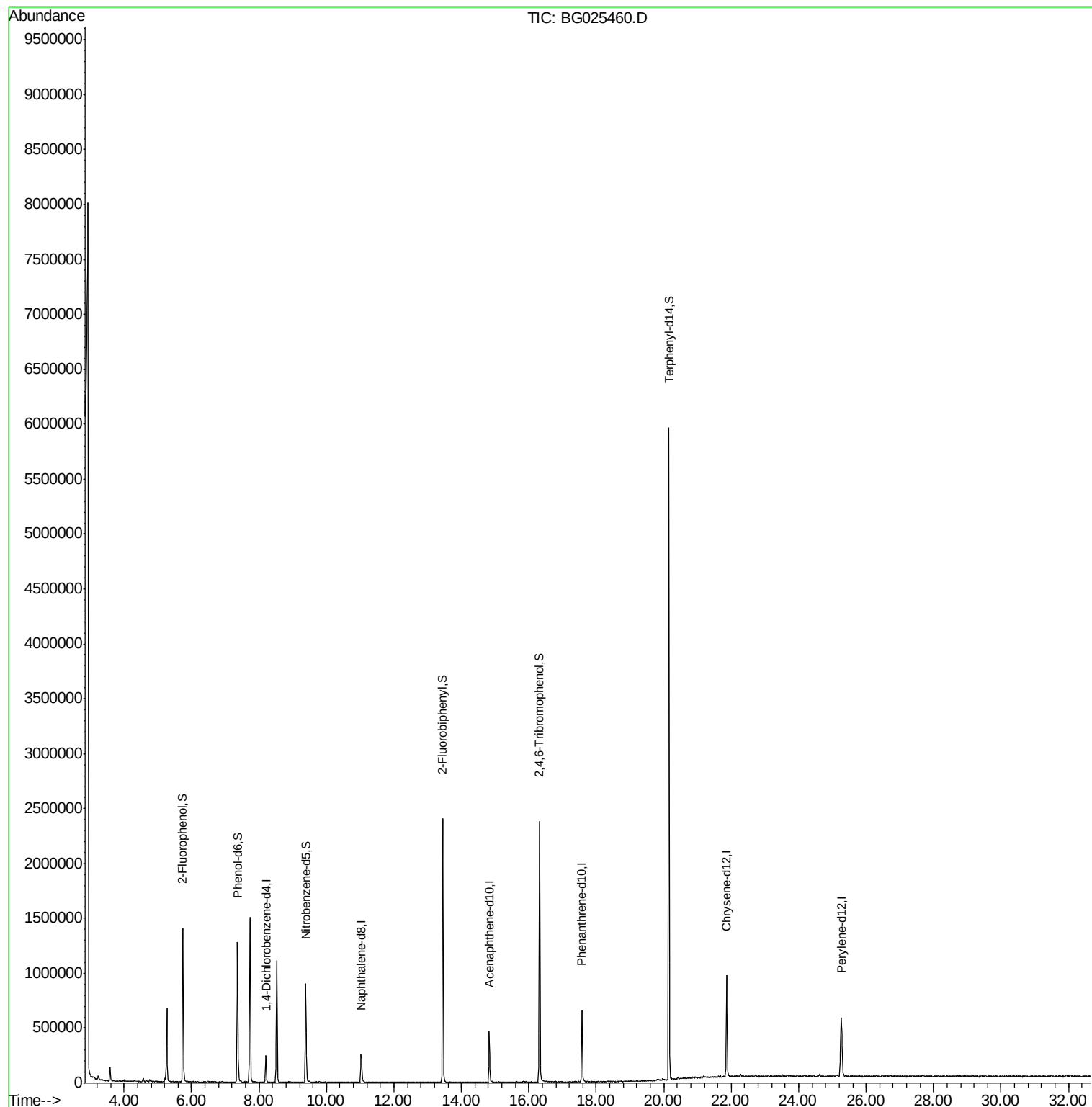
Target Compounds	Qvalue
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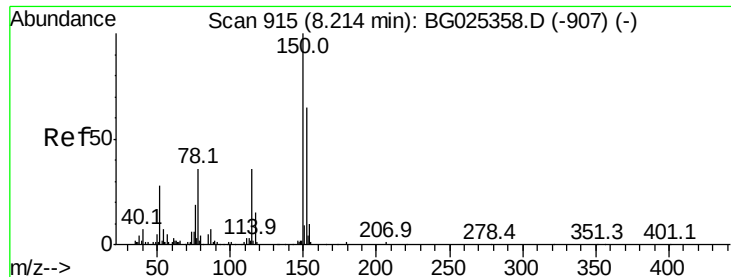
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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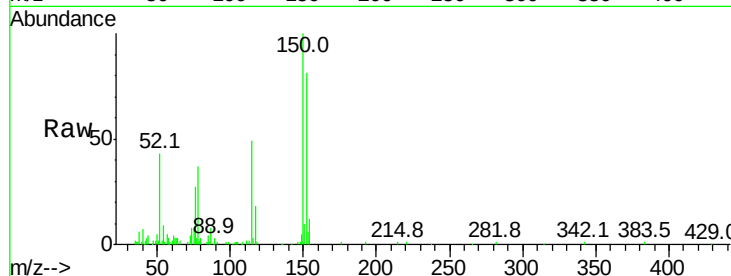


#1

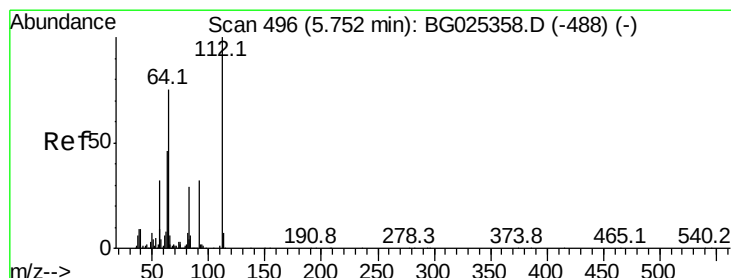
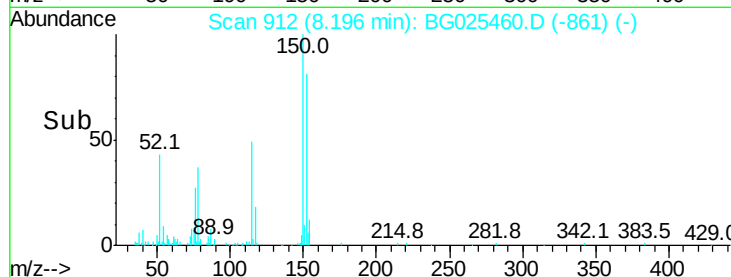
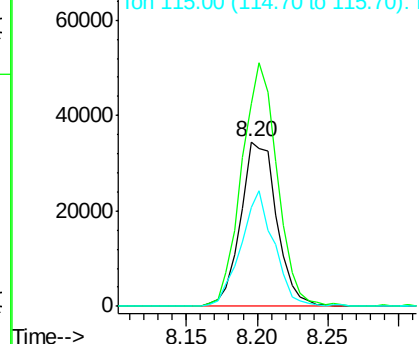
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG025460.D
Acq: 10 Jan 2017 20:22

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	123.2	114.0	171.0
115	60.0	48.1	72.1



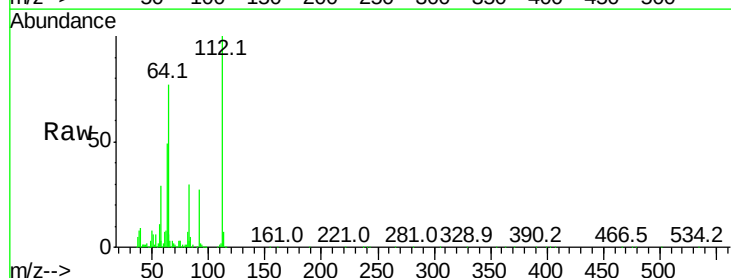
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



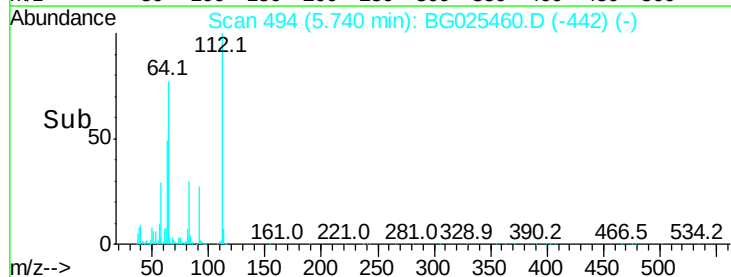
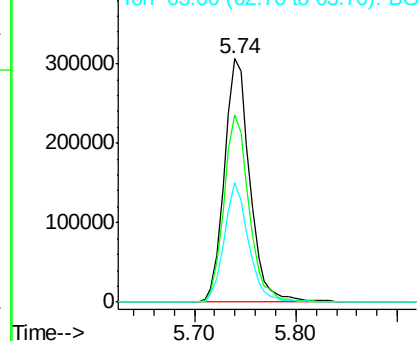
#5

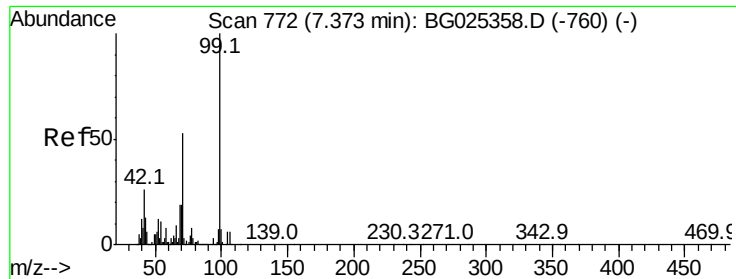
2-Fluorophenol
Concen: 156.65 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025460.D
Acq: 10 Jan 2017 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.8	61.8	92.6
63	49.1	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: 139.66 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025460.D

Acq: 10 Jan 2017 20:22

Instrument :

BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMP

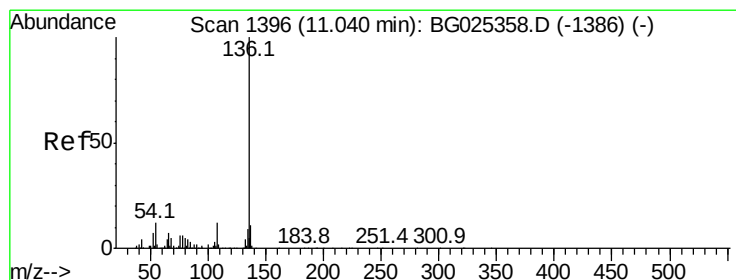
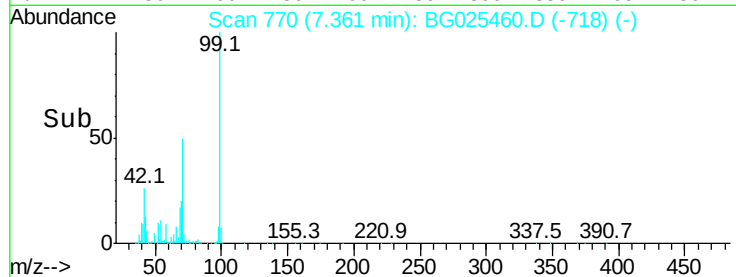
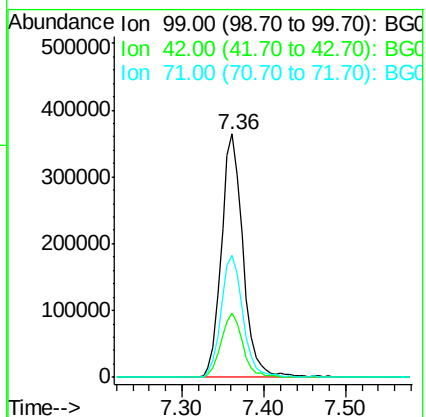
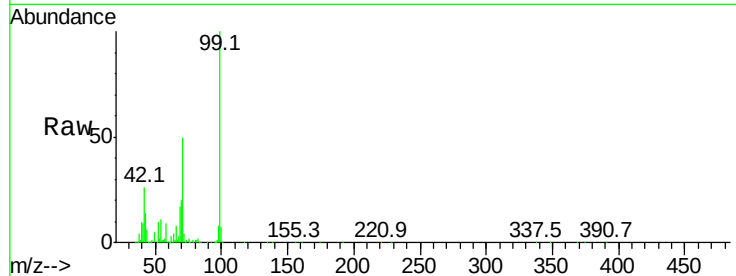
Tot Ion: 99 Resp: 669780

Ion Ratio Lower Upper

99 100

42 26.5 20.5 30.7

71 50.3 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG025460.D

Acq: 10 Jan 2017 20:22

Tgt Ion: 136 Resp: 230962

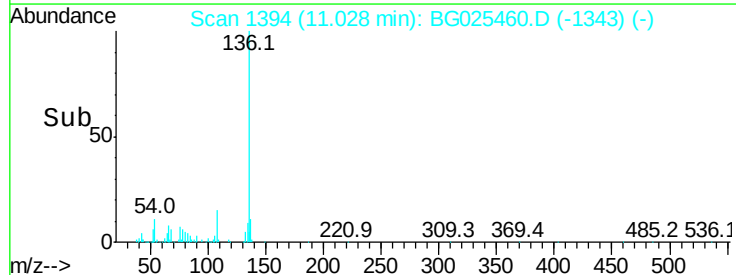
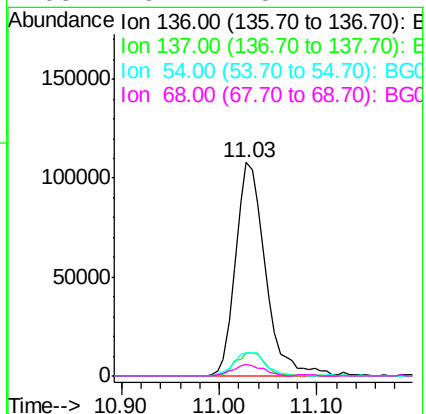
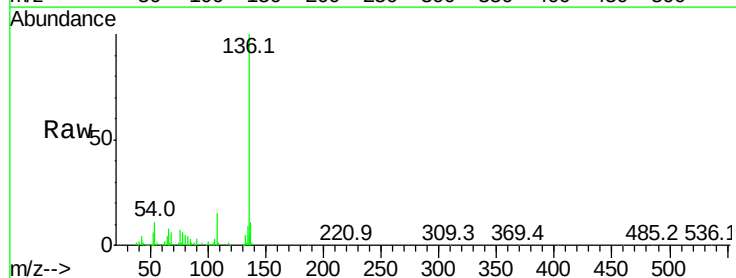
Ion Ratio Lower Upper

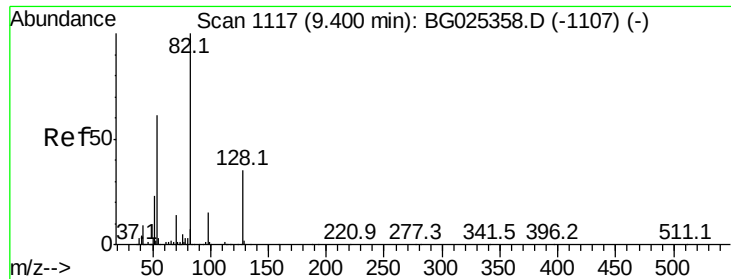
136 100

137 11.0 8.9 13.3

54 11.1 9.3 13.9

68 5.7 5.1 7.7

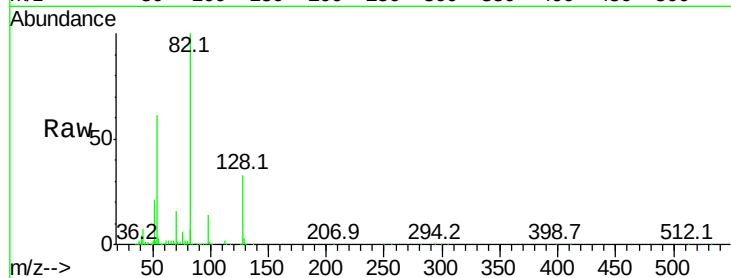




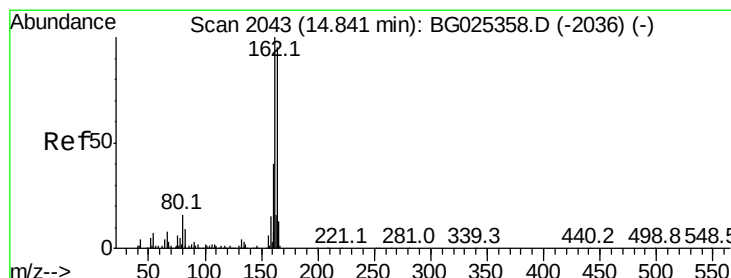
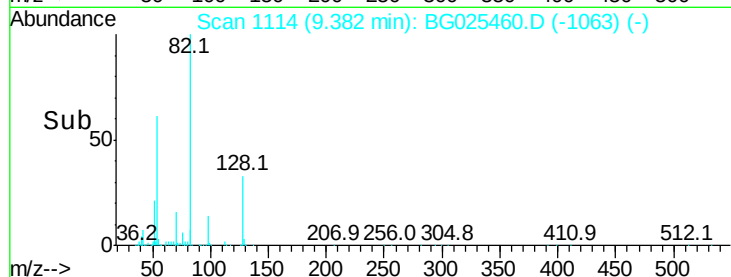
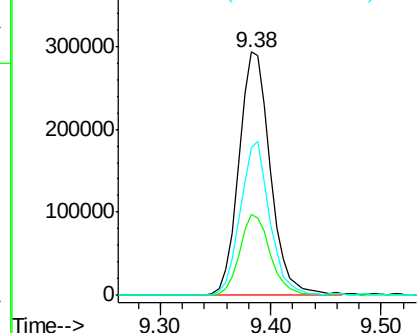
#23
Nitrobenzene-d5
Concen: 112.27 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025460.D
Acq: 10 Jan 2017 20:22

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.4	26.4	39.6
54	60.5	49.4	74.2

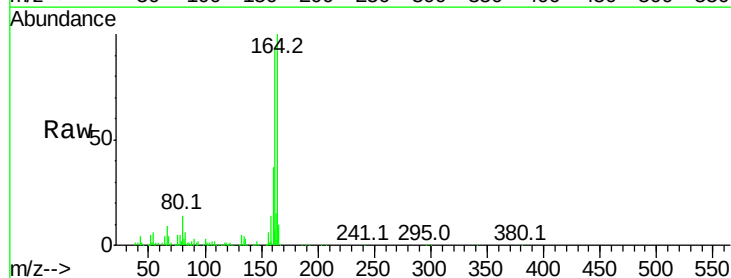


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

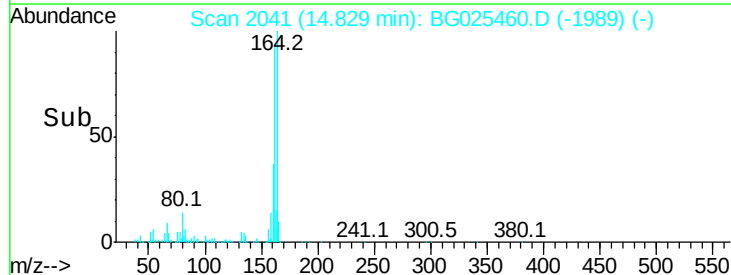
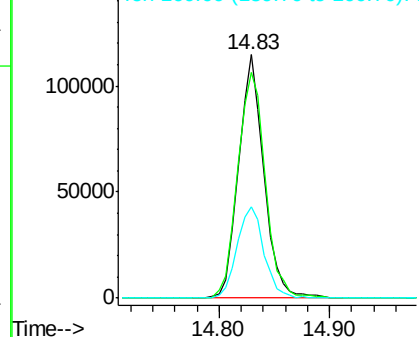


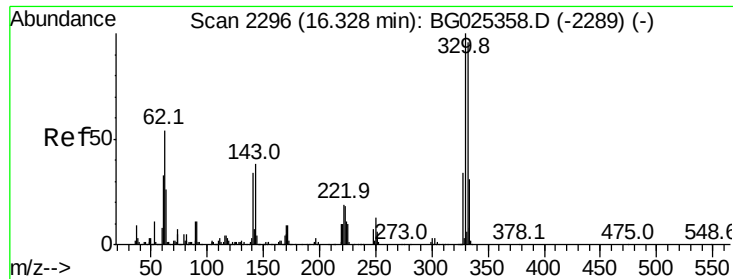
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG025460.D
Acq: 10 Jan 2017 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.6	85.1	127.7
160	37.4	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

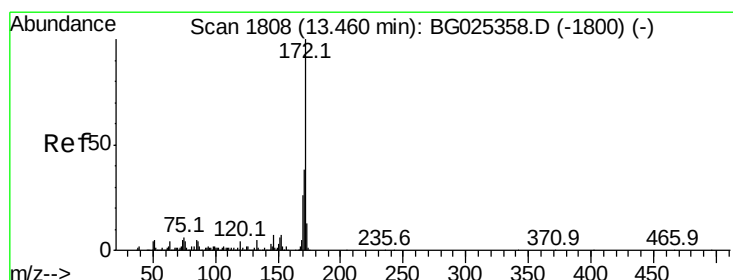
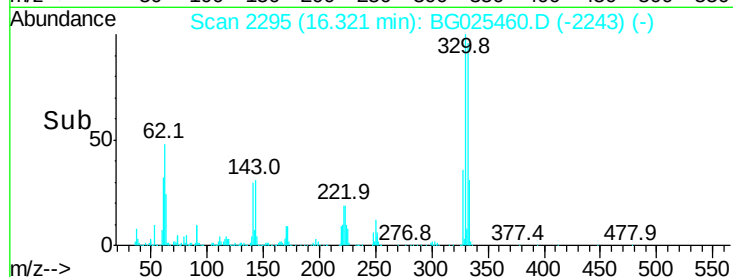
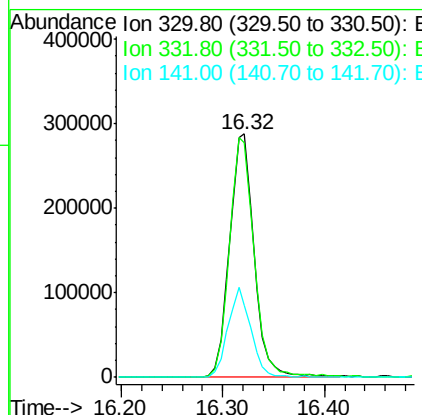
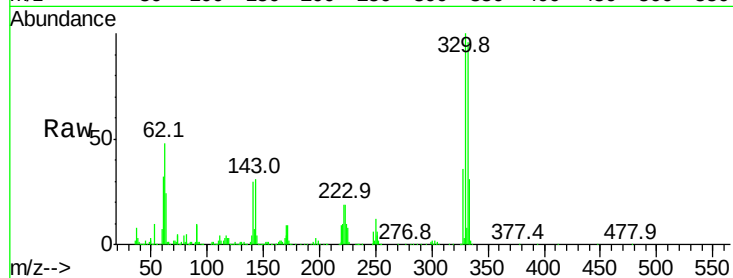




#41
2,4,6-Tribromophenol
Concen: 162.31 ng
RT: 16.32 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG025460.D
Acq: 10 Jan 2017 20:22

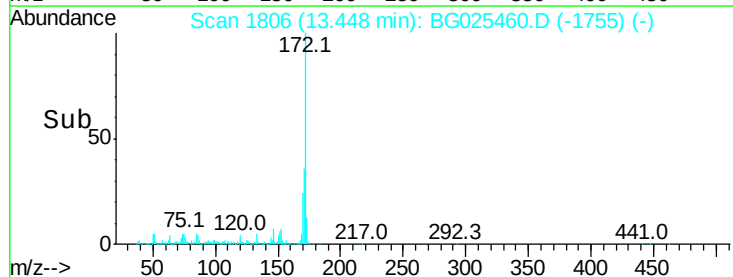
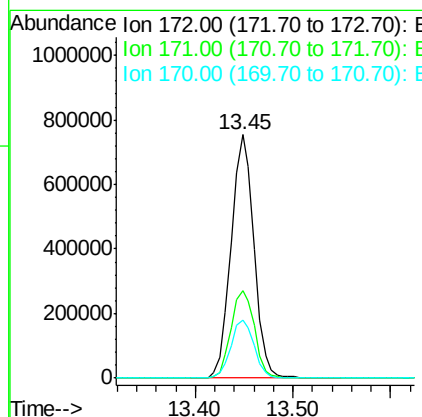
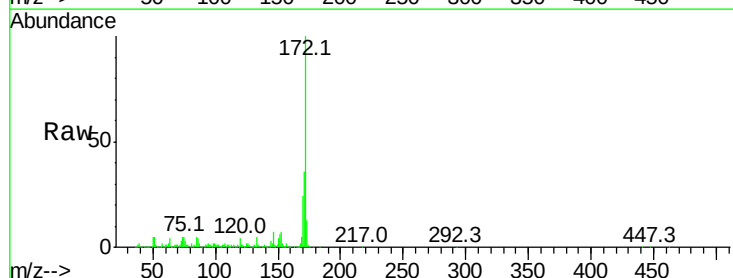
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMP

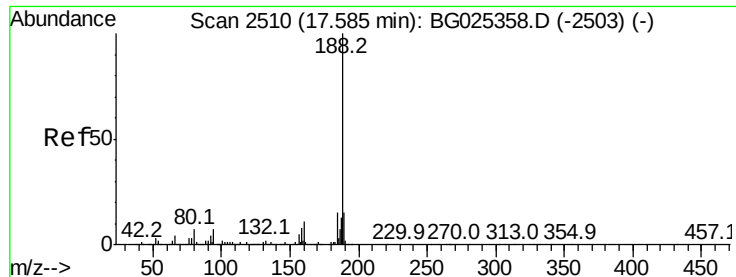
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	34.3	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 107.09 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG025460.D
Acq: 10 Jan 2017 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	32.2	48.2
170	23.9	21.8	32.6

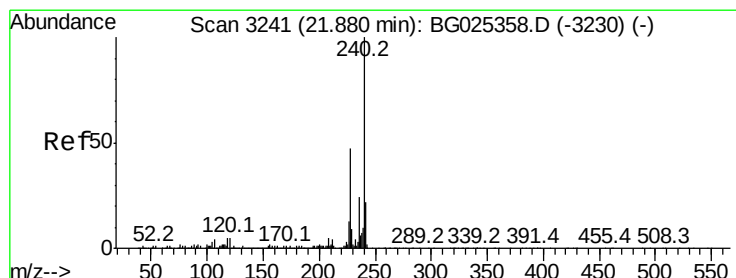
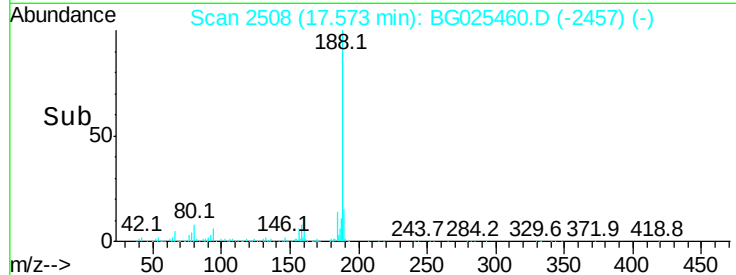
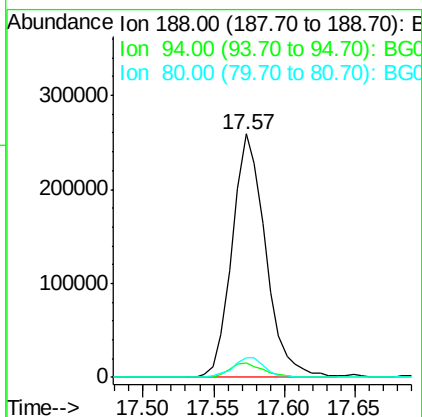
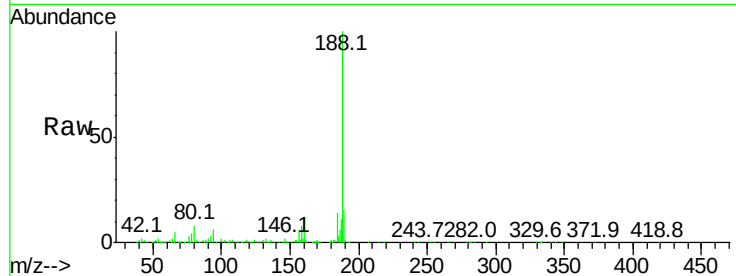




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: BG025460.D
 Acq: 10 Jan 2017 20:22

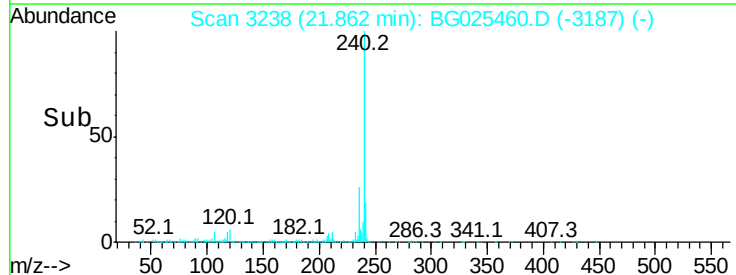
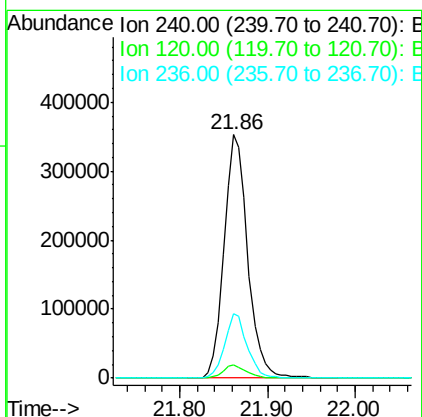
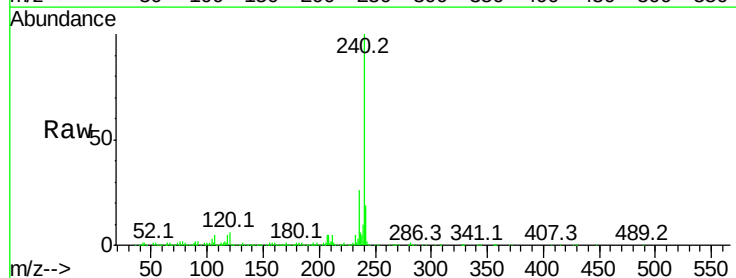
Instrument :
 BNA_G
 ClientSampleId :
 ROLL-OFF-0-2-COMP

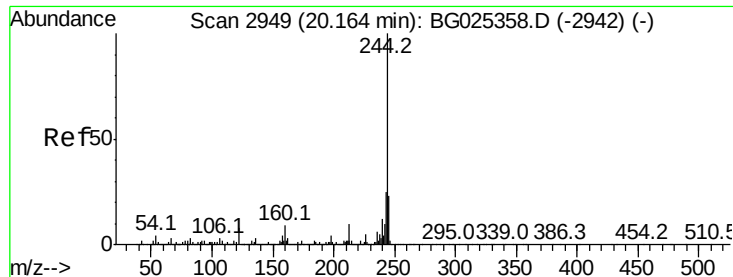
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.8	8.8
80	8.1	7.5	11.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: BG025460.D
 Acq: 10 Jan 2017 20:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	26.4	22.2	33.4





#78

Terphenyl-d14

Concen: 101.49 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025460.D

Acq: 10 Jan 2017 20:22

Instrument :

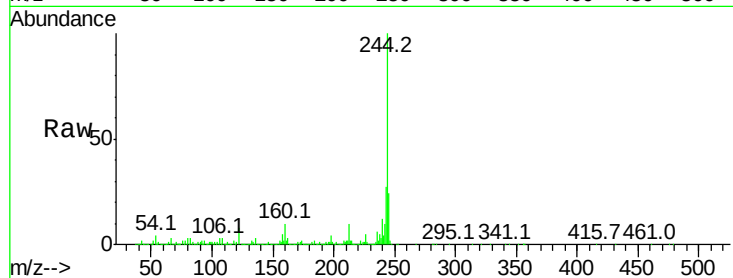
BNA_G

ClientSampleId :

ROLL-OFF-0-2-COMP

Tot Ion:244 Resp: 2503345

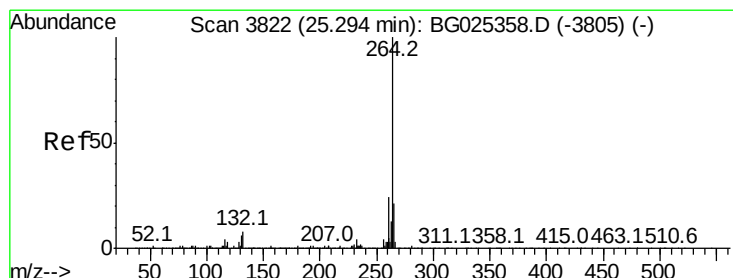
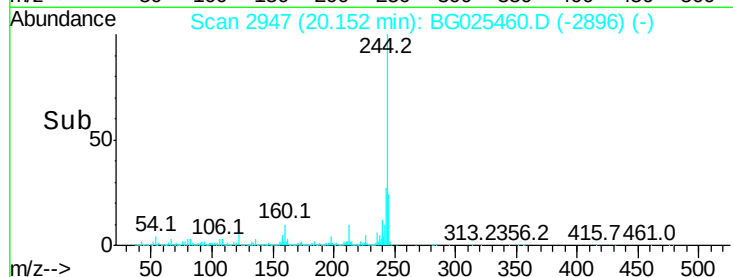
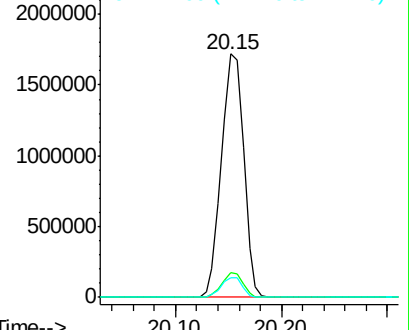
Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	7.9	8.6	12.8#



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: 25.26 min Scan# 3817

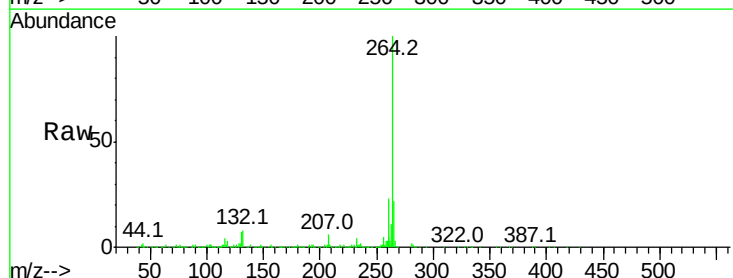
Delta R.T. -0.00 min

Lab File: BG025460.D

Acq: 10 Jan 2017 20:22

Tgt Ion:264 Resp: 686806

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	22.4	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

