

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025457.D
 Acq On : 10 Jan 2017 18:24
 Operator : UM/SJ
 Sample : PB95862BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BL

Quant Time: Jan 10 23:13:07 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	58392	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	223487	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	175669	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	414508	20.00	ng	0.00
75) Chrysene-d12	21.86	240	643723	20.00	ng	0.00
86) Perylene-d12	25.26	264	678962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	498076	155.04	ng	0.00
7) Phenol-d6	7.36	99	657493	145.32	ng	0.00
23) Nitrobenzene-d5	9.38	82	485982	96.06	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	410384	145.11	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1064160	98.07	ng	0.00
78) Terphenyl-d14	20.15	244	2199545	90.60	ng	0.00

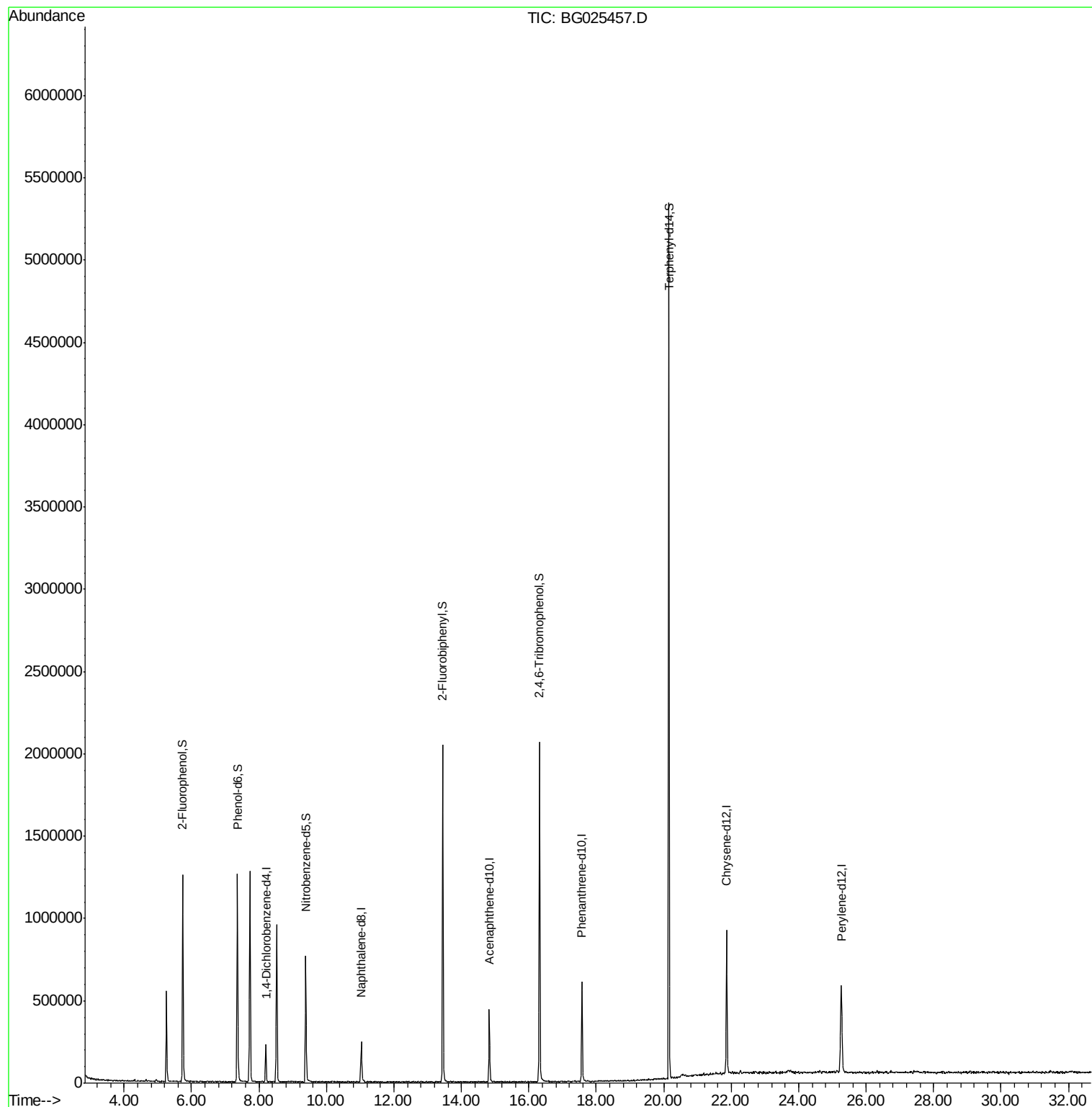
Target Compounds Qvalue

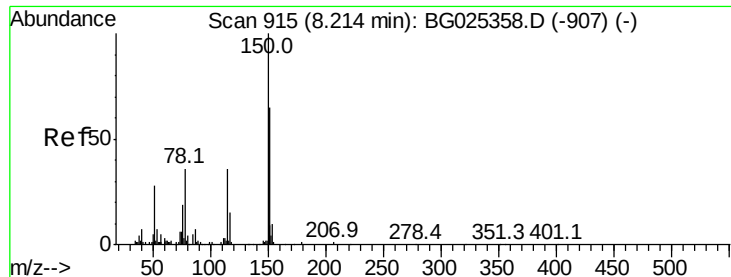
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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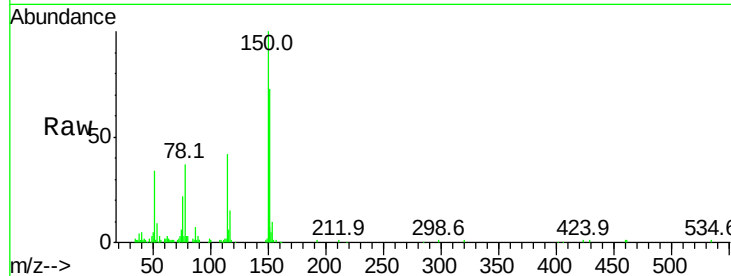


#1

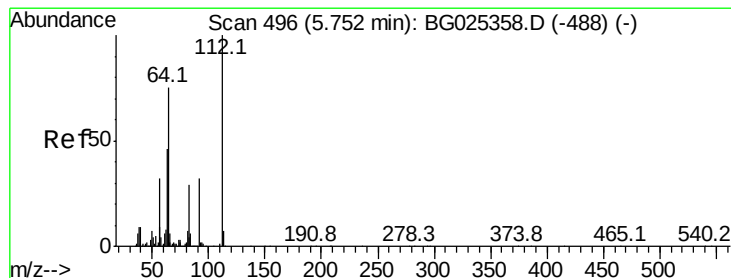
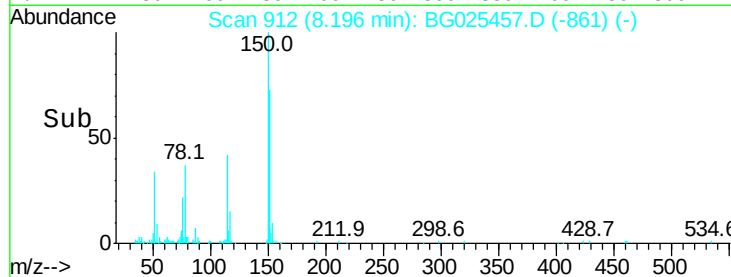
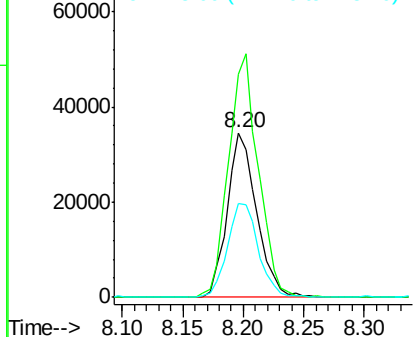
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

Instrument :
BNA_G
ClientSampleId :
PB95862BL

Tot Ion:152 Resp: 58392
Ion Ratio Lower Upper
152 100
150 136.1 114.0 171.0
115 57.2 48.1 72.1



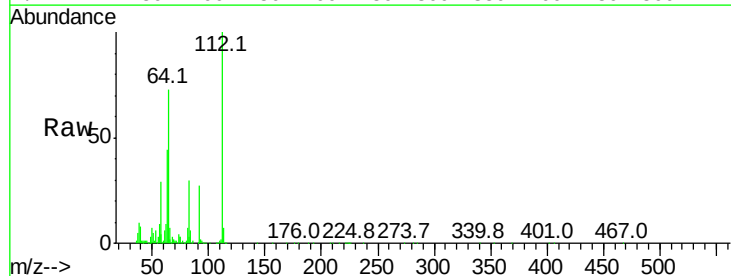
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



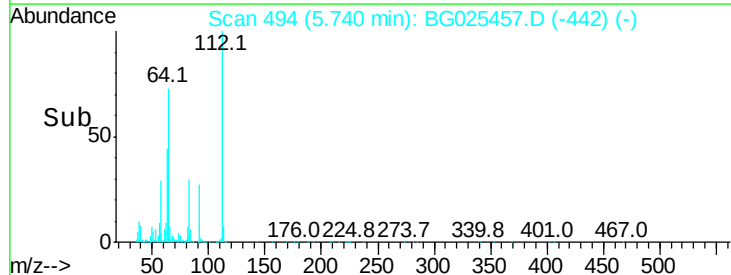
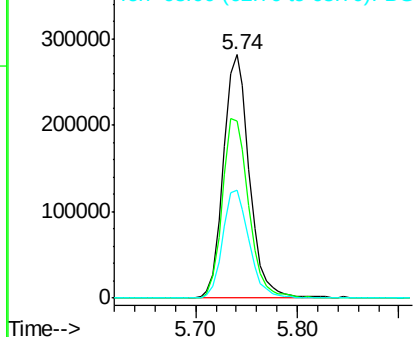
#5

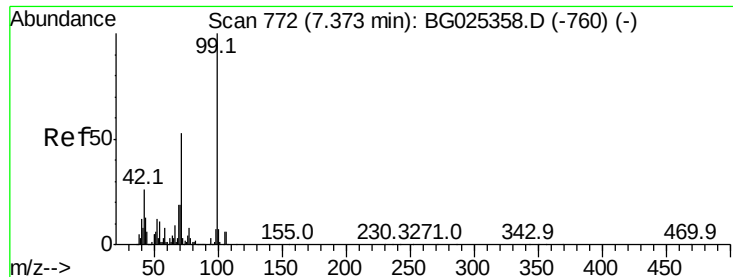
2-Fluorophenol
Concen: 155.04 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

Tgt Ion:112 Resp: 498076
Ion Ratio Lower Upper
112 100
64 72.8 61.8 92.6
63 44.3 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: 145.32 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025457.D

Acq: 10 Jan 2017 18:24

Instrument :

BNA_G

ClientSampleId :

PB95862BL

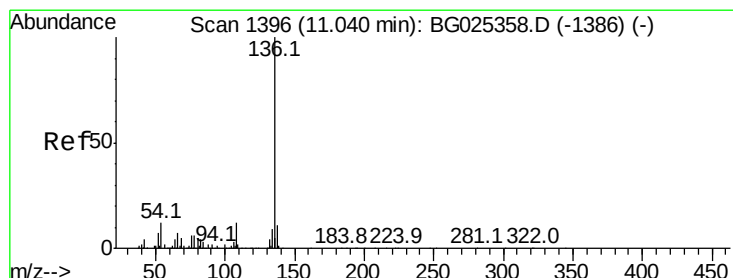
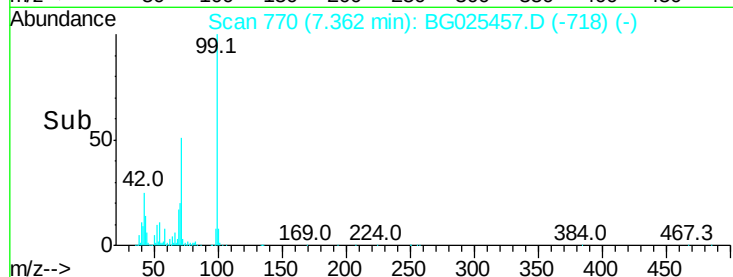
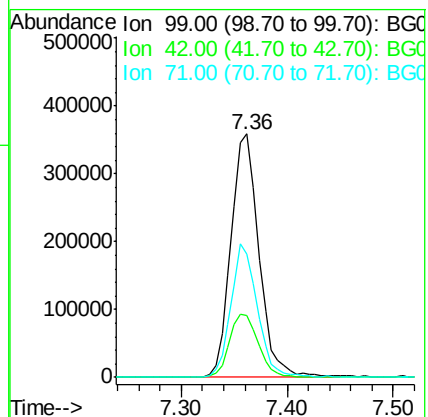
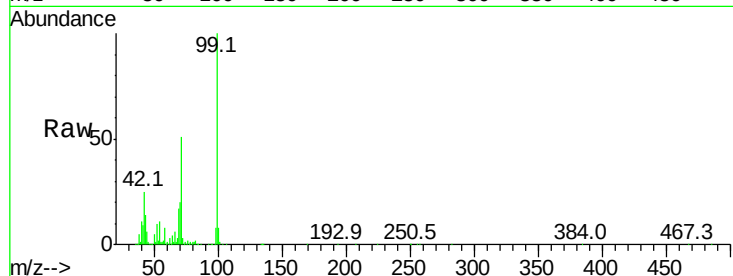
Tot Ion: 99 Resp: 657493

Ion Ratio Lower Upper

99 100

42 25.3 20.5 30.7

71 50.6 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: BG025457.D

Acq: 10 Jan 2017 18:24

Tgt Ion: 136 Resp: 223487

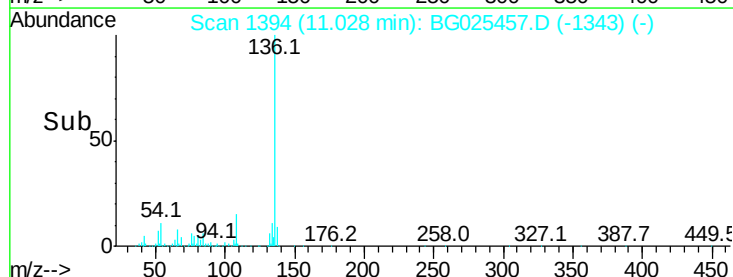
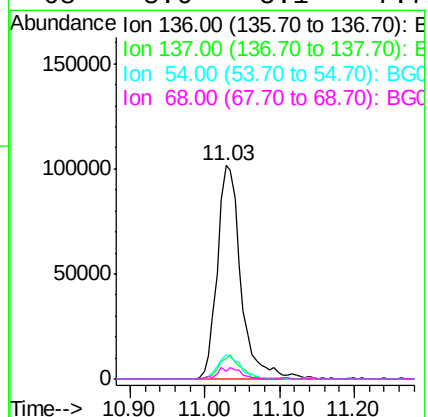
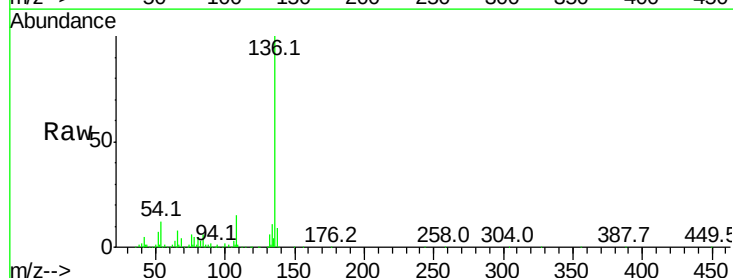
Ion Ratio Lower Upper

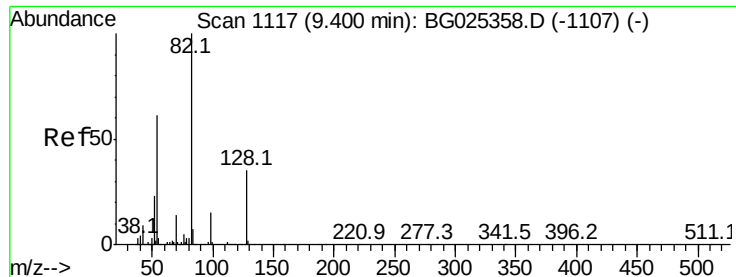
136 100

137 9.4 8.9 13.3

54 11.6 9.3 13.9

68 3.6 5.1 7.7#

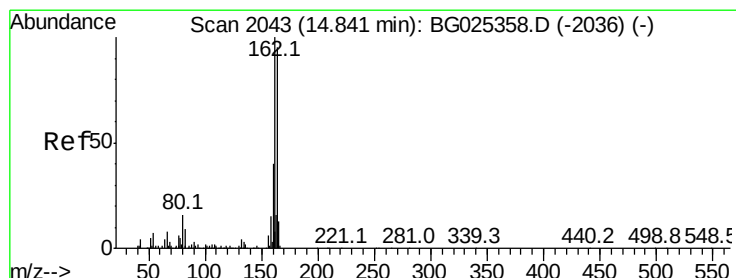
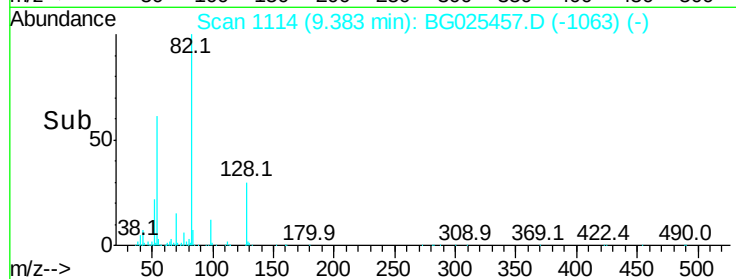
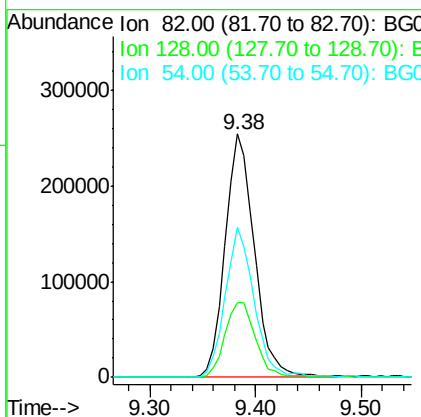
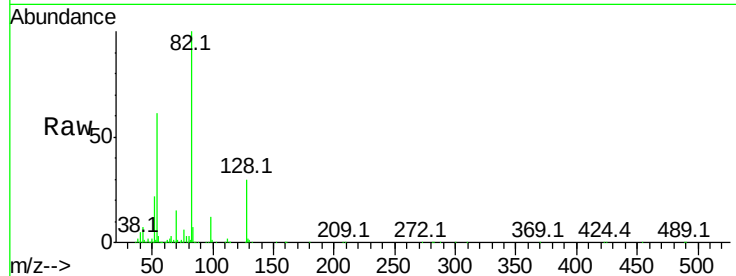




#23
 Nitrobenzene-d5
 Concen: 96.06 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG025457.D
 Acq: 10 Jan 2017 18:24

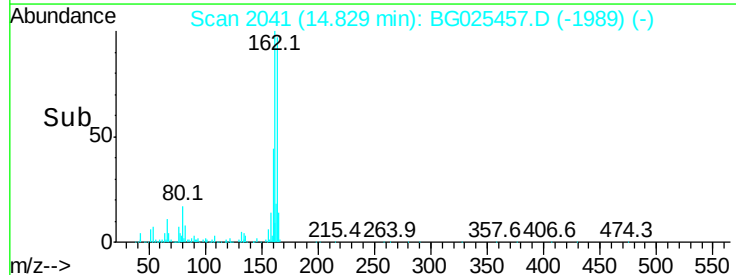
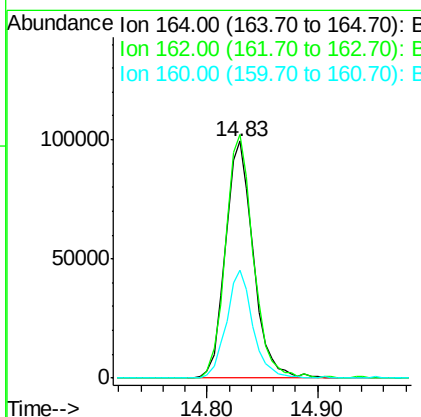
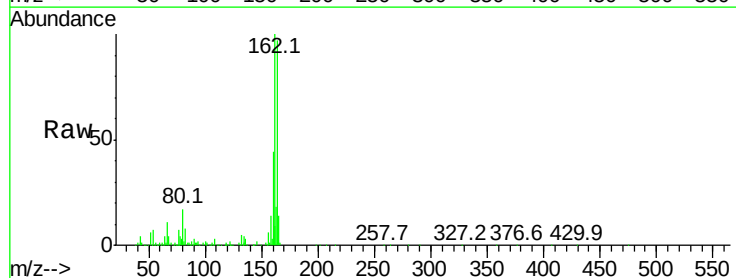
Instrument :
 BNA_G
 ClientSampleId :
 PB95862BL

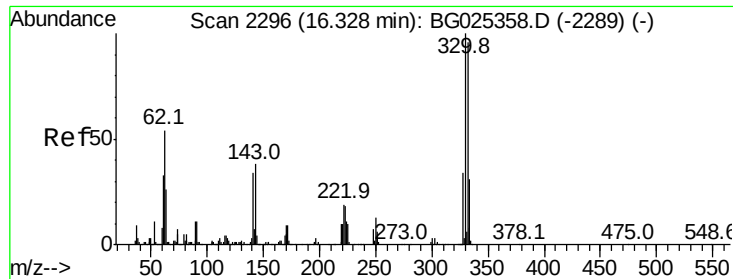
Tot Ion	82	Resp	485982
Ion Ratio	Lower	Upper	
82	100		
128	30.5	26.4	39.6
54	61.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BG025457.D
 Acq: 10 Jan 2017 18:24

Tgt Ion	164	Resp	175669
Ion Ratio	Lower	Upper	
164	100		
162	102.9	85.1	127.7
160	45.4	34.7	52.1

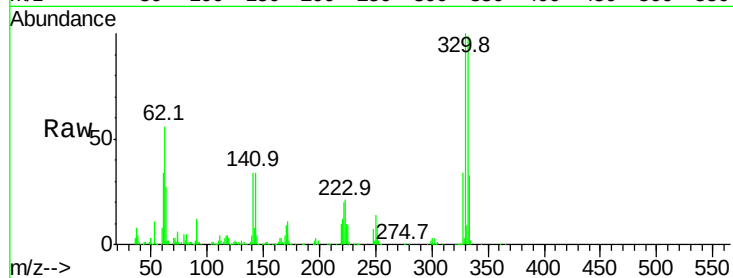




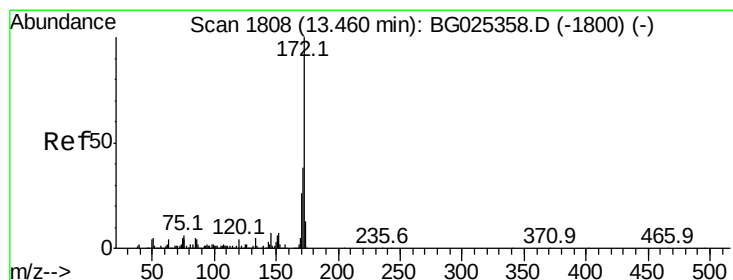
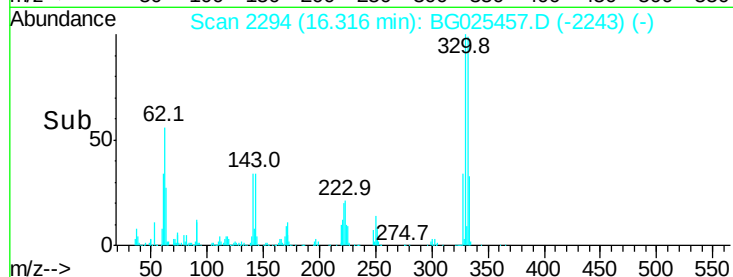
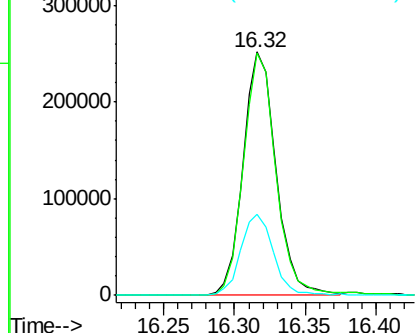
#41
 2,4,6-Tribromophenol
 Concen: 145.11 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025457.D
 Acq: 10 Jan 2017 18:24

Instrument :
 BNA_G
 ClientSampleId :
 PB95862BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.3	115.9
141	33.4	32.1	48.1

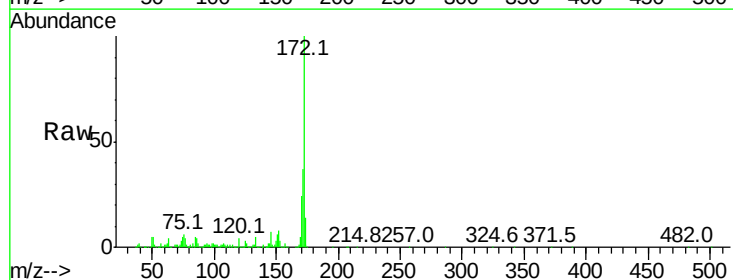


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

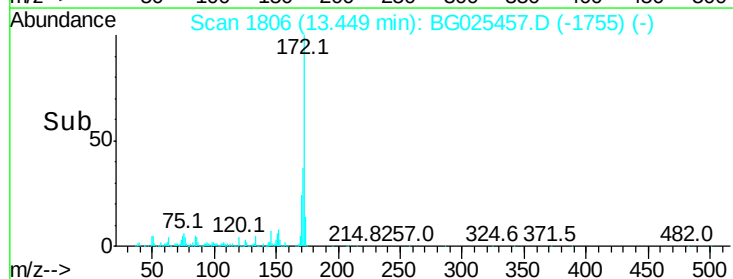
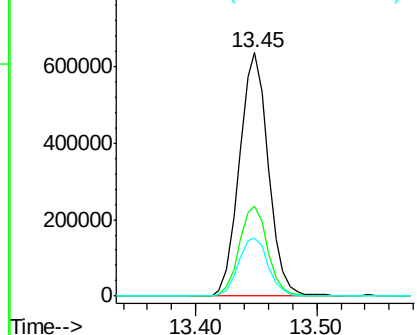


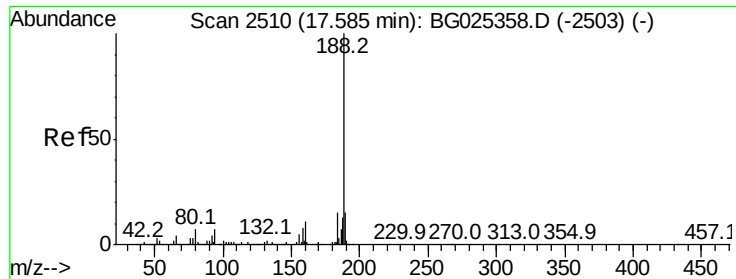
#44
 2-Fluorobiphenyl
 Concen: 98.07 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025457.D
 Acq: 10 Jan 2017 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	23.9	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

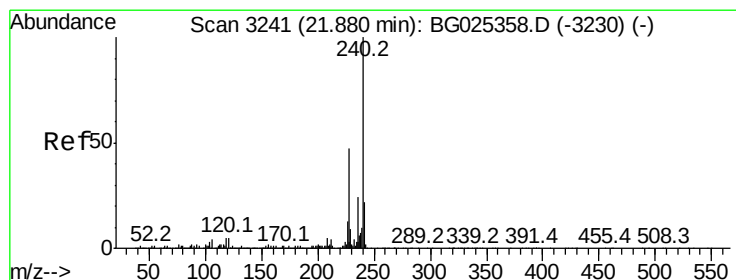
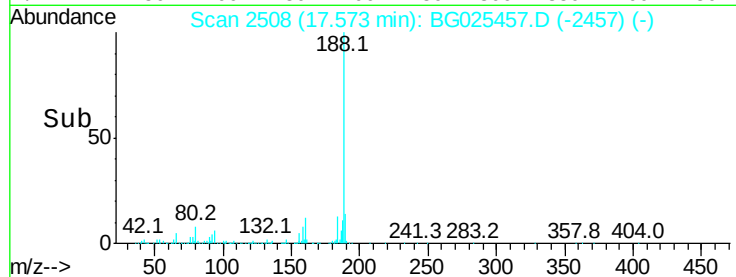
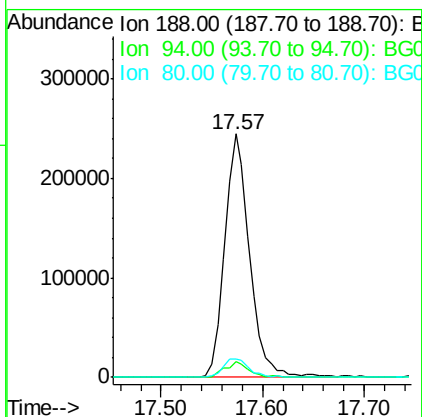
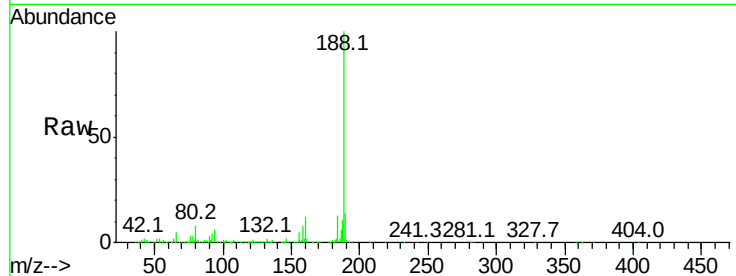




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

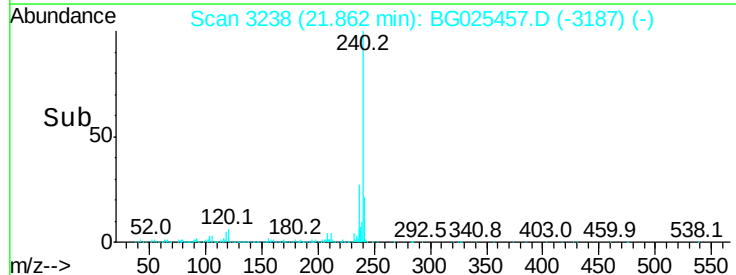
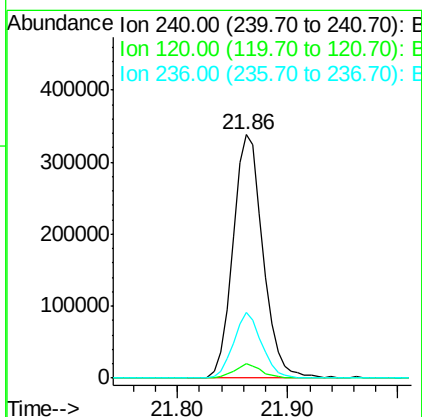
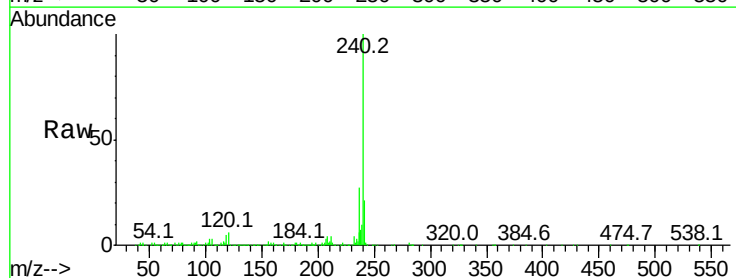
Instrument :
BNA_G
ClientSampleId :
PB95862BL

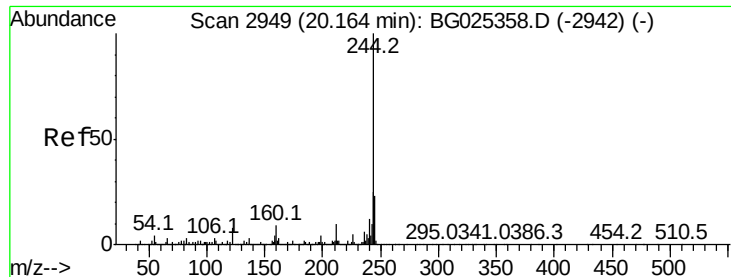
Tot Ion:188 Resp: 414508
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG025457.D
Acq: 10 Jan 2017 18:24

Tgt Ion:240 Resp: 643723
Ion Ratio Lower Upper
240 100
120 6.2 5.7 8.5
236 27.1 22.2 33.4





#78

Terphenyl-d14

Concen: 90.60 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025457.D

Acq: 10 Jan 2017 18:24

Instrument :

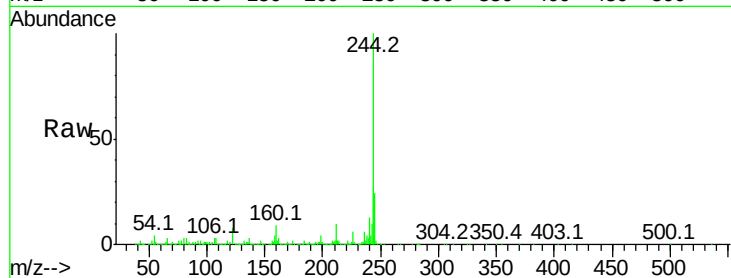
BNA_G

ClientSampleId :

PB95862BL

Tot Ion:244 Resp: 2199545

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

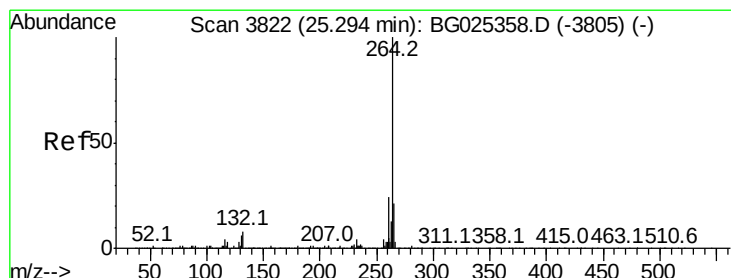
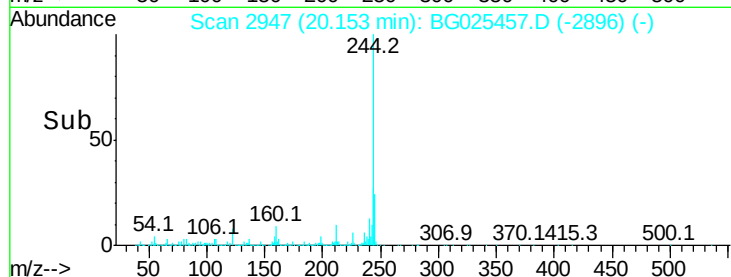
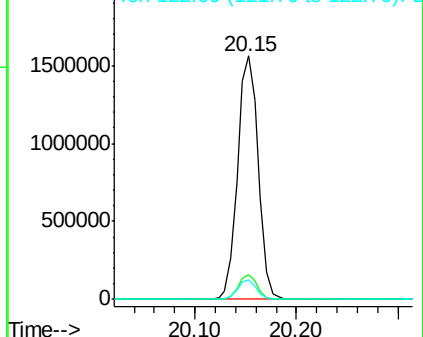


Abundance

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

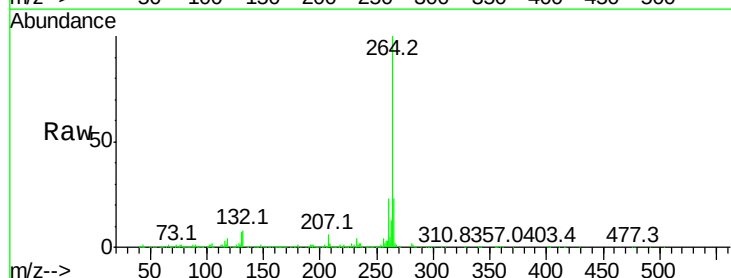
Delta R.T. -0.00 min

Lab File: BG025457.D

Acq: 10 Jan 2017 18:24

Tgt Ion:264 Resp: 678962

Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	22.9	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

