

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033394.D
 Acq On : 28 Mar 2018 20:13
 Operator : SJ/JU
 Sample : J2097-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

Quant Time: Mar 29 07:25:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	44318	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	186279	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	140813	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	328561	20.00	ng	0.00
75) Chrysene-d12	22.56	240	337206	20.00	ng	0.00
86) Perylene-d12	26.33	264	370939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	164390	69.55	ng	0.02
7) Phenol-d6	7.99	99	163168	40.18	ng	0.01
23) Nitrobenzene-d5	10.06	82	378197	93.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	275715	130.92	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	940023	96.37	ng	0.00
78) Terphenyl-d14	20.73	244	1414939	89.74	ng	0.00

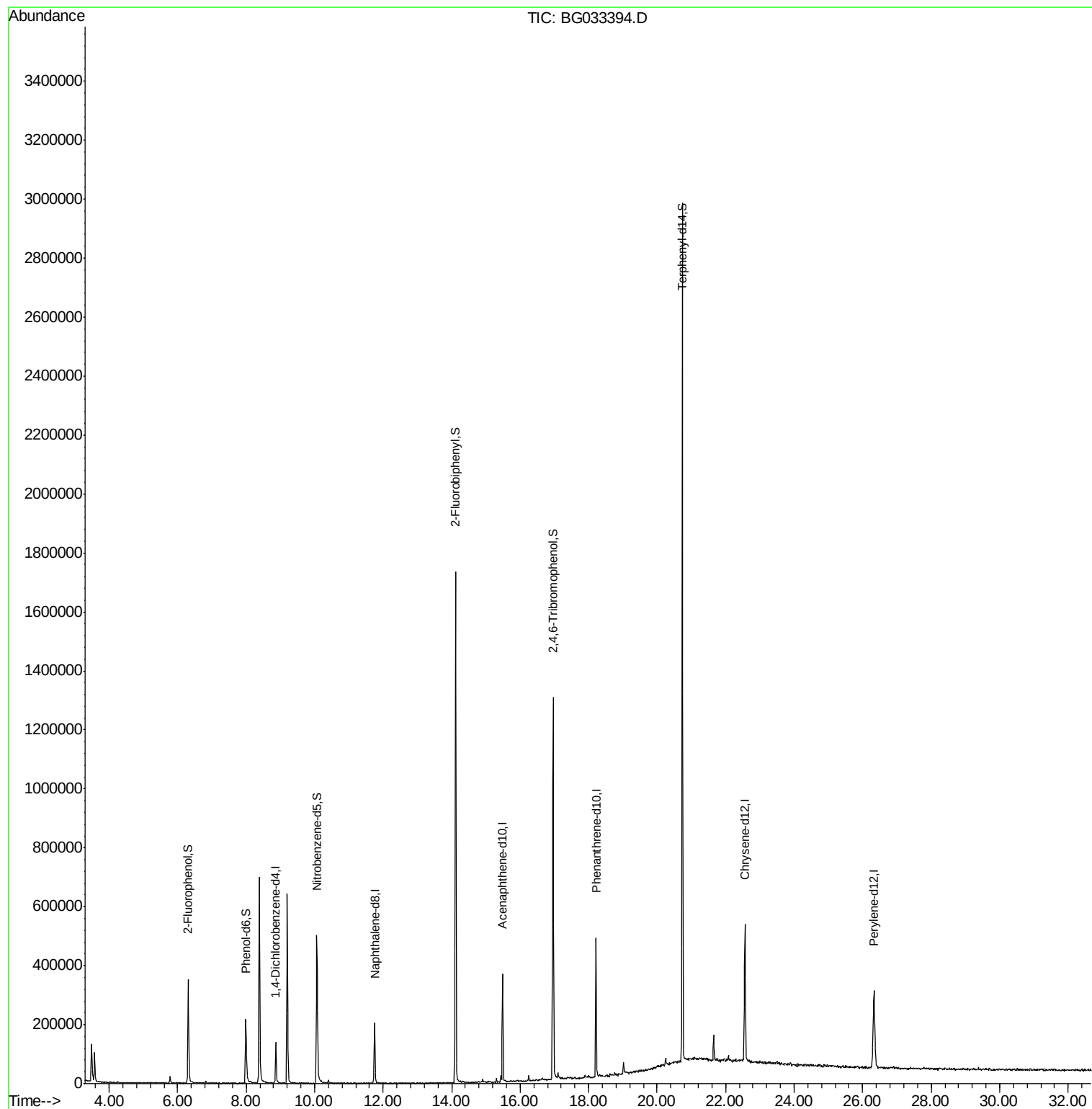
Target Compounds Qvalue

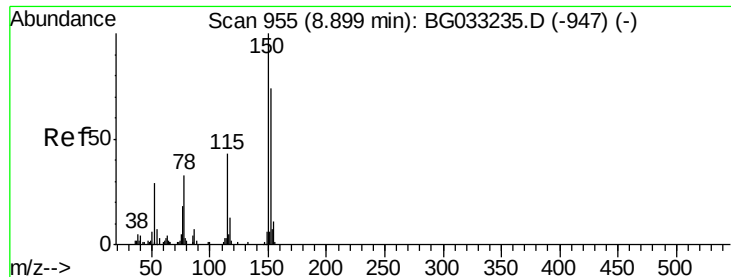
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033394.D

Acq: 28 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PZ-4

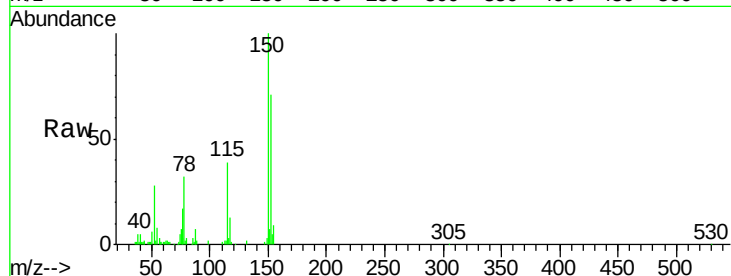
Tot Ion:152 Resp: 44318

Ion Ratio Lower Upper

152 100

150 141.1 126.6 189.8

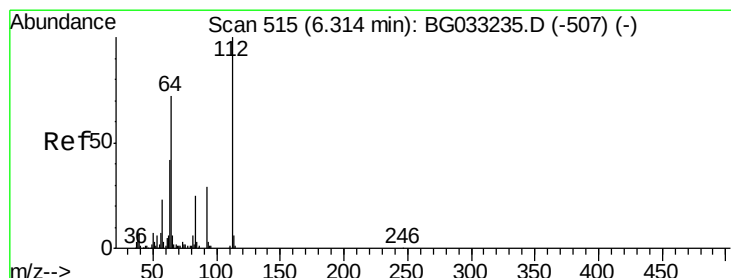
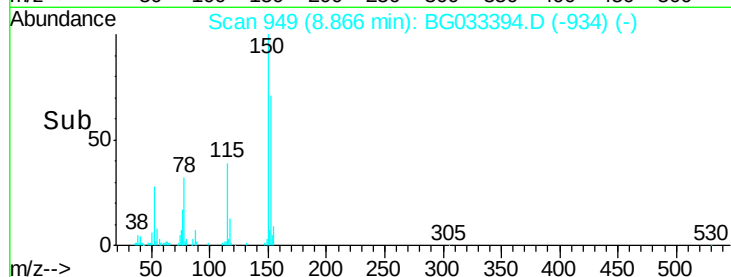
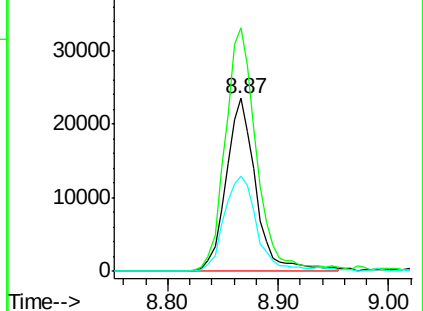
115 55.0 53.0 79.4



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: 69.554 ng

RT: 6.31 min Scan# 514

Delta R.T. 0.02 min

Lab File: BG033394.D

Acq: 28 Mar 2018 20:13

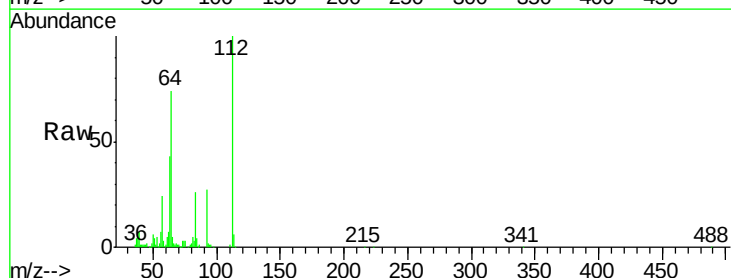
Tgt Ion:112 Resp: 164390

Ion Ratio Lower Upper

112 100

64 73.5 56.3 84.5

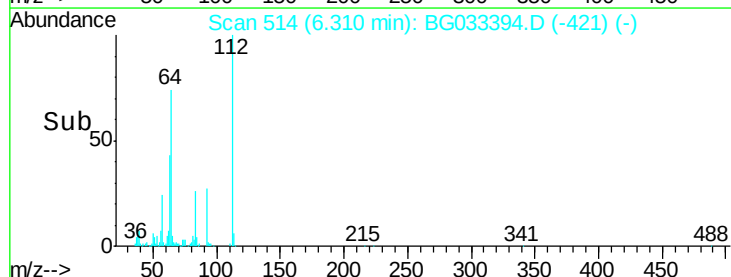
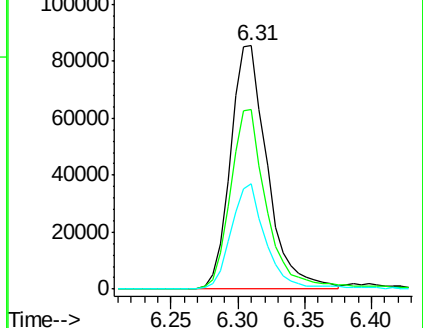
63 43.0 30.1 45.1

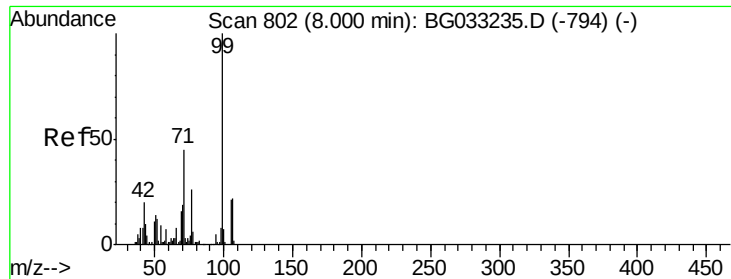


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 40.180 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033394.D

Acq: 28 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PZ-4

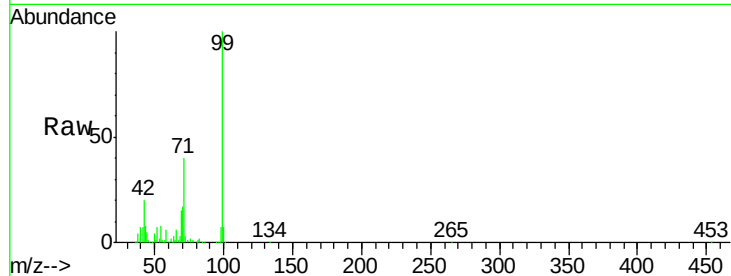
Tot Ion: 99 Resp: 163168

Ion Ratio Lower Upper

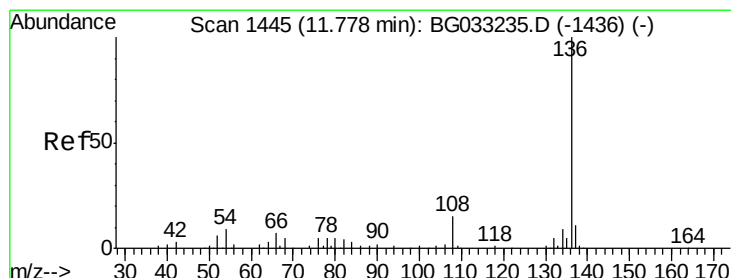
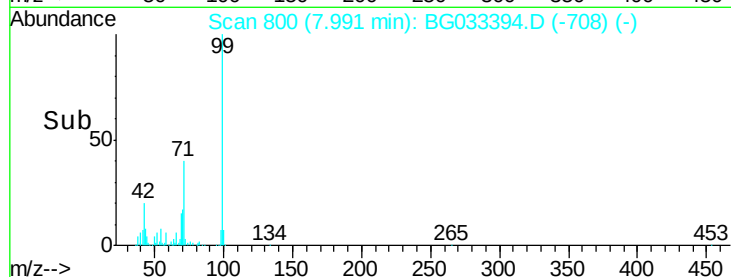
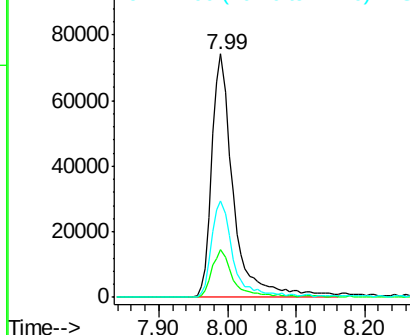
99 100

42 19.6 14.1 21.1

71 39.7 26.1 39.1#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033394.D

Acq: 28 Mar 2018 20:13

Tgt Ion: 136 Resp: 186279

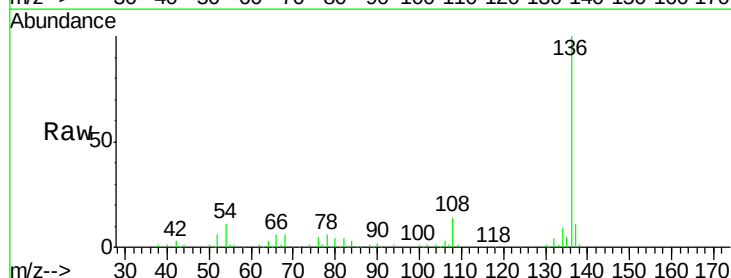
Ion Ratio Lower Upper

136 100

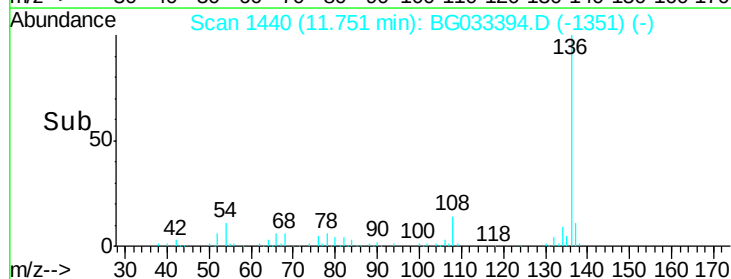
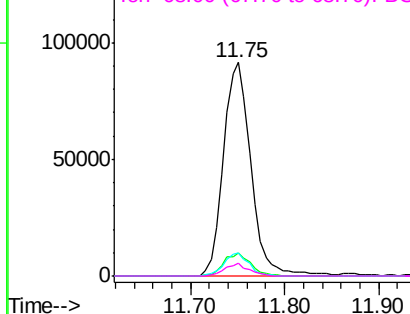
137 11.1 9.2 13.8

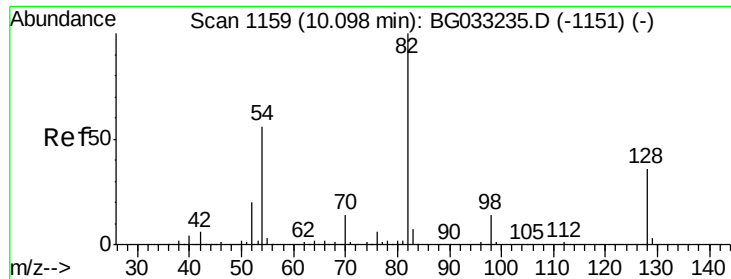
54 10.7 10.3 15.5

68 6.3 4.5 6.7



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

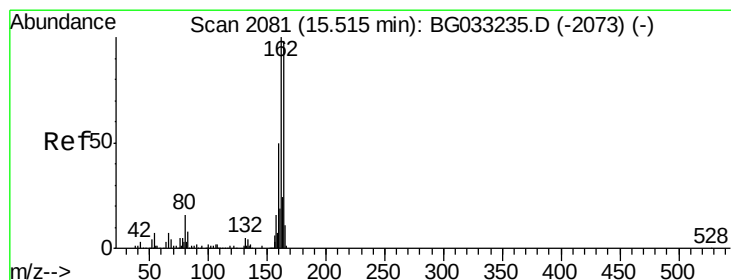
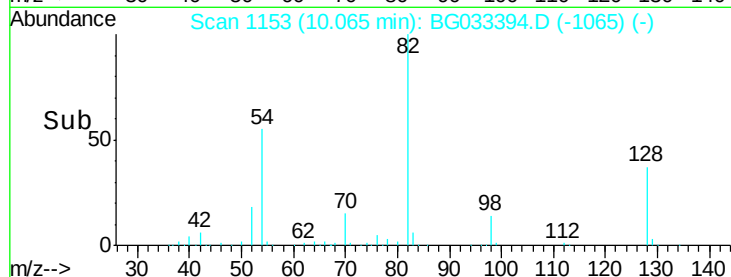
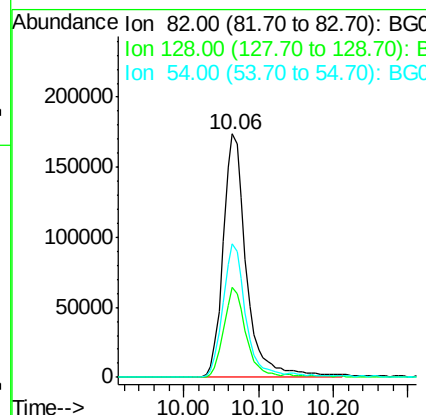
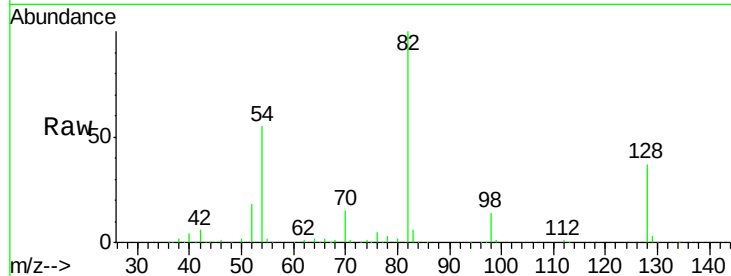




#23
 Nitrobenzene-d5
 Concen: 93.279 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033394.D
 Acq: 28 Mar 2018 20:13

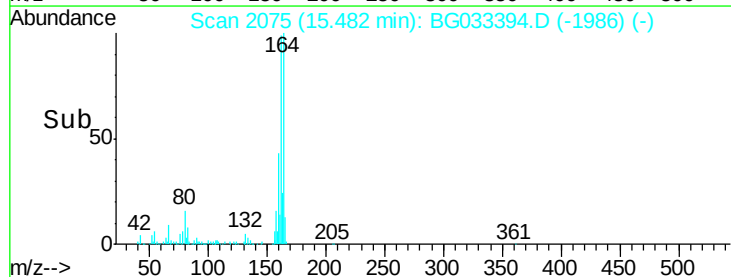
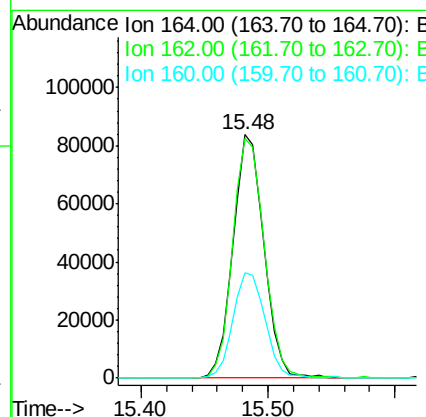
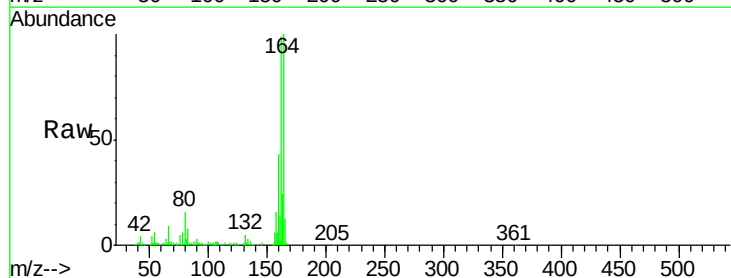
Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

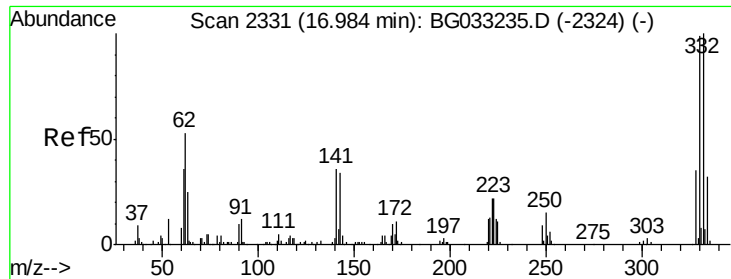
Tot Ion	82	Resp	378197
Ion Ratio	Lower	Upper	
82	100		
128	37.1	29.7	44.5
54	55.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033394.D
 Acq: 28 Mar 2018 20:13

Tgt Ion	164	Resp	140813
Ion Ratio	Lower	Upper	
164	100		
162	98.6	78.8	118.2
160	43.5	35.4	53.0

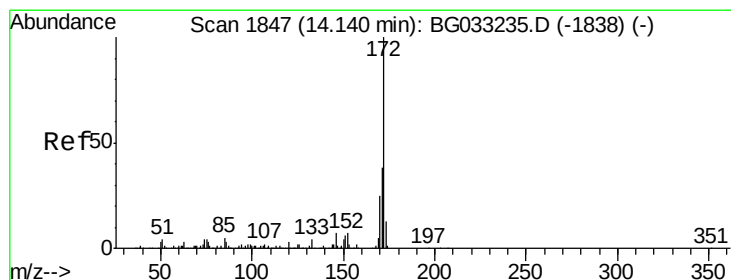
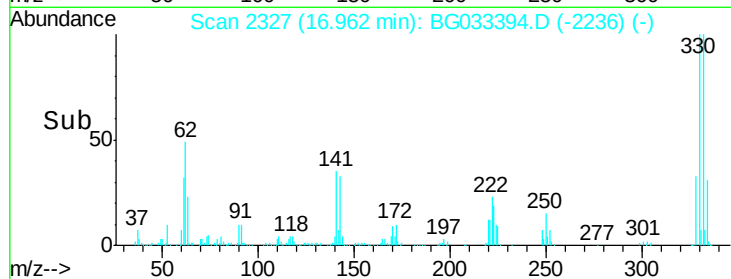
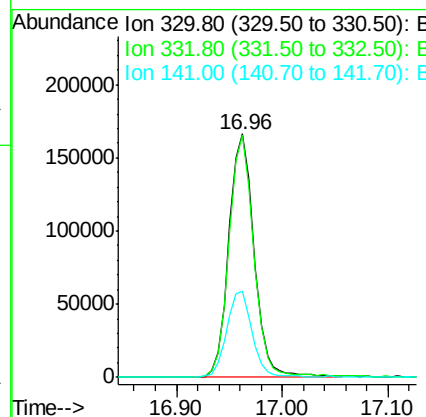
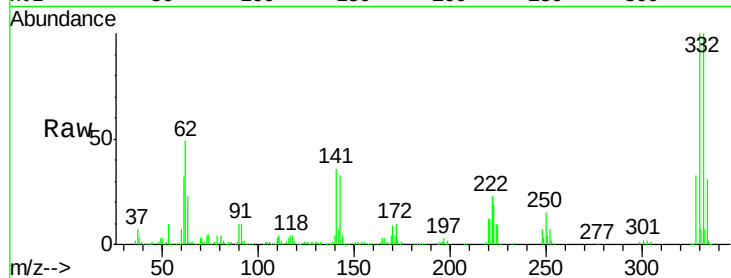




#41
 2,4,6-Tribromophenol
 Concen: 130.917 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BG033394.D
 Acq: 28 Mar 2018 20:13

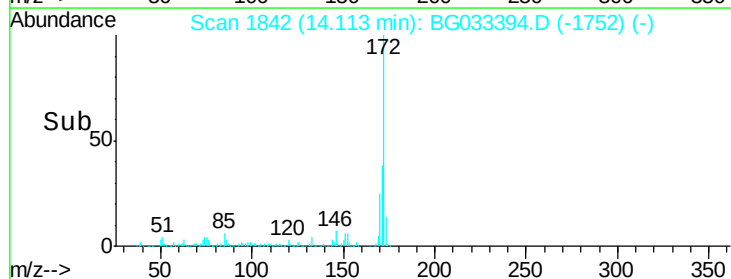
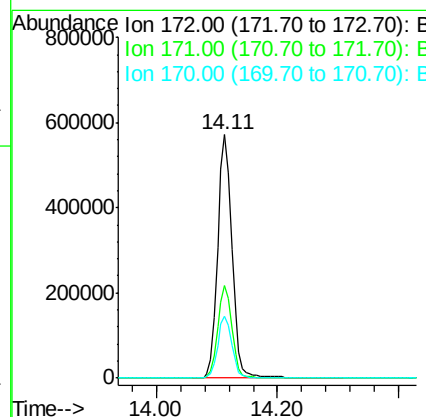
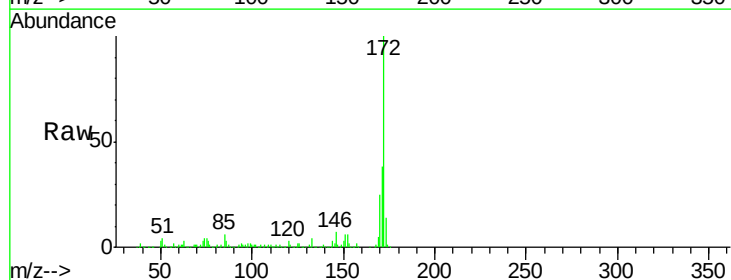
Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

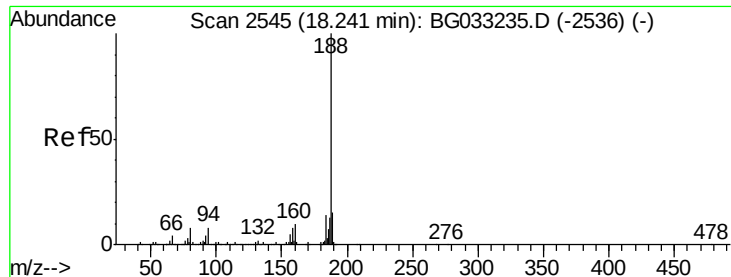
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	35.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 96.372 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033394.D
 Acq: 28 Mar 2018 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.5	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033394.D

Acq: 28 Mar 2018 20:13

Instrument :

BNA_G

ClientSampled :

PZ-4

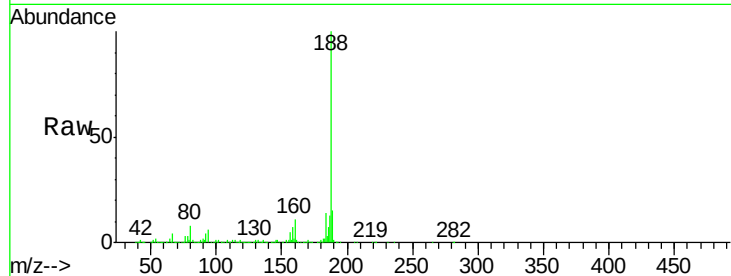
Tot Ion:188 Resp: 328561

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

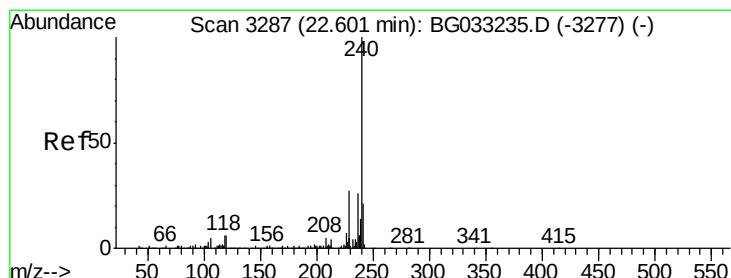
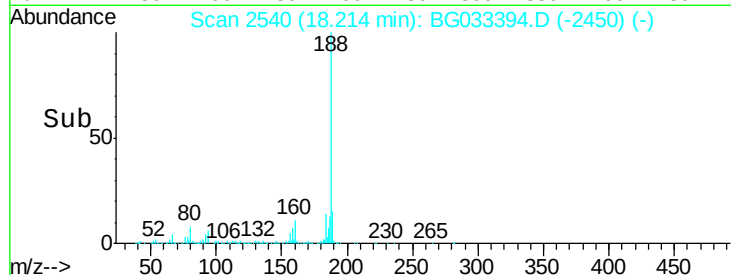
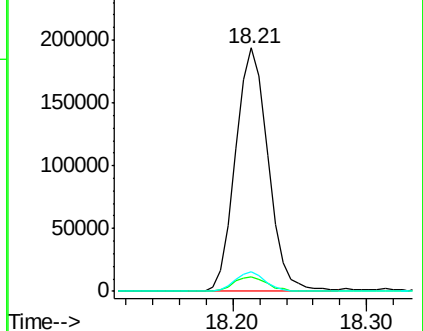
80 7.8 7.7 11.5



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: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033394.D

Acq: 28 Mar 2018 20:13

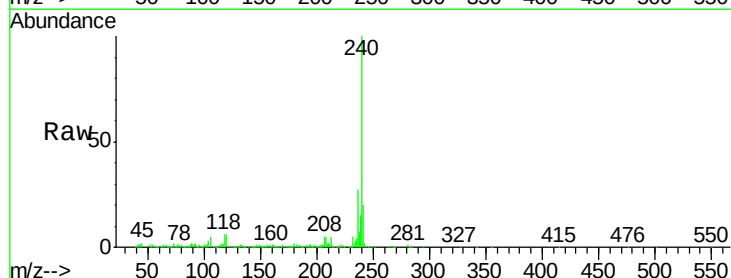
Tgt Ion:240 Resp: 337206

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

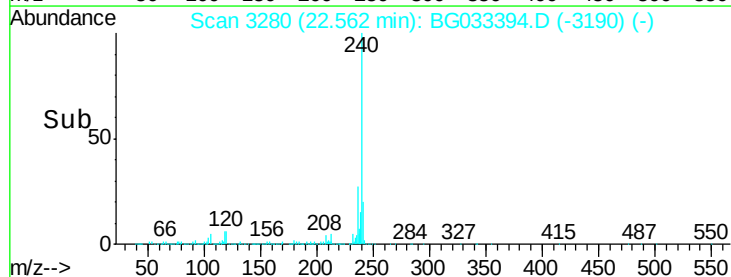
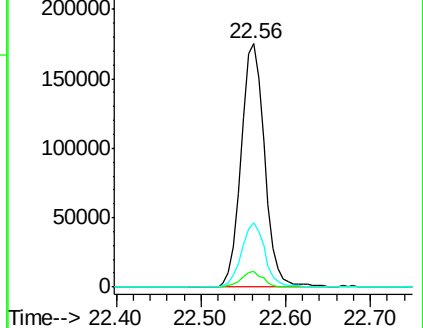
236 26.5 20.9 31.3

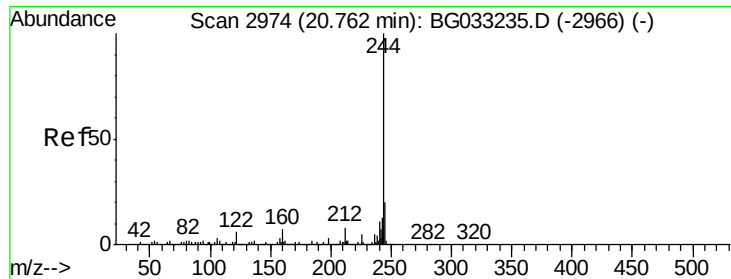


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.737 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033394.D

Acq: 28 Mar 2018 20:13

Instrument :

BNA_G

ClientSampleId :

PZ-4

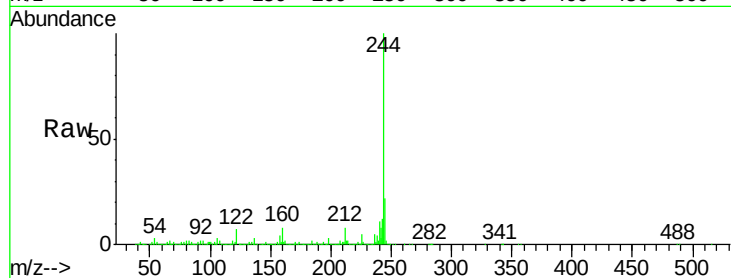
Tot Ion:244 Resp: 1414939

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

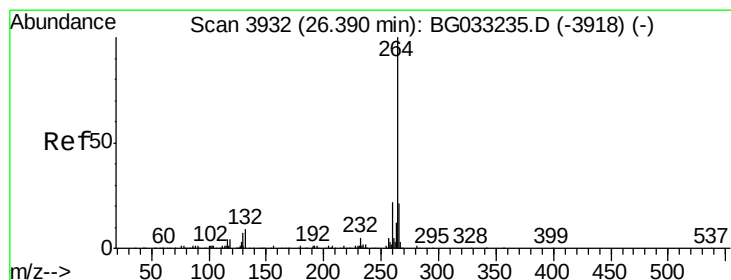
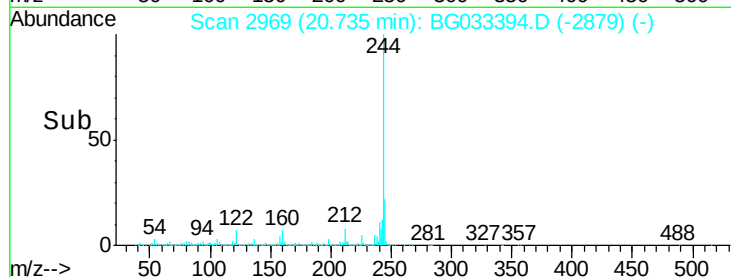
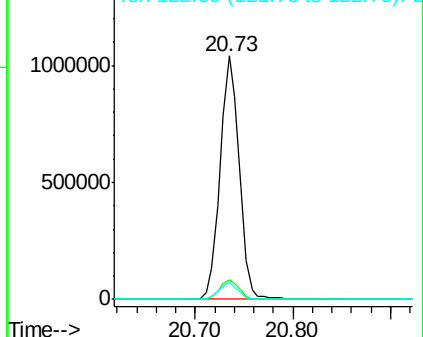
122 7.0 7.0 10.4#



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: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033394.D

Acq: 28 Mar 2018 20:13

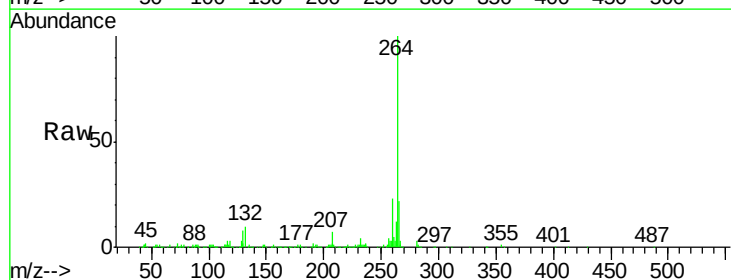
Tgt Ion:264 Resp: 370939

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.8 17.7 26.5



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

