

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033993.D
 Acq On : 25 Apr 2018 19:08
 Operator : SJ/JU
 Sample : J2543-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOTE

Quant Time: Apr 26 06:52:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	62444	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	288431	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	204528	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	530679	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	572292	20.00	ng	-0.02
86) Perylene-d12	24.52	264	574606	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	252147	64.47	ng	0.00
7) Phenol-d6	7.00	99	218569	38.31	ng	0.00
23) Nitrobenzene-d5	8.98	82	520387	102.68	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	399160	167.28	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1391678	99.96	ng	-0.02
78) Terphenyl-d14	19.85	244	2388996	93.78	ng	-0.02

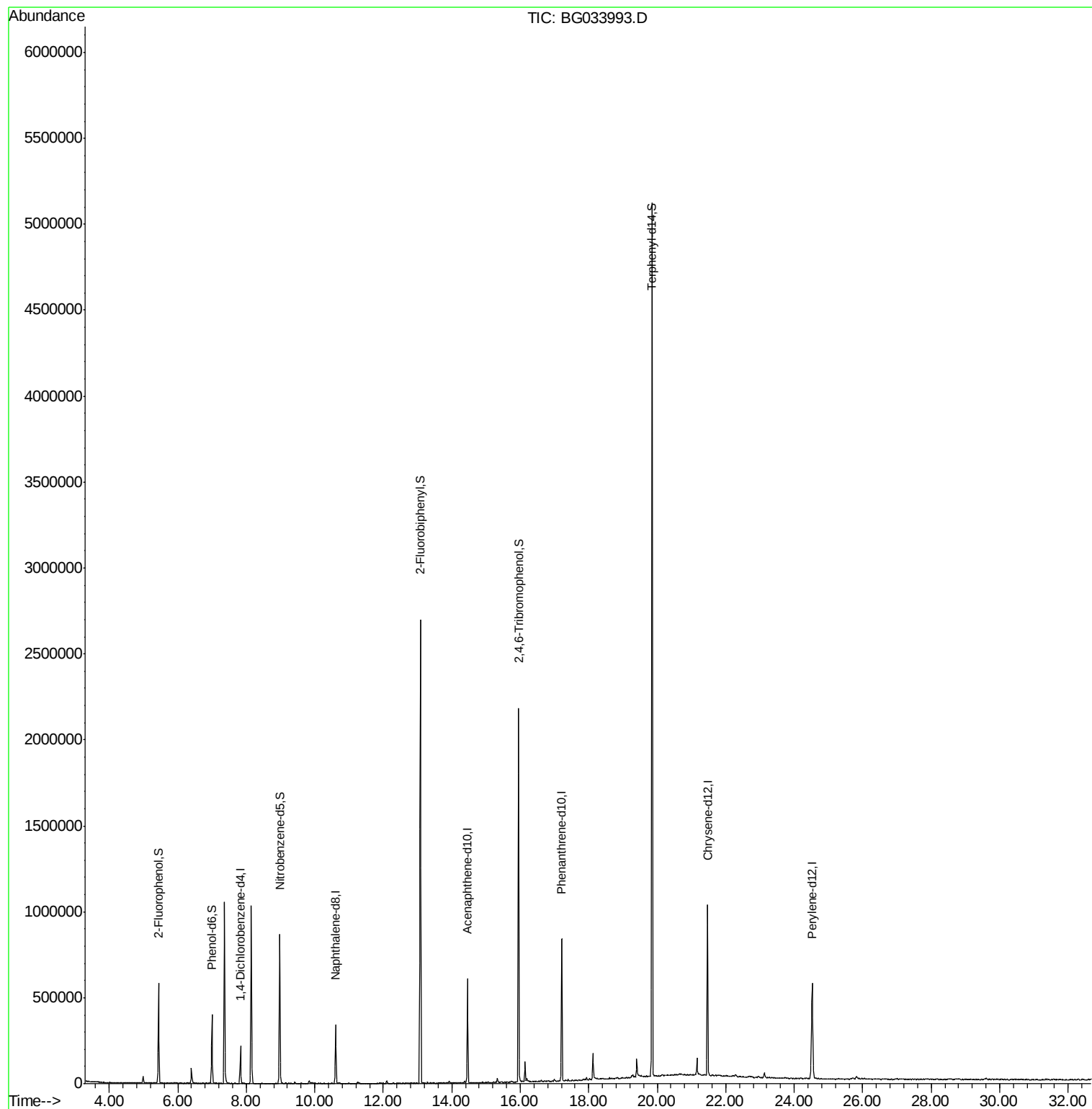
Target Compounds Qvalue

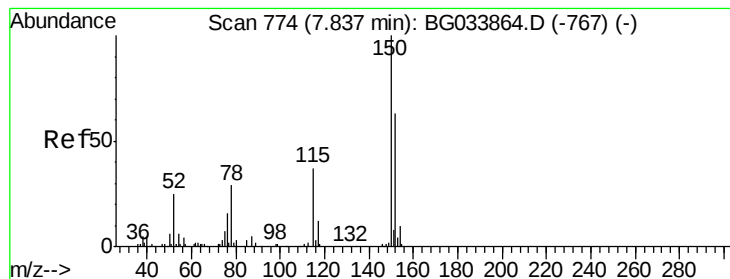
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.01 min

Lab File: BG033993.D

Acq: 25 Apr 2018 19:08

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ClientSampleId :

TOTE

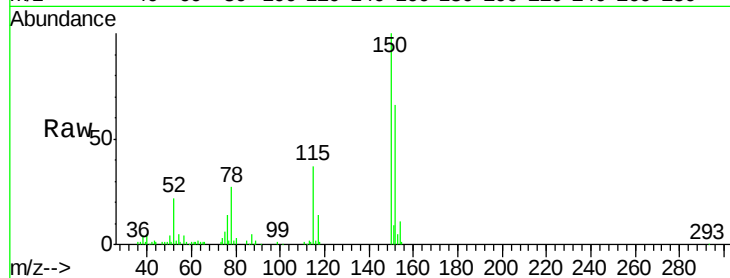
Tot Ion:152 Resp: 62444

Ion Ratio Lower Upper

152 100

150 152.2 126.6 189.8

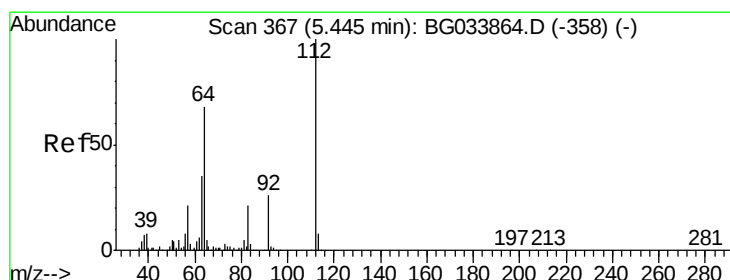
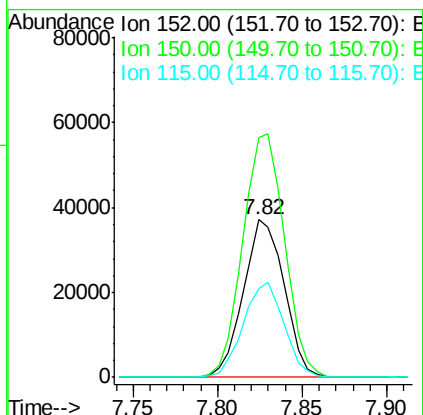
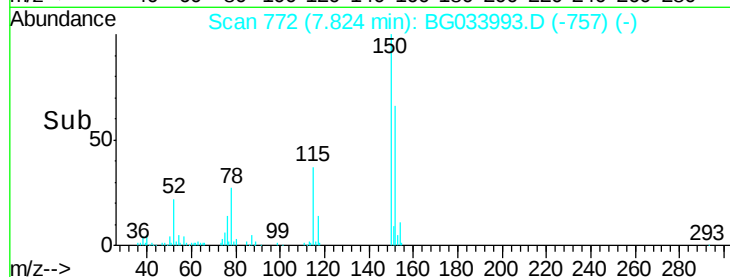
115 55.9 53.0 79.4



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: 64.468 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.01 min

Lab File: BG033993.D

Acq: 25 Apr 2018 19:08

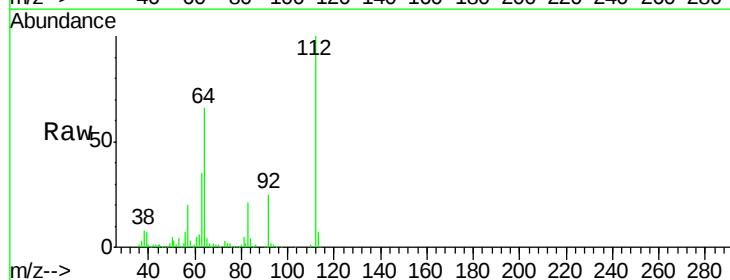
Tgt Ion:112 Resp: 252147

Ion Ratio Lower Upper

112 100

64 66.1 56.3 84.5

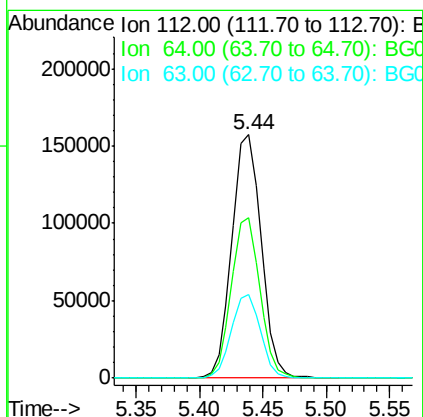
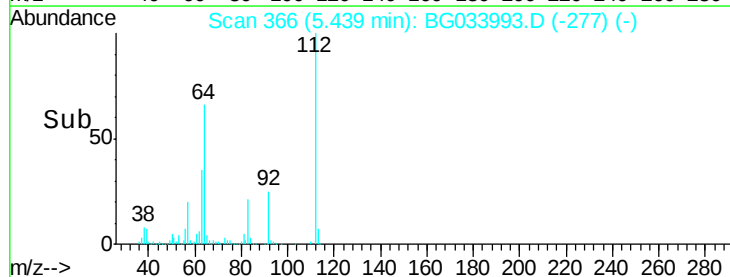
63 34.5 30.1 45.1

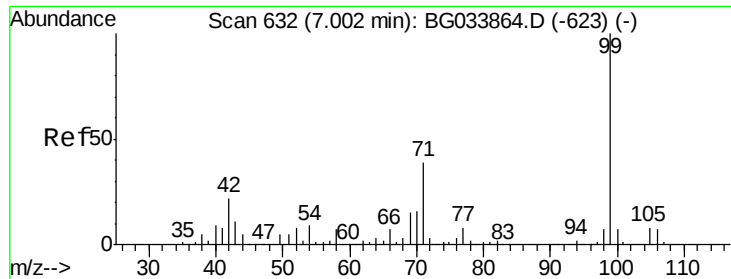


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.314 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033993.D

Acq: 25 Apr 2018 19:08

Instrument :

BNA_G

ClientSampleId :

TOTE

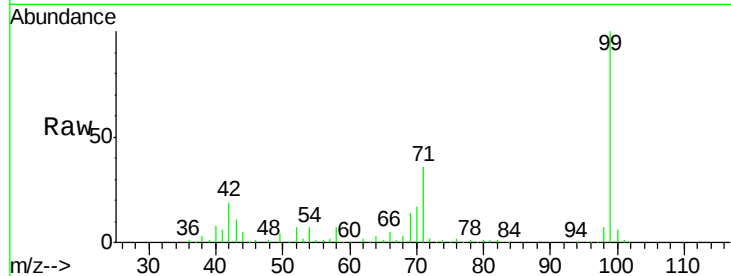
Tot Ion: 99 Resp: 218569

Ion Ratio Lower Upper

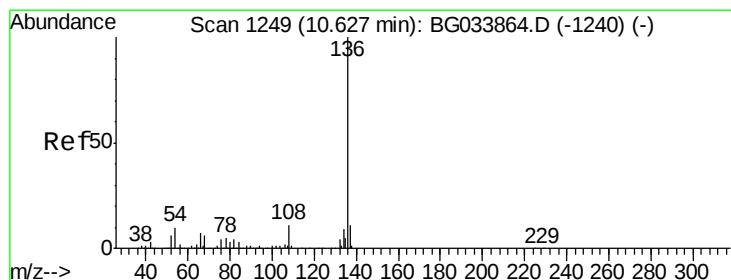
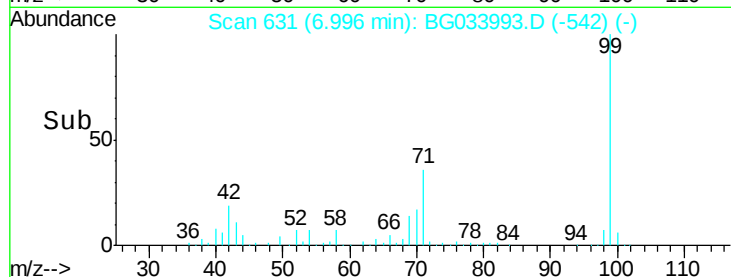
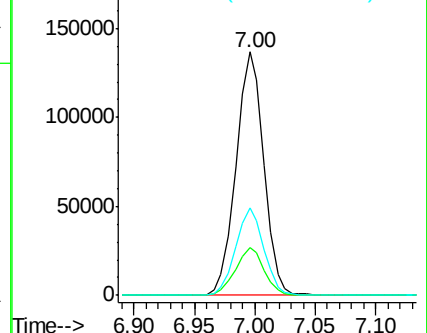
99 100

42 19.5 14.1 21.1

71 35.8 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033993.D

Acq: 25 Apr 2018 19:08

Tgt Ion: 136 Resp: 288431

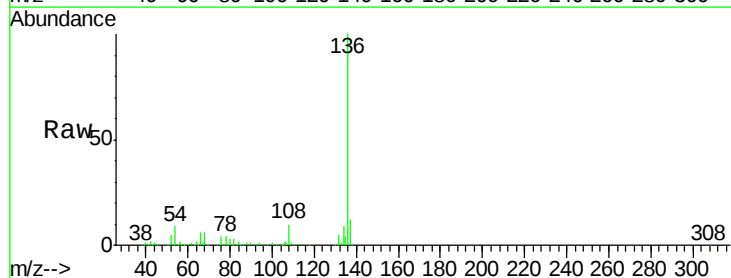
Ion Ratio Lower Upper

136 100

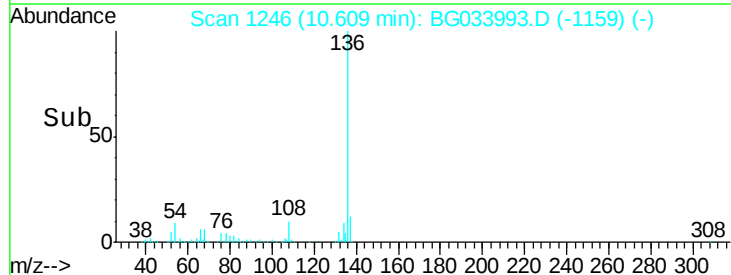
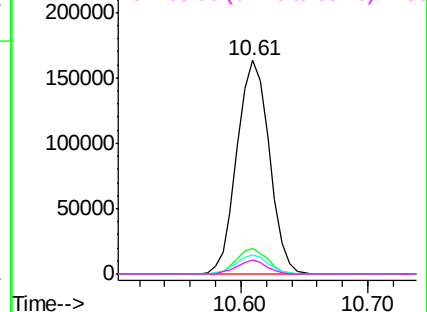
137 12.0 9.2 13.8

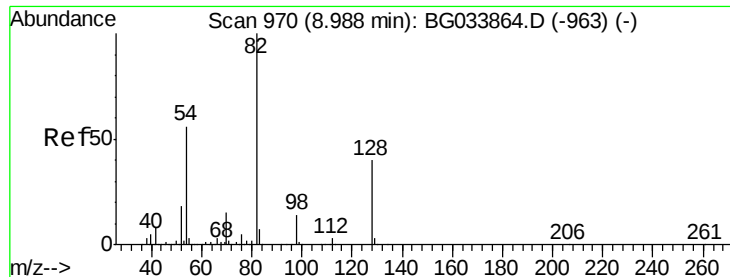
54 9.1 10.3 15.5#

68 6.4 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

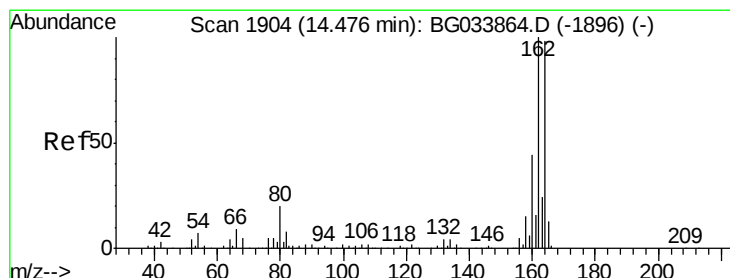
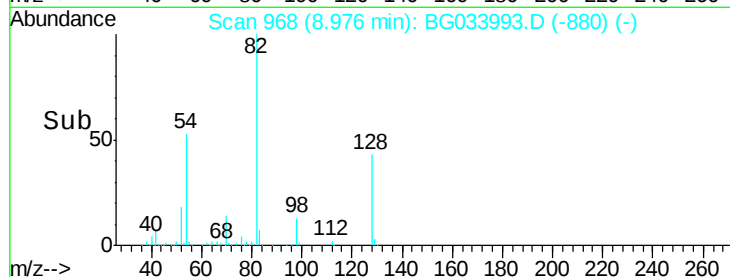
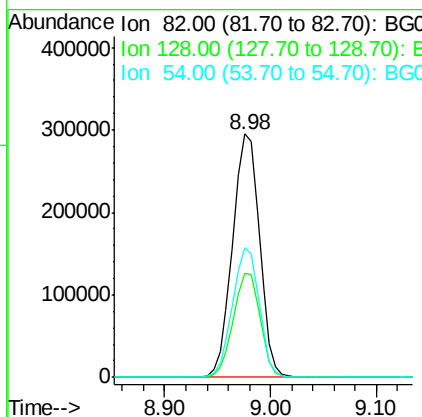
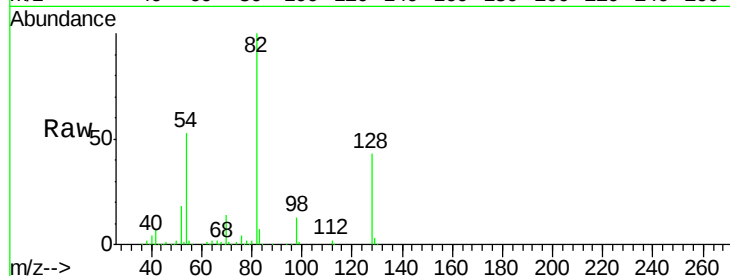




#23
 Nitrobenzene-d5
 Concen: 102.676 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033993.D
 Acq: 25 Apr 2018 19:08

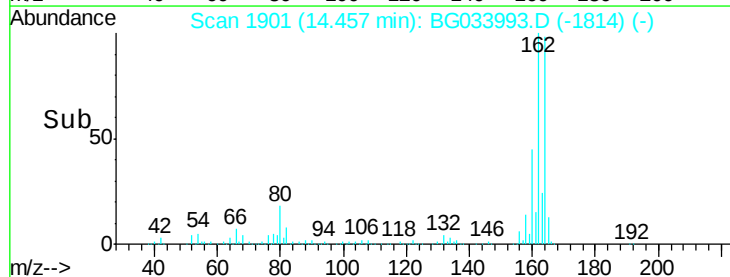
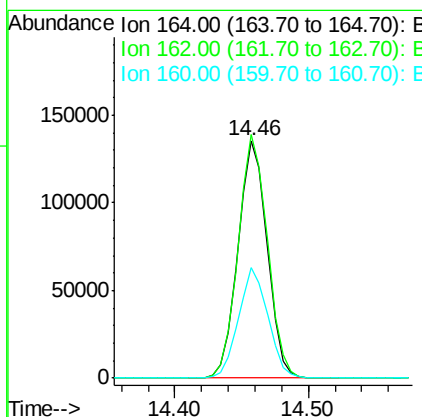
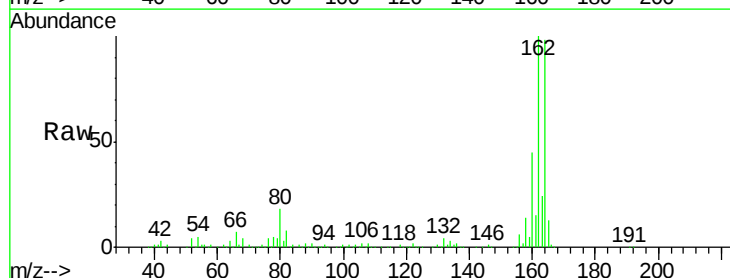
Instrument :
 BNA_G
 ClientSampleId :
 TOTE

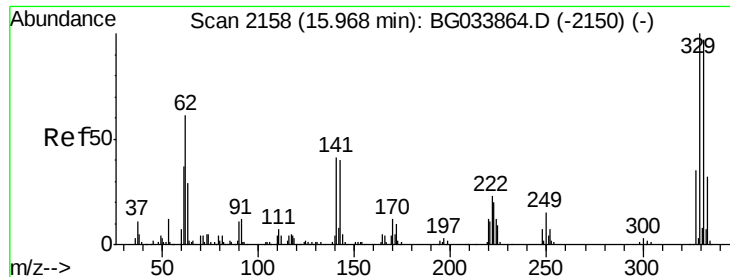
Tot Ion	82	Resp	520387
Ion Ratio	Lower	Upper	
82	100		
128	42.9	29.7	44.5
54	53.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033993.D
 Acq: 25 Apr 2018 19:08

Tgt Ion	164	Resp	204528
Ion Ratio	Lower	Upper	
164	100		
162	102.4	78.8	118.2
160	46.3	35.4	53.0

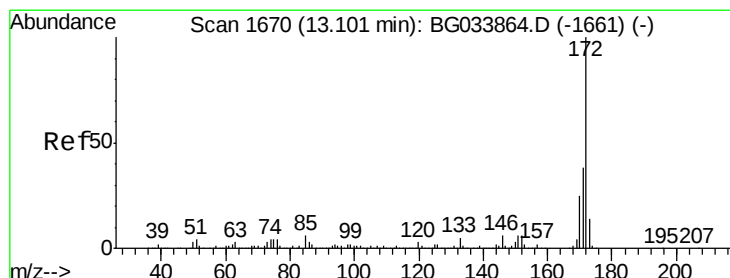
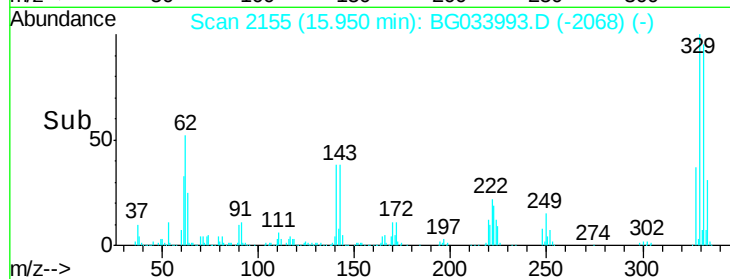
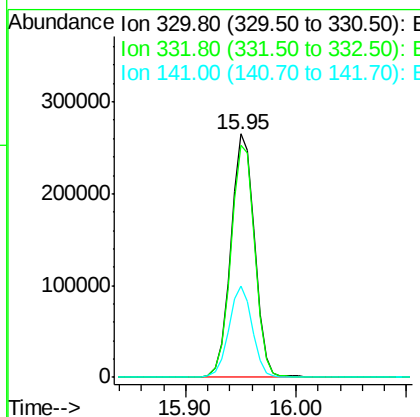
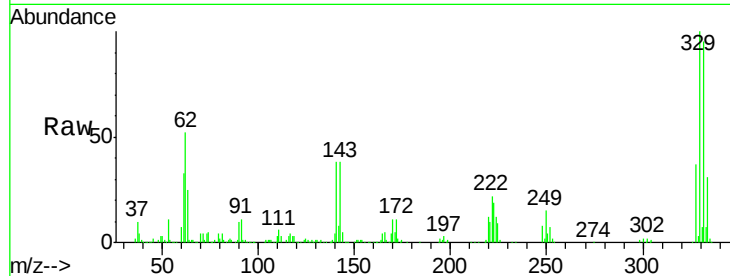




#41
 2,4,6-Tribromophenol
 Concen: 167.282 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033993.D
 Acq: 25 Apr 2018 19:08

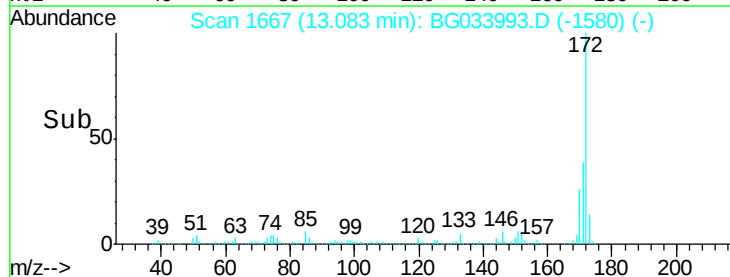
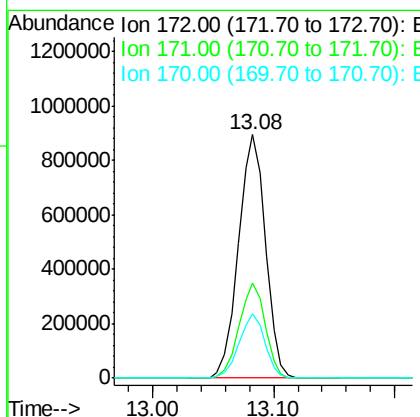
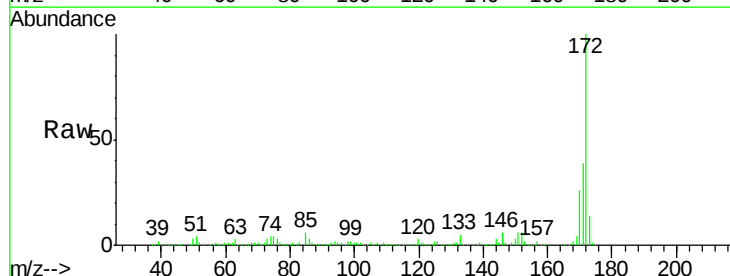
Instrument :
 BNA_G
 ClientSampleId :
 TOTE

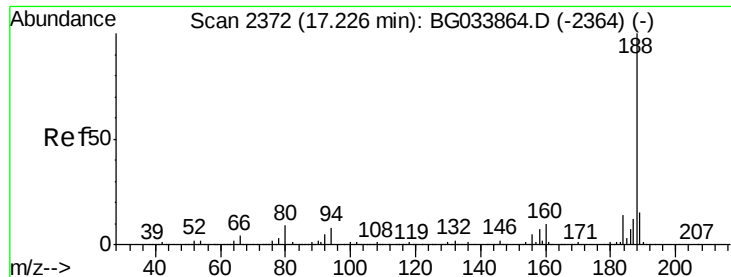
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	37.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 99.957 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033993.D
 Acq: 25 Apr 2018 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	26.2	19.5	29.3

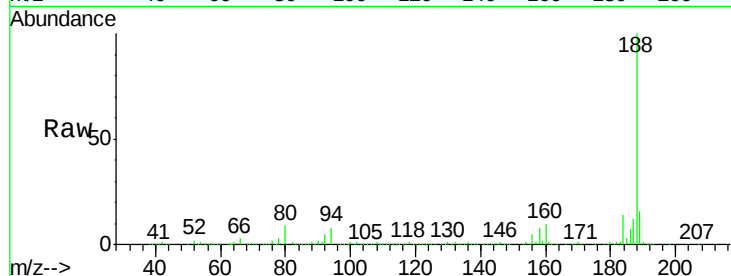




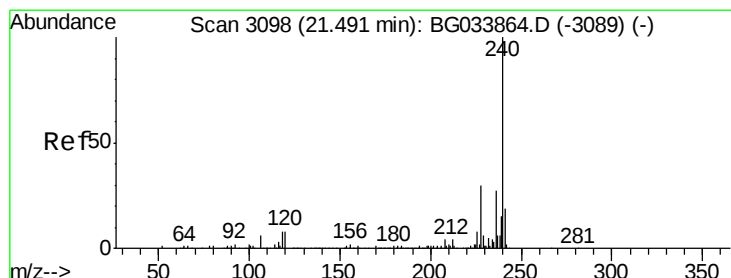
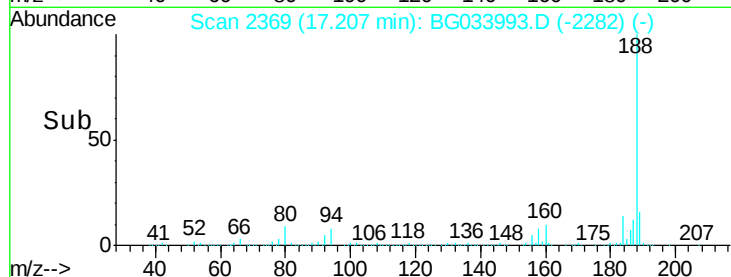
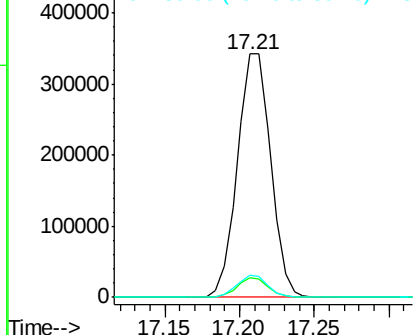
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033993.D
Acq: 25 Apr 2018 19:08

Instrument :
BNA_G
ClientSampleId :
TOTE

Tot Ion:188 Resp: 530679
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.3 7.7 11.5

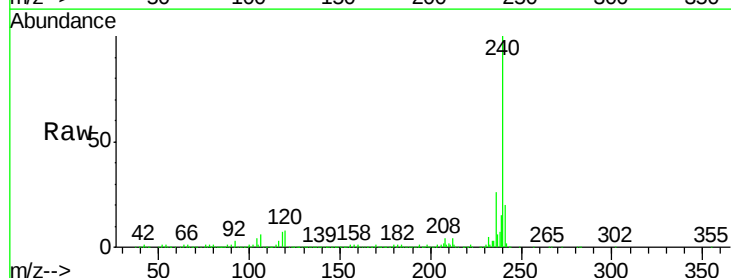


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

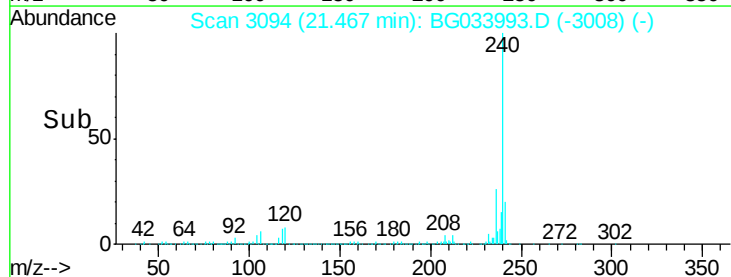
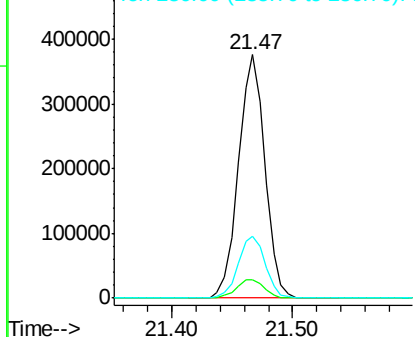


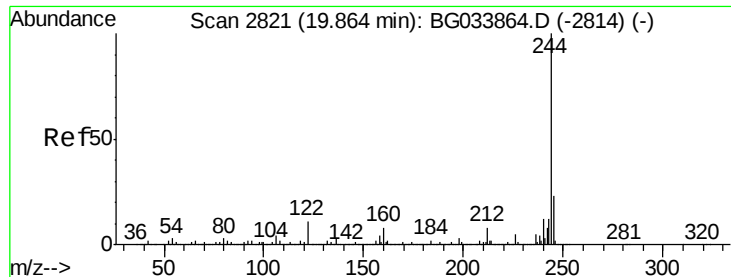
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033993.D
Acq: 25 Apr 2018 19:08

Tgt Ion:240 Resp: 572292
Ion Ratio Lower Upper
240 100
120 7.7 6.8 10.2
236 25.6 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: 93.783 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033993.D

Acq: 25 Apr 2018 19:08

Instrument :

BNA_G

ClientSampleId :

TOTE

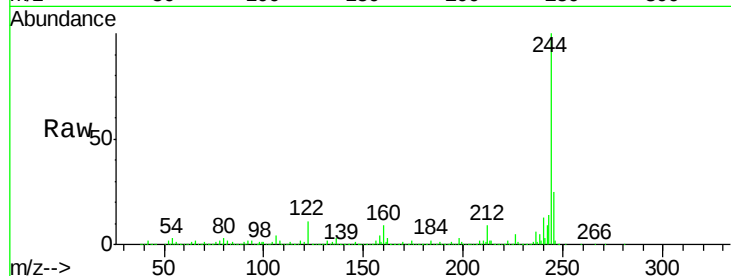
Tot Ion:244 Resp: 2388996

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

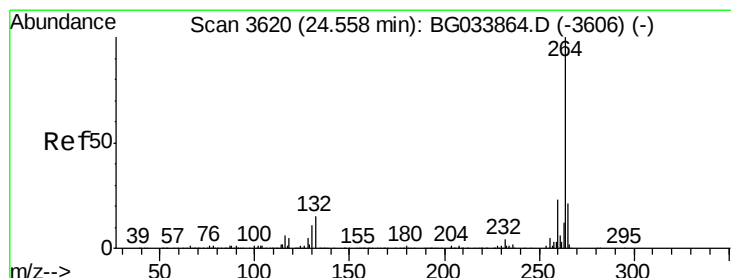
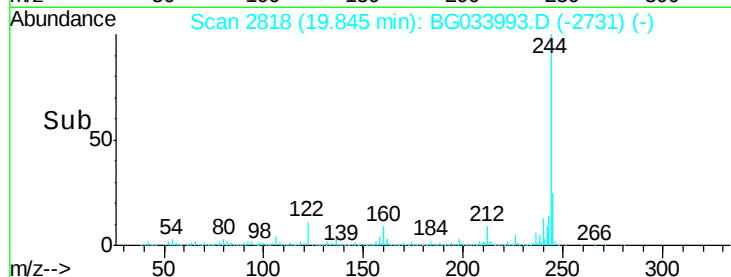
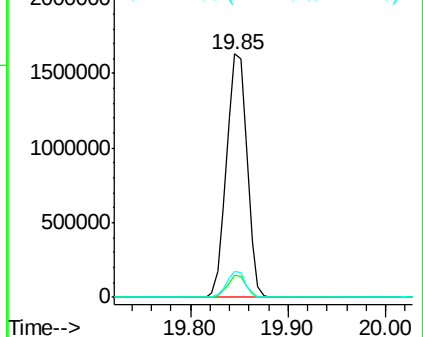
122 10.8 7.0 10.4#



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: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033993.D

Acq: 25 Apr 2018 19:08

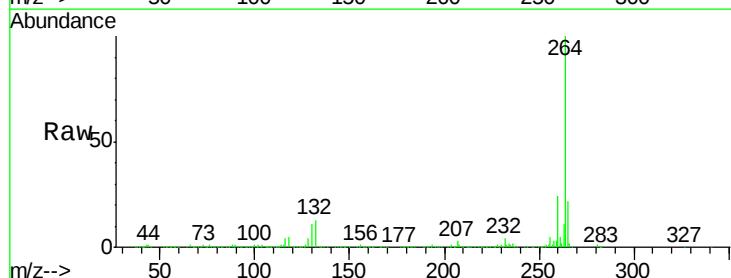
Tgt Ion:264 Resp: 574606

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.5 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

