

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033983.D
 Acq On : 25 Apr 2018 10:39
 Operator : SJ/JU
 Sample : J2508-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Apr 25 12:18:27 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	7.83	152	82975	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	332256	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	209897	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	532637	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	604512	20.00	ng	-0.02
86) Perylene-d12	24.52	264	609414	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	671526	129.21	ng	0.00
7) Phenol-d6	7.00	99	796536	105.08	ng	0.00
23) Nitrobenzene-d5	8.98	82	594873	101.89	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	387100	158.08	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1389482	97.25	ng	-0.02
78) Terphenyl-d14	19.85	244	2429244	90.28	ng	-0.01

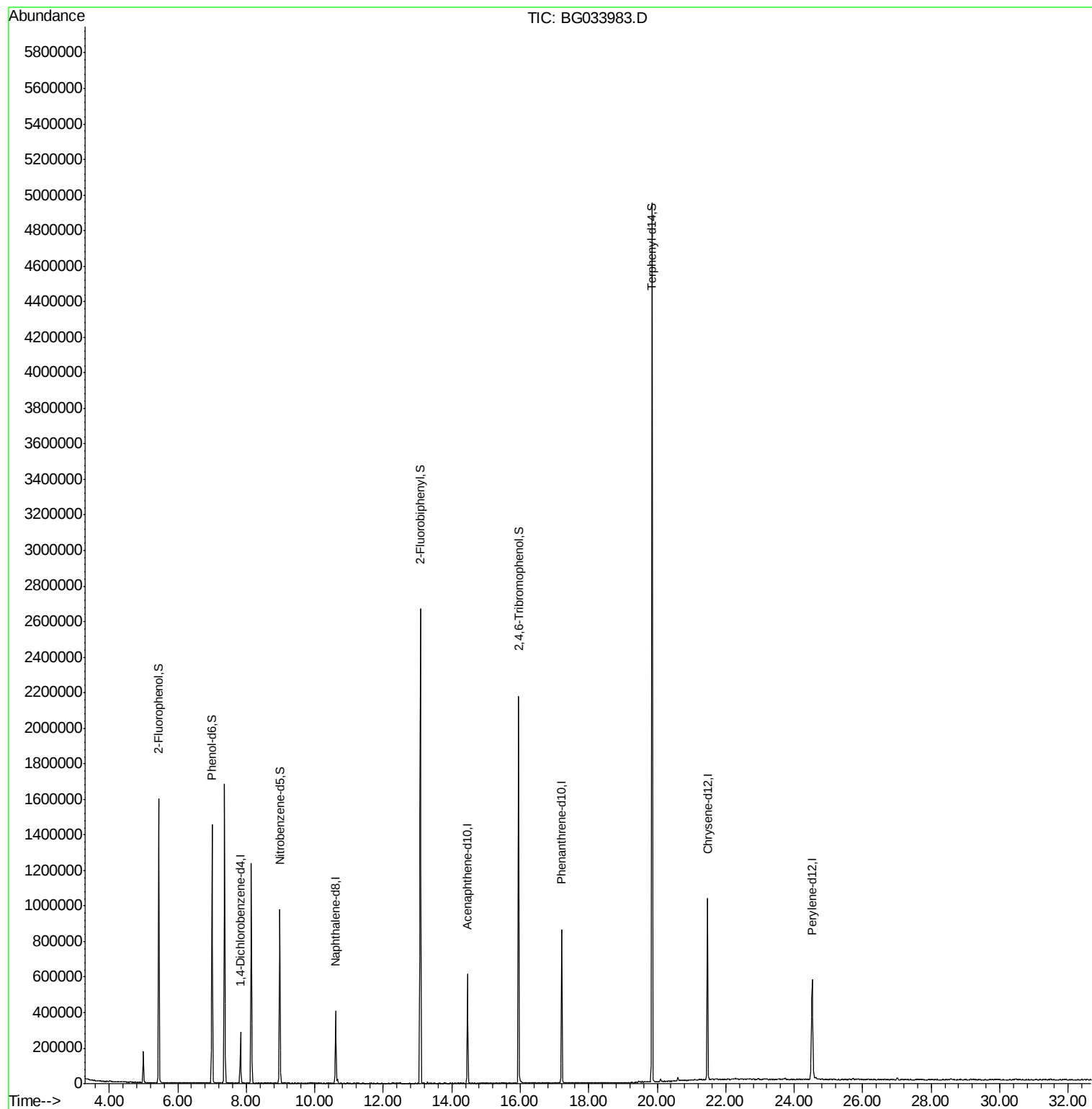
Target Compounds Qvalue

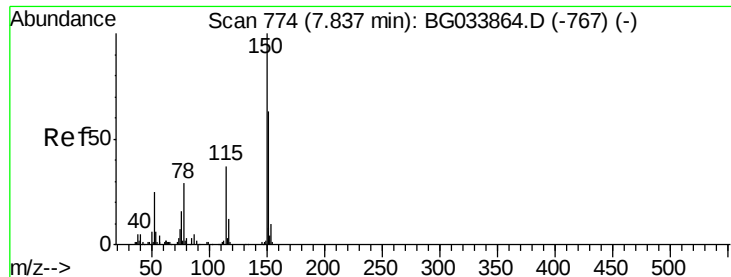
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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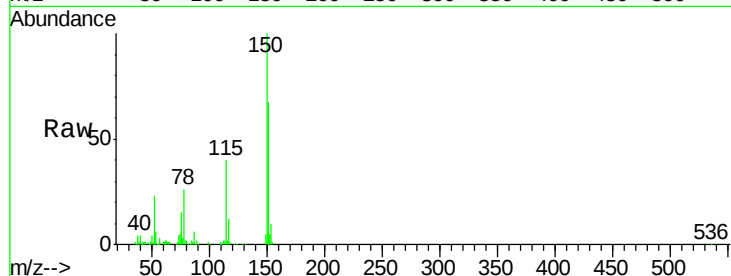


#1

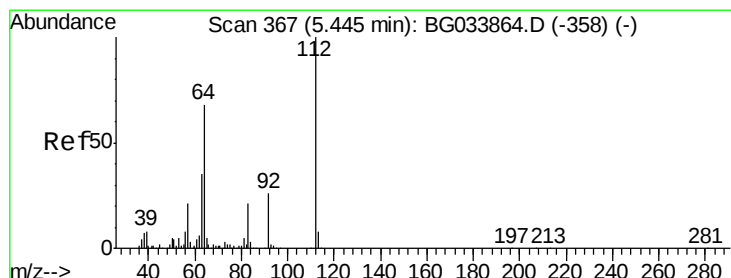
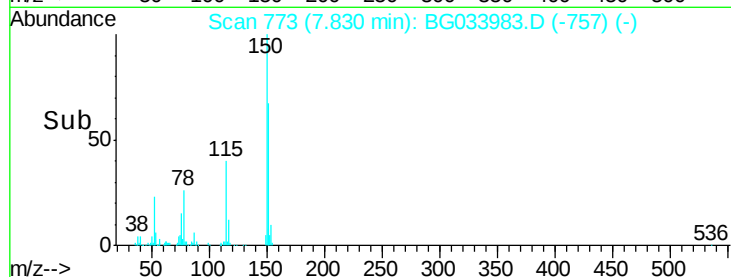
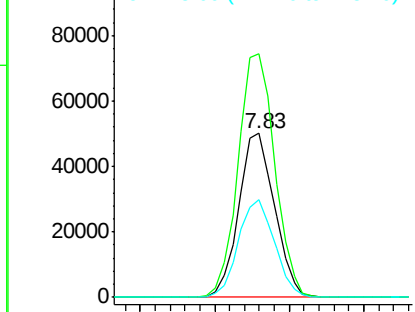
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	126.6	189.8
115	59.5	53.0	79.4



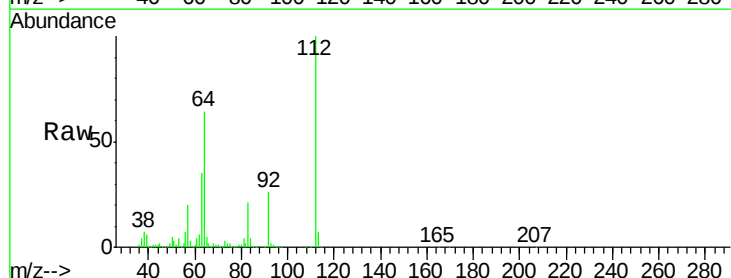
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



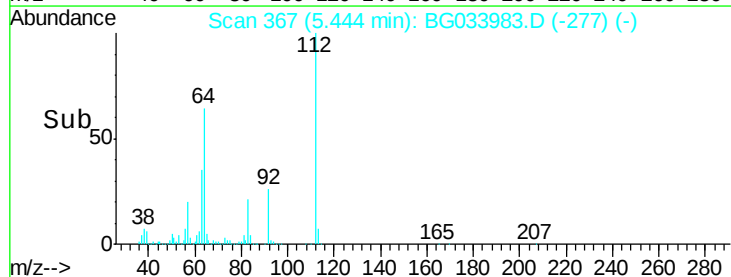
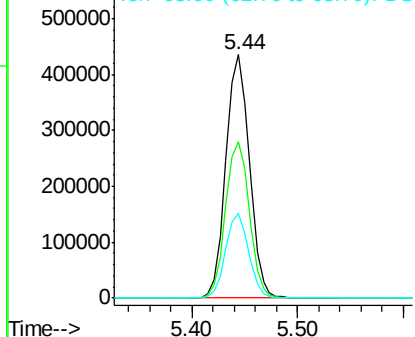
#5

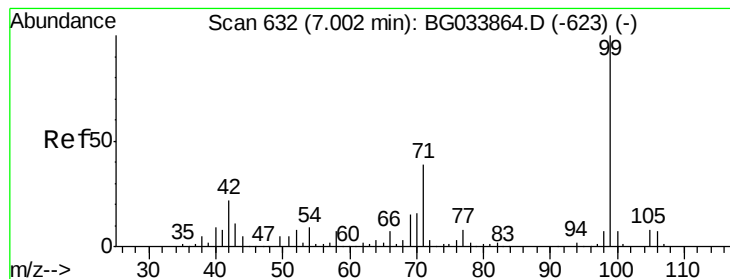
2-Fluorophenol
Concen: 129.209 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	56.3	84.5
63	34.7	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: 105.078 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033983.D

Acq: 25 Apr 2018 10:39

Instrument :

BNA_G

ClientSampleId :

TP-4

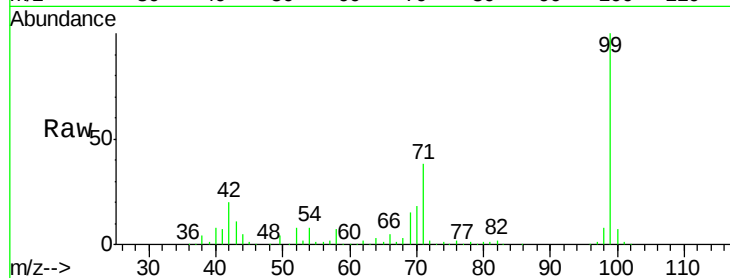
Tot Ion: 99 Resp: 796536

Ion Ratio Lower Upper

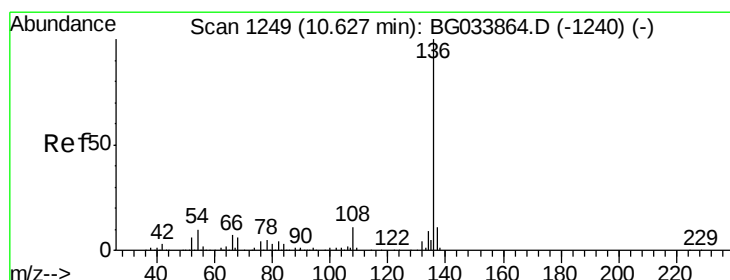
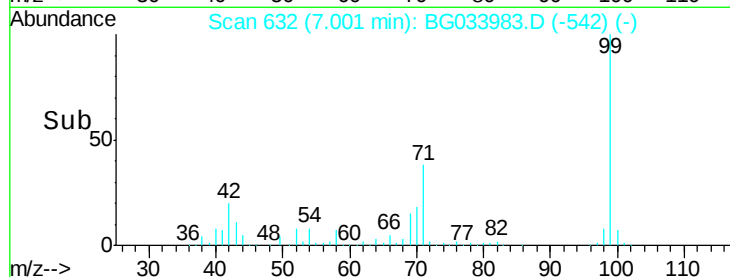
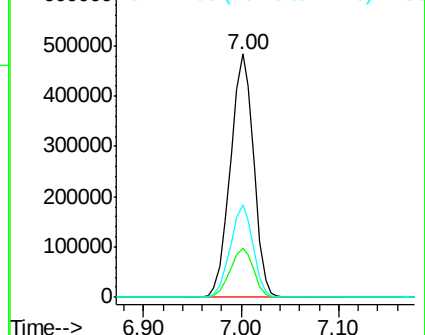
99 100

42 20.3 14.1 21.1

71 37.9 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: BG033983.D

Acq: 25 Apr 2018 10:39

Tgt Ion: 136 Resp: 332256

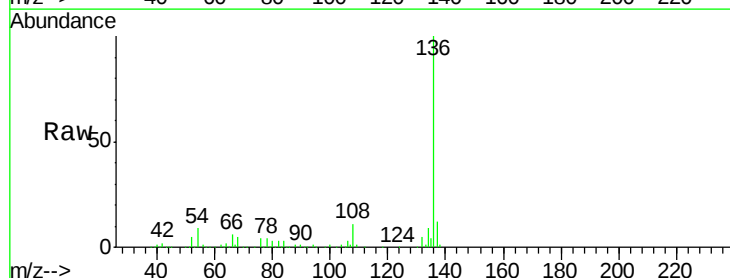
Ion Ratio Lower Upper

136 100

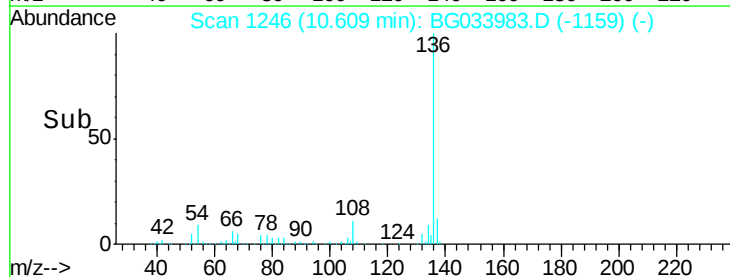
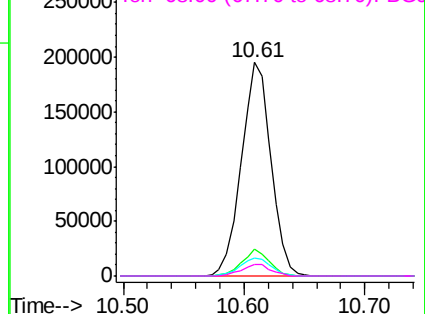
137 12.3 9.2 13.8

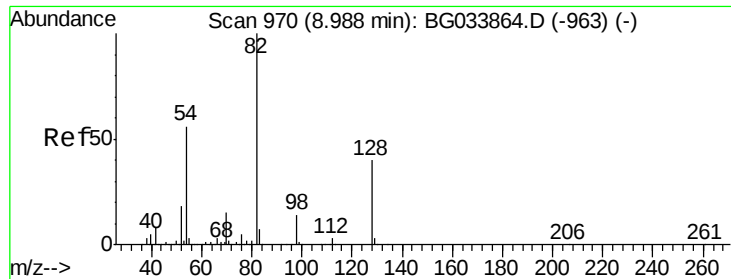
54 8.5 10.3 15.5#

68 5.4 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

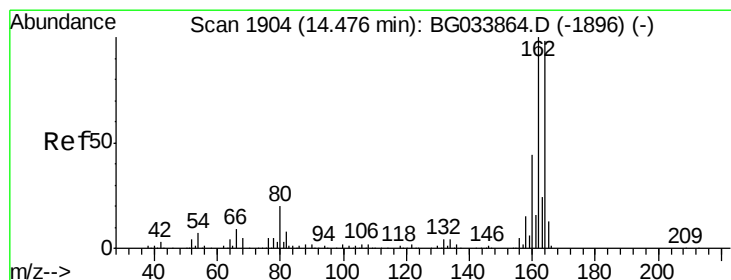
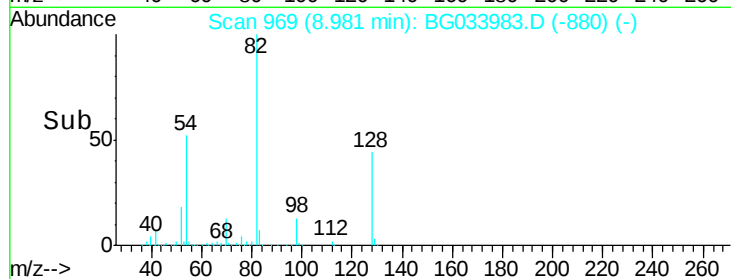
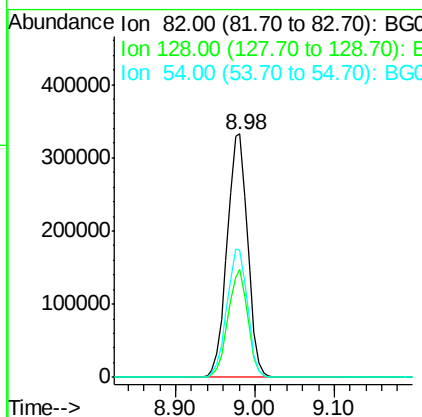
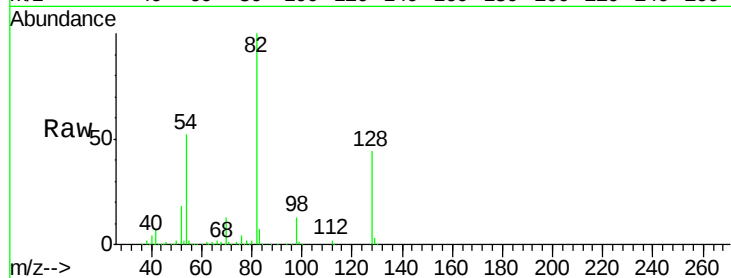




#23
Nitrobenzene-d5
Concen: 101.891 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

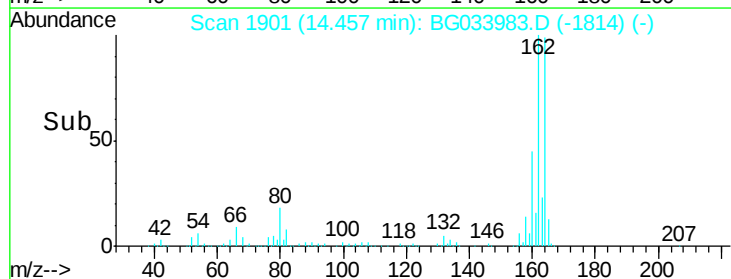
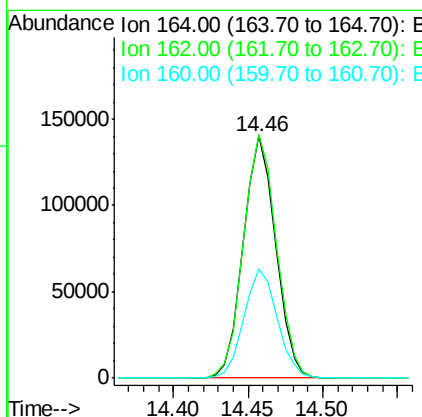
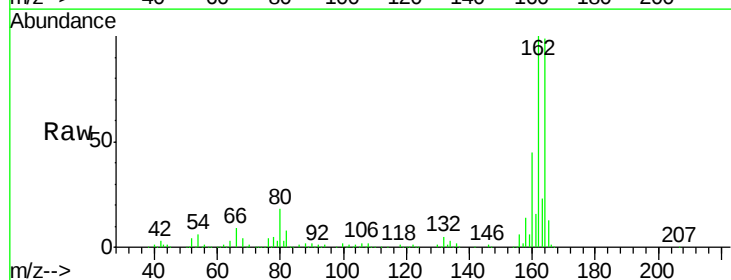
Instrument :
BNA_G
ClientSampled :
TP-4

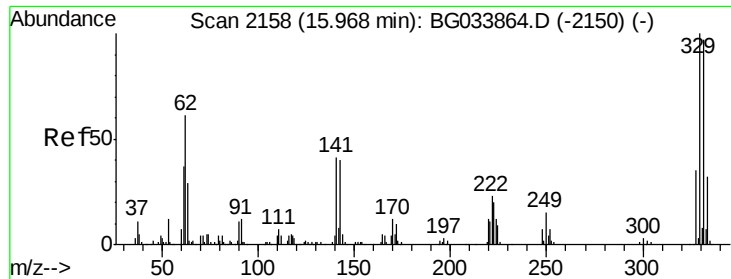
Tot Ion	82	Resp	594873
Ion Ratio	Lower	Upper	
82	100		
128	44.2	29.7	44.5
54	52.0	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion	164	Resp	209897
Ion Ratio	Lower	Upper	
164	100		
162	100.6	78.8	118.2
160	45.3	35.4	53.0

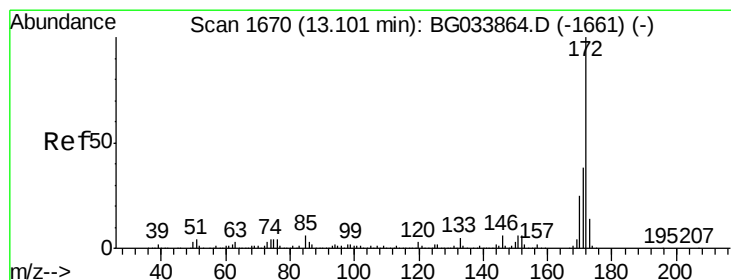
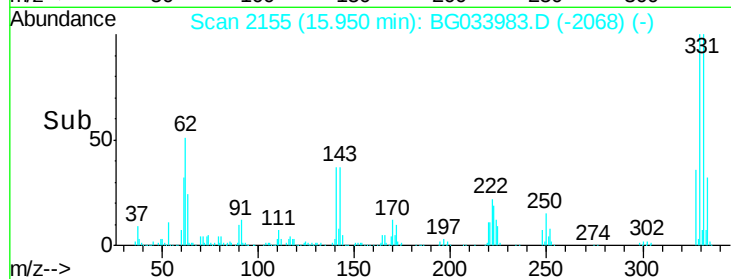
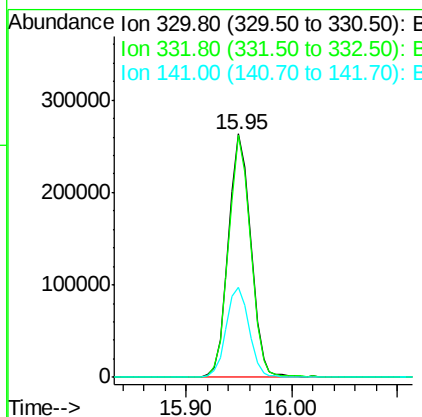
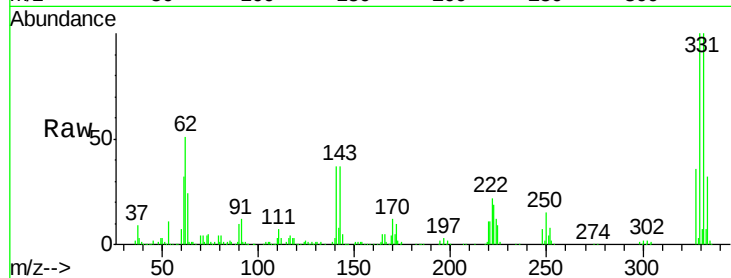




#41
 2,4,6-Tribromophenol
 Concen: 158.078 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033983.D
 Acq: 25 Apr 2018 10:39

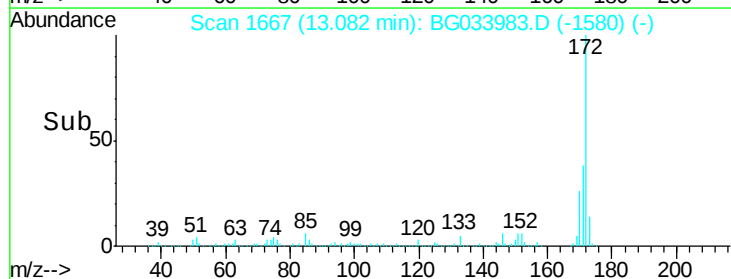
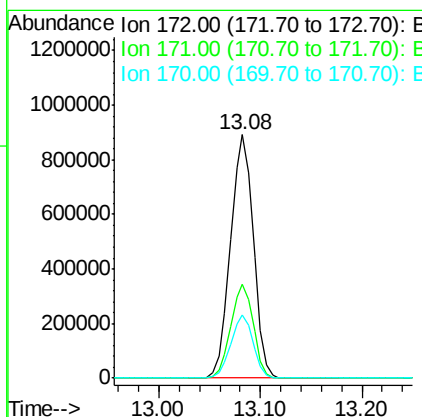
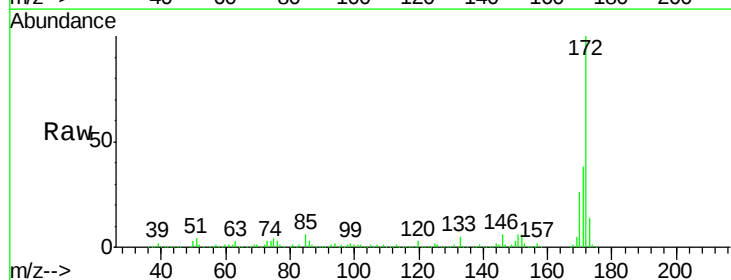
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

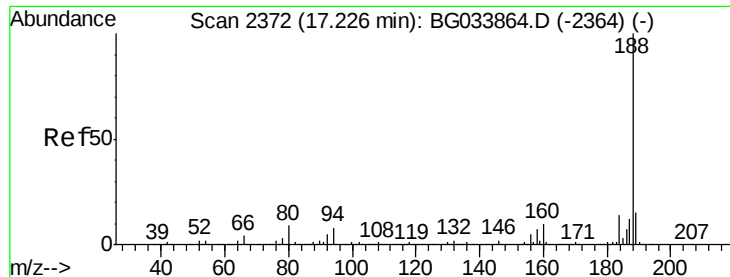
Tot Ion:330 Resp: 387100
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 37.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 97.247 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033983.D
 Acq: 25 Apr 2018 10:39

Tgt Ion:172 Resp: 1389482
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 25.9 19.5 29.3

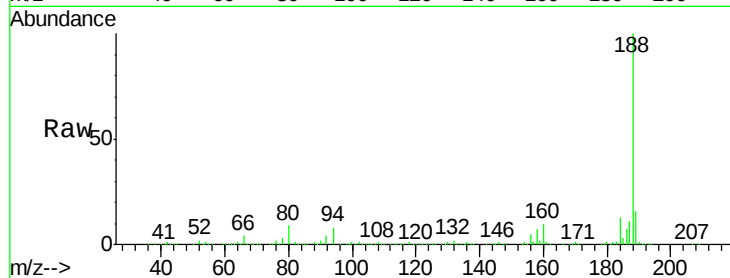




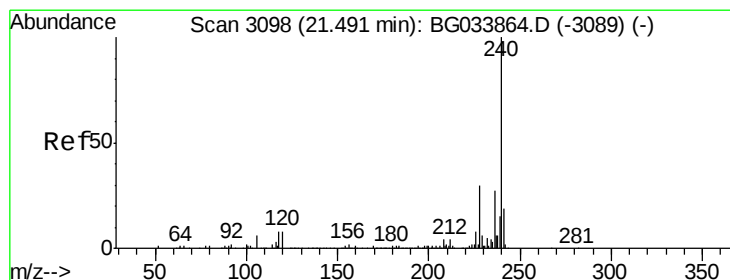
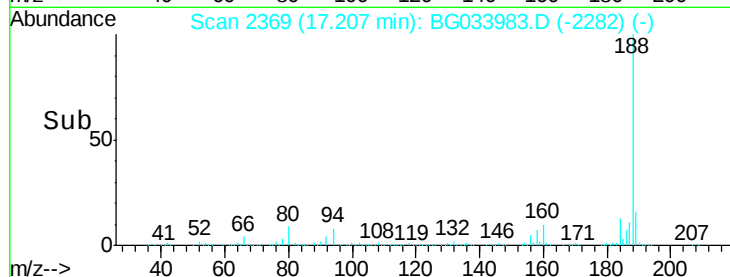
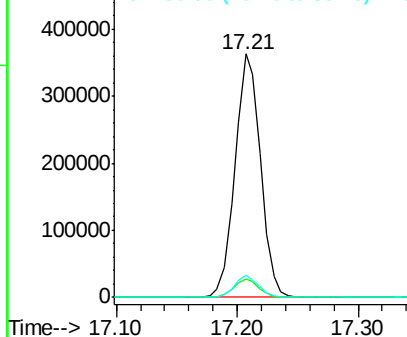
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	9.1	7.7	11.5

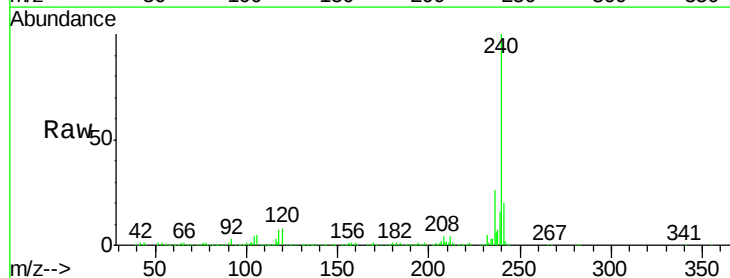


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

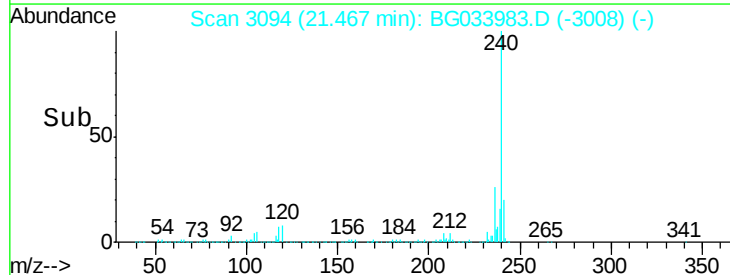
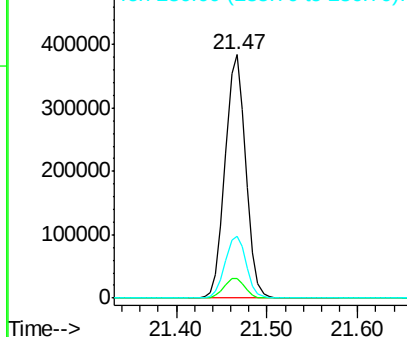


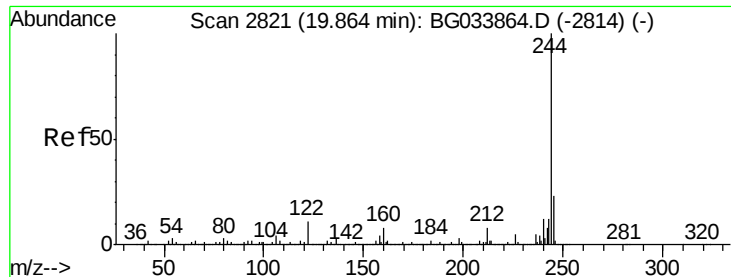
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	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: 90.281 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033983.D

Acq: 25 Apr 2018 10:39

Instrument :

BNA_G

ClientSampleId :

TP-4

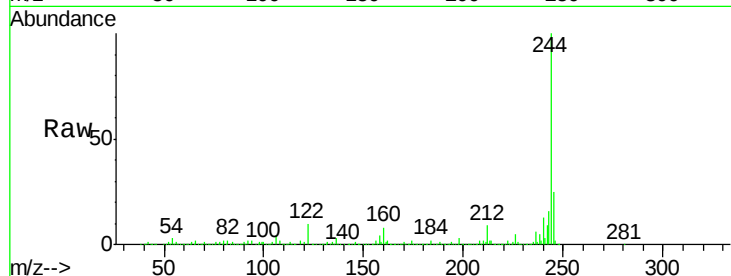
Tot Ion:244 Resp: 2429244

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

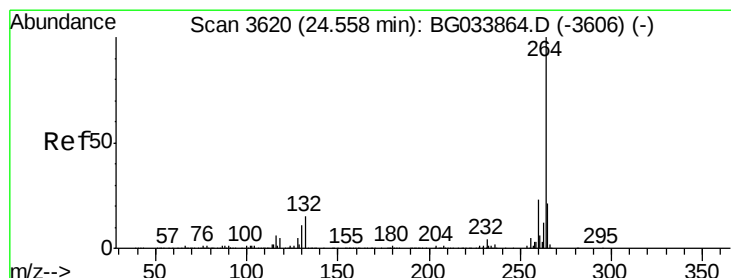
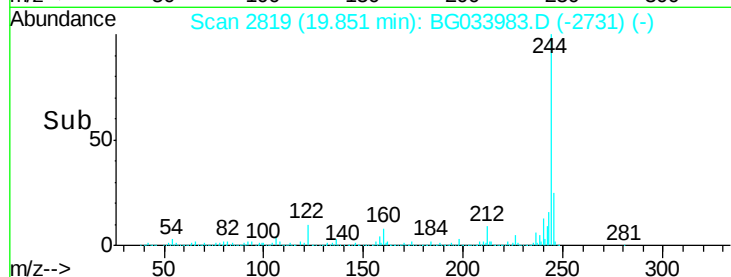
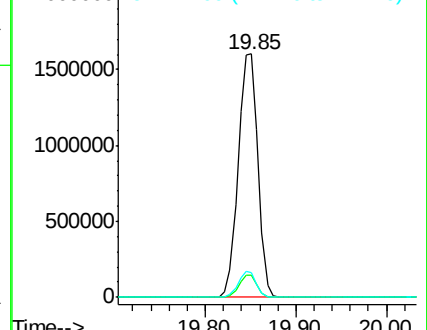
122 10.2 7.0 10.4



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: BG033983.D

Acq: 25 Apr 2018 10:39

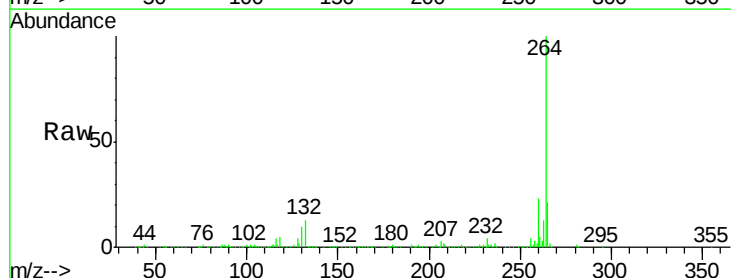
Tgt Ion:264 Resp: 609414

Ion Ratio Lower Upper

264 100

260 22.6 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

