

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031583.D
 Acq On : 15 Dec 2017 7:07
 Operator : SJ/JU
 Sample : I6889-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-1(0-3)

Quant Time: Dec 15 08:23:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	86692	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	355105	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	218915	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	573982	20.00	ng	0.00
75) Chrysene-d12	21.73	240	673269	20.00	ng	-0.01
86) Perylene-d12	25.01	264	569191	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	621643	127.10	ng	0.00
7) Phenol-d6	7.27	99	722026	106.34	ng	0.00
23) Nitrobenzene-d5	9.27	82	513725	89.17	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	395649	154.27	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1381371	92.62	ng	0.00
78) Terphenyl-d14	20.06	244	2431065	82.15	ng	0.00

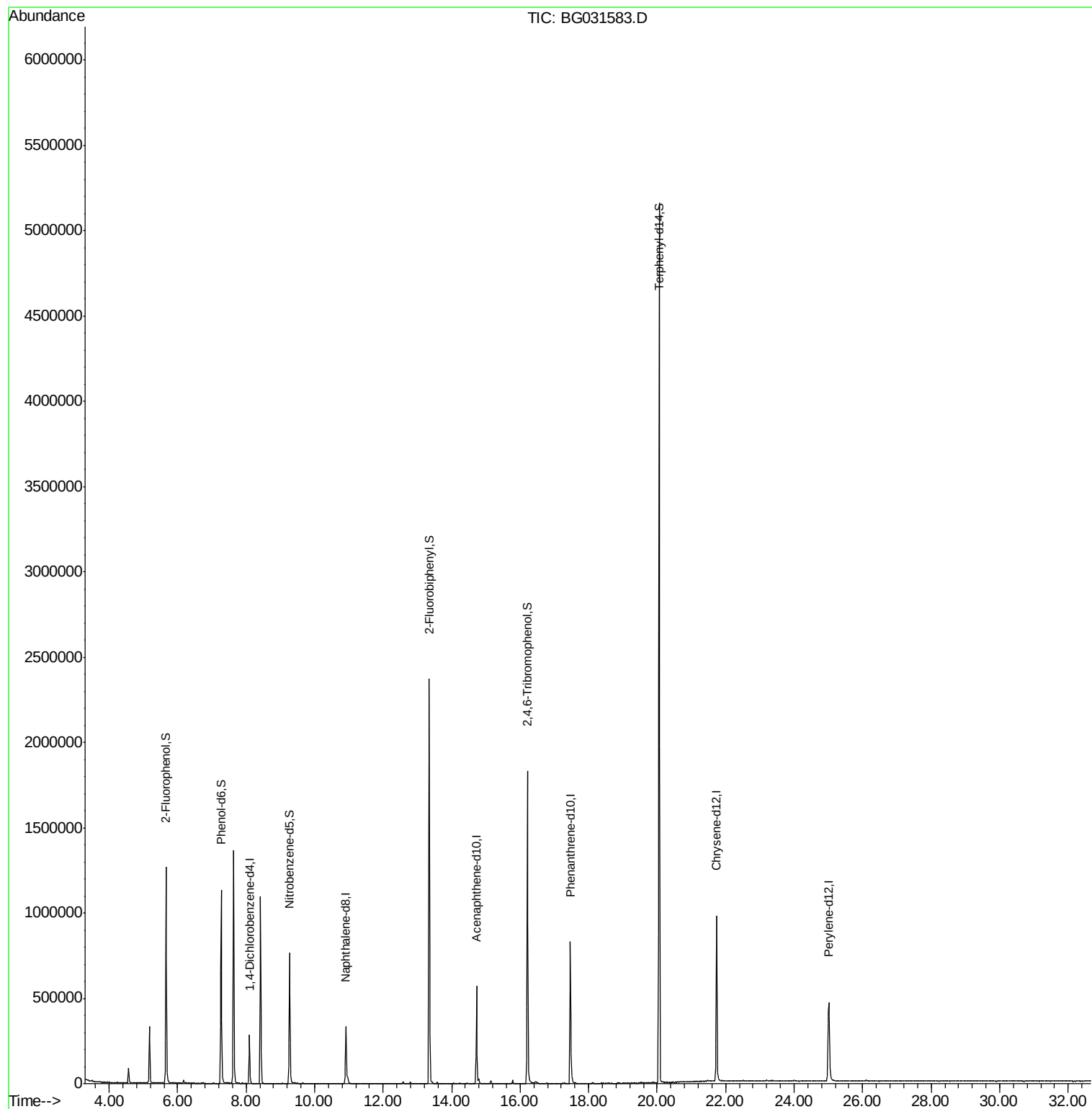
Target Compounds Qvalue

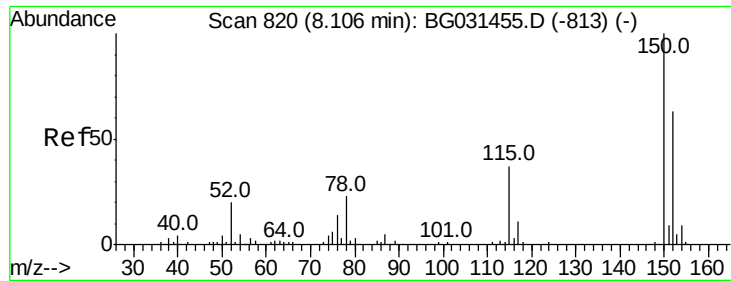
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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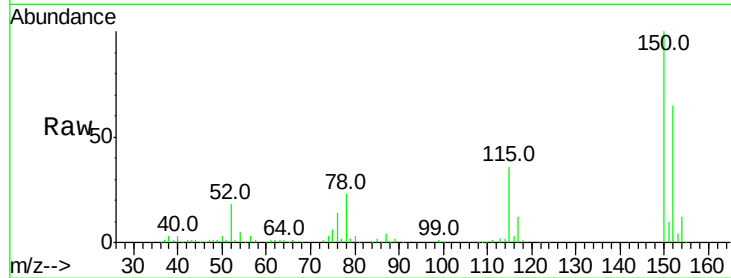


#1

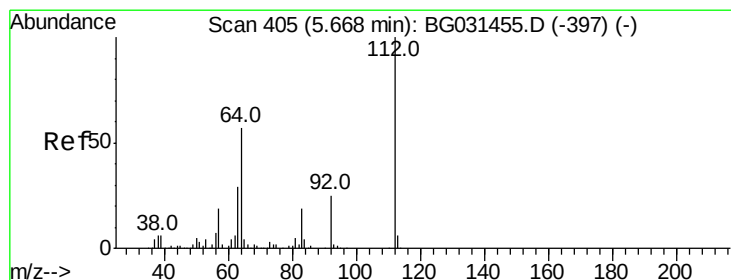
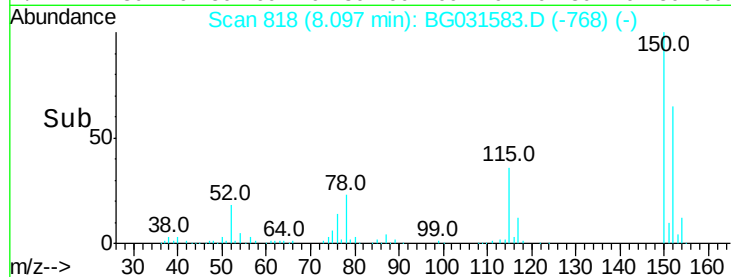
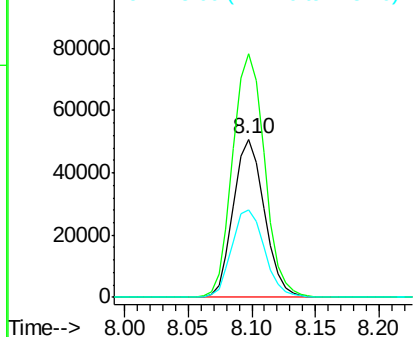
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031583.D
Acq: 15 Dec 2017 7:07

Instrument :
BNA_G
ClientSampleId :
T-1(0-3)

Tot Ion:152 Resp: 86692
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 55.1 53.0 79.4



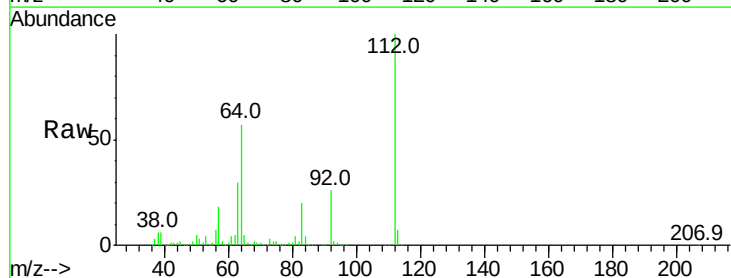
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



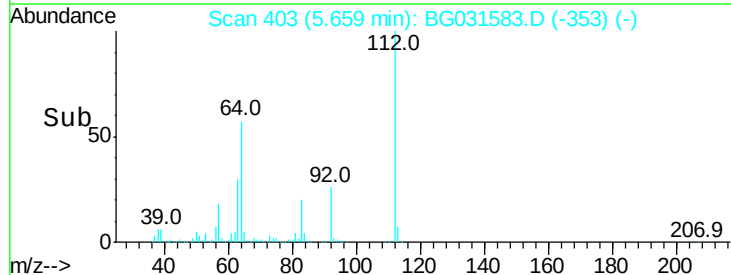
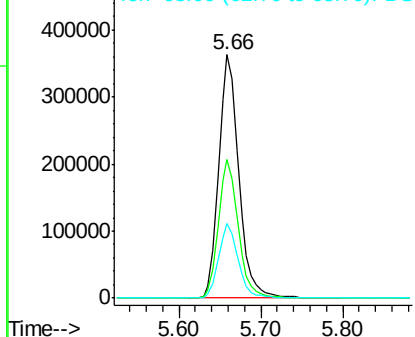
#5

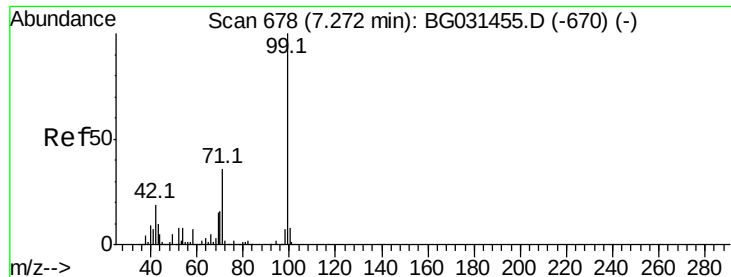
2-Fluorophenol
Concen: 127.102 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031583.D
Acq: 15 Dec 2017 7:07

Tgt Ion:112 Resp: 621643
Ion Ratio Lower Upper
112 100
64 57.0 56.3 84.5
63 30.5 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: 106.341 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031583.D

Acq: 15 Dec 2017 7:07

Instrument :

BNA_G

ClientSampleId :

T-1(0-3)

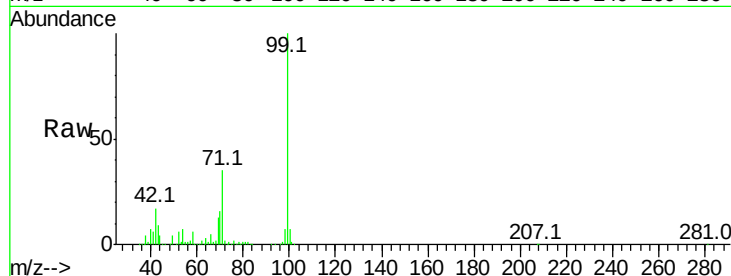
Tot Ion: 99 Resp: 722026

Ion Ratio Lower Upper

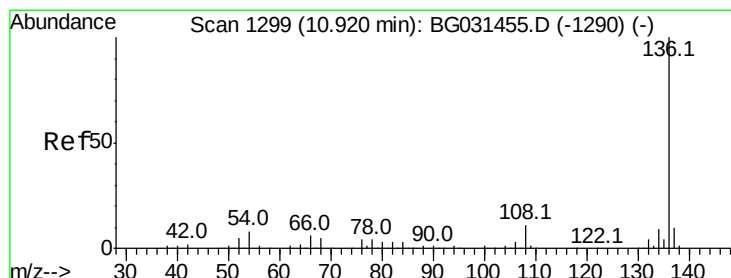
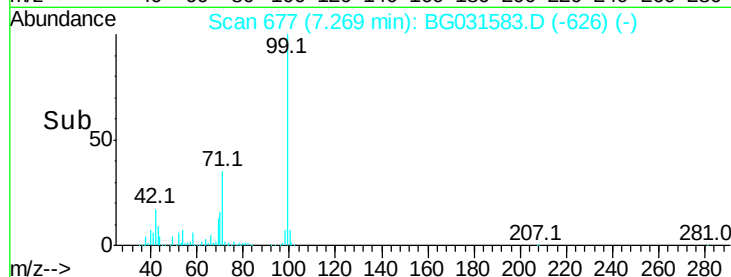
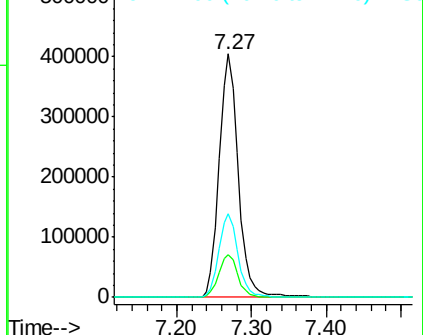
99 100

42 17.3 14.1 21.1

71 34.5 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: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG031583.D

Acq: 15 Dec 2017 7:07

Tgt Ion: 136 Resp: 355105

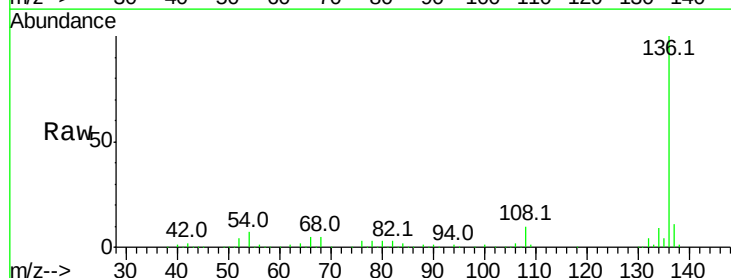
Ion Ratio Lower Upper

136 100

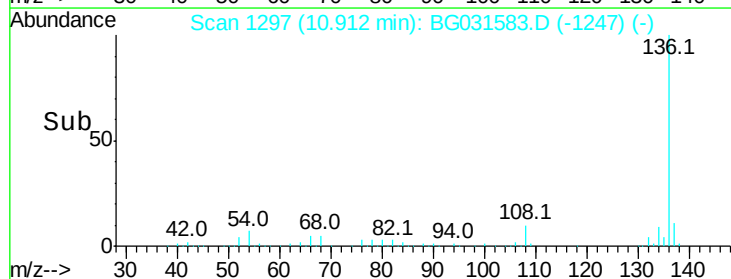
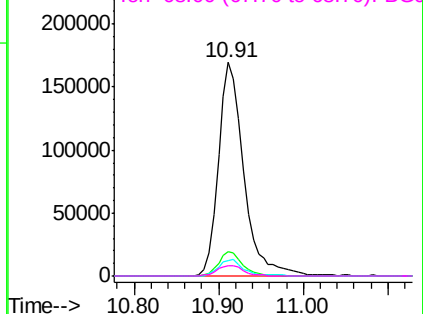
137 11.3 9.2 13.8

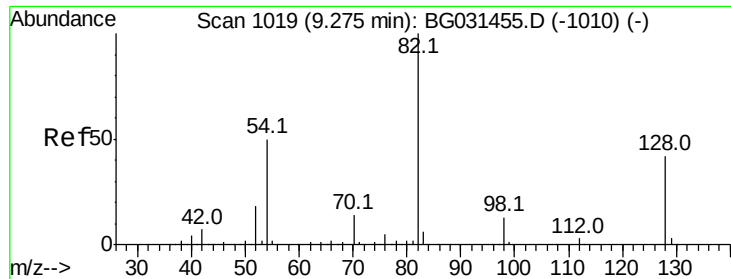
54 6.9 10.3 15.5#

68 4.7 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

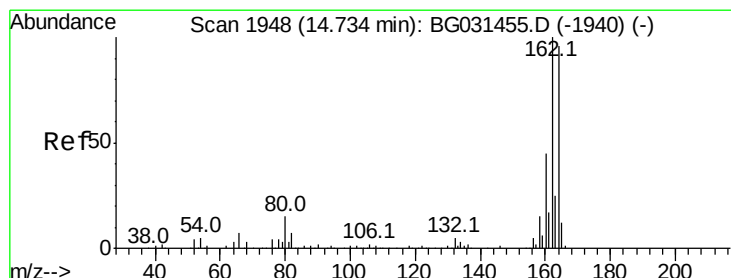
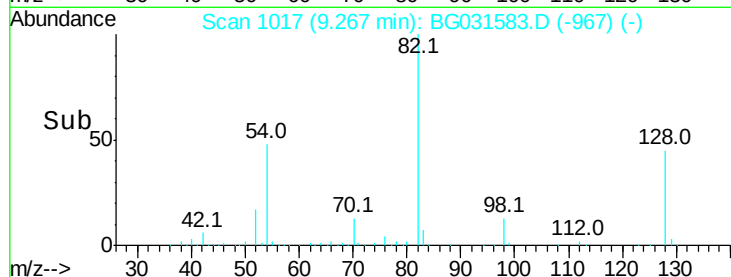
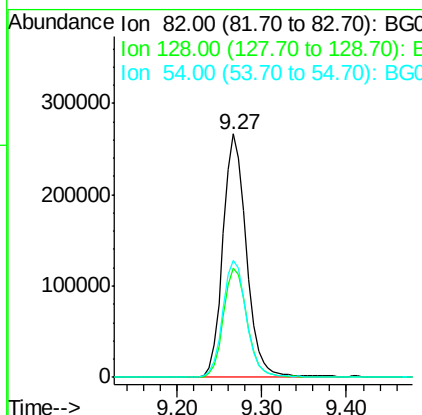
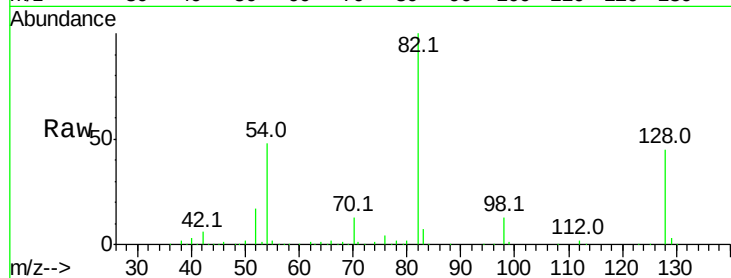




#23
 Nitrobenzene-d5
 Concen: 89.169 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031583.D
 Acq: 15 Dec 2017 7:07

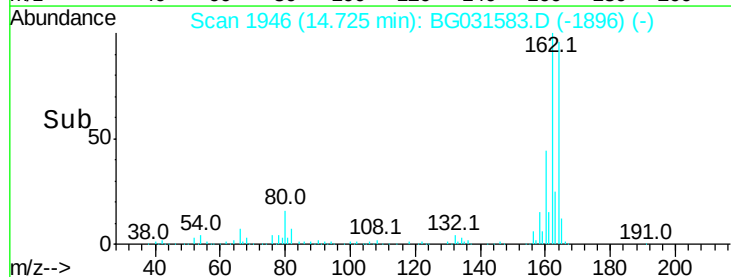
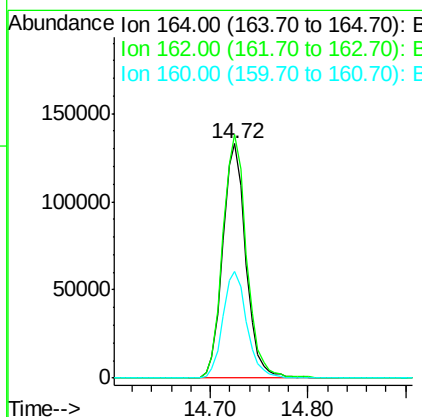
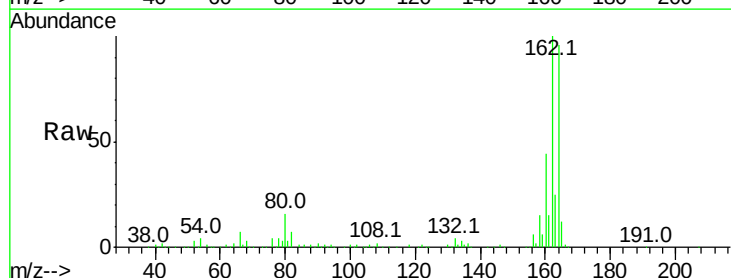
Instrument :
 BNA_G
 ClientSampleId :
 T-1(0-3)

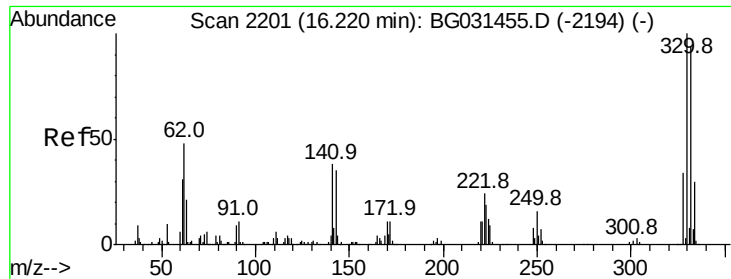
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	29.7	44.5#
54	48.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031583.D
 Acq: 15 Dec 2017 7:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	45.3	35.4	53.0

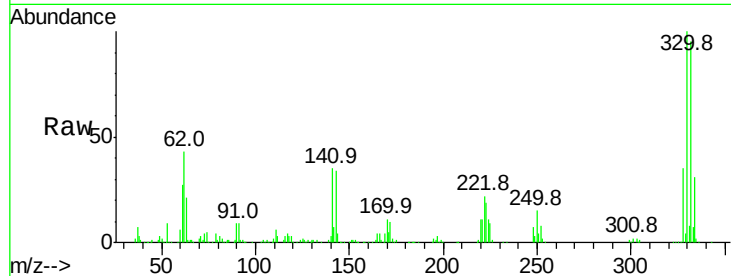




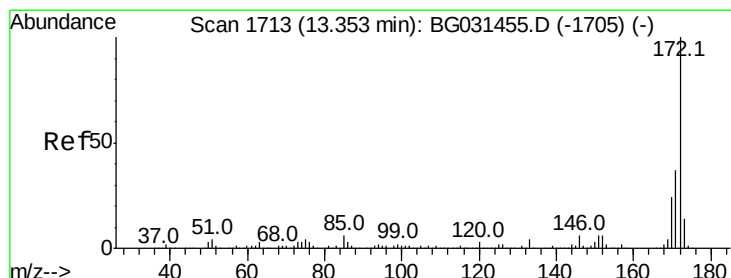
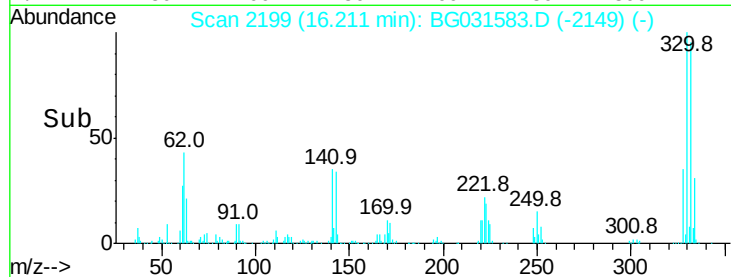
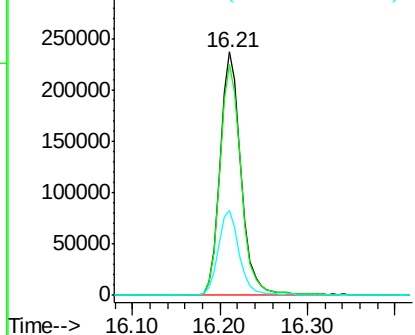
#41
 2,4,6-Tribromophenol
 Concen: 154.268 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031583.D
 Acq: 15 Dec 2017 7:07

Instrument :
 BNA_G
 ClientSampleId :
 T-1(0-3)

Tot Ion:330 Resp: 395649
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 35.0 25.2 37.8

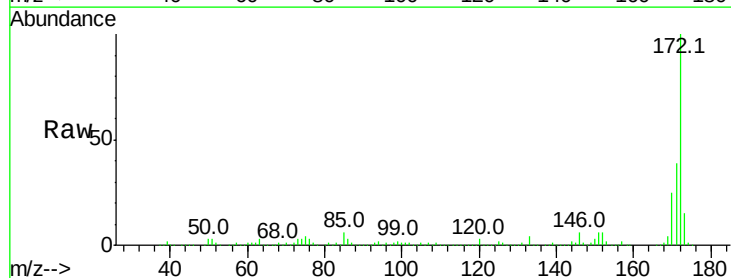


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

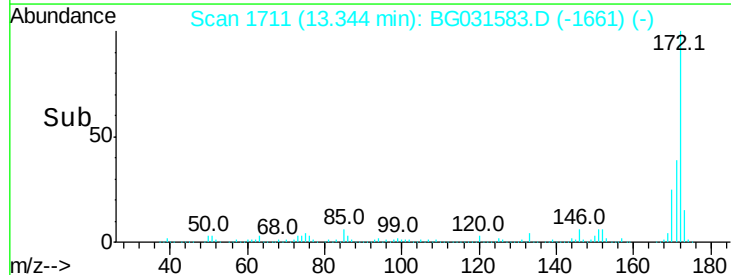
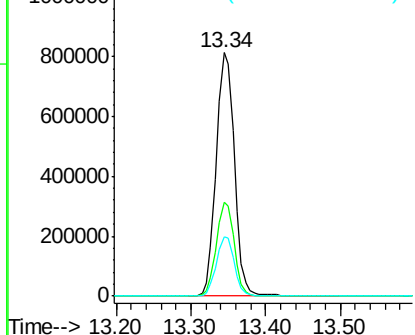


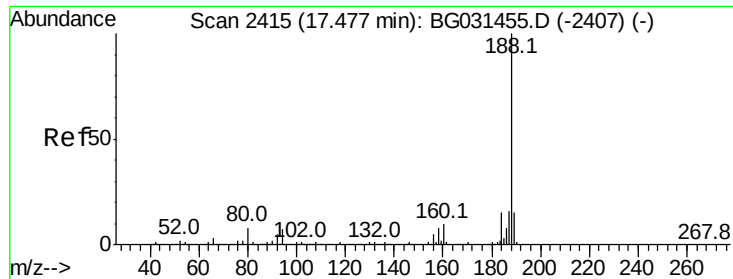
#44
 2-Fluorobiphenyl
 Concen: 92.624 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031583.D
 Acq: 15 Dec 2017 7:07

Tgt Ion:172 Resp: 1381371
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 24.5 19.5 29.3



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

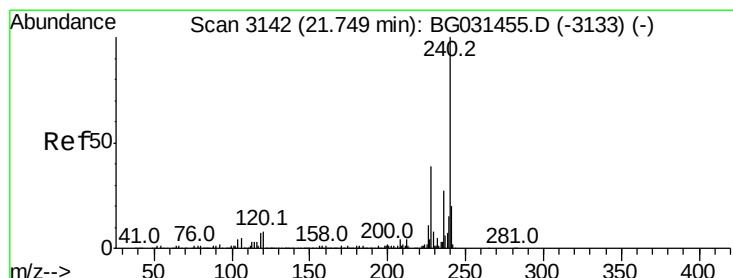
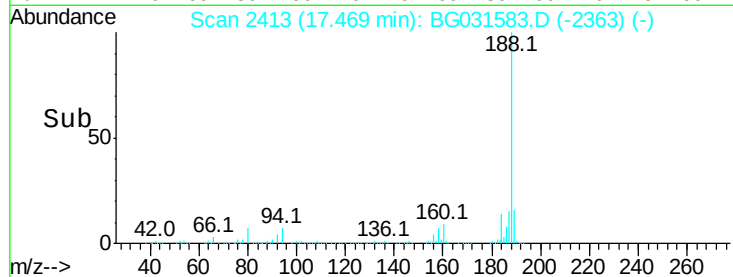
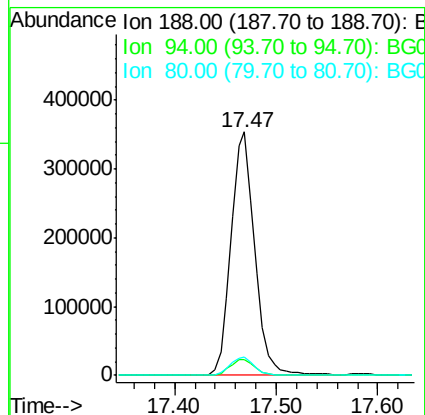
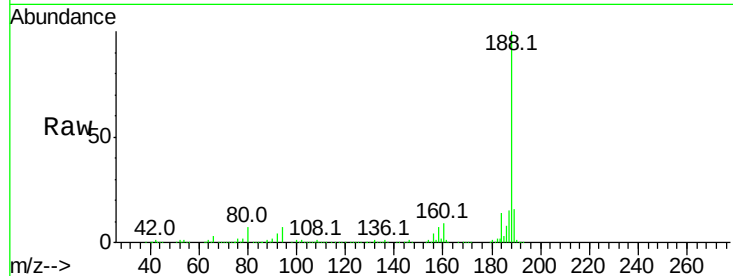




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031583.D
Acq: 15 Dec 2017 7:07

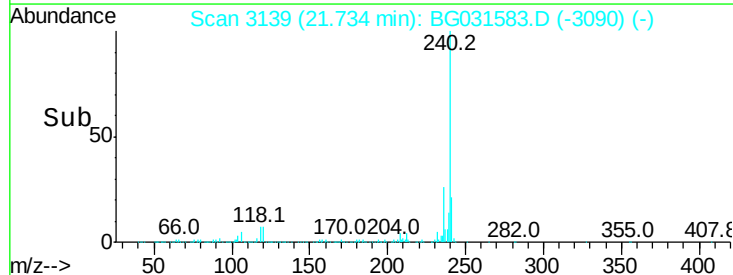
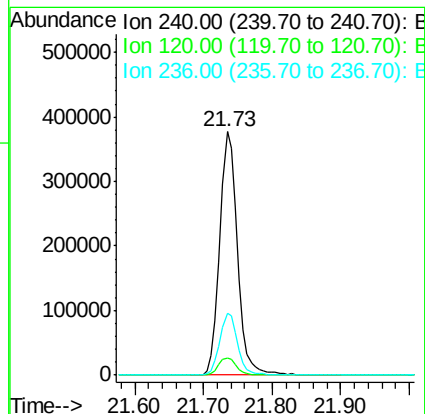
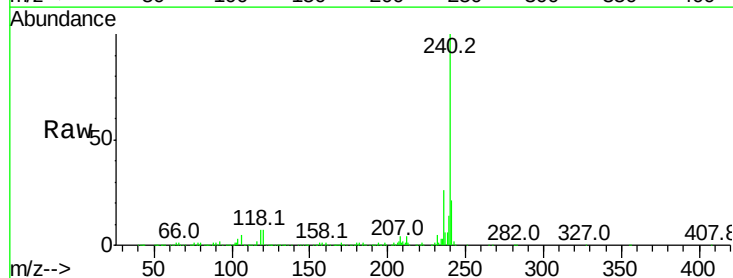
Instrument :
BNA_G
ClientSampleId :
T-1(0-3)

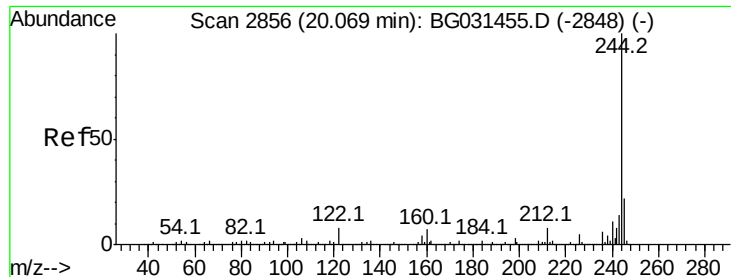
Tot Ion:188 Resp: 573982
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG031583.D
Acq: 15 Dec 2017 7:07

Tgt Ion:240 Resp: 673269
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 82.152 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031583.D

Acq: 15 Dec 2017 7:07

Instrument :

BNA_G

ClientSampleId :

T-1(0-3)

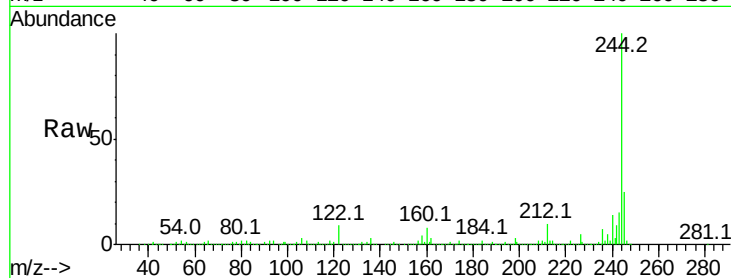
Tot Ion:244 Resp: 2431065

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

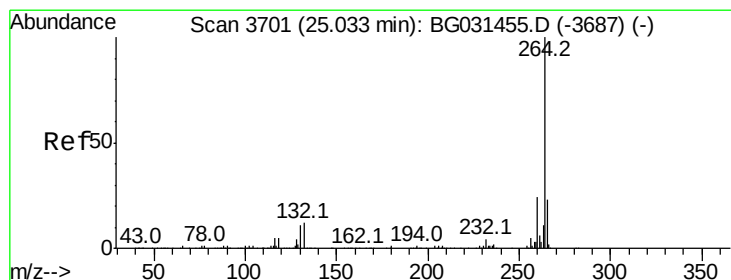
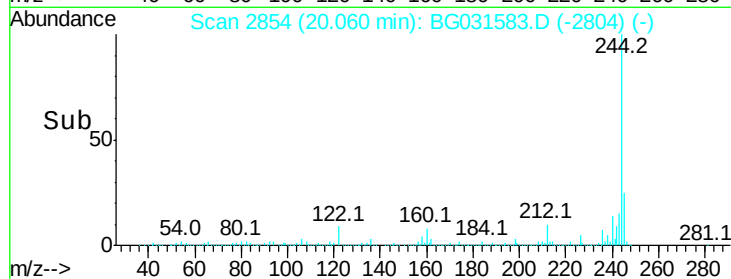
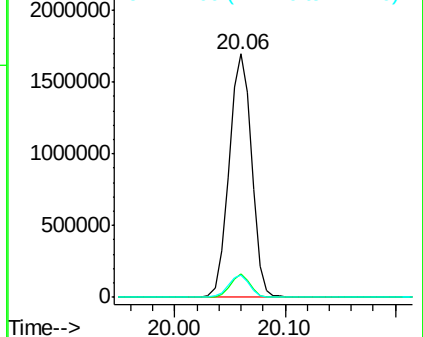
122 9.2 7.0 10.4



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: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031583.D

Acq: 15 Dec 2017 7:07

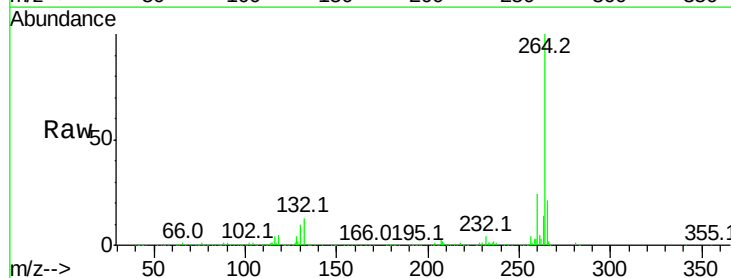
Tgt Ion:264 Resp: 569191

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.0 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

