

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031632.D
 Acq On : 18 Dec 2017 13:25
 Operator : SJ/JU
 Sample : I6909-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121217-DBRI-E-D-S

Quant Time: Dec 19 07:00:12 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	73830	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	326016	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	222894	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	582547	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	621321	20.00	ng	-0.01
86) Perylene-d12	25.01	264	527979	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	172502	41.41	ng	-0.01
7) Phenol-d6	7.27	99	133524	23.09	ng	0.00
23) Nitrobenzene-d5	9.27	82	461385	87.23	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	259459	99.36	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1414410	93.15	ng	0.00
78) Terphenyl-d14	20.06	244	2310600	84.61	ng	-0.01

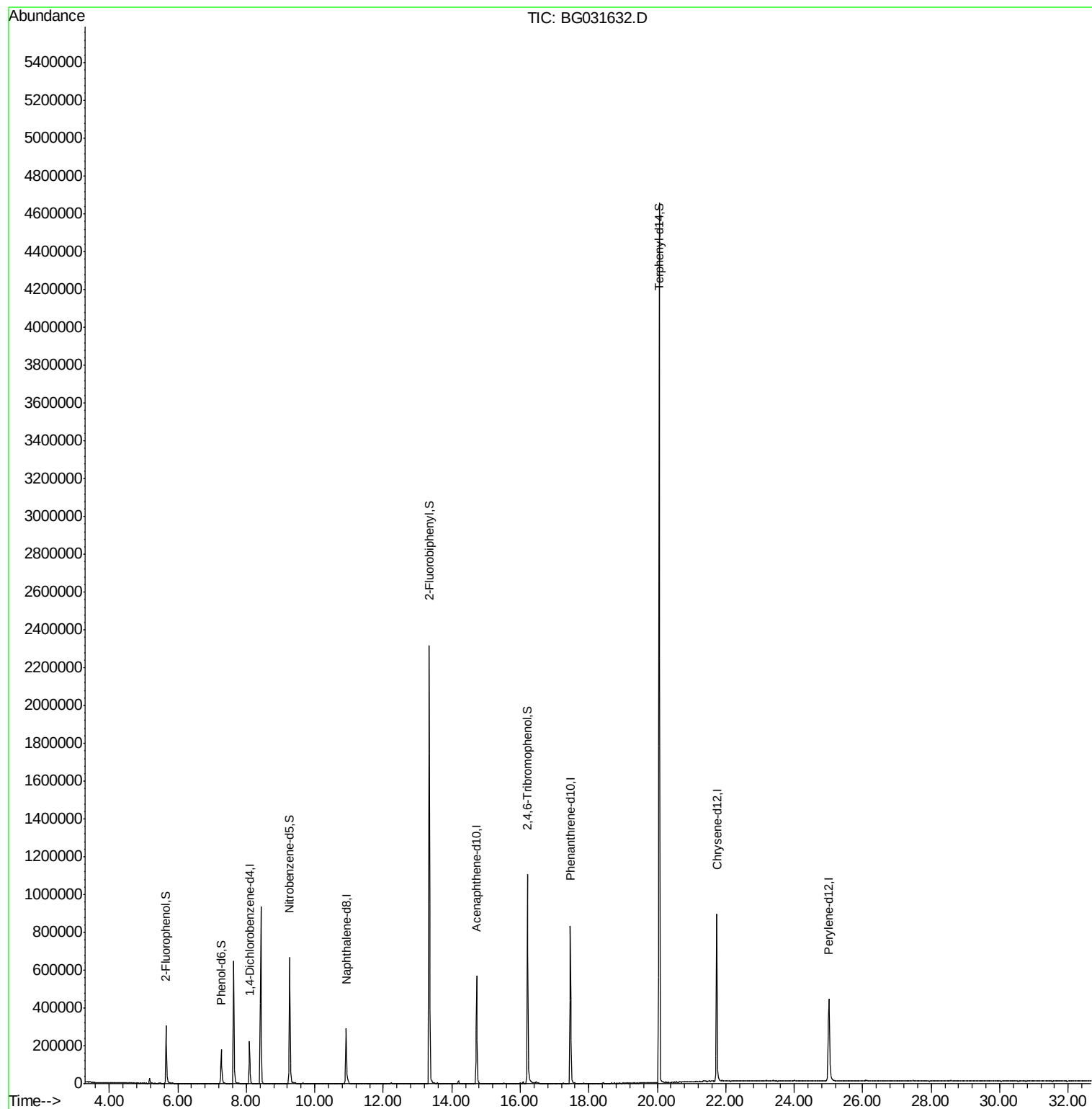
Target Compounds	Qvalue
------------------	--------

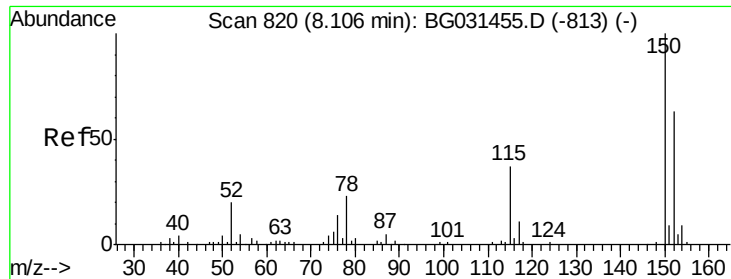
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031632.D
Acq On : 18 Dec 2017 13:25
Operator : SJ/JU
Sample : I6909-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121217-DBRI-E-D-S

Quant Time: Dec 19 07:00:12 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG031632.D

Acq: 18 Dec 2017 13:25

Instrument :

BNA_G

ClientSampleId :

121217-DBRI-E-D-S

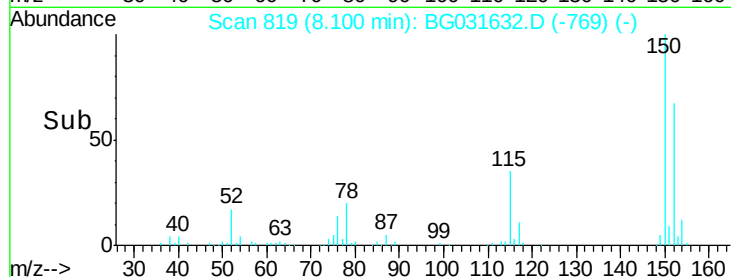
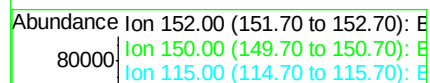
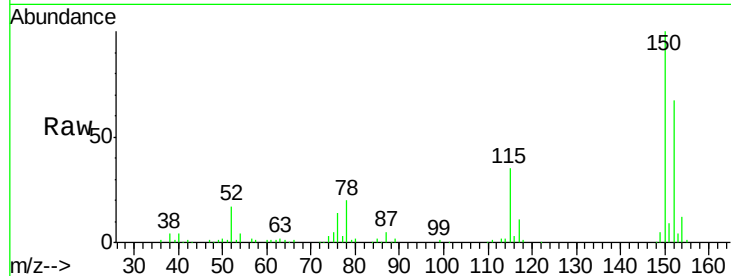
Tgt Ion:152 Resp: 73830

Ion Ratio Lower Upper

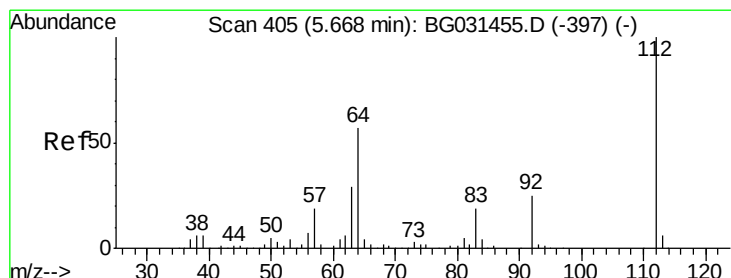
152 100

150 149.9 126.6 189.8

115 52.5 53.0 79.4#



Time-->



#5

2-Fluorophenol

Concen: 41.414 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031632.D

Acq: 18 Dec 2017 13:25

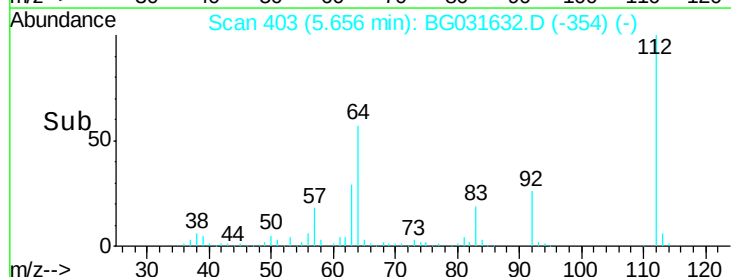
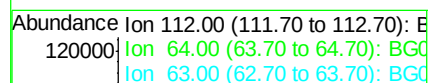
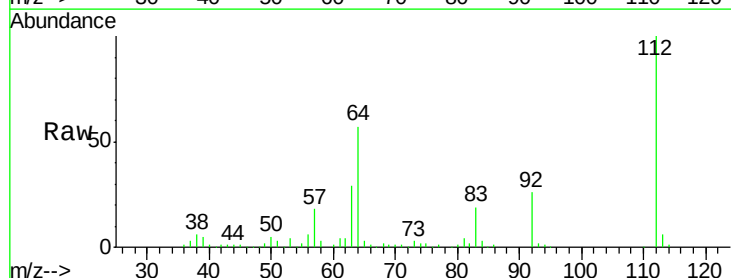
Tgt Ion:112 Resp: 172502

Ion Ratio Lower Upper

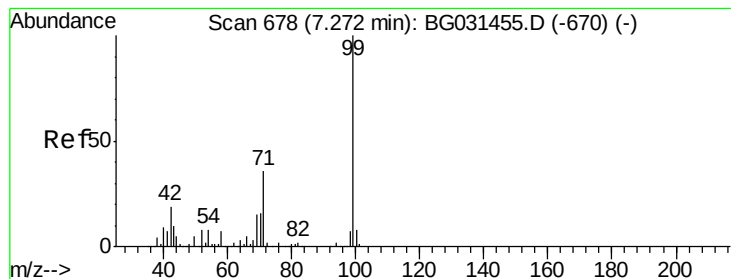
112 100

64 57.4 56.3 84.5

63 29.4 30.1 45.1#



Time-->



#7

Phenol-d6

Concen: 23.092 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031632.D

Acq: 18 Dec 2017 13:25

Instrument :

BNA_G

ClientSampleId :

121217-DBRI-E-D-S

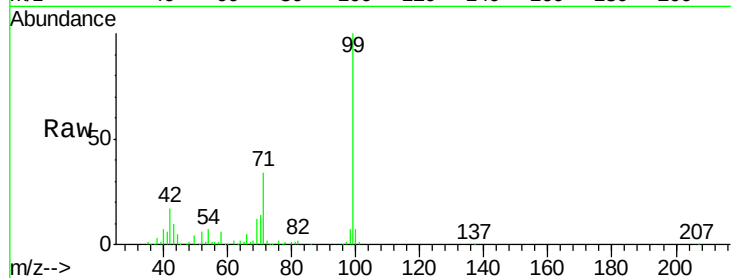
Tgt Ion: 99 Resp: 133524

Ion Ratio Lower Upper

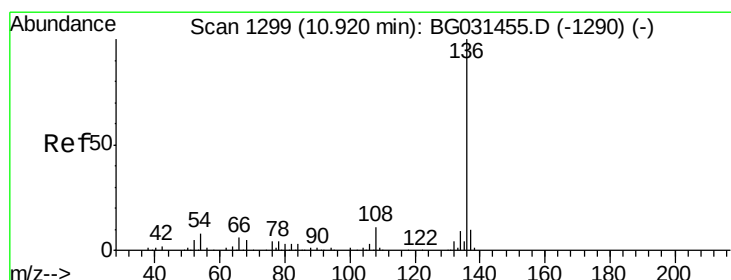
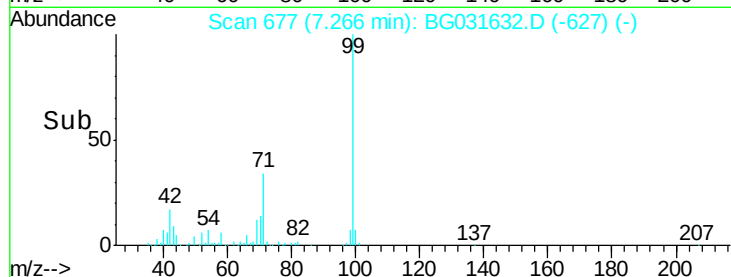
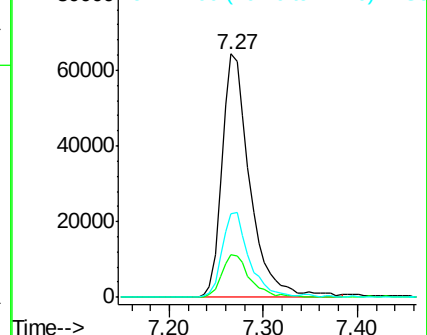
99 100

42 17.4 14.1 21.1

71 34.1 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# 1298

Delta R.T. -0.01 min

Lab File: BG031632.D

Acq: 18 Dec 2017 13:25

Tgt Ion: 136 Resp: 326016

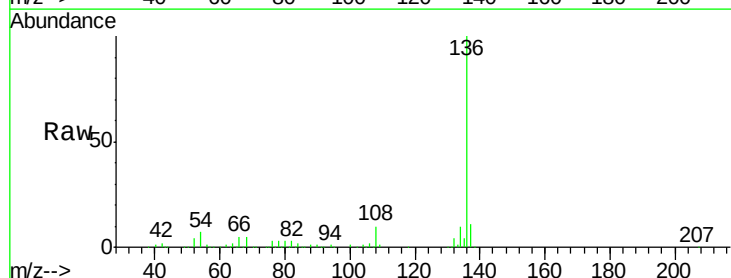
Ion Ratio Lower Upper

136 100

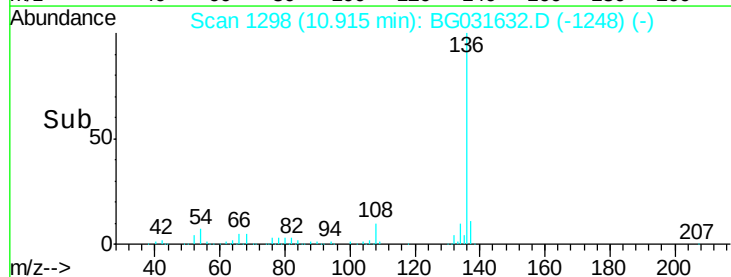
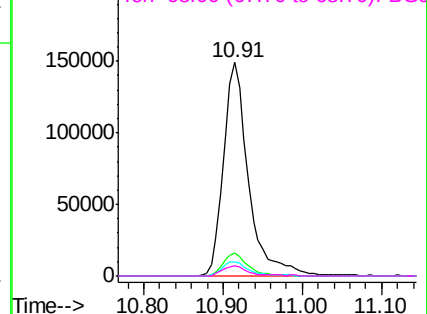
137 10.5 9.2 13.8

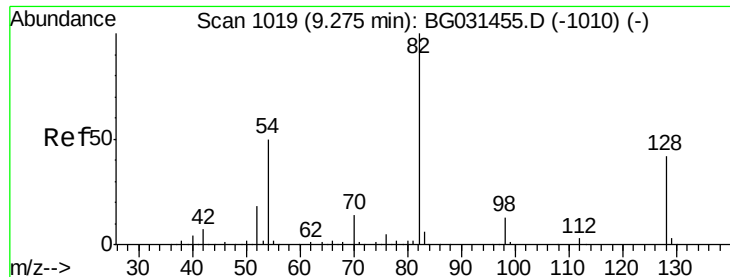
54 6.8 10.3 15.5#

68 4.8 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

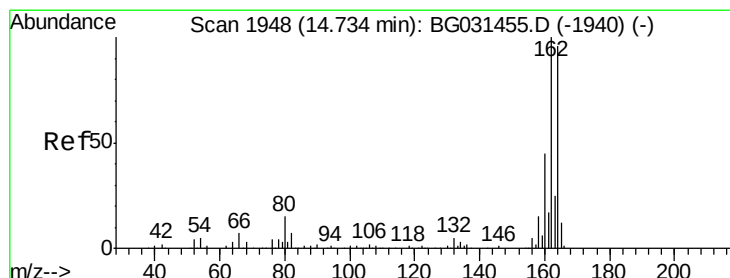
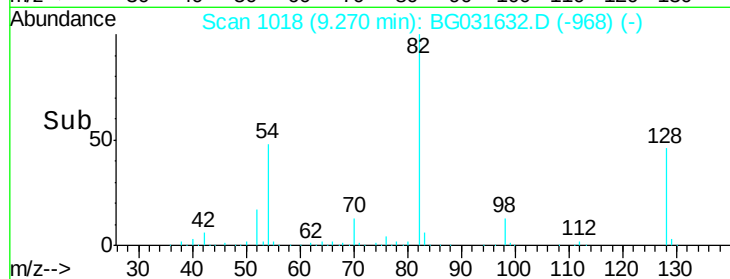
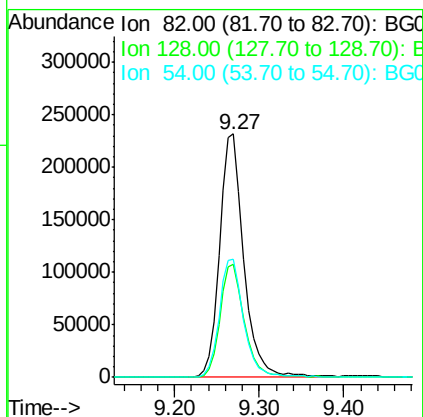
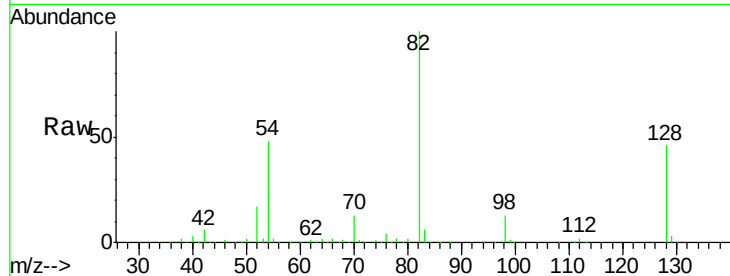




#23
 Nitrobenzene-d5
 Concen: 87.230 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031632.D
 Acq: 18 Dec 2017 13:25

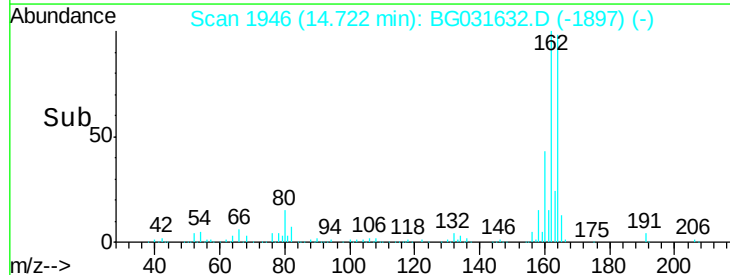
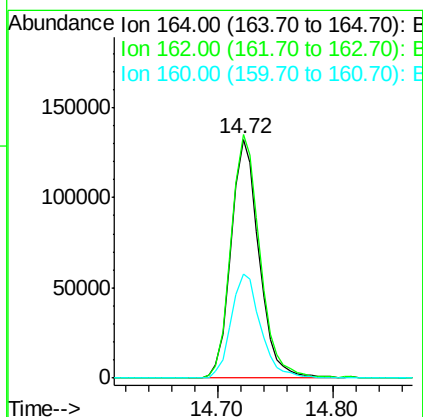
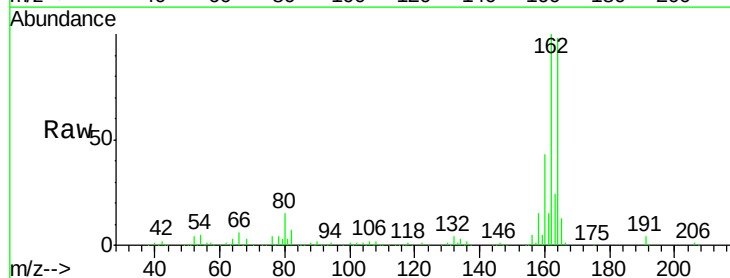
Instrument :
 BNA_G
 ClientSampleId :
 121217-DBRI-E-D-S

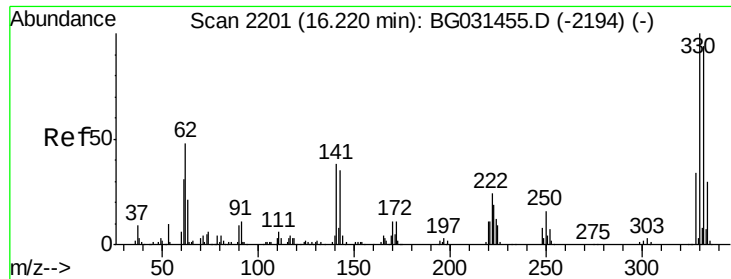
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	29.7	44.5#
54	48.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031632.D
 Acq: 18 Dec 2017 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	43.8	35.4	53.0

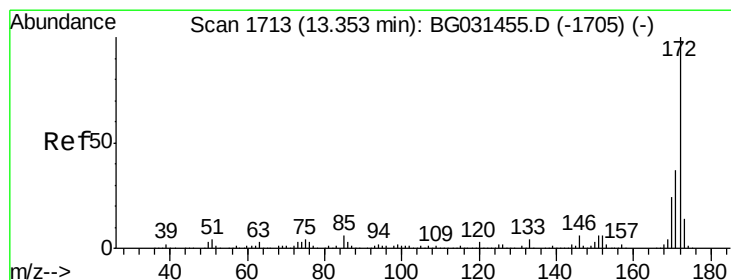
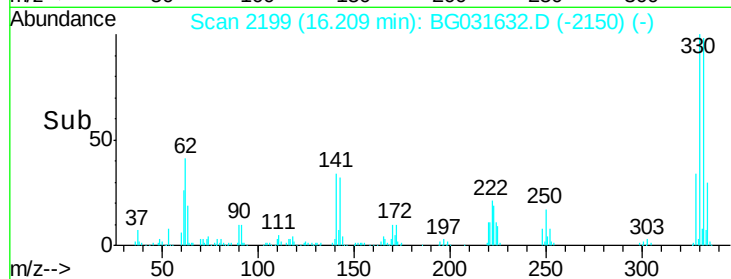
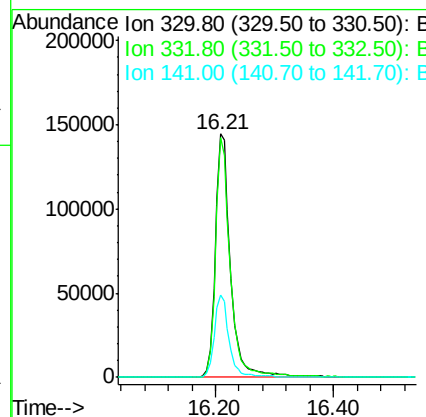
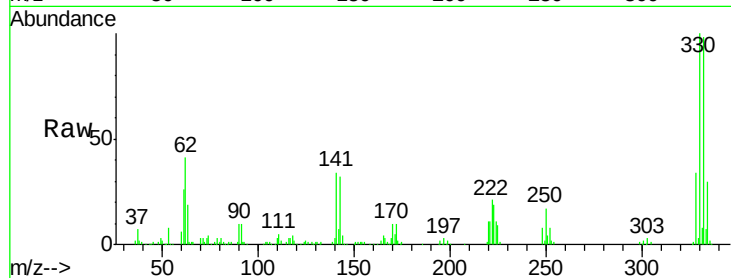




#41
 2,4,6-Tribromophenol
 Concen: 99.360 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031632.D
 Acq: 18 Dec 2017 13:25

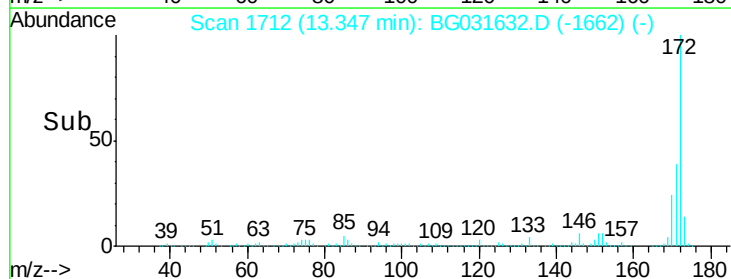
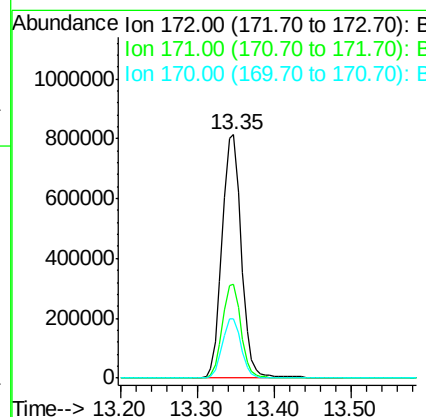
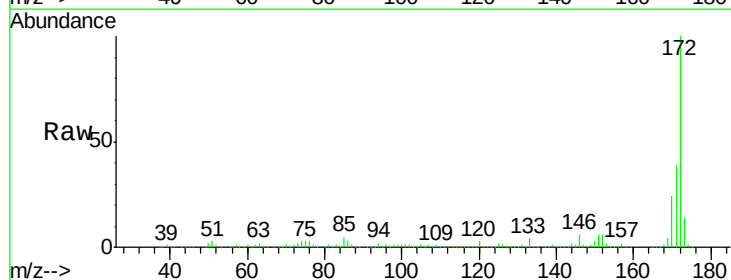
Instrument :
 BNA_G
 ClientSampleId :
 121217-DBRI-E-D-S

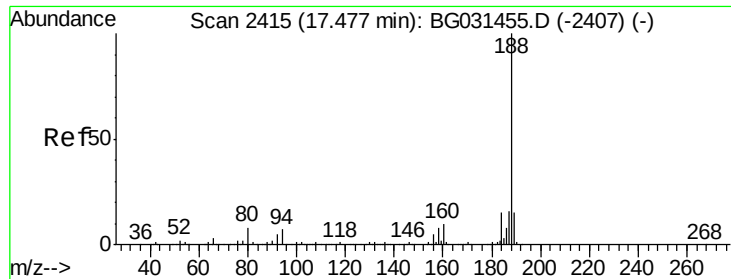
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	33.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 93.146 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031632.D
 Acq: 18 Dec 2017 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	24.2	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031632.D

Acq: 18 Dec 2017 13:25

Instrument :

BNA_G

ClientSampleId :

121217-DBRI-E-D-S

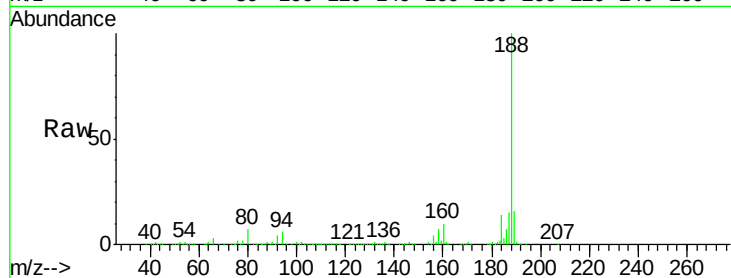
Tgt Ion:188 Resp: 582547

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

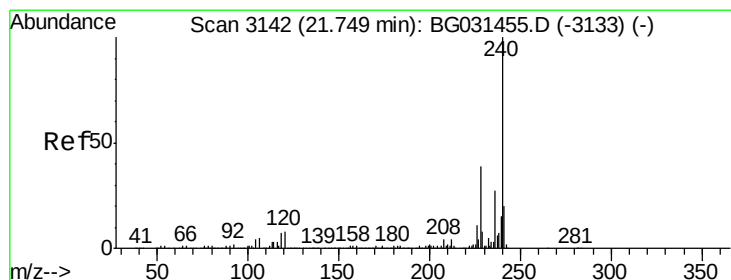
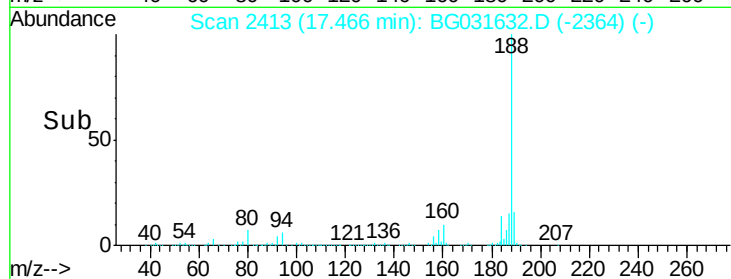
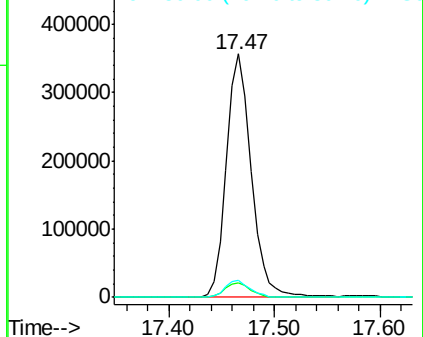
80 7.1 7.7 11.5#



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: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031632.D

Acq: 18 Dec 2017 13:25

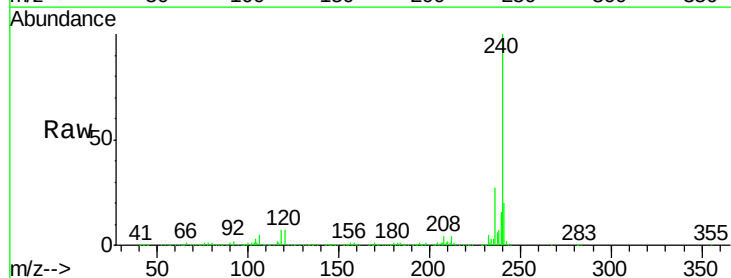
Tgt Ion:240 Resp: 621321

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

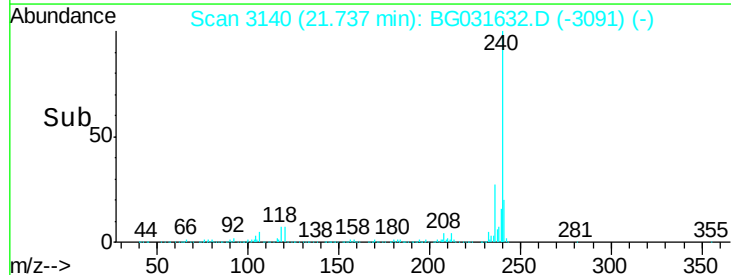
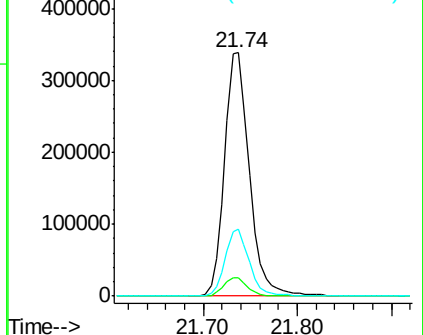
236 27.3 20.9 31.3

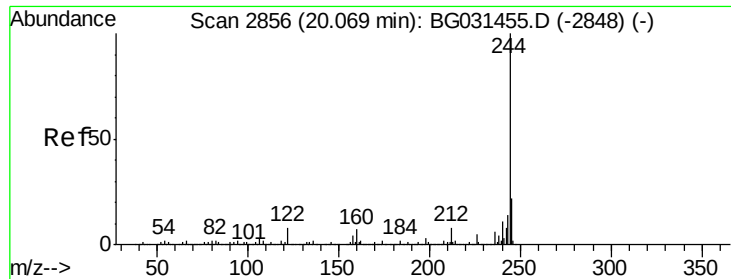


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.610 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031632.D

Acq: 18 Dec 2017 13:25

Instrument :

BNA_G

ClientSampleId :

121217-DBRI-E-D-S

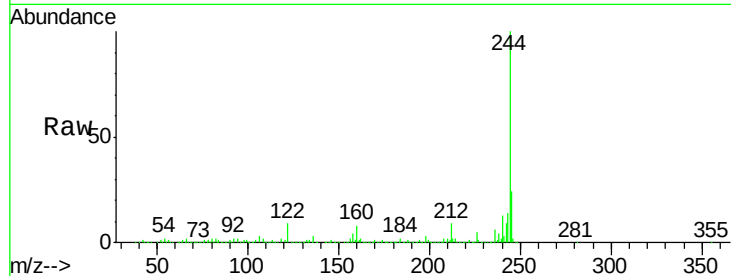
Tgt Ion:244 Resp: 2310600

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

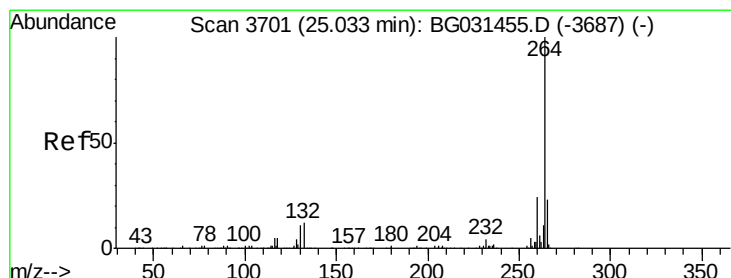
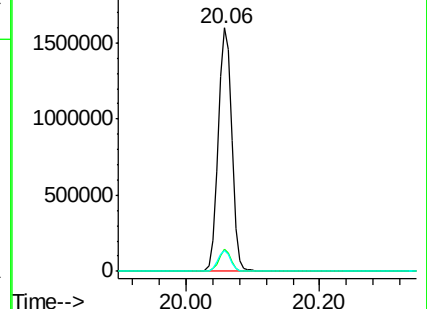
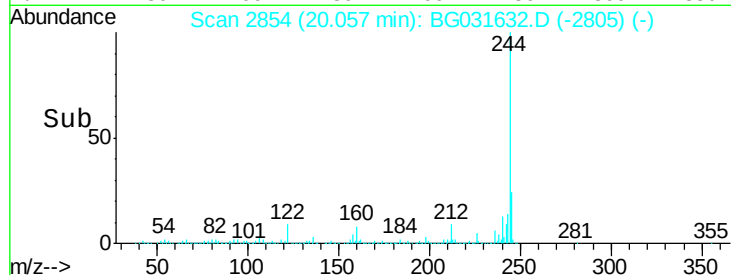
122 8.7 7.0 10.4



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: BG031632.D

Acq: 18 Dec 2017 13:25

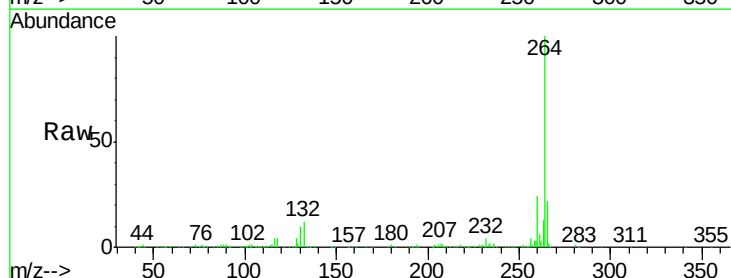
Tgt Ion:264 Resp: 527979

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.6 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

