

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031634.D
 Acq On : 18 Dec 2017 14:41
 Operator : SJ/JU
 Sample : I6909-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 19 07:29:34 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	8.09	152	77081	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	341918	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	234959	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	599555	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	644040	20.00	ng	-0.02
86) Perylene-d12	25.02	264	553598	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	196465	45.18	ng	-0.01
7) Phenol-d6	7.27	99	156919	25.99	ng	0.00
23) Nitrobenzene-d5	9.27	82	482098	86.91	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	256630	93.23	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1457190	91.04	ng	0.00
78) Terphenyl-d14	20.06	244	2392006	84.50	ng	-0.01

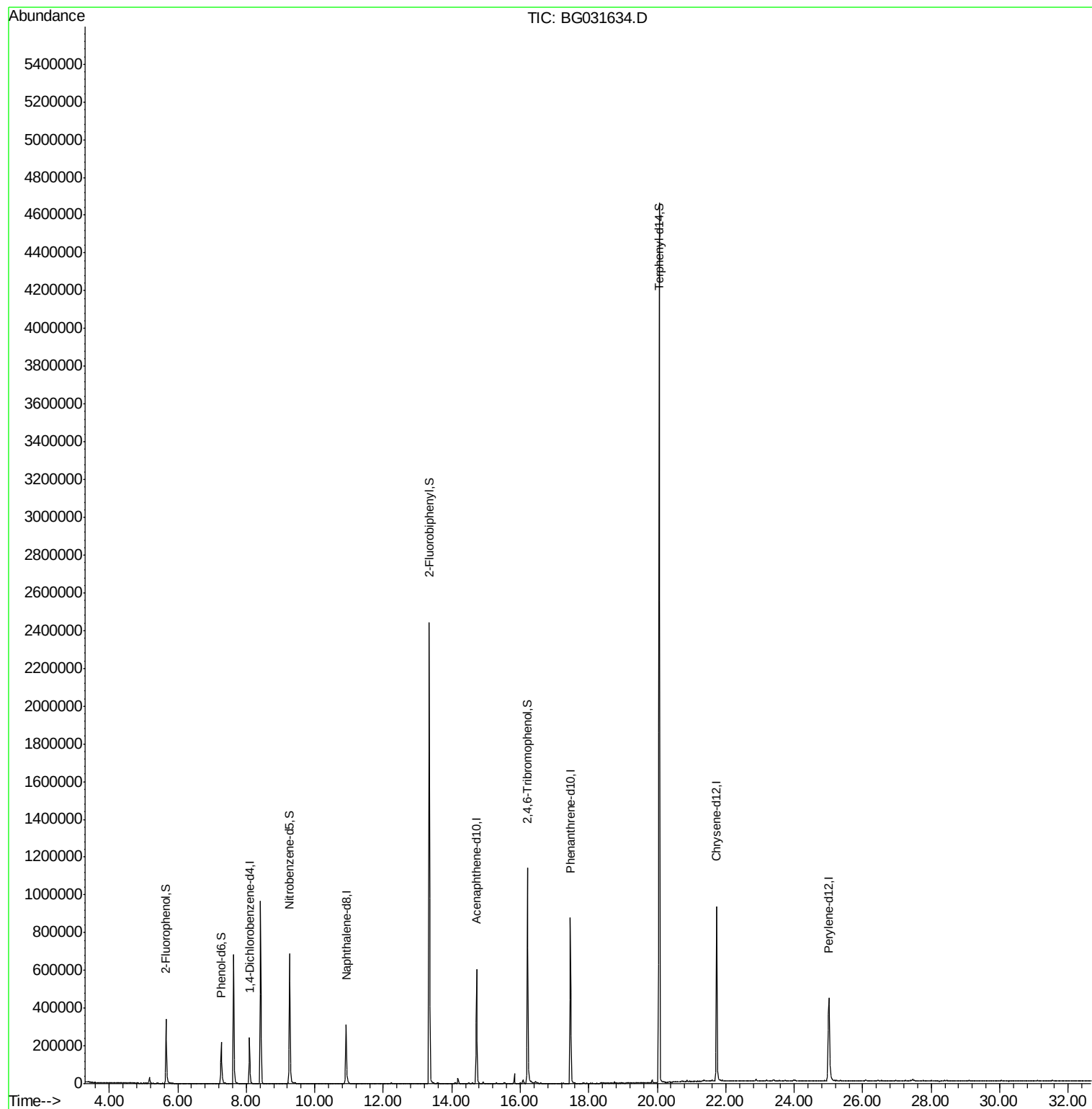
Target Compounds	Qvalue
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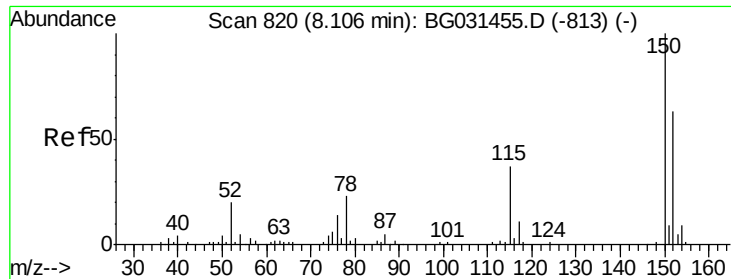
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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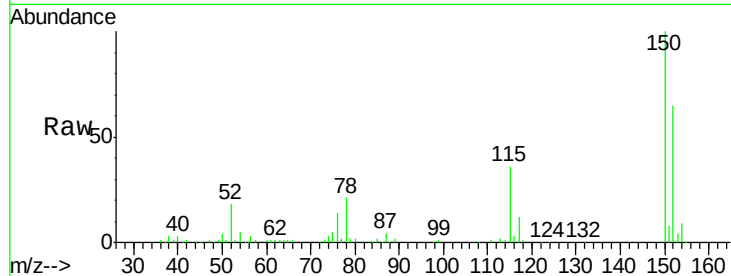


#1

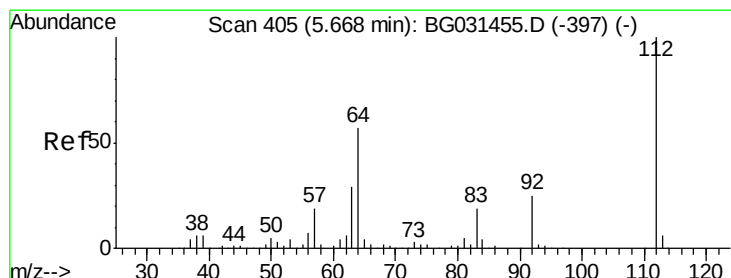
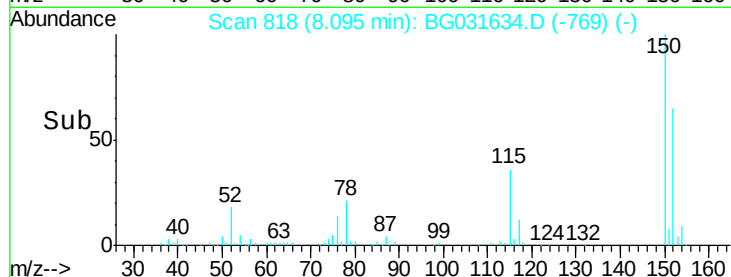
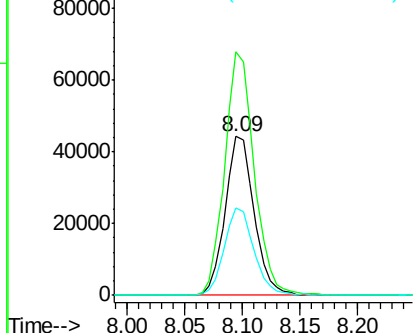
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031634.D
Acq: 18 Dec 2017 14:41

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

Tgt Ion:152 Resp: 77081
Ion Ratio Lower Upper
152 100
150 153.6 126.6 189.8
115 55.5 53.0 79.4



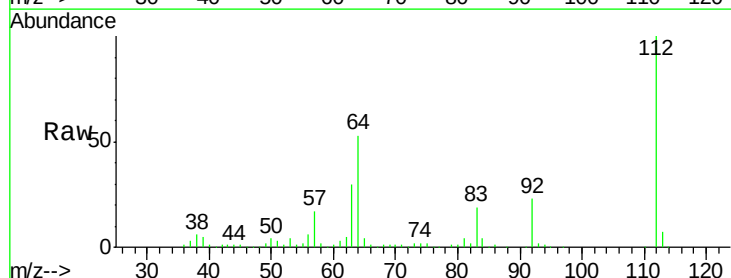
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



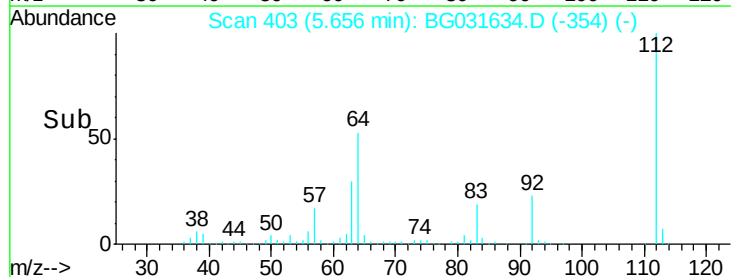
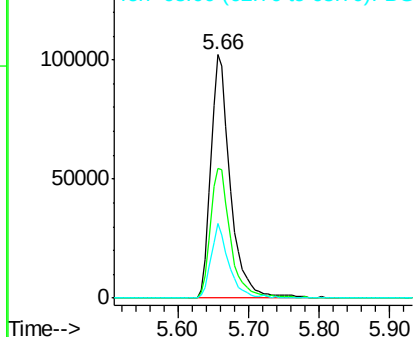
#5

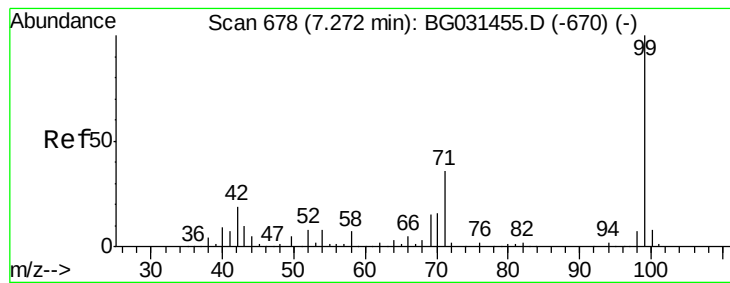
2-Fluorophenol
Concen: 45.178 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031634.D
Acq: 18 Dec 2017 14:41

Tgt Ion:112 Resp: 196465
Ion Ratio Lower Upper
112 100
64 53.1 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: 25.993 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031634.D

Acq: 18 Dec 2017 14:41

Instrument :

BNA_G

ClientSampleId :

121217-DBRI-E-U-S

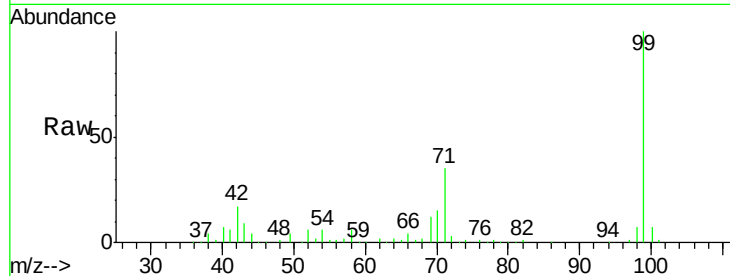
Tgt Ion: 99 Resp: 156919

Ion Ratio Lower Upper

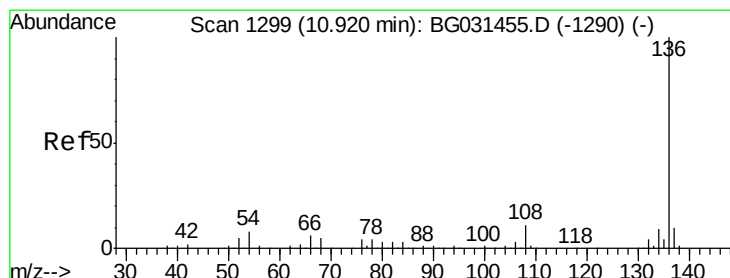
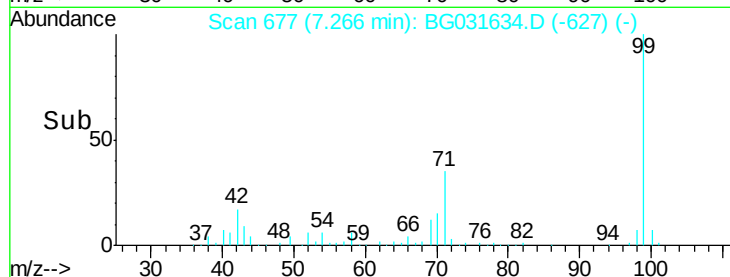
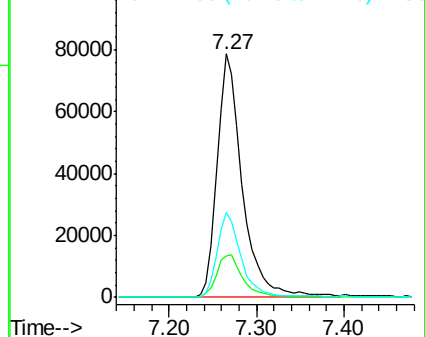
99 100

42 16.8 14.1 21.1

71 34.9 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031634.D

Acq: 18 Dec 2017 14:41

Tgt Ion: 136 Resp: 341918

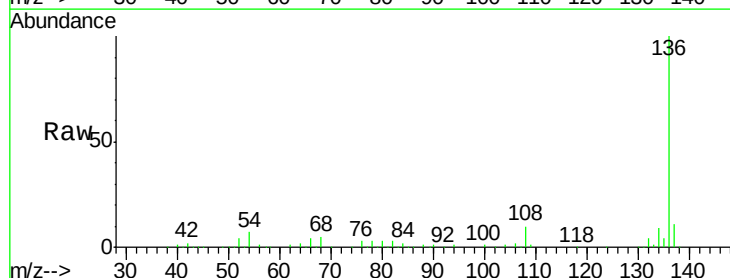
Ion Ratio Lower Upper

136 100

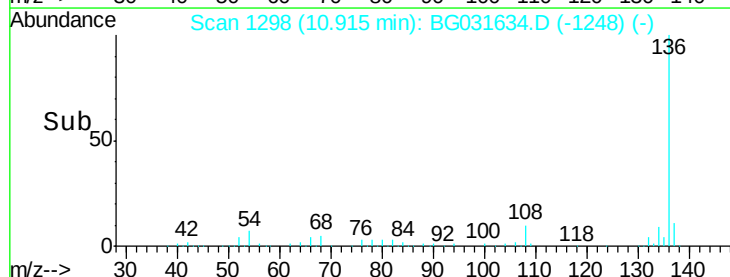
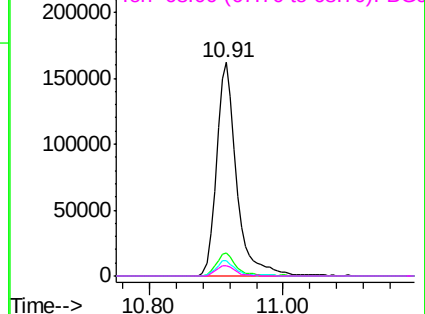
137 10.6 9.2 13.8

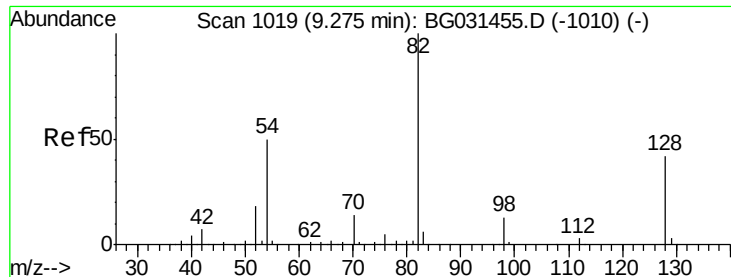
54 7.0 10.3 15.5#

68 5.0 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

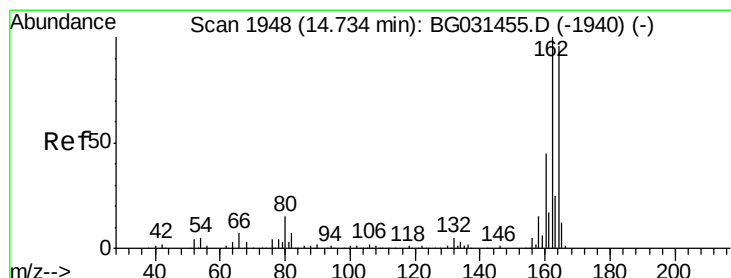
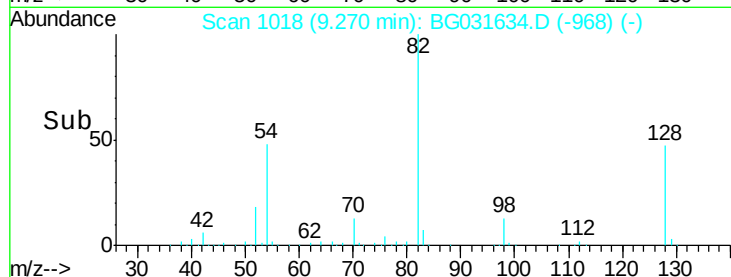
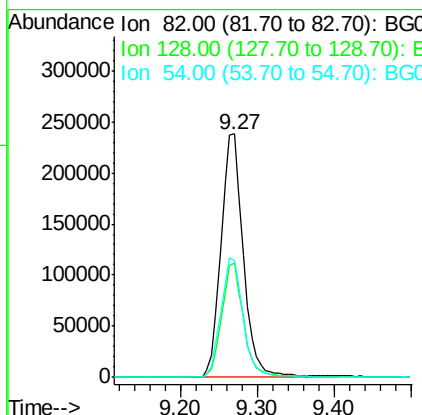
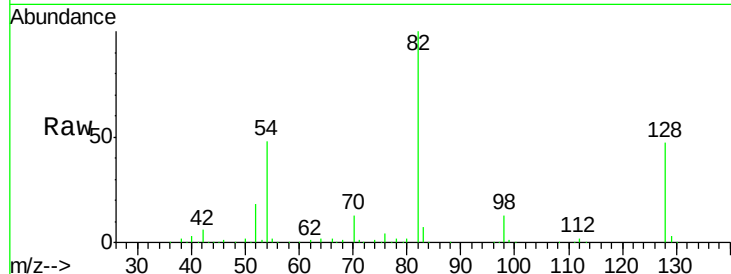




#23
 Nitrobenzene-d5
 Concen: 86.907 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

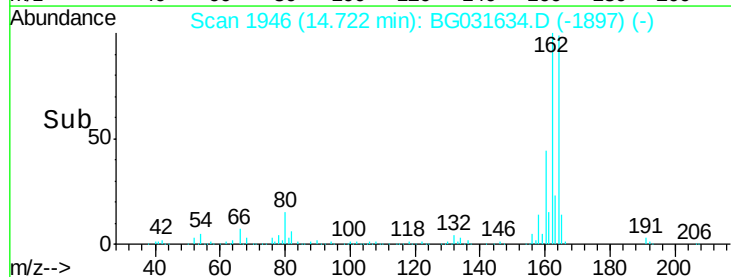
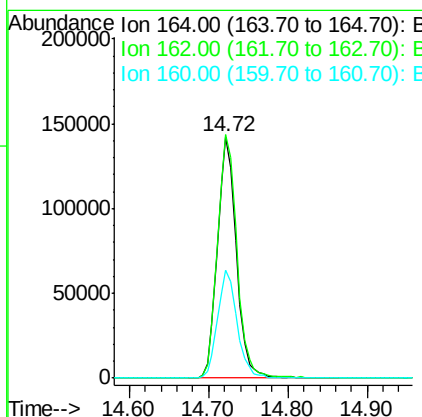
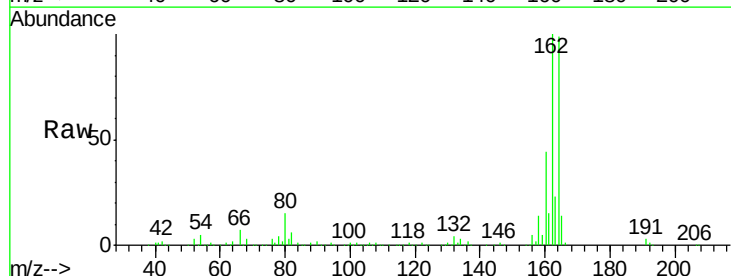
Instrument :
 BNA_G
 ClientSampleId :
 121217-DBRI-E-U-S

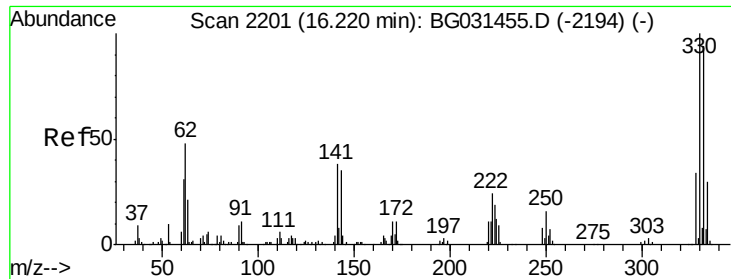
Tgt Ion: 82 Resp: 482098
 Ion Ratio Lower Upper
 82 100
 128 47.1 29.7 44.5#
 54 48.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

Tgt Ion: 164 Resp: 234959
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 44.6 35.4 53.0

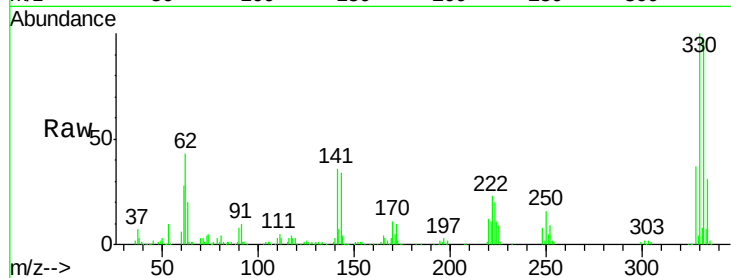




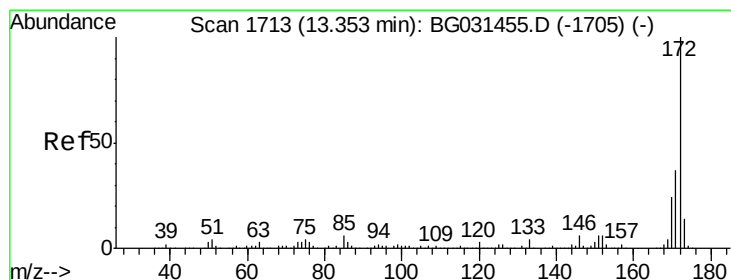
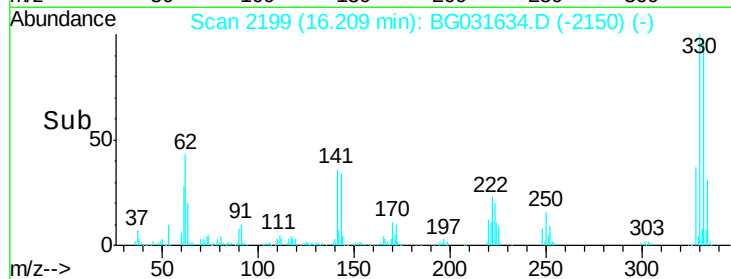
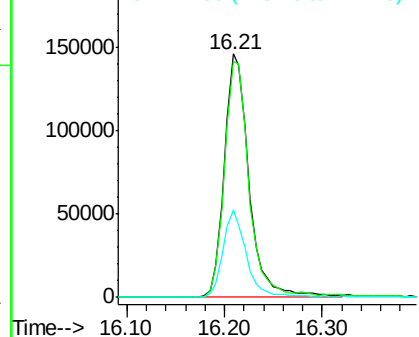
#41
 2,4,6-Tribromophenol
 Concen: 93.230 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

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

Tgt Ion:330 Resp: 256630
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 34.1 25.2 37.8

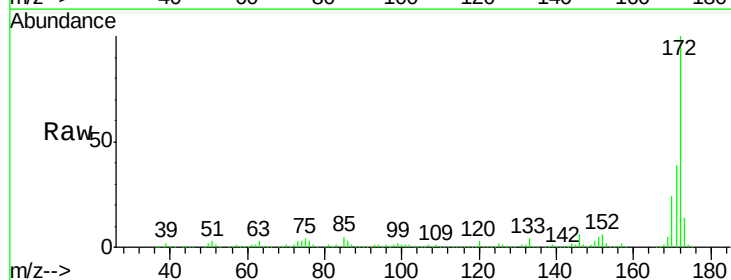


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

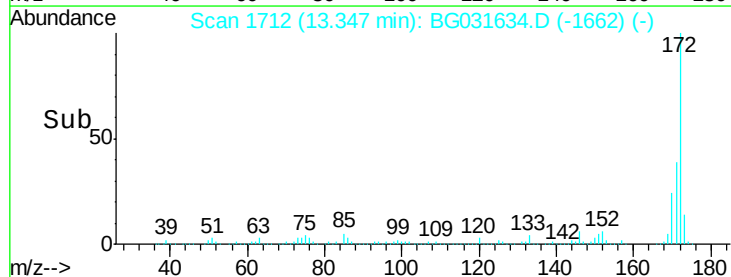
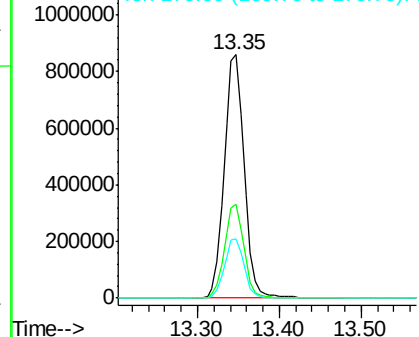


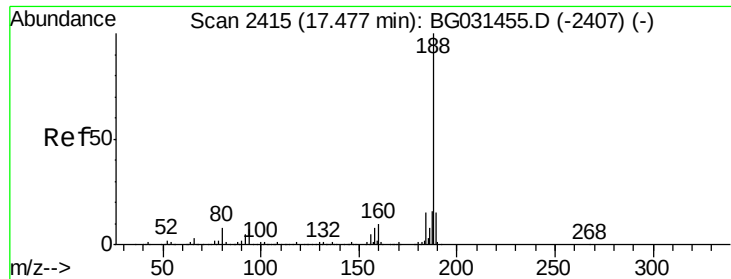
#44
 2-Fluorobiphenyl
 Concen: 91.036 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031634.D
 Acq: 18 Dec 2017 14:41

Tgt Ion:172 Resp: 1457190
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 24.3 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

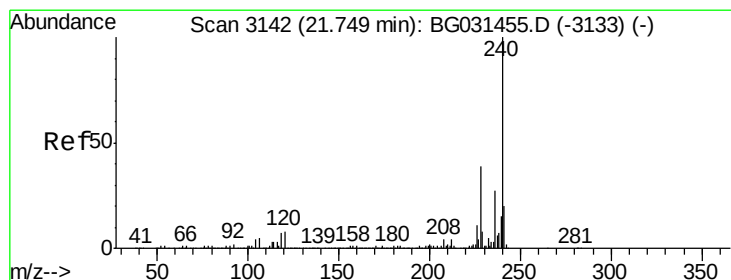
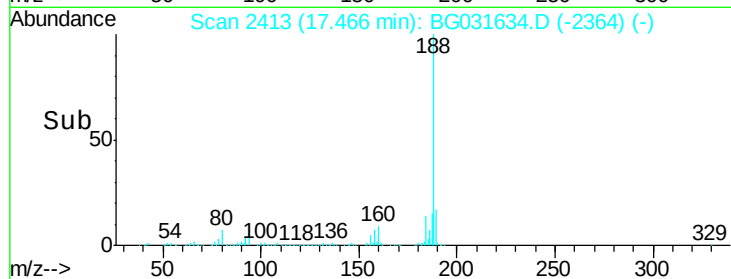
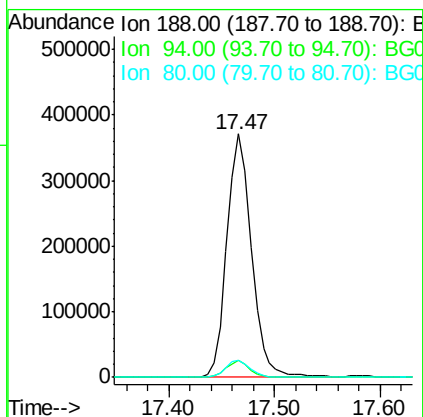
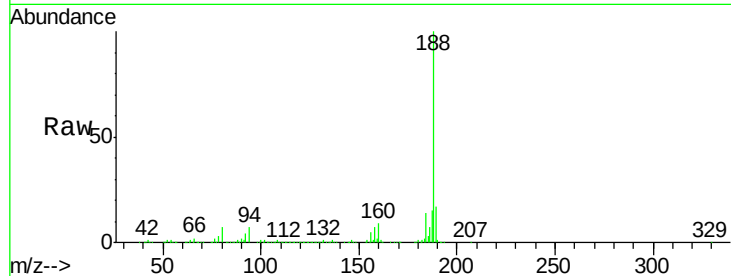




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031634.D
Acq: 18 Dec 2017 14:41

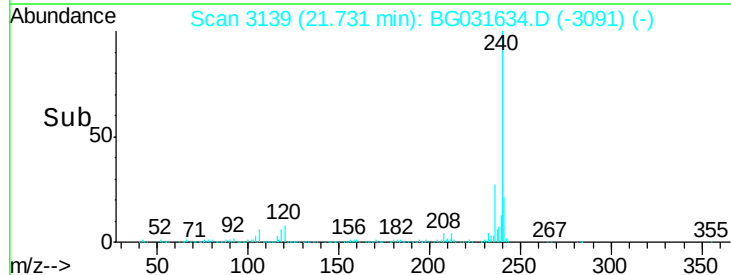
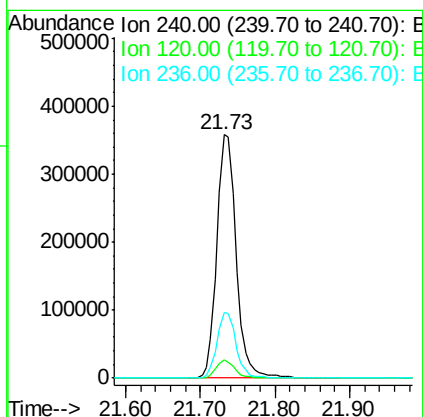
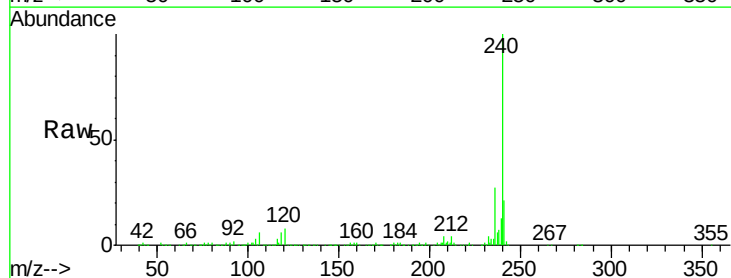
Instrument :
BNA_G
ClientSampleId :
121217-DBRI-E-U-S

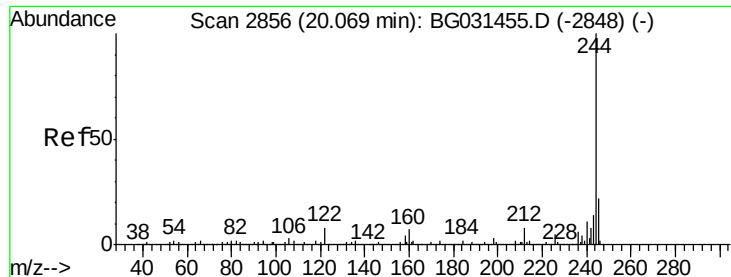
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.2	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG031634.D
Acq: 18 Dec 2017 14:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.8	10.2
236	26.8	20.9	31.3





#78

Terphenyl-d14

Concen: 84.501 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031634.D

Acq: 18 Dec 2017 14:41

Instrument :

BNA_G

ClientSampleId :

121217-DBRI-E-U-S

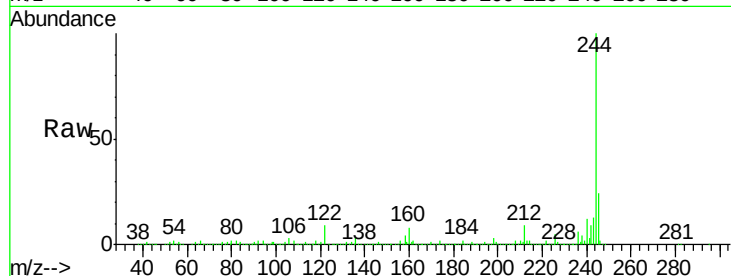
Tgt Ion:244 Resp: 2392006

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

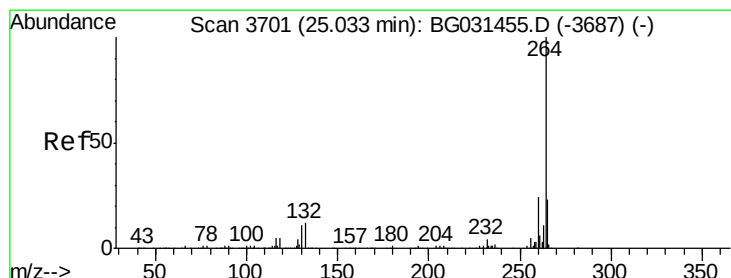
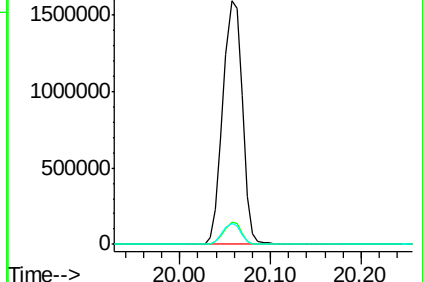
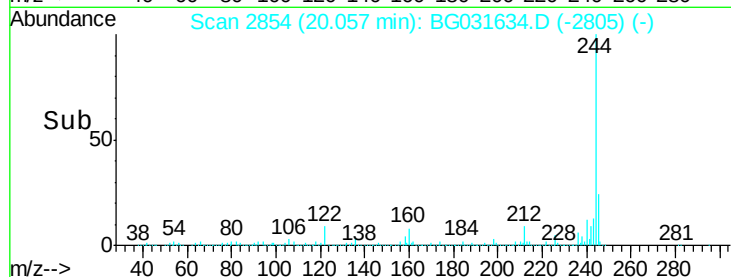
122 8.8 7.0 10.4



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: 25.02 min Scan# 3698

Delta R.T. -0.02 min

Lab File: BG031634.D

Acq: 18 Dec 2017 14:41

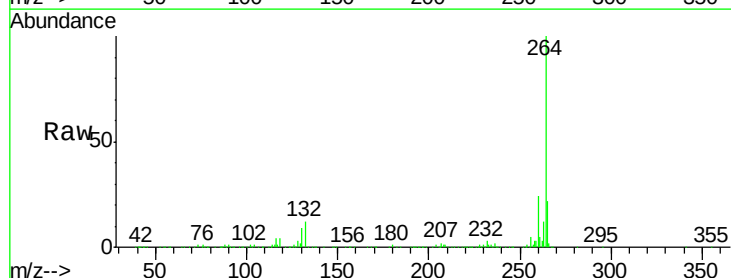
Tgt Ion:264 Resp: 553598

Ion Ratio Lower Upper

264 100

260 23.9 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

