

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031548.D
 Acq On : 14 Dec 2017 3:52
 Operator : SJ/JU
 Sample : I6816-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120717-TIFR-F-D-B

Quant Time: Dec 14 07:16:27 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	8.11	152	42269	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	179203	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	133761	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	428052	20.00	ng	0.00
75) Chrysene-d12	21.74	240	503877	20.00	ng	0.00
86) Perylene-d12	25.03	264	482116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	117174	49.14	ng	0.00
7) Phenol-d6	7.28	99	94884	28.66	ng	0.00
23) Nitrobenzene-d5	9.28	82	294342	101.24	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	200025	127.64	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	955377	104.84	ng	0.00
78) Terphenyl-d14	20.06	244	2017485	91.10	ng	0.00

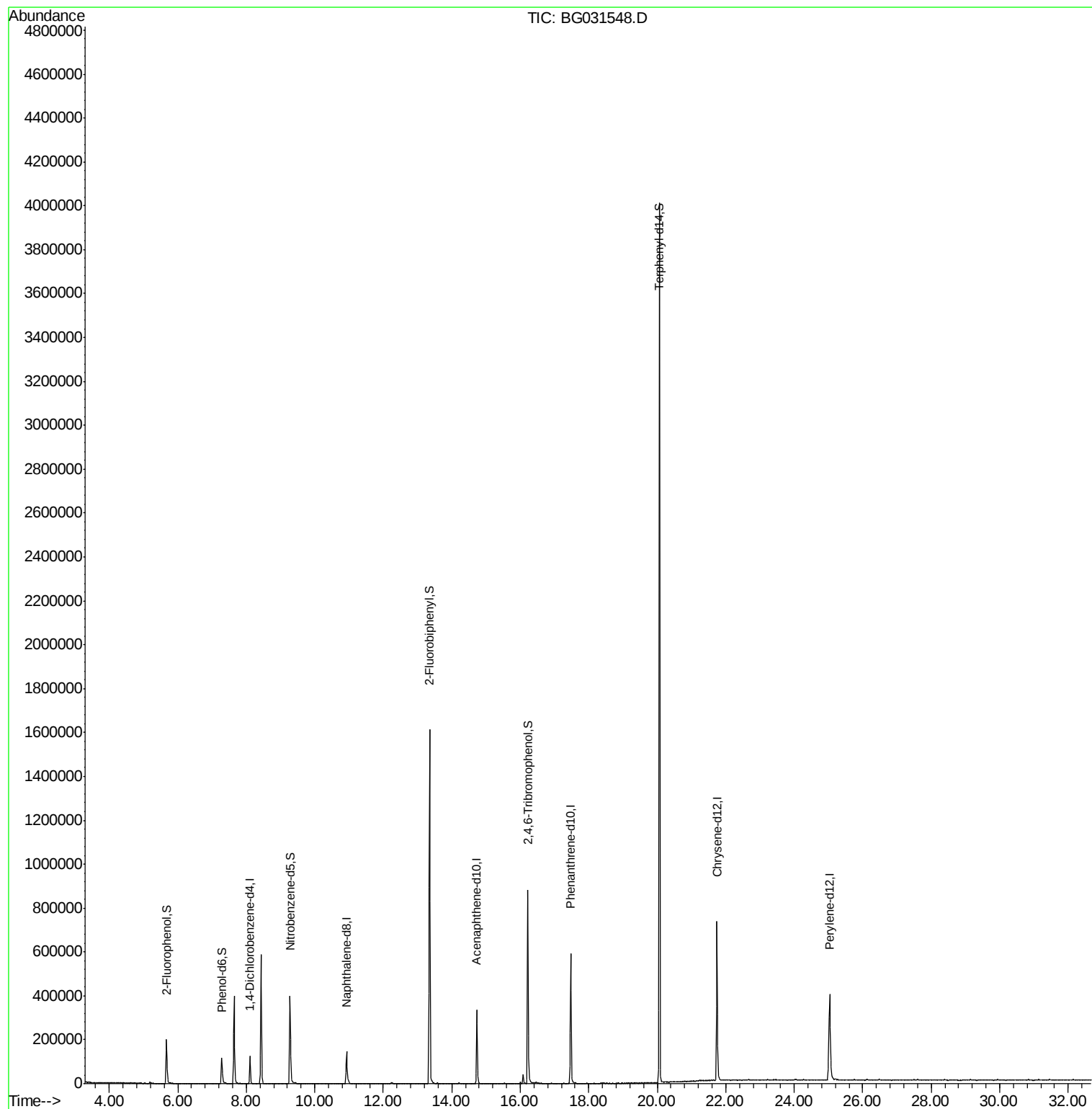
Target Compounds Qvalue

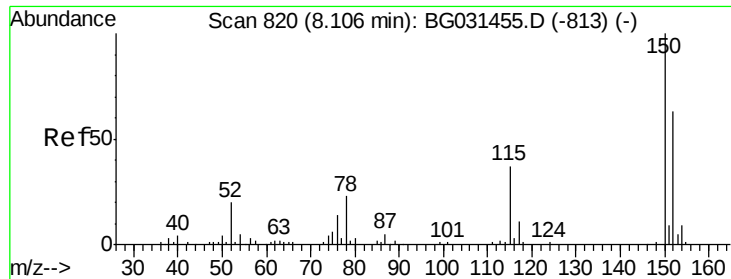
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG031548.D

Acq: 14 Dec 2017 3:52

Instrument :

BNA_G

ClientSampleId :

120717-TIFR-F-D-B

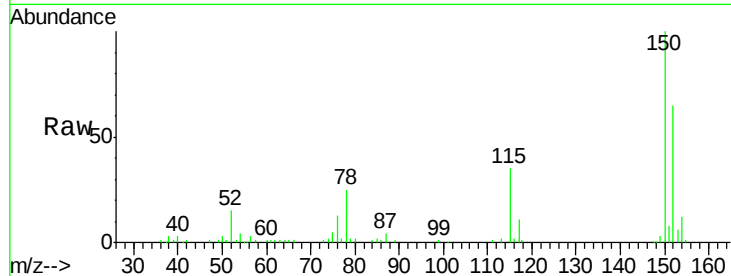
Tot Ion:152 Resp: 42269

Ion Ratio Lower Upper

152 100

150 154.7 126.6 189.8

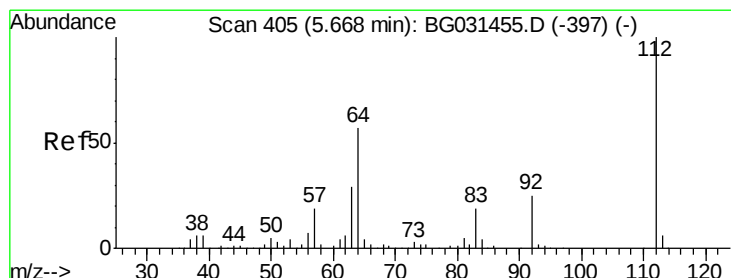
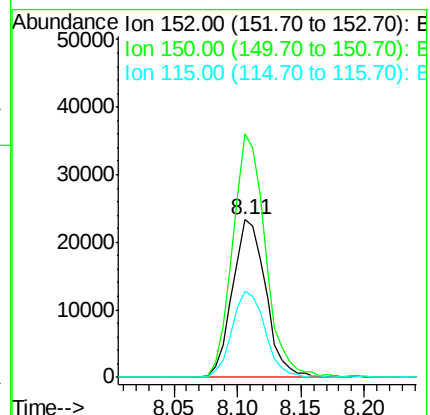
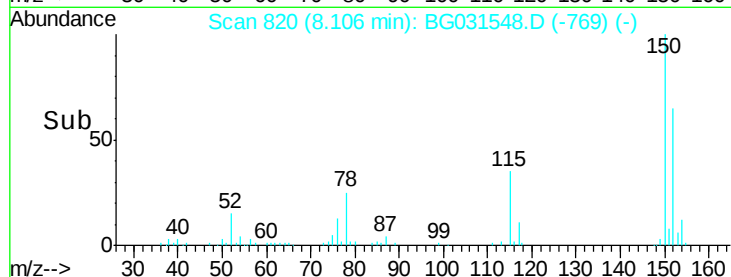
115 54.4 53.0 79.4



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: 49.136 ng

RT: 5.67 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG031548.D

Acq: 14 Dec 2017 3:52

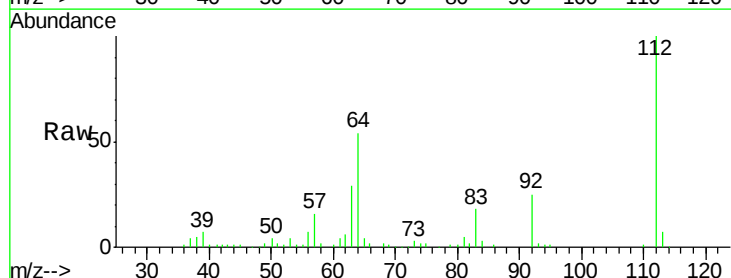
Tgt Ion:112 Resp: 117174

Ion Ratio Lower Upper

112 100

64 54.0 56.3 84.5#

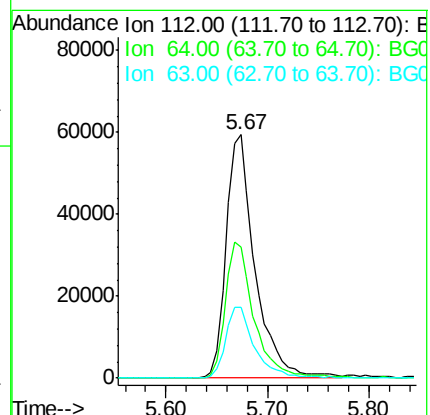
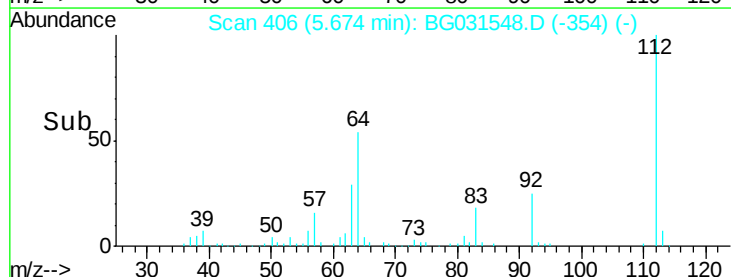
63 29.2 30.1 45.1#

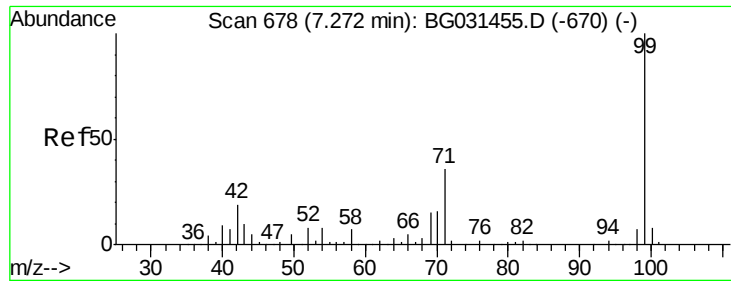


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.662 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031548.D

Acq: 14 Dec 2017 3:52

Instrument :

BNA_G

ClientSampleId :

120717-TIFR-F-D-B

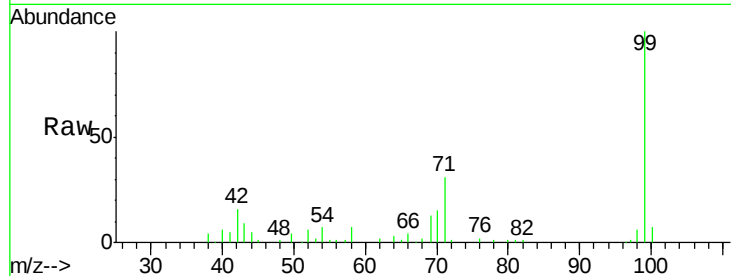
Tot Ion: 99 Resp: 94884

Ion Ratio Lower Upper

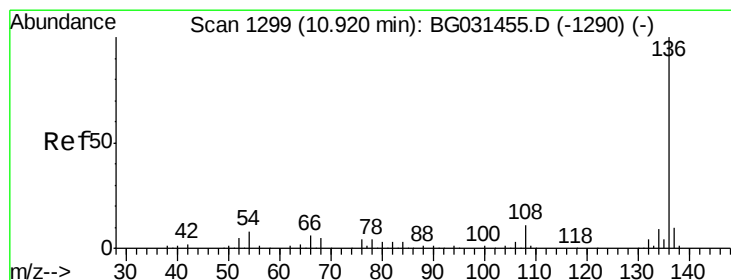
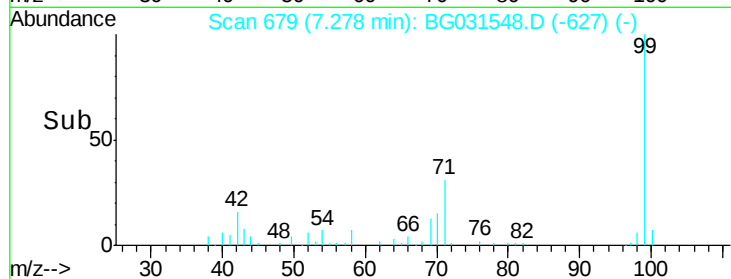
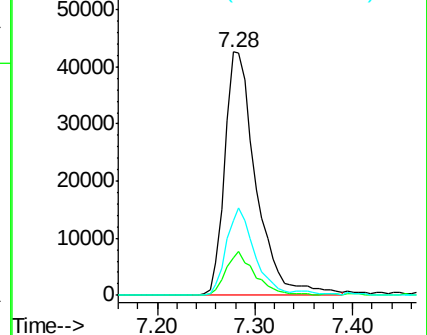
99 100

42 15.5 14.1 21.1

71 30.8 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031548.D

Acq: 14 Dec 2017 3:52

Tgt Ion: 136 Resp: 179203

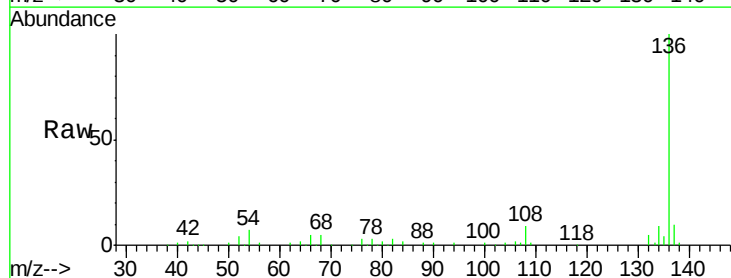
Ion Ratio Lower Upper

136 100

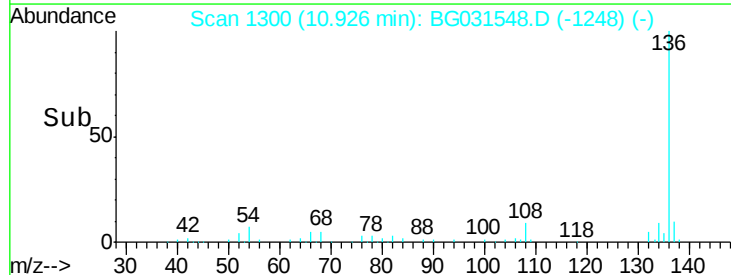
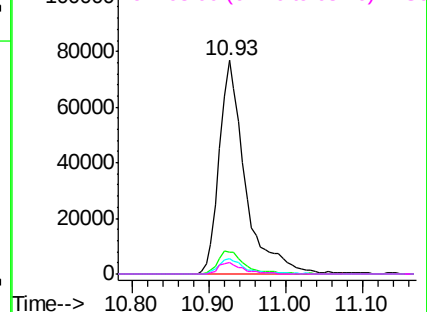
137 10.0 9.2 13.8

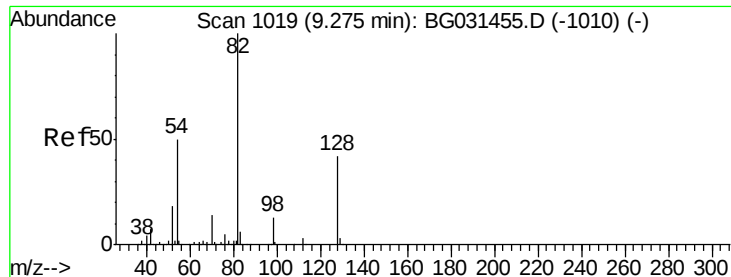
54 7.1 10.3 15.5#

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

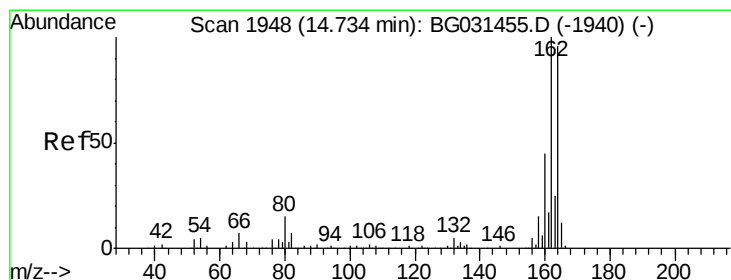
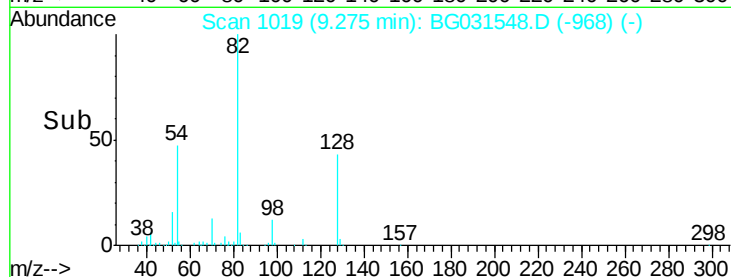
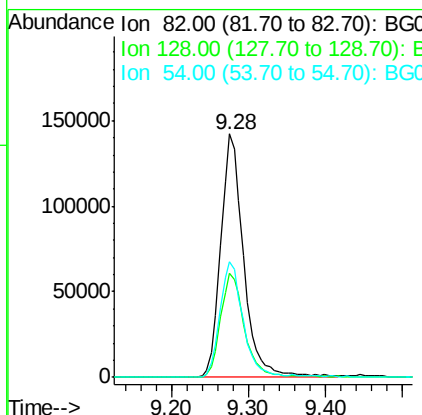
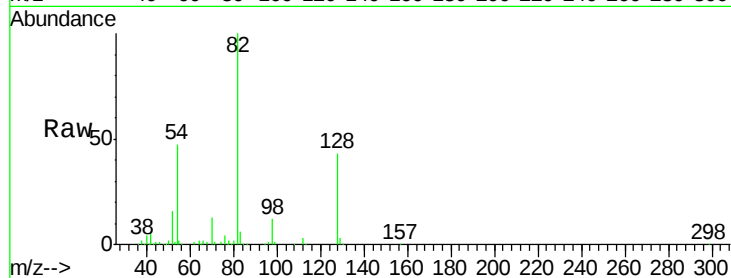




#23
Nitrobenzene-d5
Concen: 101.239 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031548.D
Acq: 14 Dec 2017 3:52

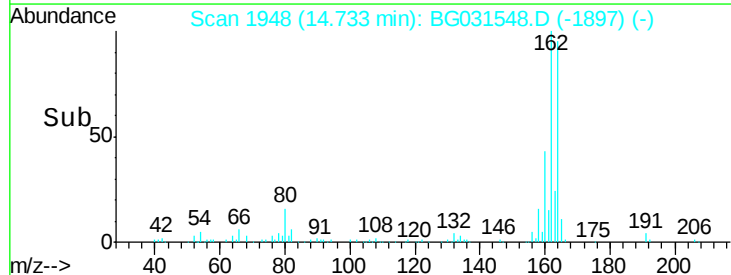
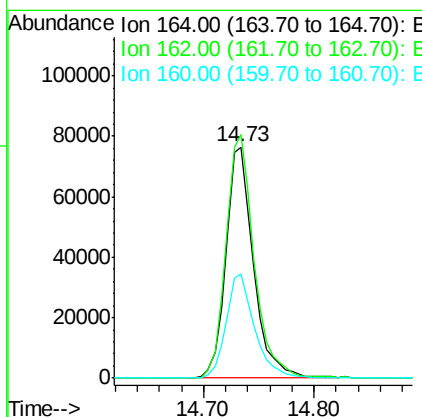
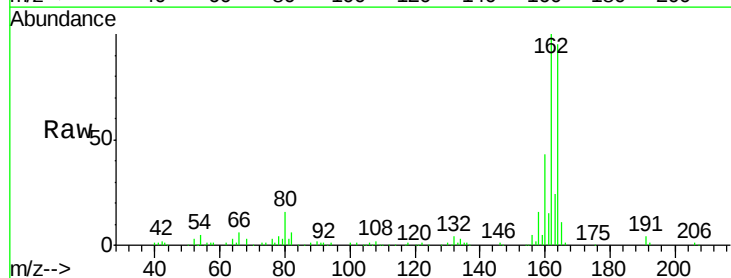
Instrument :
BNA_G
ClientSampleId :
120717-TIFR-F-D-B

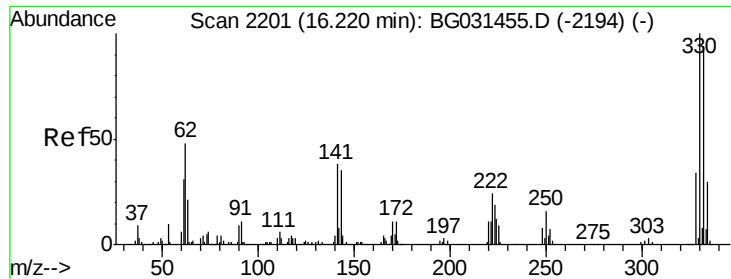
Tot Ion	82	Resp	294342
Ion Ratio	Lower	Upper	
82	100		
128	42.8	29.7	44.5
54	47.4	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031548.D
Acq: 14 Dec 2017 3:52

Tgt Ion	164	Resp	133761
Ion Ratio	Lower	Upper	
164	100		
162	105.3	78.8	118.2
160	44.9	35.4	53.0

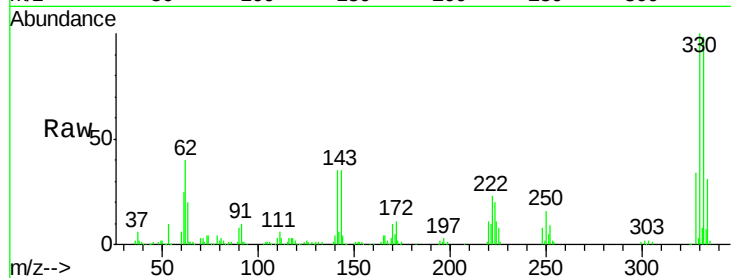




#41
 2,4,6-Tribromophenol
 Concen: 127.643 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031548.D
 Acq: 14 Dec 2017 3:52

Instrument :
 BNA_G
 ClientSampleId :
 120717-TIFR-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	34.0	25.2	37.8

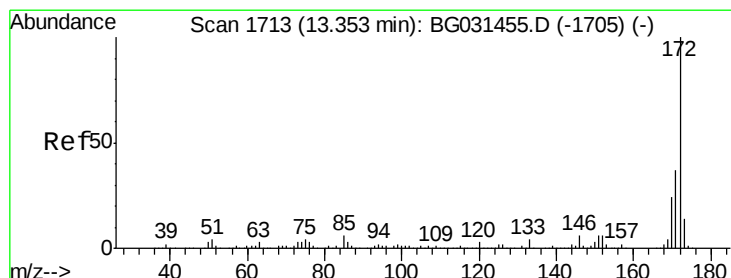
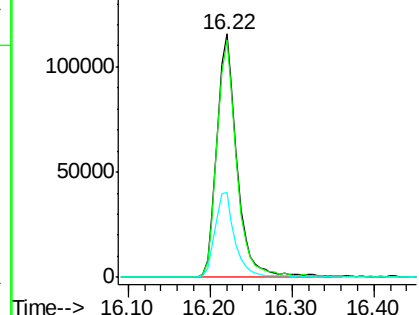
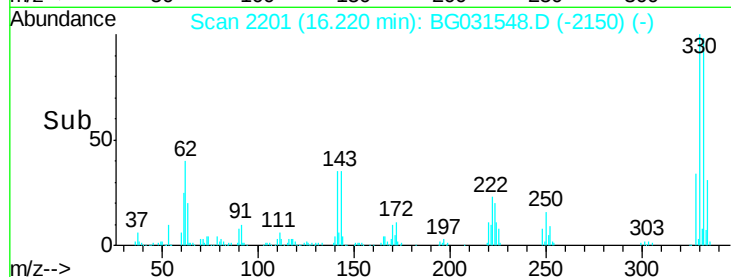


Abundance

Ion 329.80 (329.50 to 330.50): E

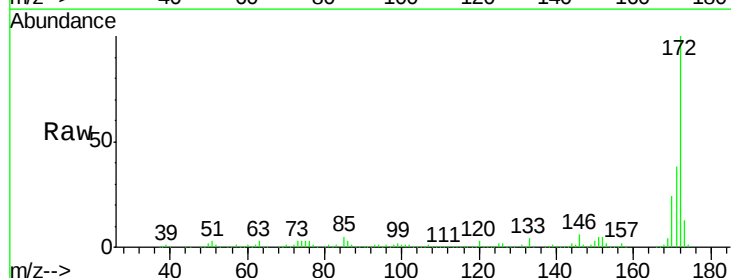
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.841 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031548.D
 Acq: 14 Dec 2017 3:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.0	19.5	29.3

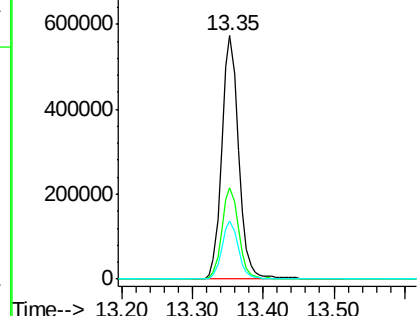
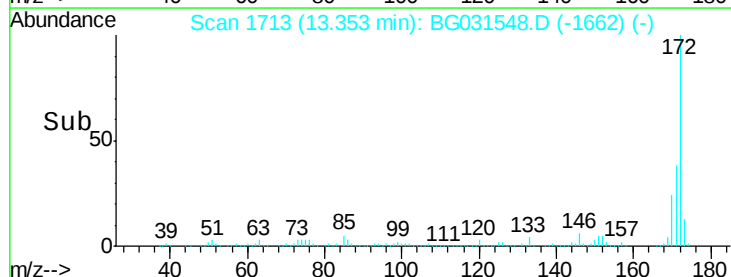


Abundance

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

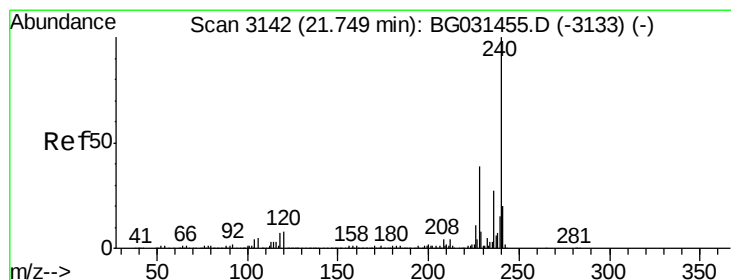
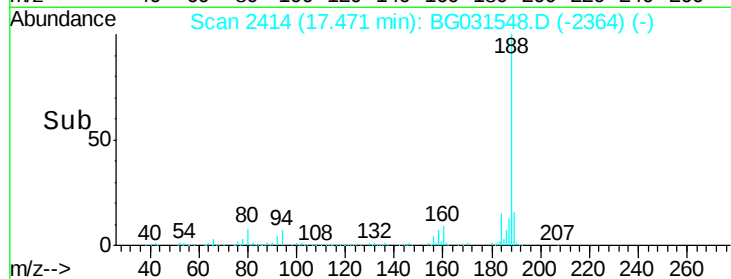
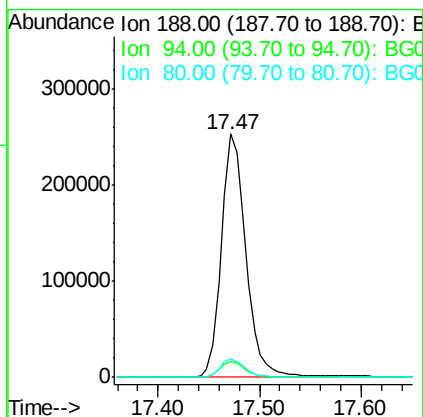
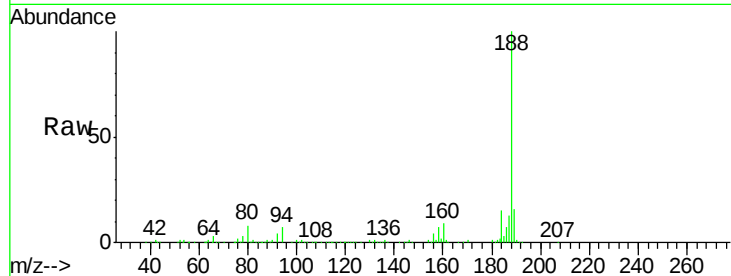




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031548.D
Acq: 14 Dec 2017 3:52

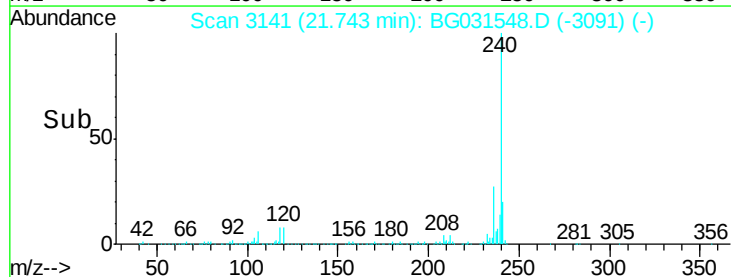
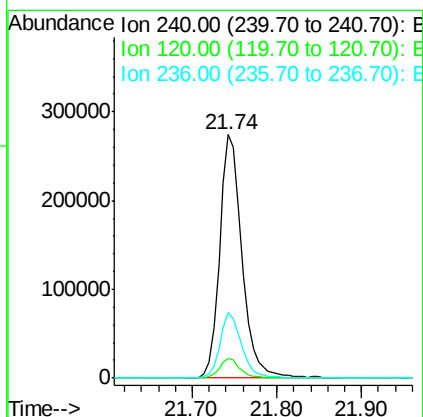
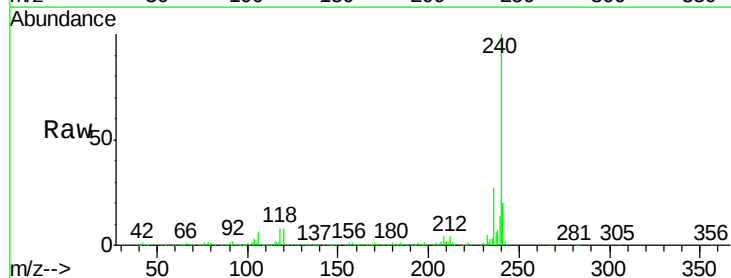
Instrument :
BNA_G
ClientSampleId :
120717-TIFR-F-D-B

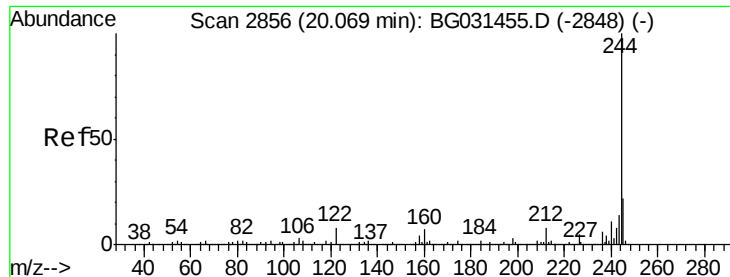
Tot Ion:188 Resp: 428052
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031548.D
Acq: 14 Dec 2017 3:52

Tgt Ion:240 Resp: 503877
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 91.096 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031548.D

Acq: 14 Dec 2017 3:52

Instrument :

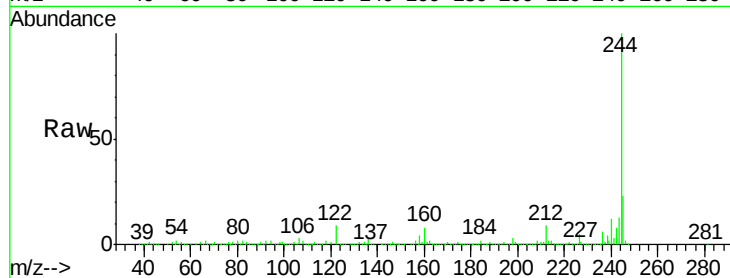
BNA_G

ClientSampleId :

120717-TIFR-F-D-B

Tot Ion:244 Resp: 2017485

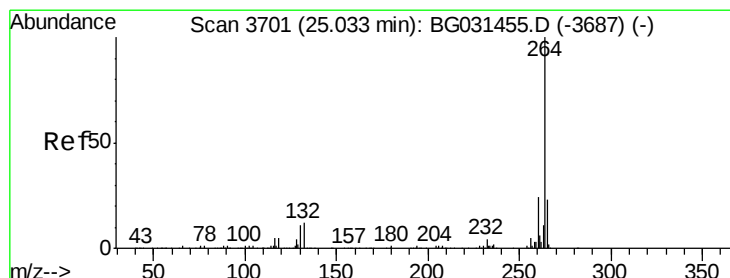
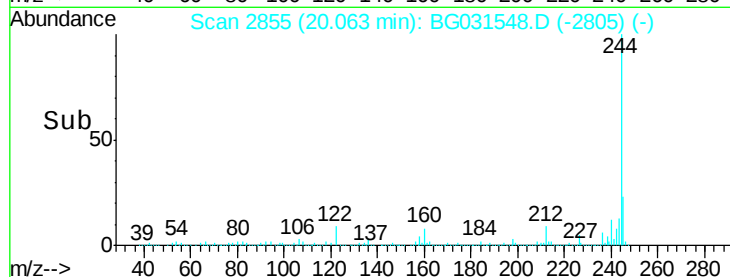
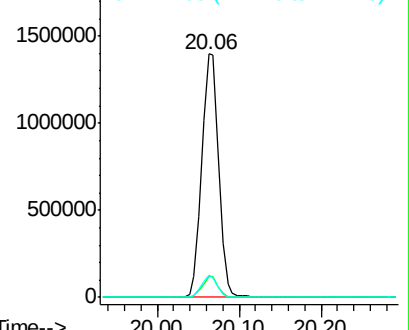
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.1	7.0	10.4



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: 25.03 min Scan# 3701

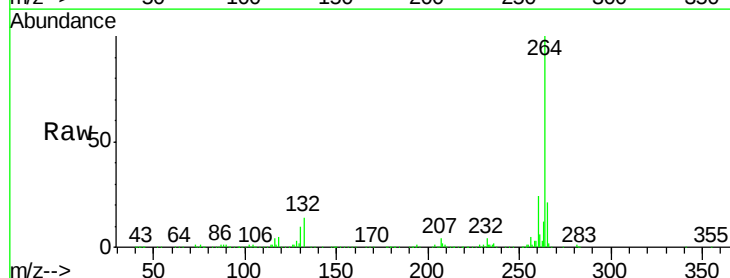
Delta R.T. -0.00 min

Lab File: BG031548.D

Acq: 14 Dec 2017 3:52

Tgt Ion:264 Resp: 482116

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.4	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

