

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
 Data File : BG031654.D
 Acq On : 19 Dec 2017 3:44
 Operator : SJ/JU
 Sample : I6927-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 07:08:15 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

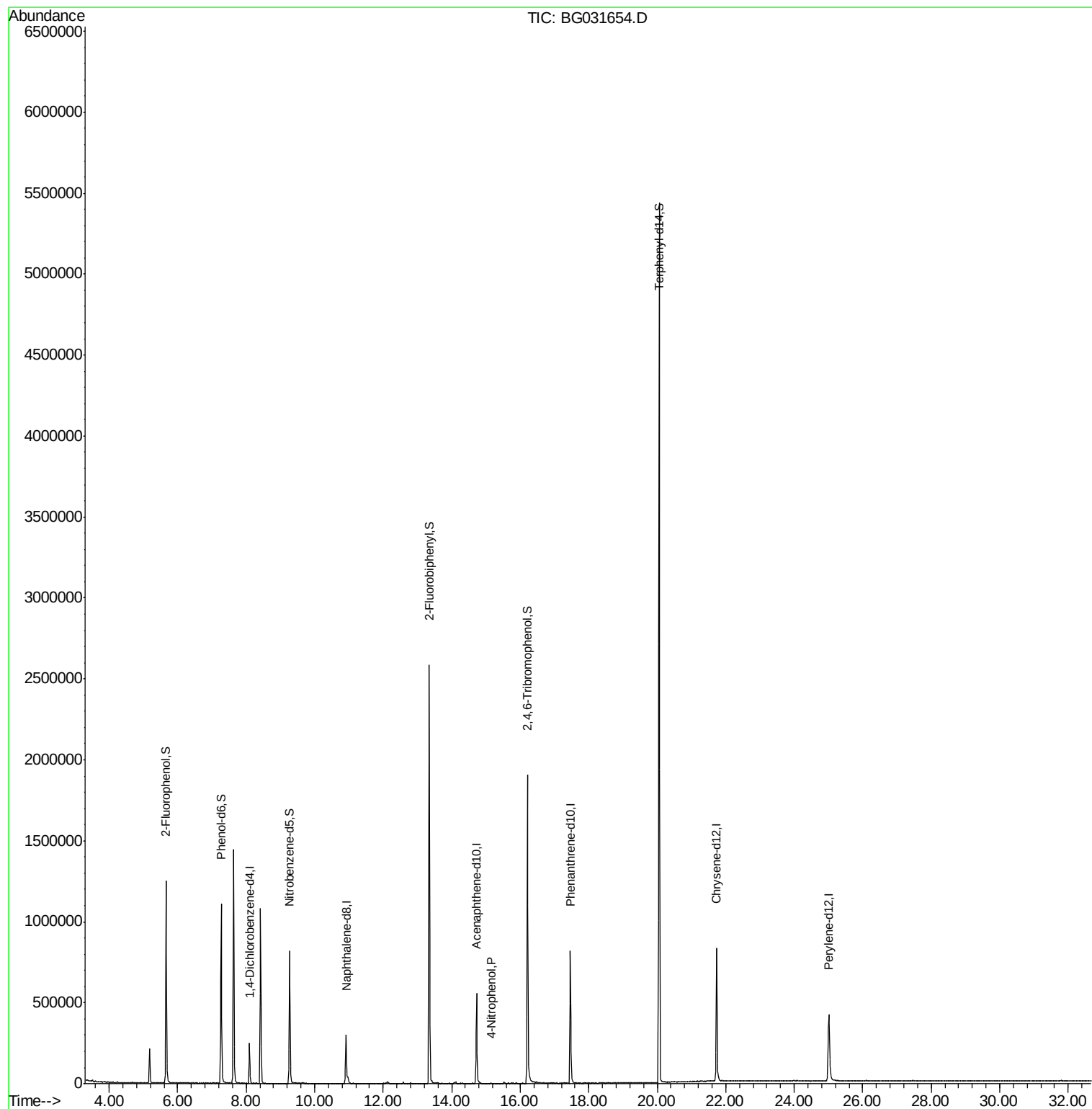
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	79531	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	337927	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	221719	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	582424	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	609068	20.00	ng	-0.02
86) Perylene-d12	25.01	264	533217	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	640390	142.72	ng	0.00
7) Phenol-d6	7.27	99	727583	116.81	ng	0.00
23) Nitrobenzene-d5	9.27	82	542506	98.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	450398	173.39	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1543004	102.15	ng	-0.01
78) Terphenyl-d14	20.06	244	2630567	98.26	ng	-0.01
Target Compounds						
55) 4-Nitrophenol	15.15	139	495	3.717	ng	Qvalue # 1

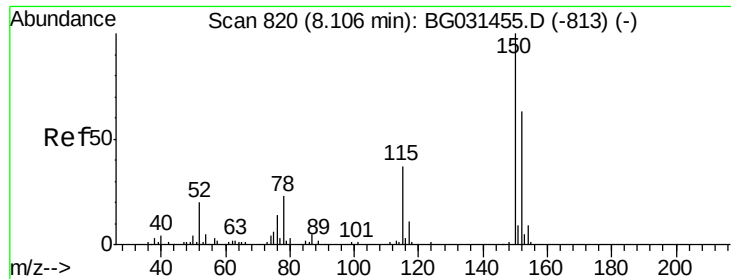
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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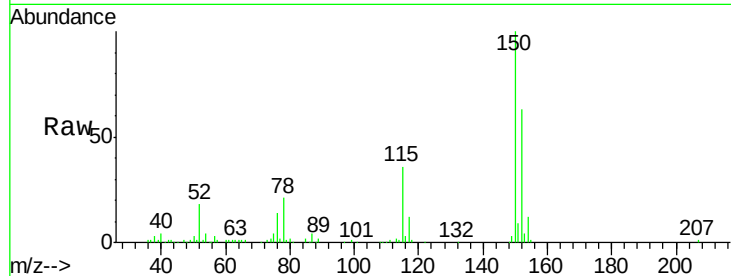


#1

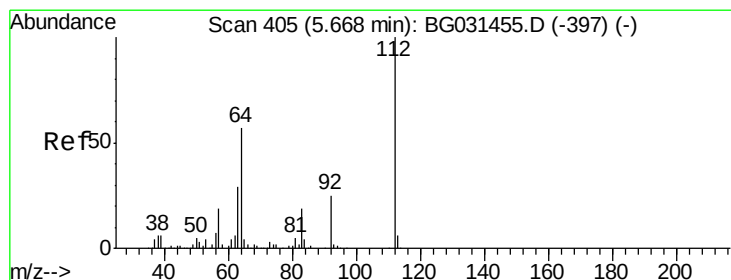
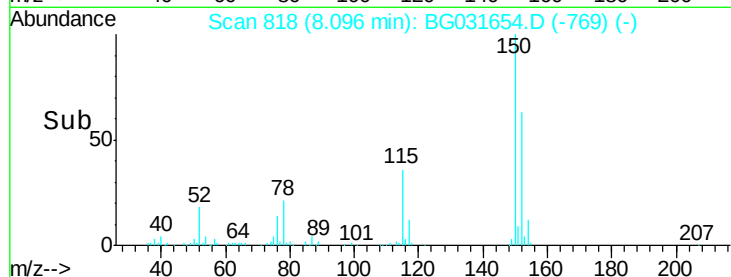
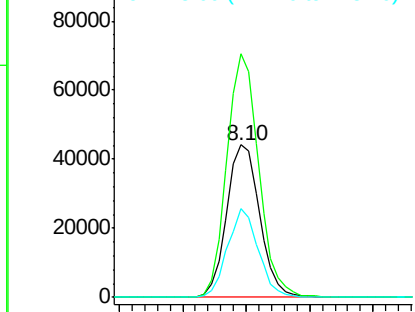
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	189.8
115	58.2	53.0	79.4



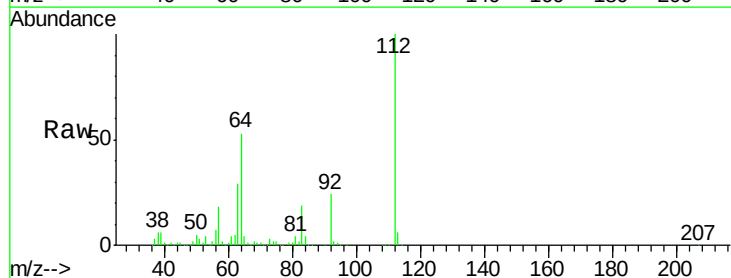
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



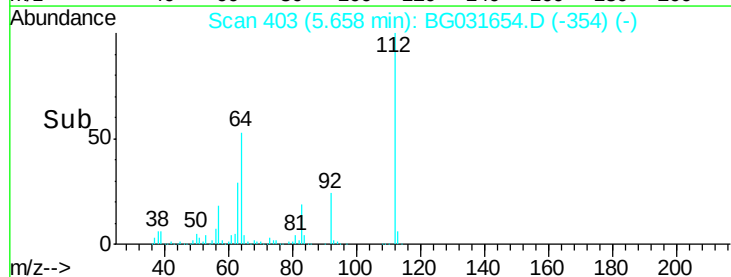
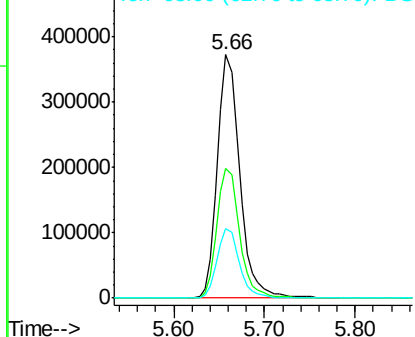
#5

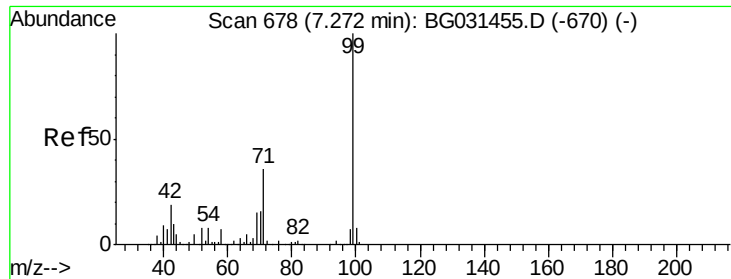
2-Fluorophenol
Concen: 142.725 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	56.3	84.5#
63	28.7	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: 116.808 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031654.D

Acq: 19 Dec 2017 3:44

Instrument :

BNA_G

ClientSampleId :

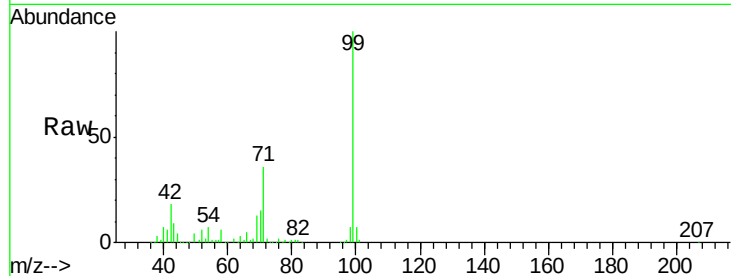
Tot Ion: 99 Resp: 727583

Ion Ratio Lower Upper

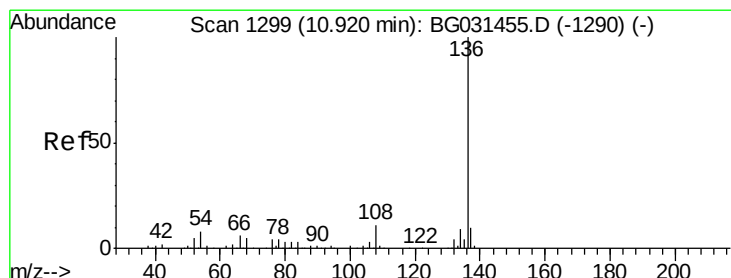
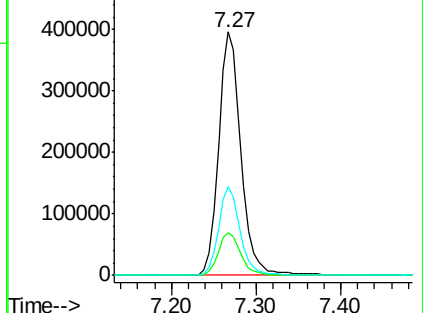
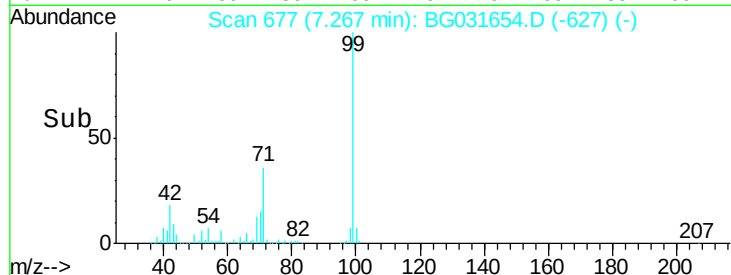
99 100

42 17.6 14.1 21.1

71 36.2 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: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031654.D

Acq: 19 Dec 2017 3:44

Tgt Ion: 136 Resp: 337927

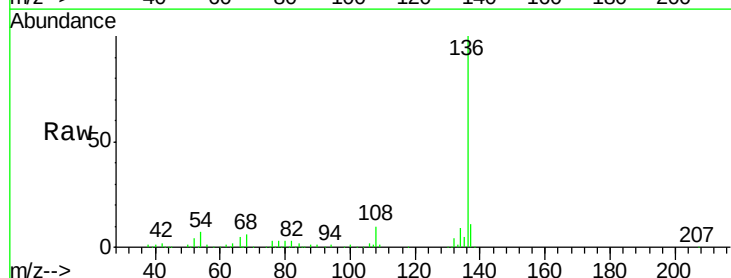
Ion Ratio Lower Upper

136 100

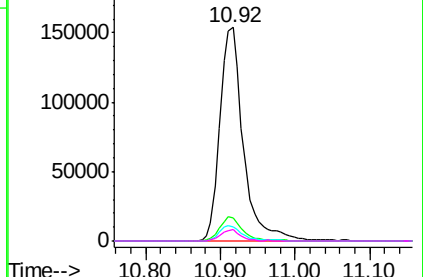
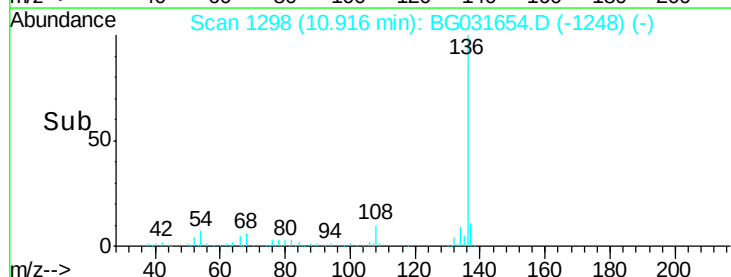
137 10.9 9.2 13.8

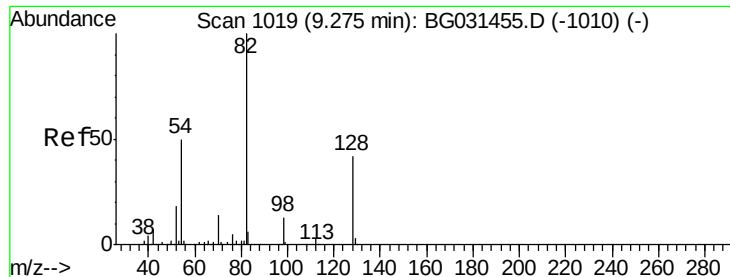
54 6.8 10.3 15.5#

68 5.5 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

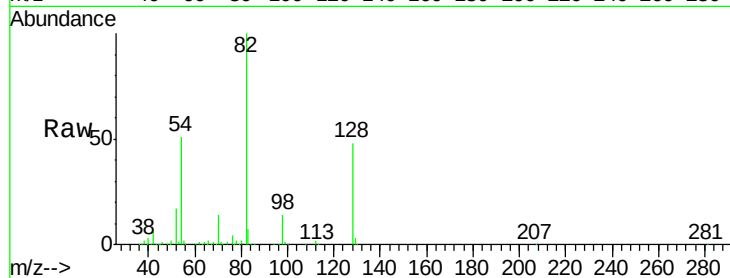




#23
 Nitrobenzene-d5
 Concen: 98.951 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031654.D
 Acq: 19 Dec 2017 3:44

Instrument :
 BNA_G
 ClientSampleId :

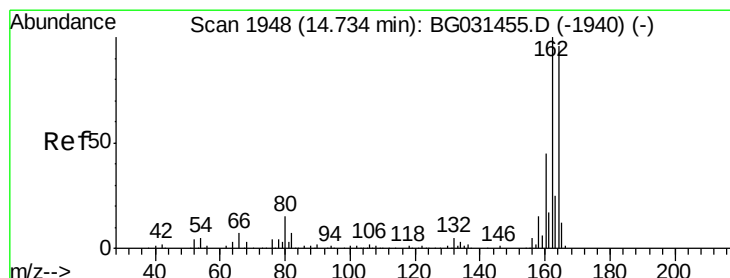
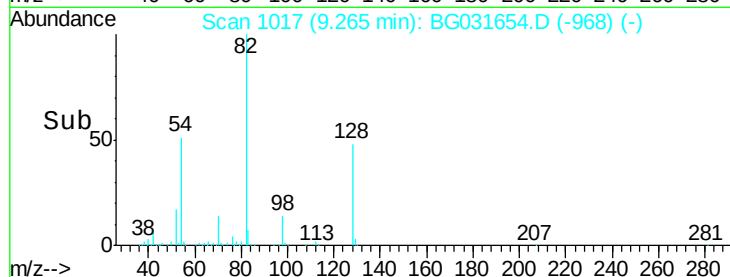
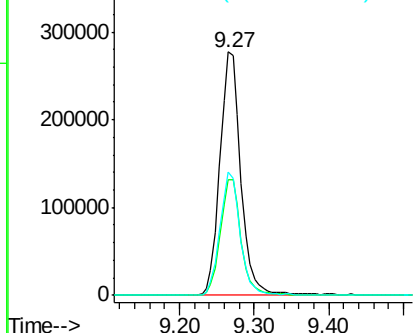
Tot Ion	82	Resp	542506
Ion	Ratio	Lower	Upper
82	100		
128	47.6	29.7	44.5#
54	50.8	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BG031455.D (-1010) (-)

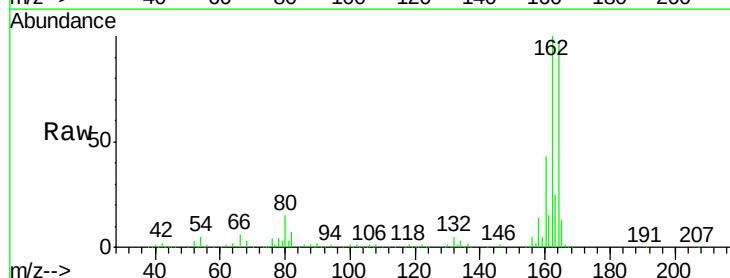
Ion 128.00 (127.70 to 128.70): BG031455.D (-1010) (-)

Ion 54.00 (53.70 to 54.70): BG031455.D (-1010) (-)



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031654.D
 Acq: 19 Dec 2017 3:44

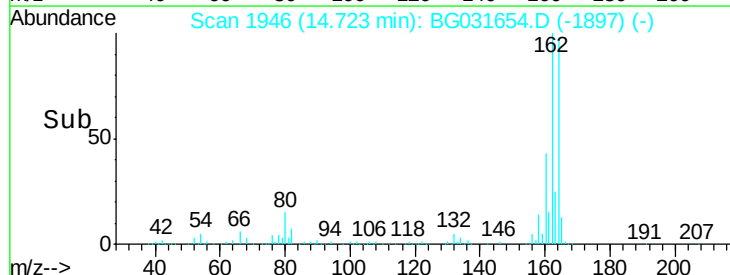
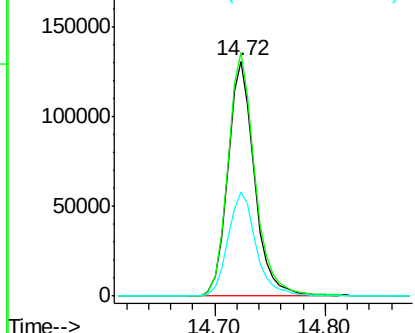
Tgt Ion	164	Resp	221719
Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	44.3	35.4	53.0

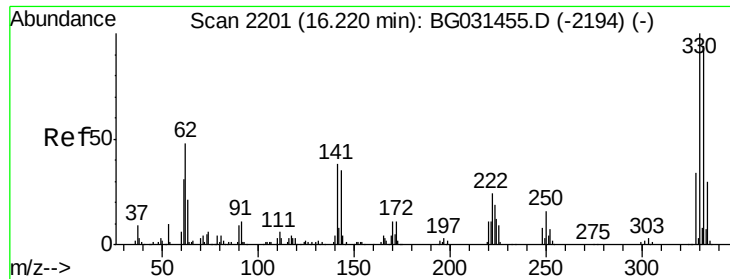


Abundance Ion 164.00 (163.70 to 164.70): BG031455.D (-1940) (-)

Ion 162.00 (161.70 to 162.70): BG031455.D (-1940) (-)

Ion 160.00 (159.70 to 160.70): BG031455.D (-1940) (-)

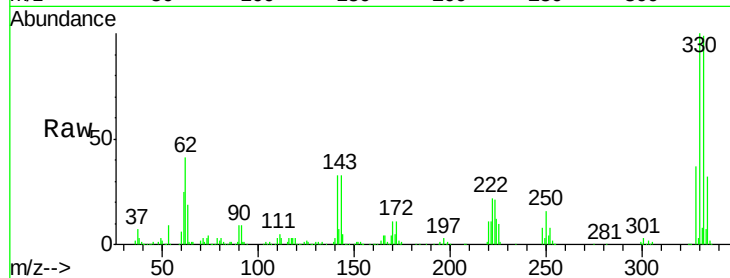




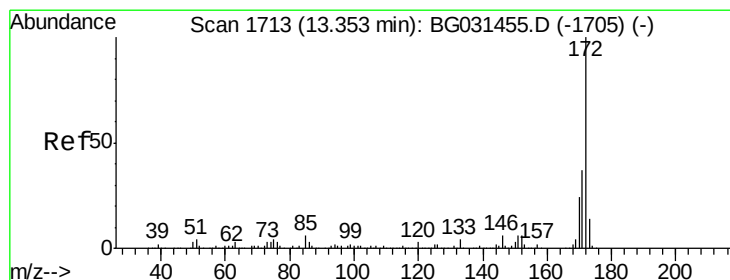
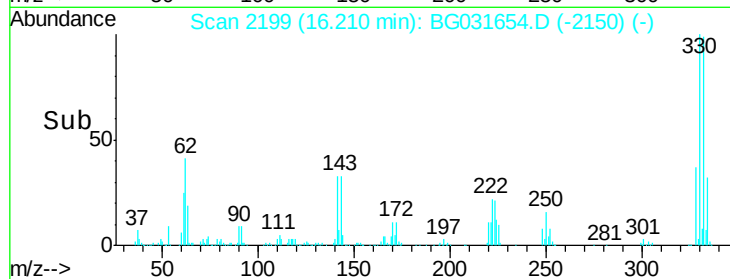
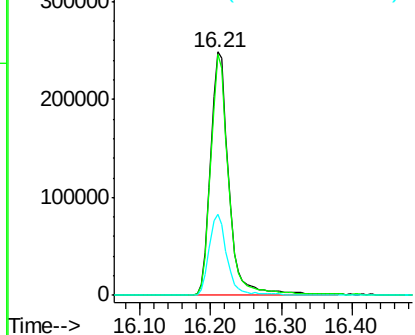
#41
 2,4,6-Tribromophenol
 Concen: 173.395 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031654.D
 Acq: 19 Dec 2017 3:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 450398
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 32.7 25.2 37.8

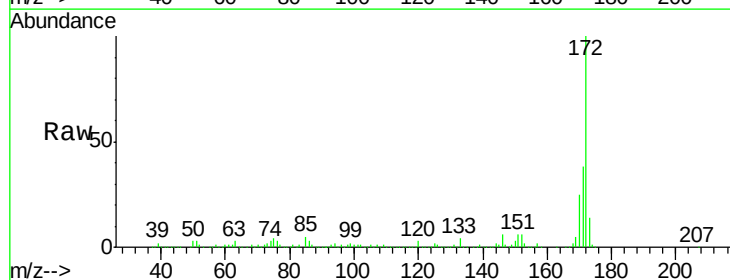


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

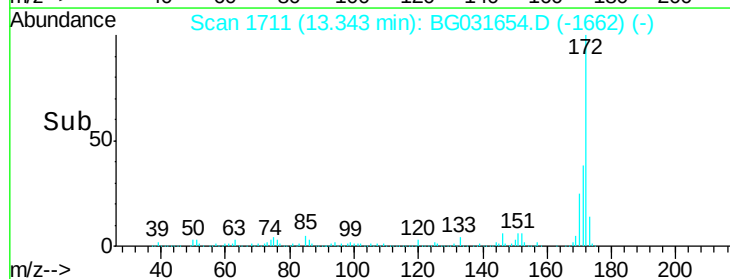
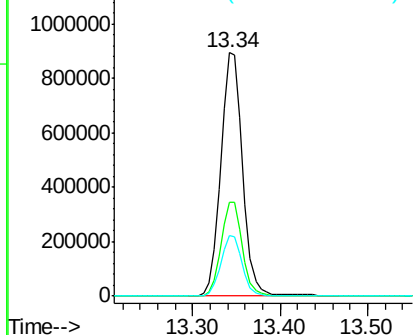


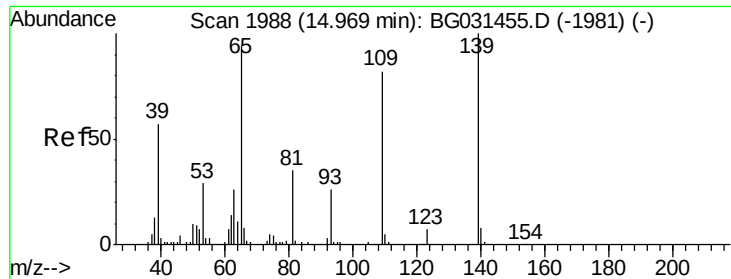
#44
 2-Fluorobiphenyl
 Concen: 102.153 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG031654.D
 Acq: 19 Dec 2017 3:44

Tgt Ion:172 Resp: 1543004
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 25.0 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

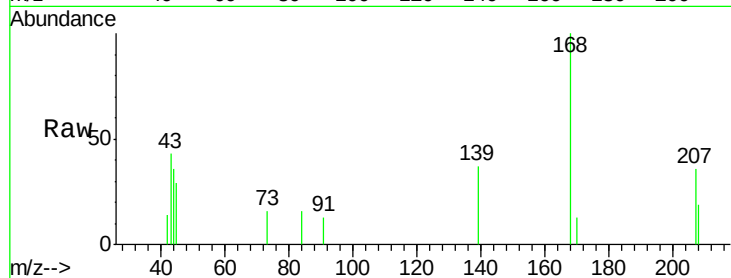




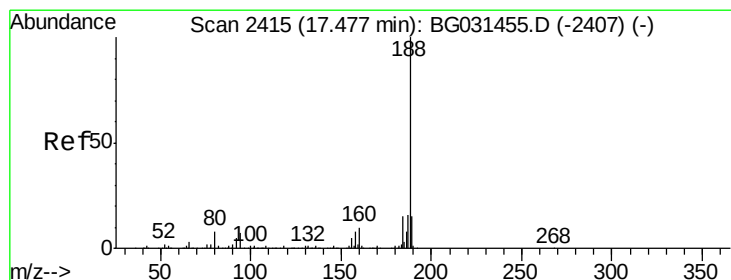
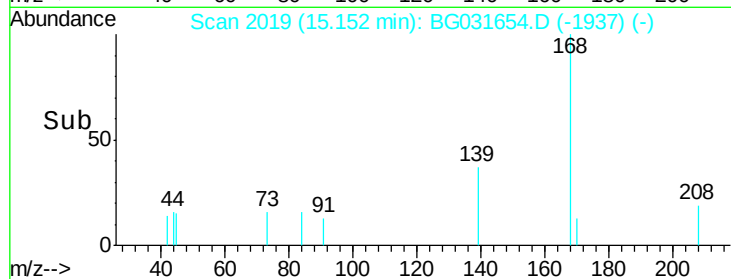
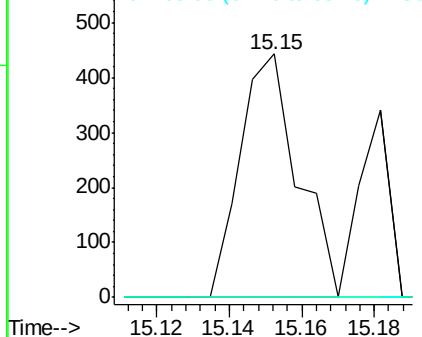
#55
4-Nitrophenol
Concen: 3.717 ng
RT: 15.15 min Scan# 2019
Delta R.T. 0.18 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 495
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

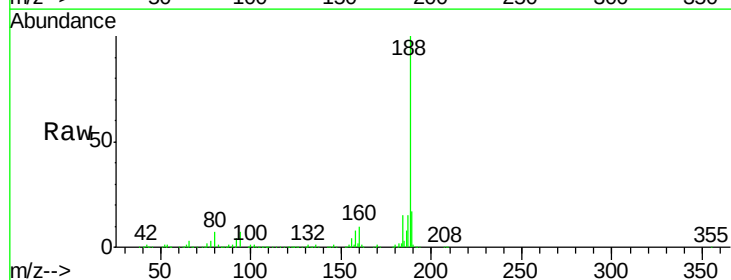


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

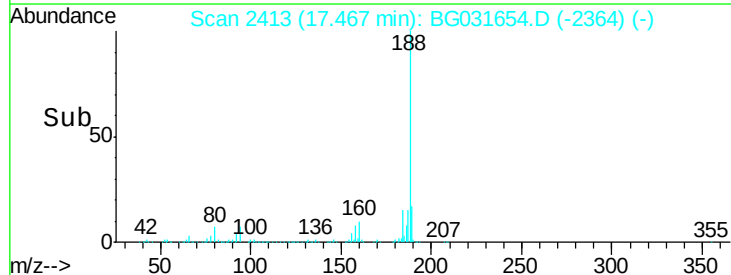
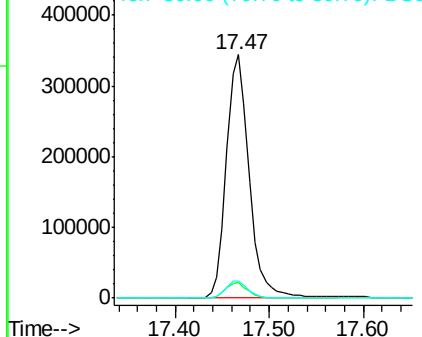


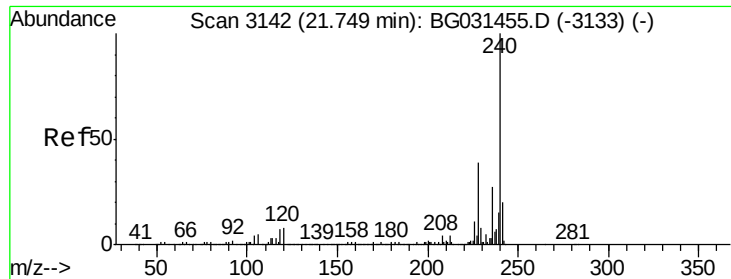
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Tgt Ion:188 Resp: 582424
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 6.9 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

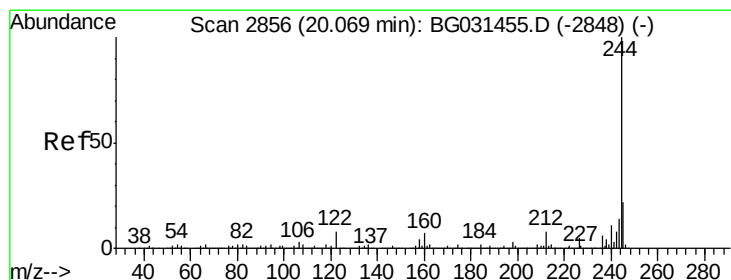
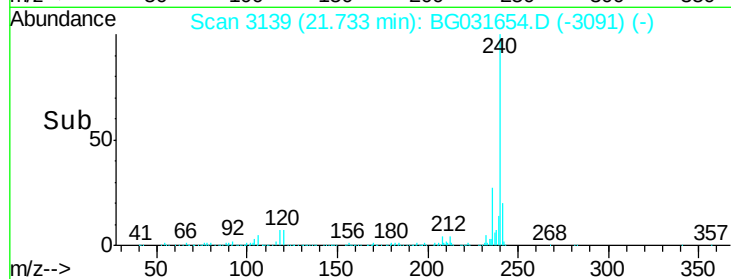
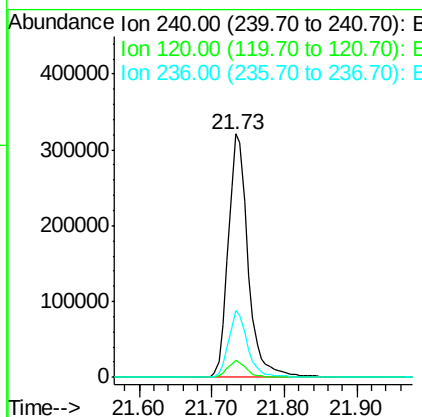
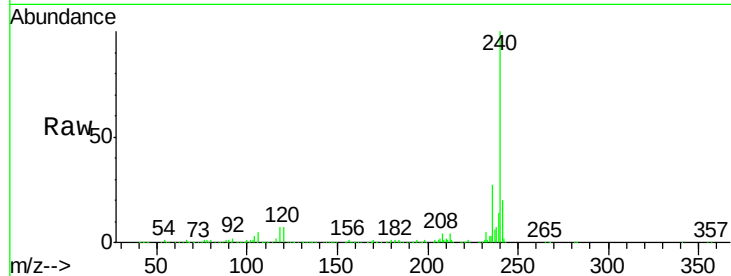




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

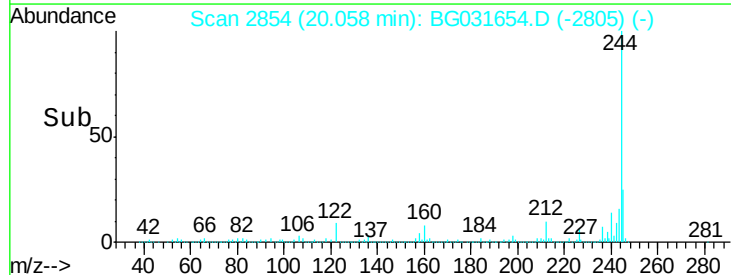
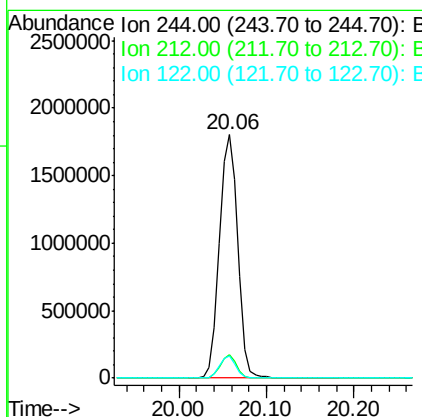
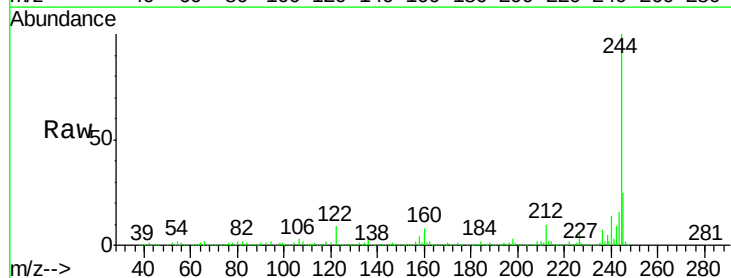
Instrument :
BNA_G
ClientSampleId :

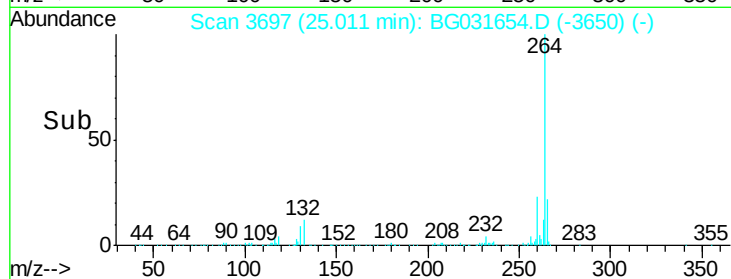
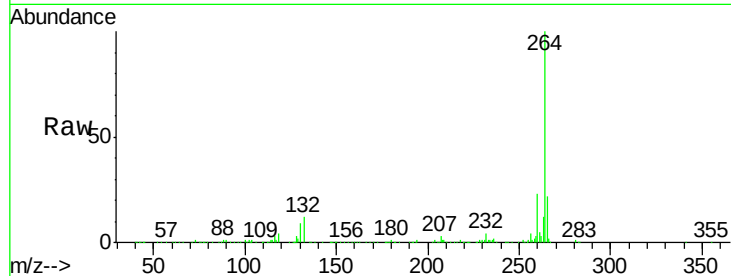
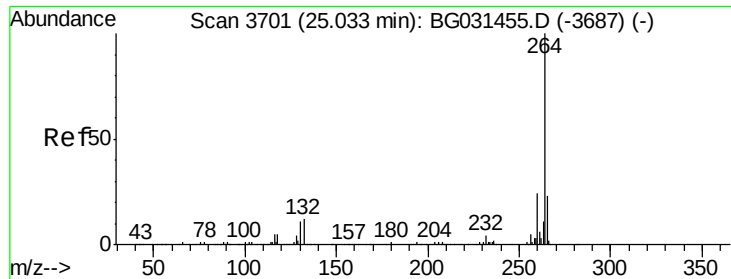
Tot Ion:240 Resp: 609068
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 27.3 20.9 31.3



#78
Terphenyl-d14
Concen: 98.264 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Tgt Ion:244 Resp: 2630567
Ion Ratio Lower Upper
244 100
212 9.5 5.8 8.8#
122 9.1 7.0 10.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031654.D

Acq: 19 Dec 2017 3:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 533217

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 22.4 17.7 26.5

