

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031475.D
 Acq On : 12 Dec 2017 4:27
 Operator : SJ/JU
 Sample : I6762-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 11:15:17 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

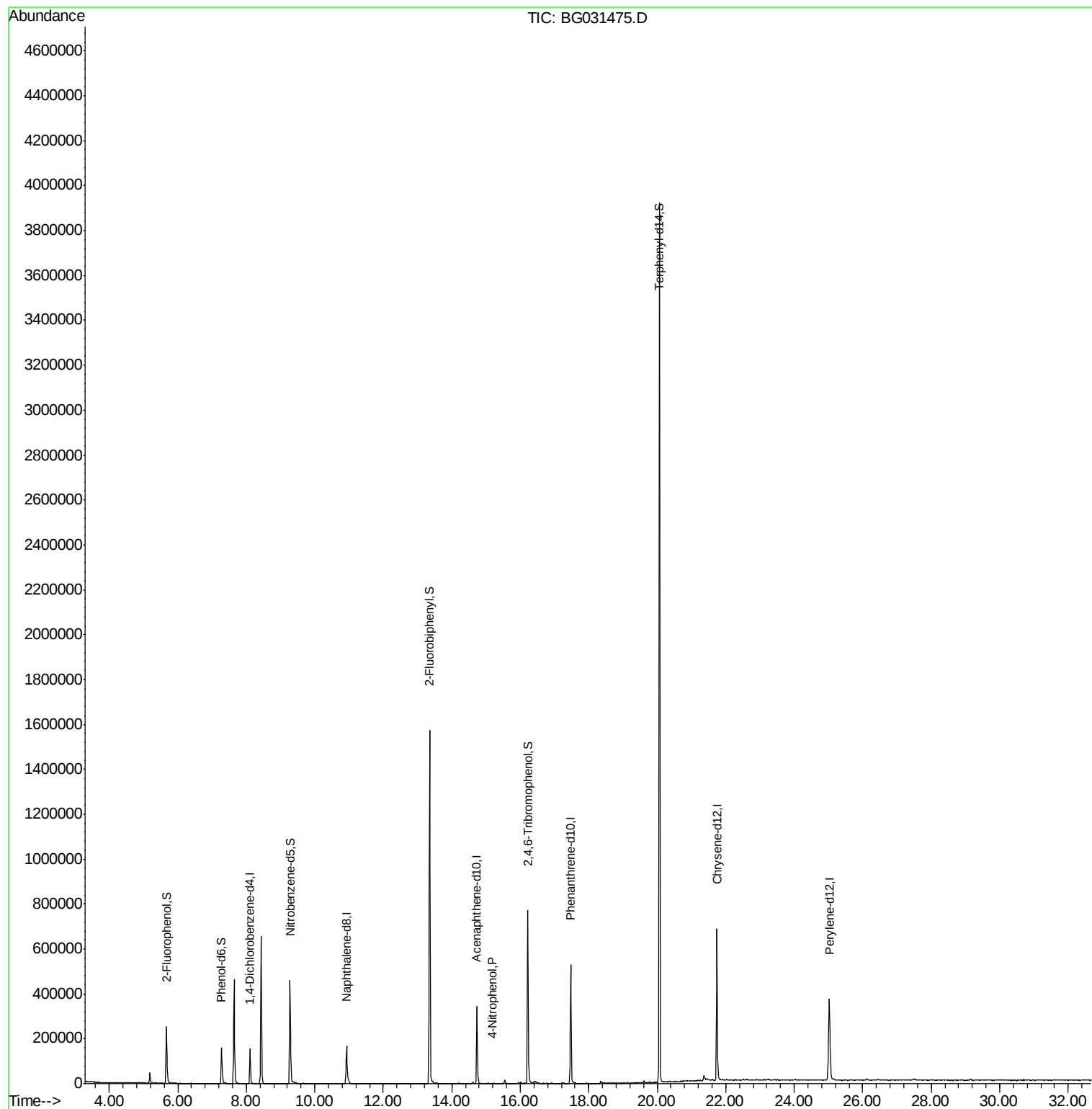
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50214	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	203052	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	132608	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	375491	20.00	ng	0.00
75) Chrysene-d12	21.74	240	444735	20.00	ng	0.00
86) Perylene-d12	25.02	264	429419	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	140397	49.56	ng	0.00
7) Phenol-d6	7.28	99	116007	29.50	ng	0.00
23) Nitrobenzene-d5	9.28	82	319509	96.99	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	172586	111.09	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	935944	103.60	ng	0.00
78) Terphenyl-d14	20.06	244	1770490	90.57	ng	0.00
Target Compounds						
55) 4-Nitrophenol	15.17	139	61	3.578	ng	Qvalue # 1

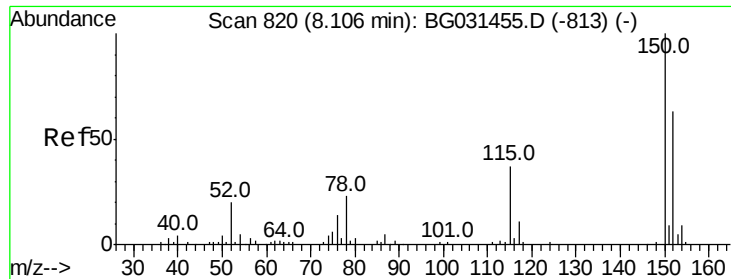
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampleId :

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Response via : Initial Calibration



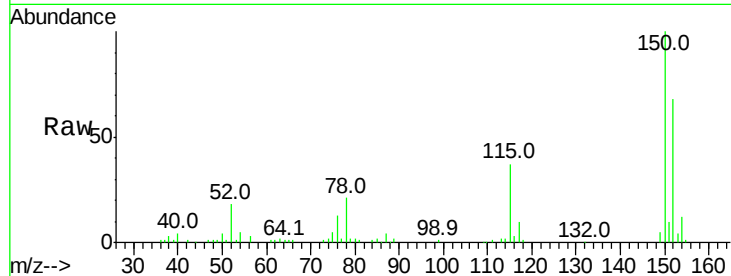


#1

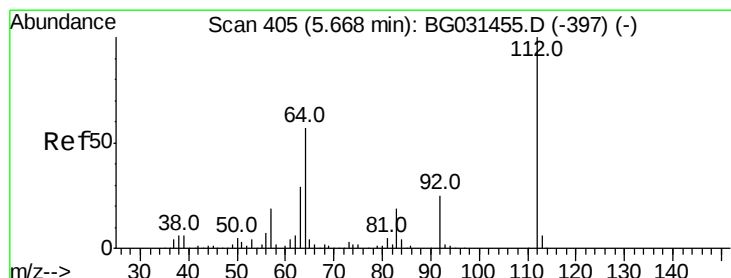
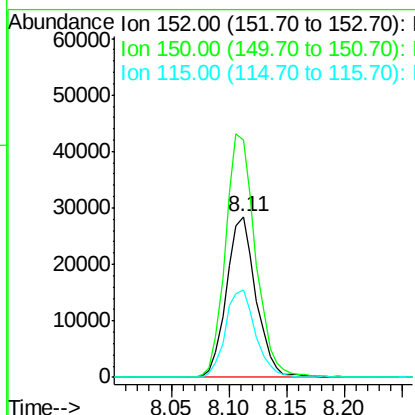
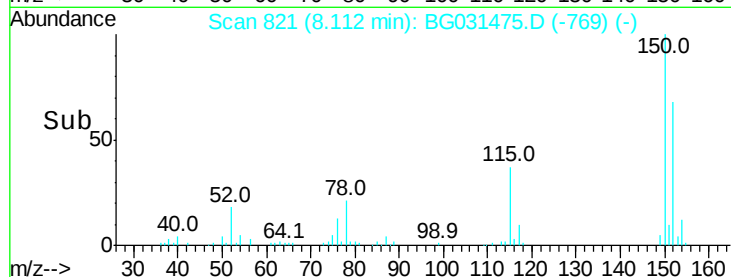
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.01 min
Lab File: BG031475.D
Acq: 12 Dec 2017 4:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	54.8	53.0	79.4



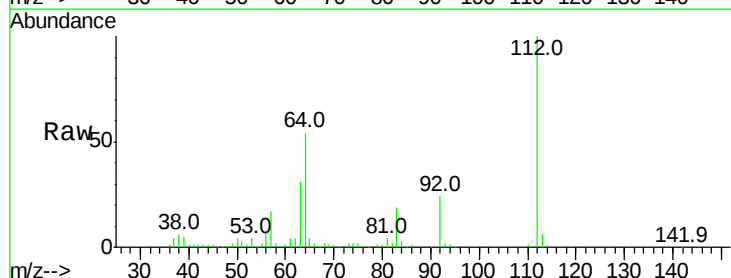
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



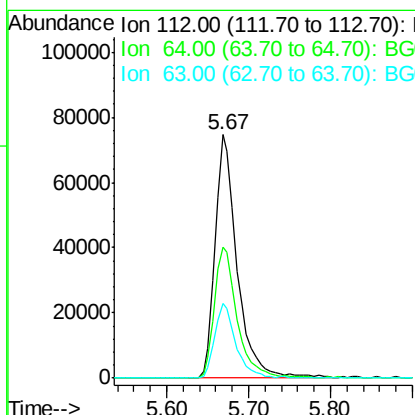
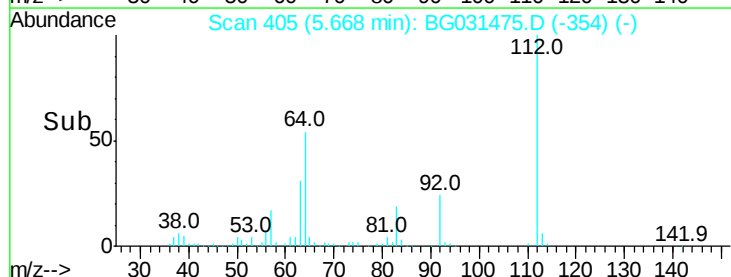
#5

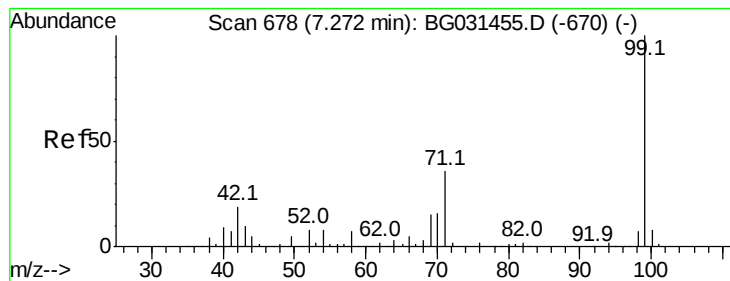
2-Fluorophenol
Concen: 49.559 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031475.D
Acq: 12 Dec 2017 4:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	56.3	84.5#
63	30.7	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: 29.498 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031475.D

Acq: 12 Dec 2017 4:27

Instrument :

BNA_G

ClientSampleId :

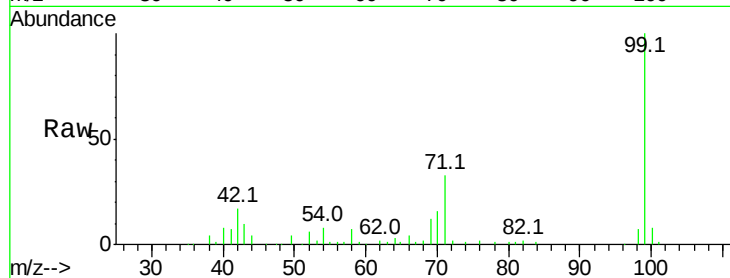
Tot Ion: 99 Resp: 116007

Ion Ratio Lower Upper

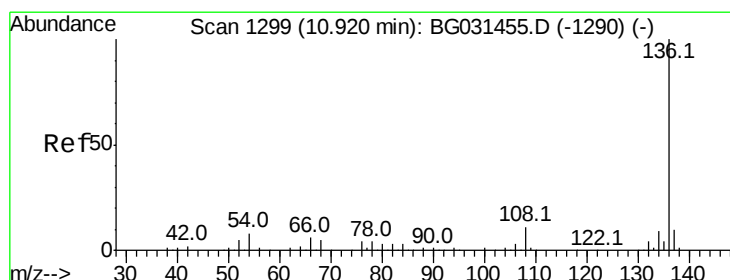
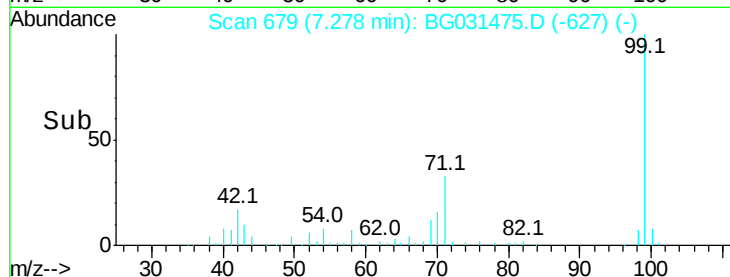
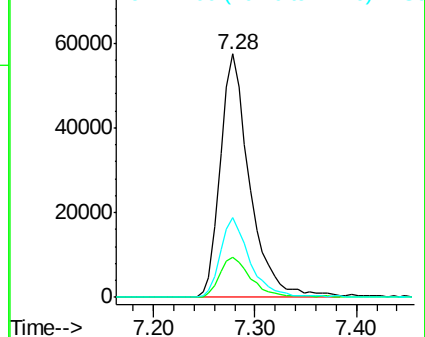
99 100

42 16.6 14.1 21.1

71 32.9 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031475.D

Acq: 12 Dec 2017 4:27

Tgt Ion: 136 Resp: 203052

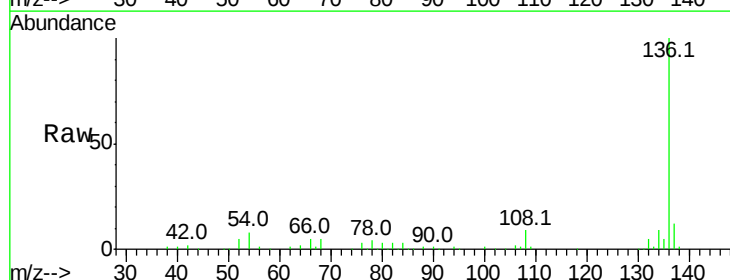
Ion Ratio Lower Upper

136 100

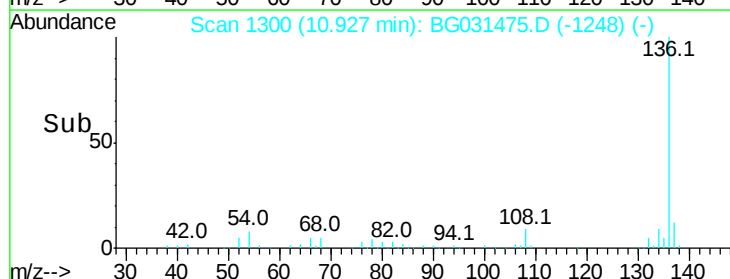
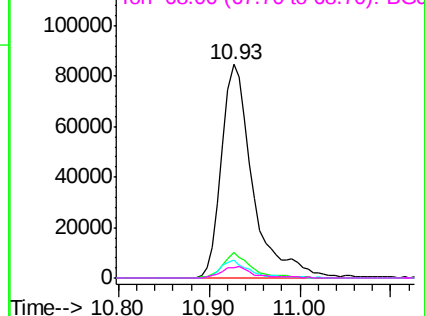
137 11.8 9.2 13.8

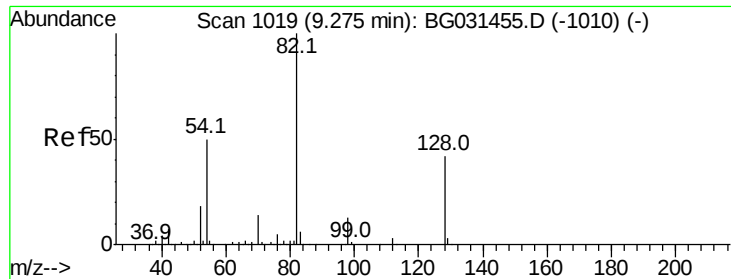
54 8.2 10.3 15.5

68 5.1 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

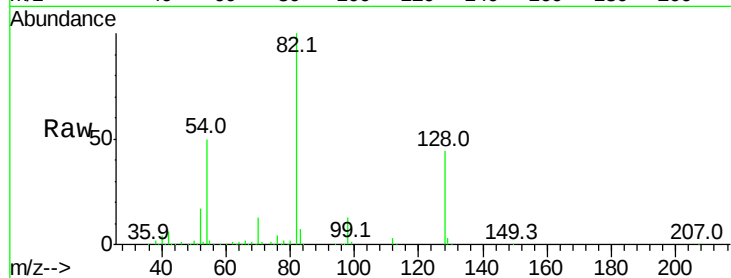




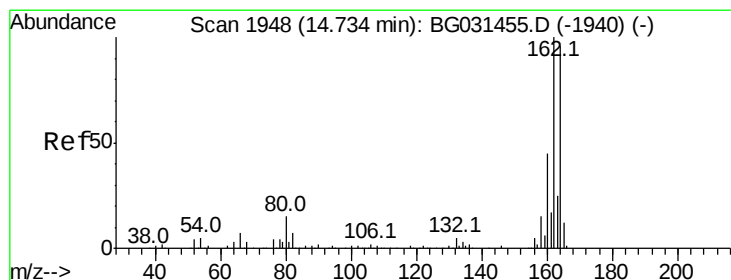
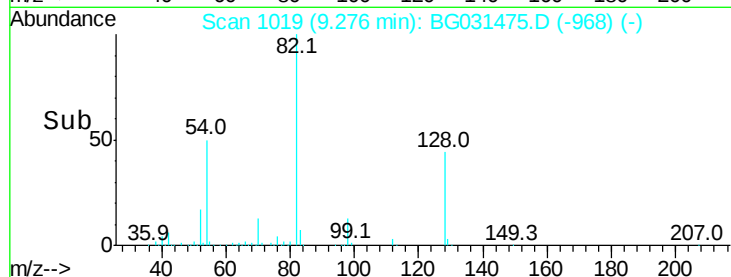
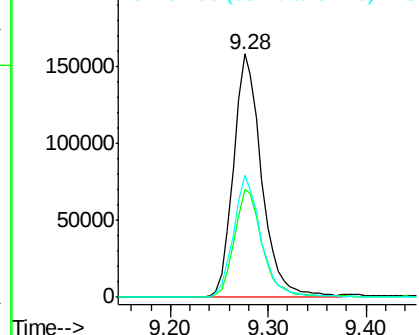
#23
Nitrobenzene-d5
Concen: 96.987 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG031475.D
Acq: 12 Dec 2017 4:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 319509
Ion Ratio Lower Upper
82 100
128 44.1 29.7 44.5
54 50.3 43.1 64.7

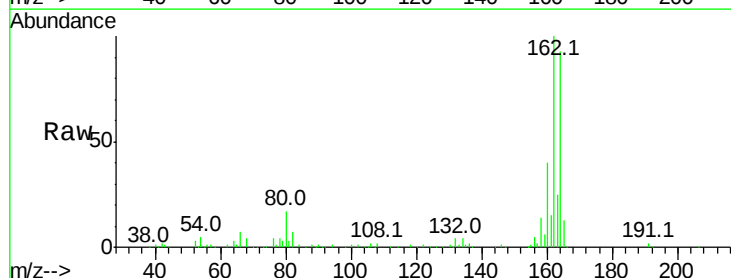


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

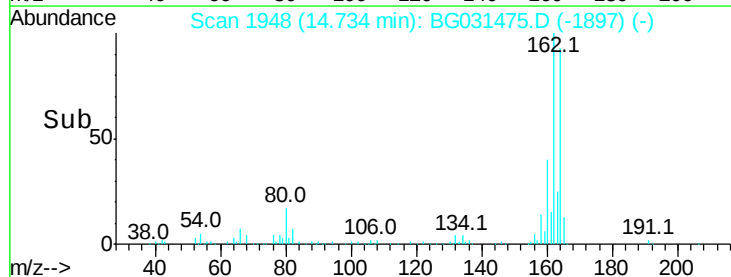
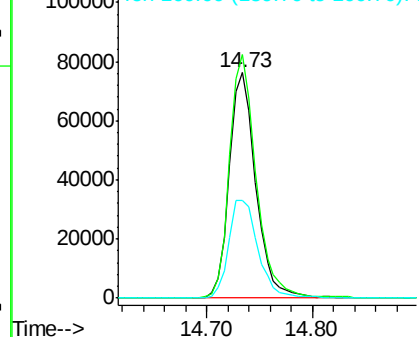


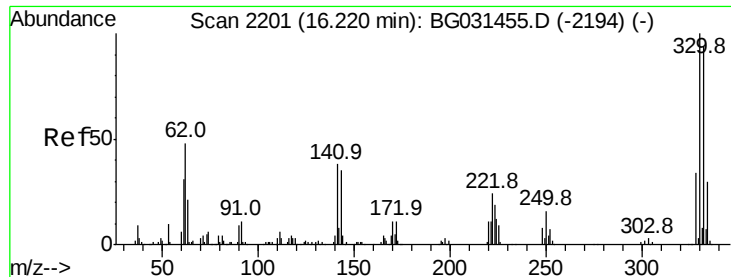
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG031475.D
Acq: 12 Dec 2017 4:27

Tgt Ion:164 Resp: 132608
Ion Ratio Lower Upper
164 100
162 108.0 78.8 118.2
160 43.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

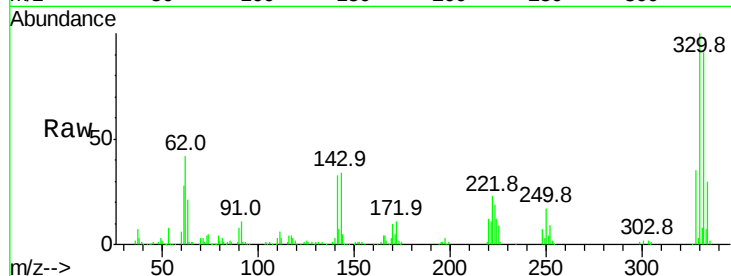




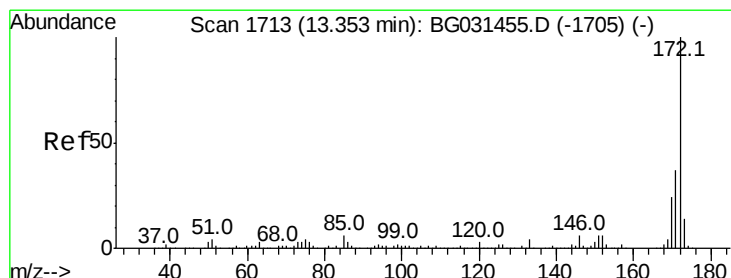
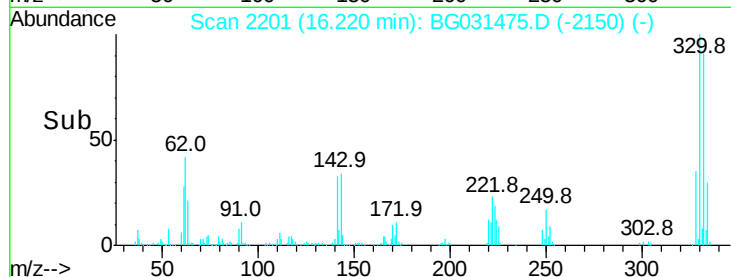
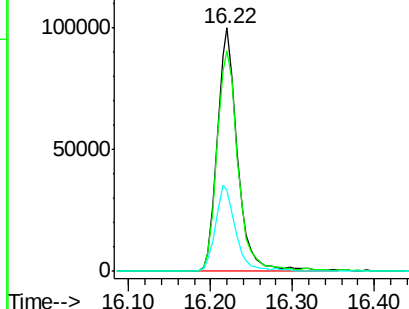
#41
 2,4,6-Tribromophenol
 Concen: 111.091 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031475.D
 Acq: 12 Dec 2017 4:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	35.2	25.2	37.8

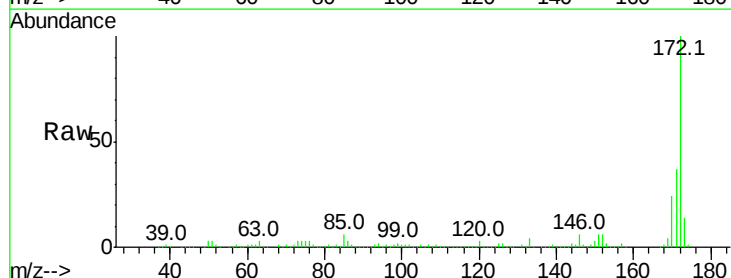


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

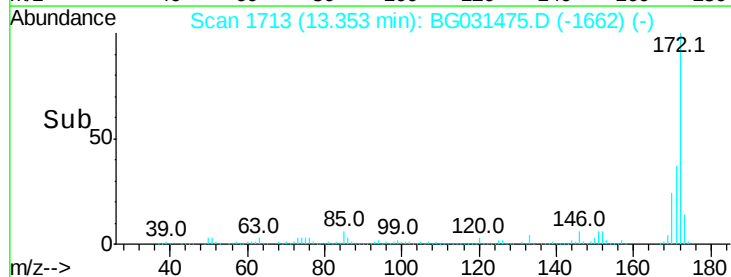
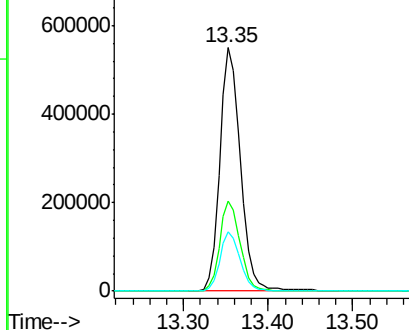


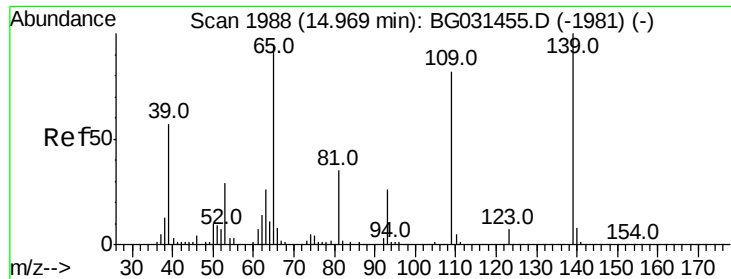
#44
 2-Fluorobiphenyl
 Concen: 103.602 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031475.D
 Acq: 12 Dec 2017 4:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.2	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

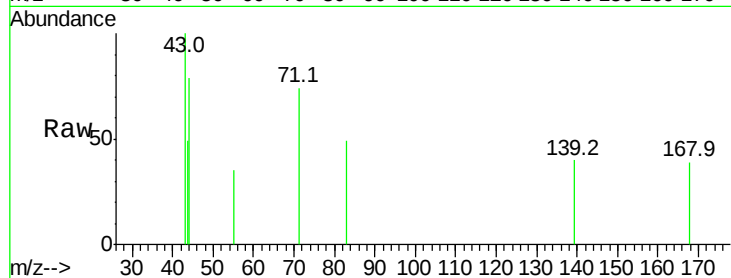




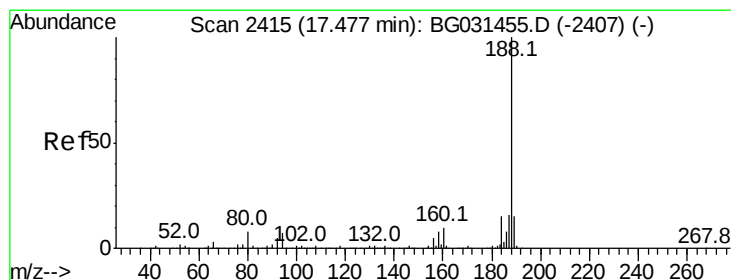
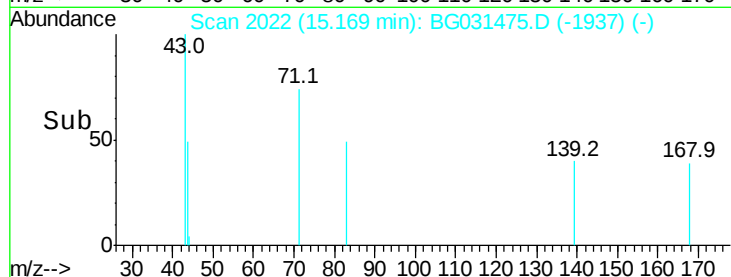
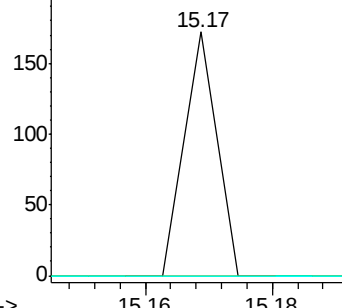
#55
4-Nitrophenol
Concen: 3.578 ng
RT: 15.17 min Scan# 2022
Delta R.T. 0.20 min
Lab File: BG031475.D
Acq: 12 Dec 2017 4:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

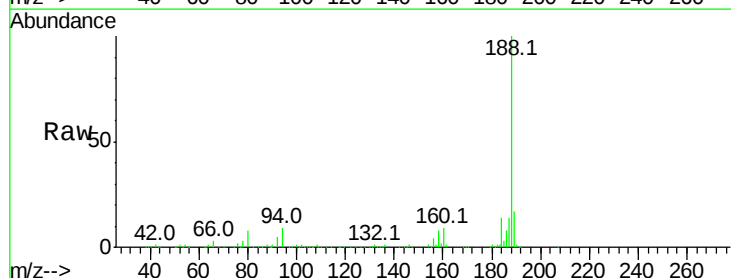


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

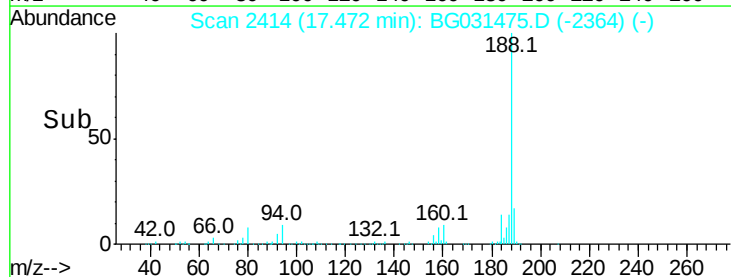
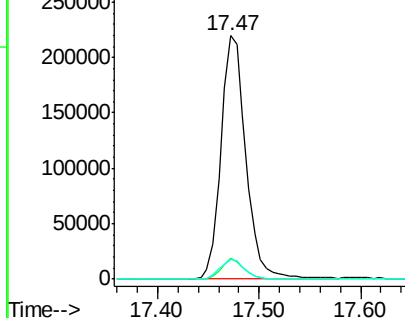


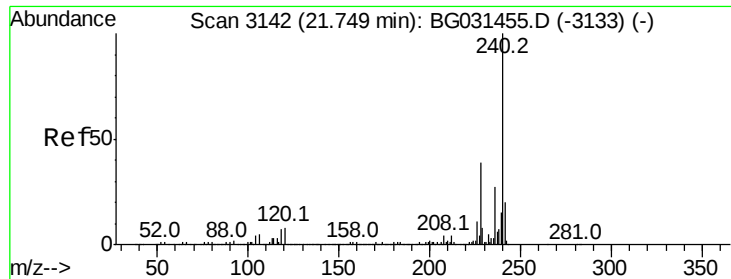
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031475.D
Acq: 12 Dec 2017 4:27

Tgt Ion:188 Resp: 375491
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 8.3 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# 3141

Delta R.T. -0.01 min

Lab File: BG031475.D

Acq: 12 Dec 2017 4:27

Instrument :

BNA_G

ClientSampleId :

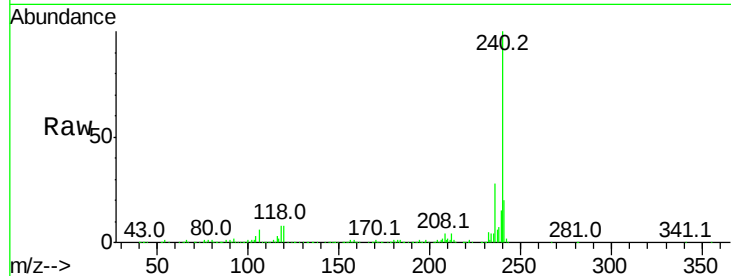
Tot Ion:240 Resp: 444735

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

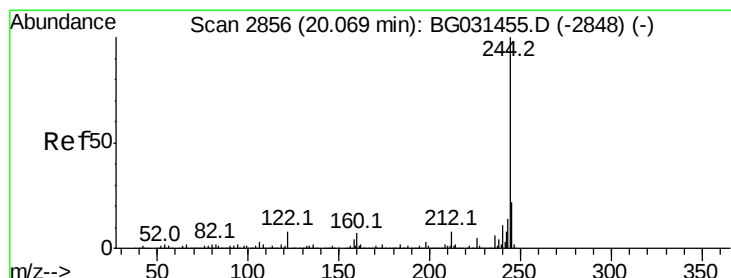
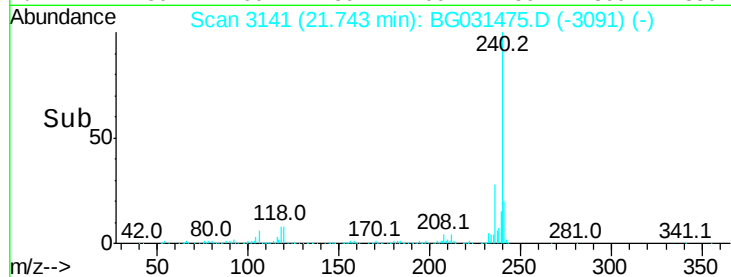
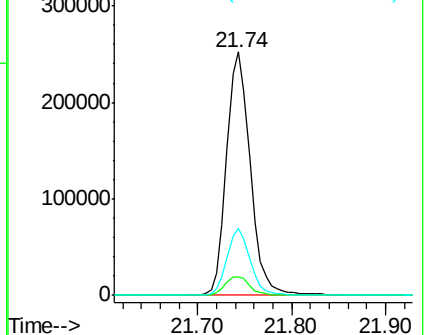
236 27.8 20.9 31.3



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: 90.574 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031475.D

Acq: 12 Dec 2017 4:27

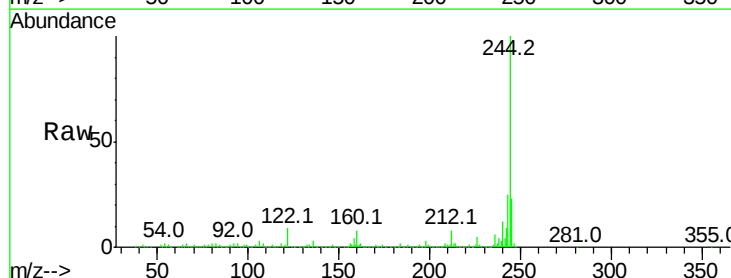
Tgt Ion:244 Resp: 1770490

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

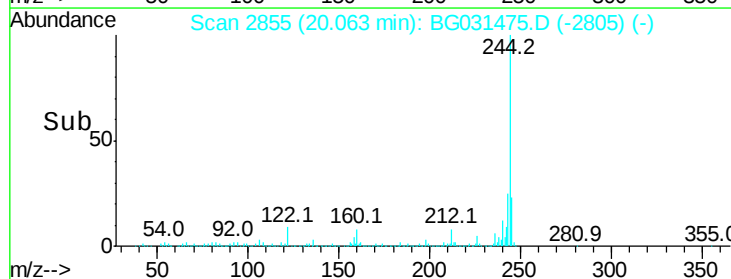
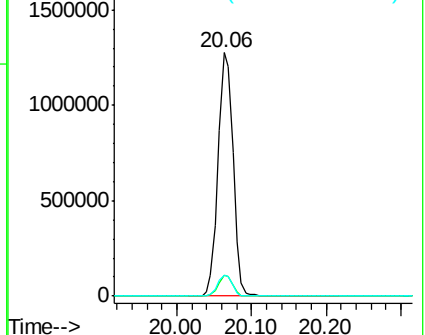
122 8.8 7.0 10.4

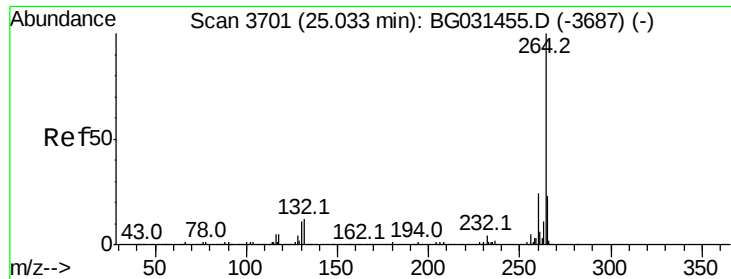


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

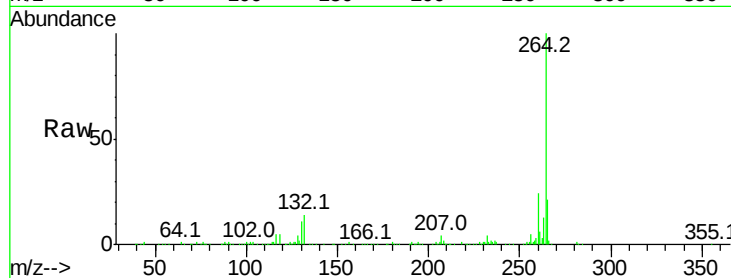




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031475.D
Acq: 12 Dec 2017 4:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	20.9	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

