

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026582.D
 Acq On : 7 Apr 2017 1:39
 Operator : SJ/MA
 Sample : I2571-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUNCAN-AVE

Quant Time: Apr 07 02:31:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	159206	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	613738	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	176869	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	678363	20.00	ng	0.00
75) Chrysene-d12	21.63	240	501043	20.00	ng	0.00
86) Perylene-d12	24.81	264	56970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1205387	134.38	ng	0.00
7) Phenol-d6	7.21	99	929038	77.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	884567	86.66	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	638249	315.11	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2266810	179.73	ng	0.00
78) Terphenyl-d14	19.98	244	2843363	137.82	ng	0.00

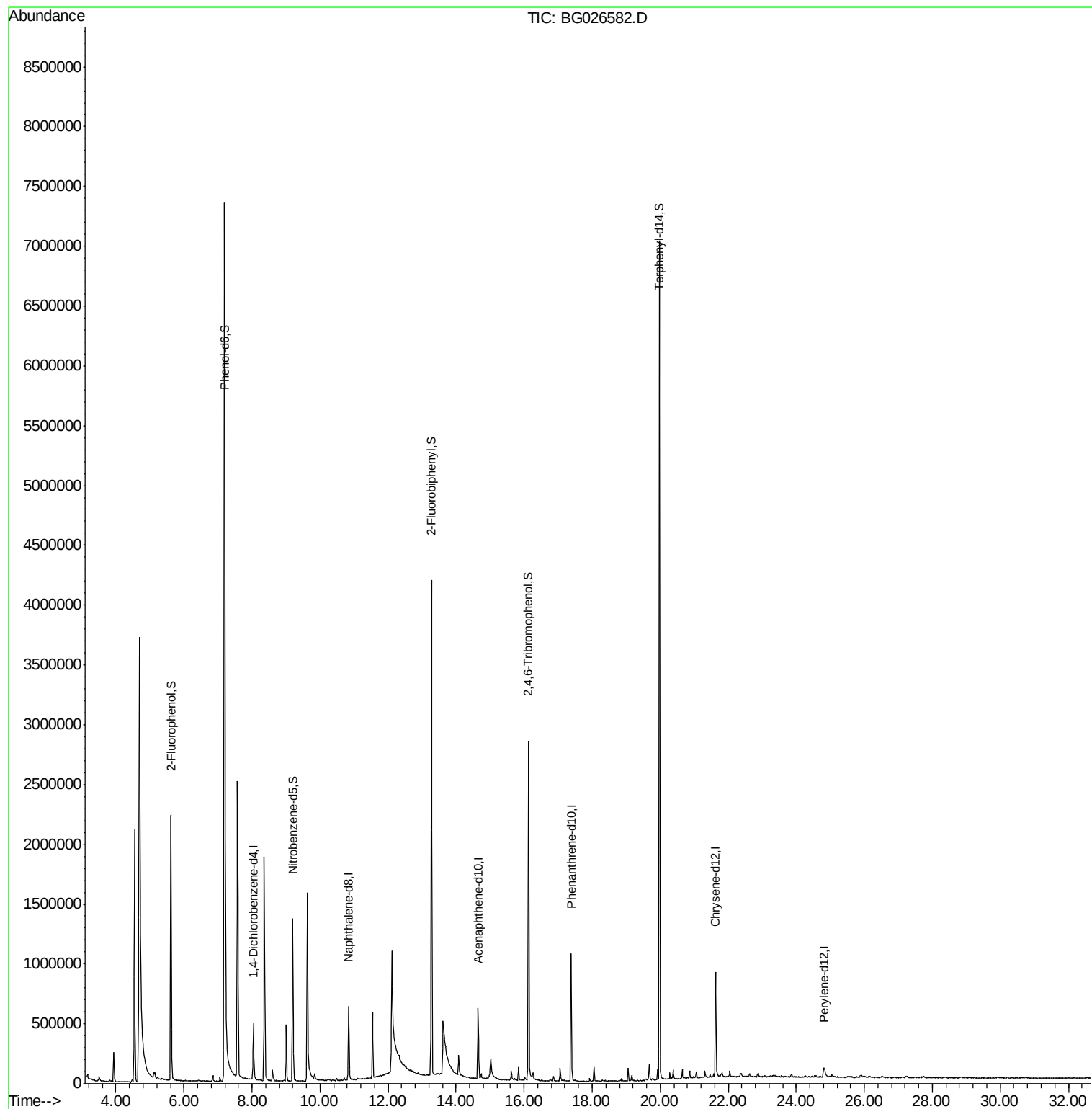
Target Compounds Qvalue

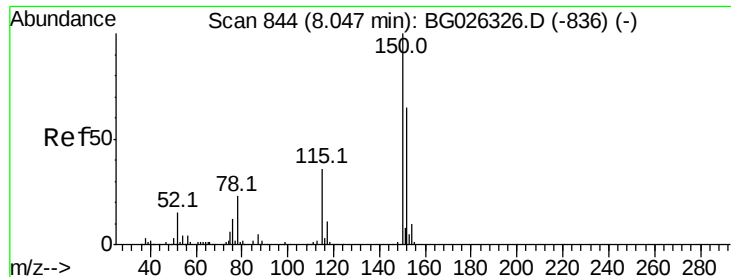
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026582.D

Acq: 7 Apr 2017 1:39

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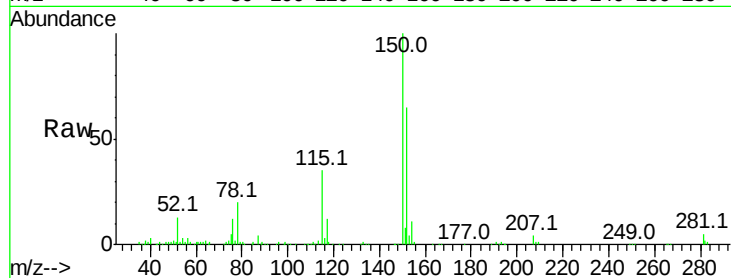
Tot Ion:152 Resp: 159206

Ion Ratio Lower Upper

152 100

150 153.6 114.0 171.0

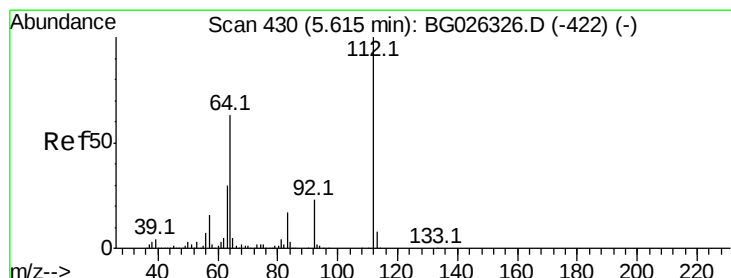
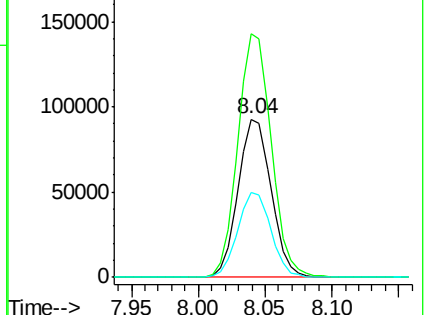
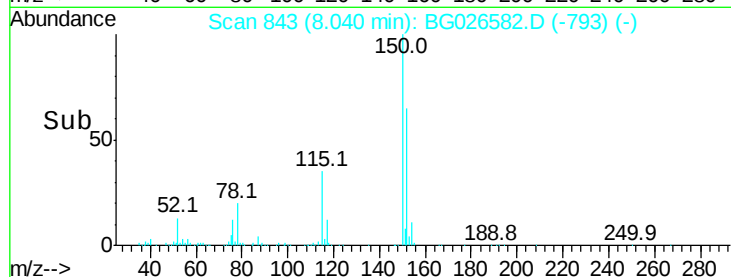
115 53.7 48.1 72.1



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: 134.38 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG026582.D

Acq: 7 Apr 2017 1:39

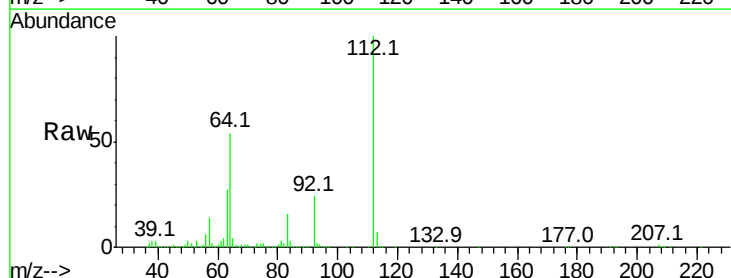
Tgt Ion:112 Resp: 1205387

Ion Ratio Lower Upper

112 100

64 54.4 61.8 92.6#

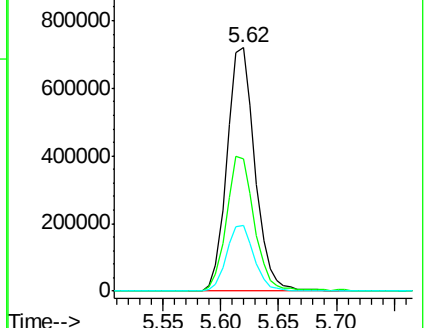
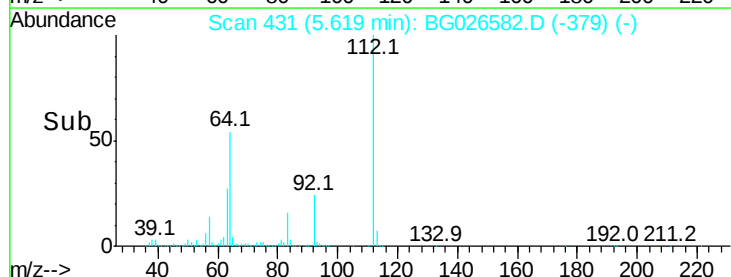
63 26.8 37.2 55.8#

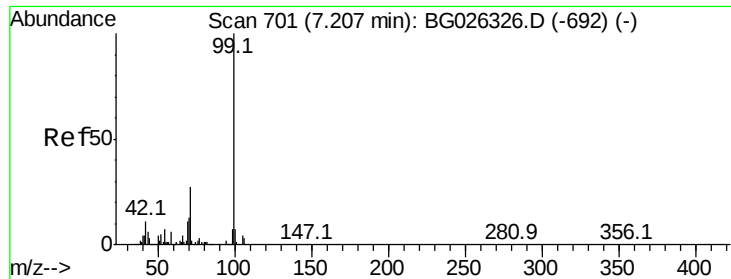


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 77.15 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026582.D

Acq: 7 Apr 2017 1:39

Instrument :

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DUNCAN-AVE

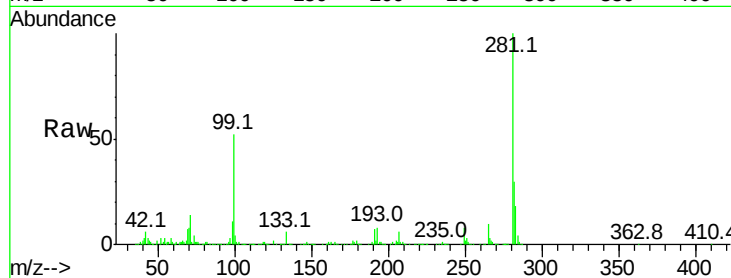
Tot Ion: 99 Resp: 929038

Ion Ratio Lower Upper

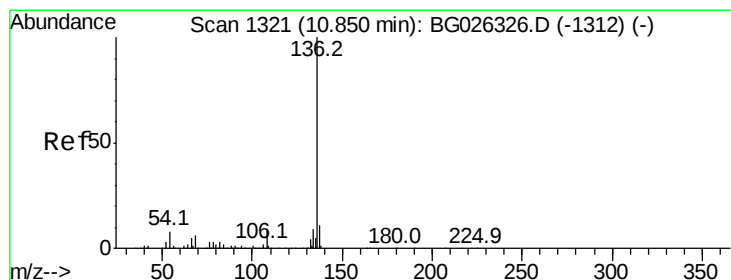
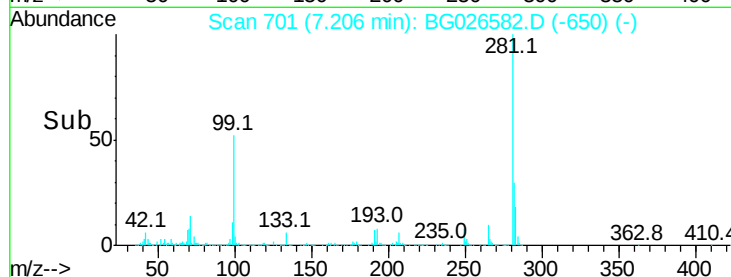
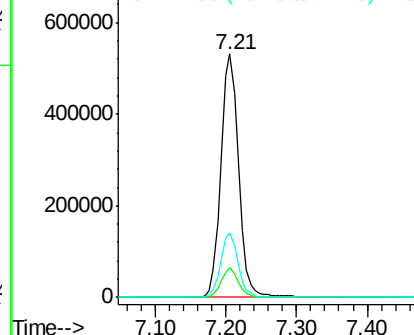
99 100

42 12.2 20.5 30.7#

71 26.4 37.6 56.4#



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: 20.00 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026582.D

Acq: 7 Apr 2017 1:39

Tgt Ion: 136 Resp: 613738

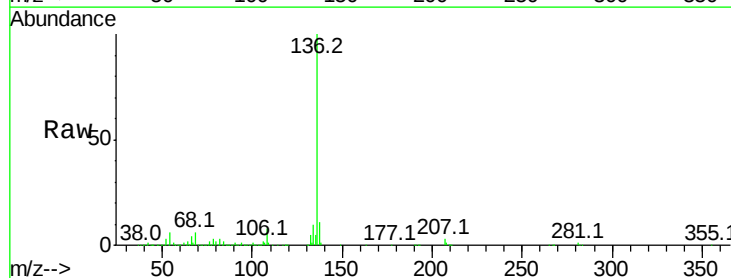
Ion Ratio Lower Upper

136 100

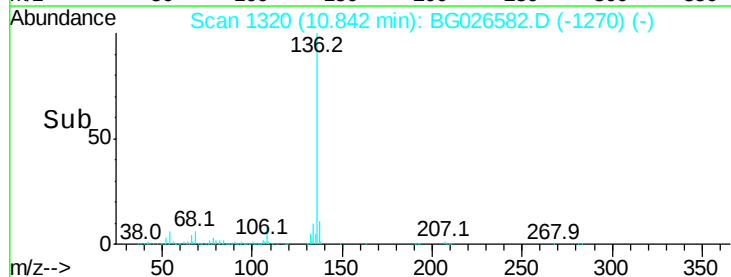
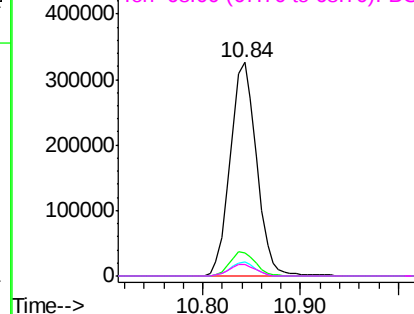
137 11.0 8.9 13.3

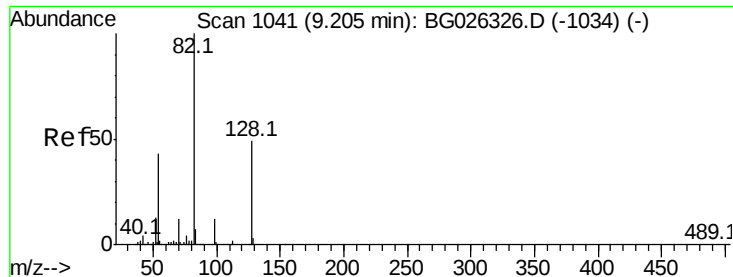
54 6.4 9.3 13.9#

68 5.7 5.1 7.7



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

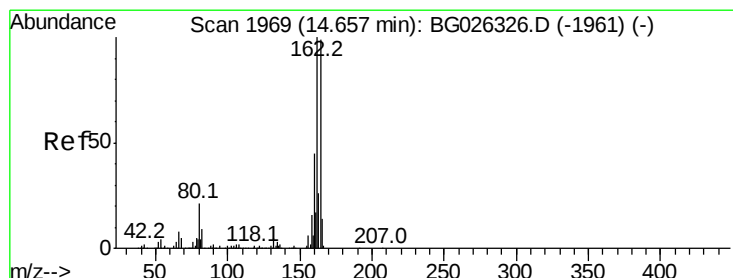
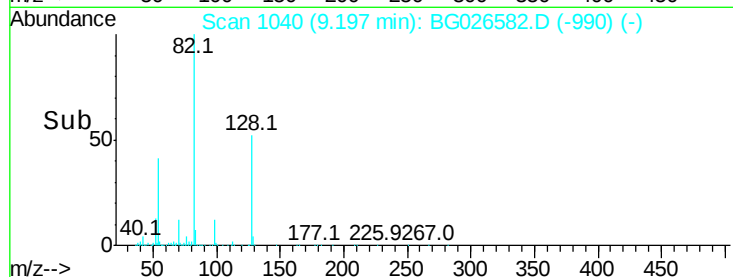
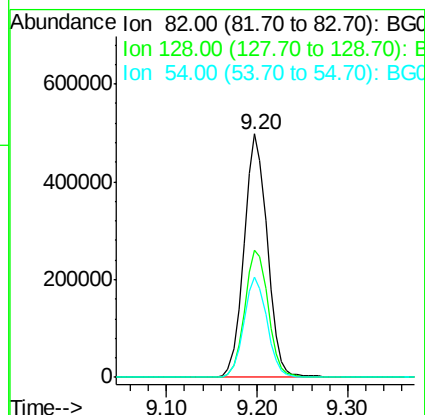
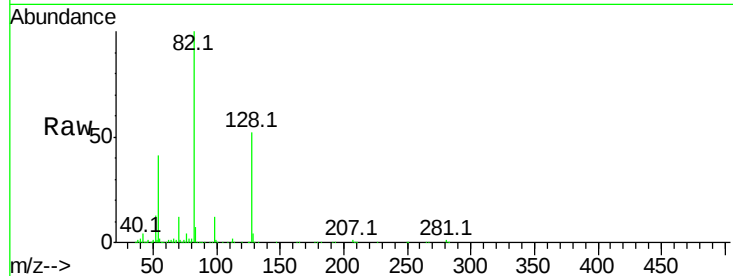




#23
 Nitrobenzene-d5
 Concen: 86.66 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026582.D
 Acq: 7 Apr 2017 1:39

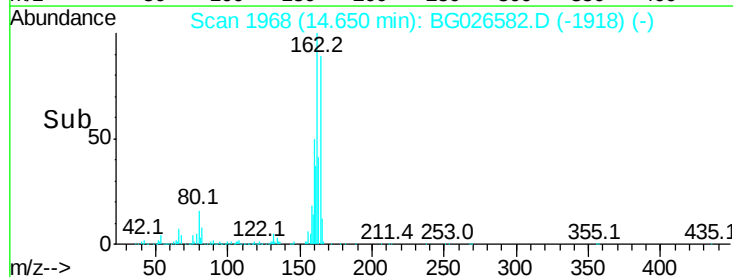
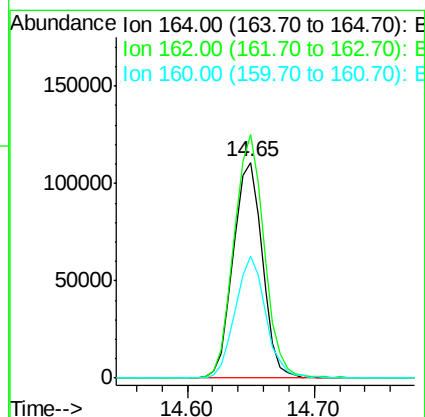
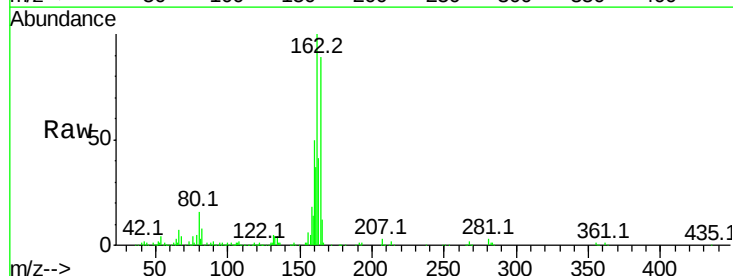
Instrument :
 BNA_G
 ClientSampleId :
 DUNCAN-AVE

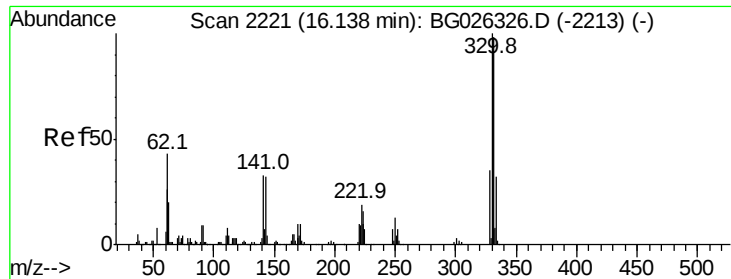
Tot Ion: 82 Resp: 884567
 Ion Ratio Lower Upper
 82 100
 128 52.3 26.4 39.6#
 54 41.0 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026582.D
 Acq: 7 Apr 2017 1:39

Tgt Ion: 164 Resp: 176869
 Ion Ratio Lower Upper
 164 100
 162 113.0 85.1 127.7
 160 56.5 34.7 52.1#

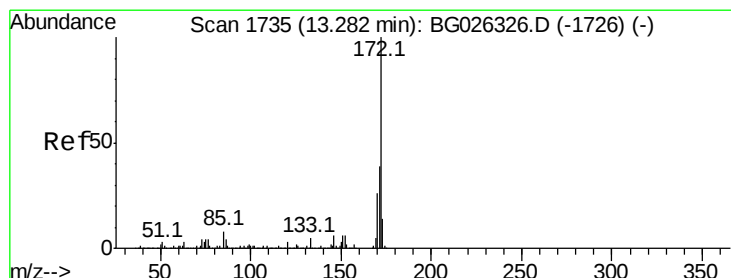
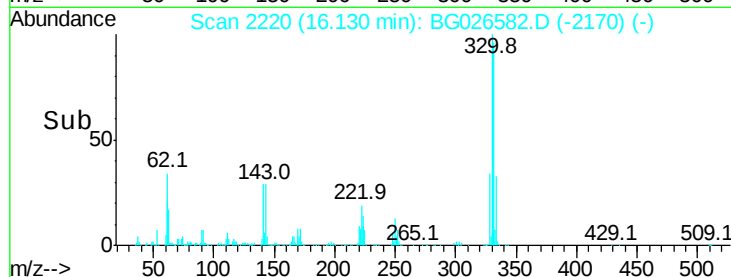
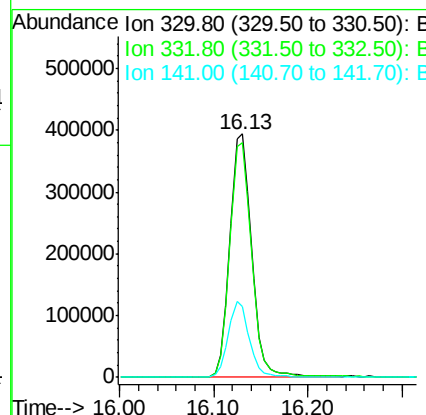
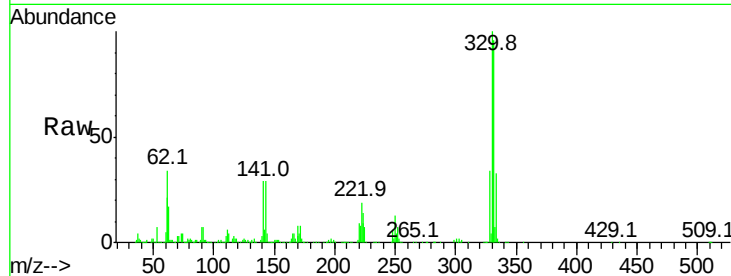




#41
2,4,6-Tribromophenol
Concen: 315.11 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG026582.D
Acq: 7 Apr 2017 1:39

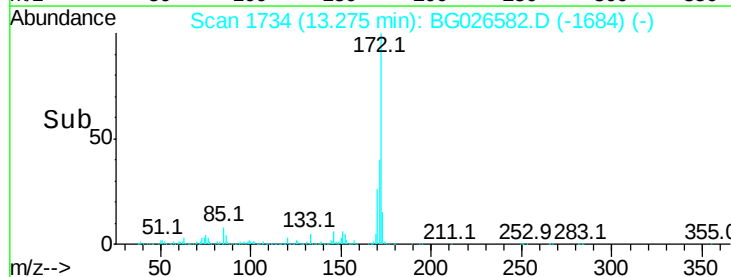
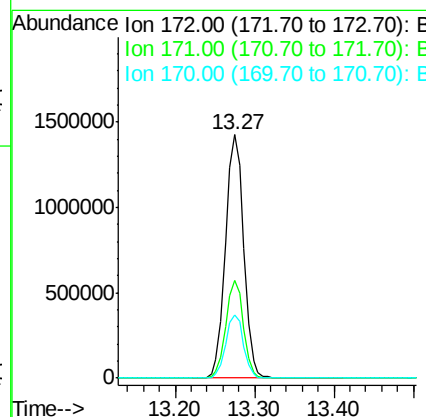
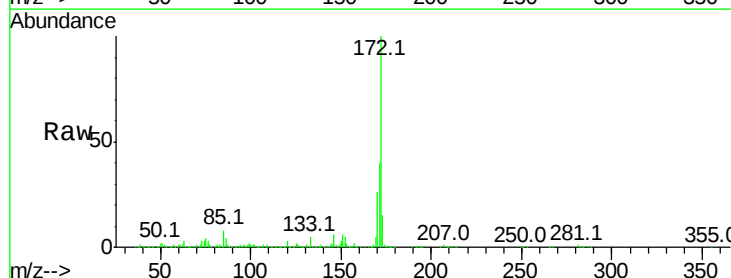
Instrument :
BNA_G
ClientSampleId :
DUNCAN-AVE

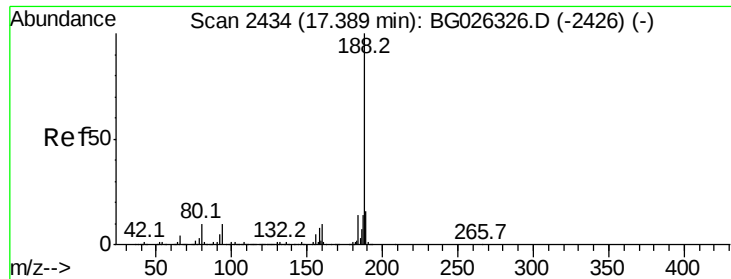
Tot Ion:330 Resp: 638249
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 30.6 32.1 48.1#



#44
2-Fluorobiphenyl
Concen: 179.73 ng
RT: 13.27 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG026582.D
Acq: 7 Apr 2017 1:39

Tgt Ion:172 Resp: 2266810
Ion Ratio Lower Upper
172 100
171 40.0 32.2 48.2
170 26.2 21.8 32.6

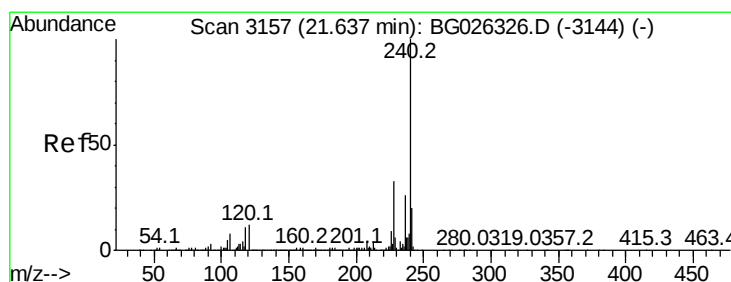
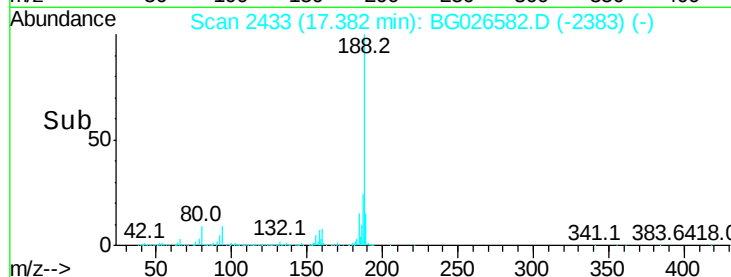
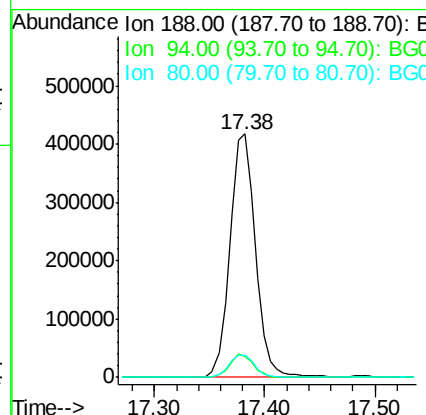
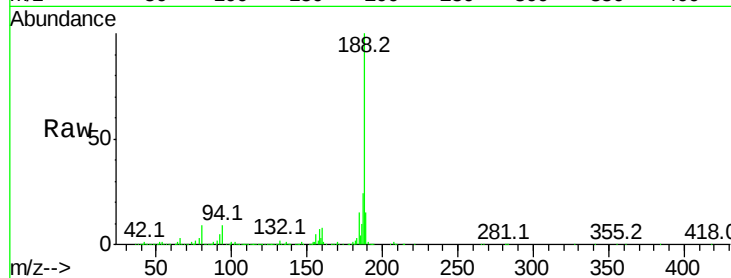




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026582.D
Acq: 7 Apr 2017 1:39

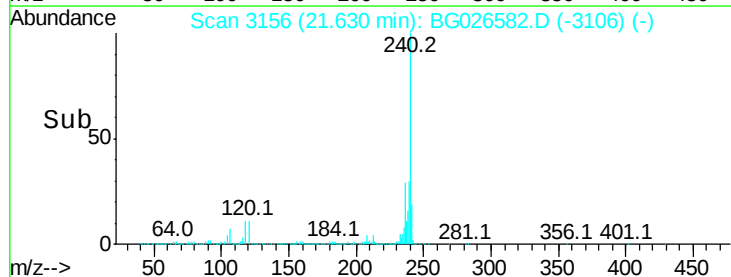
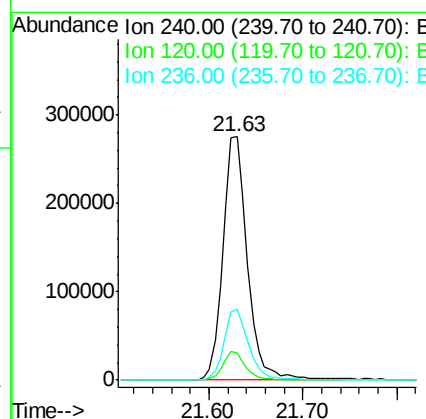
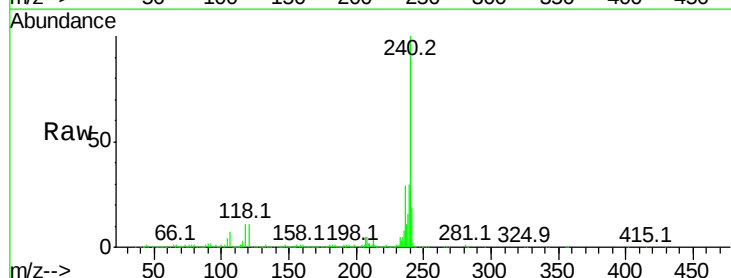
Instrument :
BNA_G
ClientSampleId :
DUNCAN-AVE

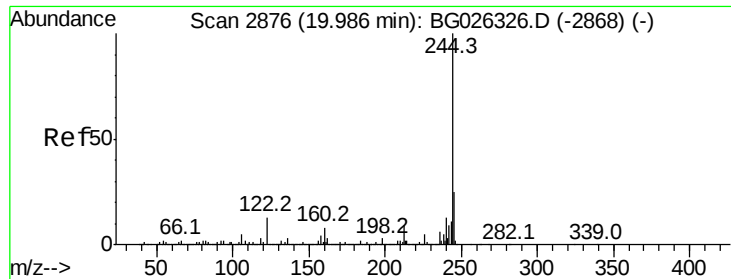
Tot Ion:188 Resp: 678363
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 9.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG026582.D
Acq: 7 Apr 2017 1:39

Tgt Ion:240 Resp: 501043
Ion Ratio Lower Upper
240 100
120 11.0 5.7 8.5#
236 29.3 22.2 33.4

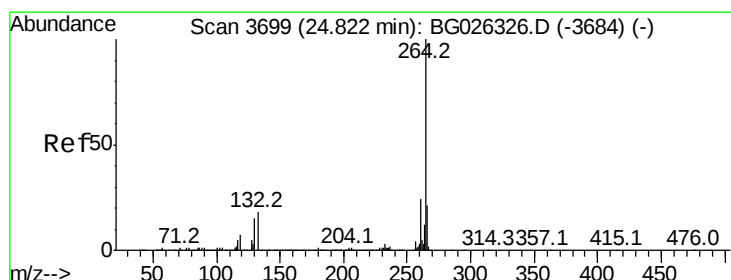
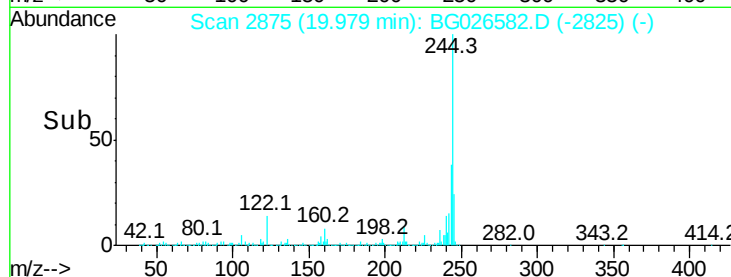
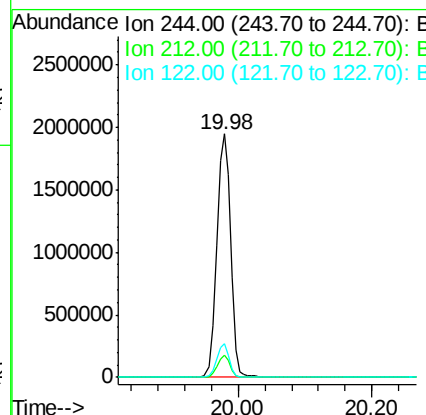
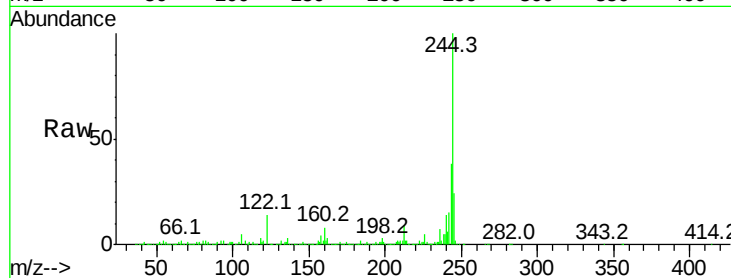




#78
 Terphenyl-d14
 Concen: 137.82 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG026582.D
 Acq: 7 Apr 2017 1:39

Instrument :
 BNA_G
 ClientSampleId :
 DUNCAN-AVE

Tot Ion:244 Resp: 2843363
 Ion Ratio Lower Upper
 244 100
 212 9.0 10.0 15.0#
 122 13.6 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.81 min Scan# 3698
 Delta R.T. -0.01 min
 Lab File: BG026582.D
 Acq: 7 Apr 2017 1:39

Tgt Ion:264 Resp: 56970
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.8 32.8
 265 19.3 18.2 27.4

