

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040417\
 Data File : BG026554.D
 Acq On : 4 Apr 2017 21:54
 Operator : SJ/MA
 Sample : I2518-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2AVE-03

Quant Time: Apr 05 01:17:05 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	163645	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	631691	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	365499	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	857329	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	1088377	20.00	ng	-0.01
86) Perylene-d12	24.80	264	1087503	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	378619	41.07	ng	0.00
7) Phenol-d6	7.20	99	312446	25.24	ng	0.00
23) Nitrobenzene-d5	9.20	82	906137	86.25	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	358528	85.66	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2449743	93.99	ng	0.00
78) Terphenyl-d14	19.98	244	3369231	75.18	ng	0.00

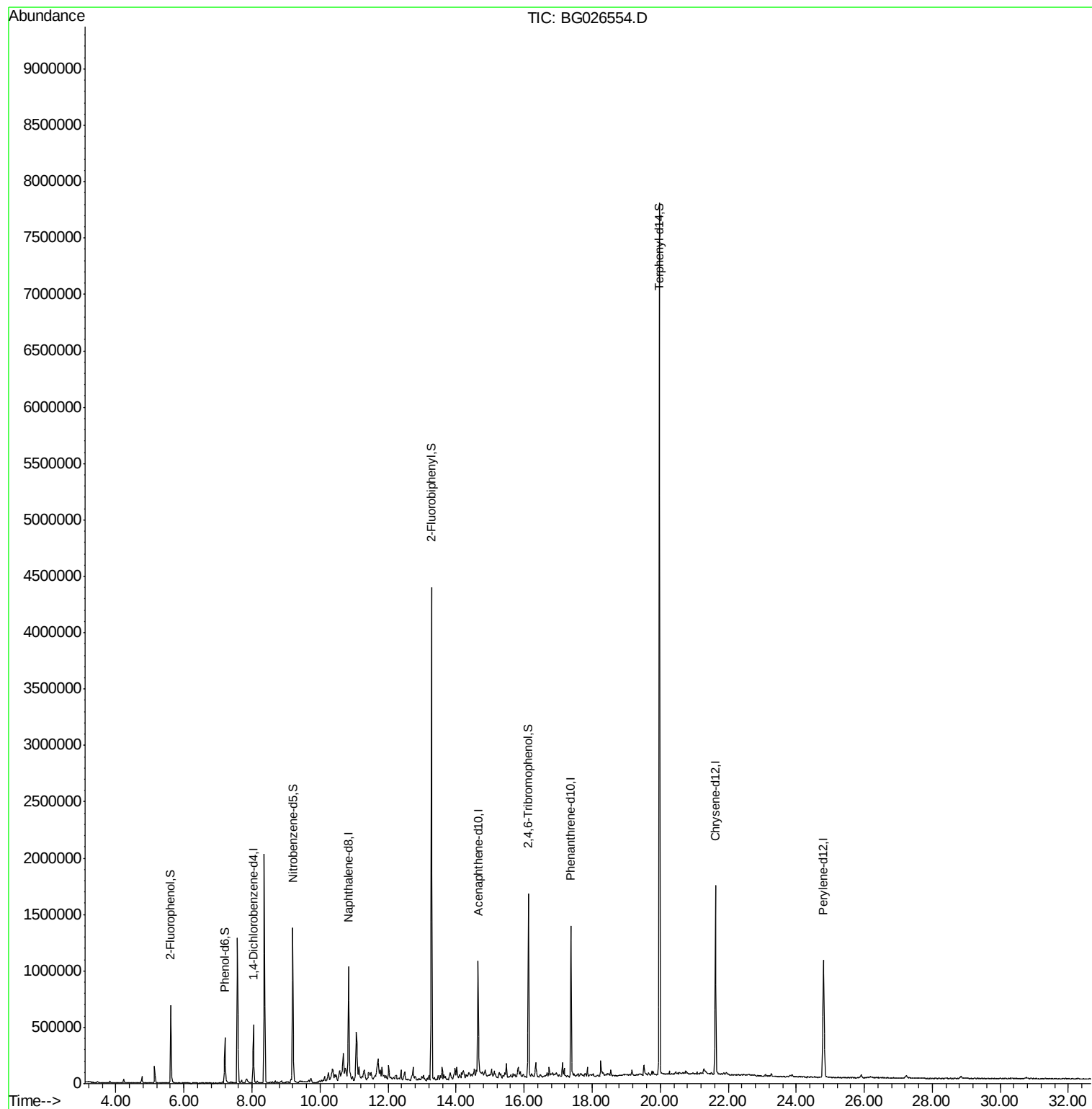
Target Compounds Qvalue

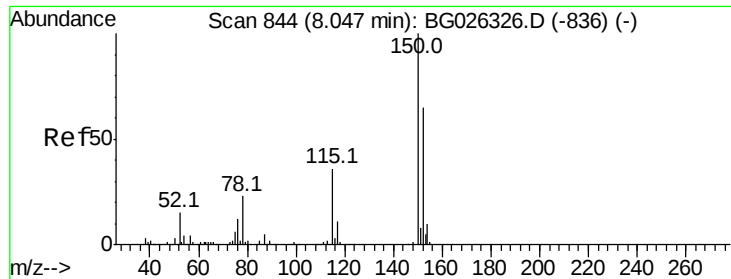
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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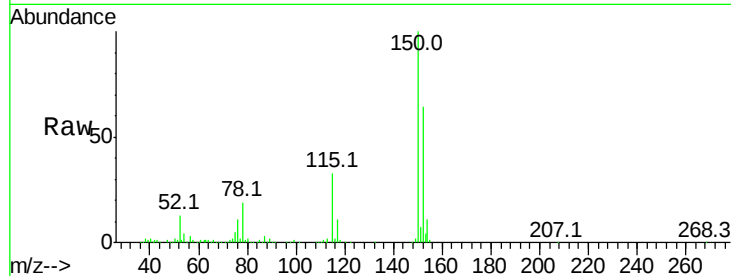


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026554.D
Acq: 4 Apr 2017 21:54

Instrument :
BNA_G
ClientSampleId :
2AVE-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	114.0	171.0
115	51.0	48.1	72.1

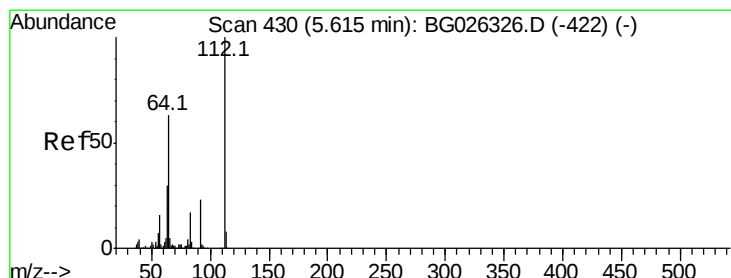
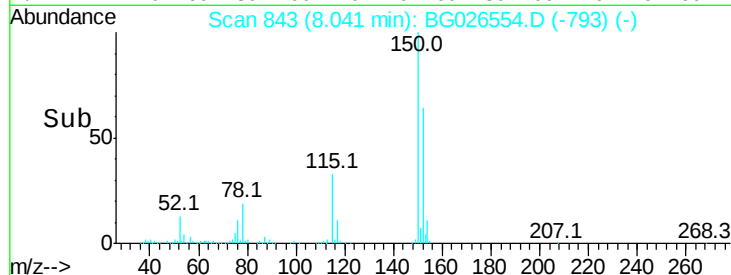
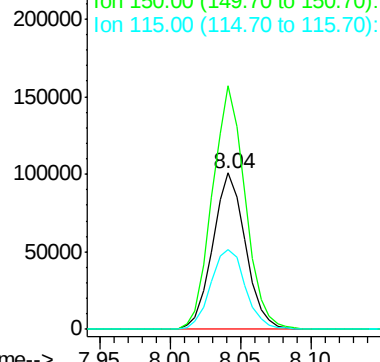


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

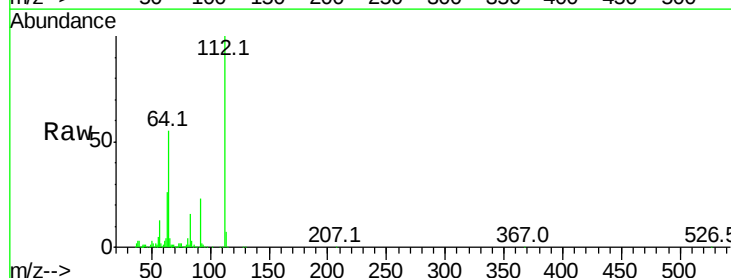
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.07 ng
RT: 5.61 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG026554.D
Acq: 4 Apr 2017 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	61.8	92.6#
63	25.5	37.2	55.8#

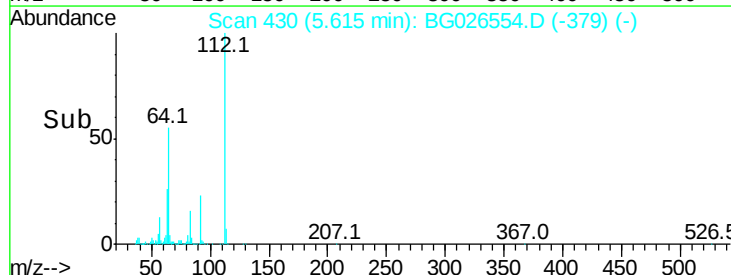
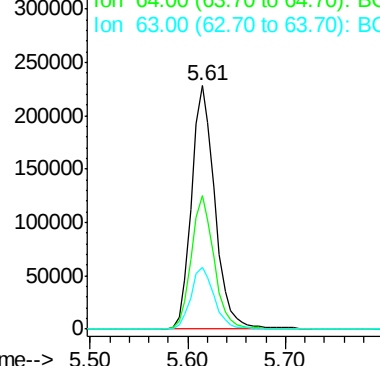


Abundance

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: 25.24 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026554.D

Acq: 4 Apr 2017 21:54

Instrument :

BNA_G

ClientSampleId :

2AVE-03

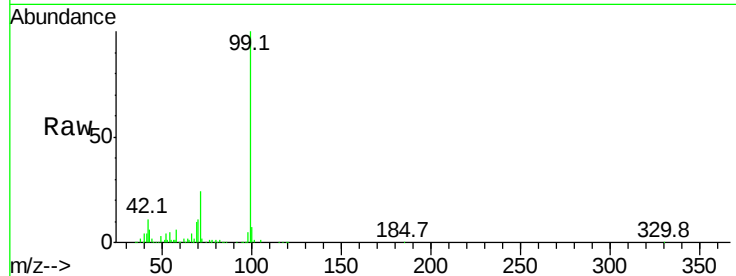
Tot Ion: 99 Resp: 312446

Ion Ratio Lower Upper

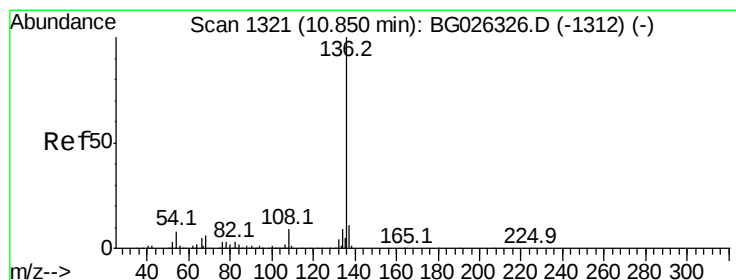
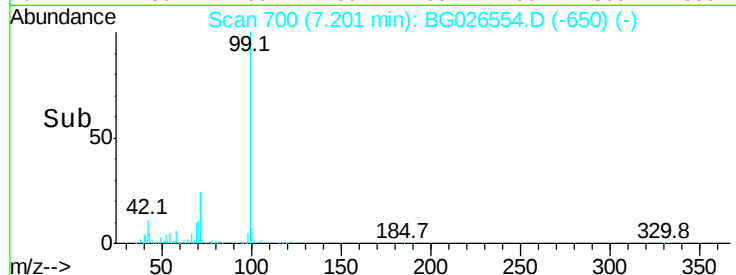
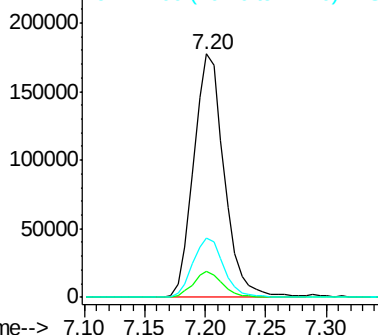
99 100

42 10.8 20.5 30.7#

71 24.2 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# 1319

Delta R.T. -0.01 min

Lab File: BG026554.D

Acq: 4 Apr 2017 21:54

Tgt Ion: 136 Resp: 631691

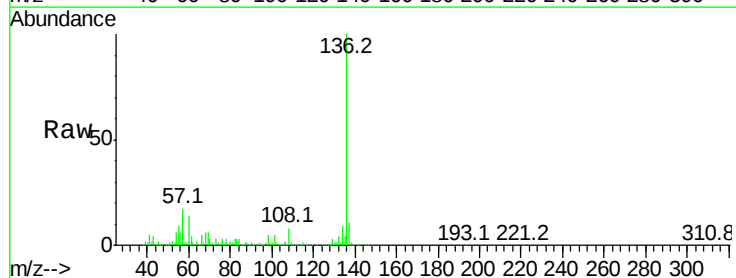
Ion Ratio Lower Upper

136 100

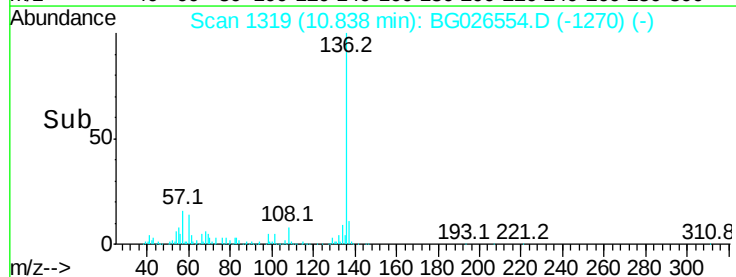
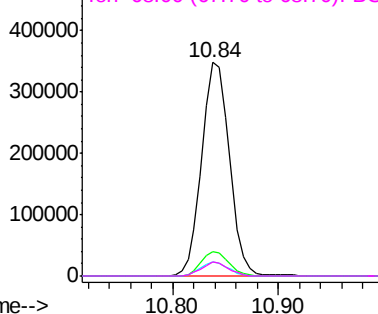
137 11.2 8.9 13.3

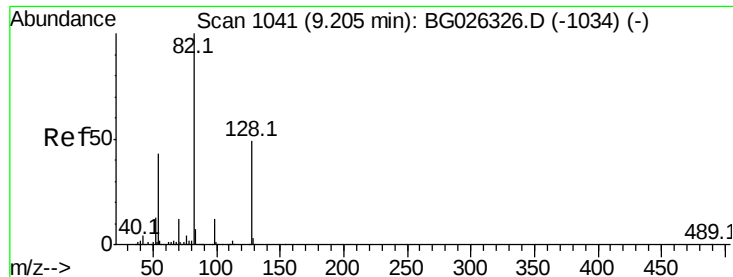
54 6.4 9.3 13.9#

68 6.5 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

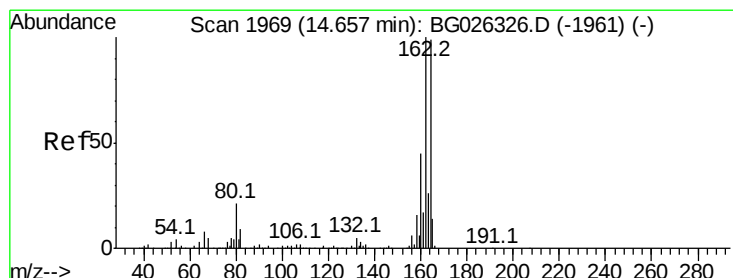
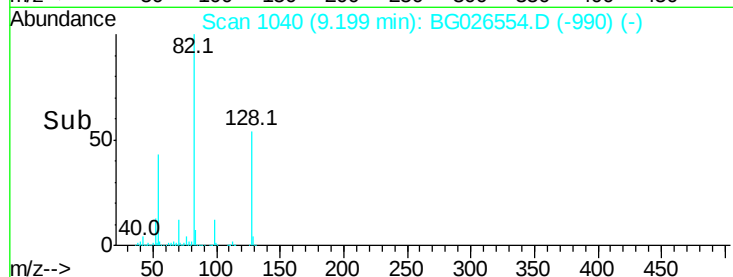
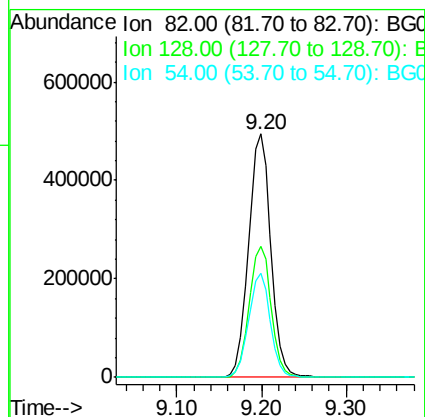
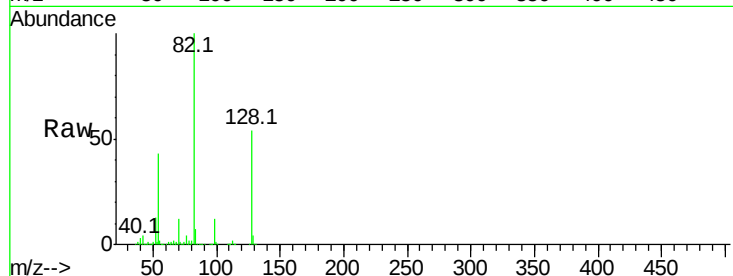




#23
Nitrobenzene-d5
Concen: 86.25 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026554.D
Acq: 4 Apr 2017 21:54

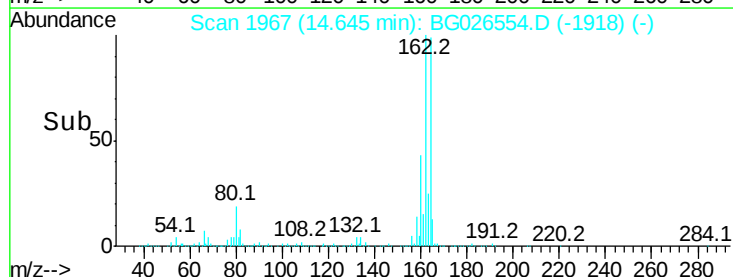
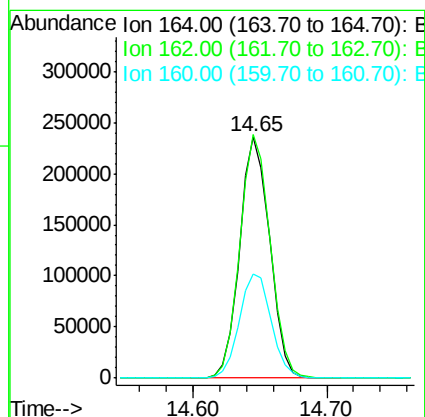
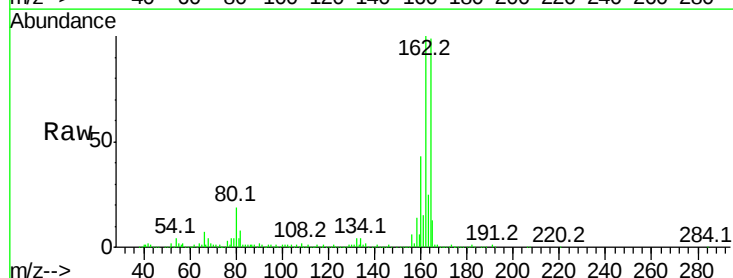
Instrument :
BNA_G
ClientSampleId :
2AVE-03

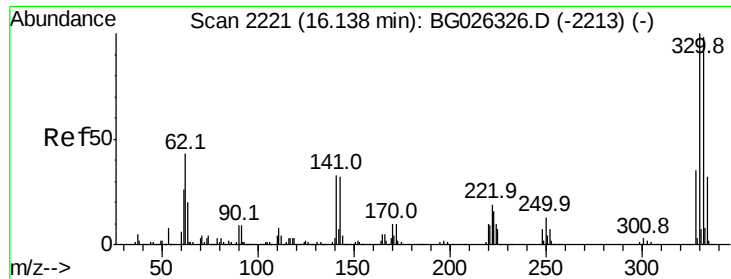
Tot Ion: 82 Resp: 906137
Ion Ratio Lower Upper
82 100
128 53.9 26.4 39.6#
54 42.5 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026554.D
Acq: 4 Apr 2017 21:54

Tgt Ion: 164 Resp: 365499
Ion Ratio Lower Upper
164 100
162 100.8 85.1 127.7
160 42.9 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 85.66 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026554.D

Acq: 4 Apr 2017 21:54

Instrument :

BNA_G

ClientSampleId :

2AVE-03

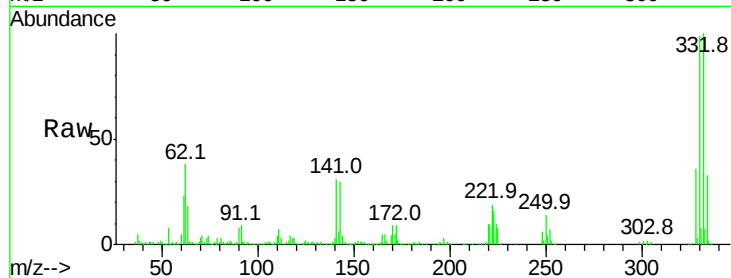
Tot Ion:330 Resp: 358528

Ion Ratio Lower Upper

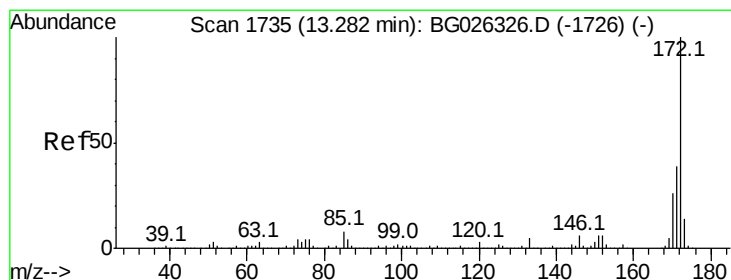
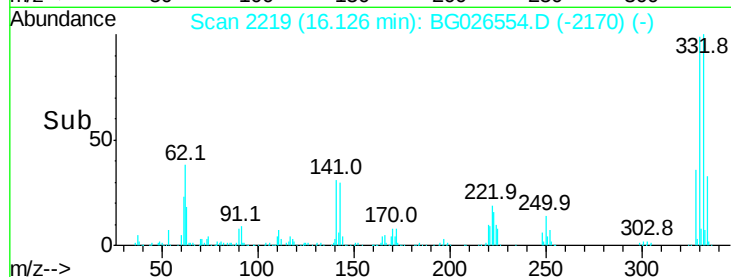
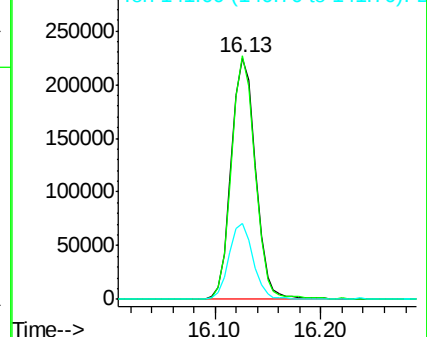
330 100

332 97.8 77.3 115.9

141 30.6 32.1 48.1#



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: 93.99 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG026554.D

Acq: 4 Apr 2017 21:54

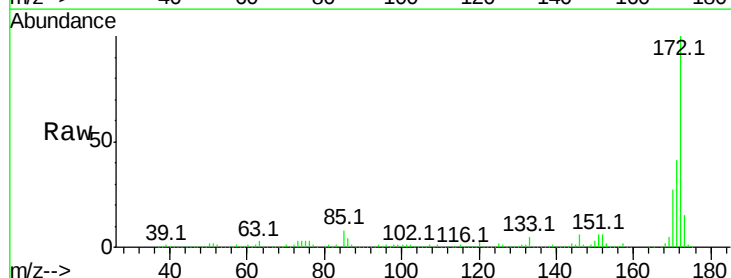
Tgt Ion:172 Resp: 2449743

Ion Ratio Lower Upper

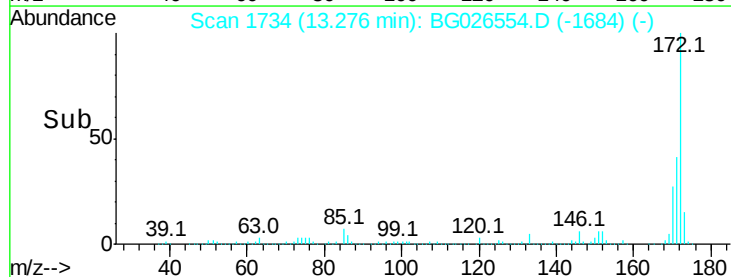
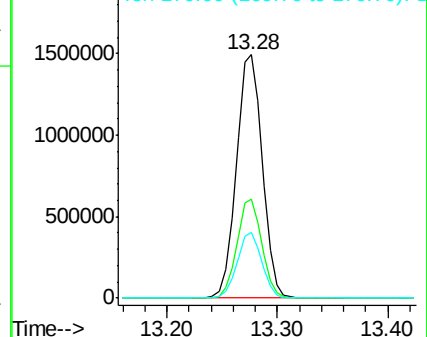
172 100

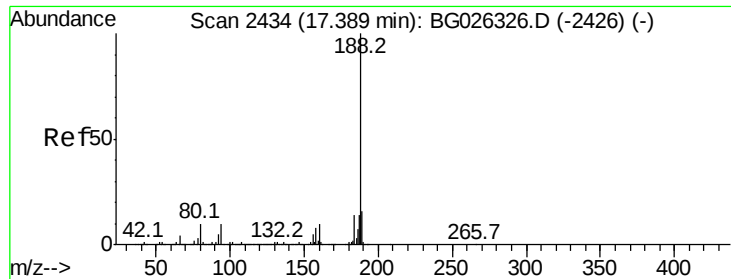
171 40.9 32.2 48.2

170 26.8 21.8 32.6



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: 20.00 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG026554.D

Acq: 4 Apr 2017 21:54

Instrument :

BNA_G

ClientSampleId :

2AVE-03

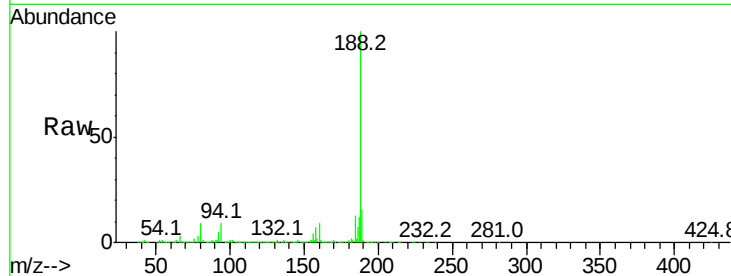
Tot Ion:188 Resp: 857329

Ion Ratio Lower Upper

188 100

94 8.7 5.8 8.8

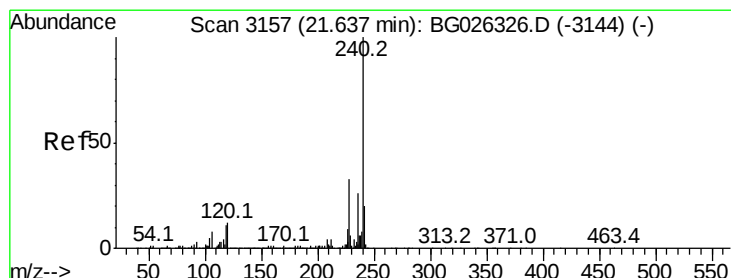
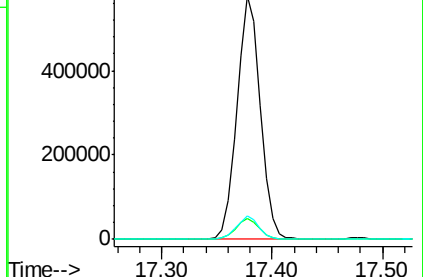
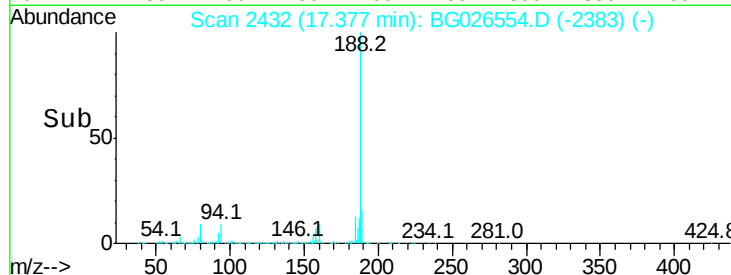
80 9.4 7.5 11.3



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: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026554.D

Acq: 4 Apr 2017 21:54

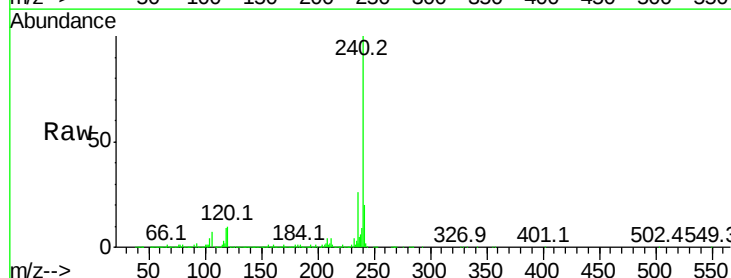
Tgt Ion:240 Resp: 1088377

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

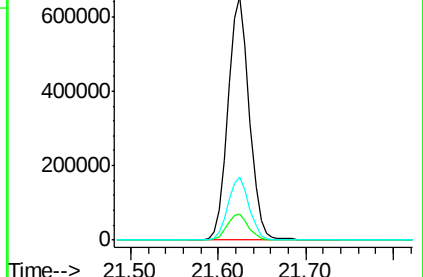
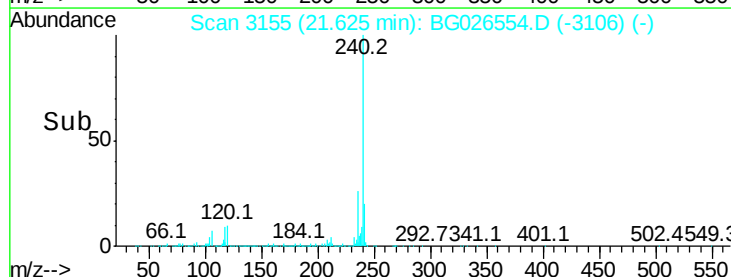
236 25.9 22.2 33.4

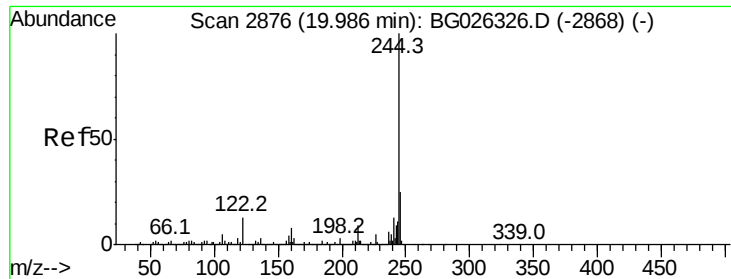


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.18 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026554.D

Acq: 4 Apr 2017 21:54

Instrument :

BNA_G

ClientSampleId :

2AVE-03

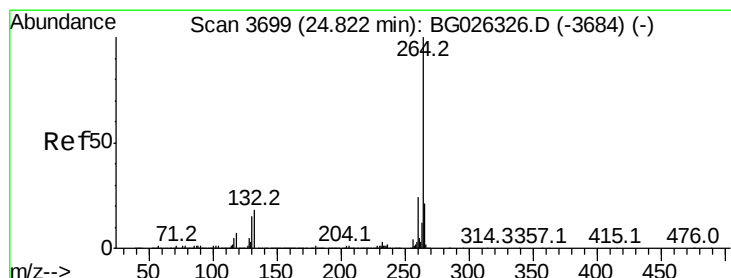
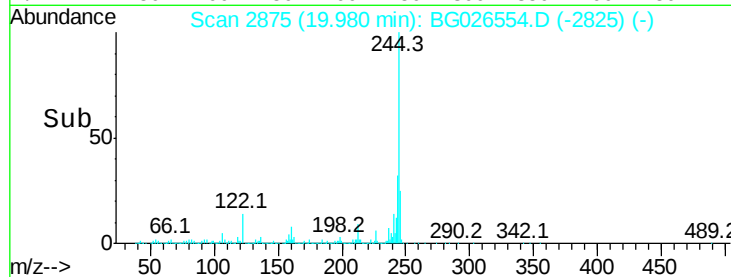
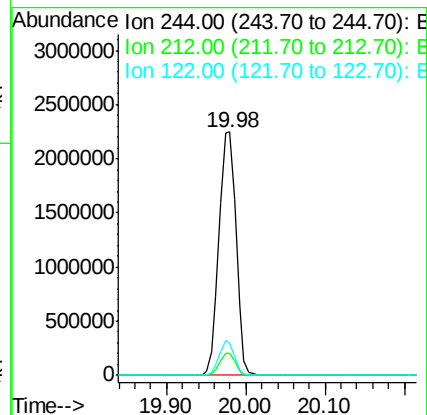
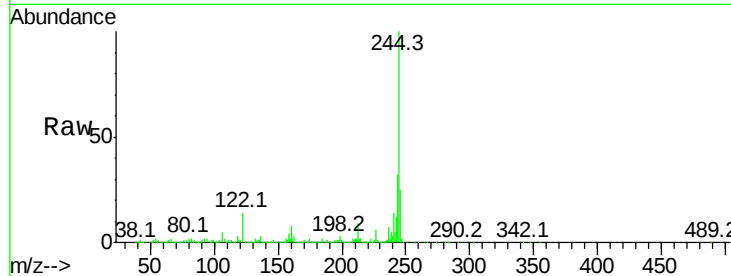
Tot Ion:244 Resp: 3369231

Ion Ratio Lower Upper

244 100

212 9.2 10.0 15.0#

122 13.6 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.02 min

Lab File: BG026554.D

Acq: 4 Apr 2017 21:54

Tgt Ion:264 Resp: 1087503

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 21.5 18.2 27.4

