

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032517\
 Data File : BG026423.D
 Acq On : 24 Mar 2017 20:29
 Operator : SJ/MA
 Sample : I2378-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 53A-9-11

Quant Time: Mar 24 23:46:05 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

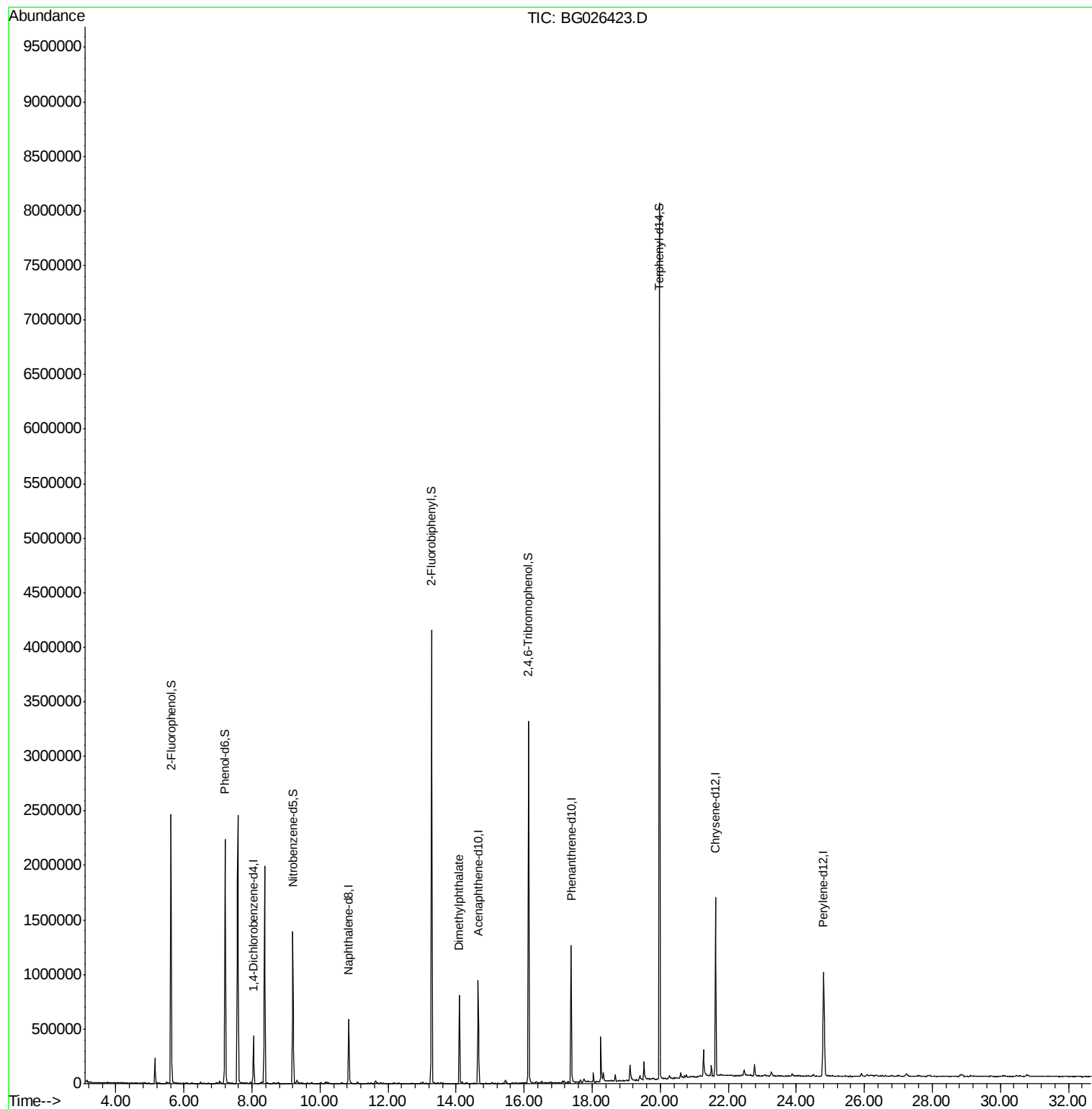
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	141506	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	573734	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	335447	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	815441	20.00	ng	0.00
75) Chrysene-d12	21.62	240	1019446	20.00	ng	-0.01
86) Perylene-d12	24.80	264	978317	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1278843	160.40	ng	0.00
7) Phenol-d6	7.21	99	1666122	155.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	891464	93.43	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	707869	184.27	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2407480	100.65	ng	0.00
78) Terphenyl-d14	19.98	244	3341331	79.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.10	163	625889	24.72	ng	Qvalue 97

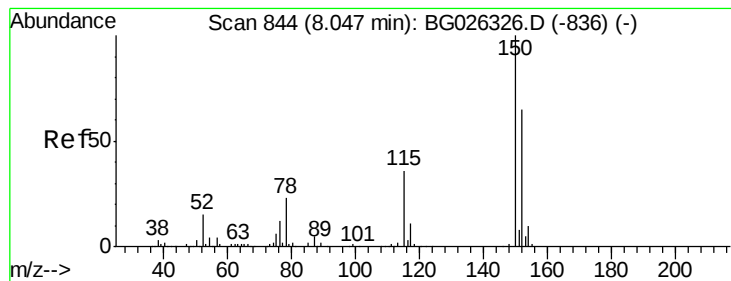
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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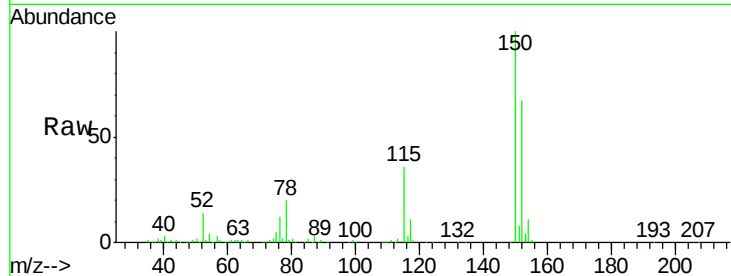


#1

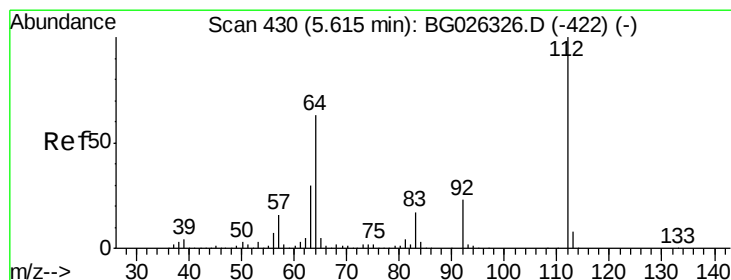
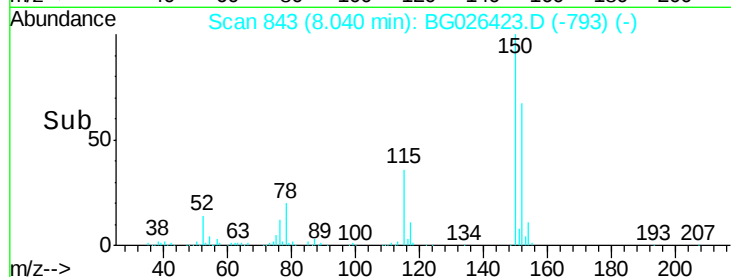
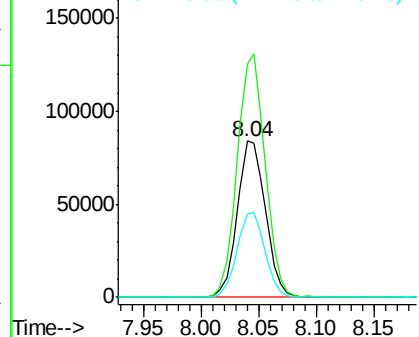
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

Instrument :
BNA_G
ClientSampleId :
53A-9-11

Tot Ion:152 Resp: 141506
Ion Ratio Lower Upper
152 100
150 149.0 114.0 171.0
115 53.9 48.1 72.1



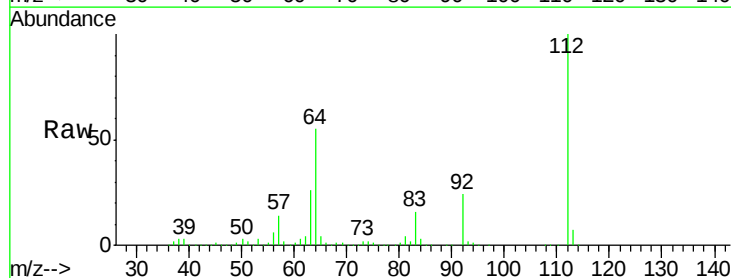
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



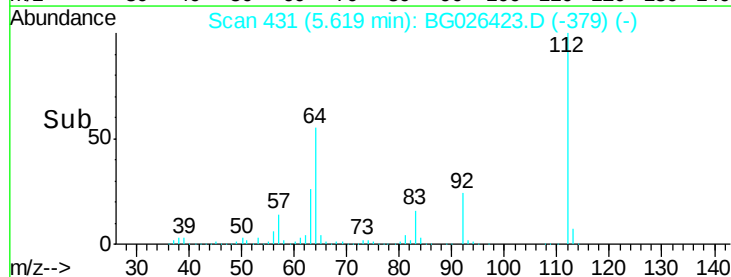
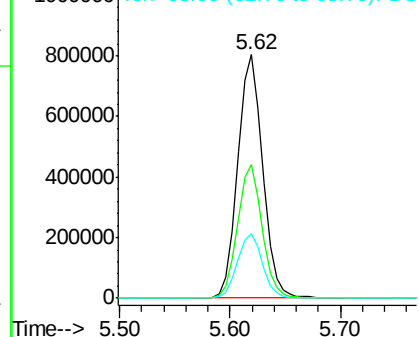
#5

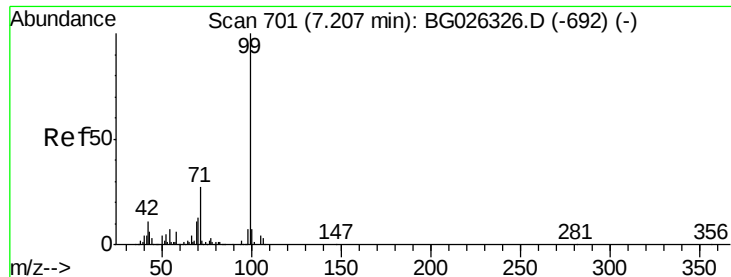
2-Fluorophenol
Concen: 160.40 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

Tgt Ion:112 Resp: 1278843
Ion Ratio Lower Upper
112 100
64 54.8 61.8 92.6#
63 26.4 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: 155.66 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

Instrument :

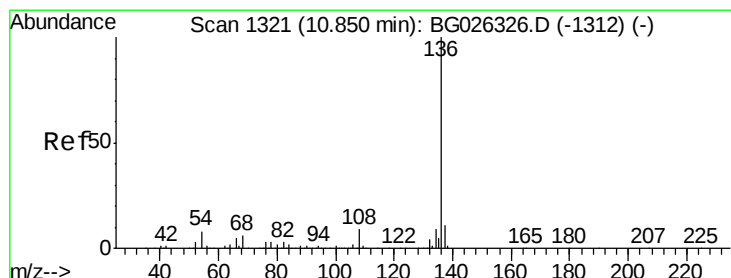
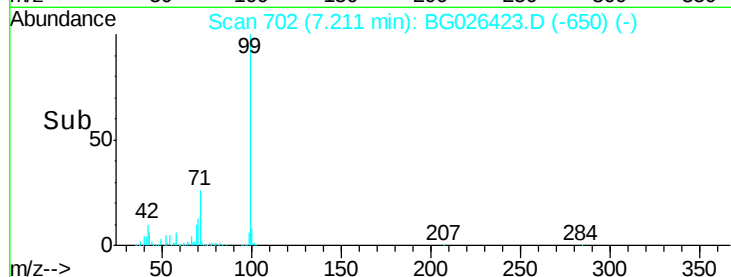
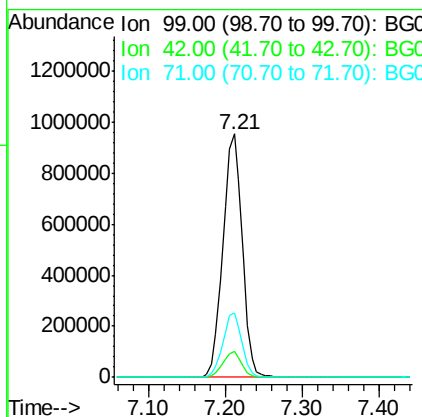
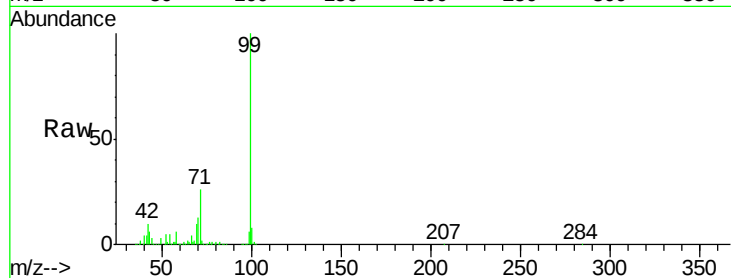
BNA_G

ClientSampleId :

53A-9-11

Tot Ion: 99 Resp: 1666122

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.3	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

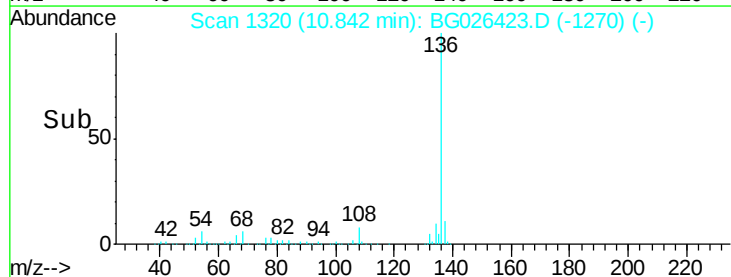
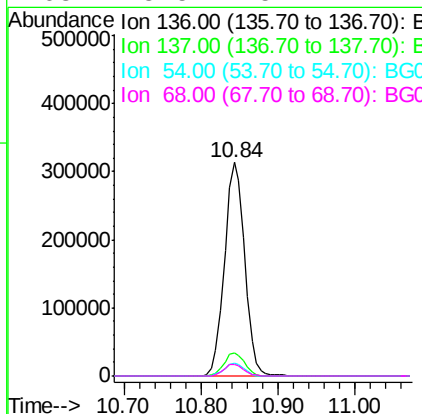
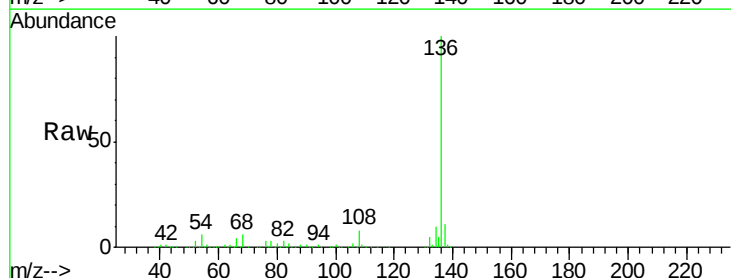
Delta R.T. -0.01 min

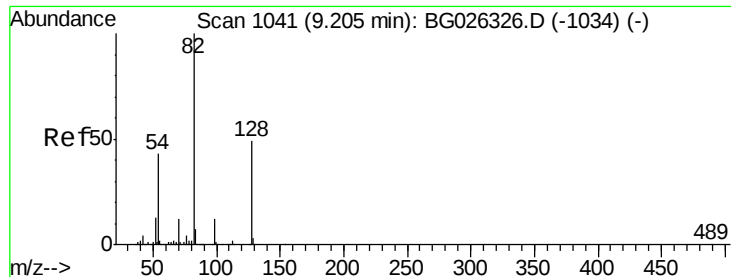
Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

Tgt Ion: 136 Resp: 573734

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	9.3	13.9#
68	5.5	5.1	7.7

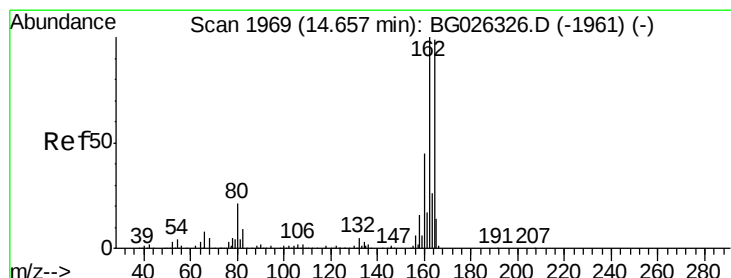
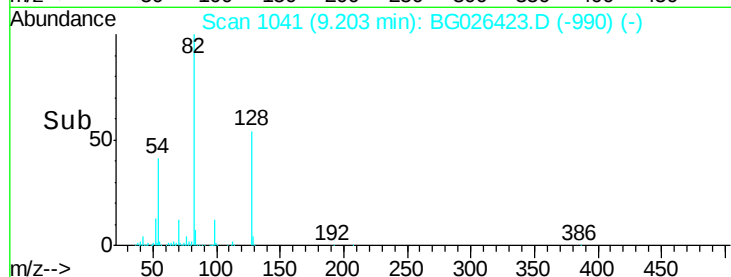
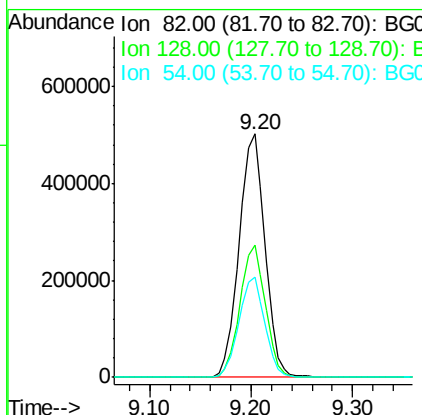
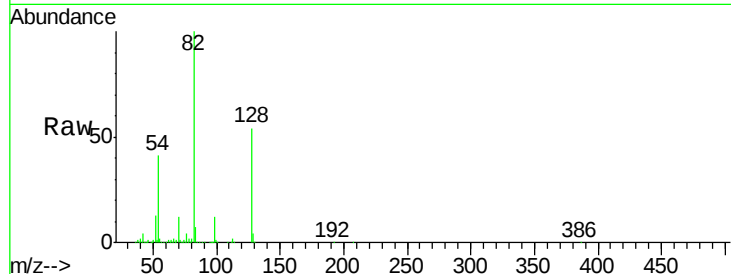




#23
 Nitrobenzene-d5
 Concen: 93.43 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG026423.D
 Acq: 24 Mar 2017 20:29

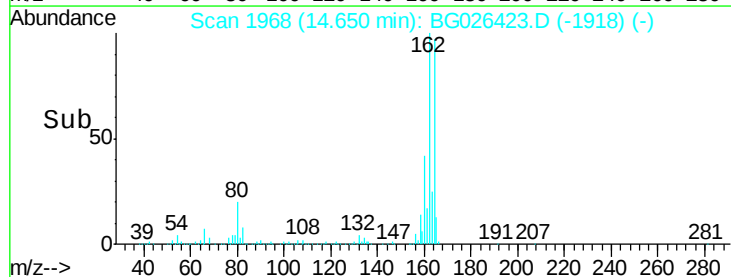
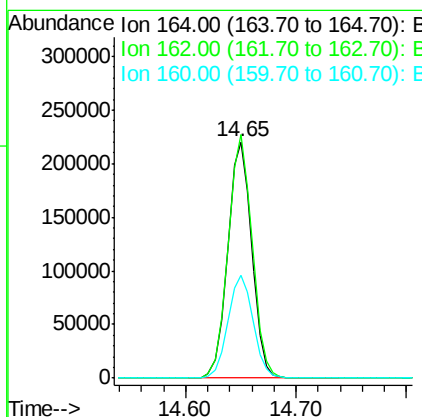
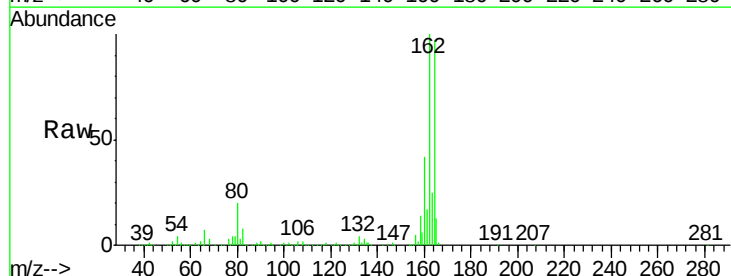
Instrument :
 BNA_G
 ClientSampleId :
 53A-9-11

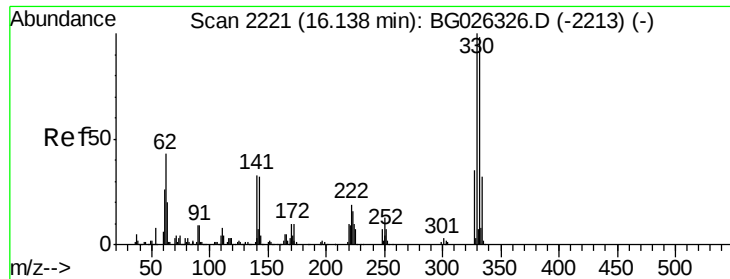
Tot Ion	82	Resp	891464
Ion Ratio	Lower	Upper	
82	100		
128	54.5	26.4	39.6#
54	41.4	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026423.D
 Acq: 24 Mar 2017 20:29

Tgt Ion	164	Resp	335447
Ion Ratio	Lower	Upper	
164	100		
162	103.1	85.1	127.7
160	43.8	34.7	52.1

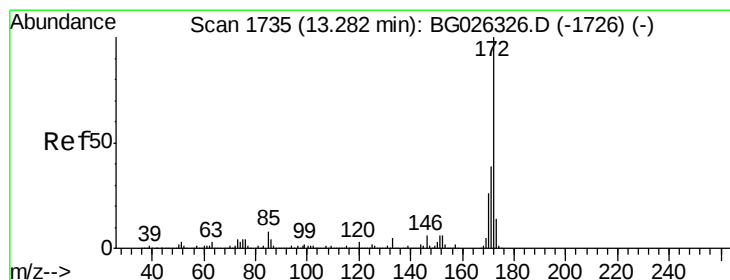
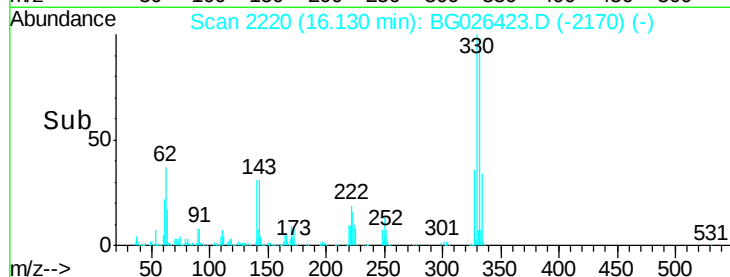
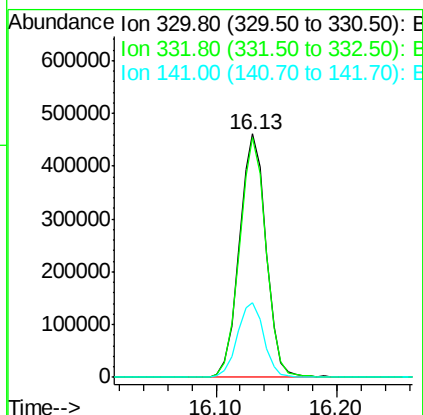
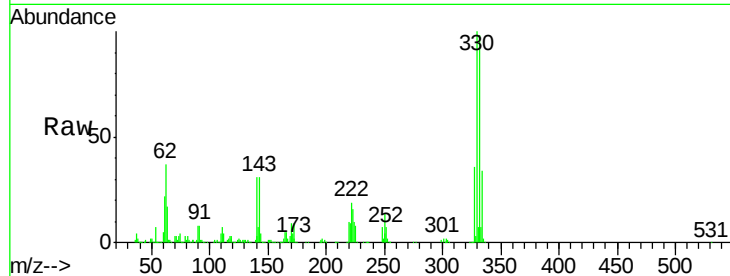




#41
2,4,6-Tribromophenol
Concen: 184.27 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

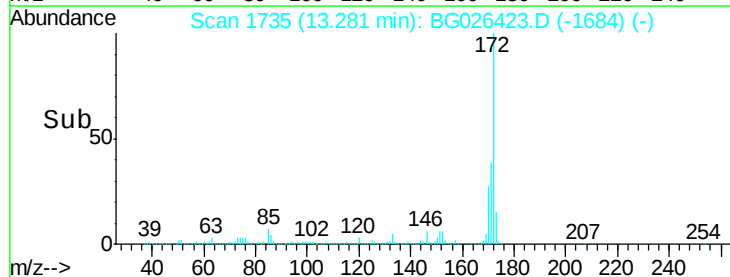
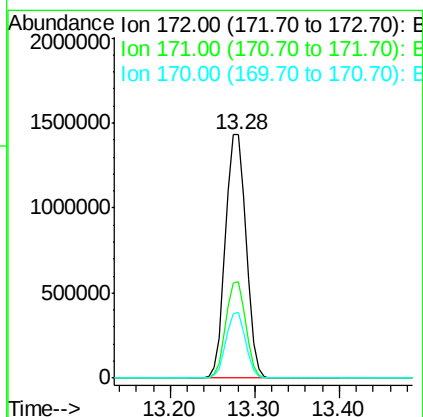
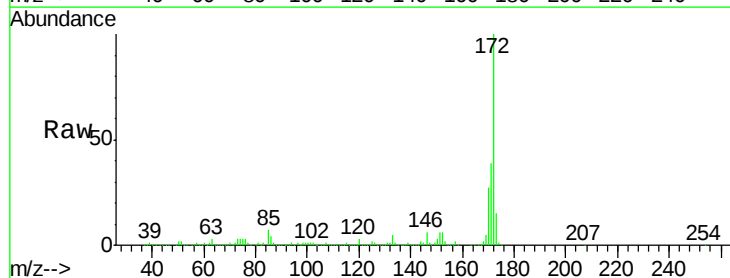
Instrument :
BNA_G
ClientSampleId :
53A-9-11

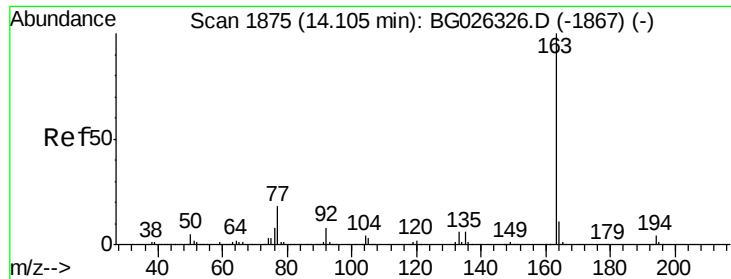
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	30.6	32.1	48.1#



#44
2-Fluorobiphenyl
Concen: 100.65 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG026423.D
Acq: 24 Mar 2017 20:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.2	48.2
170	26.8	21.8	32.6





#49

Dimethylphthalate

Concen: 24.72 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

Instrument :

BNA_G

ClientSampled :

53A-9-11

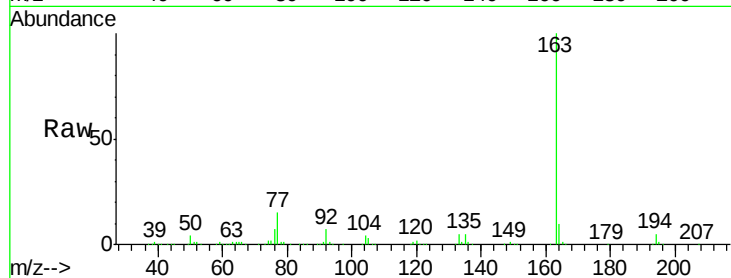
Tot Ion:163 Resp: 625889

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

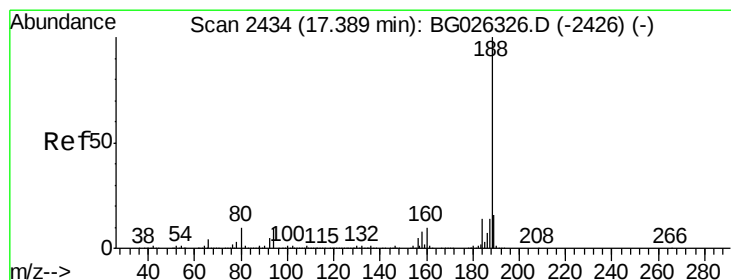
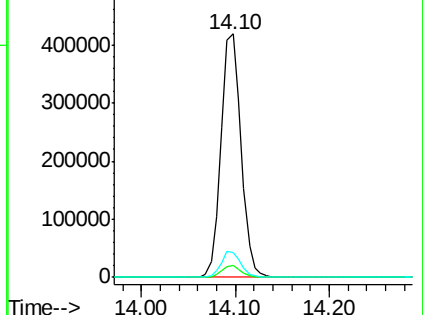
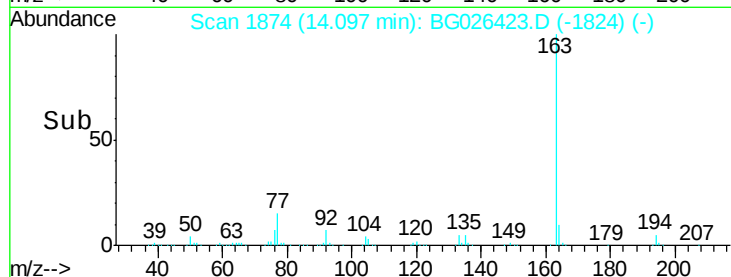
164 10.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

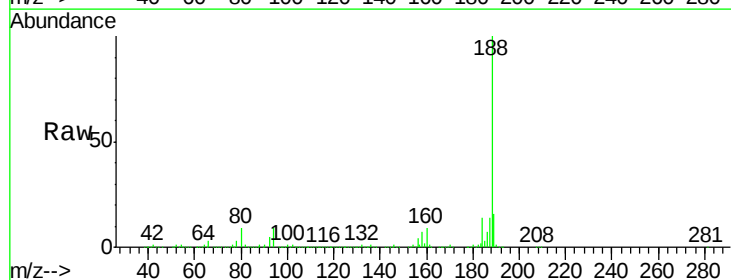
Tgt Ion:188 Resp: 815441

Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.8#

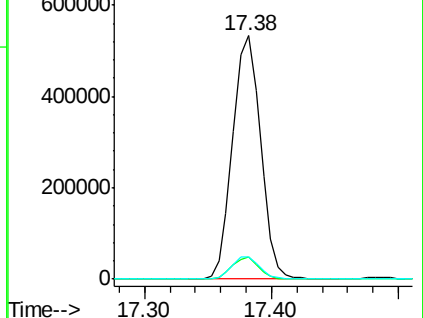
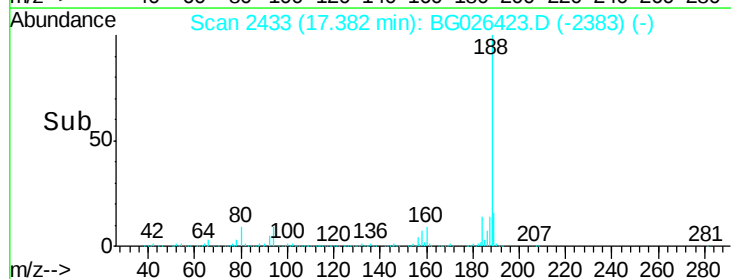
80 9.1 7.5 11.3

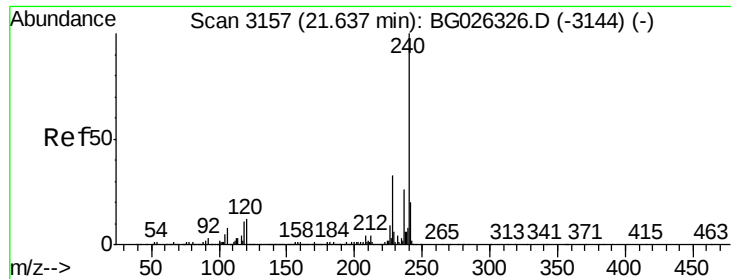


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

Instrument :

BNA_G

ClientSampleId :

53A-9-11

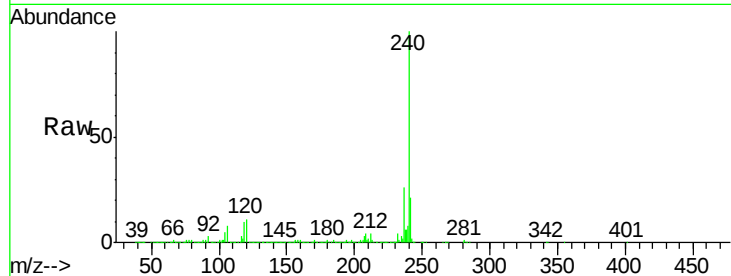
Tot Ion:240 Resp: 1019446

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

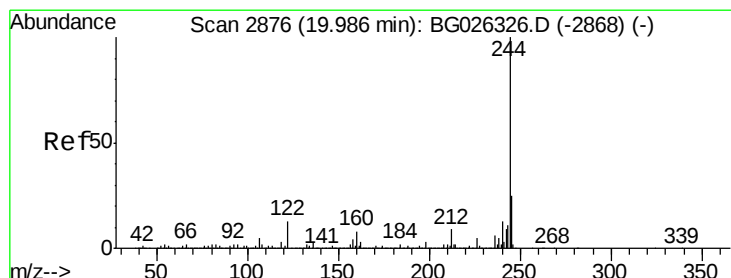
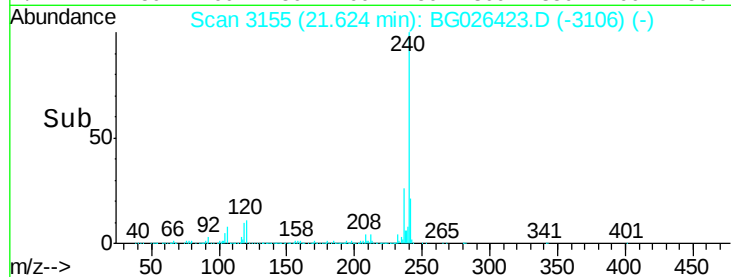
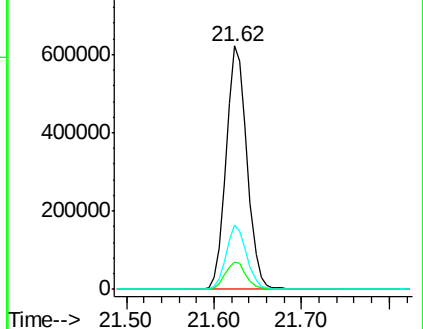
236 26.3 22.2 33.4



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: 79.60 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026423.D

Acq: 24 Mar 2017 20:29

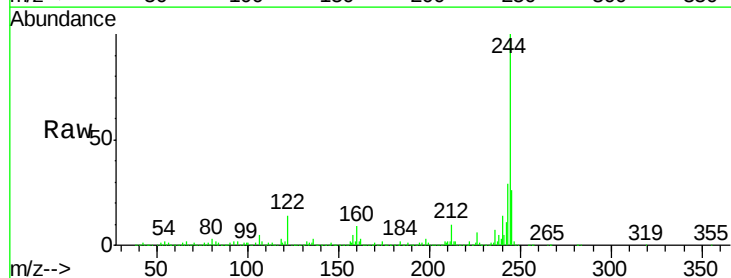
Tgt Ion:244 Resp: 3341331

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

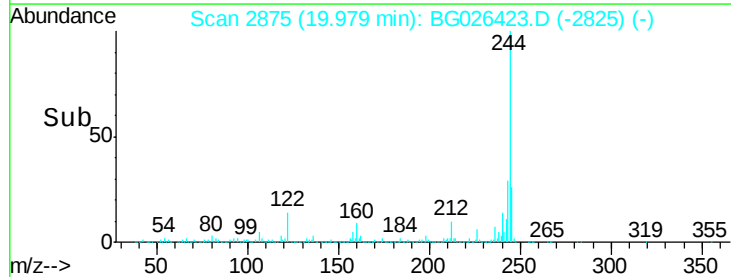
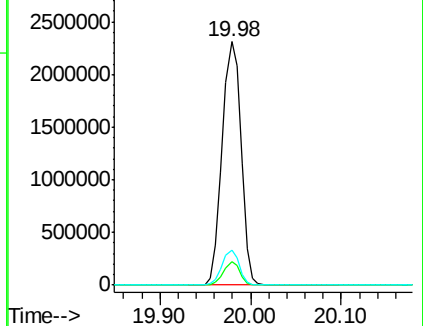
122 14.3 8.6 12.8#

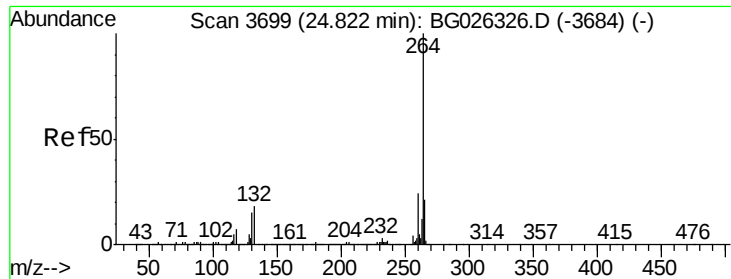


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

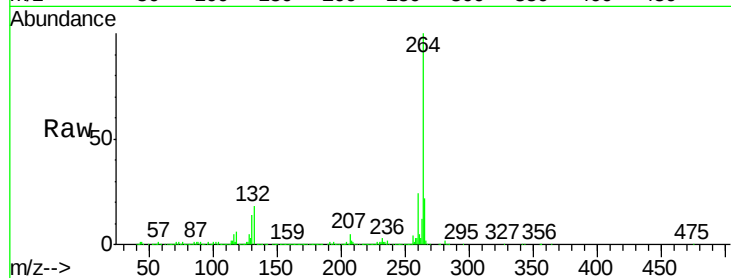




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 3696
 Delta R.T. -0.02 min
 Lab File: BG026423.D
 Acq: 24 Mar 2017 20:29

Instrument :
 BNA_G
 ClientSampleId :
 53A-9-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.4	18.2	27.4



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

