

Data Path : Z:\HPCHEM1\BNA G\Data\BG032217\
 Data File : BG026374.D
 Acq On : 22 Mar 2017 12:40
 Operator : SJ/MA
 Sample : I2332-03
 Misc : L00 20 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-01-002-B

Quant Time: Mar 22 19:15:41 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

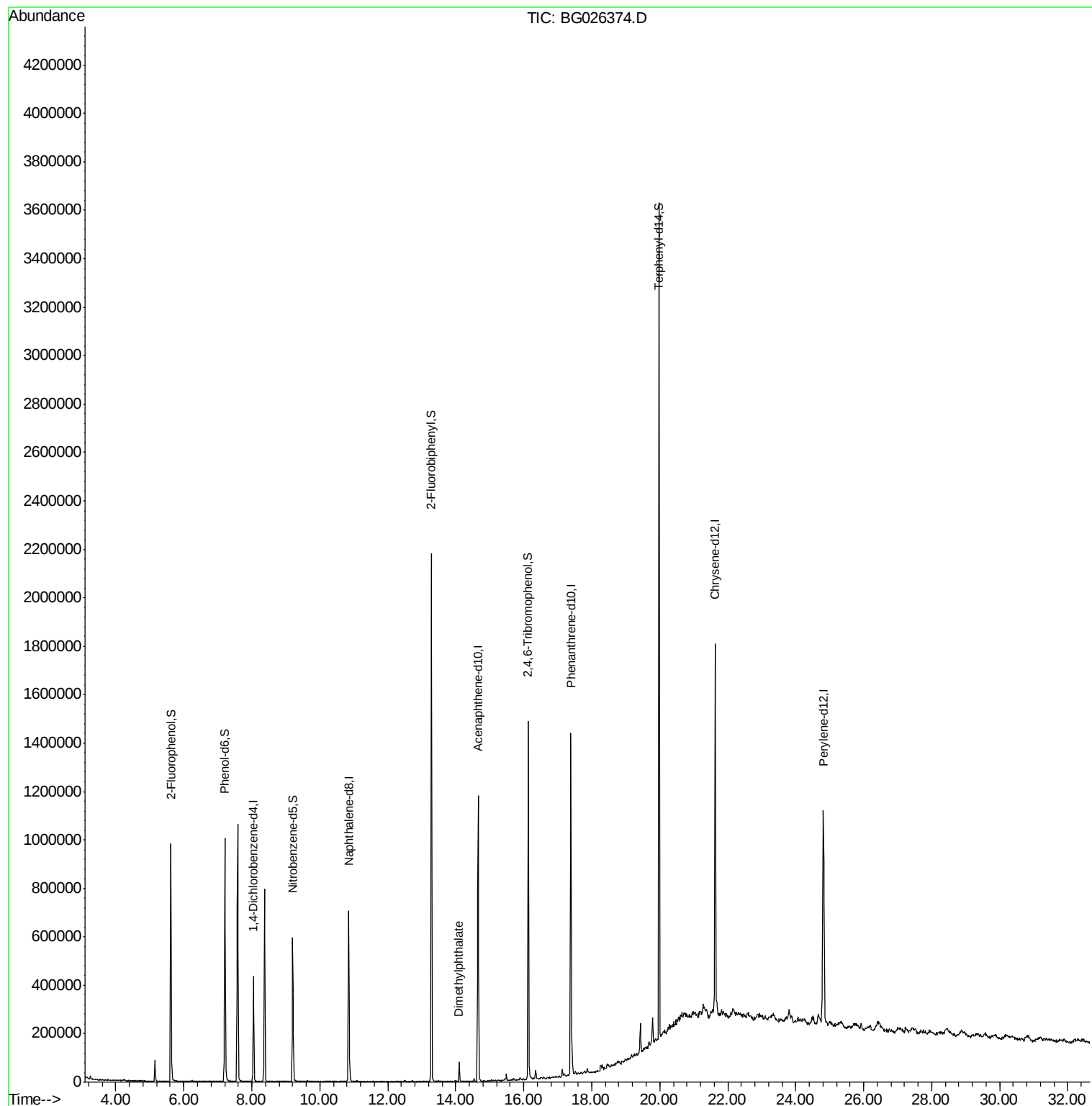
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	139745	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	669277	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	420104	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	929590	20.00	ng	0.00
75) Chrysene-d12	21.63	240	964756	20.00	ng	0.00
86) Perylene-d12	24.81	264	946093	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	516926	65.65	ng	0.00
7) Phenol-d6	7.21	99	732288	69.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	391562	35.18	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	315761	65.63	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1208831	40.35	ng	0.00
78) Terphenyl-d14	19.98	244	1506785	37.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.10	163	63878	2.01	ng	Qvalue # 95

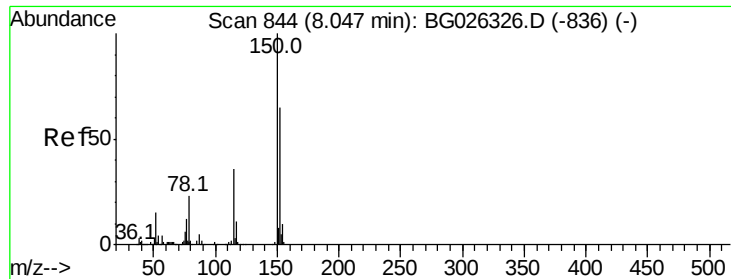
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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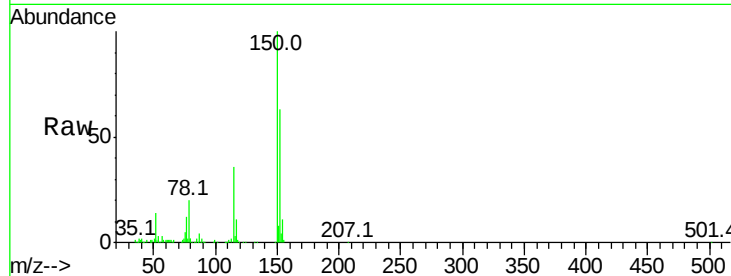


#1

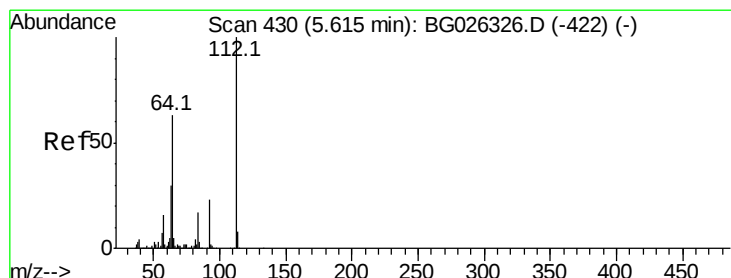
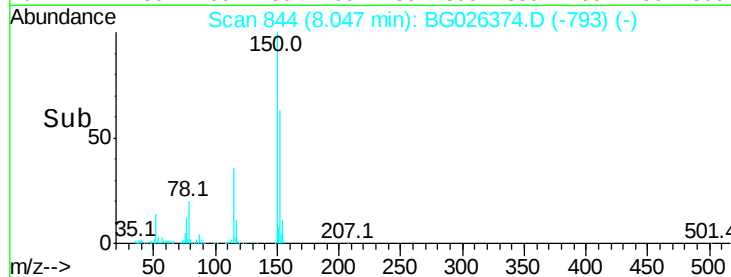
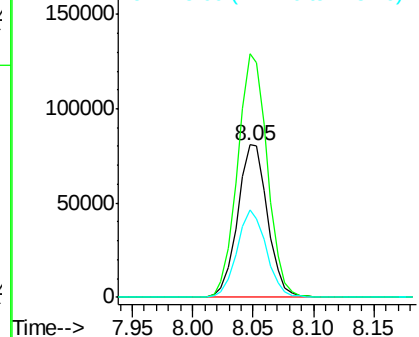
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026374.D
Acq: 22 Mar 2017 12:40

Instrument :
BNA_G
ClientSampleId :
FK-SF-01-002-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	114.0	171.0
115	57.5	48.1	72.1



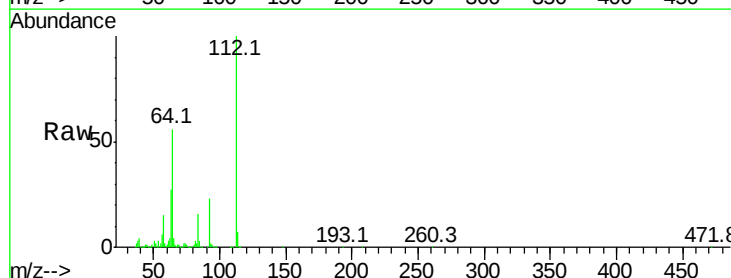
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



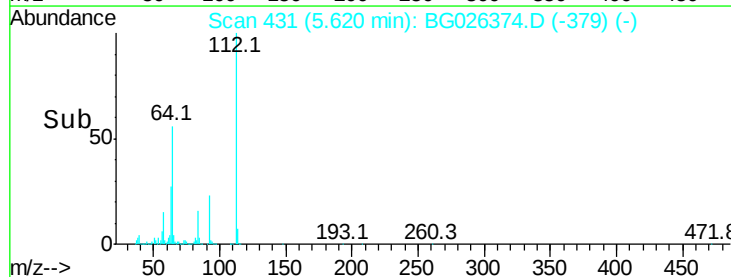
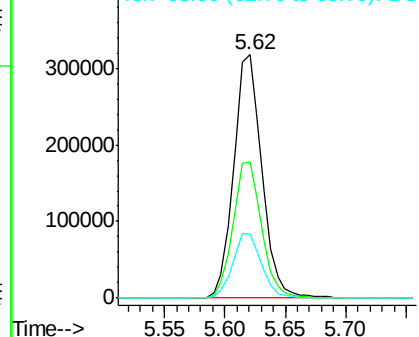
#5

2-Fluorophenol
Concen: 65.65 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG026374.D
Acq: 22 Mar 2017 12:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	61.8	92.6#
63	26.7	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: 69.28 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026374.D

Acq: 22 Mar 2017 12:40

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-002-B

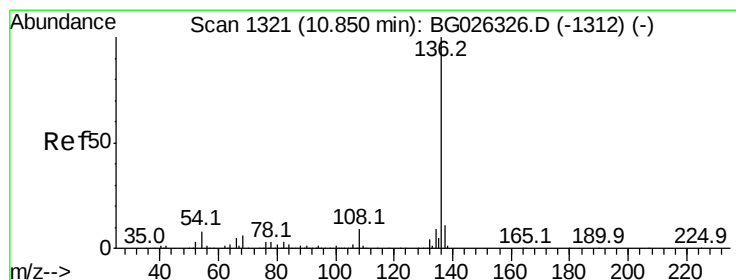
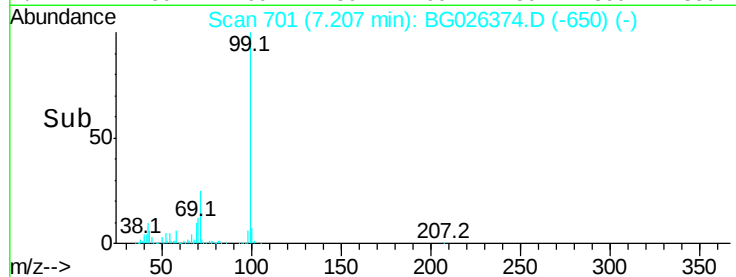
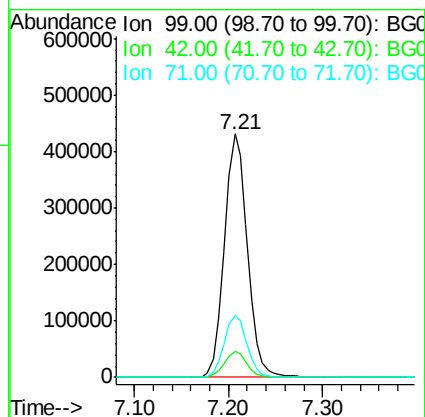
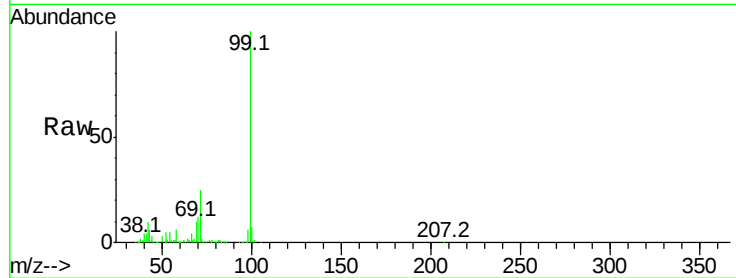
Tot Ion: 99 Resp: 732288

Ion Ratio Lower Upper

99 100

42 10.5 20.5 30.7#

71 25.4 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG026374.D

Acq: 22 Mar 2017 12:40

Tgt Ion: 136 Resp: 669277

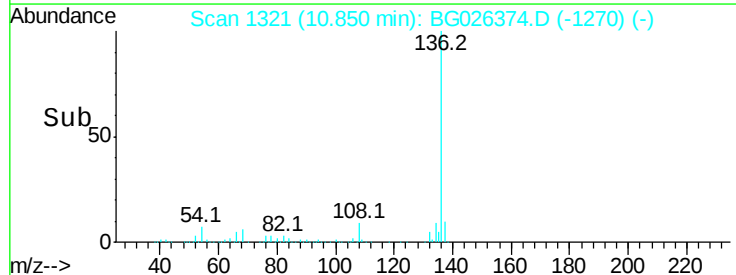
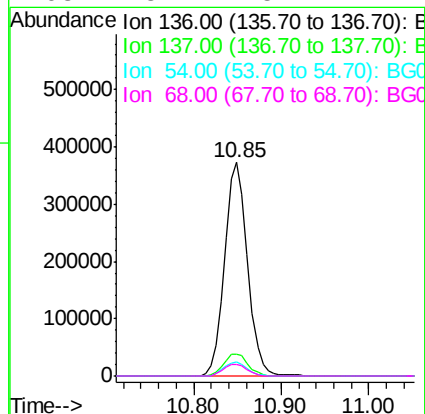
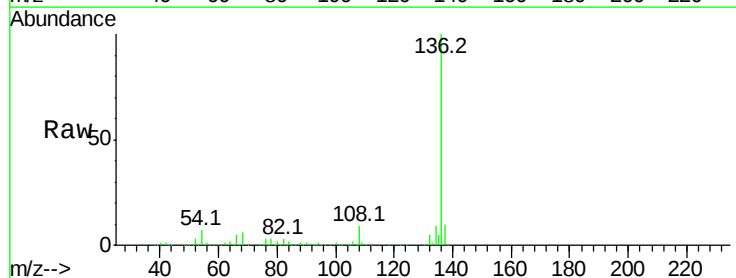
Ion Ratio Lower Upper

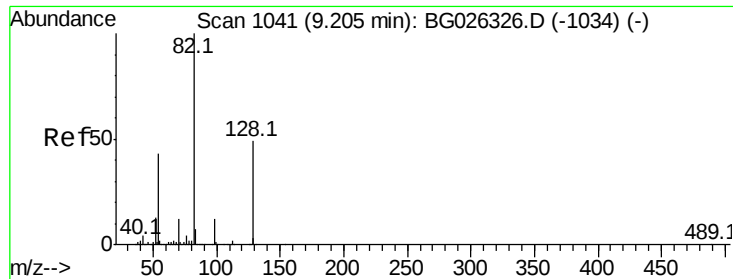
136 100

137 10.2 8.9 13.3

54 6.8 9.3 13.9#

68 5.7 5.1 7.7

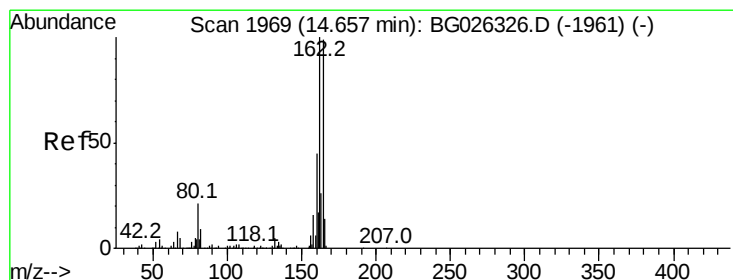
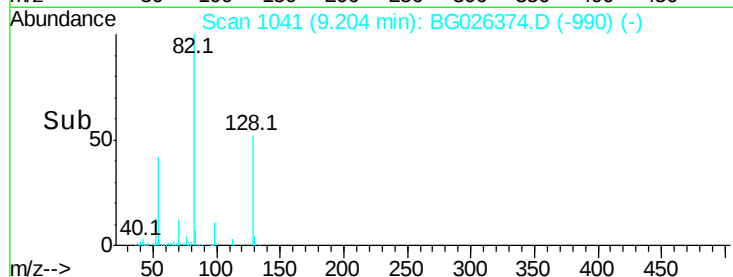
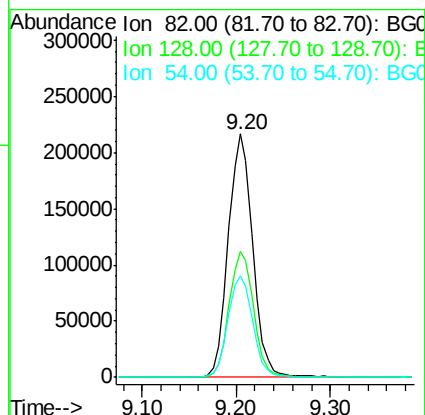
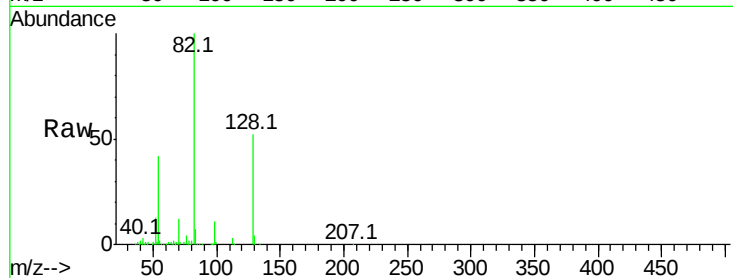




#23
Nitrobenzene-d5
Concen: 35.18 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG026374.D
Acq: 22 Mar 2017 12:40

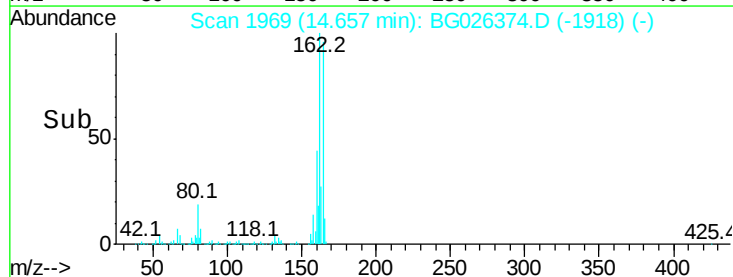
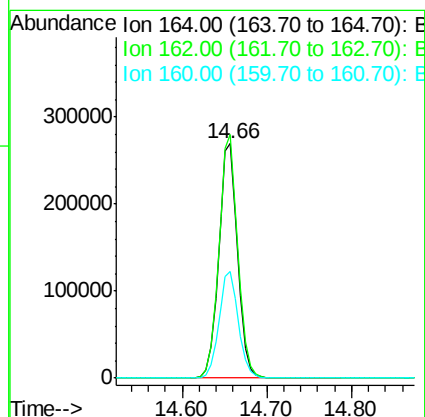
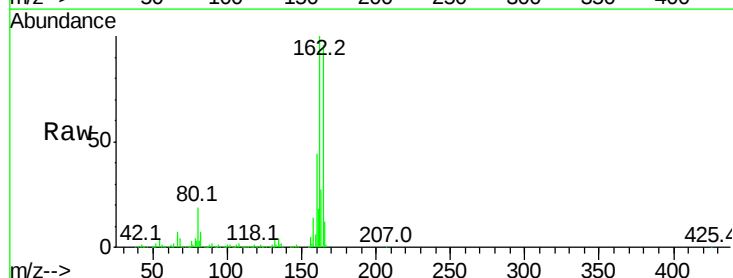
Instrument :
BNA_G
ClientSampleId :
FK-SF-01-002-B

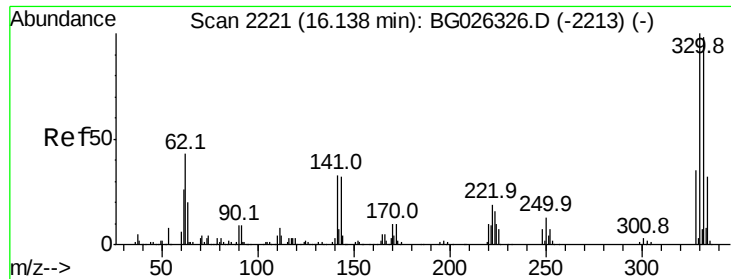
Tot Ion	82	Resp	391562
Ion	Ratio	Lower	Upper
82	100		
128	51.8	26.4	39.6#
54	41.8	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG026374.D
Acq: 22 Mar 2017 12:40

Tgt Ion	164	Resp	420104
Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	45.7	34.7	52.1

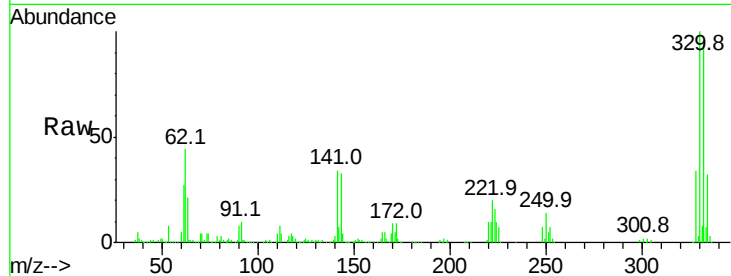




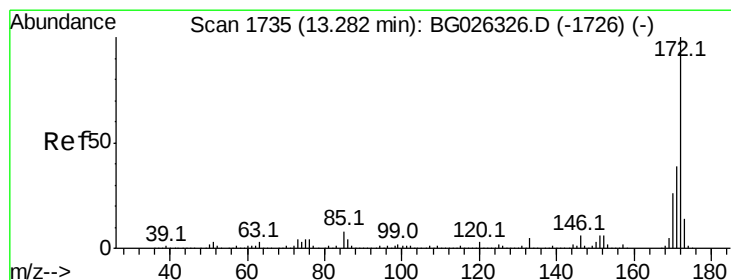
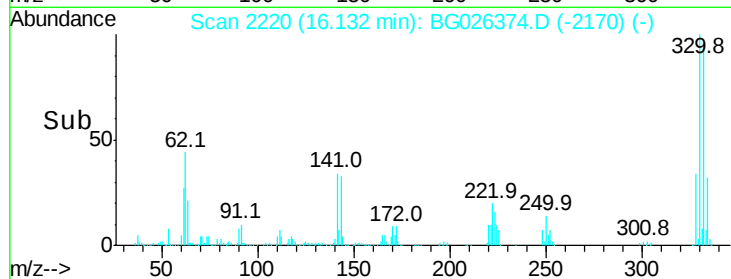
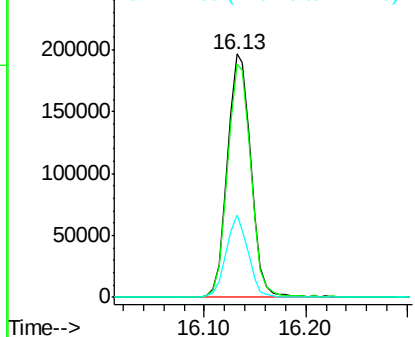
#41
 2,4,6-Tribromophenol
 Concen: 65.63 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026374.D
 Acq: 22 Mar 2017 12:40

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-01-002-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	31.7	32.1	48.1#

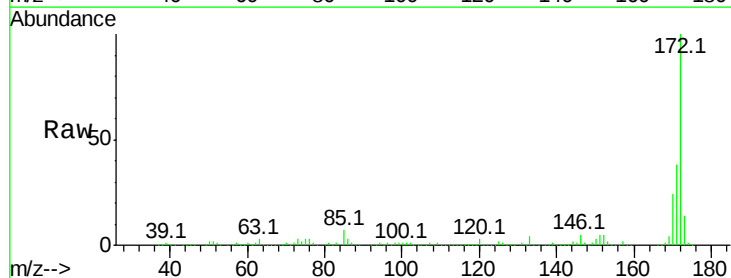


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

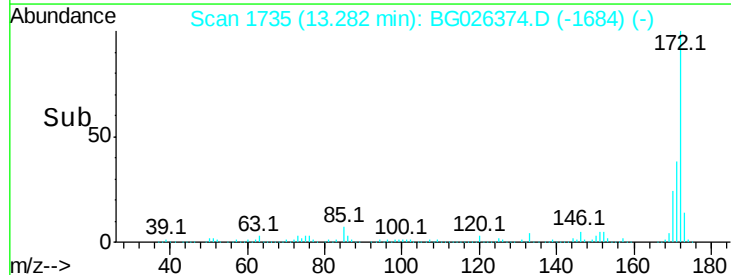
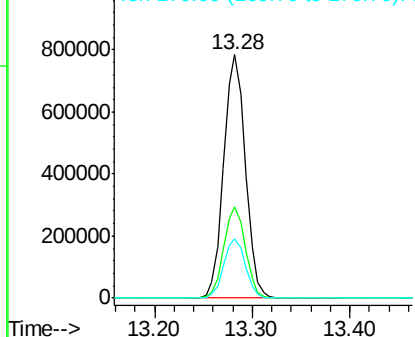


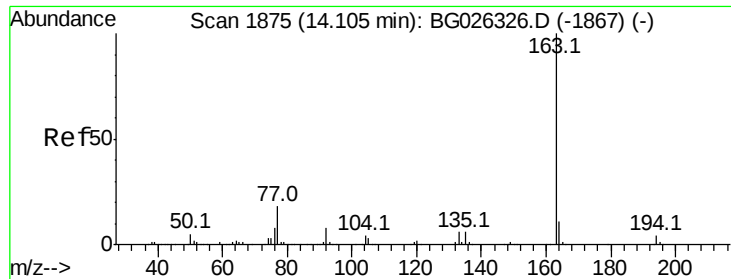
#44
 2-Fluorobiphenyl
 Concen: 40.35 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG026374.D
 Acq: 22 Mar 2017 12:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.5	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





#49

Dimethylphthalate

Concen: 2.01 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG026374.D

Acq: 22 Mar 2017 12:40

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-002-B

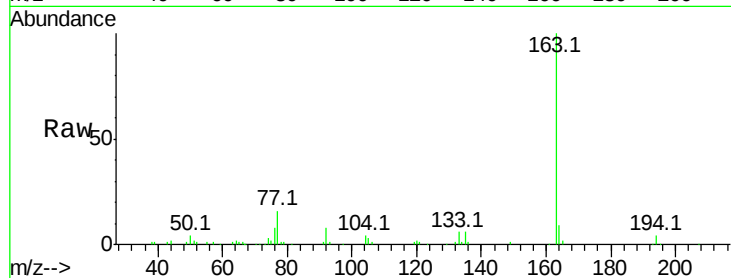
Tot Ion:163 Resp: 63878

Ion Ratio Lower Upper

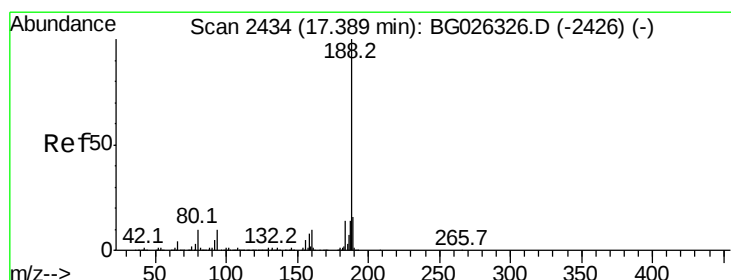
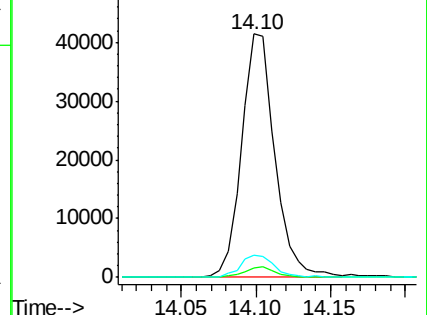
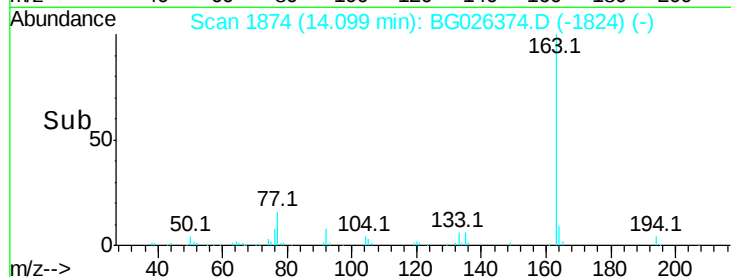
163 100

194 3.9 3.8 5.6

164 9.1 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: BG026374.D

Acq: 22 Mar 2017 12:40

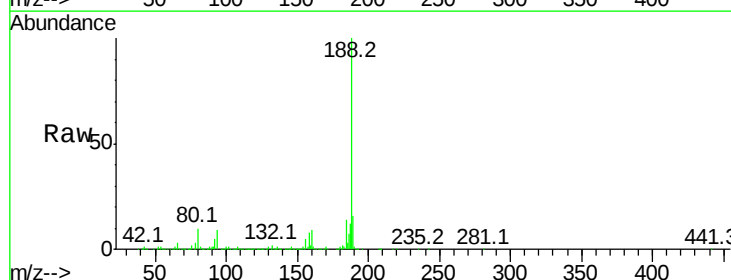
Tgt Ion:188 Resp: 929590

Ion Ratio Lower Upper

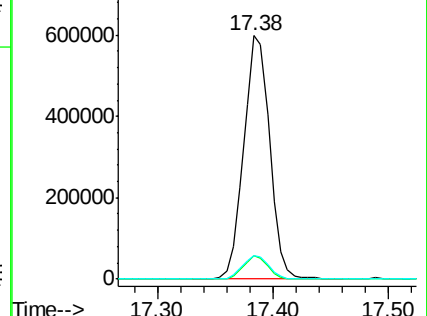
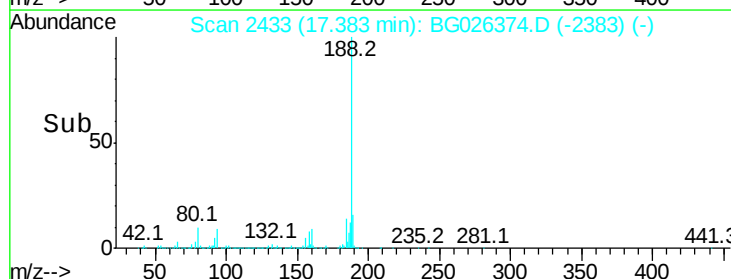
188 100

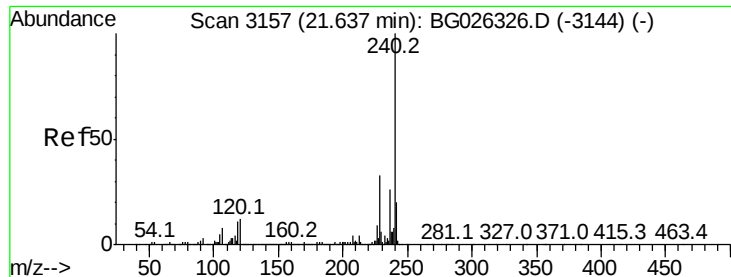
94 9.4 5.8 8.8#

80 9.8 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

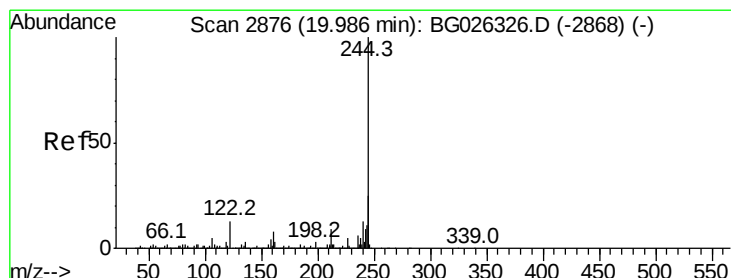
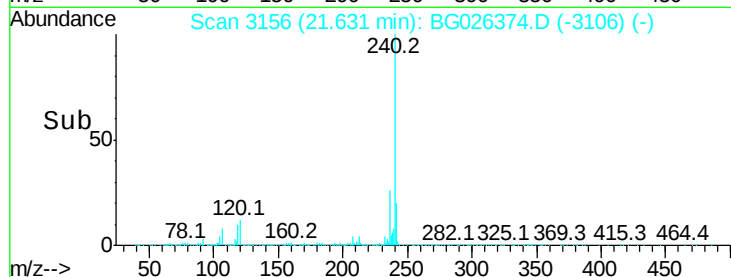
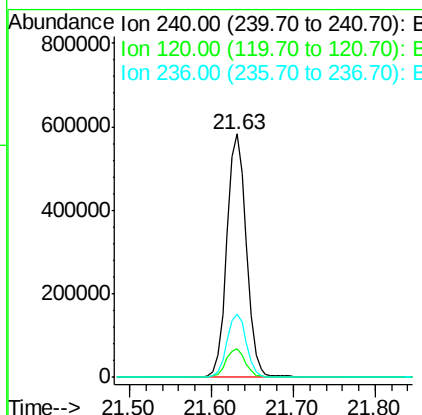
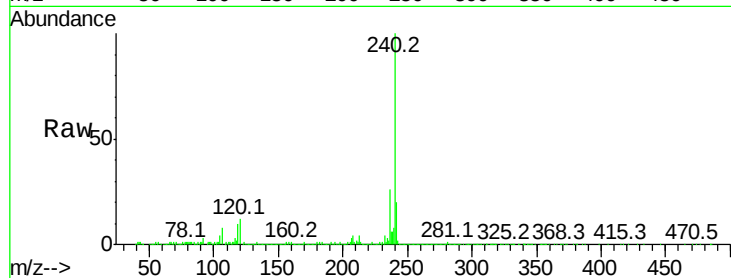




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG026374.D
 Acq: 22 Mar 2017 12:40

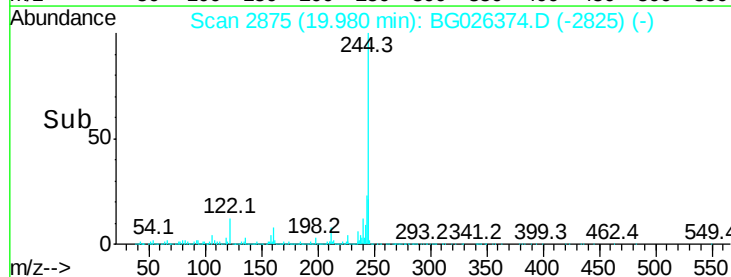
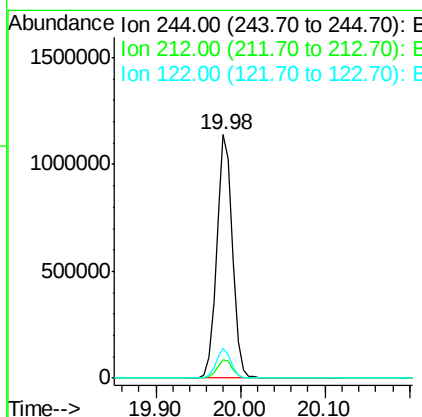
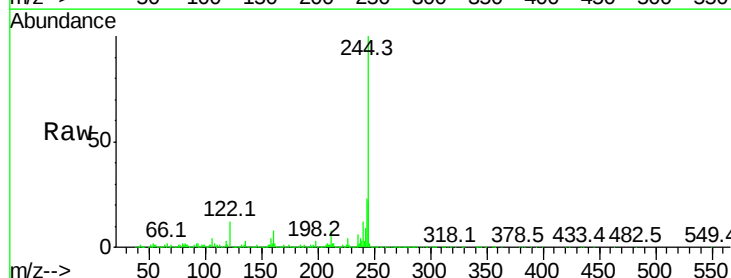
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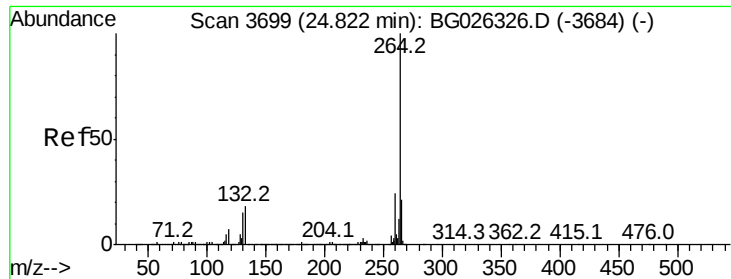
Tot Ion:240 Resp: 964756
 Ion Ratio Lower Upper
 240 100
 120 11.7 5.7 8.5#
 236 26.1 22.2 33.4



#78
 Terphenyl-d14
 Concen: 37.93 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.01 min
 Lab File: BG026374.D
 Acq: 22 Mar 2017 12:40

Tgt Ion:244 Resp: 1506785
 Ion Ratio Lower Upper
 244 100
 212 7.7 10.0 15.0#
 122 12.2 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG026374.D
Acq: 22 Mar 2017 12:40

Instrument :
BNA_G
ClientSampleId :
FK-SF-01-002-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.0	18.2	27.4

