

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026674.D
 Acq On : 20 Apr 2017 3:28
 Operator : SJ/MA
 Sample : I2751-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-209-COMP

Quant Time: Apr 20 07:17:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	156738	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	671561	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	416874	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1123534	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1205792	20.00	ng	-0.02
86) Perylene-d12	24.79	264	965850	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1293462	150.02	ng	0.00
7) Phenol-d6	7.22	99	1615455	142.99	ng	0.02
23) Nitrobenzene-d5	9.19	82	955505	99.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	874205	150.50	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2595374	92.72	ng	-0.02
78) Terphenyl-d14	19.97	244	3759355	92.04	ng	-0.02

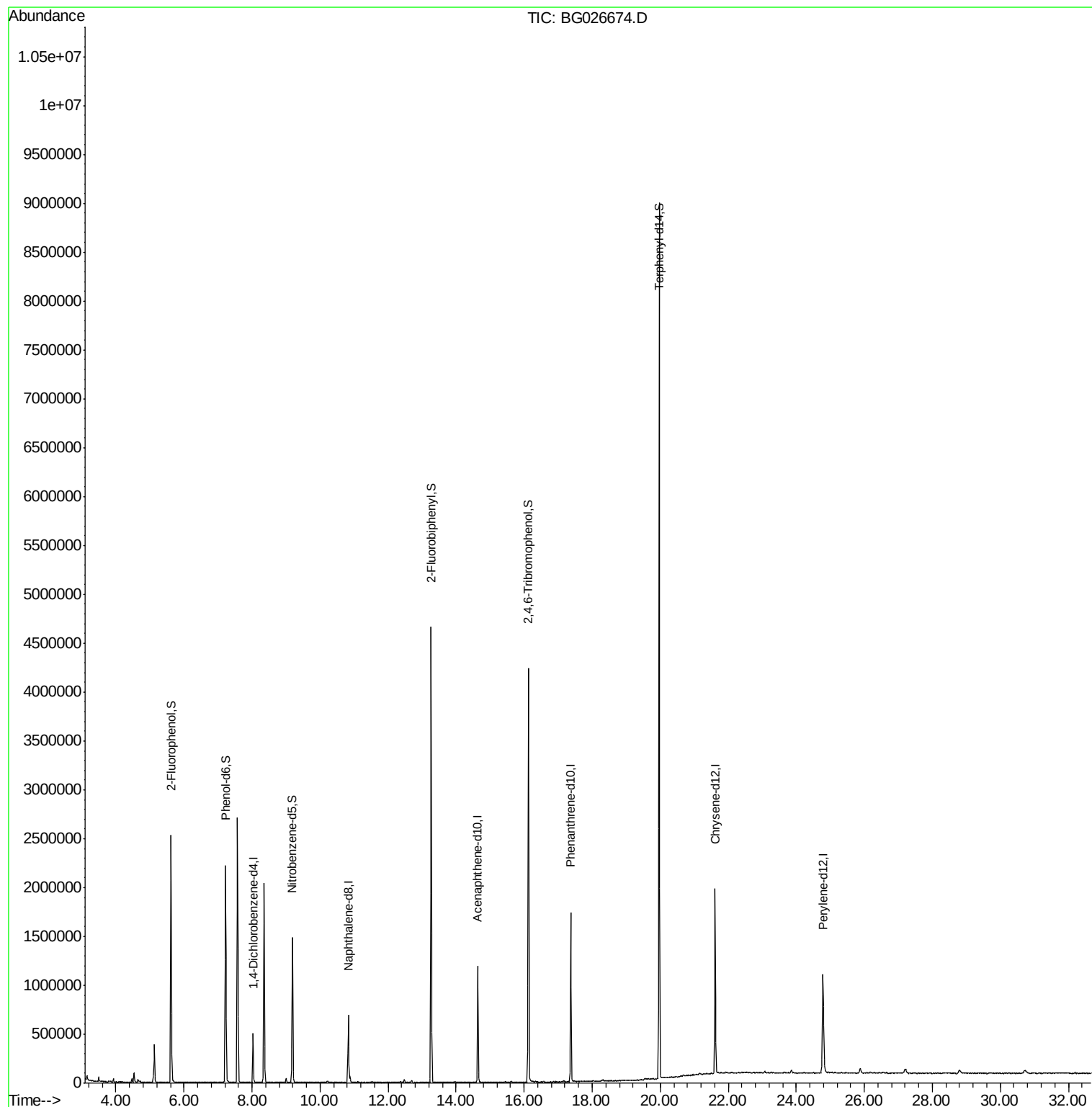
Target Compounds Qvalue

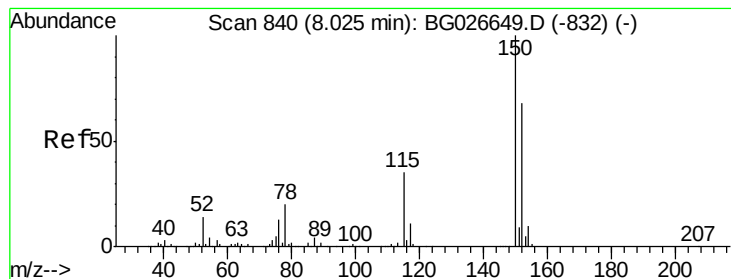
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG026674.D

Acq: 20 Apr 2017 3:28

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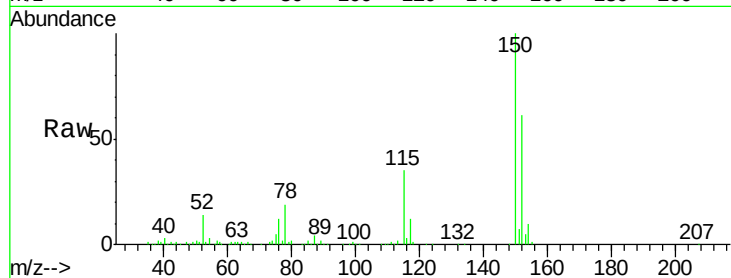
Tot Ion:152 Resp: 156738

Ion Ratio Lower Upper

152 100

150 163.3 114.0 171.0

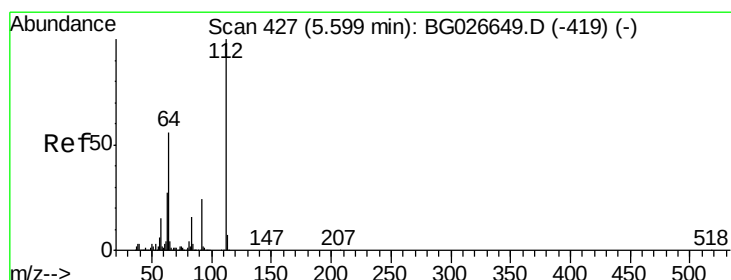
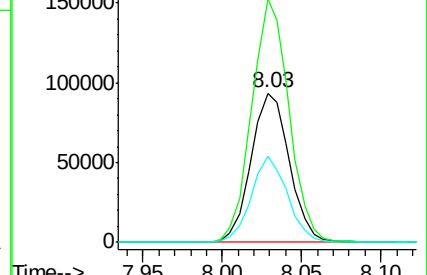
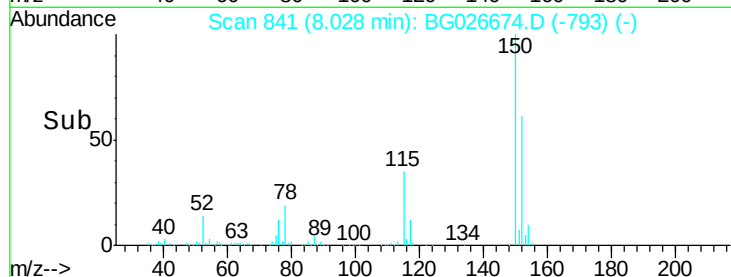
115 57.7 48.1 72.1



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: 150.02 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026674.D

Acq: 20 Apr 2017 3:28

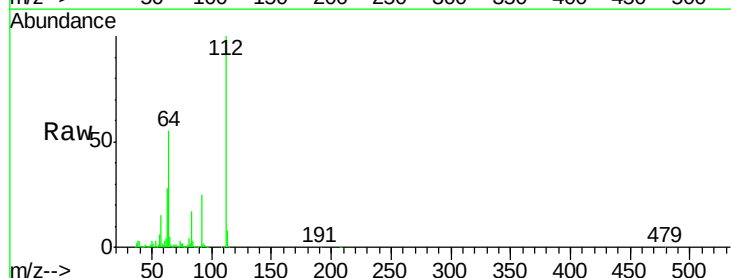
Tgt Ion:112 Resp: 1293462

Ion Ratio Lower Upper

112 100

64 55.2 61.8 92.6#

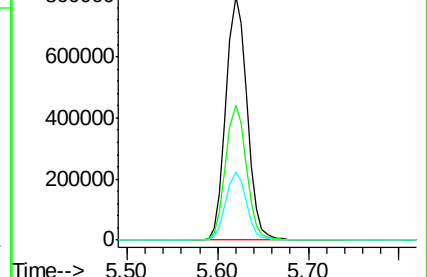
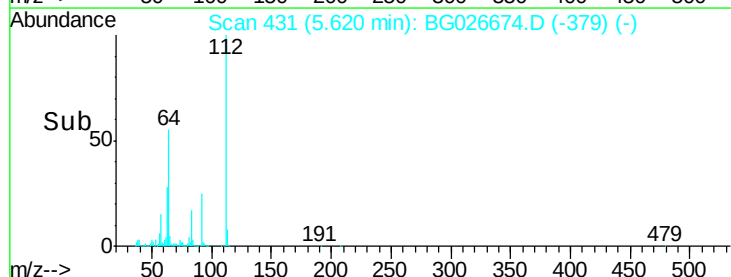
63 27.8 37.2 55.8#

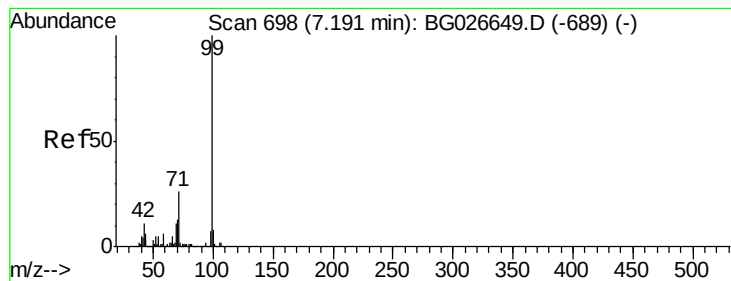


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.99 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG026674.D

Acq: 20 Apr 2017 3:28

Instrument :

BNA_G

ClientSampleId :

VNJ-209-COMP

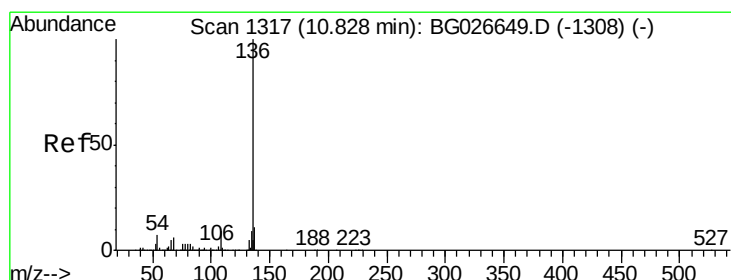
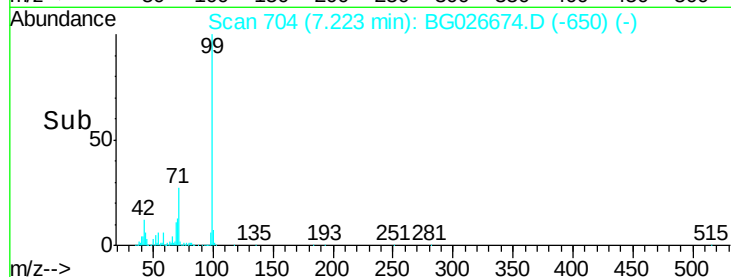
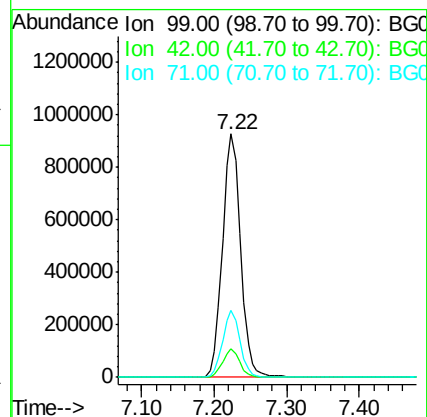
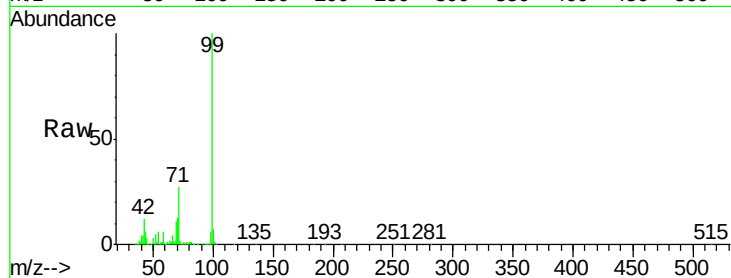
Tot Ion: 99 Resp: 1615455

Ion Ratio Lower Upper

99 100

42 11.6 20.5 30.7#

71 27.3 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026674.D

Acq: 20 Apr 2017 3:28

Tgt Ion: 136 Resp: 671561

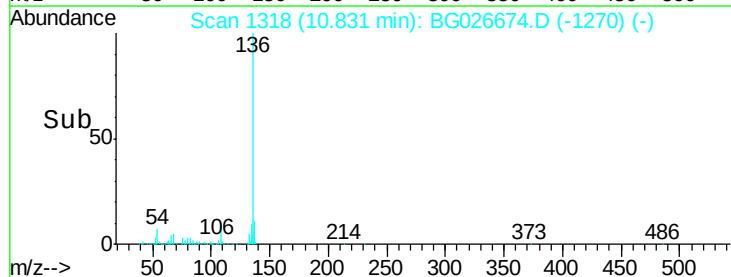
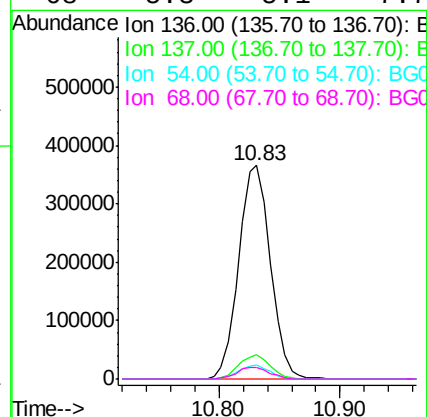
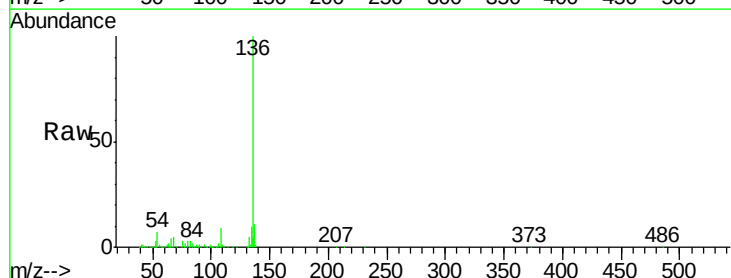
Ion Ratio Lower Upper

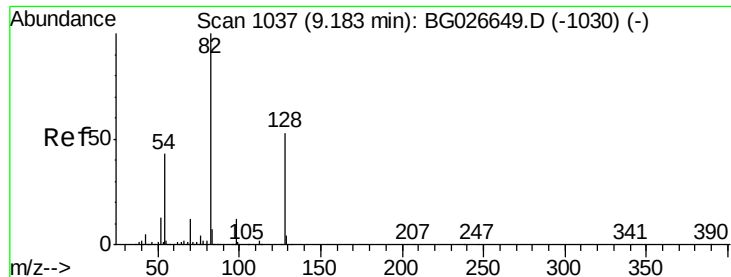
136 100

137 11.2 8.9 13.3

54 6.6 9.3 13.9#

68 5.3 5.1 7.7

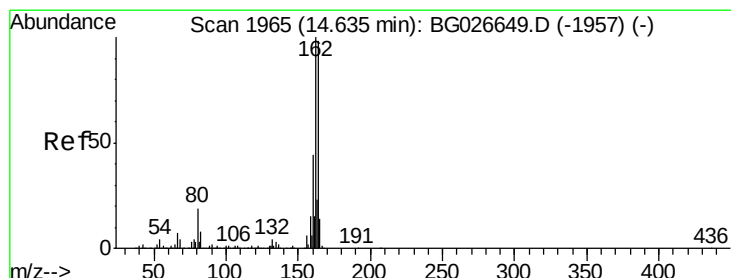
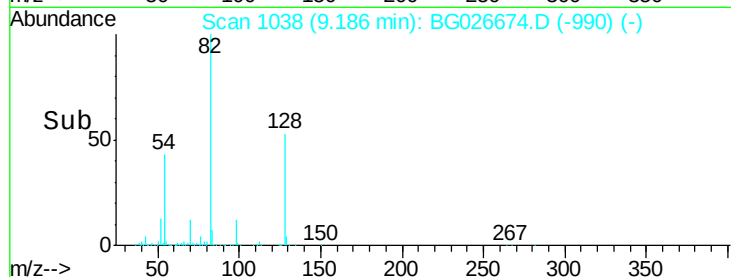
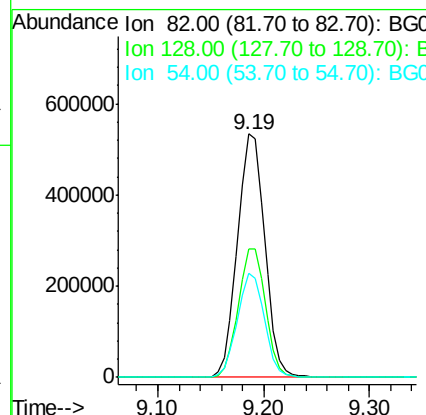
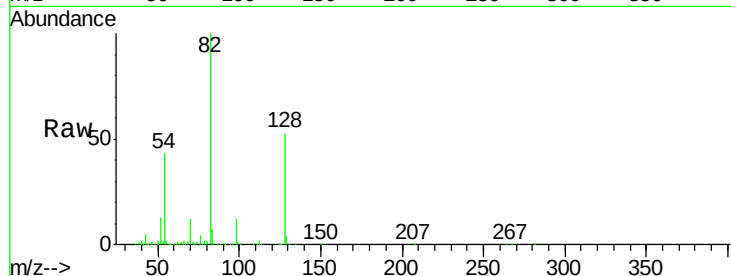




#23
Nitrobenzene-d5
Concen: 99.28 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026674.D
Acq: 20 Apr 2017 3:28

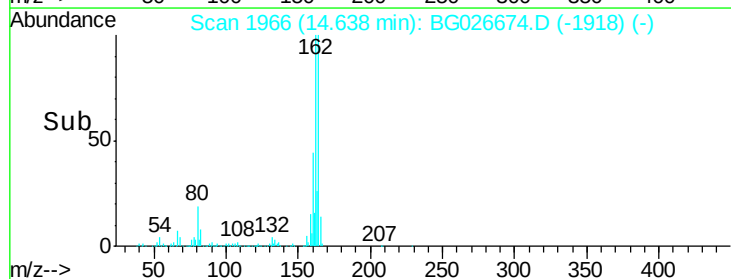
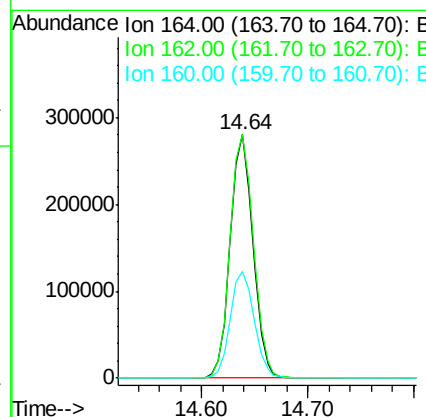
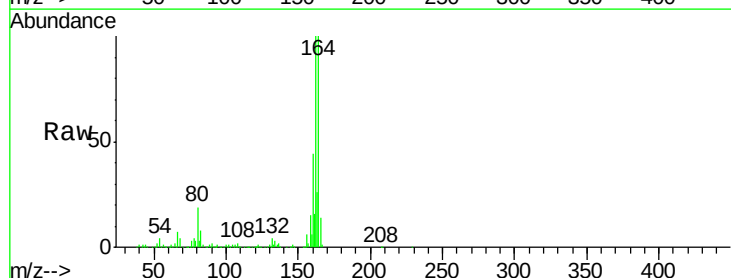
Instrument :
BNA_G
ClientSampleId :
VNJ-209-COMP

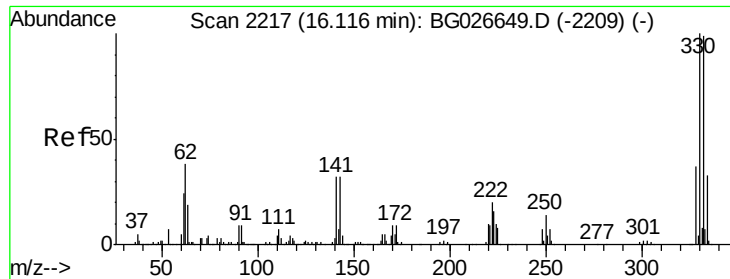
Tot Ion	82	Resp	955505
Ion Ratio	Lower	Upper	
82	100		
128	52.7	26.4	39.6#
54	43.0	49.4	74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026674.D
Acq: 20 Apr 2017 3:28

Tgt Ion	164	Resp	416874
Ion Ratio	Lower	Upper	
164	100		
162	100.0	85.1	127.7
160	43.8	34.7	52.1

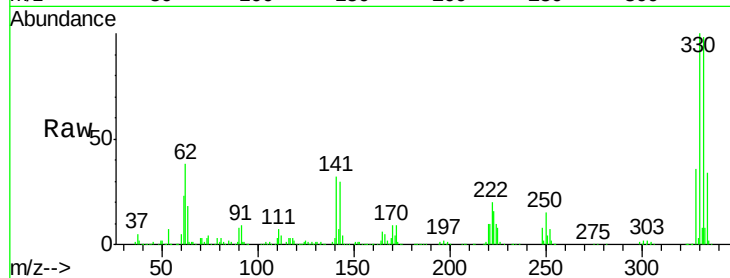




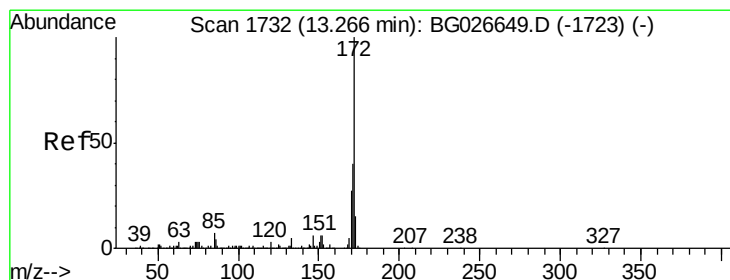
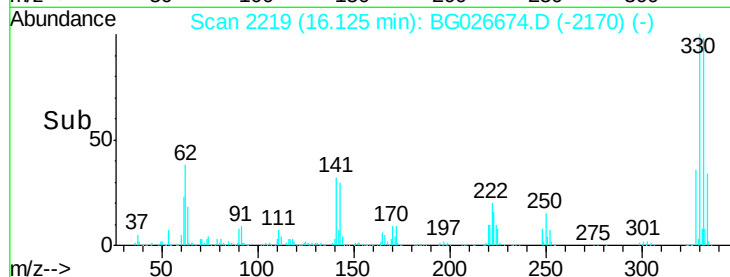
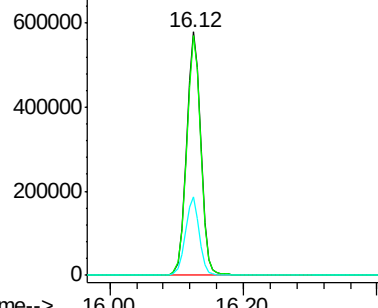
#41
 2,4,6-Tribromophenol
 Concen: 150.50 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026674.D
 Acq: 20 Apr 2017 3:28

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-209-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	31.2	32.1	48.1#

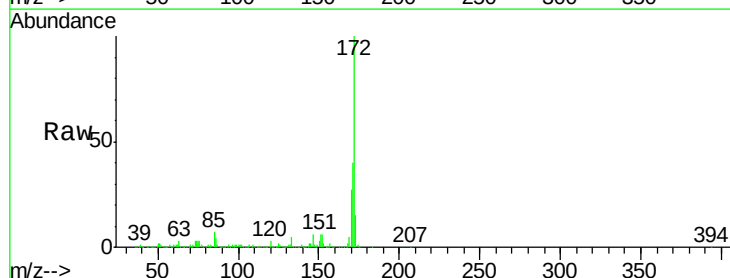


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

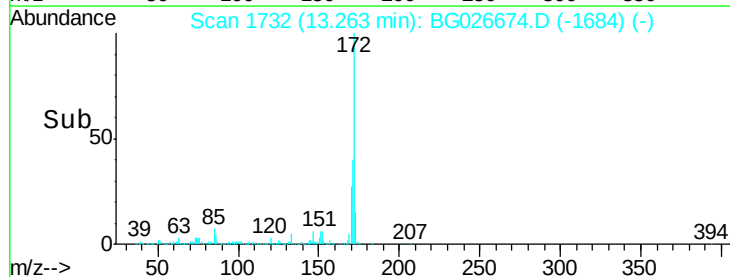
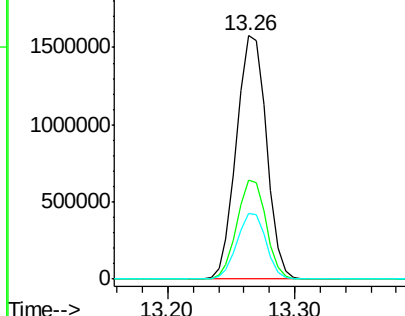


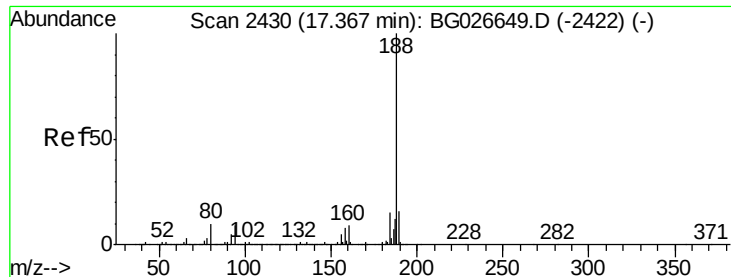
#44
 2-Fluorobiphenyl
 Concen: 92.72 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026674.D
 Acq: 20 Apr 2017 3:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.2	48.2
170	26.9	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

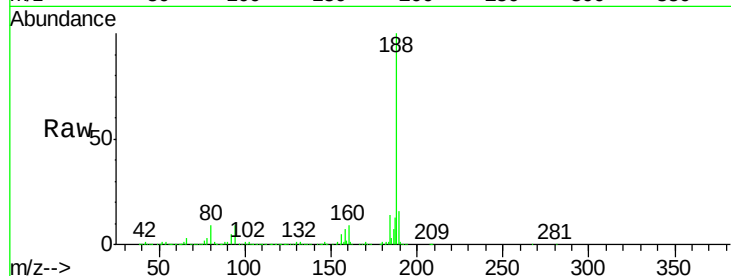




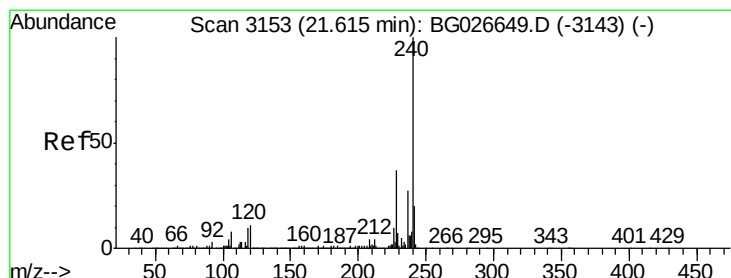
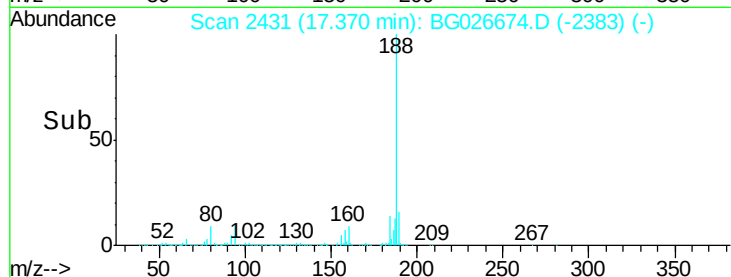
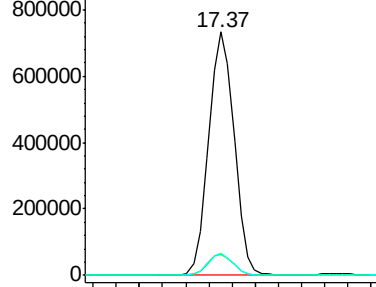
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026674.D
Acq: 20 Apr 2017 3:28

Instrument :
BNA_G
ClientSampleId :
VNJ-209-COMP

Tot Ion:188 Resp: 1123534
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.8
80 9.1 7.5 11.3

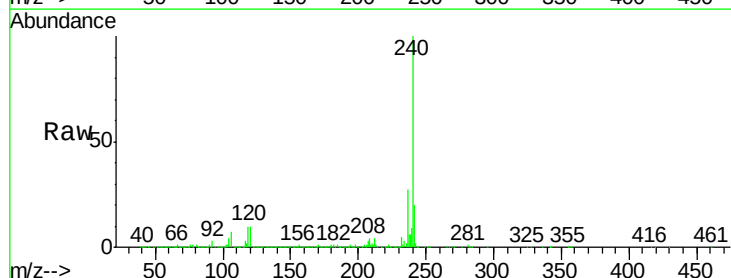


Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

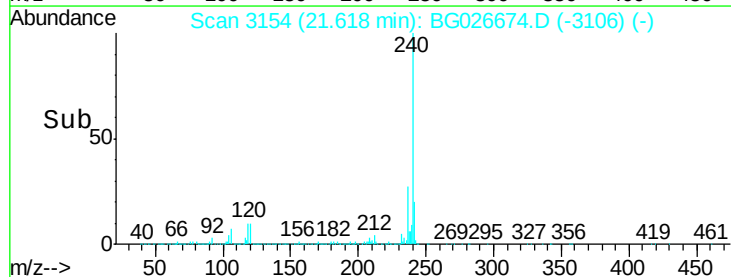
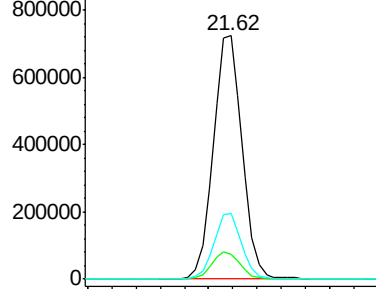


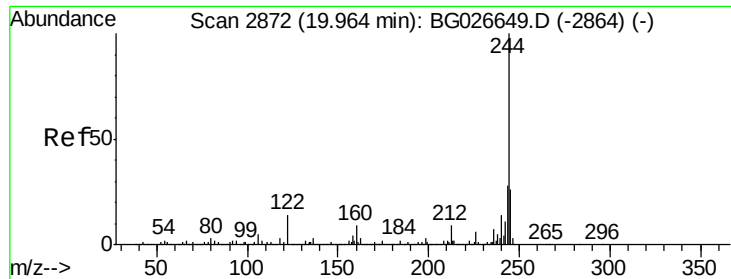
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG026674.D
Acq: 20 Apr 2017 3:28

Tgt Ion:240 Resp: 1205792
Ion Ratio Lower Upper
240 100
120 10.4 5.7 8.5#
236 26.8 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E
1000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.04 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026674.D

Acq: 20 Apr 2017 3:28

Instrument :

BNA_G

ClientSampleId :

VNJ-209-COMP

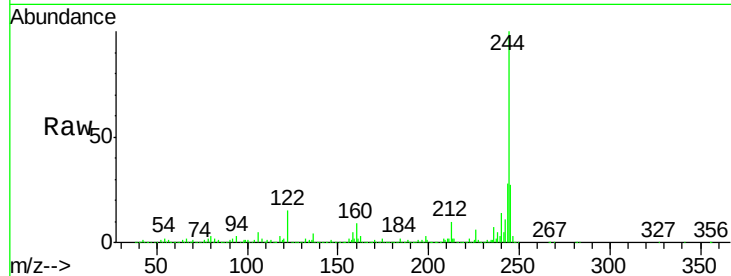
Tot Ion:244 Resp: 3759355

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

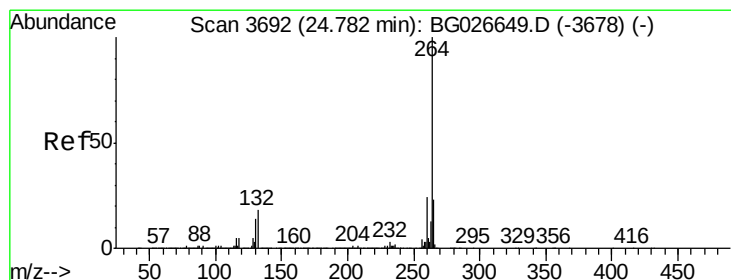
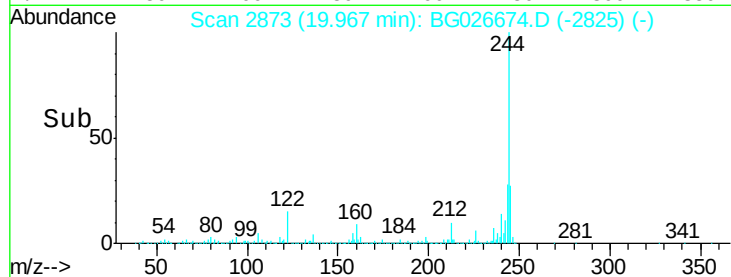
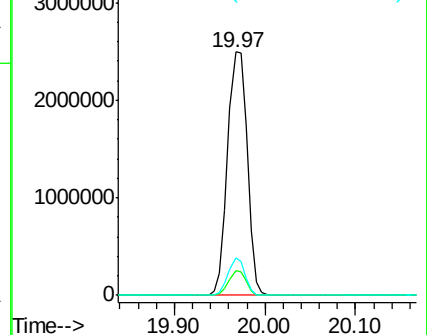
122 15.3 8.6 12.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.04 min

Lab File: BG026674.D

Acq: 20 Apr 2017 3:28

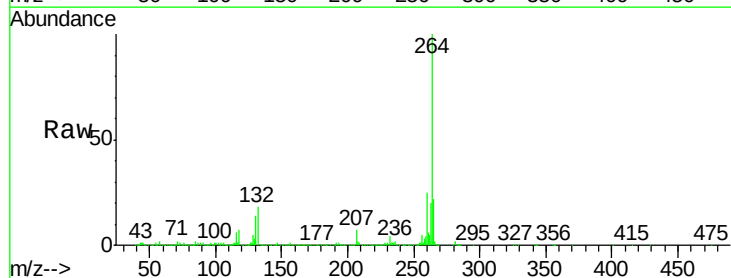
Tgt Ion:264 Resp: 965850

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 21.8 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

