

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
 Data File : BG028774.D
 Acq On : 15 Sep 2017 19:20
 Operator : SJ/JU
 Sample : I5167-05RX
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 16 04:54:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

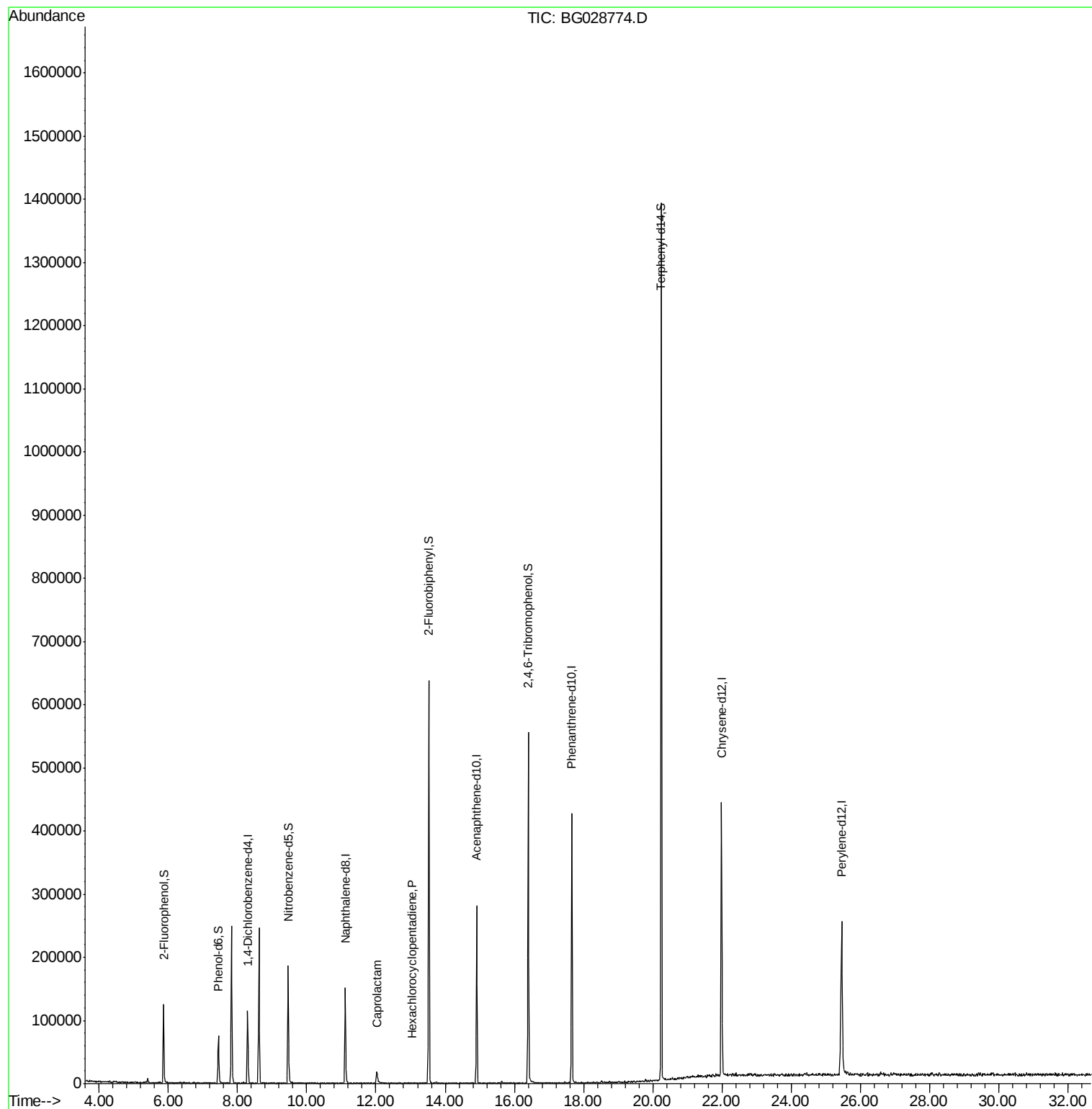
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	31318	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	134529	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	105272	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	280064	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	309589	20.00	ng	-0.05
86) Perylene-d12	25.46	264	320779	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	57275	30.18	ng	-0.04
7) Phenol-d6	7.45	99	47468	16.61	ng	-0.04
23) Nitrobenzene-d5	9.46	82	125421	44.60	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	123398	70.87	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	355354	45.01	ng	-0.04
78) Terphenyl-d14	20.24	244	655213	45.13	ng	-0.04
Target Compounds						
35) Caprolactam	12.03	113	4606	5.329	ng	# 72
40) Hexachlorocyclopentadiene	13.05	237	77	7.644	ng	# 29

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

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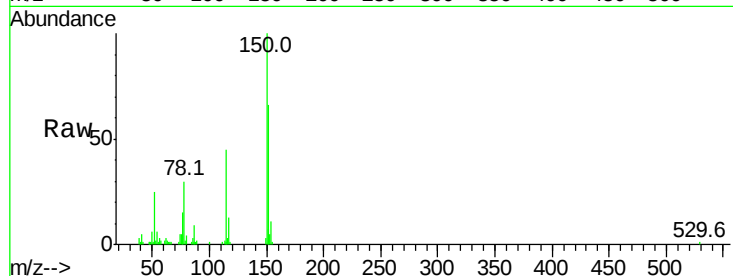


#1

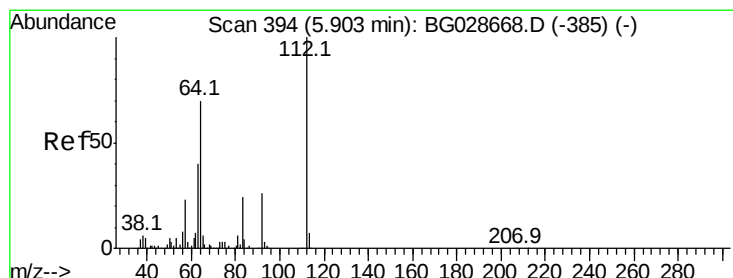
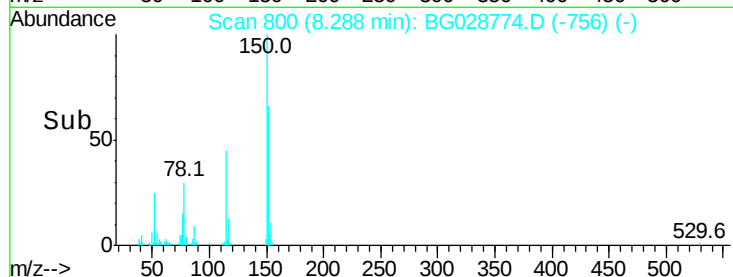
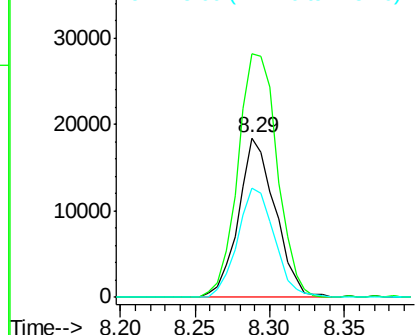
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31318
Ion Ratio Lower Upper
152 100
150 152.6 114.0 171.0
115 68.3 48.1 72.1



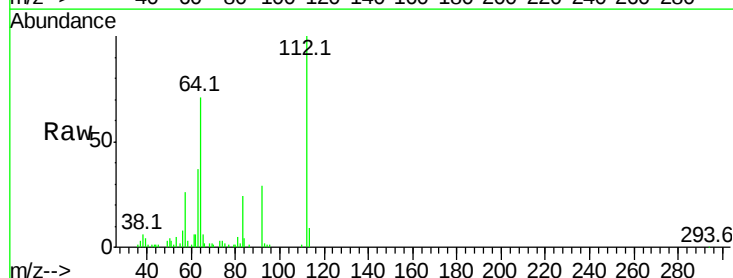
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



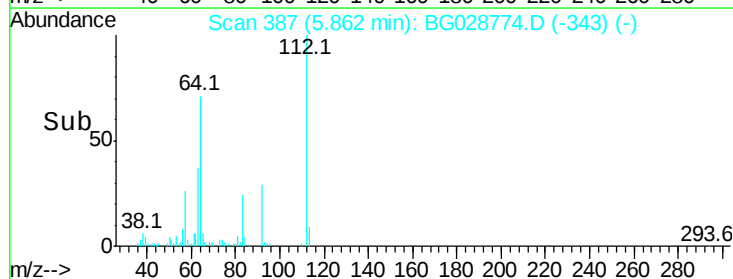
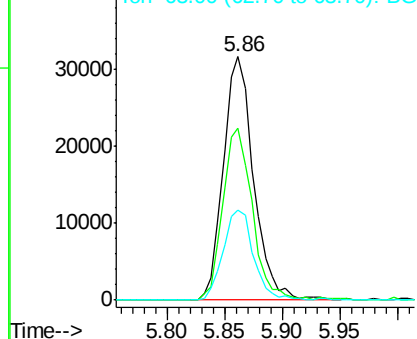
#5

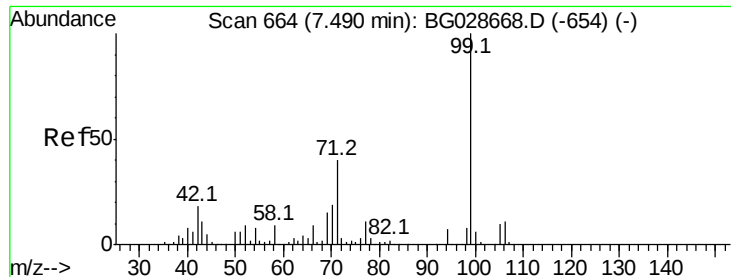
2-Fluorophenol
Concen: 30.176 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion:112 Resp: 57275
Ion Ratio Lower Upper
112 100
64 70.6 61.8 92.6
63 37.2 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: 16.611 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028774.D

Acq: 15 Sep 2017 19:20

Instrument :

BNA_G

ClientSampleId :

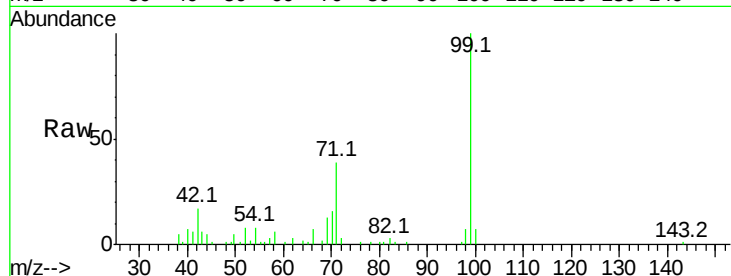
Tot Ion: 99 Resp: 47468

Ion Ratio Lower Upper

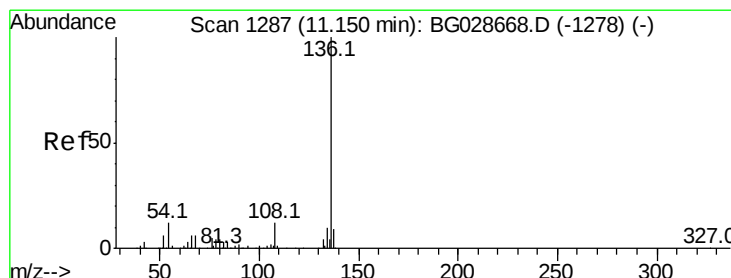
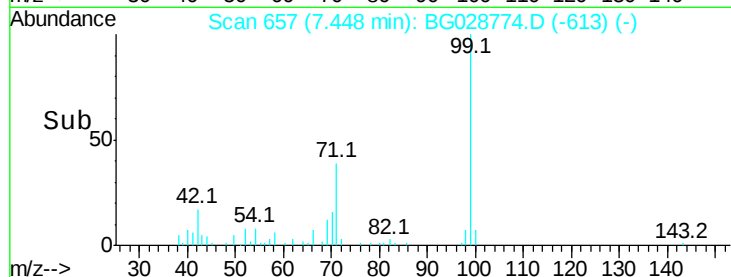
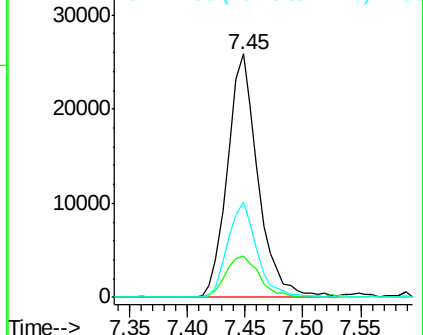
99 100

42 17.2 20.5 30.7#

71 39.3 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: 20.000 ng

RT: 11.11 min Scan# 1281

Delta R.T. -0.04 min

Lab File: BG028774.D

Acq: 15 Sep 2017 19:20

Tgt Ion: 136 Resp: 134529

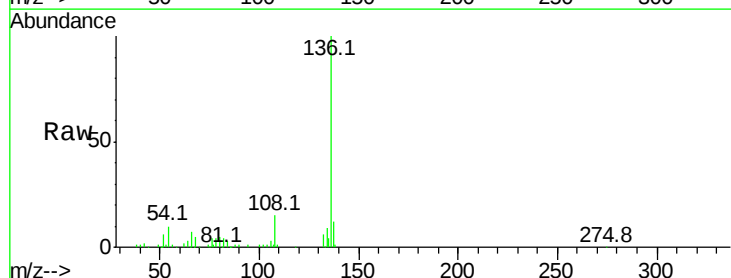
Ion Ratio Lower Upper

136 100

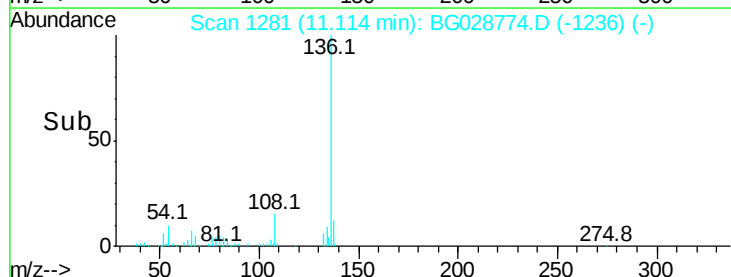
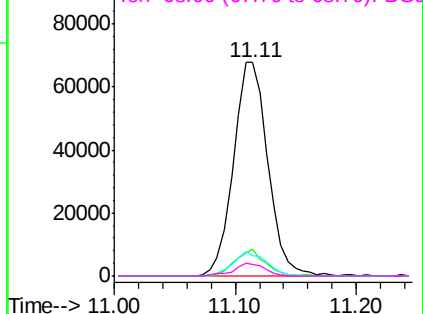
137 12.3 8.9 13.3

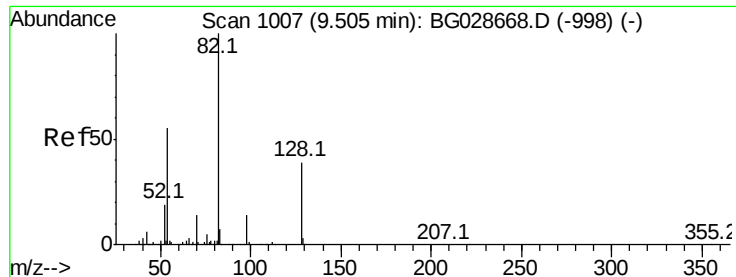
54 9.7 9.3 13.9

68 5.5 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

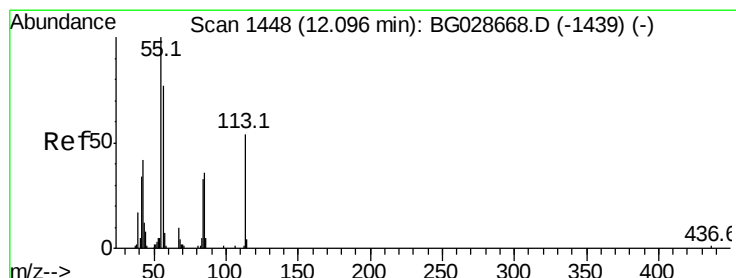
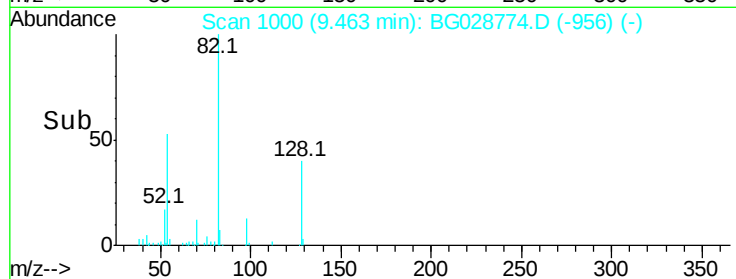
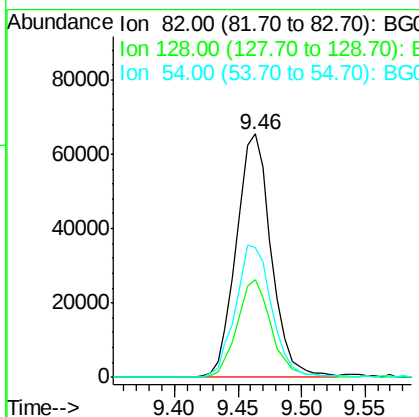
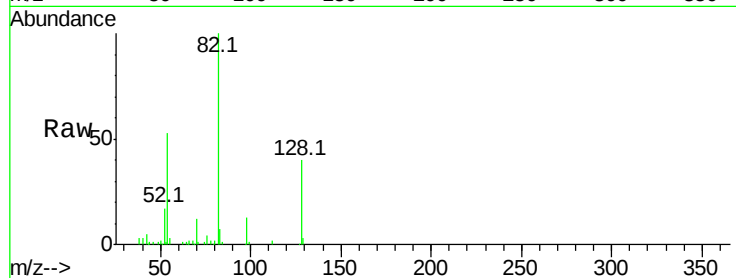




#23
 Nitrobenzene-d5
 Concen: 44.599 ng
 RT: 9.46 min Scan# 1000
 Delta R.T. -0.04 min
 Lab File: BG028774.D
 Acq: 15 Sep 2017 19:20

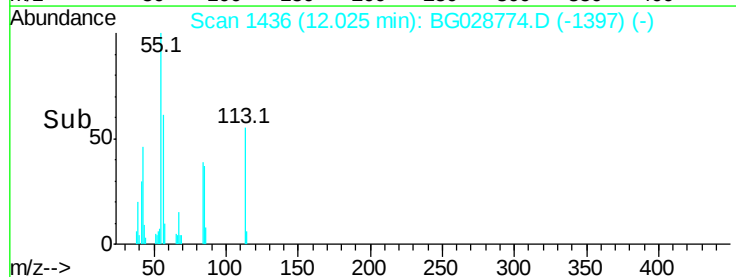
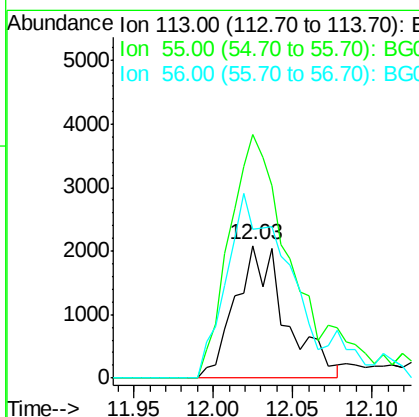
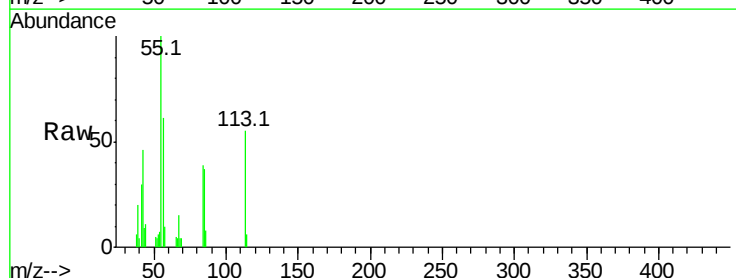
Instrument :
 BNA_G
 ClientSampleId :

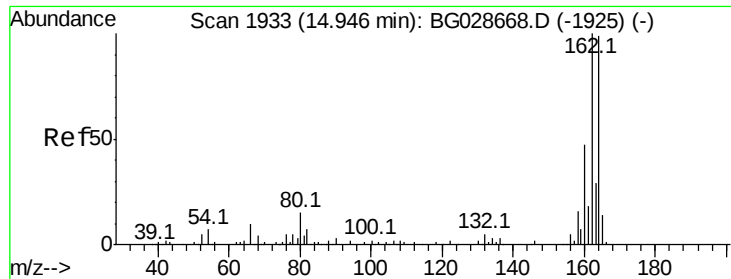
Tot Ion: 82 Resp: 125421
 Ion Ratio Lower Upper
 82 100
 128 40.2 26.4 39.6#
 54 53.4 49.4 74.2



#35
 Caprolactam
 Concen: 5.329 ng
 RT: 12.03 min Scan# 1436
 Delta R.T. -0.07 min
 Lab File: BG028774.D
 Acq: 15 Sep 2017 19:20

Tgt Ion: 113 Resp: 4606
 Ion Ratio Lower Upper
 113 100
 55 183.3 198.6 238.6#
 56 111.7 140.4 180.4#

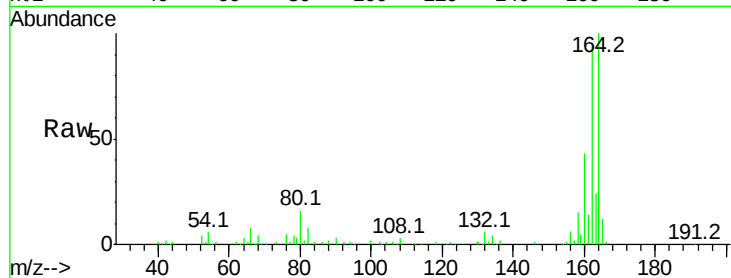




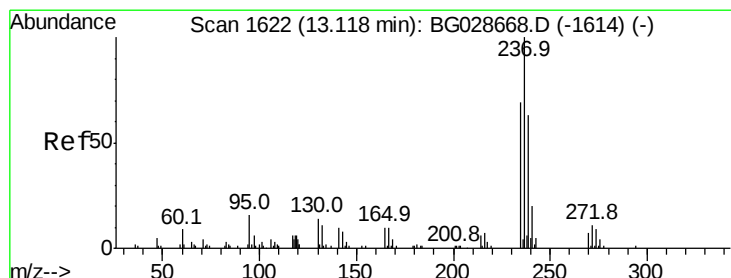
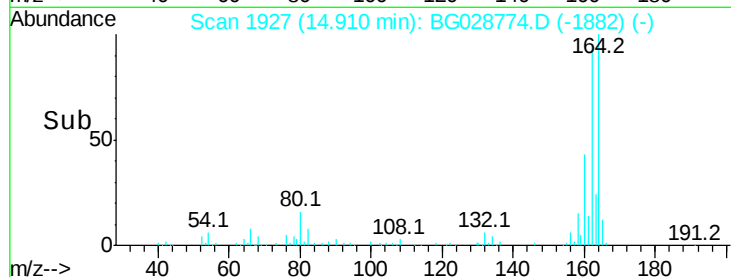
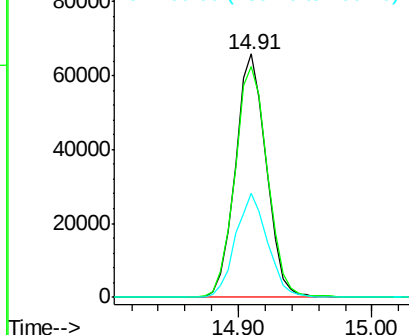
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 105272
Ion Ratio Lower Upper
164 100
162 95.0 85.1 127.7
160 42.7 34.7 52.1

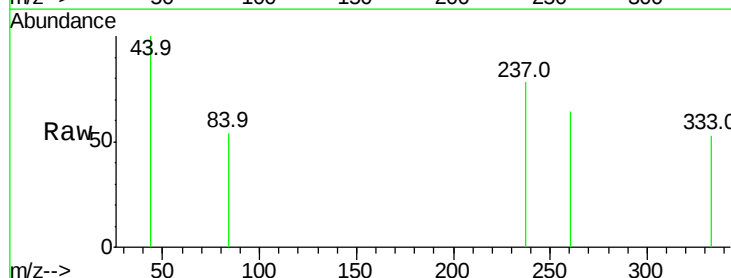


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

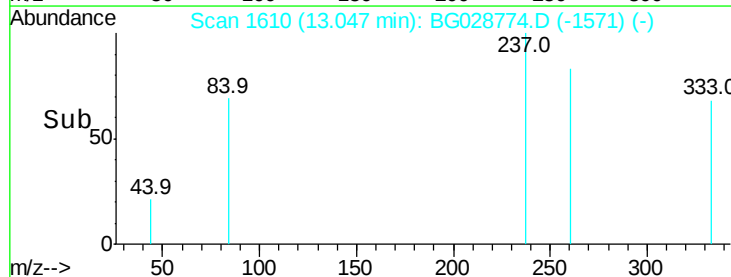
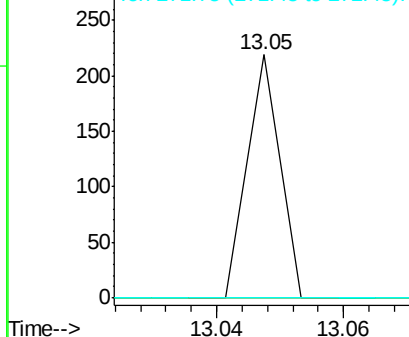


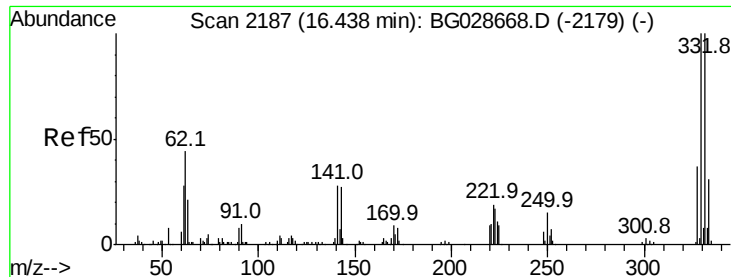
#40
Hexachlorocyclopentadiene
Concen: 7.644 ng
RT: 13.05 min Scan# 1610
Delta R.T. -0.07 min
Lab File: BG028774.D
Acq: 15 Sep 2017 19:20

Tgt Ion:237 Resp: 77
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

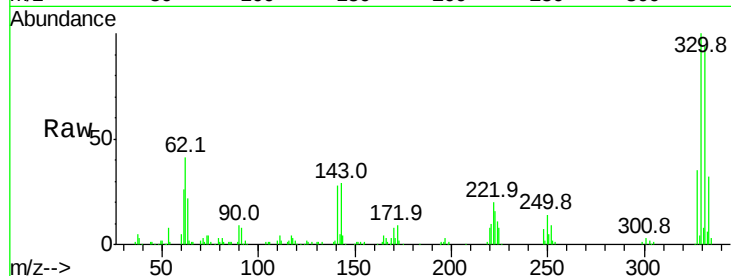




#41
 2,4,6-Tribromophenol
 Concen: 70.872 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028774.D
 Acq: 15 Sep 2017 19:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	29.1	32.1	48.1#

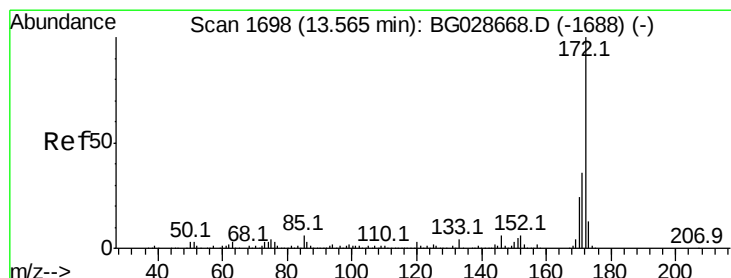
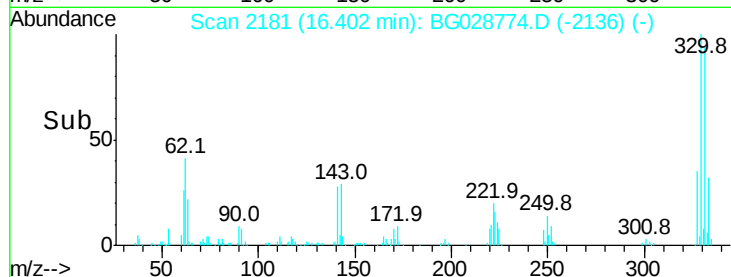
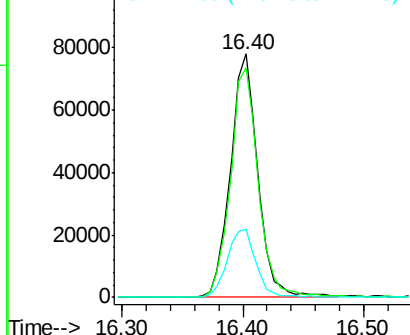


Abundance

Ion 329.80 (329.50 to 330.50): E

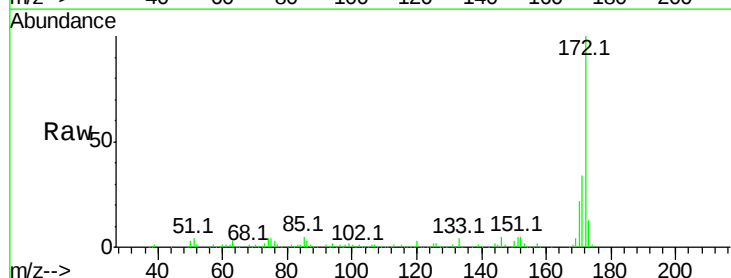
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 45.011 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028774.D
 Acq: 15 Sep 2017 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	32.2	48.2
170	21.9	21.8	32.6

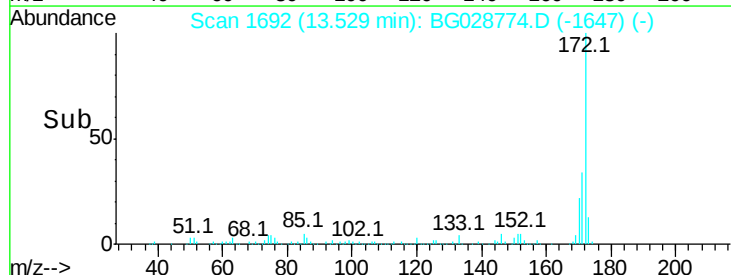
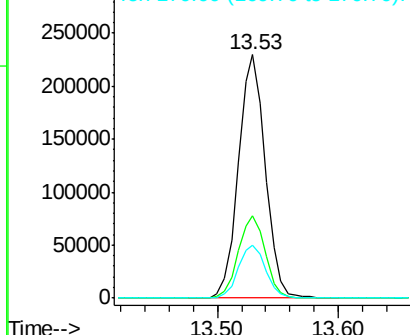


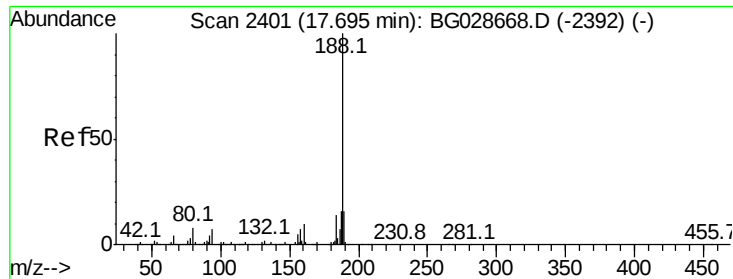
Abundance

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: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028774.D

Acq: 15 Sep 2017 19:20

Instrument :

BNA_G

ClientSampleId :

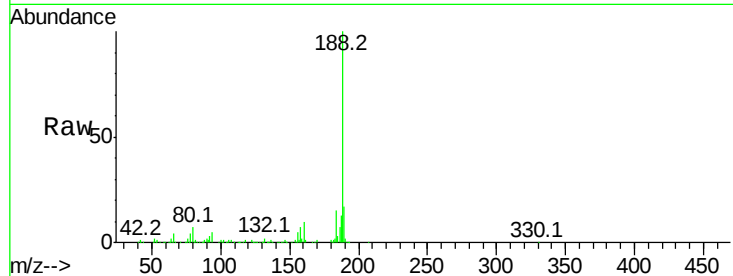
Tot Ion:188 Resp: 280064

Ion Ratio Lower Upper

188 100

94 5.1 5.8 8.8#

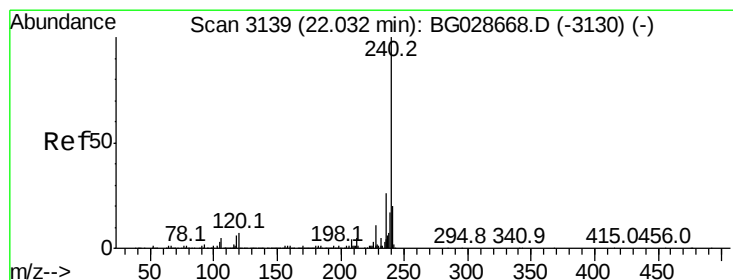
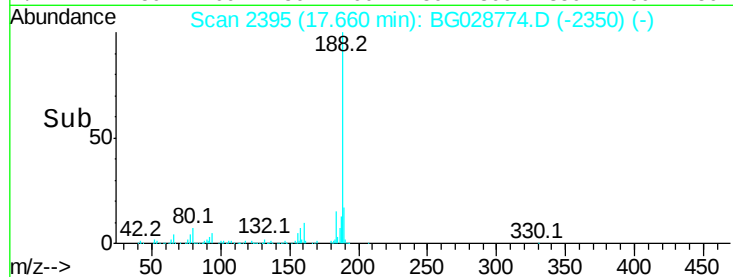
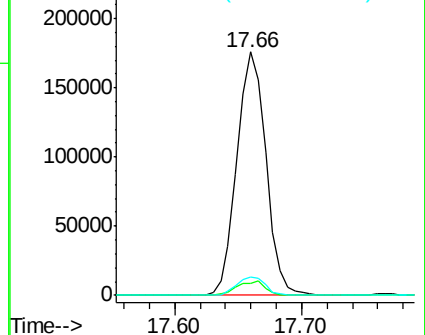
80 7.4 7.5 11.3#



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: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028774.D

Acq: 15 Sep 2017 19:20

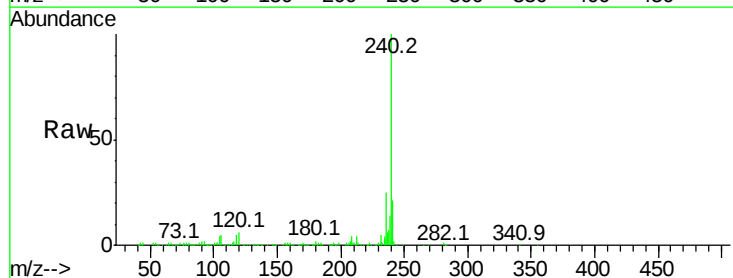
Tgt Ion:240 Resp: 309589

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

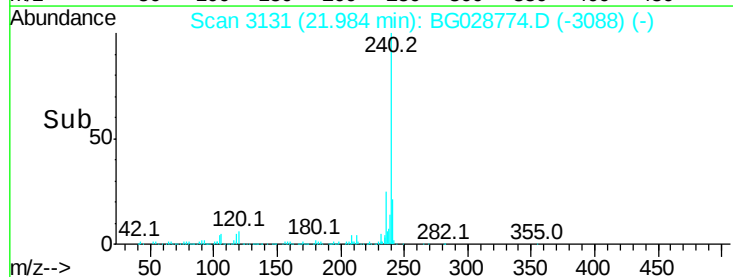
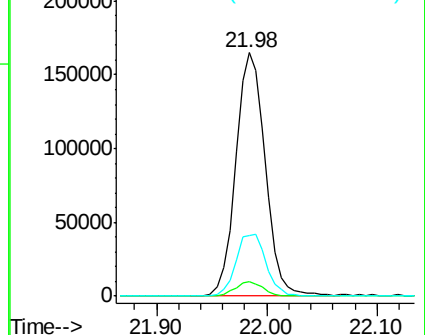
236 24.9 22.2 33.4

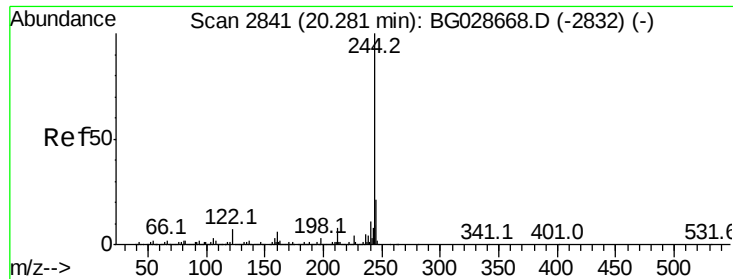


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 45.134 ng

RT: 20.24 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028774.D

Acq: 15 Sep 2017 19:20

Instrument :

BNA_G

ClientSampleId :

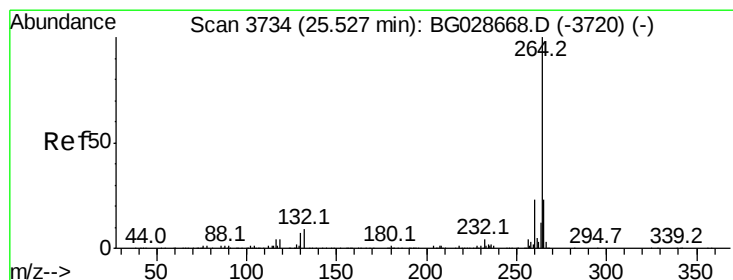
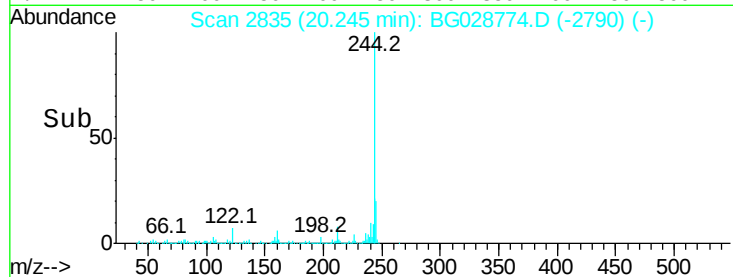
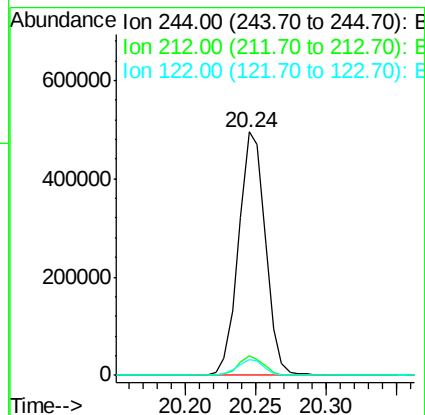
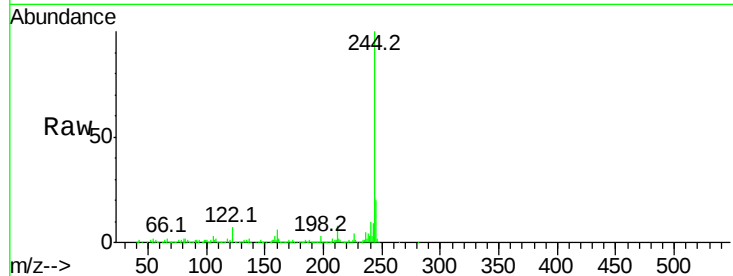
Tot Ion:244 Resp: 655213

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

122 6.7 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.46 min Scan# 3722

Delta R.T. -0.07 min

Lab File: BG028774.D

Acq: 15 Sep 2017 19:20

Tgt Ion:264 Resp: 320779

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 21.6 18.2 27.4

