

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028874.D
 Acq On : 22 Sep 2017 1:42
 Operator : SJ/JU
 Sample : I5309-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-4-COMP

Quant Time: Sep 22 03:02:57 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	33572	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	133350	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	96999	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	264588	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	280019	20.00	ng	-0.05
86) Perylene-d12	25.45	264	190493	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	244580	120.21	ng	-0.04
7) Phenol-d6	7.45	99	286877	93.65	ng	-0.04
23) Nitrobenzene-d5	9.46	82	240537	86.29	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	219957	137.10	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	626977	86.19	ng	-0.04
78) Terphenyl-d14	20.25	244	1178224	89.73	ng	-0.04

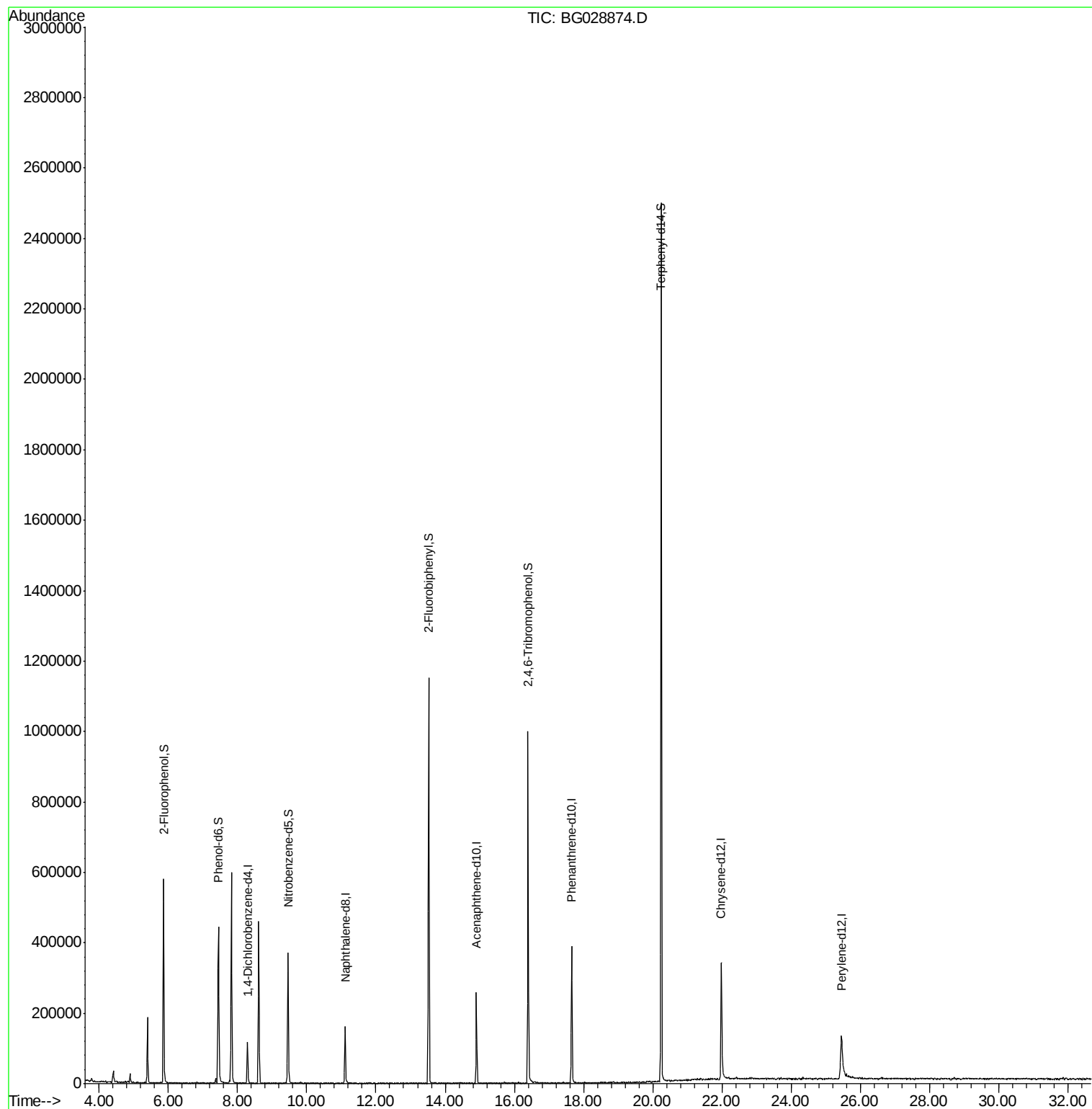
Target Compounds Qvalue

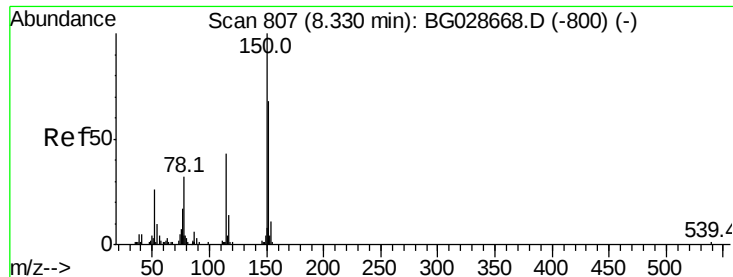
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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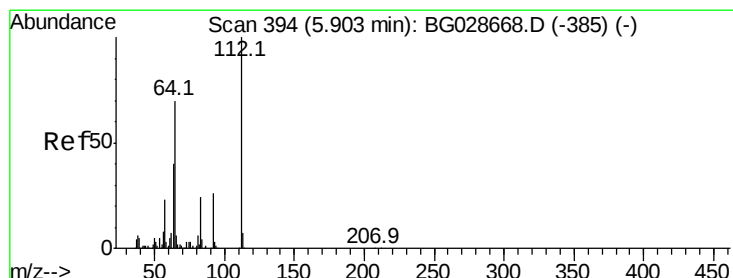
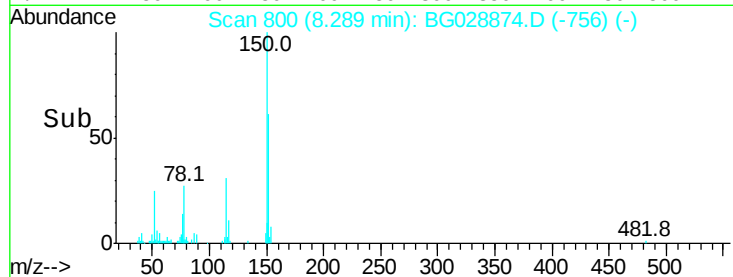
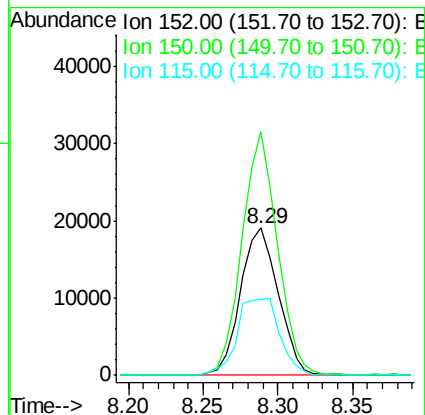
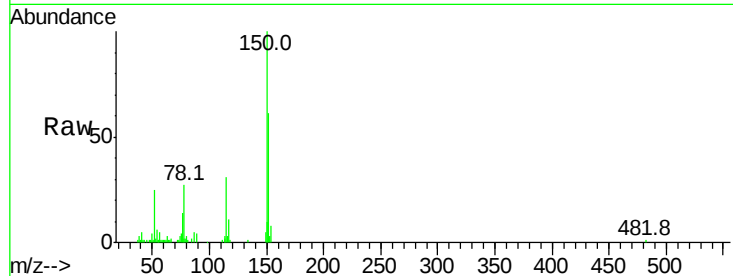


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028874.D
Acq: 22 Sep 2017 1:42

Instrument :
BNA_G
ClientSampleId :
TP-1-4-COMP

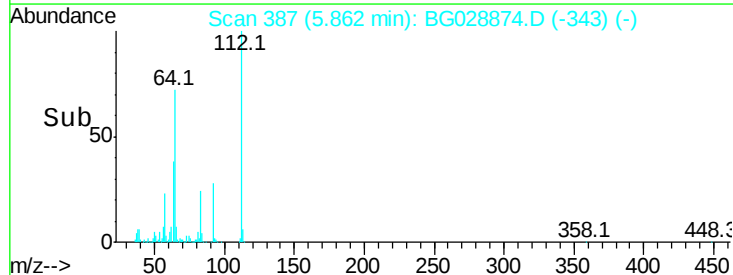
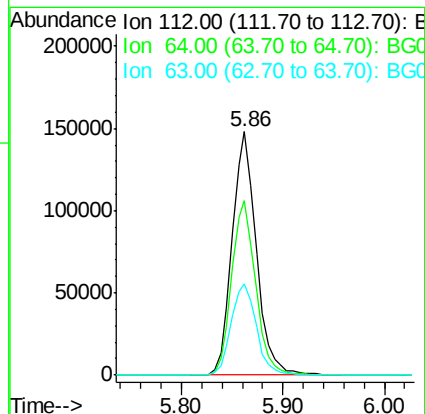
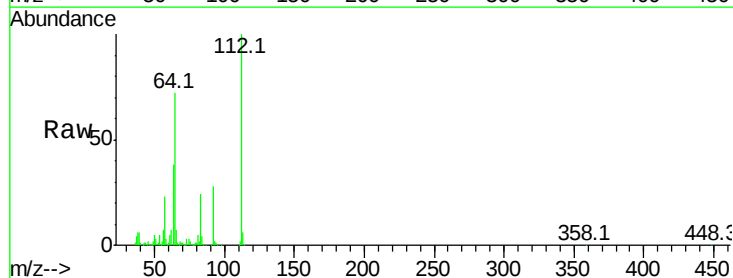
Tot Ion:152 Resp: 33572
Ion Ratio Lower Upper
152 100
150 165.1 114.0 171.0
115 51.4 48.1 72.1

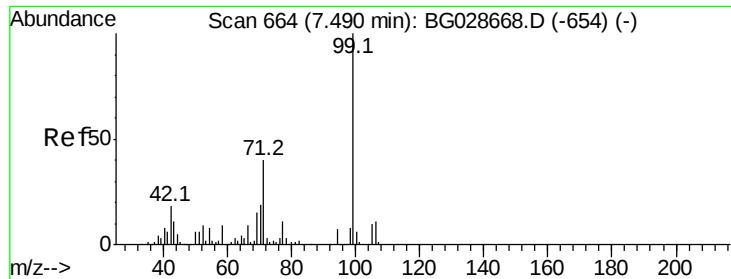


#5

2-Fluorophenol
Concen: 120.210 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028874.D
Acq: 22 Sep 2017 1:42

Tgt Ion:112 Resp: 244580
Ion Ratio Lower Upper
112 100
64 71.6 61.8 92.6
63 37.7 37.2 55.8





#7

Phenol-d6

Concen: 93.648 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

Instrument :

BNA_G

ClientSampleId :

TP-1-4-COMP

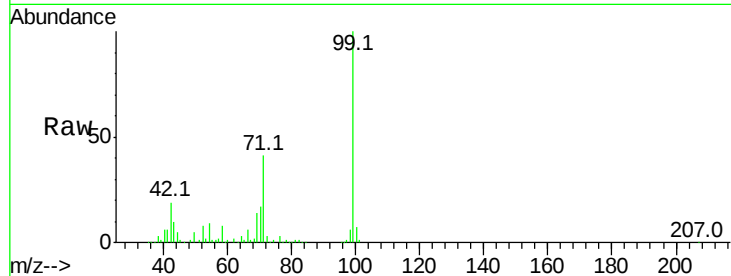
Tot Ion: 99 Resp: 286877

Ion Ratio Lower Upper

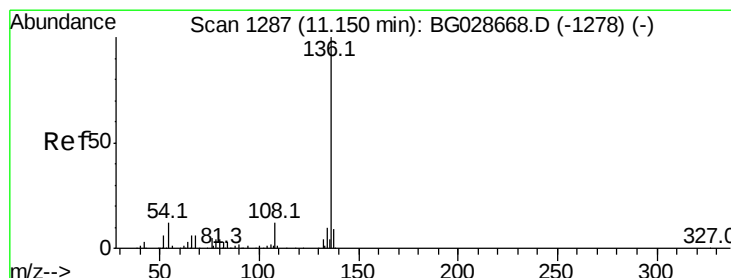
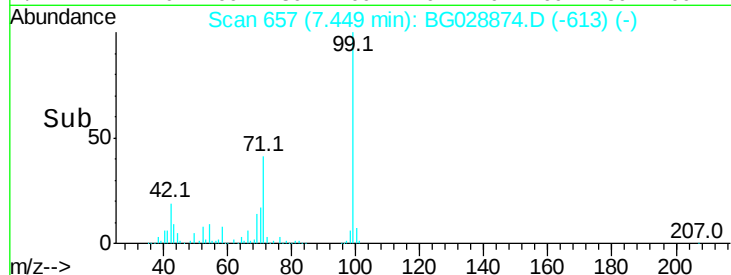
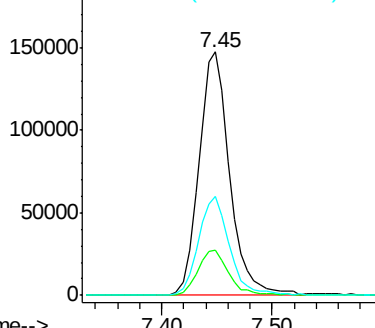
99 100

42 18.6 20.5 30.7#

71 40.5 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# 1280

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

Tgt Ion: 136 Resp: 133350

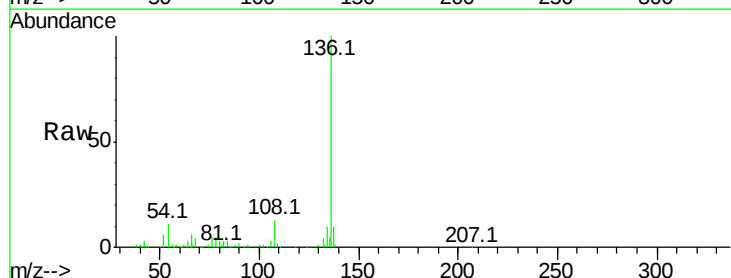
Ion Ratio Lower Upper

136 100

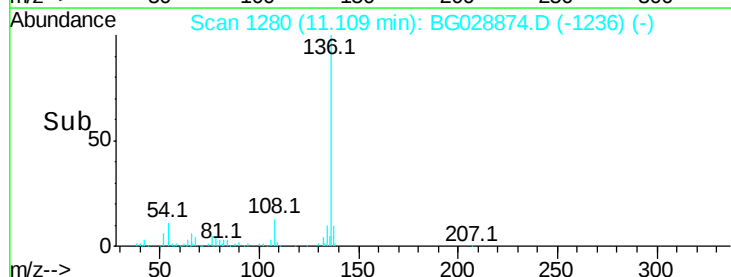
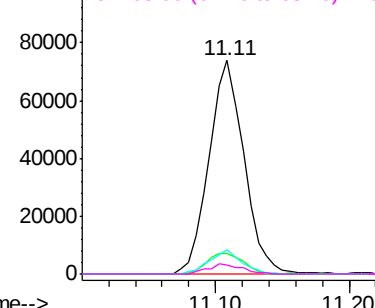
137 9.6 8.9 13.3

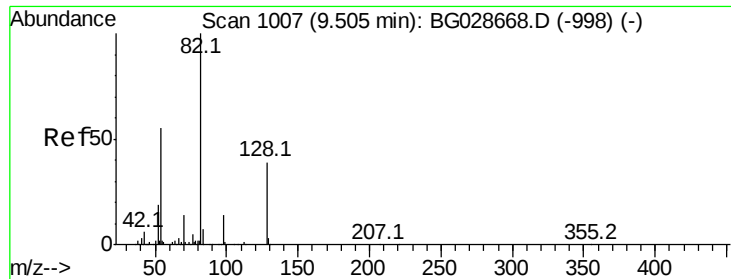
54 11.1 9.3 13.9

68 4.3 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

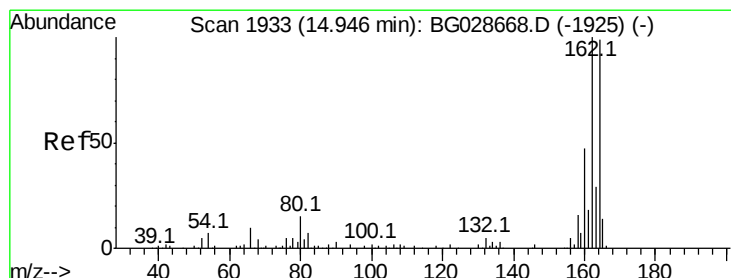
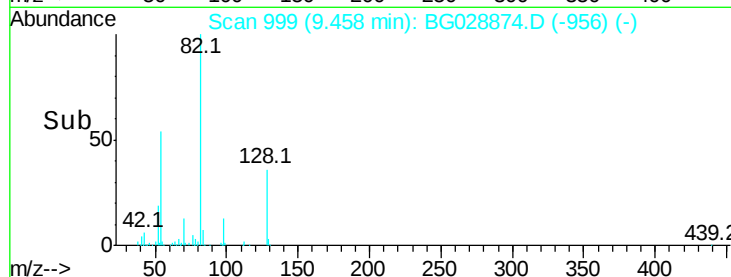
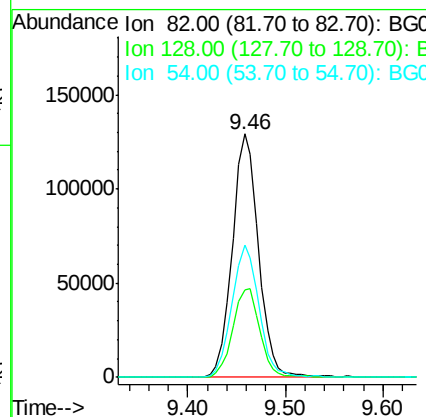
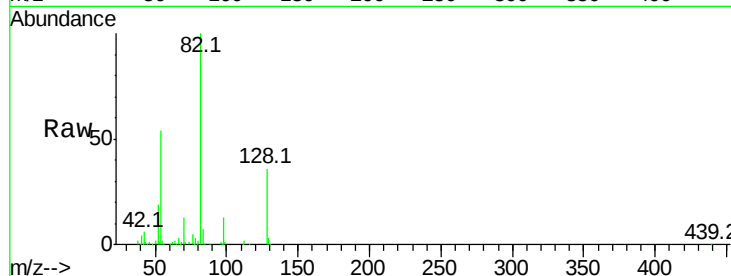




#23
 Nitrobenzene-d5
 Concen: 86.289 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028874.D
 Acq: 22 Sep 2017 1:42

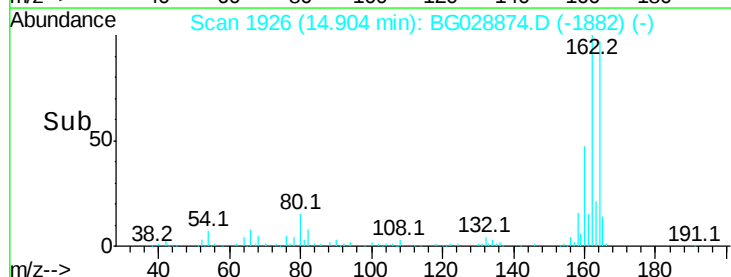
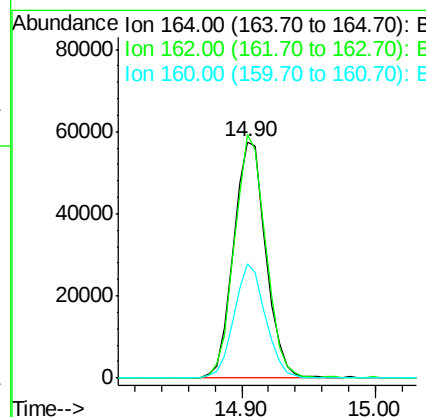
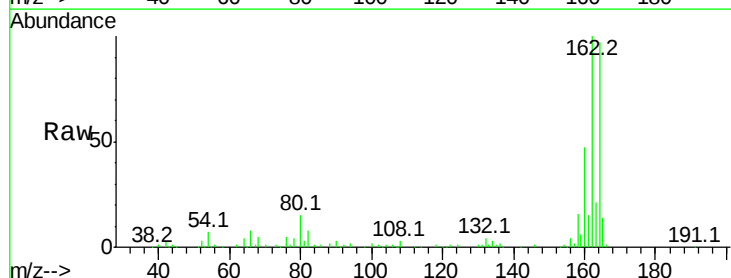
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-4-COMP

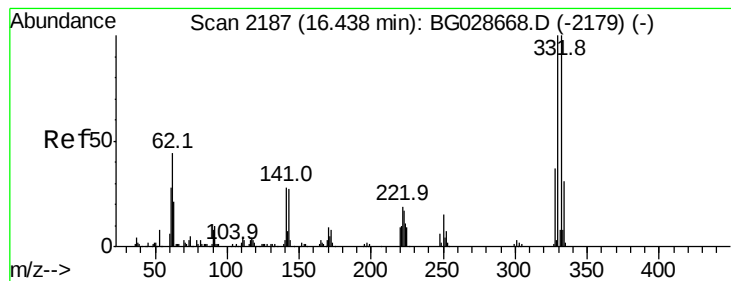
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.4	39.6
54	54.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028874.D
 Acq: 22 Sep 2017 1:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	48.6	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 137.104 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

Instrument :

BNA_G

ClientSampleId :

TP-1-4-COMP

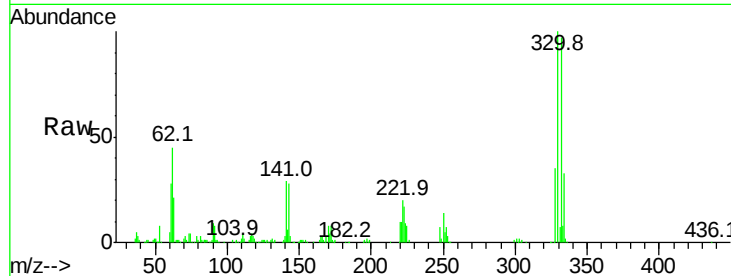
Tot Ion:330 Resp: 219957

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

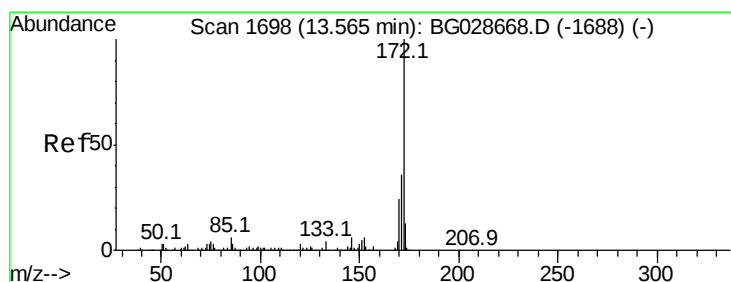
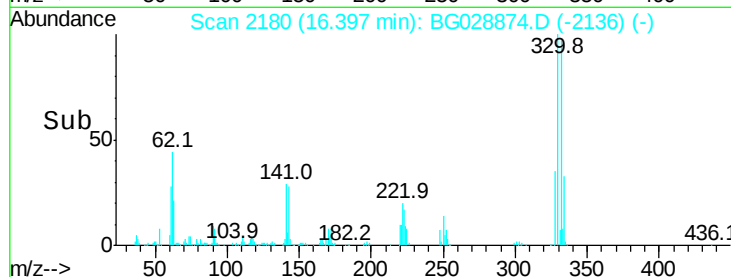
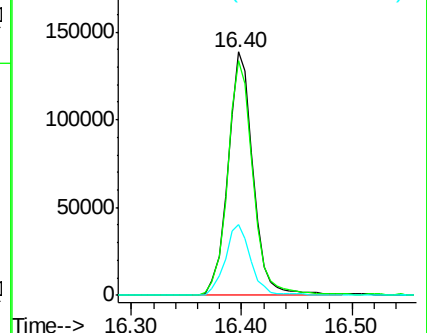
141 29.9 32.1 48.1#



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: 86.189 ng

RT: 13.52 min Scan# 1691

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

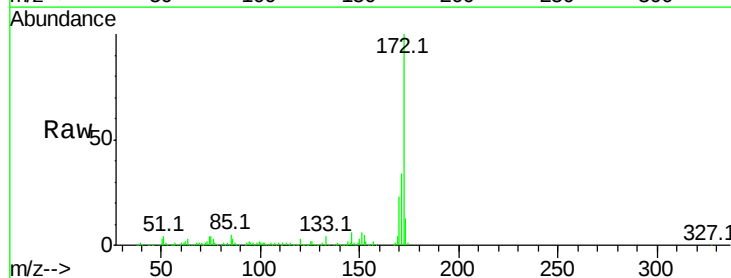
Tgt Ion:172 Resp: 626977

Ion Ratio Lower Upper

172 100

171 34.2 32.2 48.2

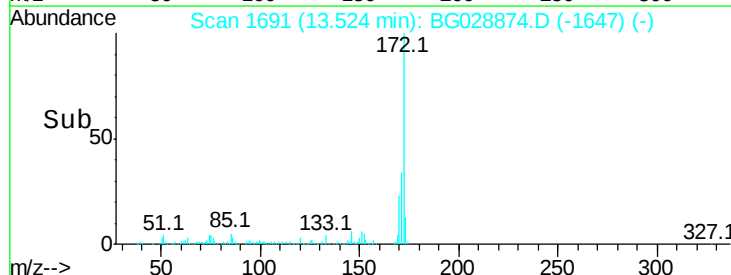
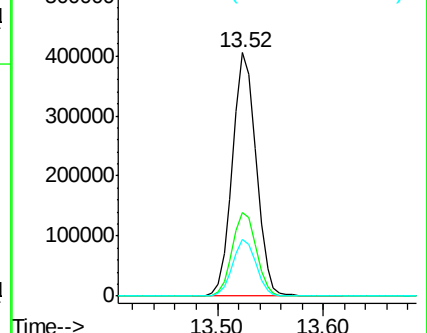
170 23.3 21.8 32.6

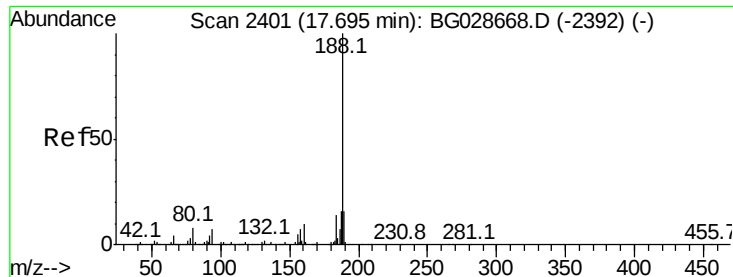


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

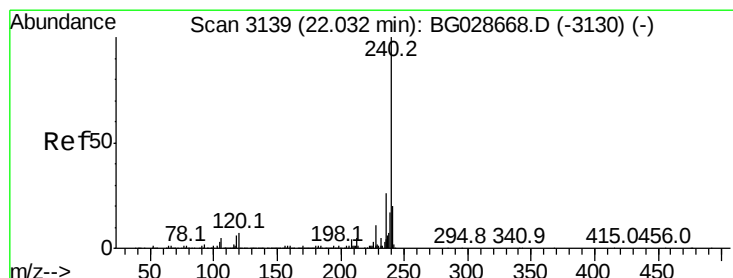
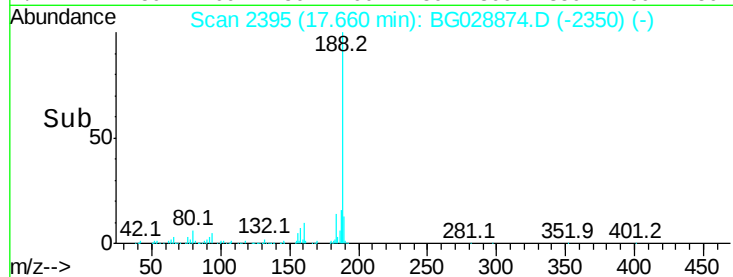
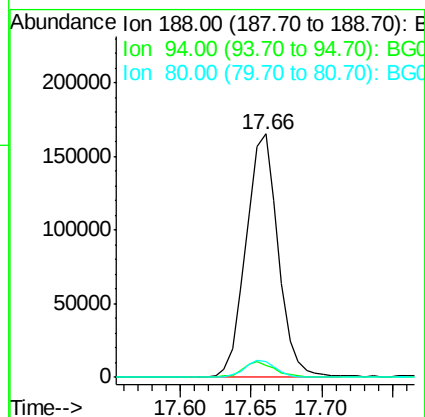
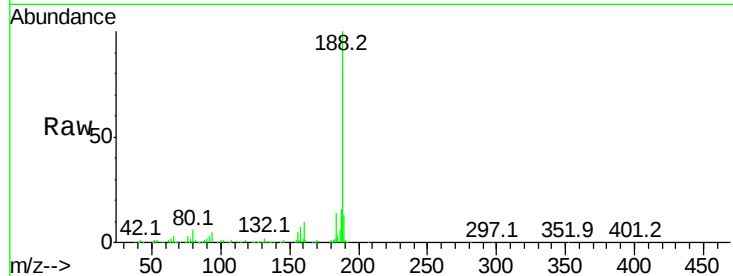




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028874.D
Acq: 22 Sep 2017 1:42

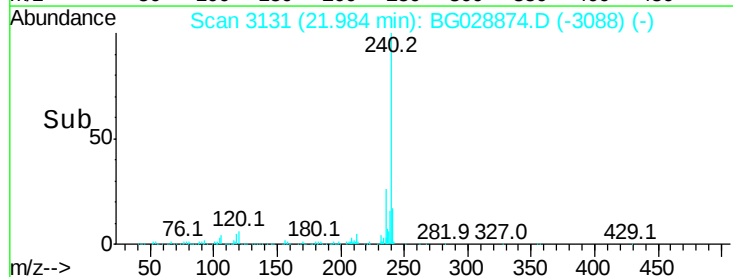
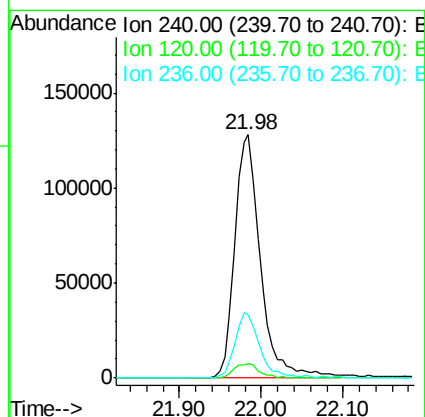
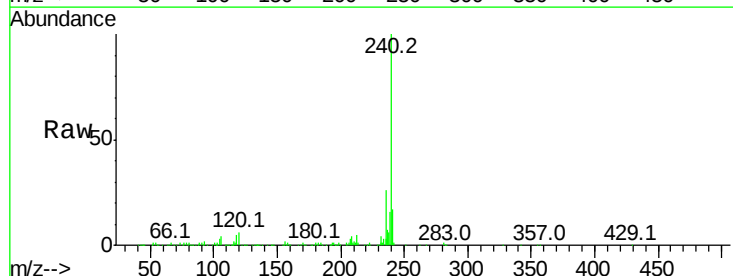
Instrument :
BNA_G
ClientSampleId :
TP-1-4-COMP

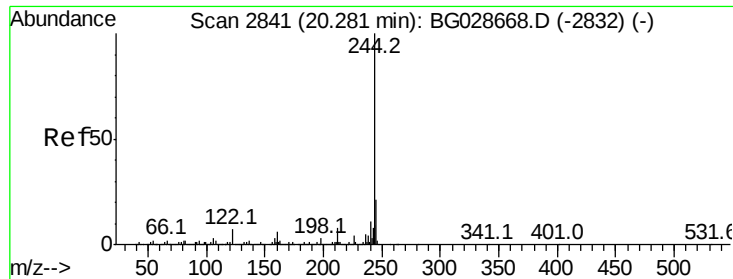
Tot Ion:188 Resp: 264588
Ion Ratio Lower Upper
188 100
94 4.9 5.8 8.8#
80 6.4 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028874.D
Acq: 22 Sep 2017 1:42

Tgt Ion:240 Resp: 280019
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 89.731 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

Instrument :

BNA_G

ClientSampleId :

TP-1-4-COMP

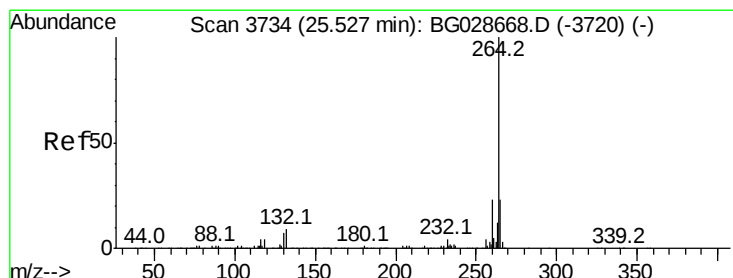
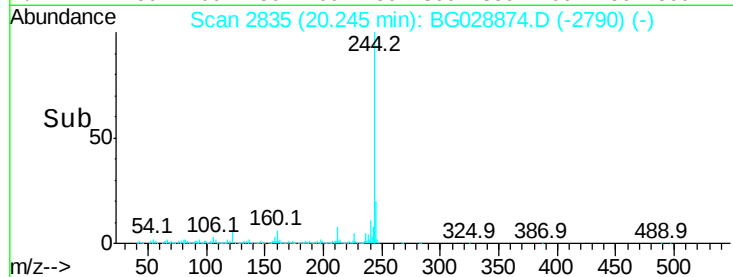
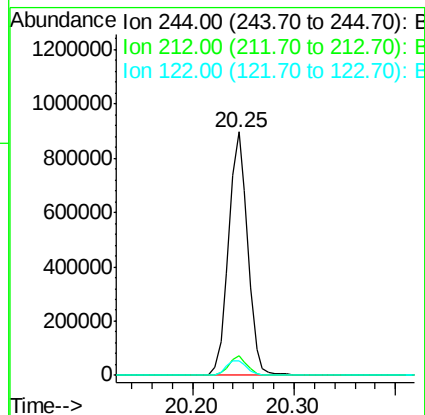
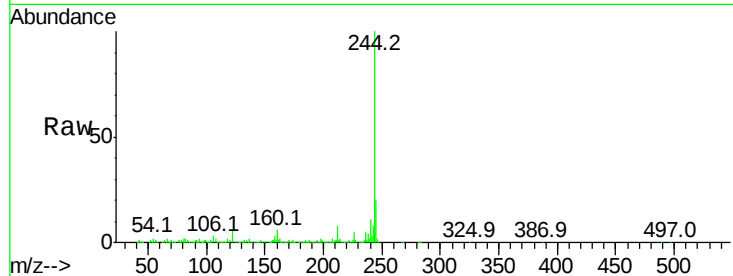
Tot Ion:244 Resp: 1178224

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

122 6.1 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

Tgt Ion:264 Resp: 190493

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 20.6 18.2 27.4

