

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
 Data File : BG022532.D
 Acq On : 24 Jun 2016 9:42
 Operator : UM/SJ
 Sample : H3665-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-2-COMP

Quant Time: Jun 24 16:23:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 04:19:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	97375	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	386455	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	256883	20.00	ng	-0.01
63) Phenanthrene-d10	17.55	188	654160	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	746941	20.00	ng	-0.01
86) Perylene-d12	25.21	264	722803	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	763663	127.00	ng	0.00
7) Phenol-d6	7.32	99	1007714	119.71	ng	0.00
23) Nitrobenzene-d5	9.35	82	845024	93.62	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	600546	150.65	ng	-0.01
44) 2-Fluorobiphenyl	13.43	172	1644785	97.73	ng	-0.01
78) Terphenyl-d14	20.16	244	2616826	110.96	ng	0.00

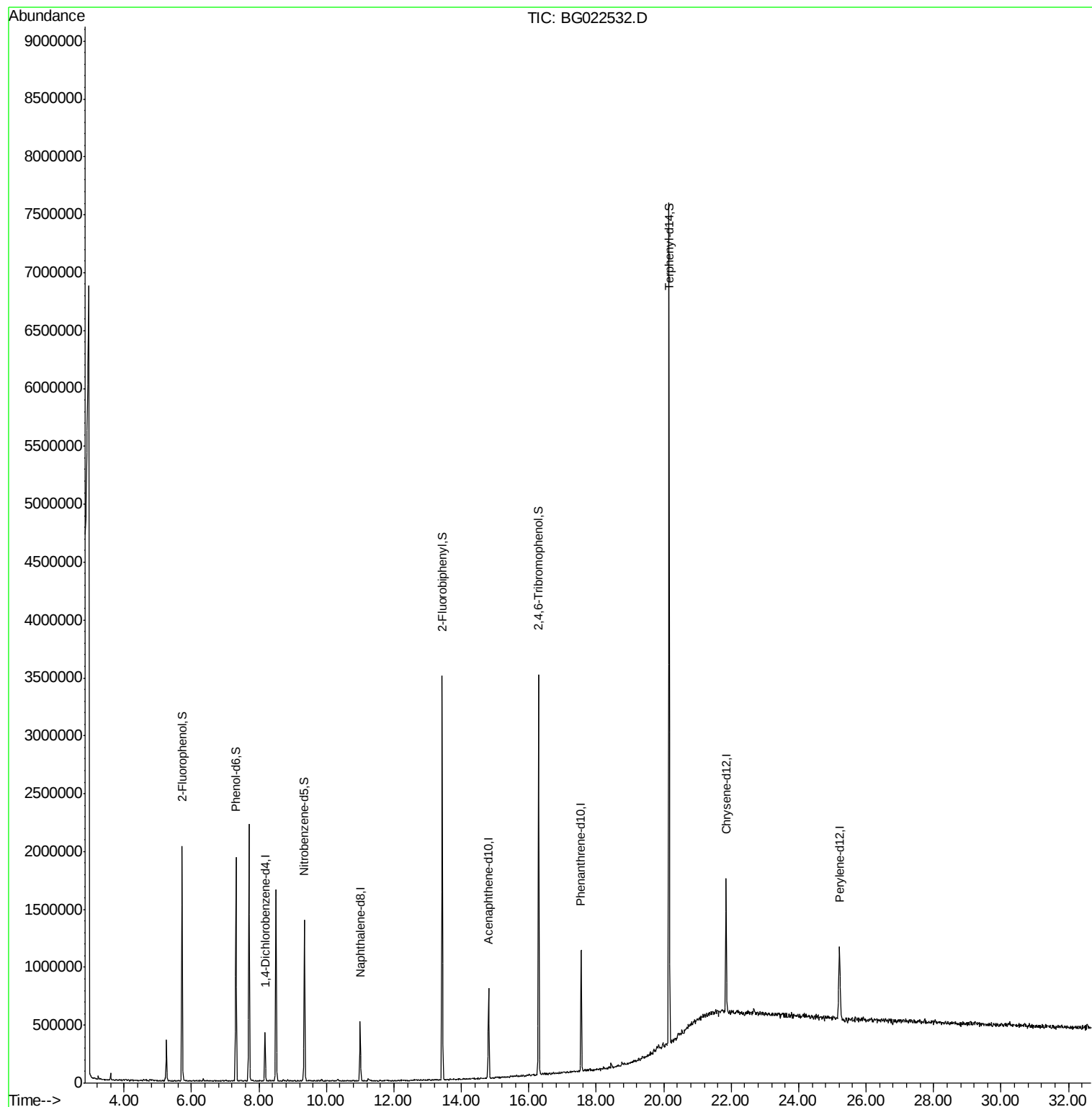
Target Compounds Qvalue

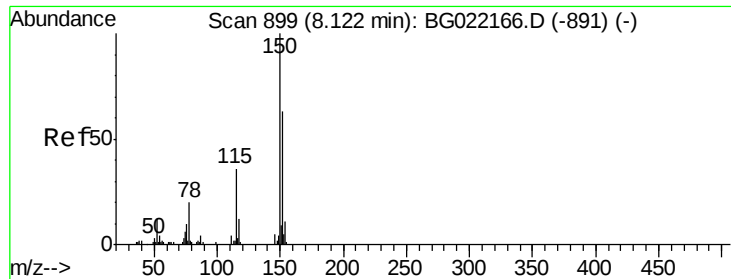
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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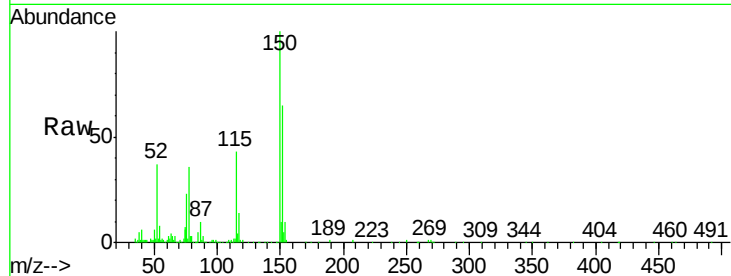


#1

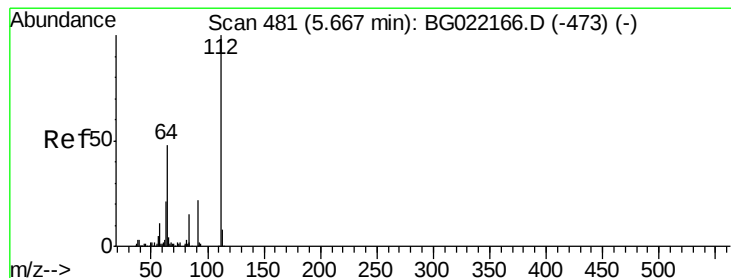
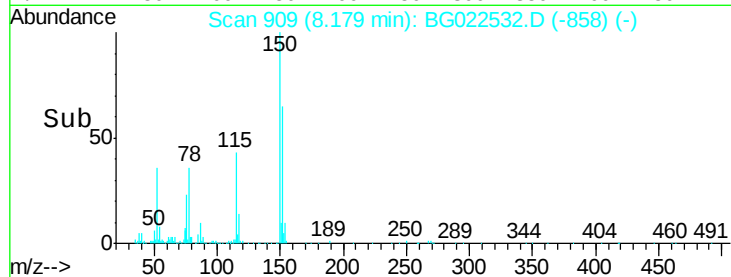
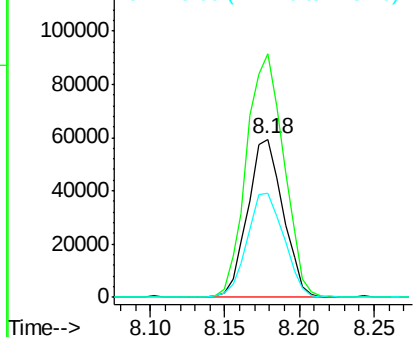
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG022532.D
Acq: 24 Jun 2016 9:42

Instrument :
BNA_G
ClientSampleId :
PL-DA-2-COMP

Tot Ion:152 Resp: 97375
Ion Ratio Lower Upper
152 100
150 153.9 144.7 217.1
115 66.1 64.0 96.0



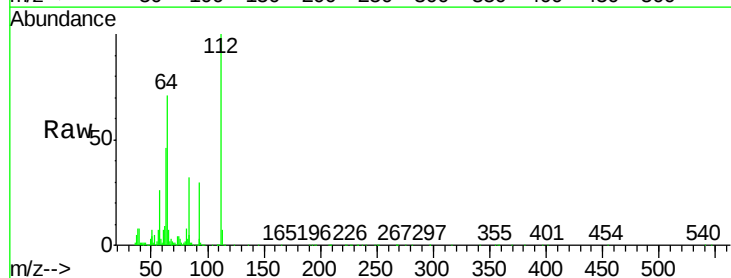
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



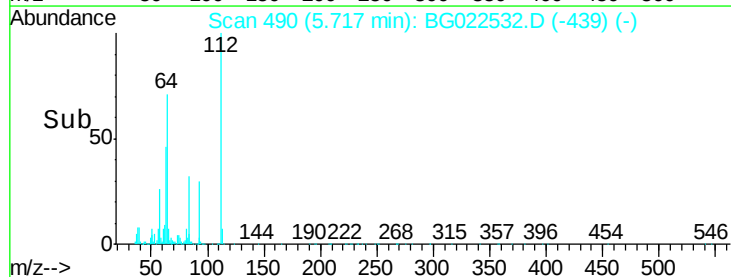
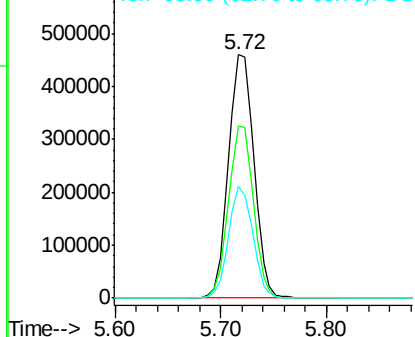
#5

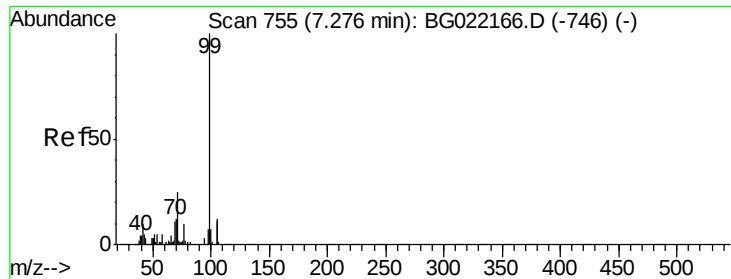
2-Fluorophenol
Concen: 127.00 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: BG022532.D
Acq: 24 Jun 2016 9:42

Tgt Ion:112 Resp: 763663
Ion Ratio Lower Upper
112 100
64 70.7 59.0 88.4
63 45.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.71 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

Instrument :

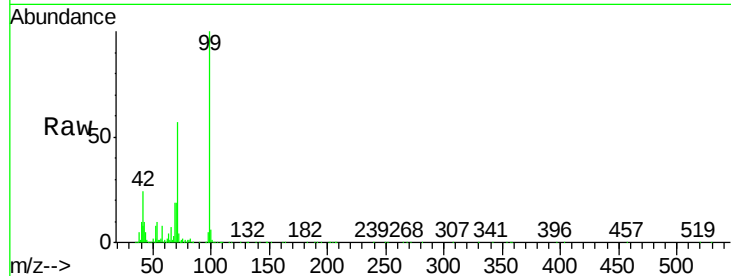
BNA_G

ClientSampleId :

PL-DA-2-COMP

Tot Ion: 99 Resp: 1007714

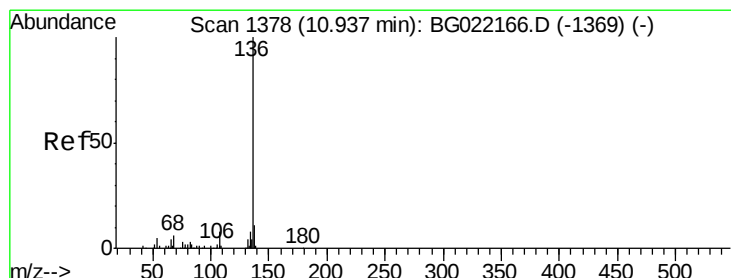
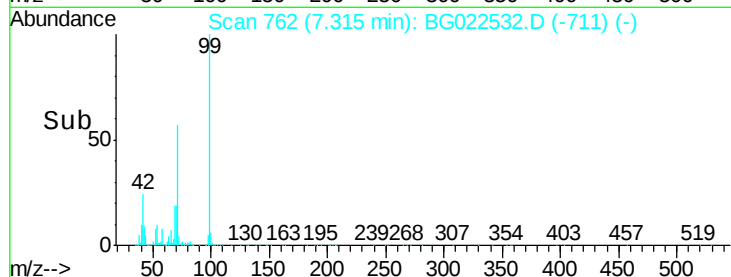
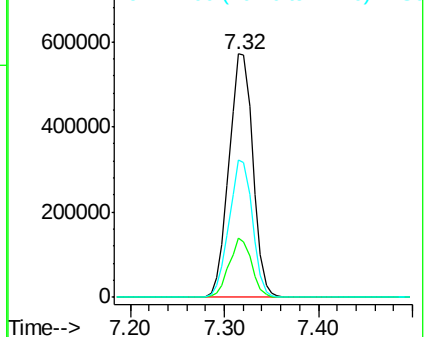
Ion	Ratio	Lower	Upper
99	100		
42	24.2	17.8	26.6
71	56.6	41.5	62.3



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: 20.00 ng

RT: 11.00 min Scan# 1389

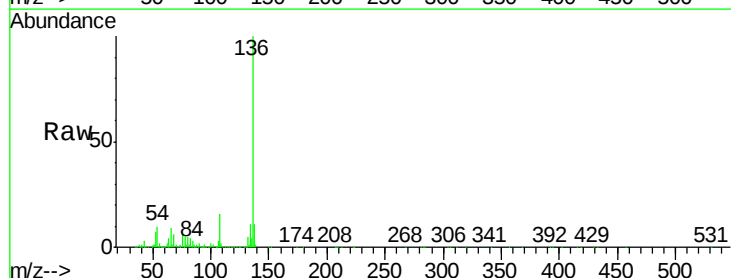
Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

Tgt Ion: 136 Resp: 386455

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	9.9	7.3	10.9
68	6.3	5.3	7.9

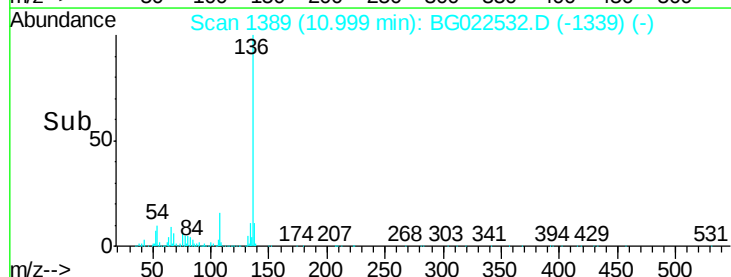
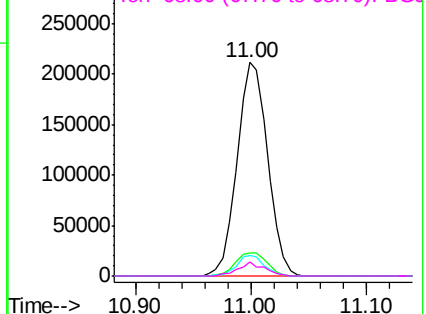


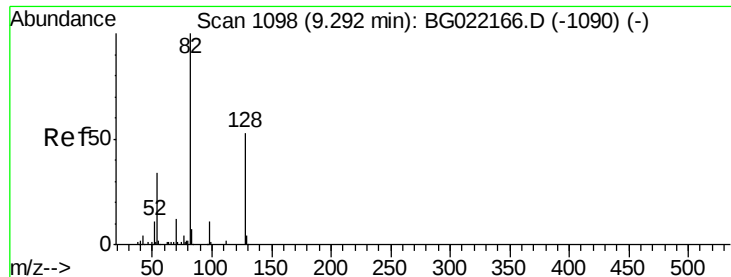
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

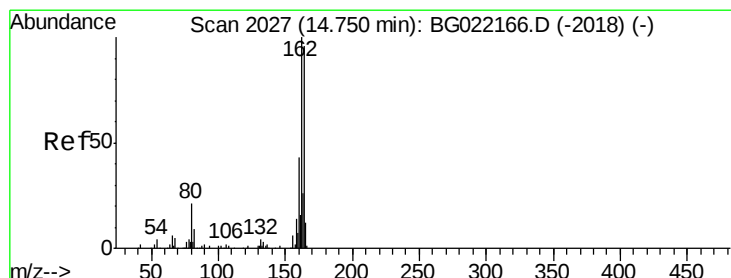
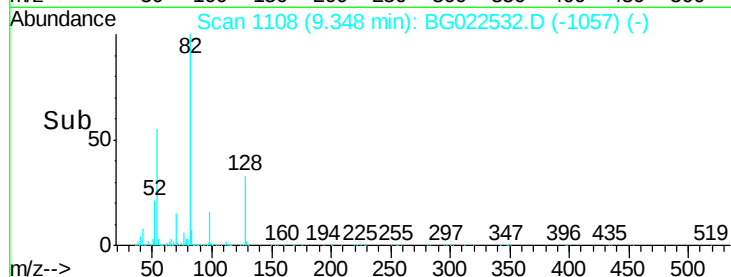
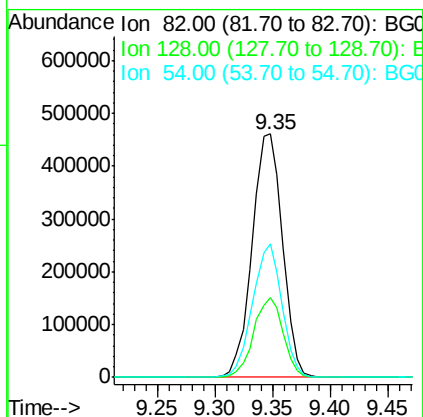
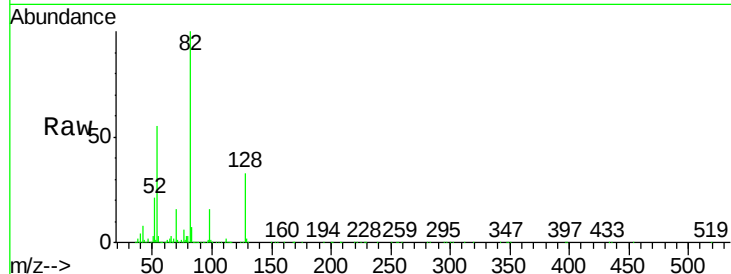




#23
 Nitrobenzene-d5
 Concen: 93.62 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BG022532.D
 Acq: 24 Jun 2016 9:42

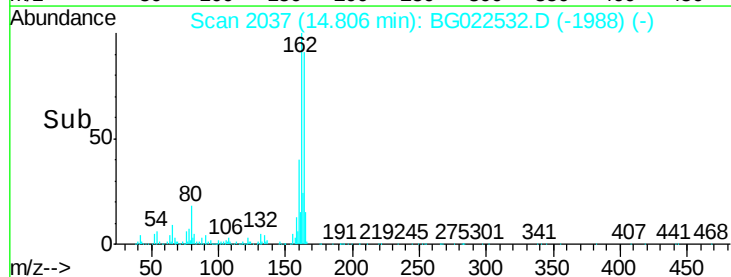
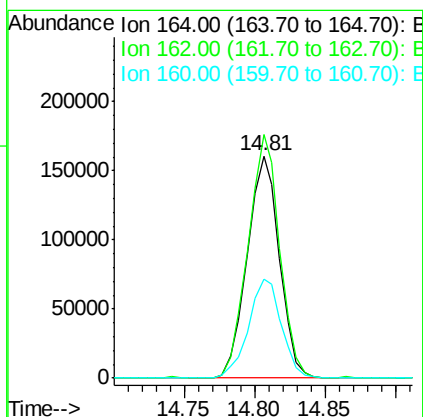
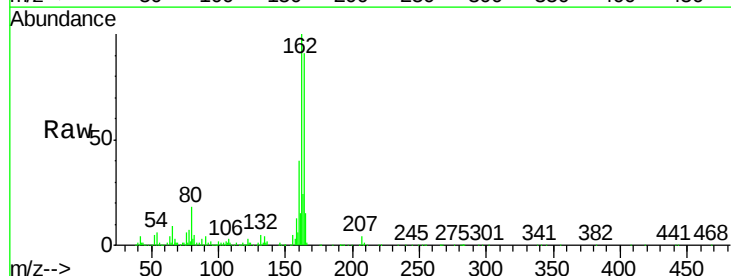
Instrument :
 BNA_G
 ClientSampleId :
 PL-DA-2-COMP

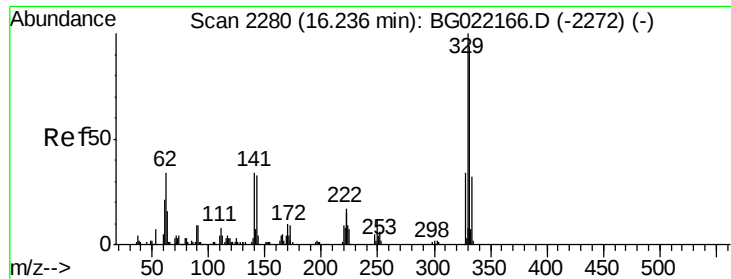
Tot Ion	82	Resp	845024
Ion Ratio	Lower	Upper	
82	100		
128	33.0	24.4	36.6
54	54.8	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG022532.D
 Acq: 24 Jun 2016 9:42

Tgt Ion	164	Resp	256883
Ion Ratio	Lower	Upper	
164	100		
162	109.7	87.7	131.5
160	44.3	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 150.65 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

Instrument :

BNA_G

ClientSampleId :

PL-DA-2-COMP

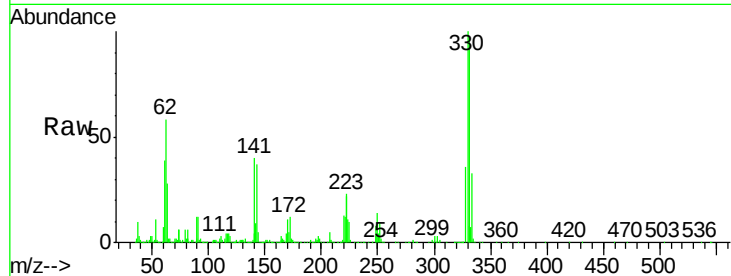
Tot Ion:330 Resp: 600546

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

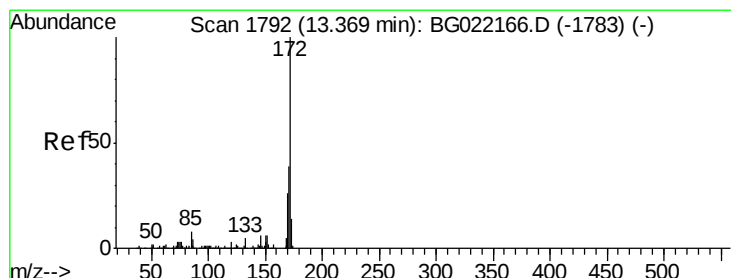
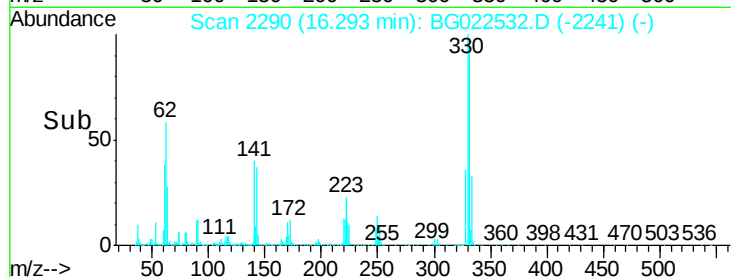
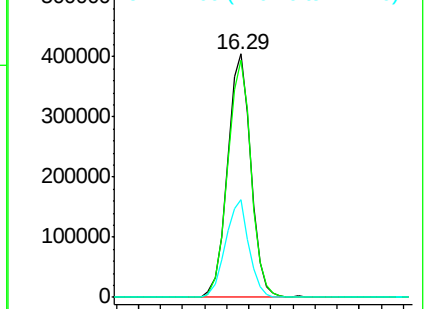
141 40.2 31.7 47.5



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: 97.73 ng

RT: 13.43 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

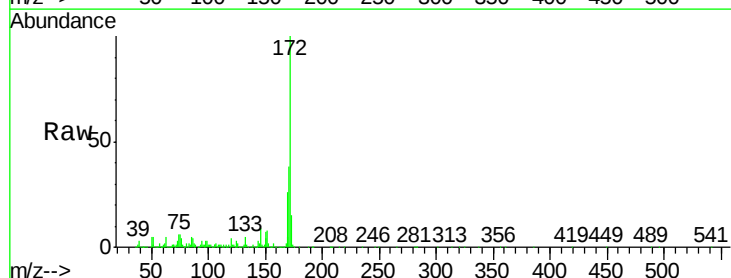
Tgt Ion:172 Resp: 1644785

Ion Ratio Lower Upper

172 100

171 37.7 31.6 47.4

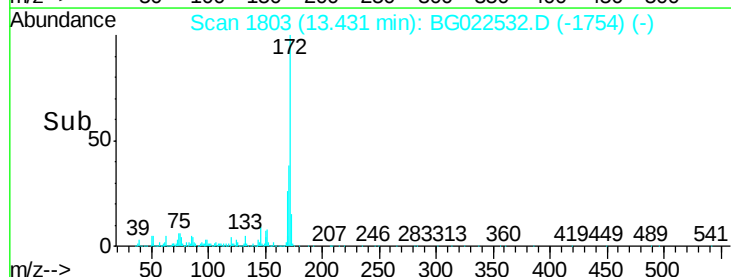
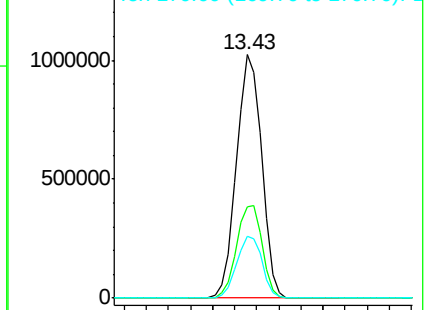
170 25.7 21.3 31.9

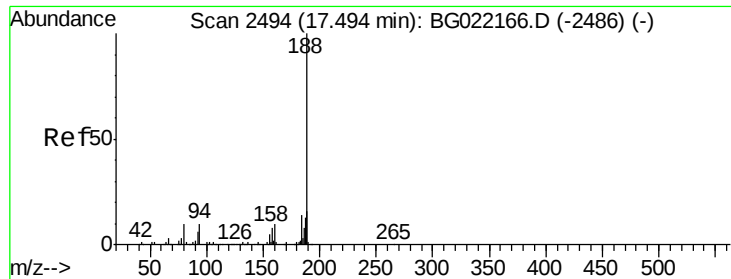


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

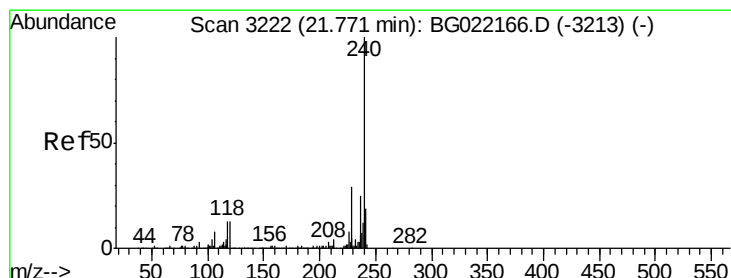
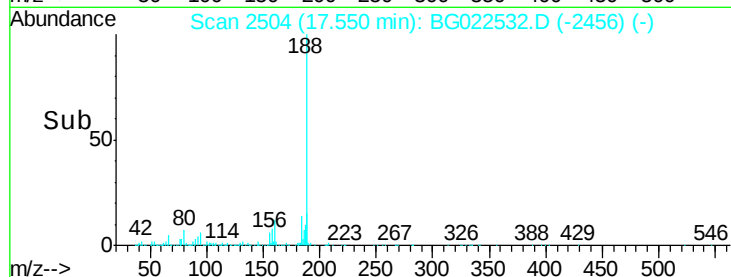
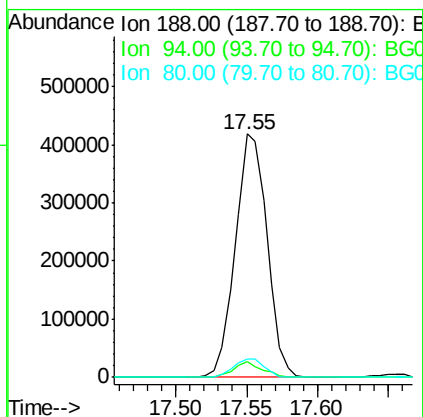
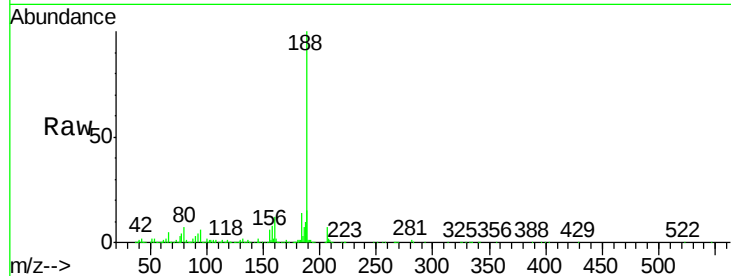




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG022532.D
Acq: 24 Jun 2016 9:42

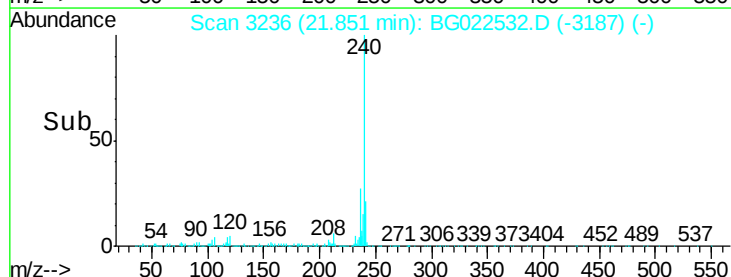
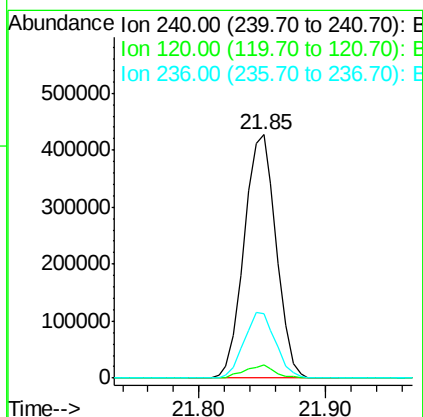
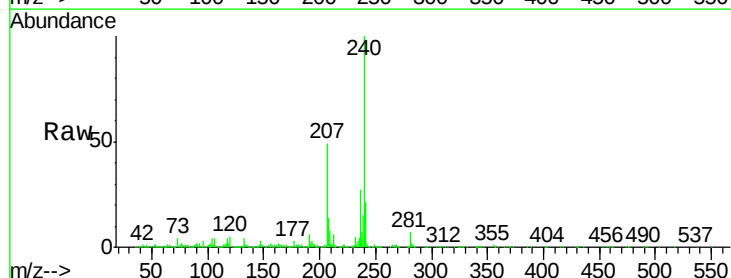
Instrument :
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PL-DA-2-COMP

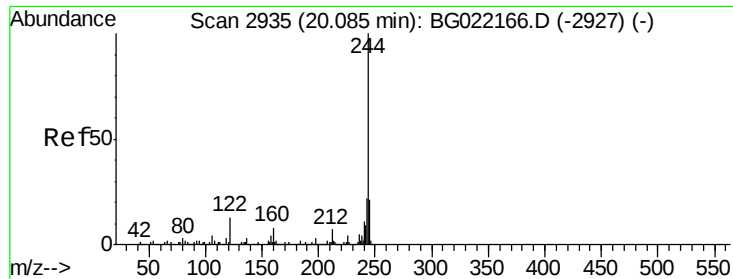
Tot Ion:188 Resp: 654160
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 7.3 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG022532.D
Acq: 24 Jun 2016 9:42

Tgt Ion:240 Resp: 746941
Ion Ratio Lower Upper
240 100
120 5.3 4.1 6.1
236 26.7 21.1 31.7





#78

Terphenyl-d14

Concen: 110.96 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

Instrument :

BNA_G

ClientSampleId :

PL-DA-2-COMP

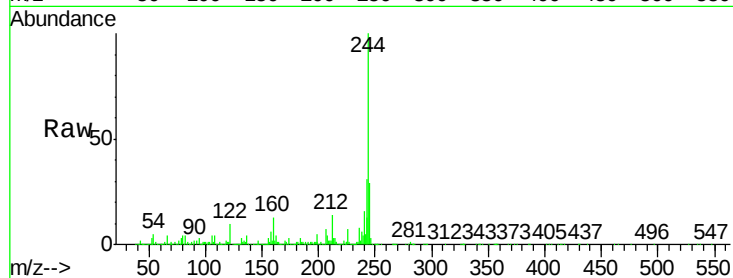
Tot Ion:244 Resp: 2616826

Ion Ratio Lower Upper

244 100

212 14.4 10.8 16.2

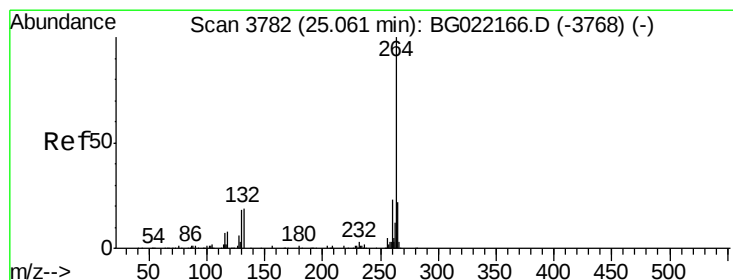
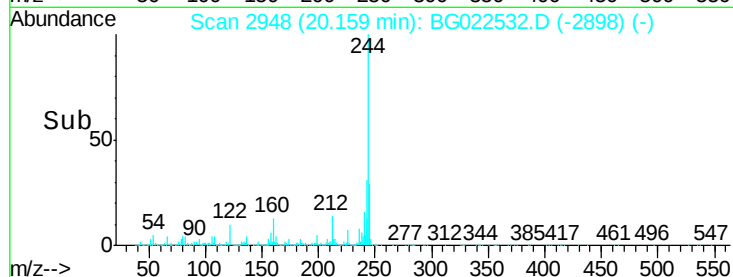
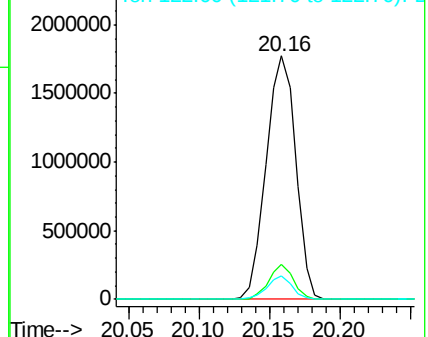
122 9.5 8.0 12.0



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: 25.21 min Scan# 3808

Delta R.T. -0.01 min

Lab File: BG022532.D

Acq: 24 Jun 2016 9:42

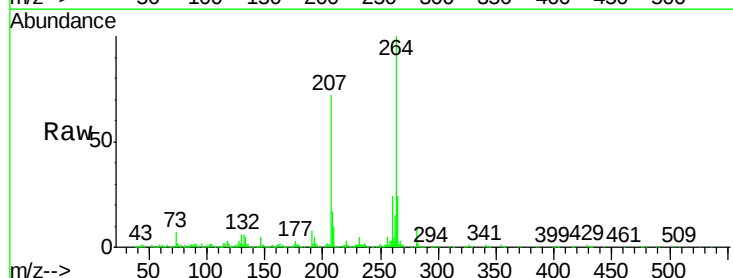
Tgt Ion:264 Resp: 722803

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 24.2 18.9 28.3



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

