

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
 Data File : BG022528.D
 Acq On : 24 Jun 2016 6:54
 Operator : UM/SJ
 Sample : H3625-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1481(0-4)

Quant Time: Jun 24 07:32:04 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 07:27:04 2016
 Response via : Initial Calibration

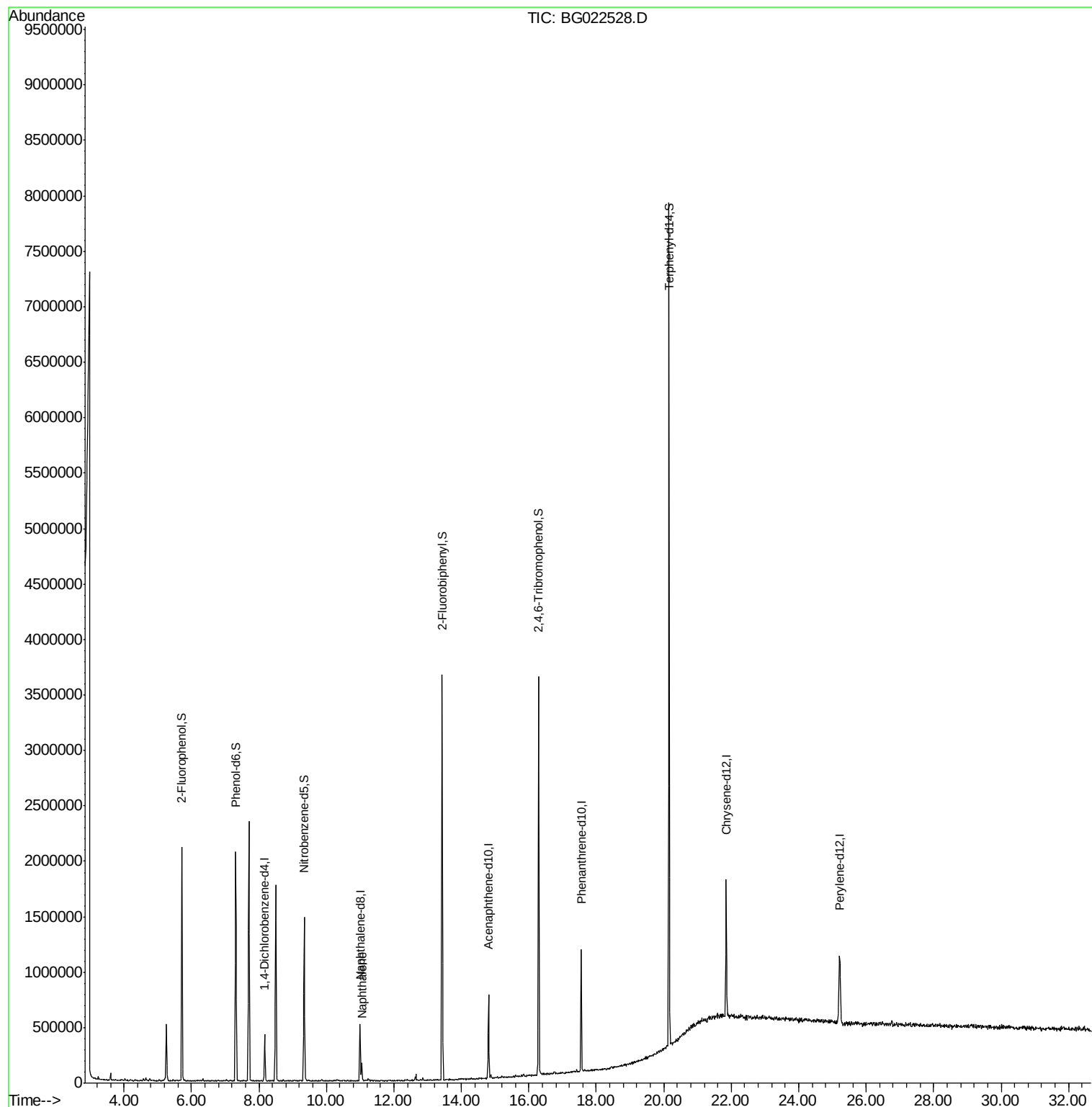
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	101101	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	382599	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	252902	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	658275	20.00	ng	0.00
75) Chrysene-d12	21.85	240	766565	20.00	ng	0.00
86) Perylene-d12	25.21	264	750671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	793196	127.04	ng	0.00
7) Phenol-d6	7.31	99	1052053	120.74	ng	0.00
23) Nitrobenzene-d5	9.34	82	895859	100.49	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	643366	163.31	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1721783	104.02	ng	0.00
78) Terphenyl-d14	20.16	244	2802860	119.27	ng	0.00
Target Compounds						
31) Naphthalene	11.05	128	122382	6.50	ng	Qvalue # 94

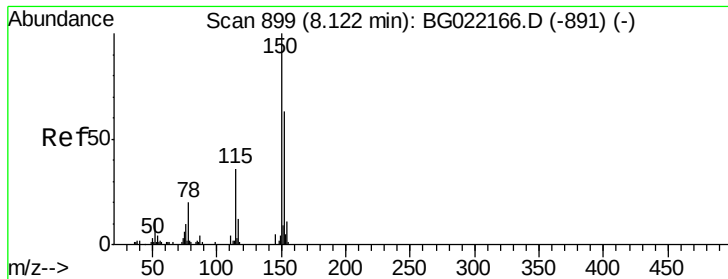
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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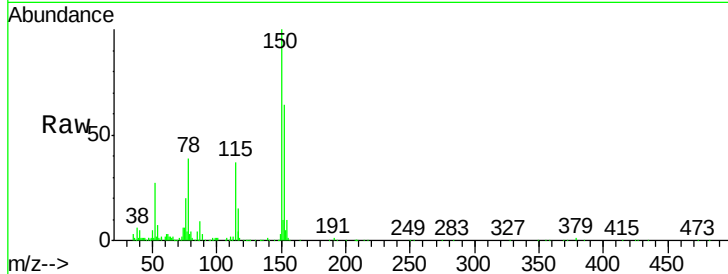


#1

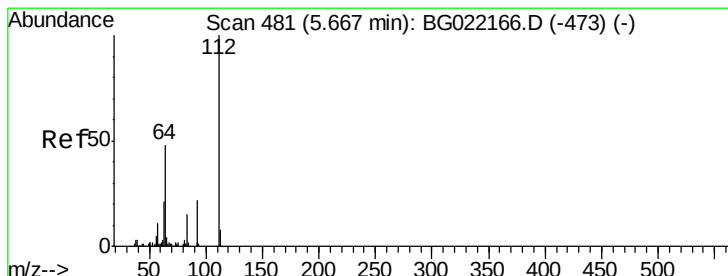
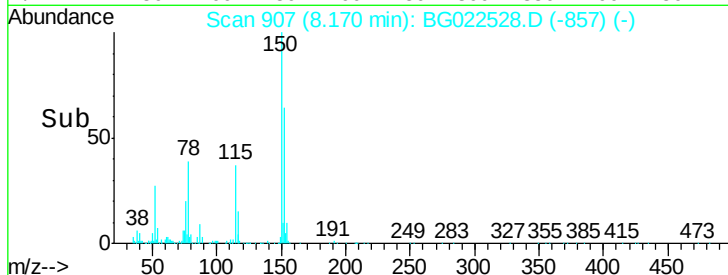
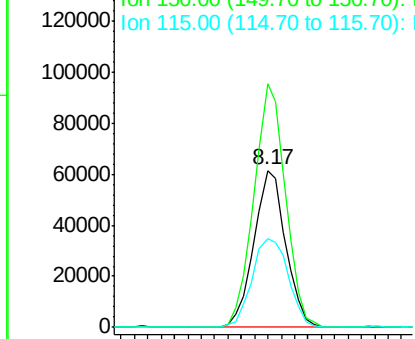
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022528.D
Acq: 24 Jun 2016 6:54

Instrument :
BNA_G
ClientSampleId :
SC-STA-1481(0-4)

Tot Ion:152 Resp: 101101
Ion Ratio Lower Upper
152 100
150 155.2 144.7 217.1
115 56.7 64.0 96.0#



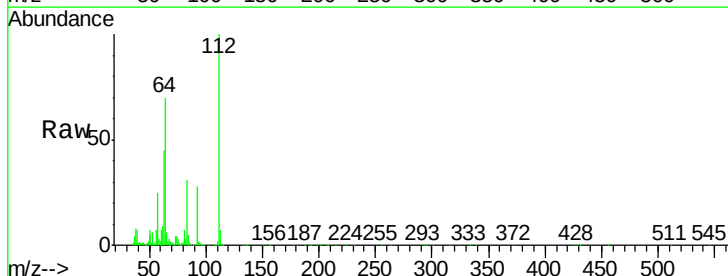
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



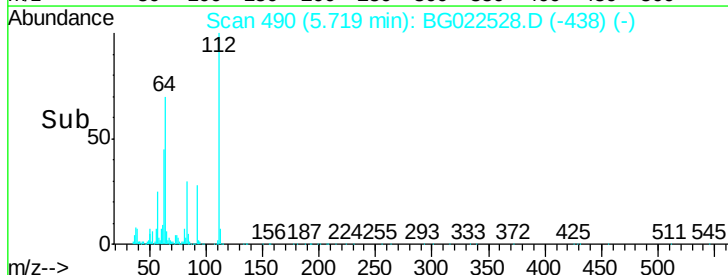
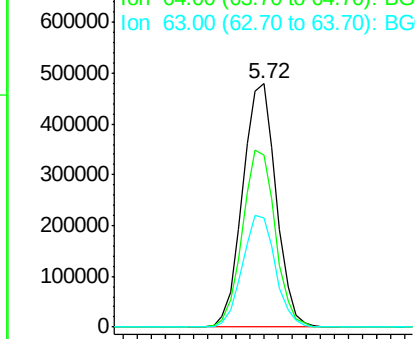
#5

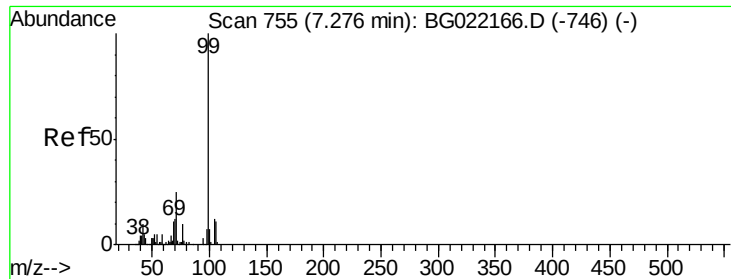
2-Fluorophenol
Concen: 127.04 ng
RT: 5.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG022528.D
Acq: 24 Jun 2016 6:54

Tgt Ion:112 Resp: 793196
Ion Ratio Lower Upper
112 100
64 70.4 59.0 88.4
63 44.6 37.8 56.8



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: 120.74 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

Instrument :

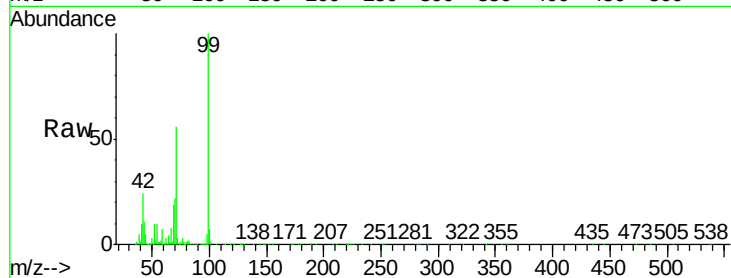
BNA_G

ClientSampleId :

SC-STA-1481(0-4)

Tot Ion: 99 Resp: 1052053

Ion	Ratio	Lower	Upper
99	100		
42	24.3	17.8	26.6
71	55.9	41.5	62.3

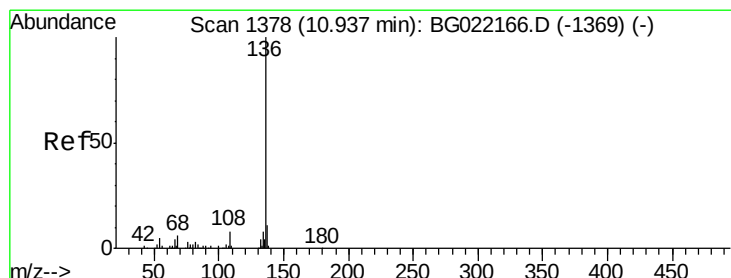
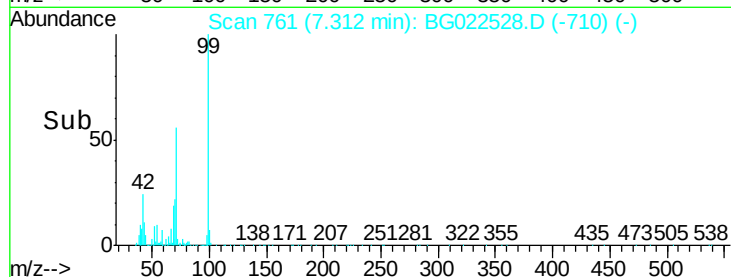
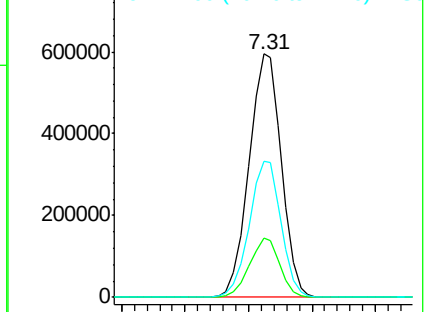


Abundance

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# 1388

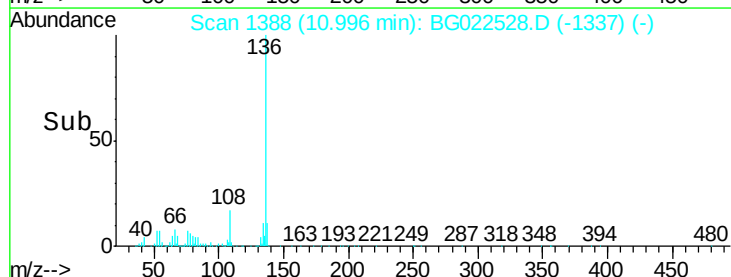
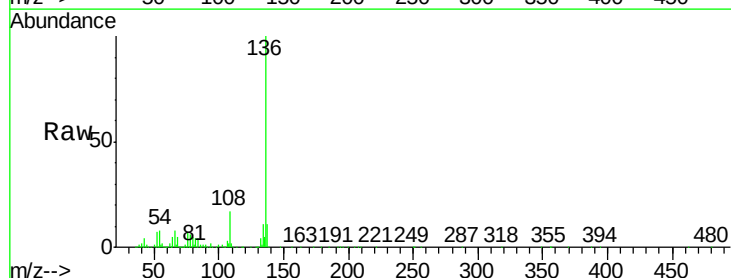
Delta R.T. -0.00 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

Tgt Ion: 136 Resp: 382599

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	7.5	7.3	10.9
68	5.4	5.3	7.9



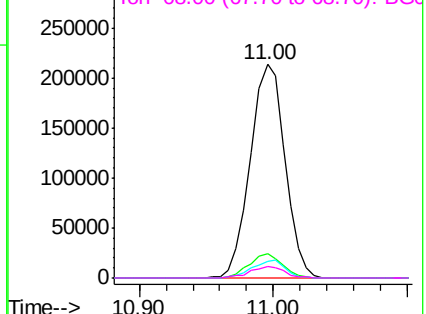
Abundance

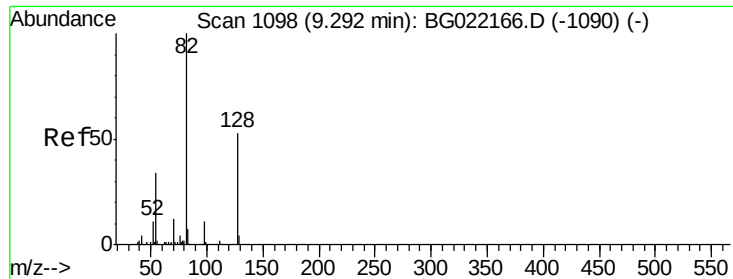
Ion 136.00 (135.70 to 136.70): BGC

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

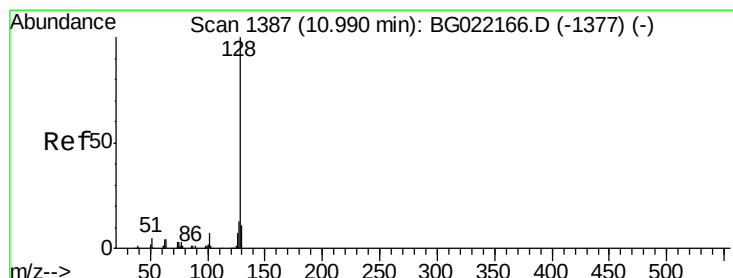
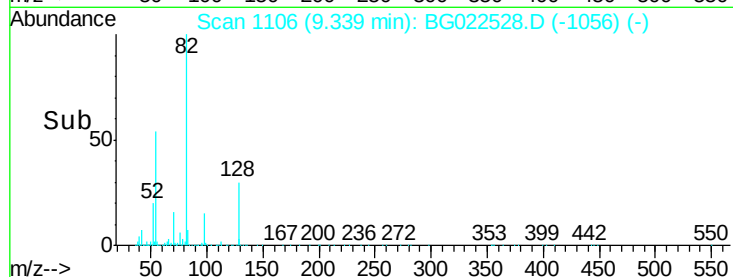
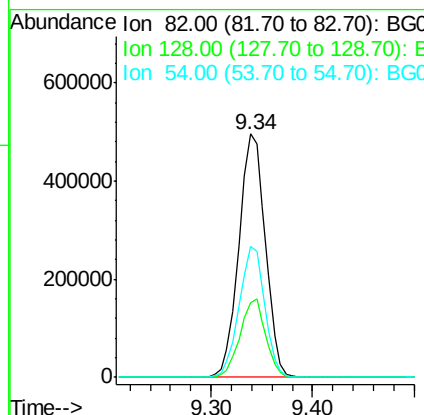
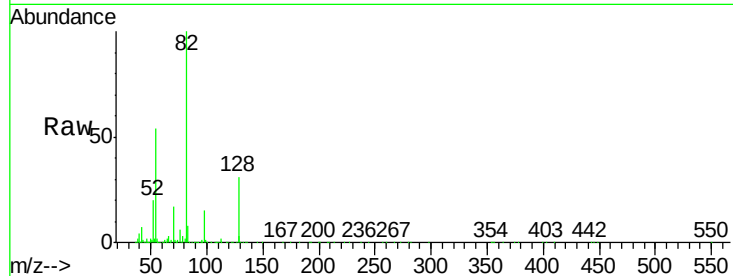




#23
 Nitrobenzene-d5
 Concen: 100.49 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG022528.D
 Acq: 24 Jun 2016 6:54

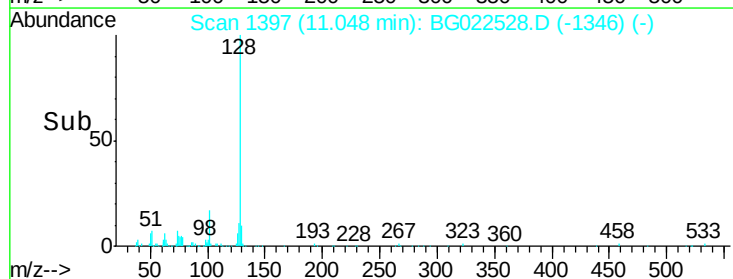
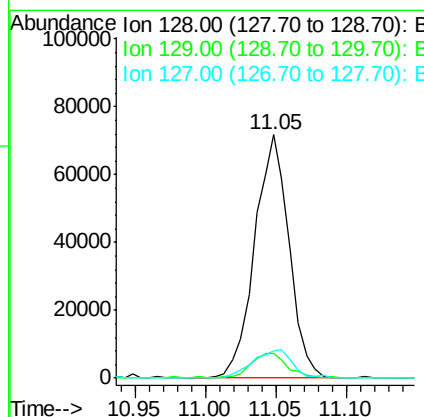
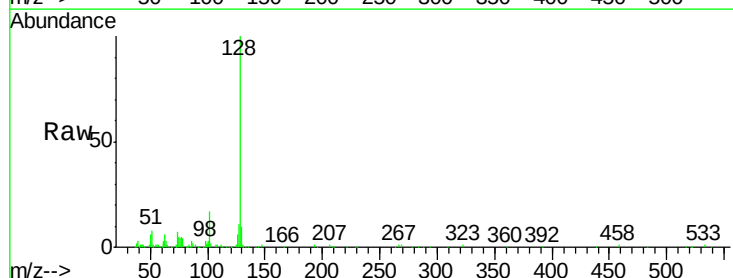
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1481(0-4)

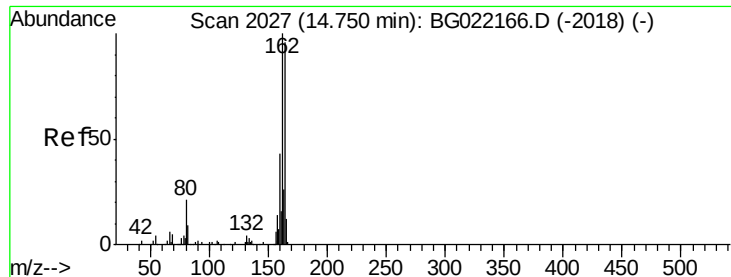
Tot Ion	82	Resp	895859
Ion	Ratio	Lower	Upper
82	100		
128	30.5	24.4	36.6
54	53.6	41.4	62.0



#31
 Naphthalene
 Concen: 6.50 ng
 RT: 11.05 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BG022528.D
 Acq: 24 Jun 2016 6:54

Tgt Ion	128	Resp	122382
Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.4	14.0
127	11.2	11.3	16.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

Instrument :

BNA_G

ClientSampleId :

SC-STA-1481(0-4)

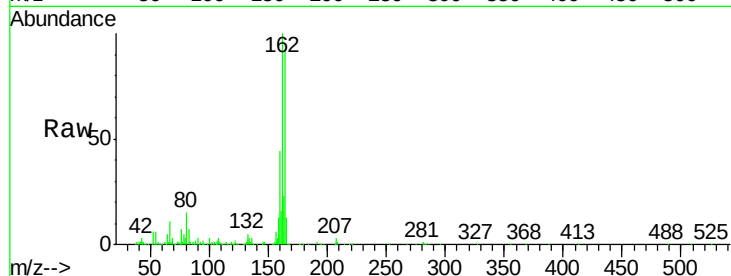
Tot Ion:164 Resp: 252902

Ion Ratio Lower Upper

164 100

162 108.8 87.7 131.5

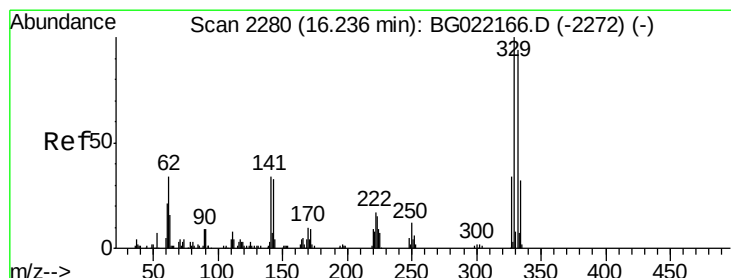
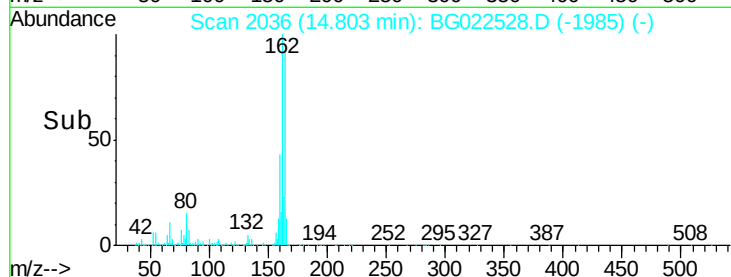
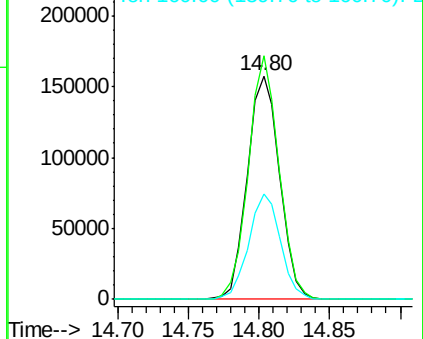
160 47.3 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 163.31 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

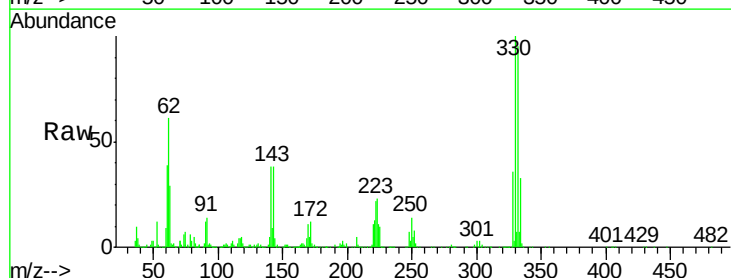
Tgt Ion:330 Resp: 643366

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

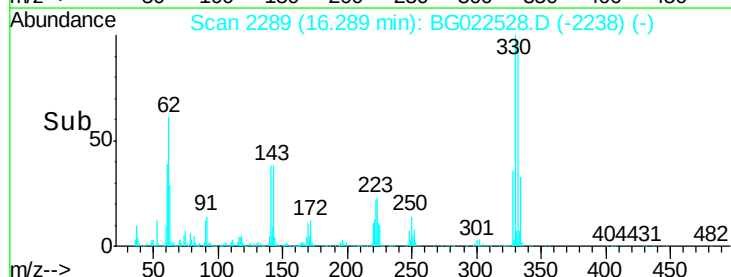
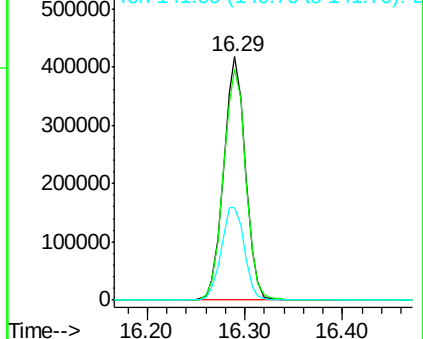
141 40.8 31.7 47.5

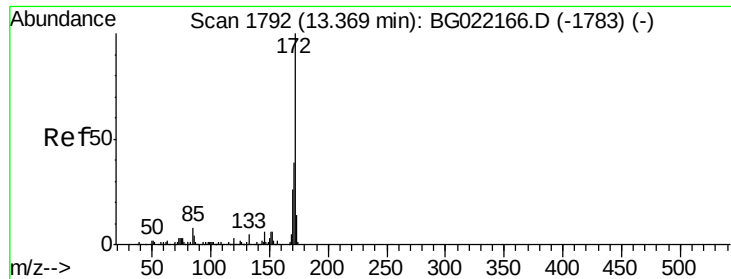


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 104.02 ng

RT: 13.43 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

Instrument :

BNA_G

ClientSampleId :

SC-STA-1481(0-4)

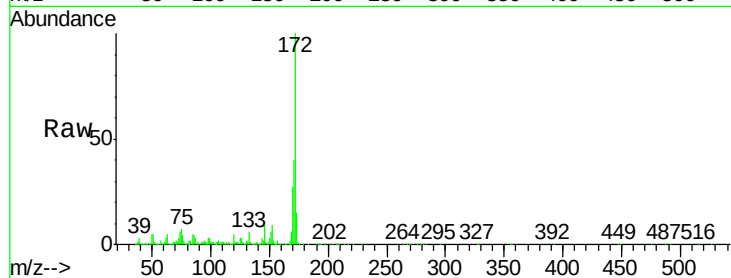
Tot Ion:172 Resp: 1721783

Ion Ratio Lower Upper

172 100

171 39.8 31.6 47.4

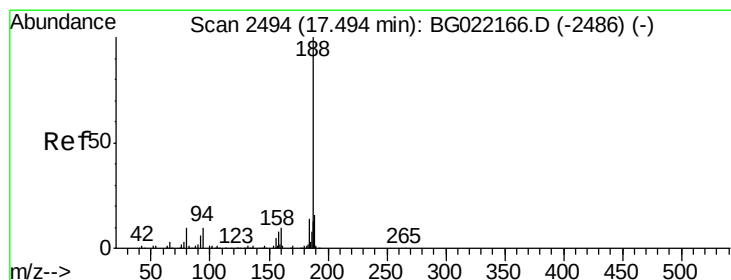
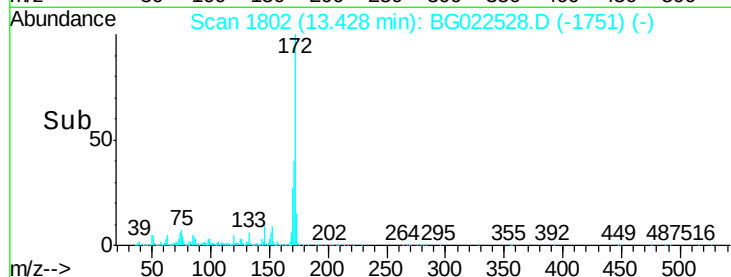
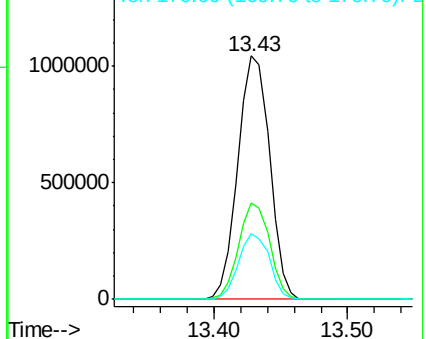
170 26.8 21.3 31.9



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. -0.00 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

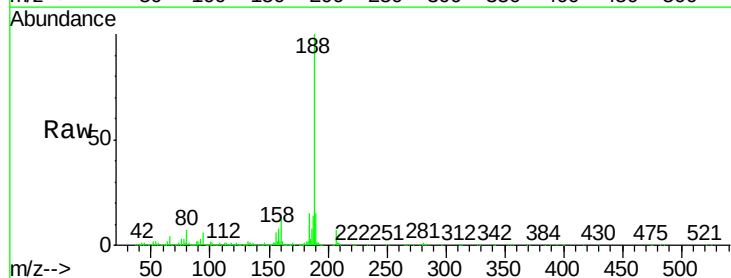
Tgt Ion:188 Resp: 658275

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

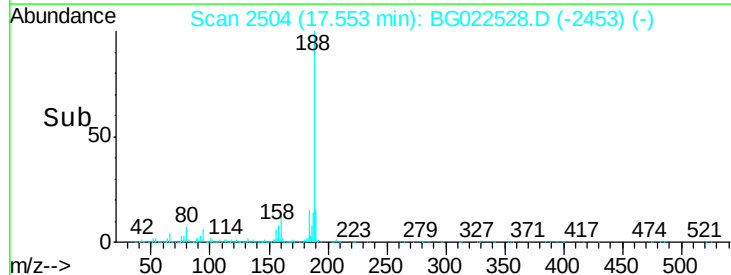
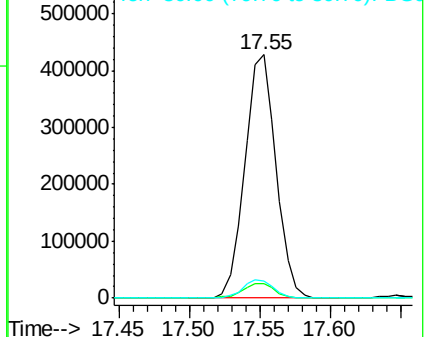
80 7.1 7.2 10.8#

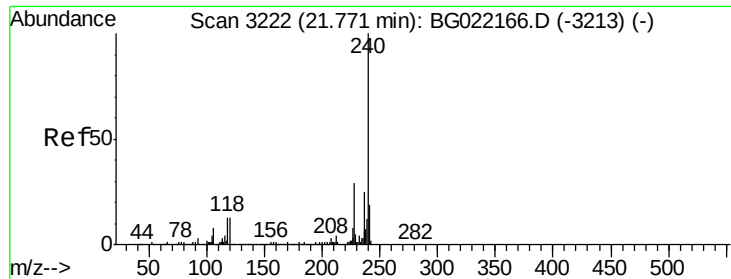


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

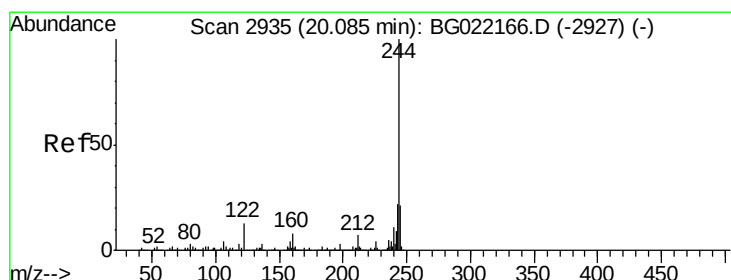
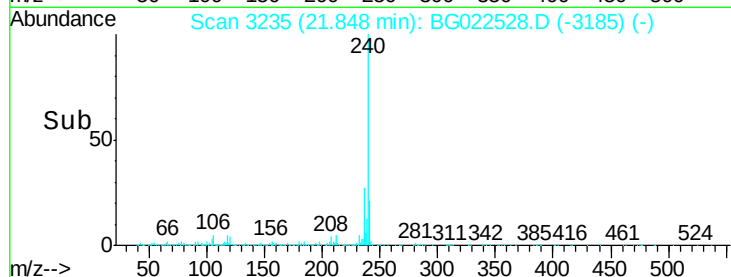
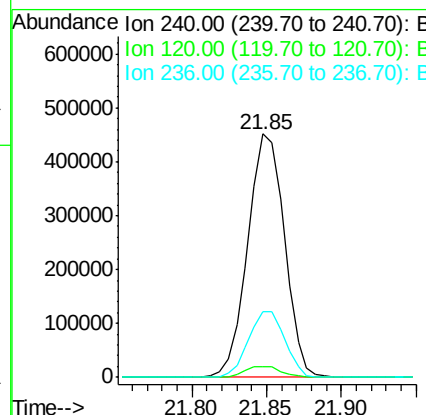
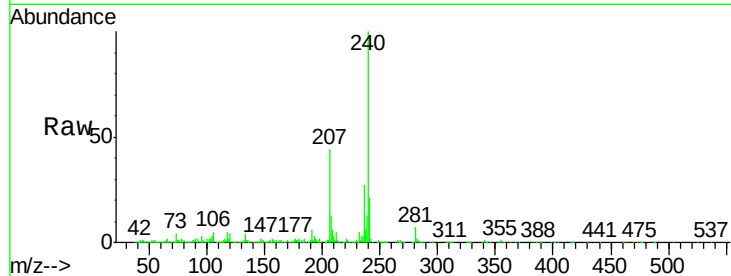




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG022528.D
Acq: 24 Jun 2016 6:54

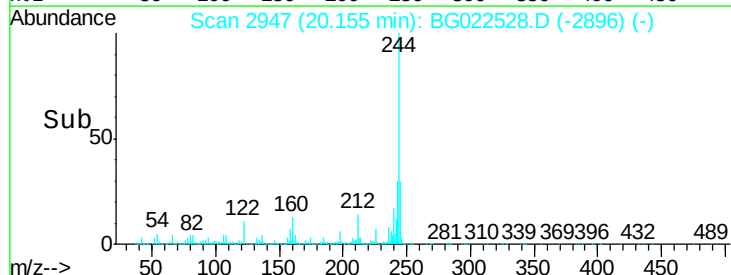
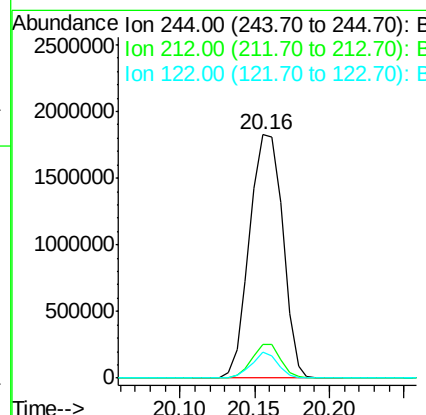
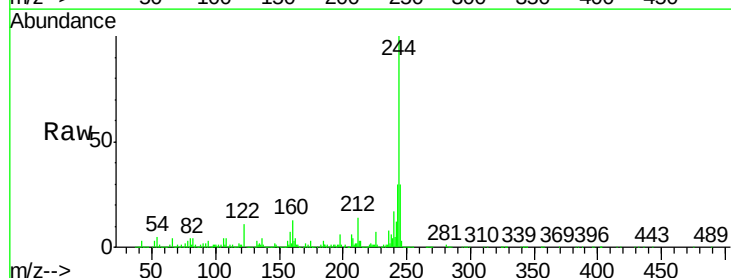
Instrument :
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SC-STA-1481(0-4)

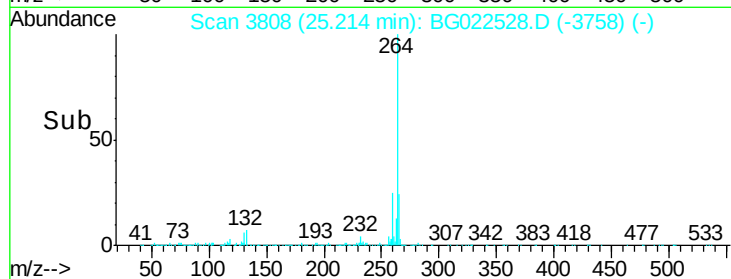
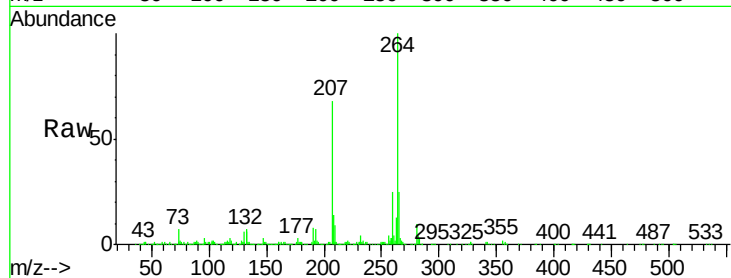
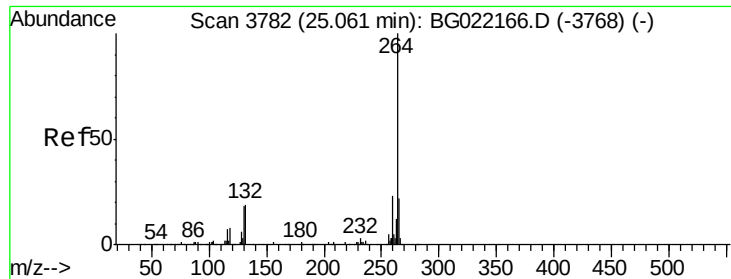
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.1	4.1	6.1
236	27.2	21.1	31.7



#78
Terphenyl-d14
Concen: 119.27 ng
RT: 20.16 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG022528.D
Acq: 24 Jun 2016 6:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	14.0	10.8	16.2
122	10.6	8.0	12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. -0.01 min
Lab File: BG022528.D
Acq: 24 Jun 2016 6:54

Instrument :
BNA_G
ClientSampleId :
SC-STA-1481(0-4)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.4	27.6
265	25.3	18.9	28.3

