

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
 Data File : BG022529.D
 Acq On : 24 Jun 2016 7:34
 Operator : UM/SJ
 Sample : H3625-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1486(0-4)

Quant Time: Jun 24 18:00:27 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	8.17	152	93004	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	379506	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	130526	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	506800	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	121421	20.00	ng	-0.02
86) Perylene-d12	25.22	264	3902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	773826	134.74	ng	0.00
7) Phenol-d6	7.31	99	790801	98.35	ng	0.00
23) Nitrobenzene-d5	9.34	82	870571	98.22	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	606676	299.51	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1711190	200.10	ng	-0.02
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

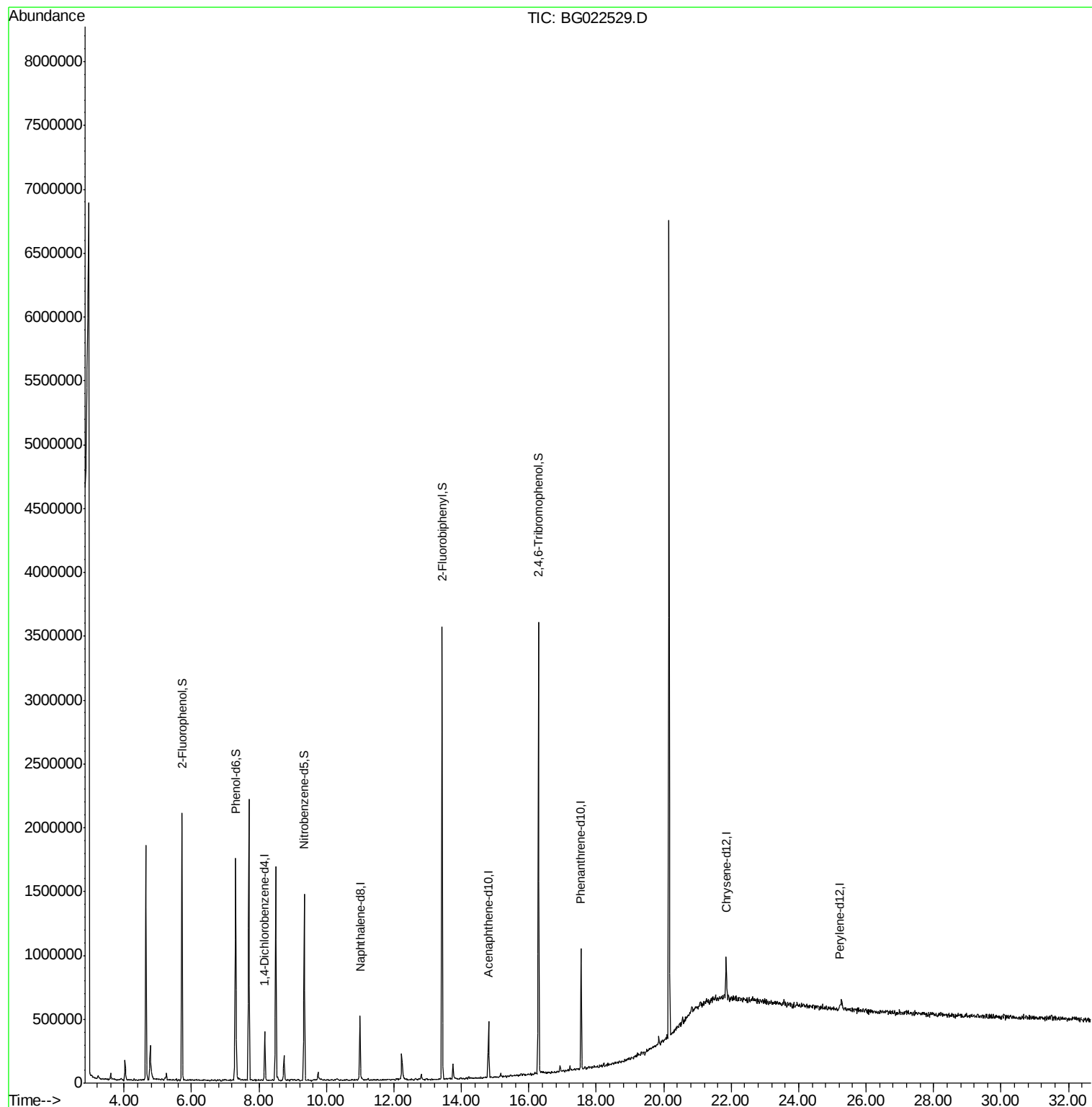
Target Compounds Qvalue

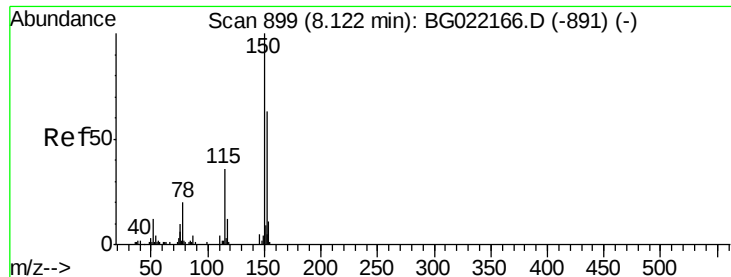
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG022529.D

Acq: 24 Jun 2016 7:34

Instrument :

BNA_G

ClientSampleId :

SC-STA-1486(0-4)

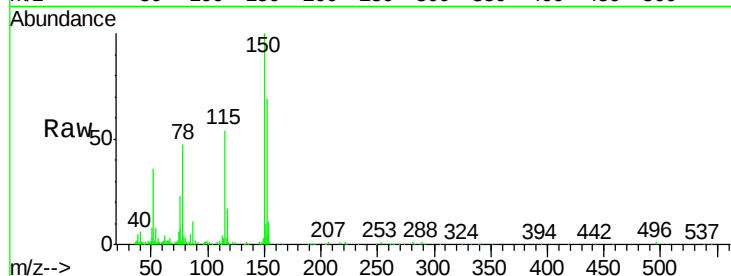
Tot Ion:152 Resp: 93004

Ion Ratio Lower Upper

152 100

150 144.1 144.7 217.1#

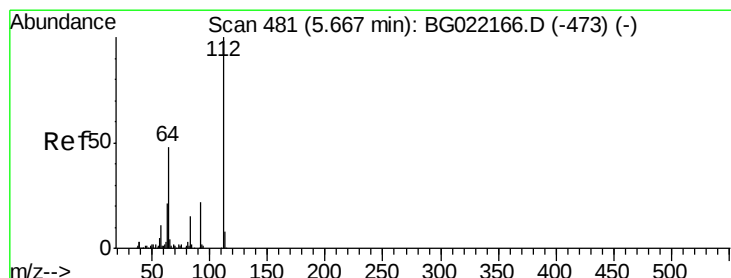
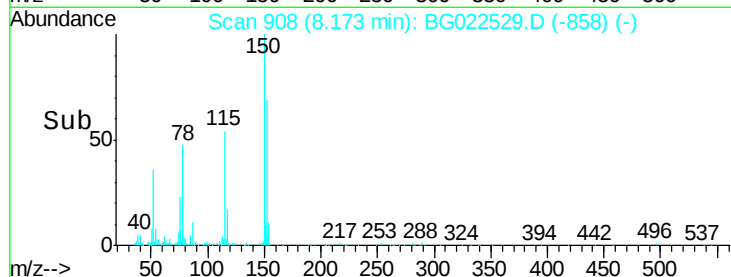
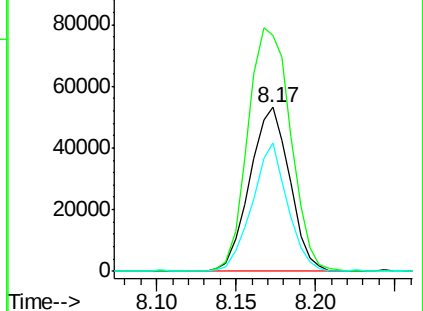
115 78.2 64.0 96.0



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: 134.74 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG022529.D

Acq: 24 Jun 2016 7:34

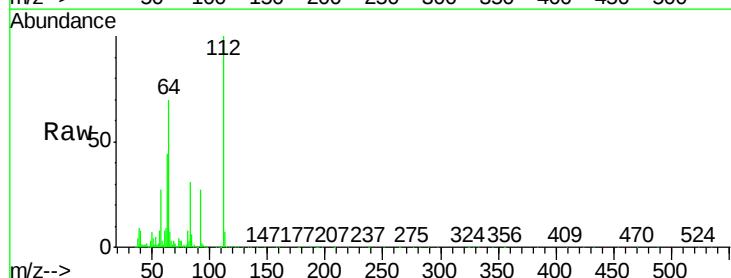
Tgt Ion:112 Resp: 773826

Ion Ratio Lower Upper

112 100

64 69.7 59.0 88.4

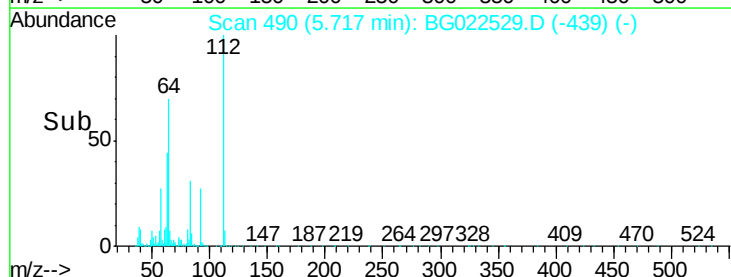
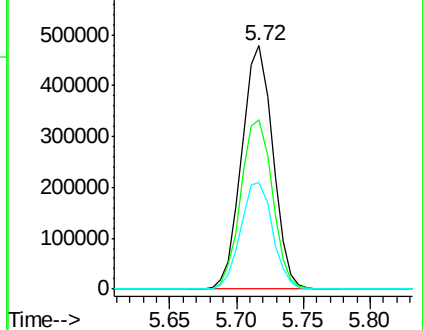
63 44.0 37.8 56.8

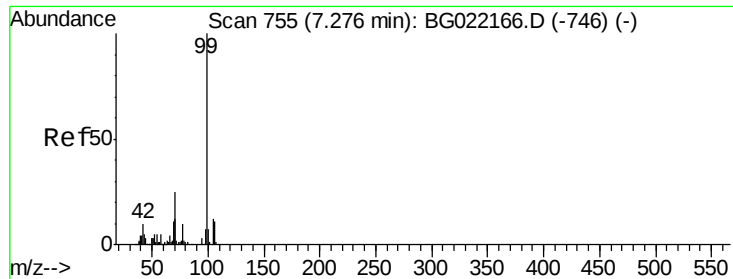


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 98.35 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG022529.D

Acq: 24 Jun 2016 7:34

Instrument :

BNA_G

ClientSampleId :

SC-STA-1486(0-4)

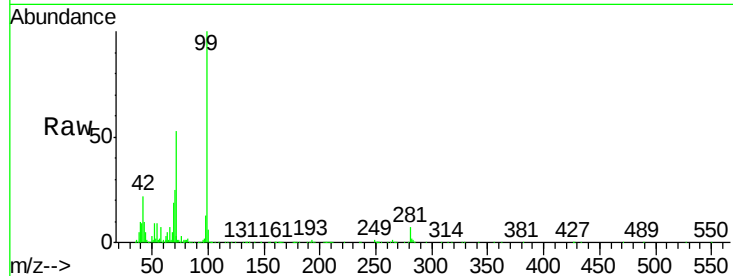
Tot Ion: 99 Resp: 790801

Ion Ratio Lower Upper

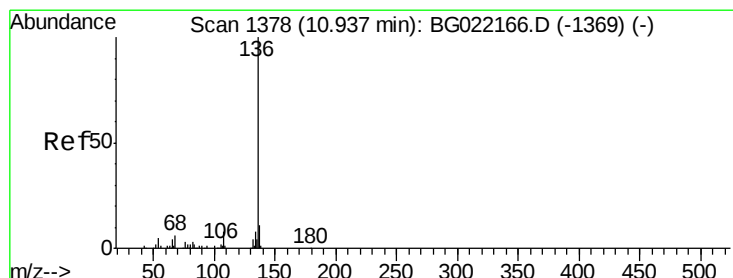
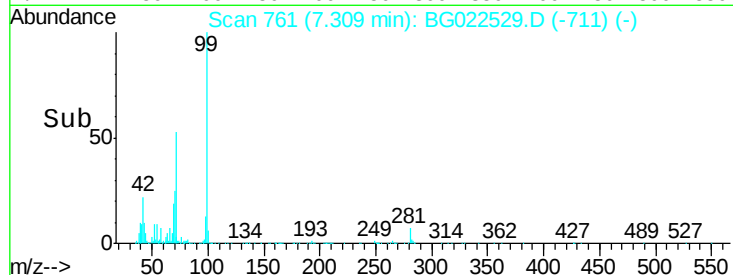
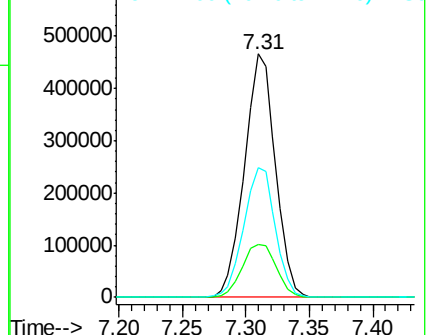
99 100

42 21.7 17.8 26.6

71 53.3 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: 10.99 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BG022529.D

Acq: 24 Jun 2016 7:34

Tgt Ion: 136 Resp: 379506

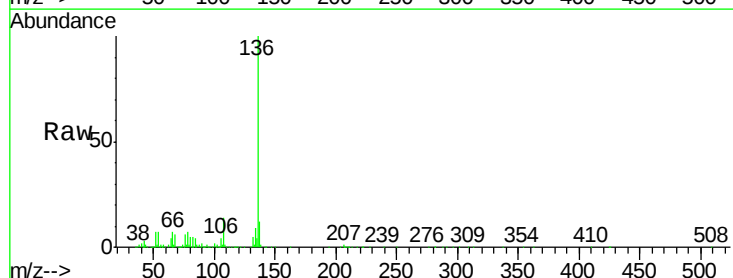
Ion Ratio Lower Upper

136 100

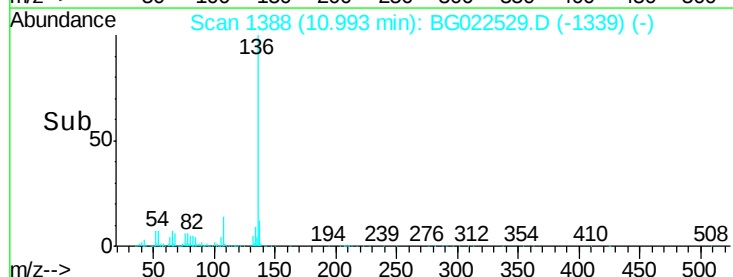
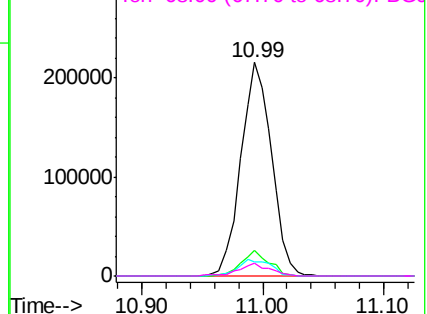
137 11.9 9.6 14.4

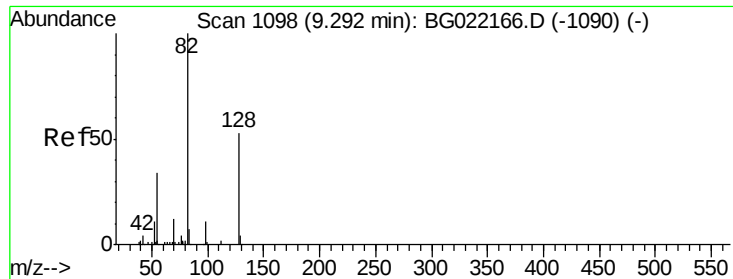
54 6.8 7.3 10.9#

68 5.7 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

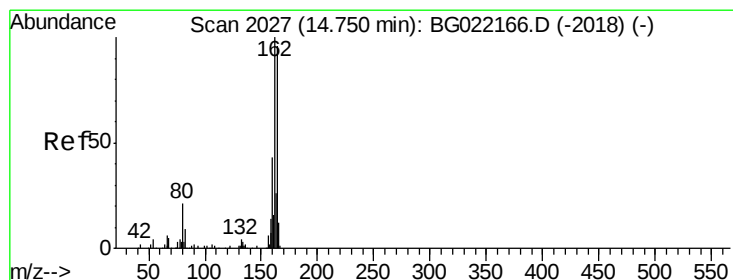
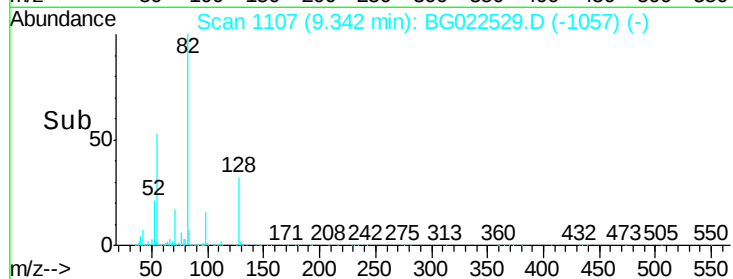
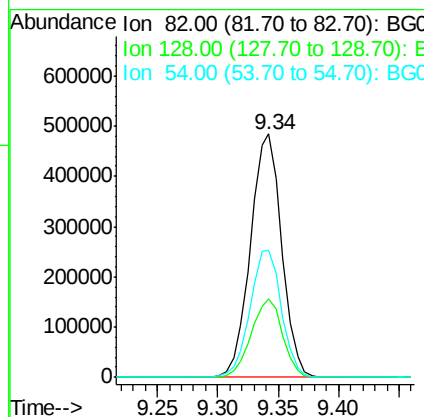
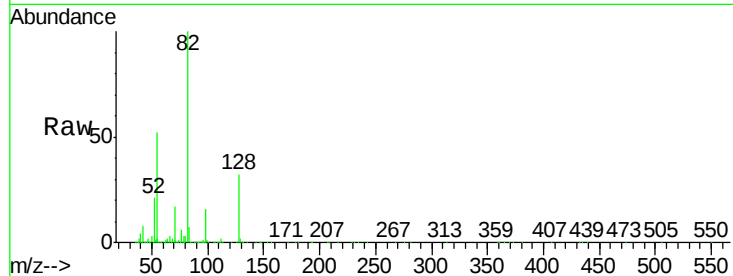




#23
 Nitrobenzene-d5
 Concen: 98.22 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG022529.D
 Acq: 24 Jun 2016 7:34

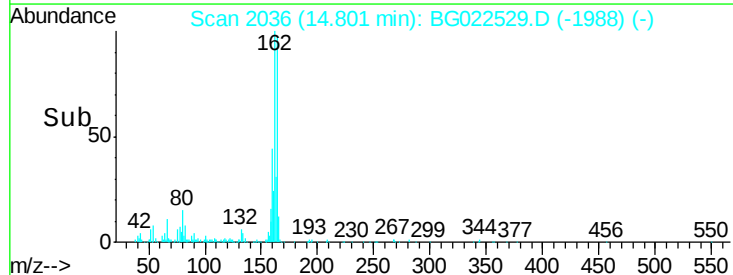
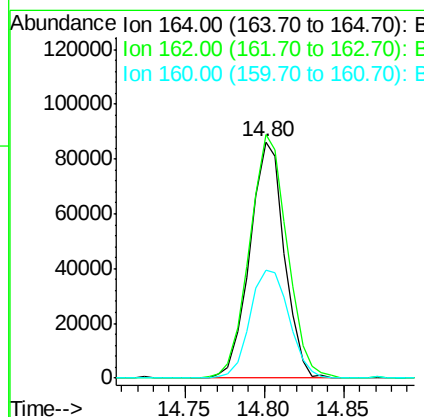
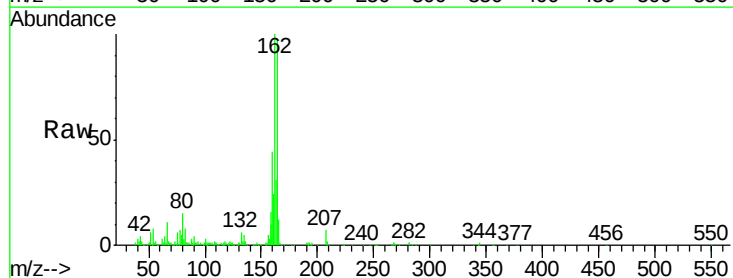
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1486(0-4)

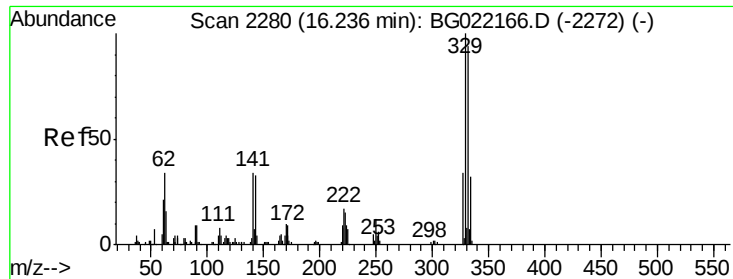
Tot Ion	82	Resp	870571
Ion Ratio	Lower	Upper	
82	100		
128	32.4	24.4	36.6
54	52.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BG022529.D
 Acq: 24 Jun 2016 7:34

Tgt Ion	164	Resp	130526
Ion Ratio	Lower	Upper	
164	100		
162	103.1	87.7	131.5
160	45.7	37.2	55.8

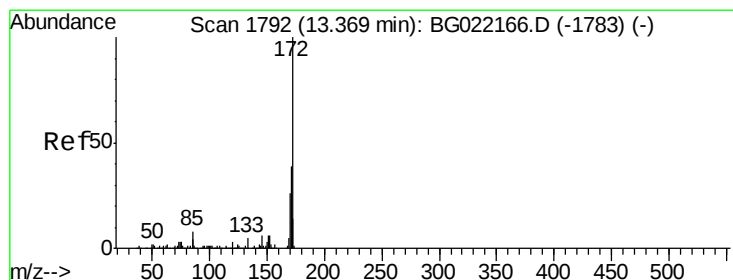
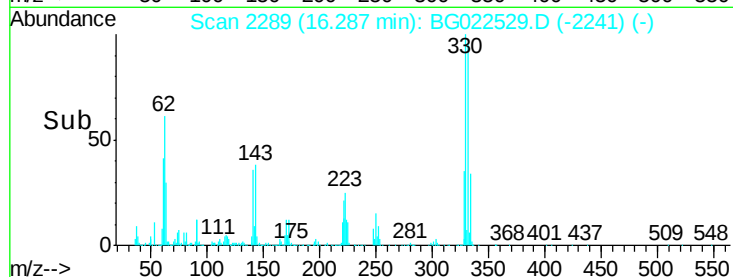
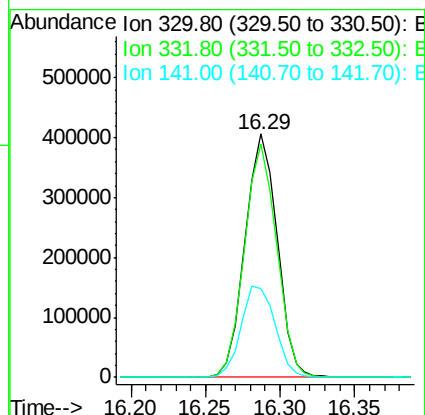
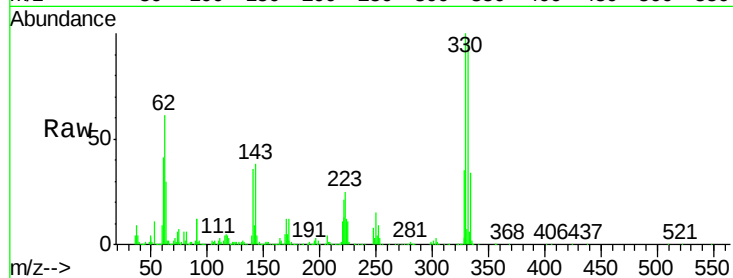




#41
 2,4,6-Tribromophenol
 Concen: 299.51 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG022529.D
 Acq: 24 Jun 2016 7:34

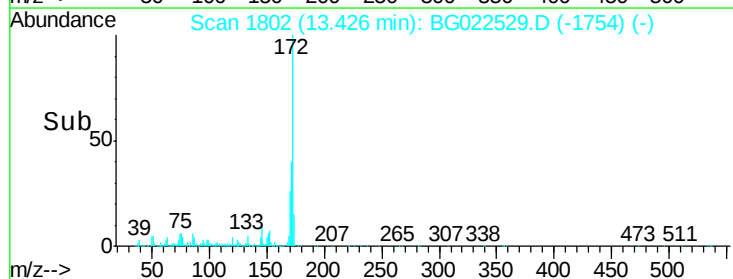
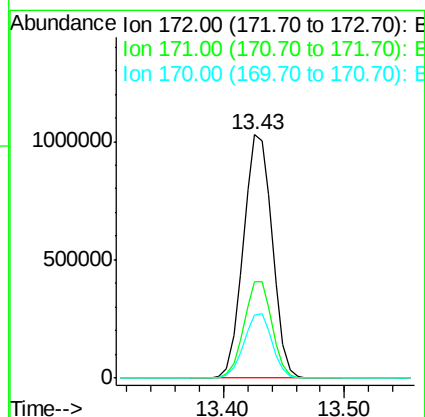
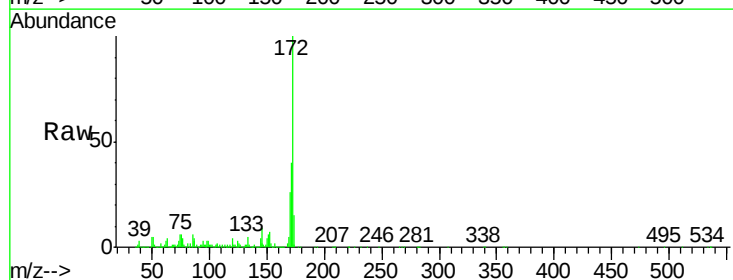
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1486(0-4)

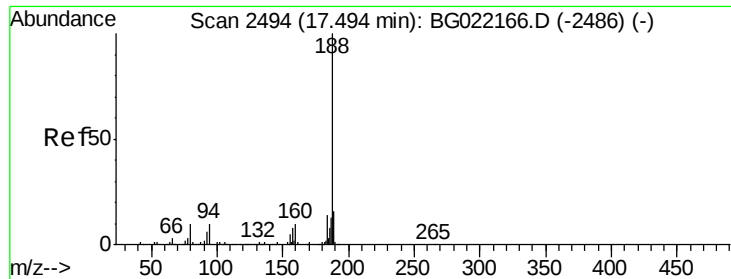
Tot Ion:330 Resp: 606676
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 39.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 200.10 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG022529.D
 Acq: 24 Jun 2016 7:34

Tgt Ion:172 Resp: 1711190
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.6 47.4
 170 26.0 21.3 31.9

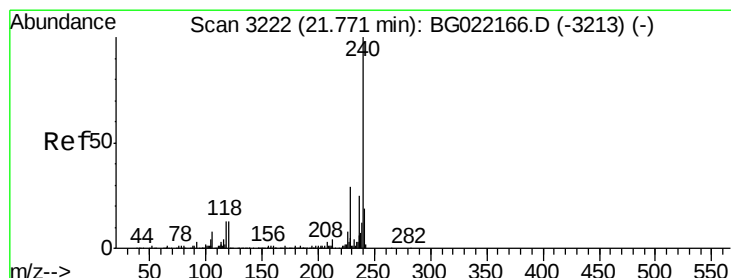
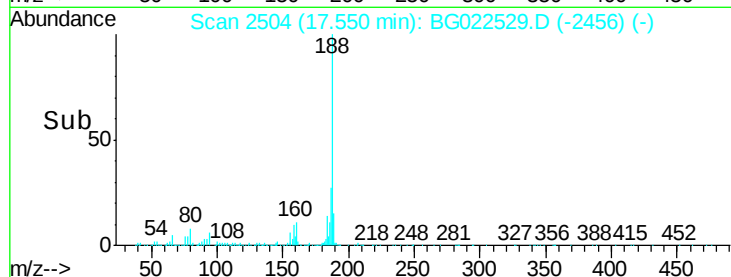
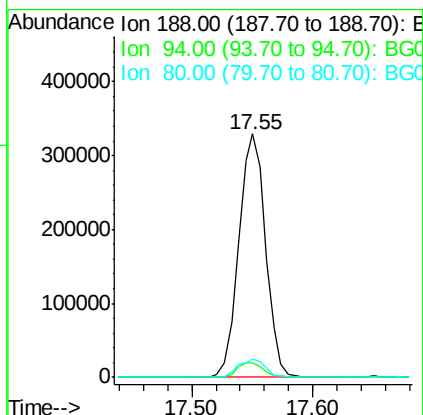
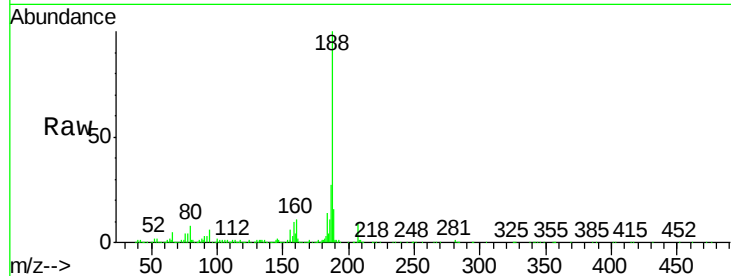




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG022529.D
Acq: 24 Jun 2016 7:34

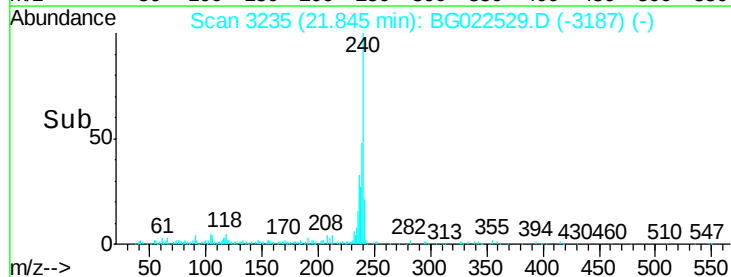
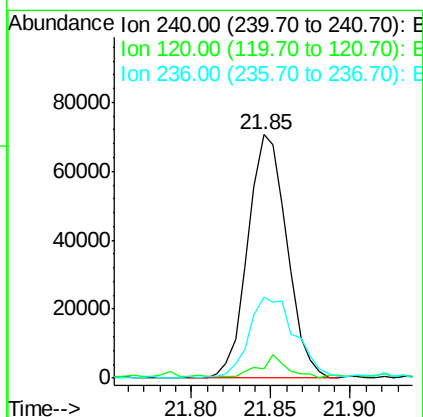
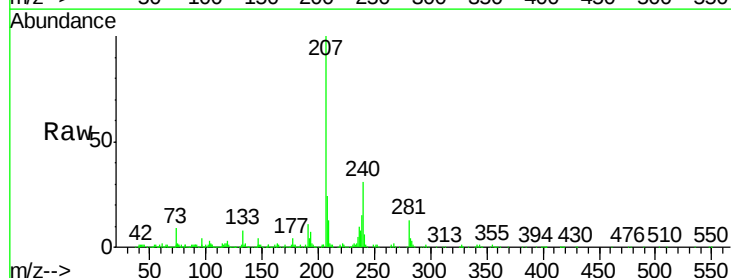
Instrument :
BNA_G
ClientSampleId :
SC-STA-1486(0-4)

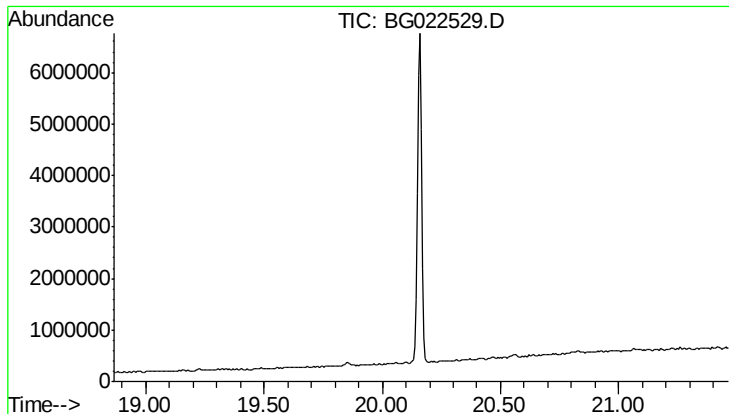
Tot Ion:188 Resp: 506800
Ion Ratio Lower Upper
188 100
94 5.7 5.2 7.8
80 7.7 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG022529.D
Acq: 24 Jun 2016 7:34

Tgt Ion:240 Resp: 121421
Ion Ratio Lower Upper
240 100
120 3.9 4.1 6.1#
236 33.4 21.1 31.7#





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 20.16 min

Lab File: BG022529.D

Acq: 24 Jun 2016 7:34

Instrument :

BNA_G

ClientSampleId :

SC-STA-1486(0-4)

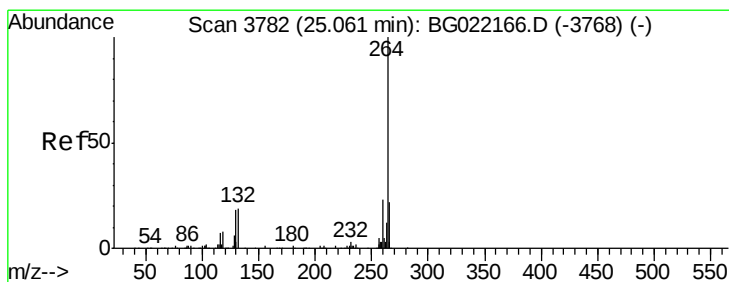
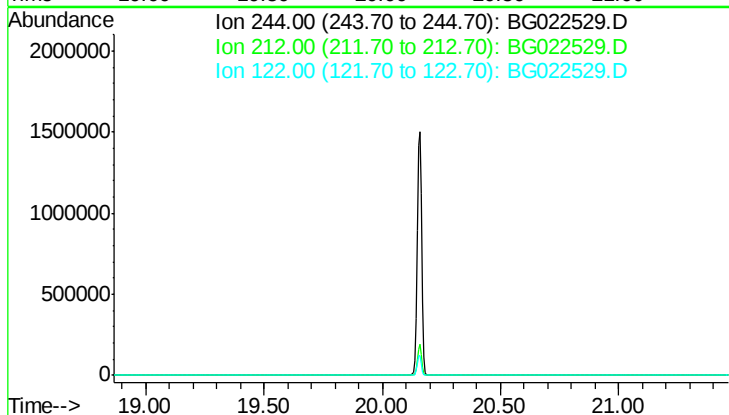
Tot Ion: 244

Sig Exp Ratio

244 100

212 13.5

122 10.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3809

Delta R.T. -0.01 min

Lab File: BG022529.D

Acq: 24 Jun 2016 7:34

Tgt Ion: 264 Resp: 3902

Ion Ratio Lower Upper

264 100

260 127.0 18.4 27.6#

265 208.4 18.9 28.3#

