

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
 Data File : BG022281.D
 Acq On : 10 Jun 2016 5:51
 Operator : UM/SJ
 Sample : H3396-06
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STA-953-PLATFORM(0-4)

Quant Time: Jun 10 07:42:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

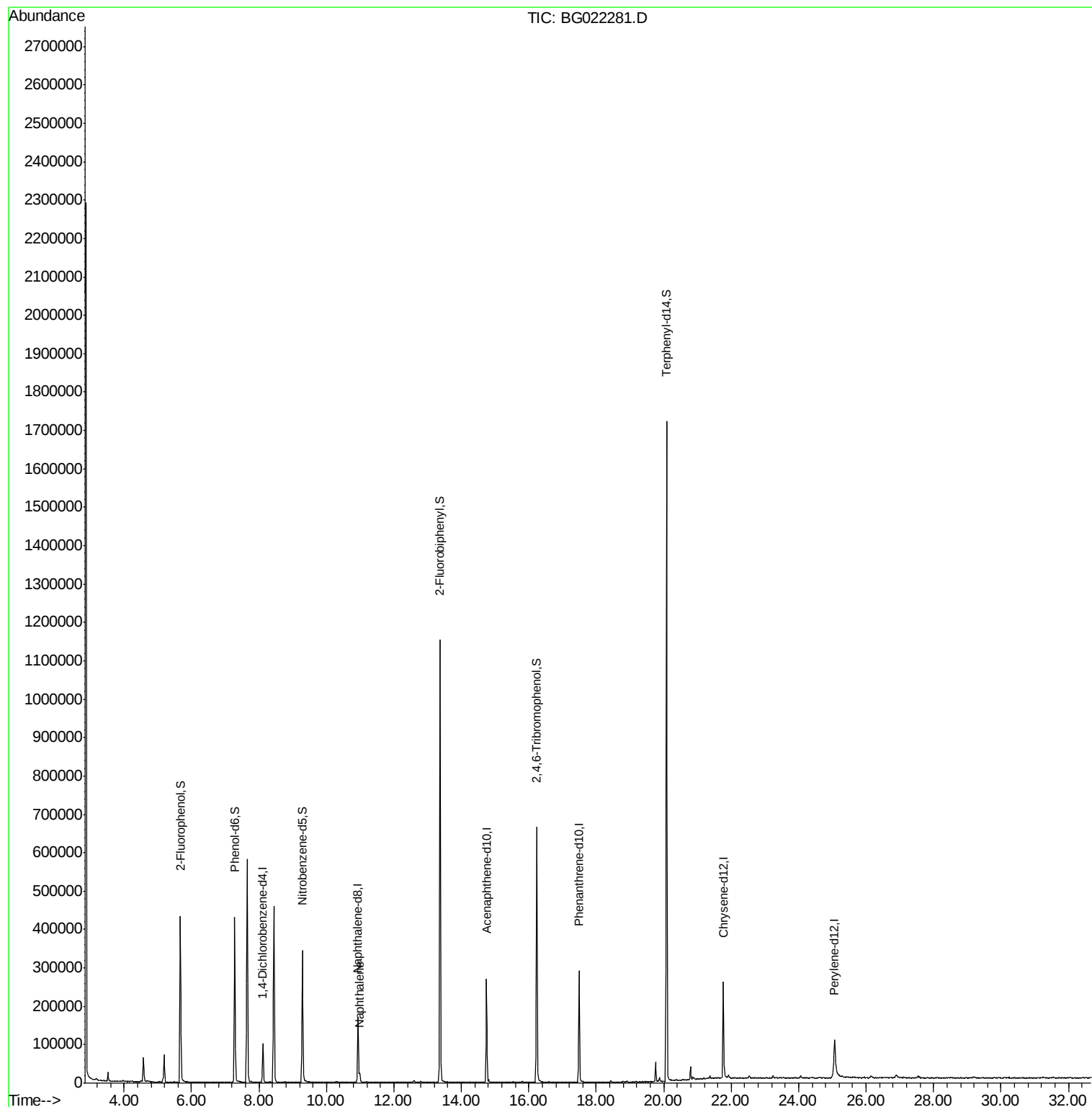
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37506	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	189939	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	103249	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	205519	20.00	ng	0.00
75) Chrysene-d12	21.76	240	177313	20.00	ng	0.00
86) Perylene-d12	25.07	264	139208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	280857	144.78	ng	0.00
7) Phenol-d6	7.28	99	371303	121.74	ng	0.00
23) Nitrobenzene-d5	9.29	82	266996	98.00	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	155698	133.46	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	702684	103.72	ng	0.00
78) Terphenyl-d14	20.08	244	800570	107.19	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	27473	2.90	ng	Qvalue # 96

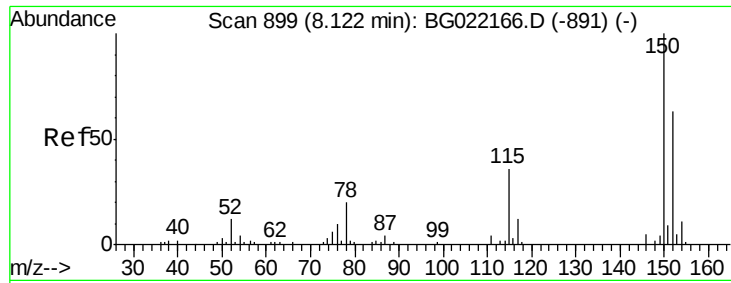
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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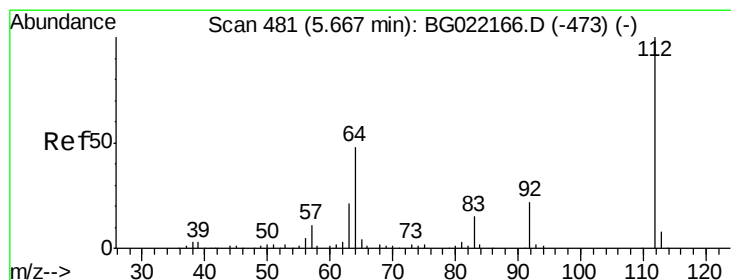
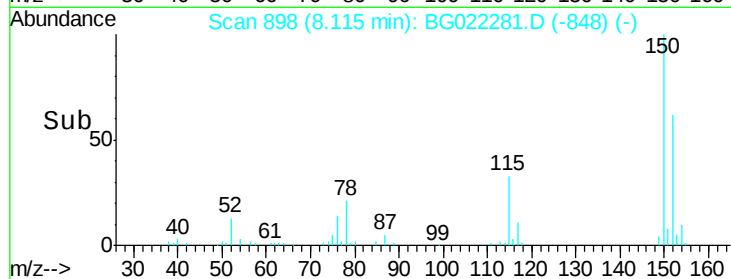
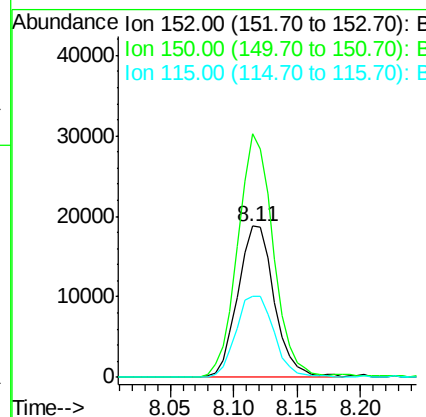
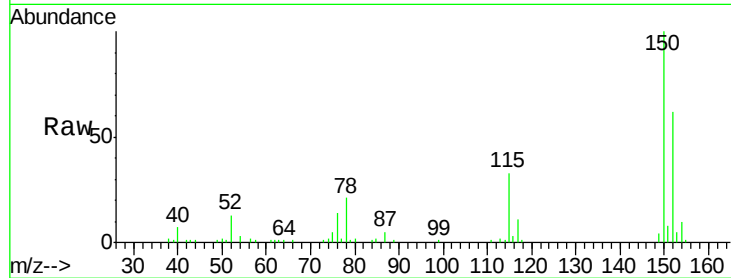




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BG022281.D
 Acq: 10 Jun 2016 5:51

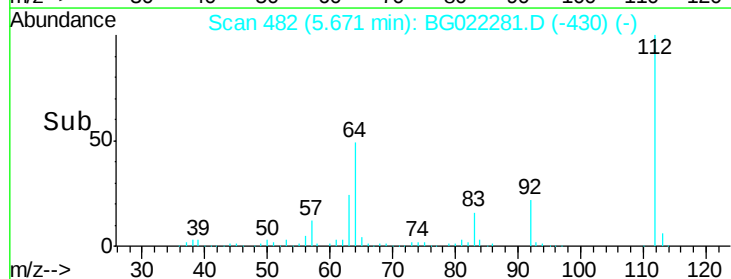
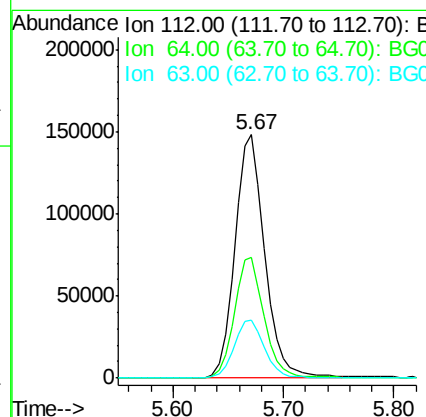
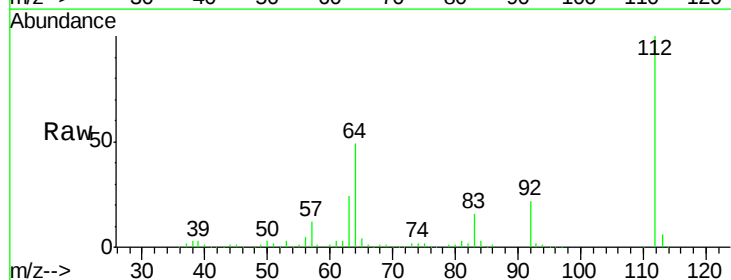
Instrument :
 BNA_G
 ClientSampleId :
 STA-953-PLATFORM(0-4)

Tgt Ion:152 Resp: 37506
 Ion Ratio Lower Upper
 152 100
 150 161.2 130.1 195.1
 115 53.3 62.2 93.2#



#5
 2-Fluorophenol
 Concen: 144.78 ng
 RT: 5.67 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BG022281.D
 Acq: 10 Jun 2016 5:51

Tgt Ion:112 Resp: 280857
 Ion Ratio Lower Upper
 112 100
 64 49.4 51.1 76.7#
 63 23.7 24.6 37.0#





#7

Phenol-d6

Concen: 121.74 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

Instrument :

BNA_G

ClientSampleId :

STA-953-PLATFORM(0-4)

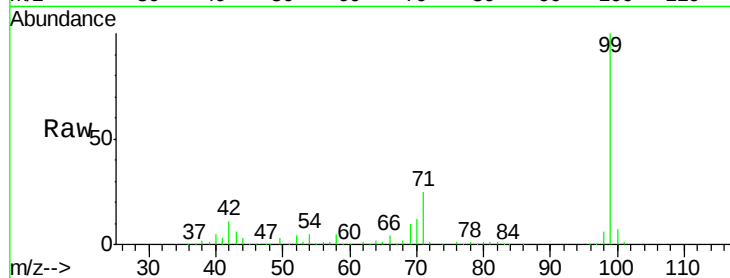
Tgt Ion: 99 Resp: 371303

Ion Ratio Lower Upper

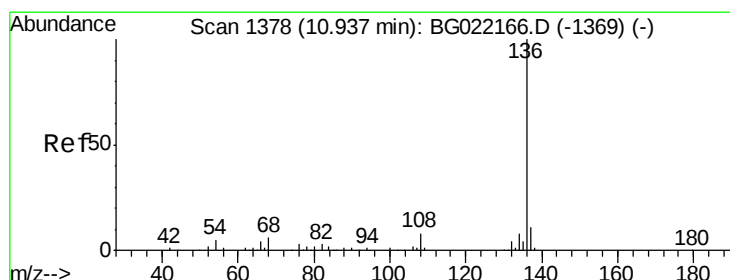
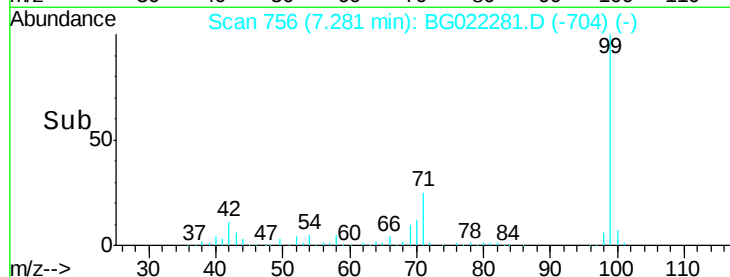
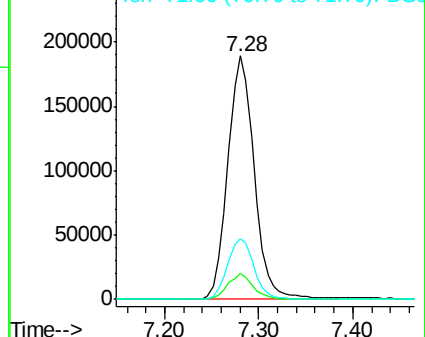
99 100

42 10.6 16.4 24.6#

71 25.0 25.0 37.4



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: 20.00 ng

RT: 10.94 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

Tgt Ion: 136 Resp: 189939

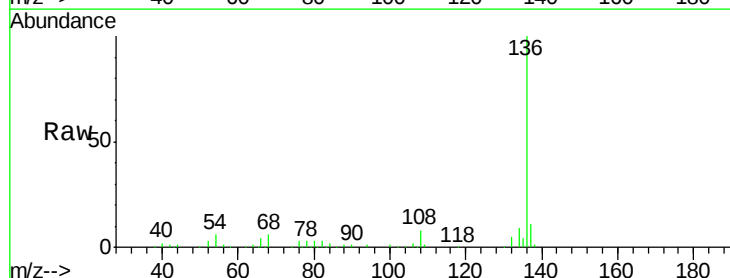
Ion Ratio Lower Upper

136 100

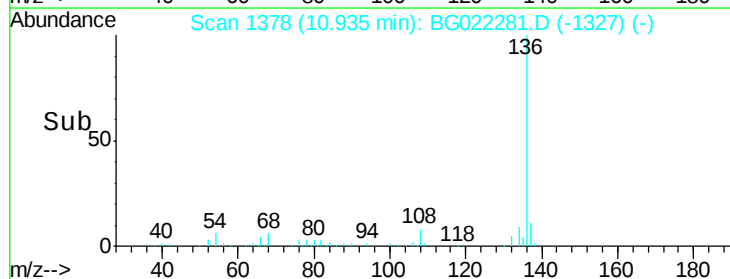
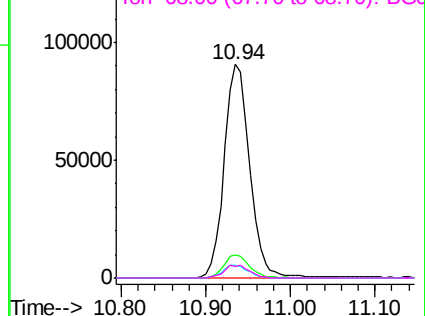
137 11.0 9.0 13.4

54 5.9 9.6 14.4#

68 5.7 6.4 9.6#



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

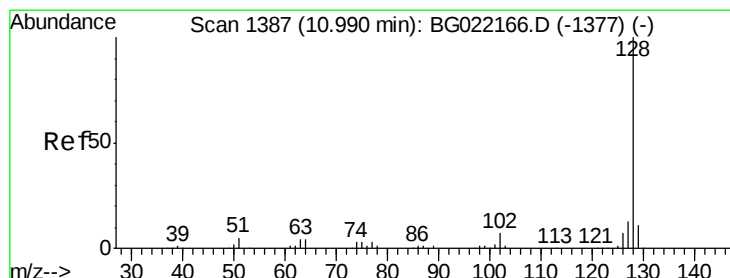
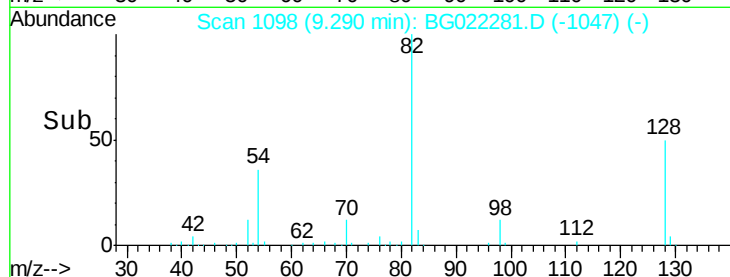
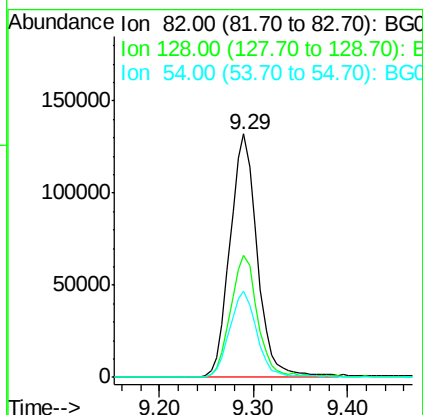
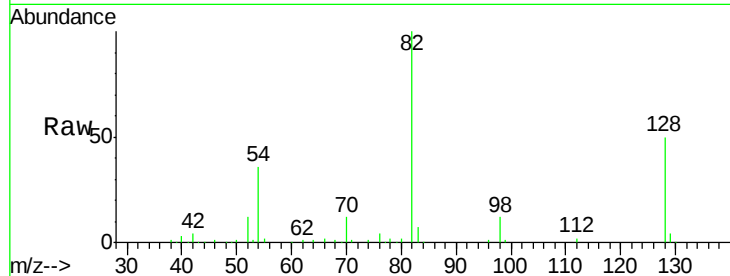




#23
 Nitrobenzene-d5
 Concen: 98.00 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022281.D
 Acq: 10 Jun 2016 5:51

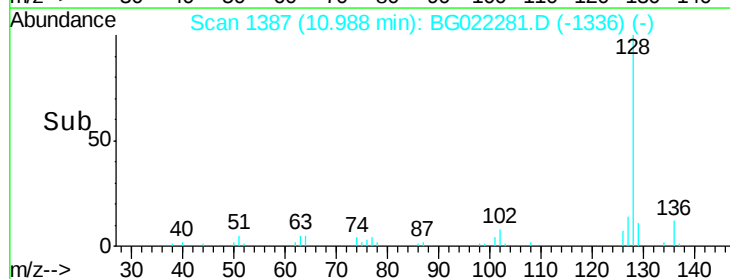
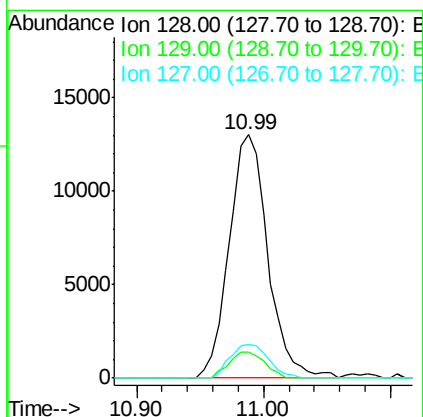
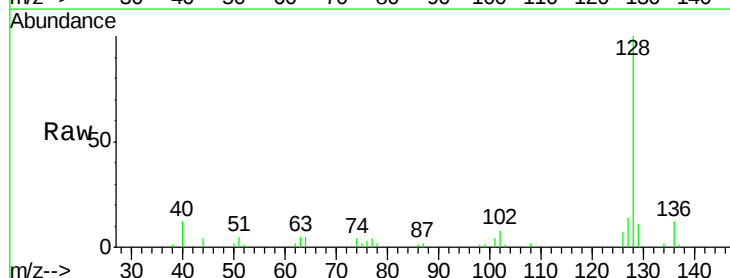
Instrument :
 BNA_G
 ClientSampleId :
 STA-953-PLATFORM(0-4)

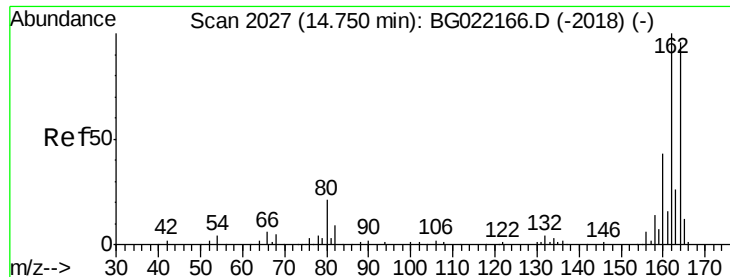
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.3	33.4	50.0#
54	35.6	46.1	69.1#



#31
 Naphthalene
 Concen: 2.90 ng
 RT: 10.99 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BG022281.D
 Acq: 10 Jun 2016 5:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	7.0	10.6#
127	13.8	10.1	15.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

Instrument :

BNA_G

ClientSampleId :

STA-953-PLATFORM(0-4)

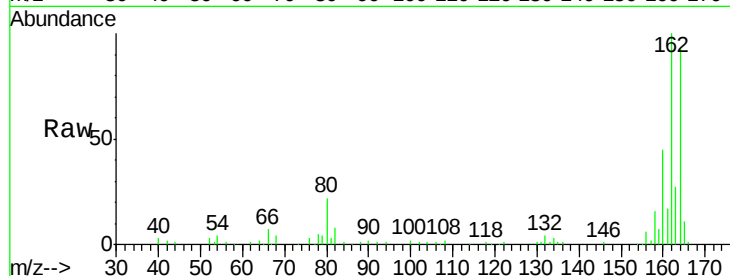
Tgt Ion:164 Resp: 103249

Ion Ratio Lower Upper

164 100

162 107.2 78.0 117.0

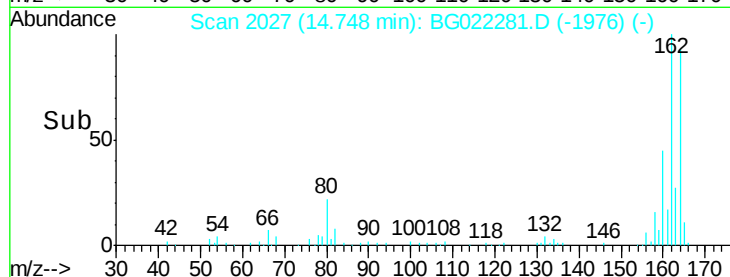
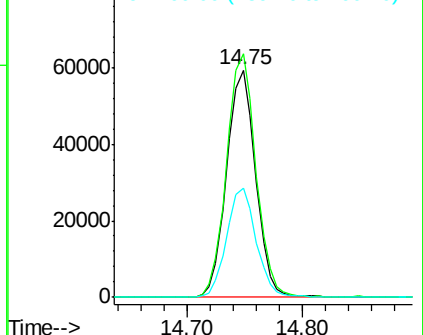
160 48.3 32.9 49.3



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: 133.46 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

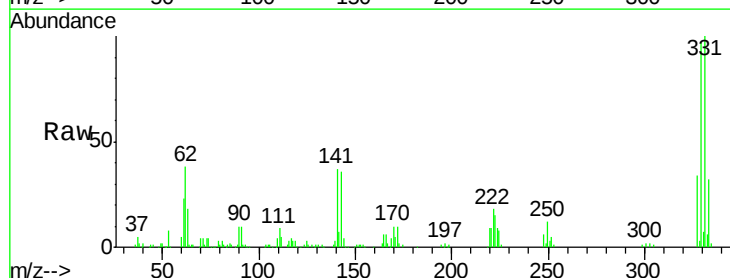
Tgt Ion:330 Resp: 155698

Ion Ratio Lower Upper

330 100

332 95.4 78.0 117.0

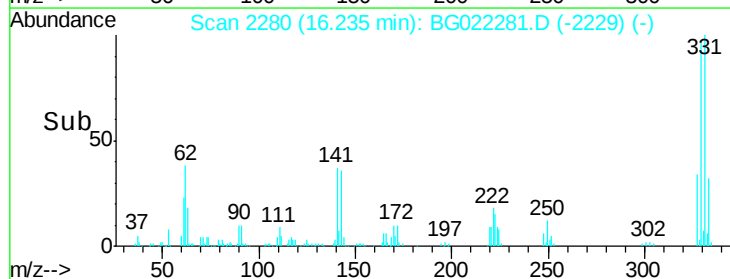
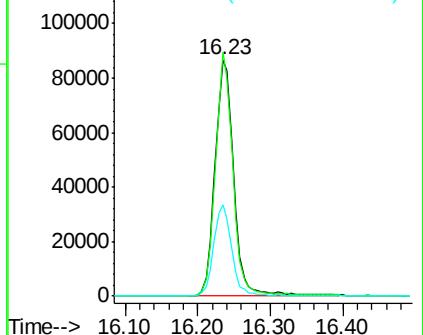
141 37.1 33.8 50.8

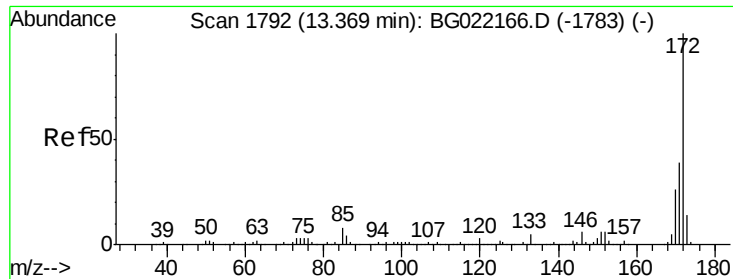


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

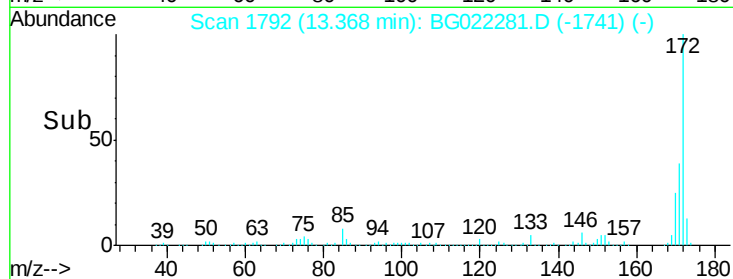
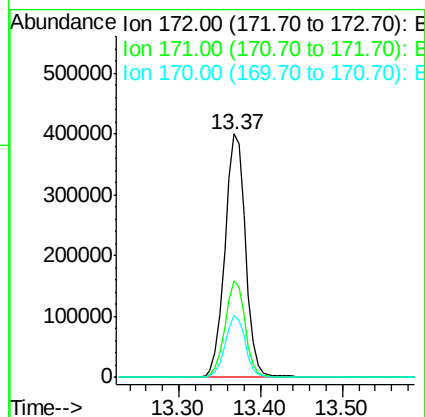
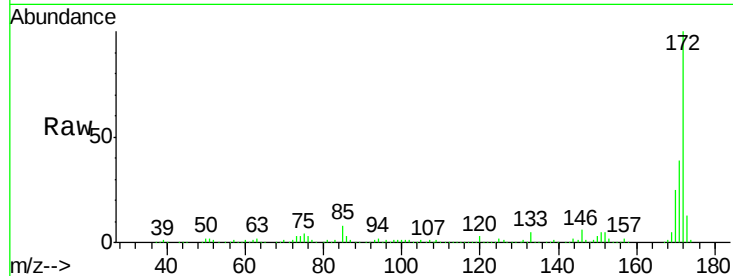




#44
 2-Fluorobiphenyl
 Concen: 103.72 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022281.D
 Acq: 10 Jun 2016 5:51

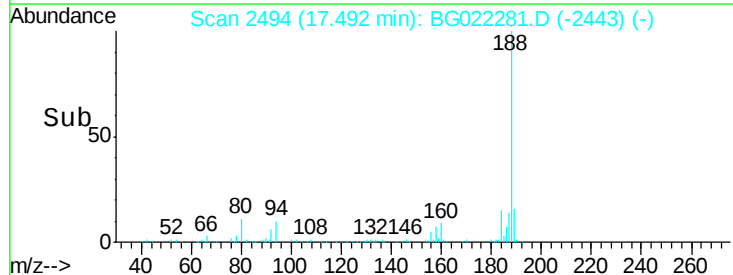
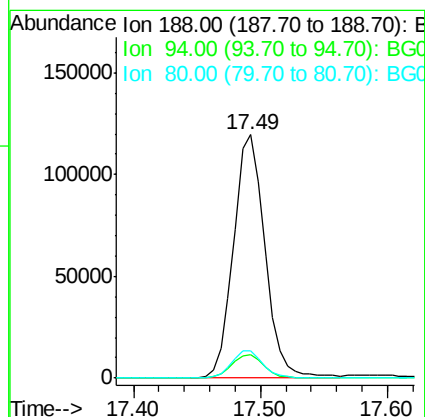
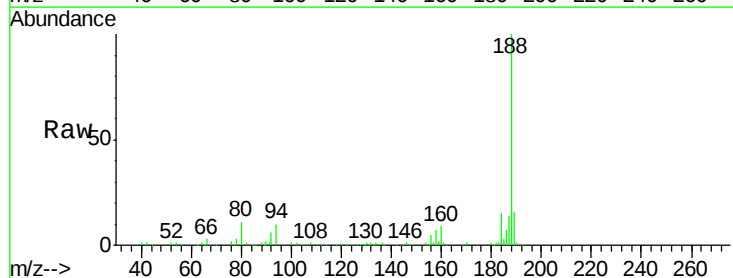
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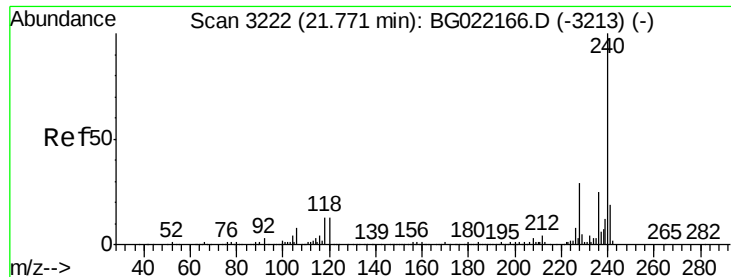
Tgt Ion:172 Resp: 702684
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 25.4 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BG022281.D
 Acq: 10 Jun 2016 5:51

Tgt Ion:188 Resp: 205519
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.5 11.3
 80 11.2 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

Instrument :

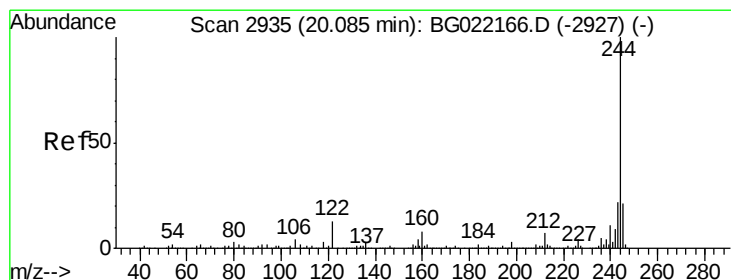
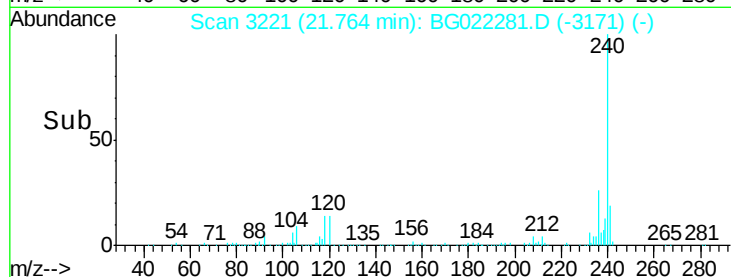
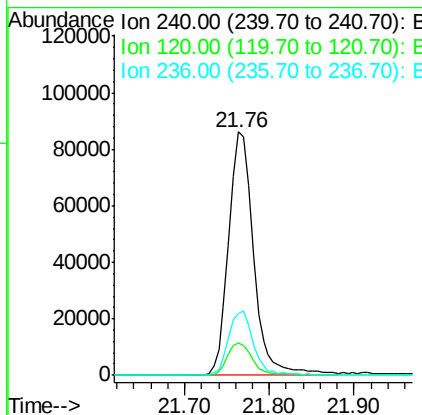
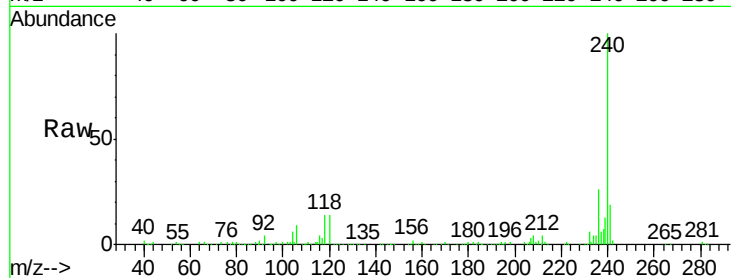
BNA_G

ClientSampleId :

STA-953-PLATFORM(0-4)

Tgt Ion:240 Resp: 177313

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.4	12.6#
236	25.7	19.6	29.4



#78

Terphenyl-d14

Concen: 107.19 ng

RT: 20.08 min Scan# 2935

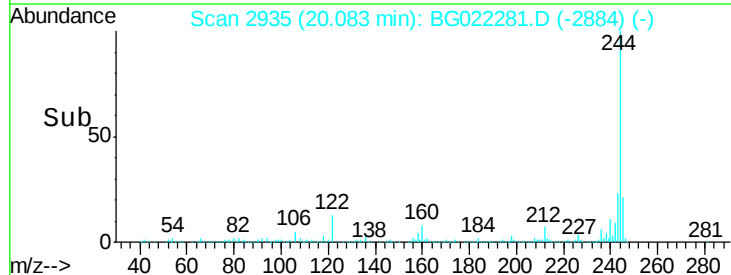
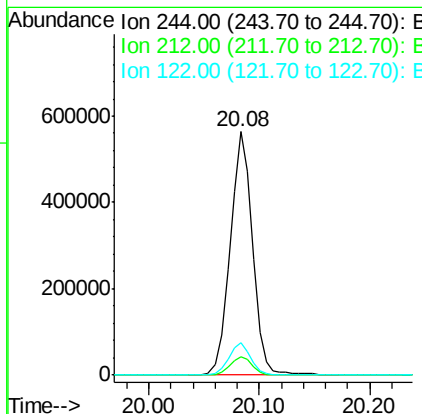
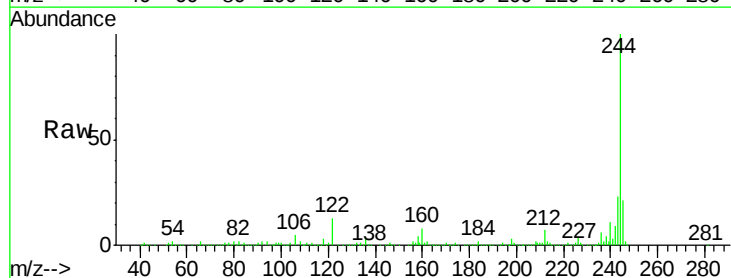
Delta R.T. -0.00 min

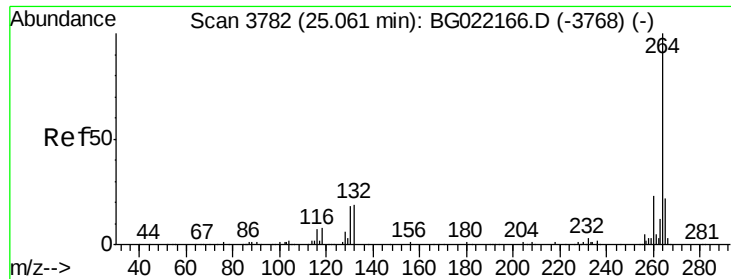
Lab File: BG022281.D

Acq: 10 Jun 2016 5:51

Tgt Ion:244 Resp: 800570

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	13.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG022281.D
Acq: 10 Jun 2016 5:51

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	20.2	30.4
265	20.8	17.8	26.8

