

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
 Data File : BG022531.D
 Acq On : 24 Jun 2016 8:53
 Operator : UM/SJ
 Sample : H3625-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1496(0-4)

Quant Time: Jun 24 16:18:29 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	100747	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	395873	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	257124	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	664081	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	771825	20.00	ng	-0.01
86) Perylene-d12	25.21	264	758740	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	792434	127.37	ng	0.00
7) Phenol-d6	7.31	99	1064706	122.24	ng	0.00
23) Nitrobenzene-d5	9.34	82	892441	96.52	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	657453	164.77	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1699802	100.90	ng	-0.01
78) Terphenyl-d14	20.16	244	2774904	115.20	ng	0.00

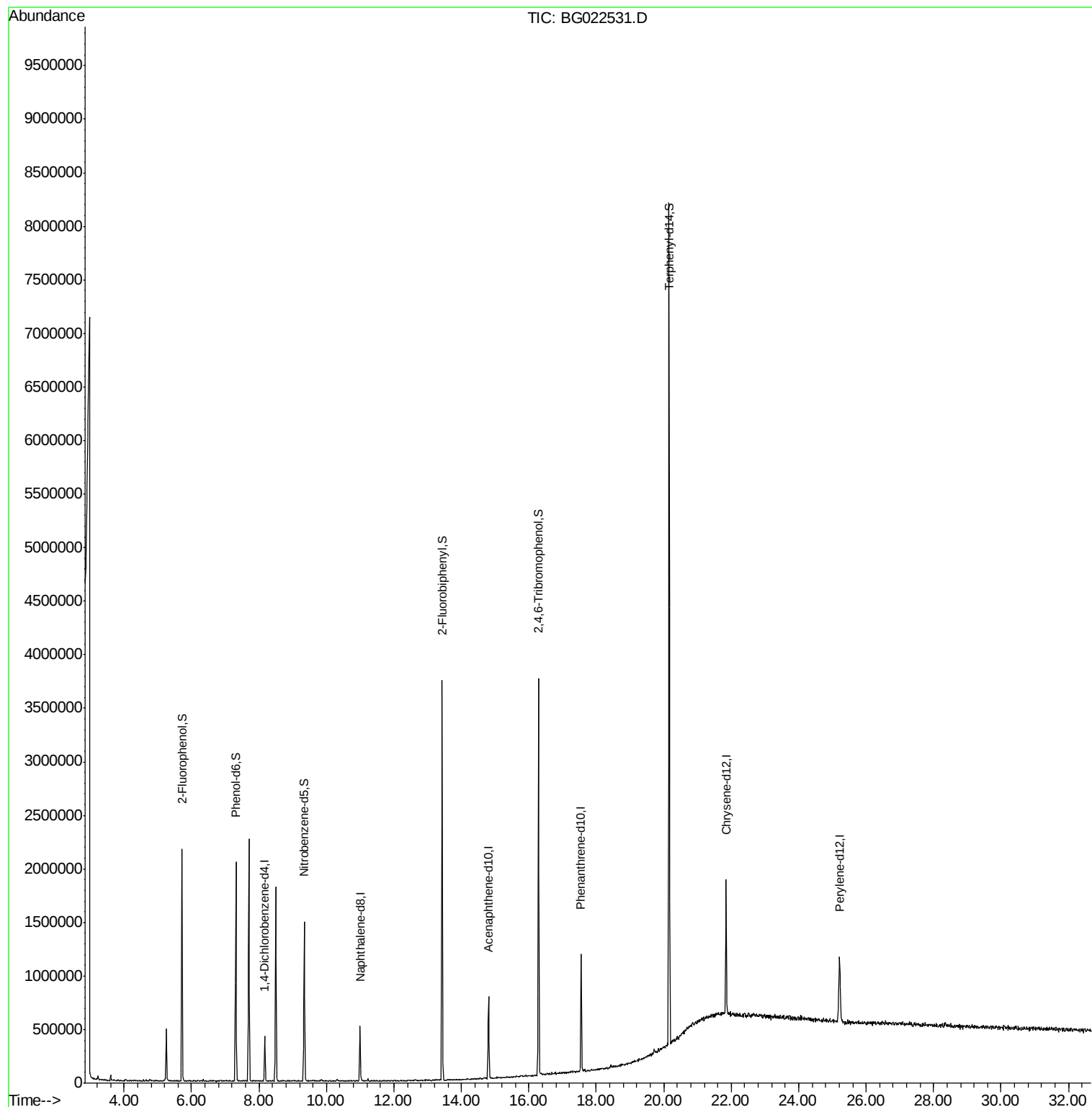
Target Compounds Qvalue

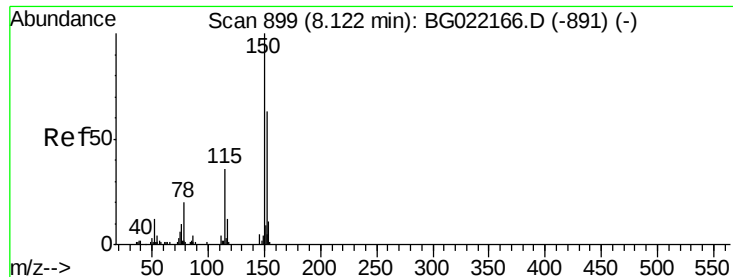
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

Instrument :

BNA_G

ClientSampleId :

SC-STA-1496(0-4)

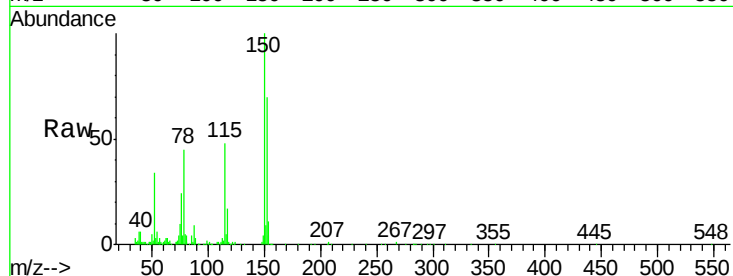
Tot Ion:152 Resp: 100747

Ion Ratio Lower Upper

152 100

150 143.5 144.7 217.1#

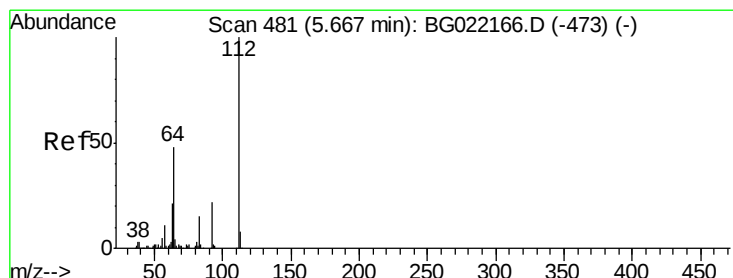
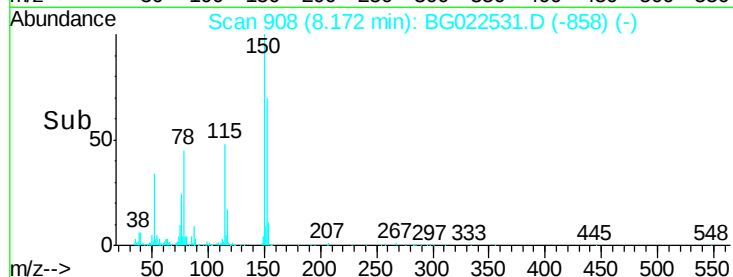
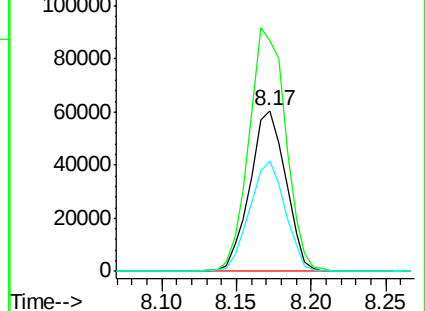
115 68.7 64.0 96.0



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: 127.37 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

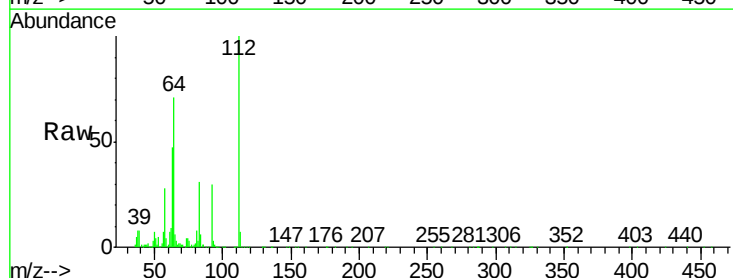
Tgt Ion:112 Resp: 792434

Ion Ratio Lower Upper

112 100

64 71.2 59.0 88.4

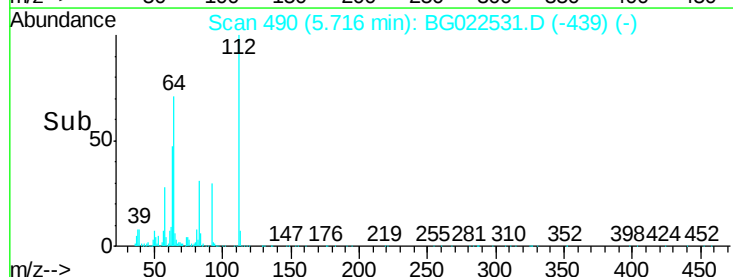
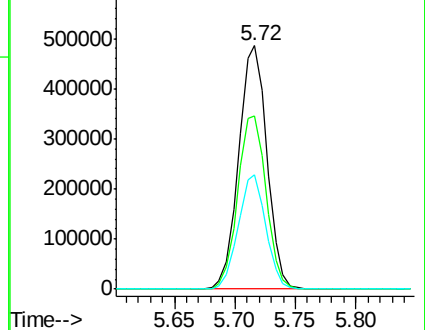
63 47.1 37.8 56.8

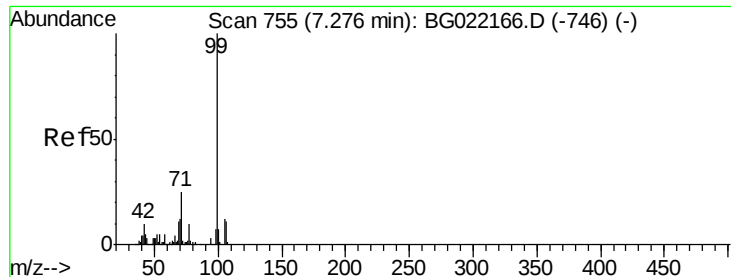


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.24 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

Instrument :

BNA_G

ClientSampleId :

SC-STA-1496(0-4)

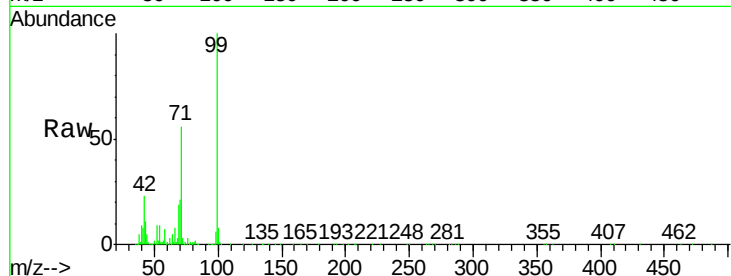
Tot Ion: 99 Resp: 1064706

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.8	26.6
71	55.9	41.5	62.3

99 100

42 22.6 17.8 26.6

71 55.9 41.5 62.3

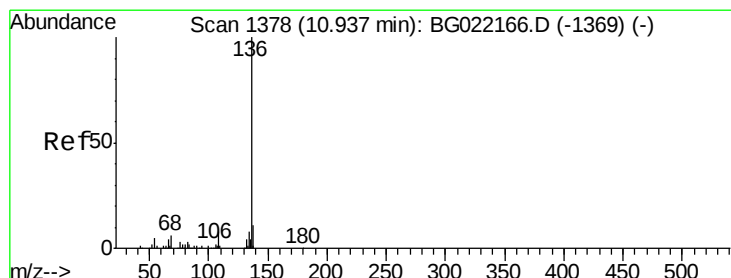
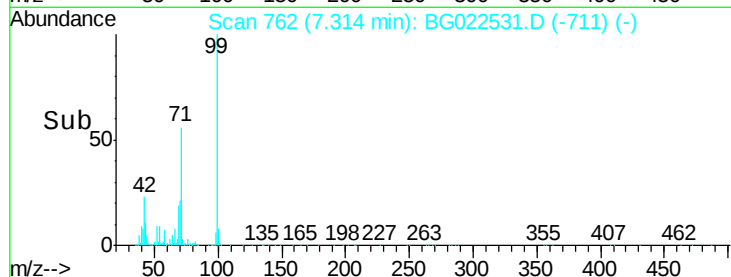
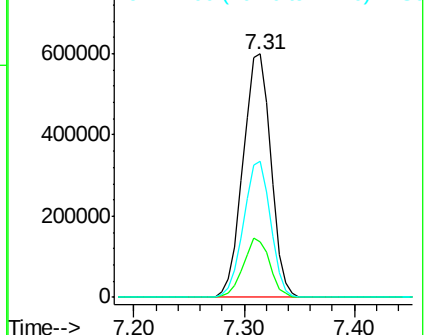


Abundance

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: 10.99 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

Tgt Ion: 136 Resp: 395873

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	6.9	7.3	10.9#
68	4.6	5.3	7.9#

136 100

137 10.9 9.6 14.4

54 6.9 7.3 10.9#

68 4.6 5.3 7.9#

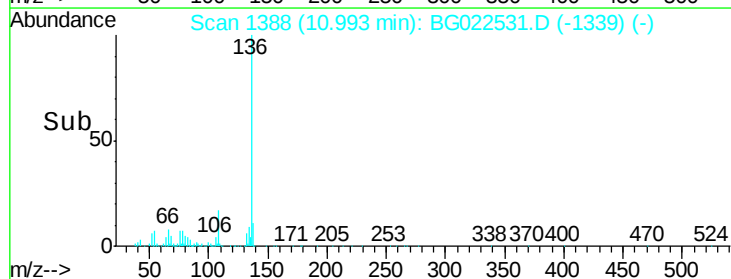
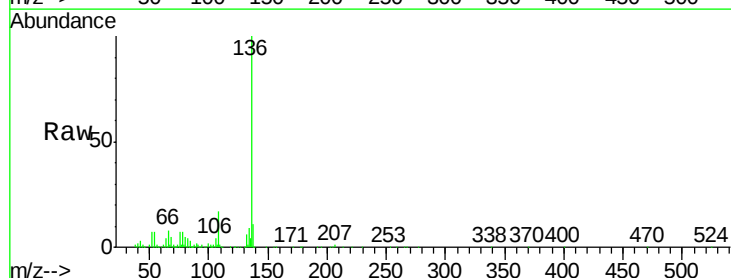
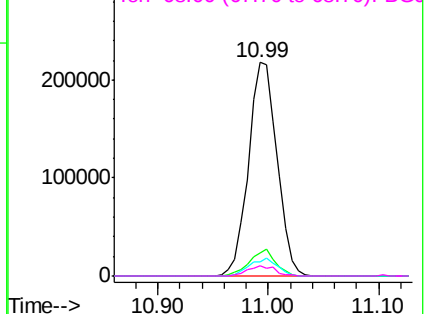
Abundance

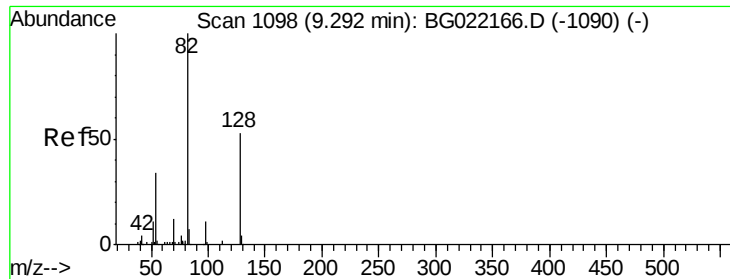
Ion 136.00 (135.70 to 136.70): BGC

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

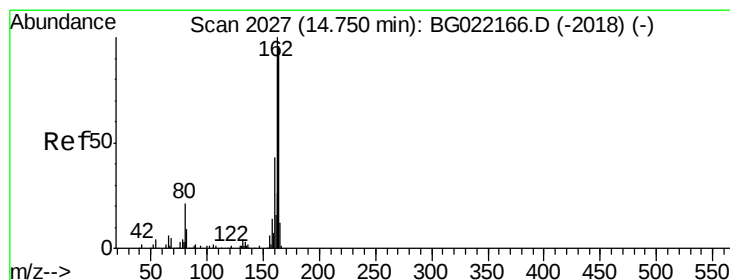
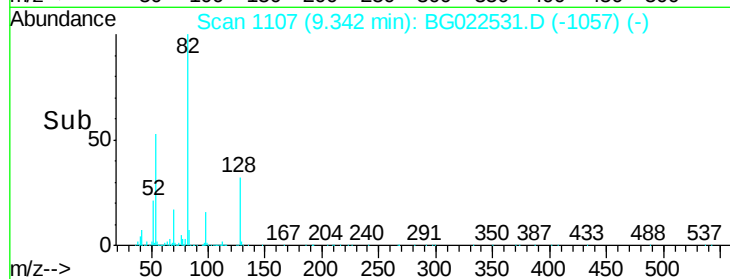
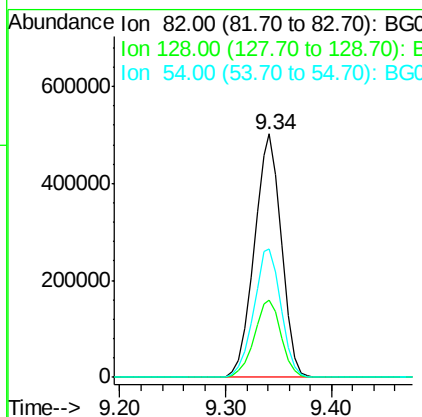
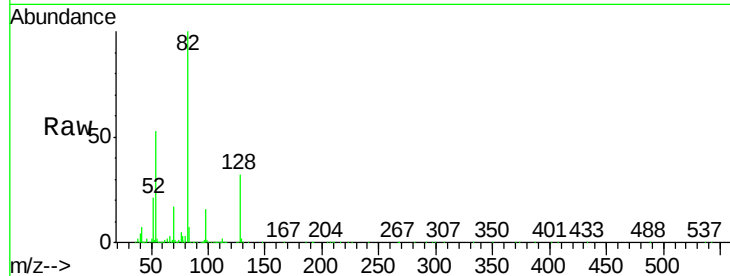




#23
 Nitrobenzene-d5
 Concen: 96.52 ng
 RT: 9.34 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG022531.D
 Acq: 24 Jun 2016 8:53

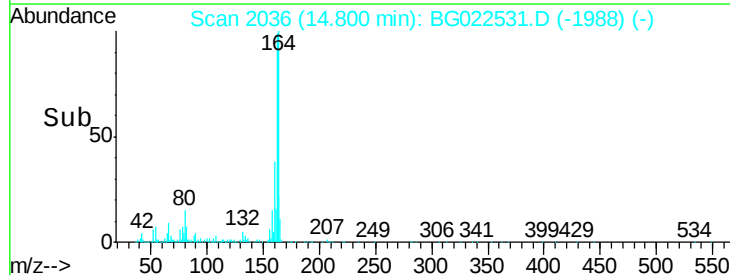
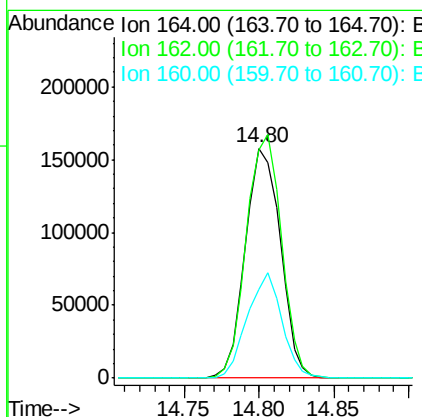
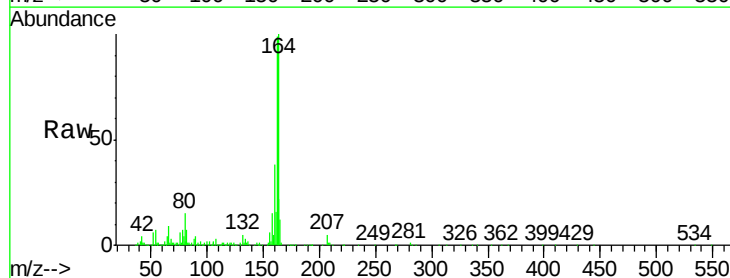
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1496(0-4)

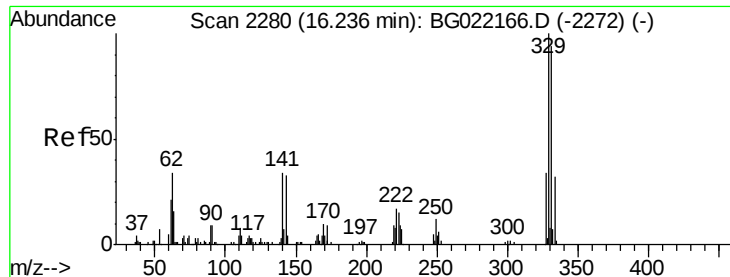
Tot Ion	82	Resp	892441
Ion Ratio	Lower	Upper	
82	100		
128	31.7	24.4	36.6
54	53.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BG022531.D
 Acq: 24 Jun 2016 8:53

Tgt Ion	164	Resp	257124
Ion Ratio	Lower	Upper	
164	100		
162	99.3	87.7	131.5
160	38.4	37.2	55.8

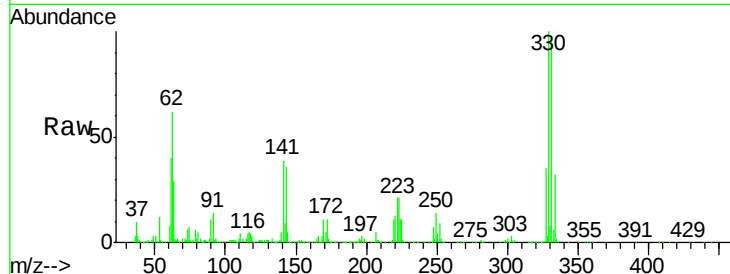




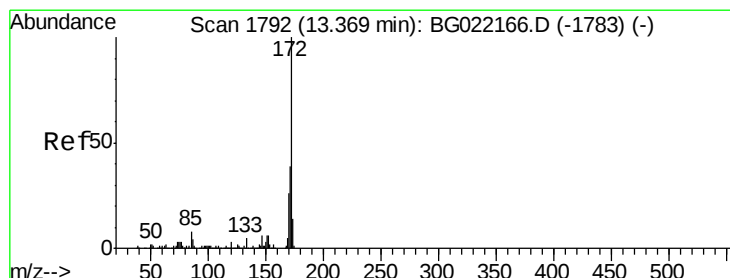
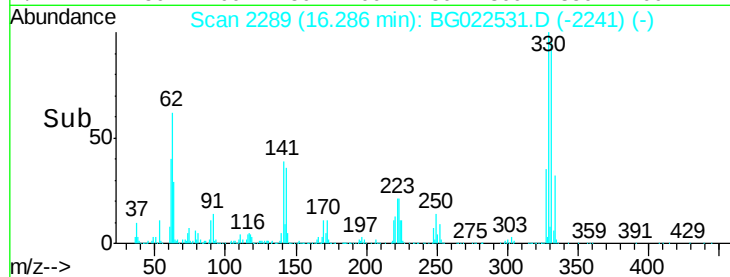
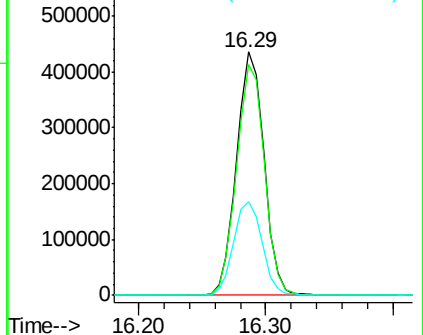
#41
 2,4,6-Tribromophenol
 Concen: 164.77 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG022531.D
 Acq: 24 Jun 2016 8:53

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1496(0-4)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	39.6	31.7	47.5

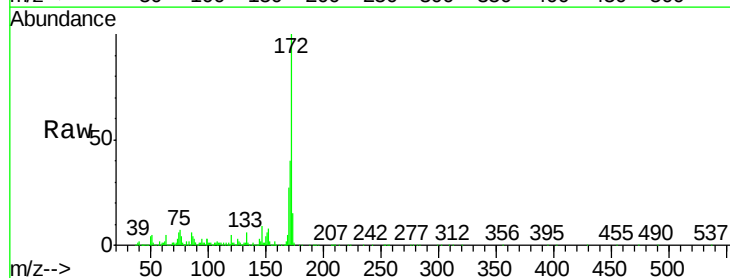


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

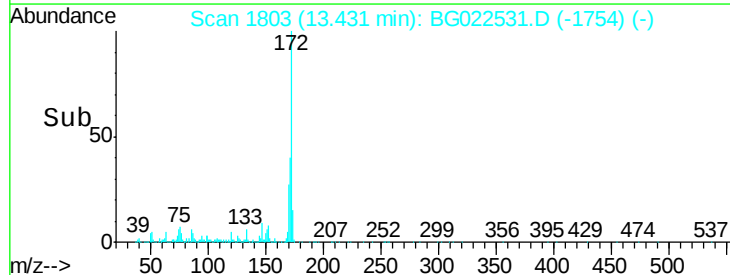
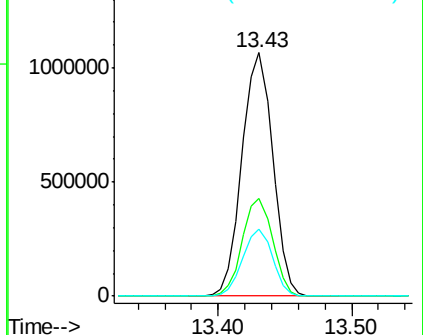


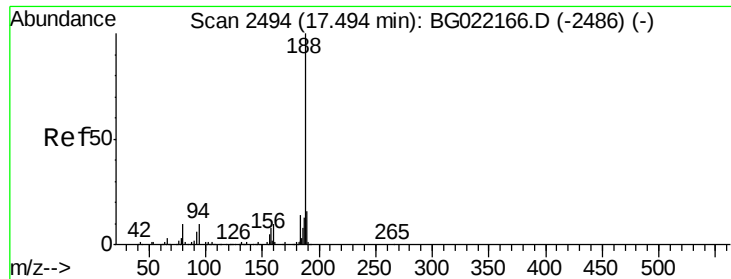
#44
 2-Fluorobiphenyl
 Concen: 100.90 ng
 RT: 13.43 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG022531.D
 Acq: 24 Jun 2016 8:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	31.6	47.4
170	27.4	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

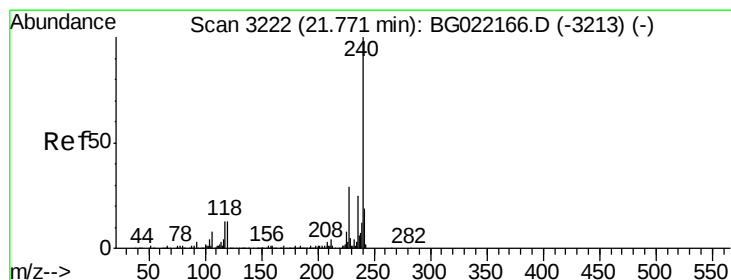
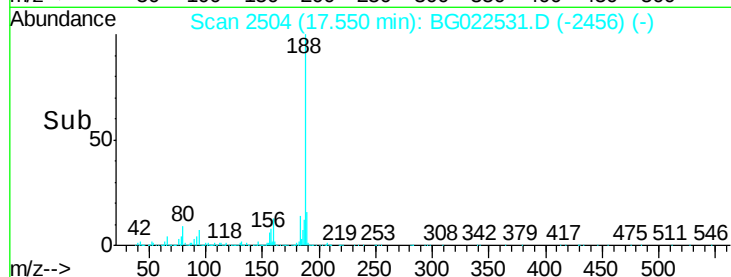
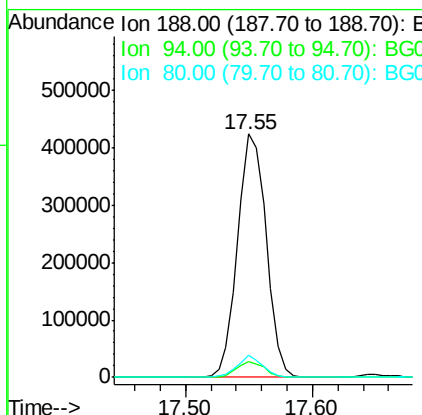
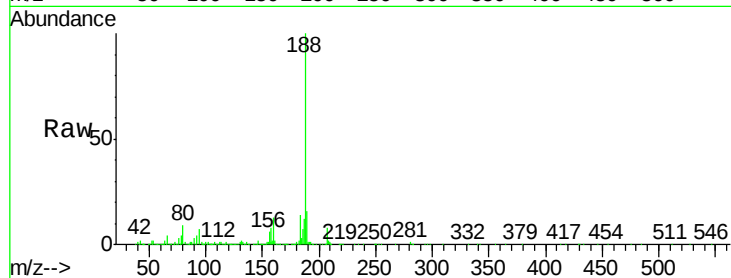




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG022531.D
Acq: 24 Jun 2016 8:53

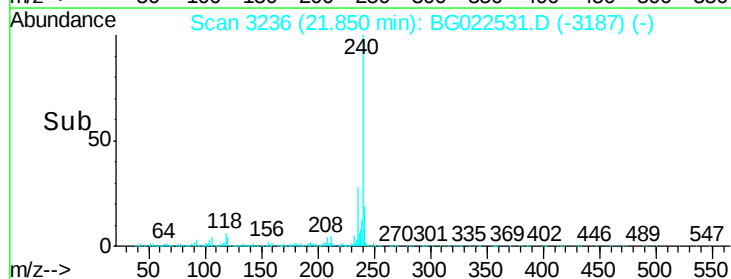
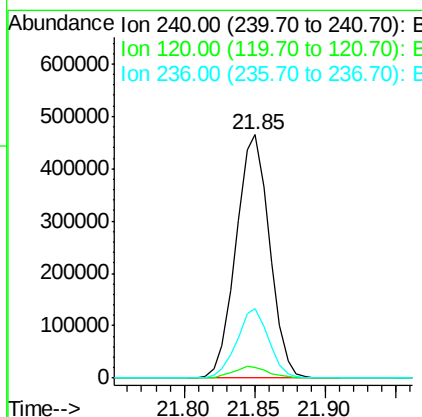
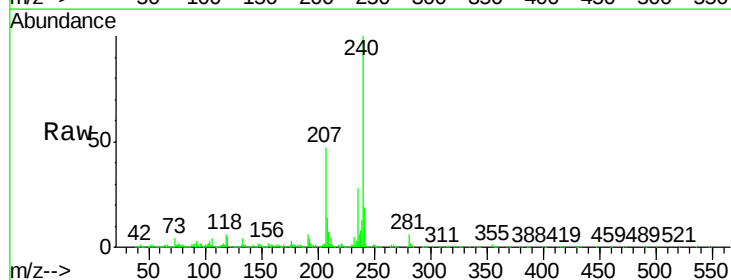
Instrument :
BNA_G
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SC-STA-1496(0-4)

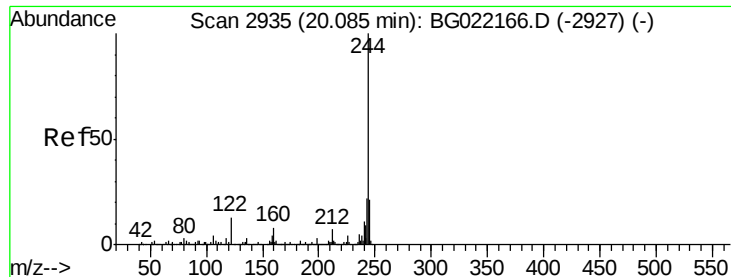
Tot Ion:188 Resp: 664081
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 9.2 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG022531.D
Acq: 24 Jun 2016 8:53

Tgt Ion:240 Resp: 771825
Ion Ratio Lower Upper
240 100
120 4.6 4.1 6.1
236 28.4 21.1 31.7





#78

Terphenyl-d14

Concen: 115.20 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

Instrument :

BNA_G

ClientSampleId :

SC-STA-1496(0-4)

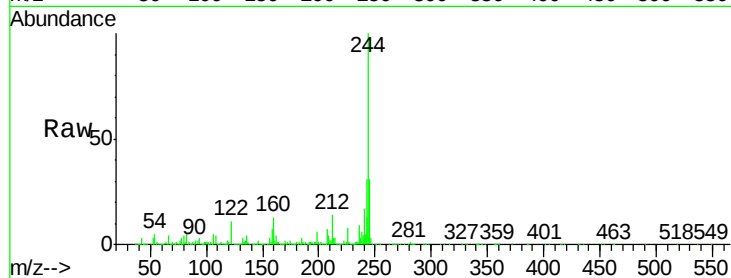
Tot Ion:244 Resp: 2774904

Ion Ratio Lower Upper

244 100

212 14.2 10.8 16.2

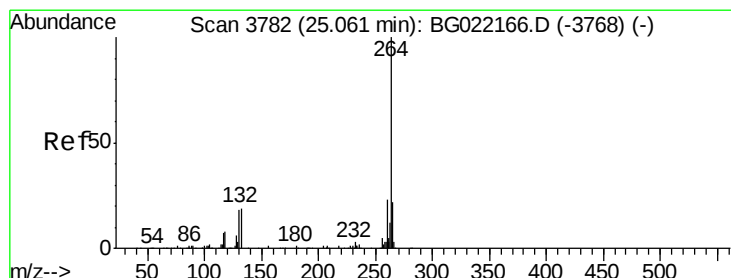
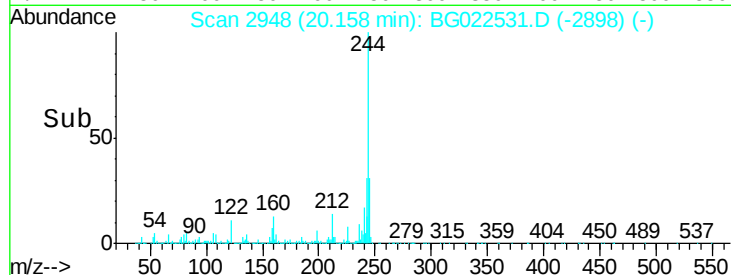
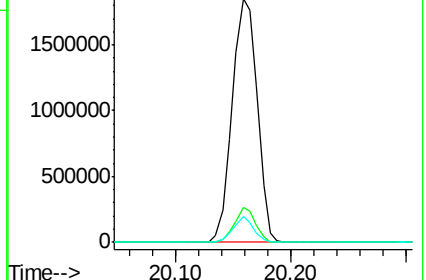
122 10.7 8.0 12.0



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# 3807

Delta R.T. -0.02 min

Lab File: BG022531.D

Acq: 24 Jun 2016 8:53

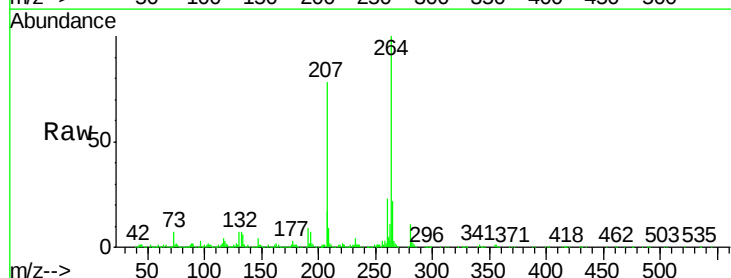
Tgt Ion:264 Resp: 758740

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 22.2 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

