

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
 Data File : BG022530.D
 Acq On : 24 Jun 2016 8:13
 Operator : UM/SJ
 Sample : H3625-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1491(0-4)

Quant Time: Jun 24 16:15:42 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	104519	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	398175	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	245644	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	669942	20.00	ng	-0.02
75) Chrysene-d12	21.85	240	720018	20.00	ng	-0.02
86) Perylene-d12	25.21	264	54628	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	843433	130.68	ng	0.00
7) Phenol-d6	7.32	99	1103963	122.17	ng	0.00
23) Nitrobenzene-d5	9.34	82	930780	100.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	656826	172.30	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1774406	110.25	ng	-0.02
78) Terphenyl-d14	20.15	244	2789863	128.98	ng	-0.01

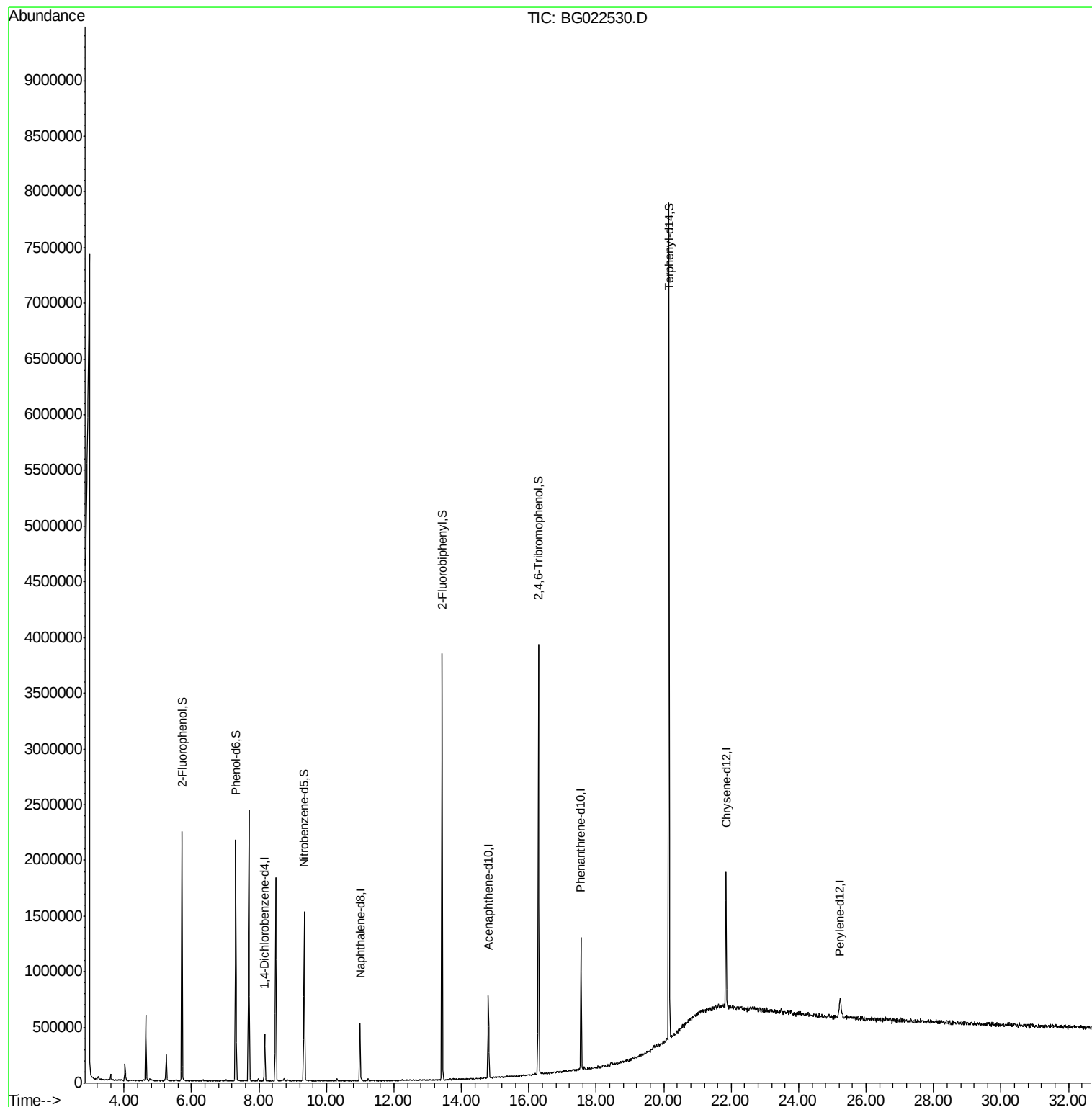
Target Compounds Qvalue

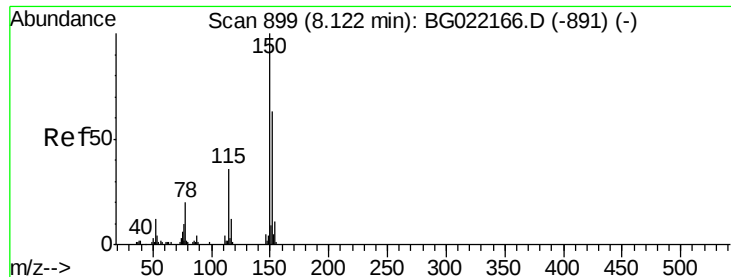
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 04:19:57 2016
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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: BG022530.D

Acq: 24 Jun 2016 8:13

Instrument :

BNA_G

ClientSampleId :

SC-STA-1491(0-4)

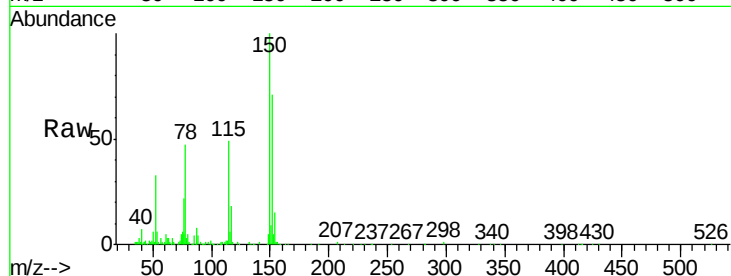
Tot Ion:152 Resp: 104519

Ion Ratio Lower Upper

152 100

150 141.6 144.7 217.1#

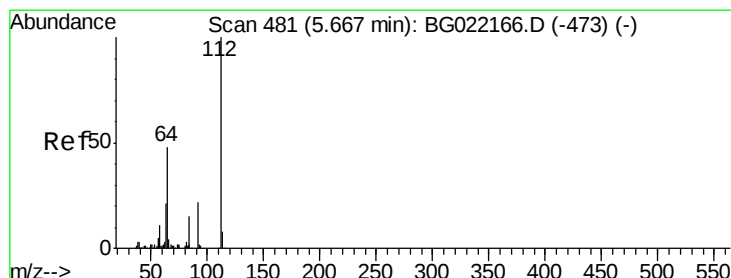
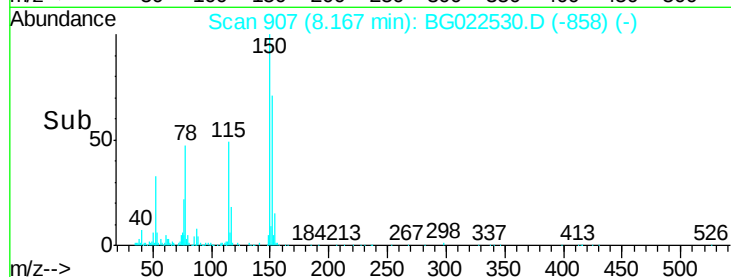
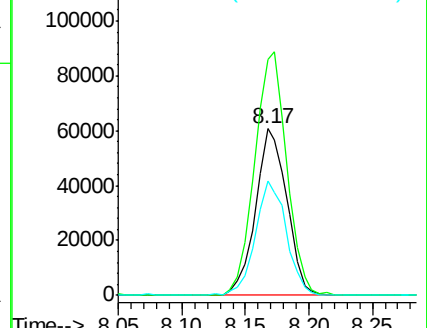
115 69.2 64.0 96.0



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: 130.68 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: BG022530.D

Acq: 24 Jun 2016 8:13

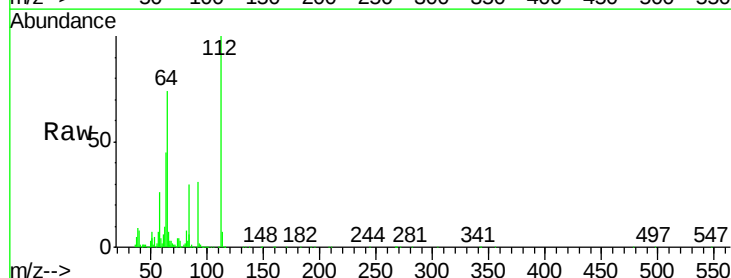
Tgt Ion:112 Resp: 843433

Ion Ratio Lower Upper

112 100

64 74.1 59.0 88.4

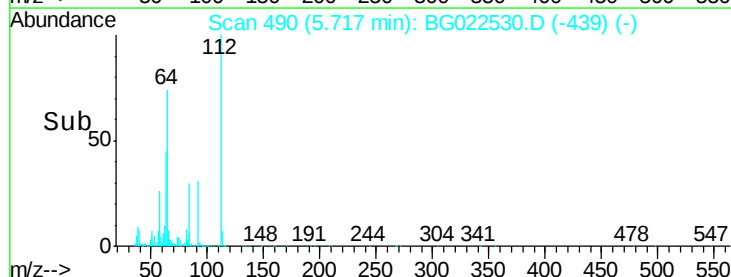
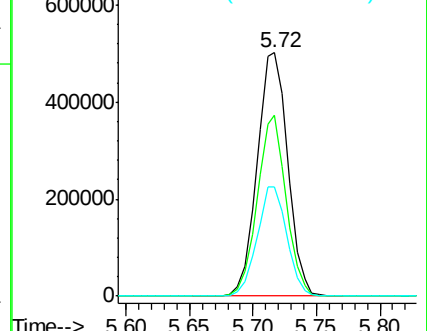
63 44.6 37.8 56.8

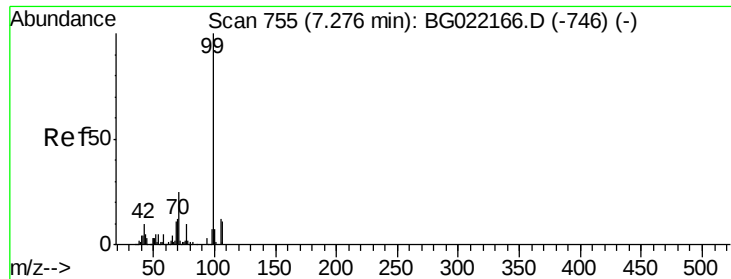


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.17 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG022530.D

Acq: 24 Jun 2016 8:13

Instrument :

BNA_G

ClientSampleId :

SC-STA-1491(0-4)

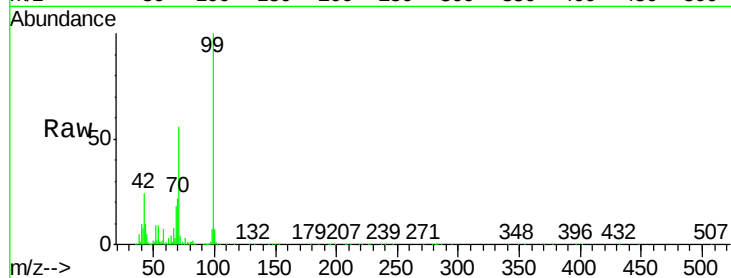
Tot Ion: 99 Resp: 1103963

Ion Ratio Lower Upper

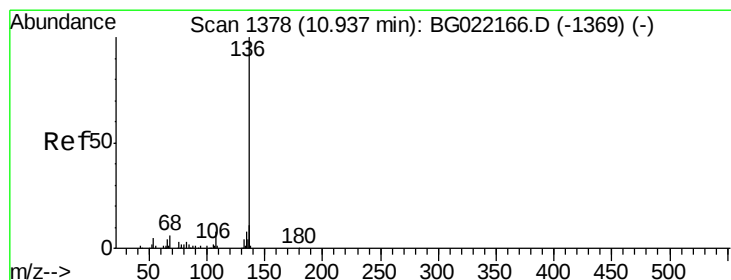
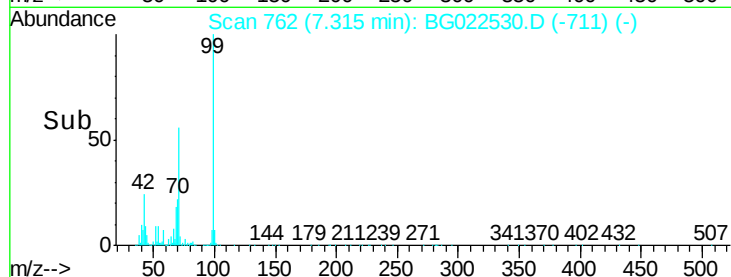
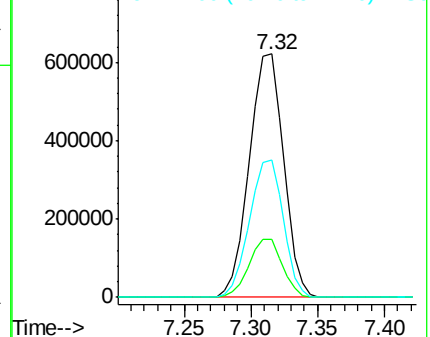
99 100

42 23.7 17.8 26.6

71 56.3 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: BG022530.D

Acq: 24 Jun 2016 8:13

Tgt Ion:136 Resp: 398175

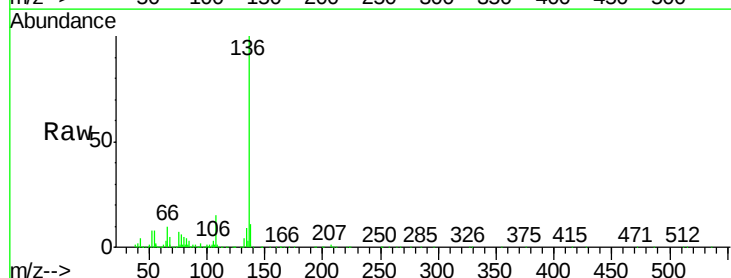
Ion Ratio Lower Upper

136 100

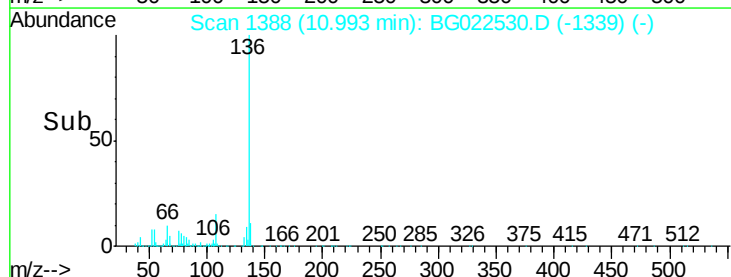
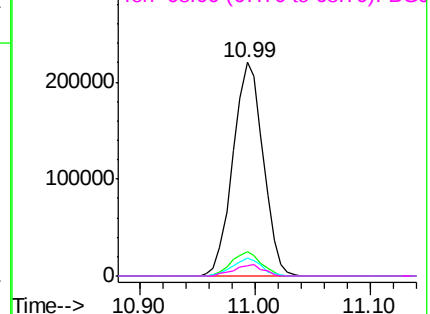
137 11.3 9.6 14.4

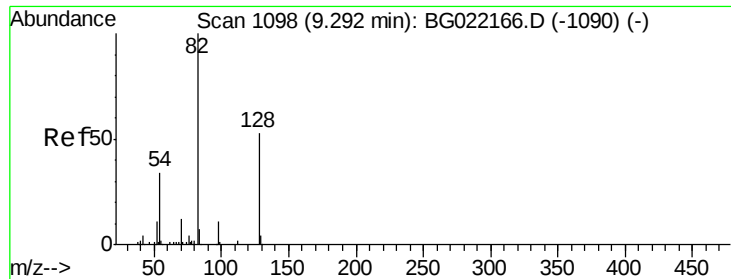
54 8.4 7.3 10.9

68 5.1 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

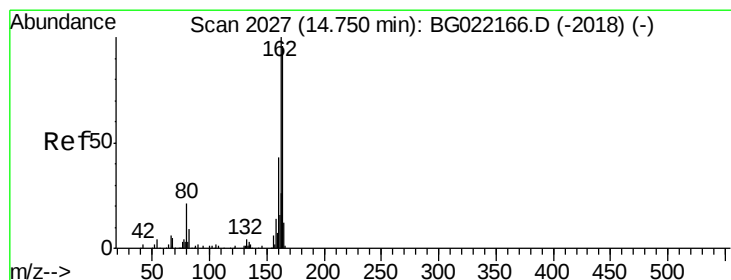
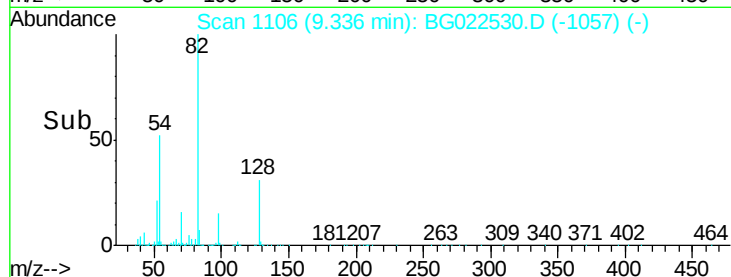
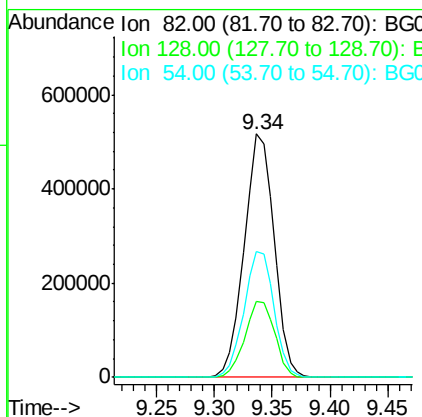
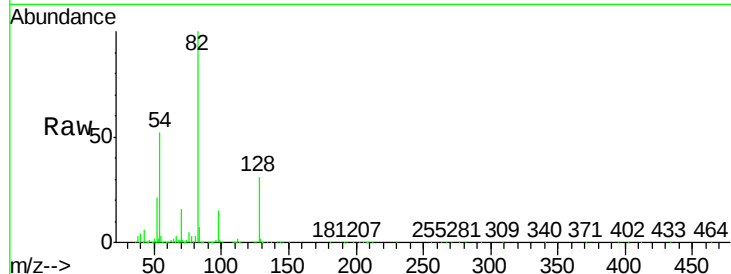




#23
 Nitrobenzene-d5
 Concen: 100.09 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG022530.D
 Acq: 24 Jun 2016 8:13

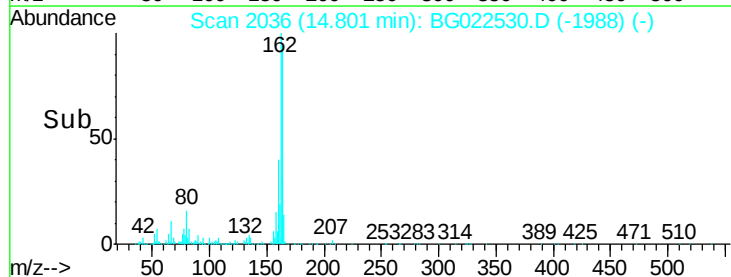
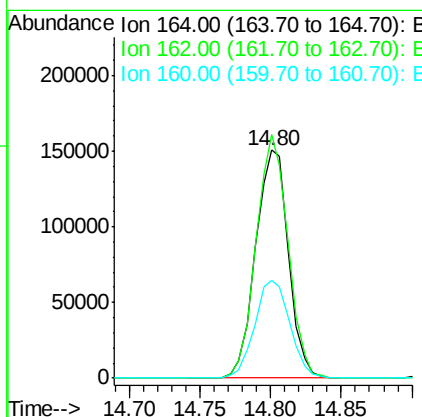
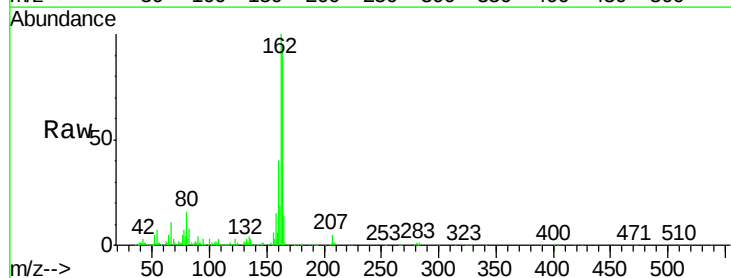
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1491(0-4)

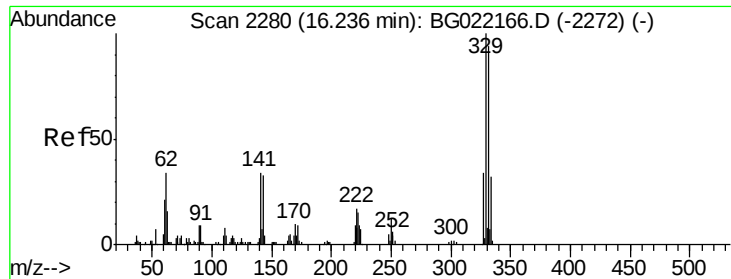
Tot Ion	82	Resp	930780
Ion Ratio	Lower	Upper	
82	100		
128	31.3	24.4	36.6
54	51.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.02 min
 Lab File: BG022530.D
 Acq: 24 Jun 2016 8:13

Tgt Ion	164	Resp	245644
Ion Ratio	Lower	Upper	
164	100		
162	106.9	87.7	131.5
160	43.1	37.2	55.8

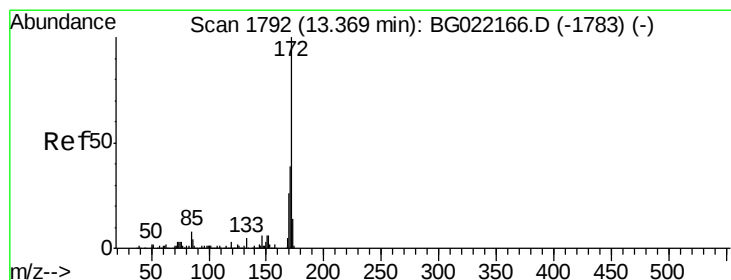
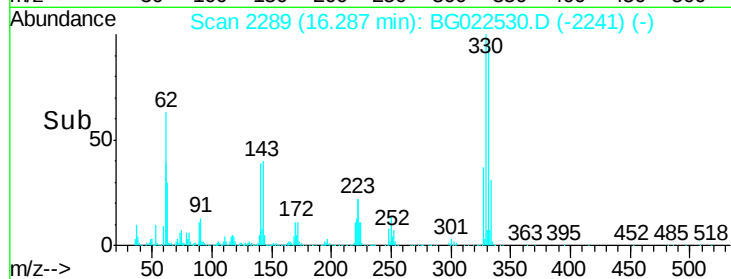
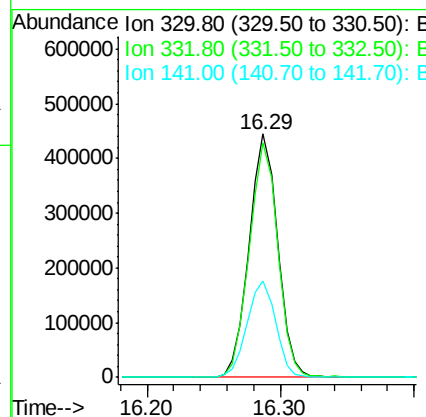
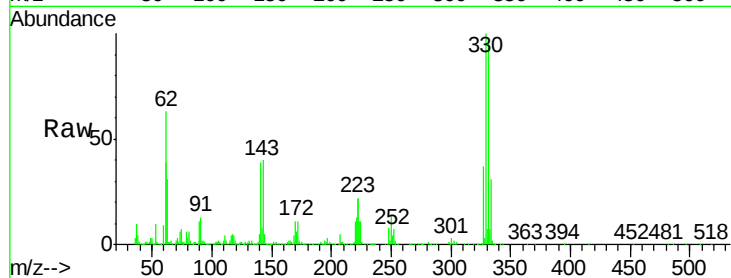




#41
 2,4,6-Tribromophenol
 Concen: 172.30 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG022530.D
 Acq: 24 Jun 2016 8:13

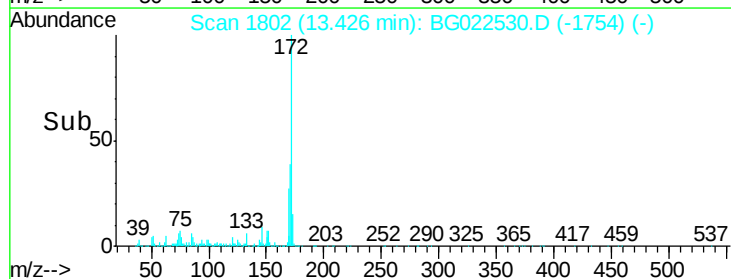
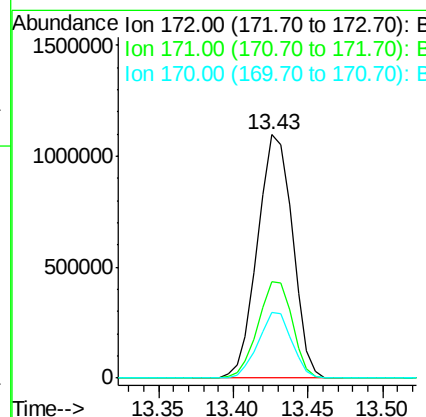
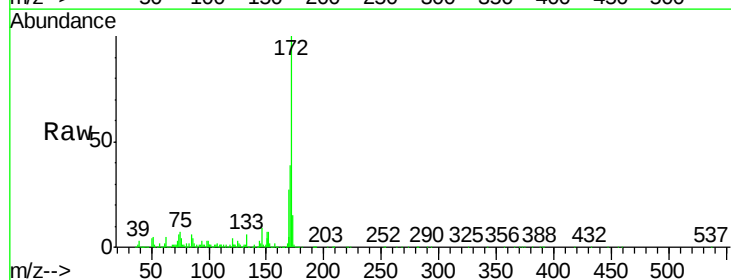
Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1491(0-4)

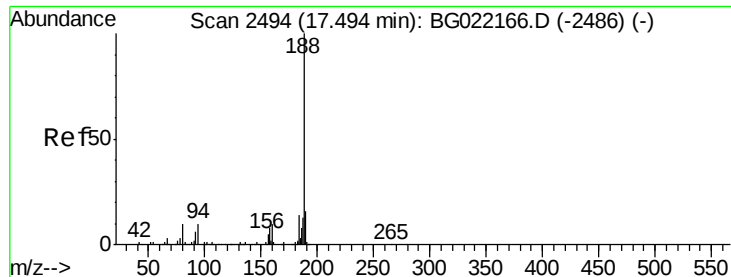
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	40.0	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 110.25 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG022530.D
 Acq: 24 Jun 2016 8:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.6	47.4
170	27.2	21.3	31.9

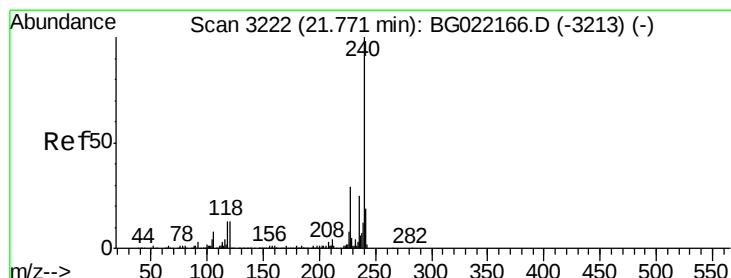
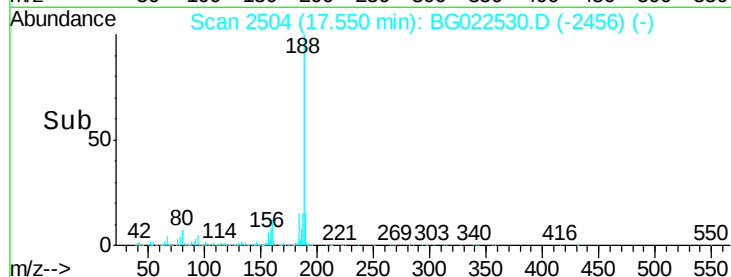
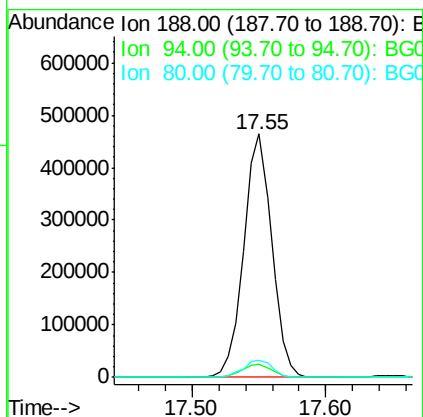
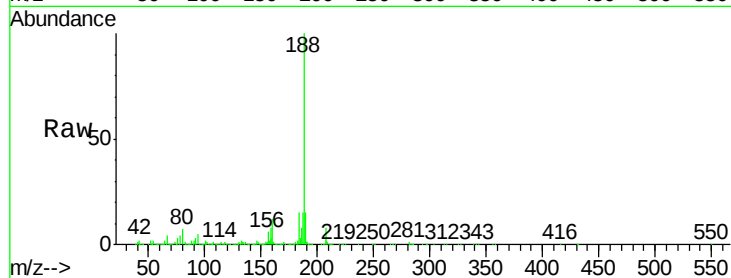




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG022530.D
Acq: 24 Jun 2016 8:13

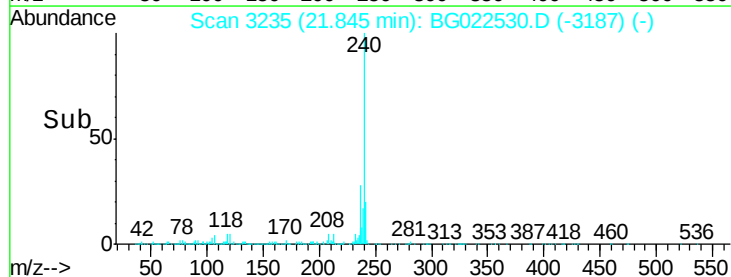
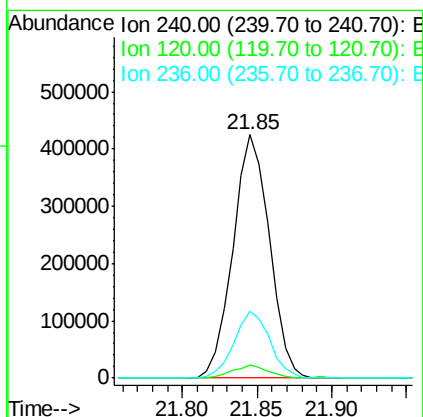
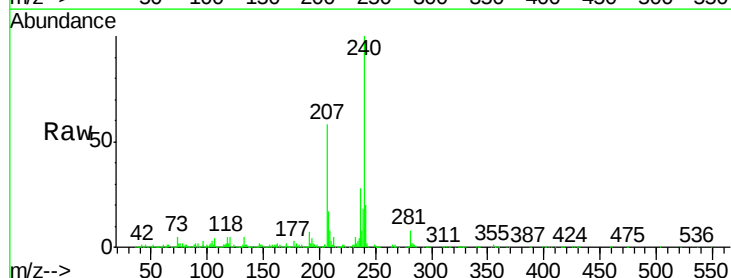
Instrument :
BNA_G
ClientSampleId :
SC-STA-1491(0-4)

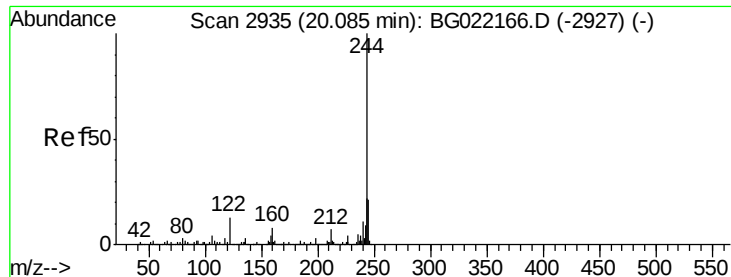
Tot Ion:188 Resp: 669942
Ion Ratio Lower Upper
188 100
94 5.3 5.2 7.8
80 7.0 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG022530.D
Acq: 24 Jun 2016 8:13

Tgt Ion:240 Resp: 720018
Ion Ratio Lower Upper
240 100
120 5.4 4.1 6.1
236 27.7 21.1 31.7





#78

Terphenyl-d14

Concen: 128.98 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG022530.D

Acq: 24 Jun 2016 8:13

Instrument :

BNA_G

ClientSampleId :

SC-STA-1491(0-4)

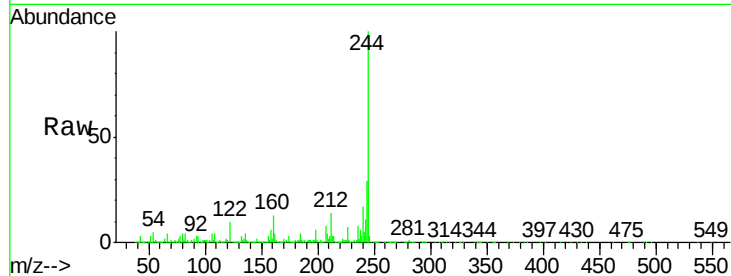
Tot Ion:244 Resp: 2789863

Ion Ratio Lower Upper

244 100

212 13.5 10.8 16.2

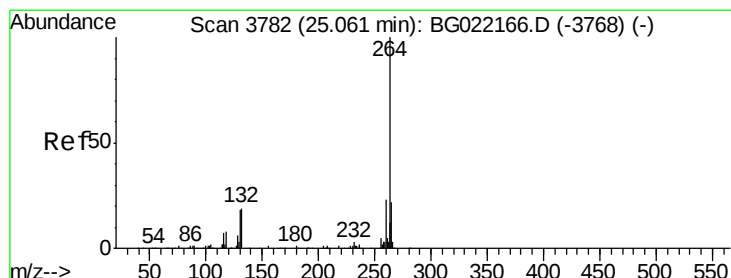
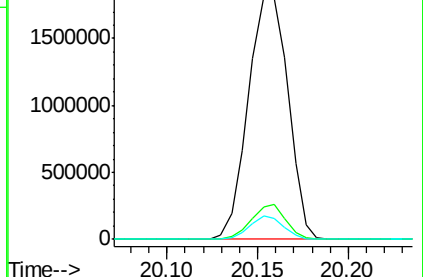
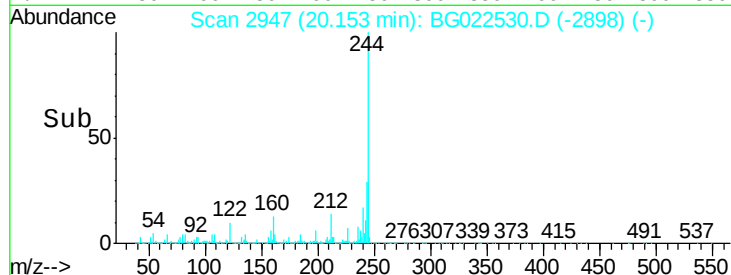
122 9.8 8.0 12.0



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: BG022530.D

Acq: 24 Jun 2016 8:13

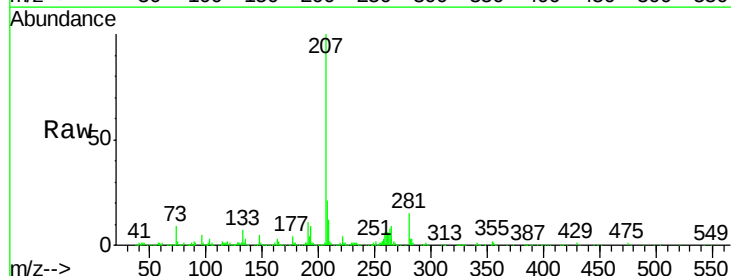
Tgt Ion:264 Resp: 54628

Ion Ratio Lower Upper

264 100

260 75.5 18.4 27.6#

265 34.2 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

