

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 07:31:21 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

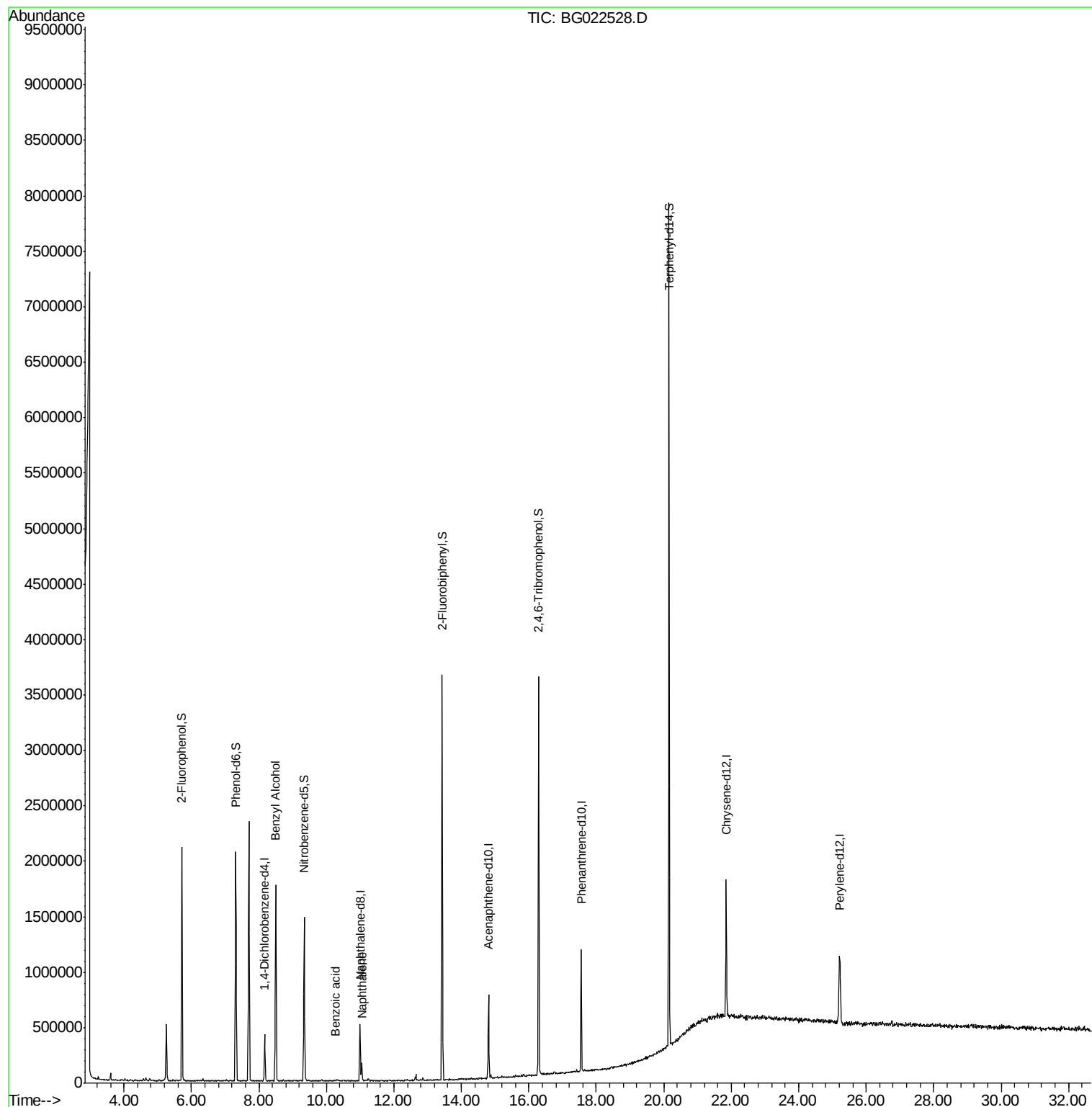
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	101101	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	382599	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	252902	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	658275	20.00	ng	0.00
75) Chrysene-d12	21.85	240	766565	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						
15) Benzyl Alcohol	8.50	79	19758	2.10	ng	# 51
31) Naphthalene	11.05	128	122382	6.50	ng	# 94
32) Benzoic acid	10.27	122	263	4.13	ng	# 1
53) 2,4-Dinitrophenol	14.88	184	92	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	15.91	198	63	Below Cal	#	1
73) Di-n-butylphthalate	18.51	149	3431	Below Cal	#	93
74) Fluoranthene	19.60	202	2085	Below Cal		63

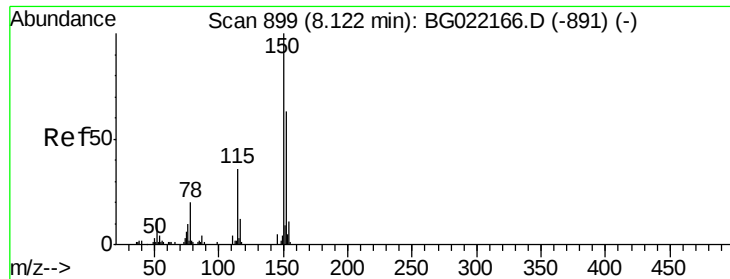
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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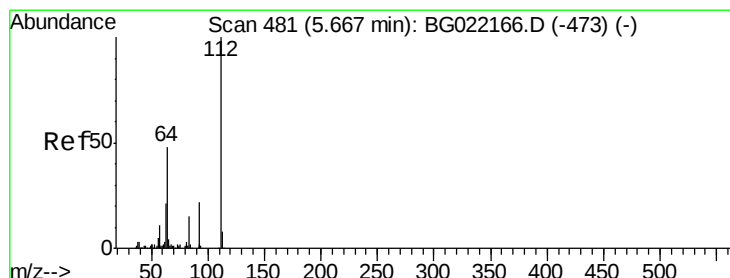
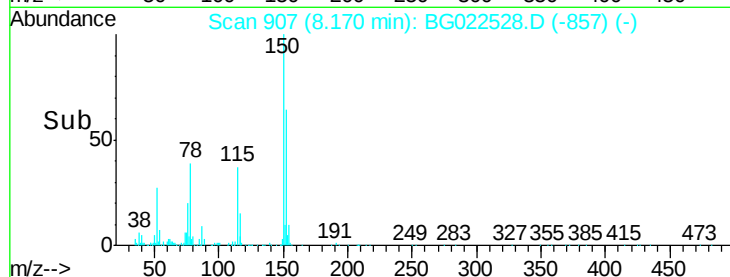
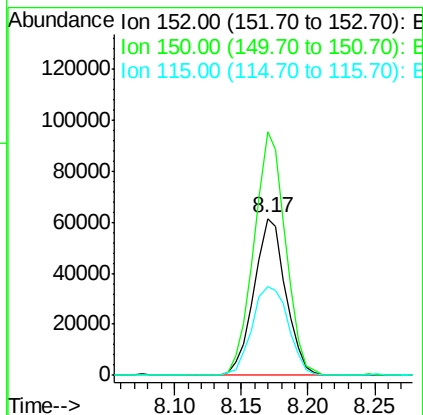
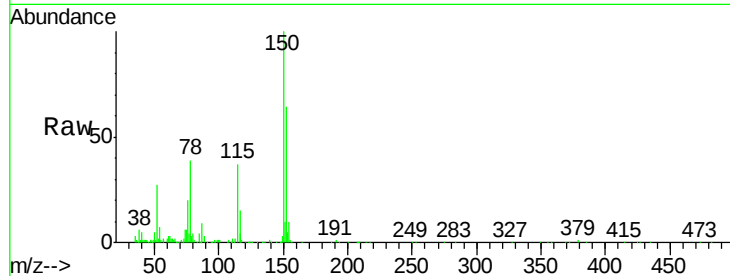


#1

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)

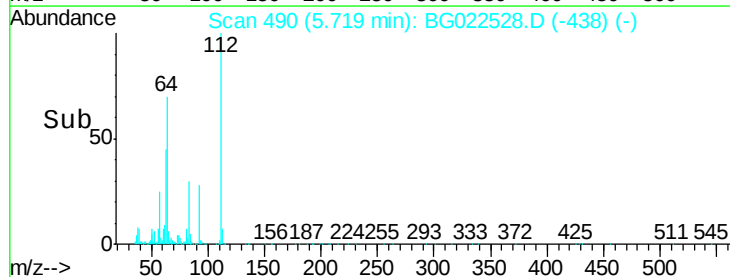
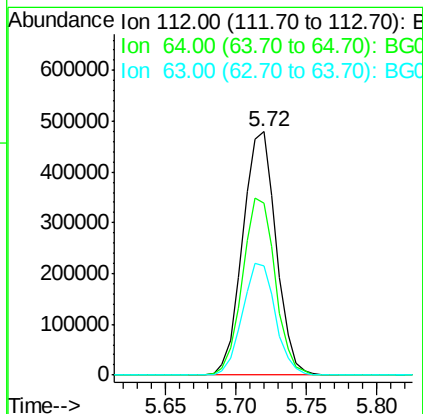
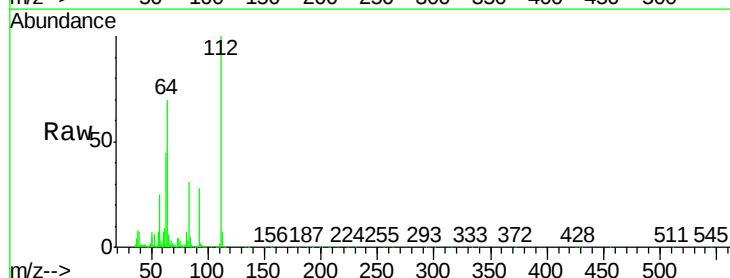
Tgt Ion:152 Resp: 101101
Ion Ratio Lower Upper
152 100
150 155.2 144.7 217.1
115 56.7 64.0 96.0#

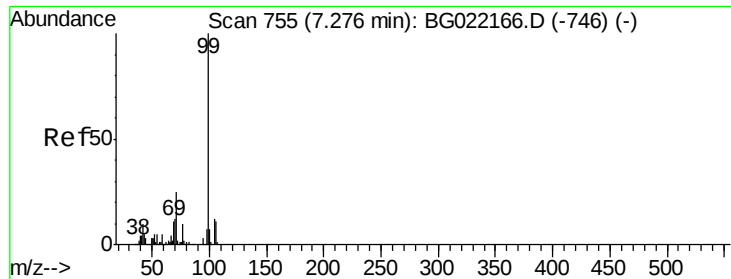


#5

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





#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)

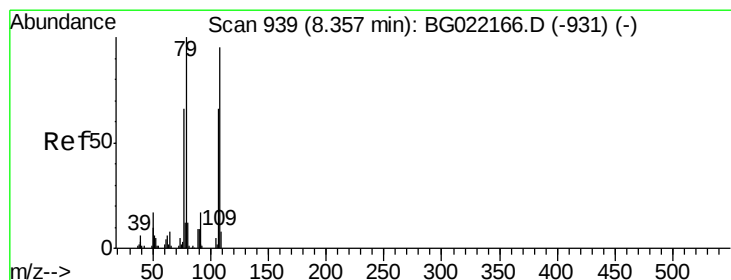
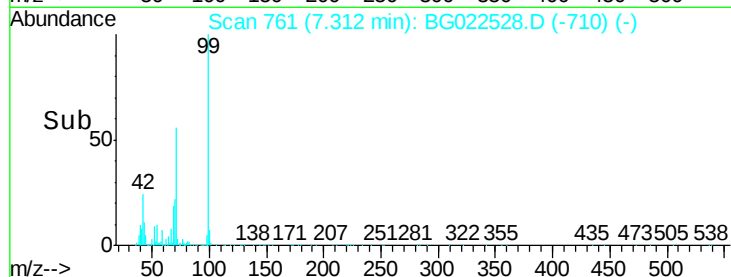
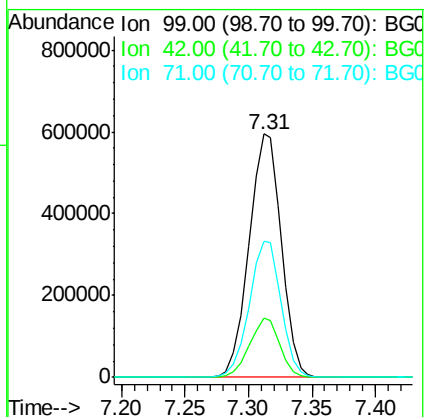
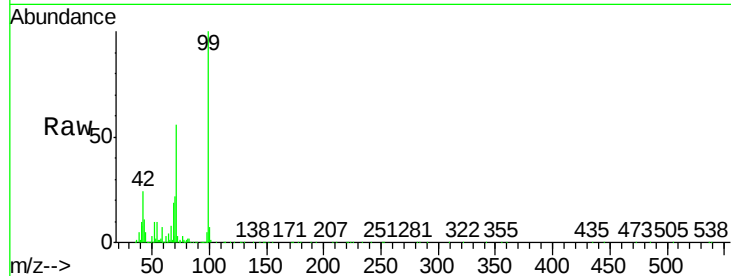
Tgt Ion: 99 Resp: 1052053

Ion Ratio Lower Upper

99 100

42 24.3 17.8 26.6

71 55.9 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 8.50 min Scan# 963

Delta R.T. 0.09 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

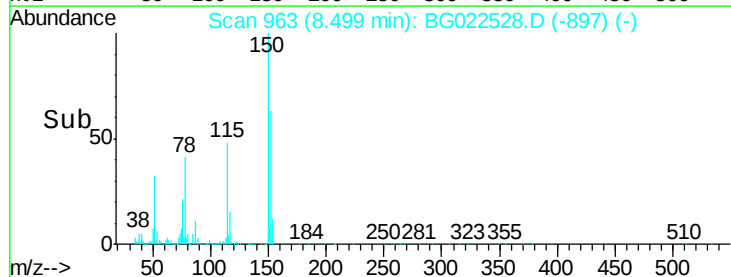
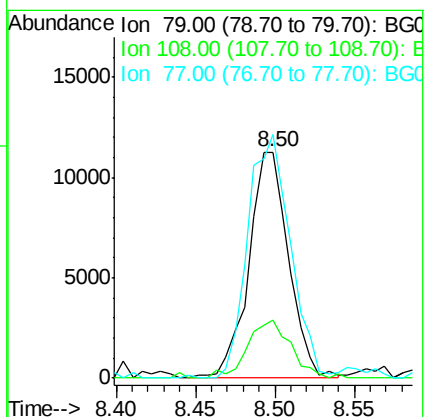
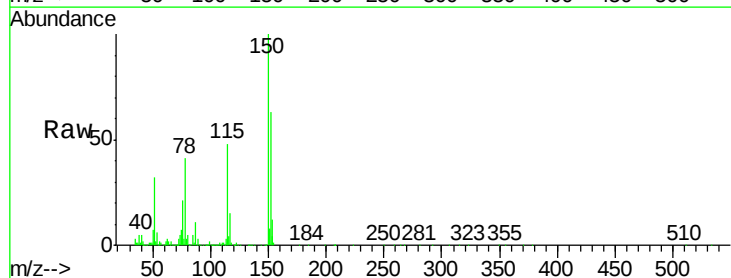
Tgt Ion: 79 Resp: 19758

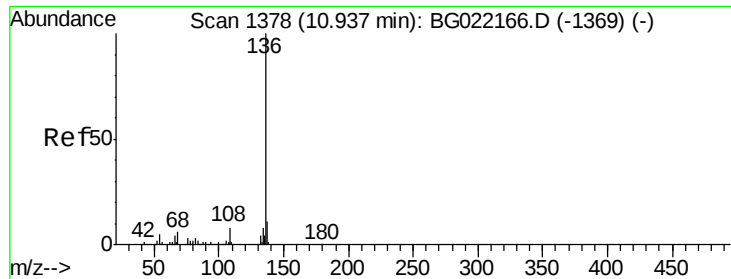
Ion Ratio Lower Upper

79 100

108 25.9 46.5 69.7#

77 107.7 52.3 78.5#

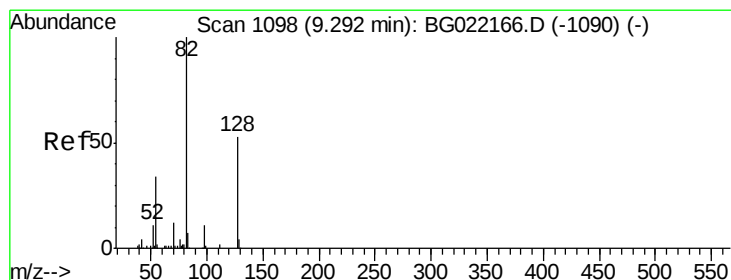
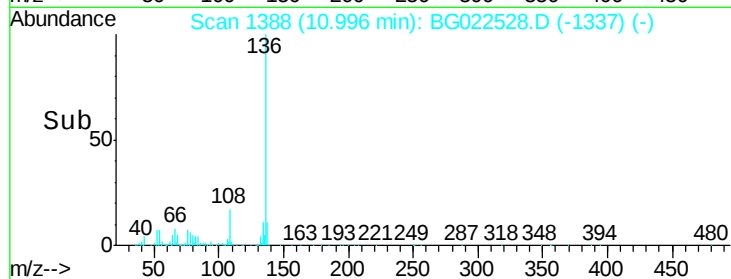
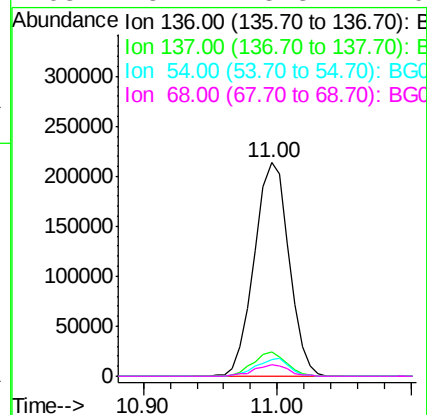
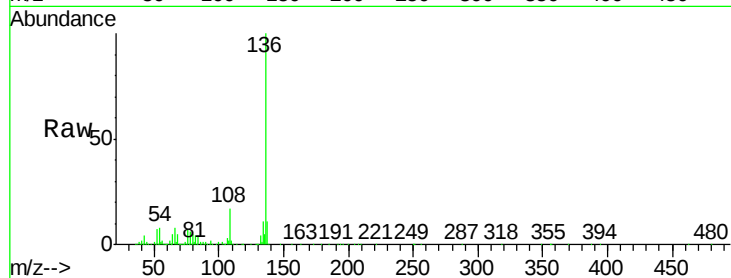




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG022528.D
Acq: 24 Jun 2016 6:54

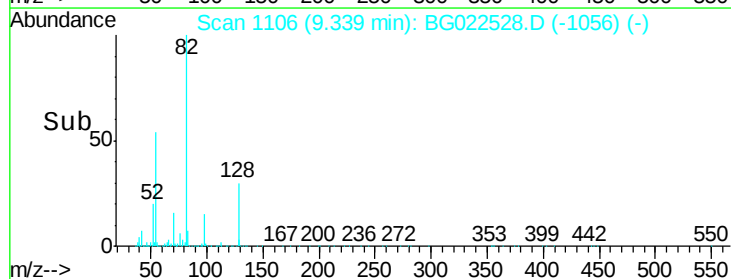
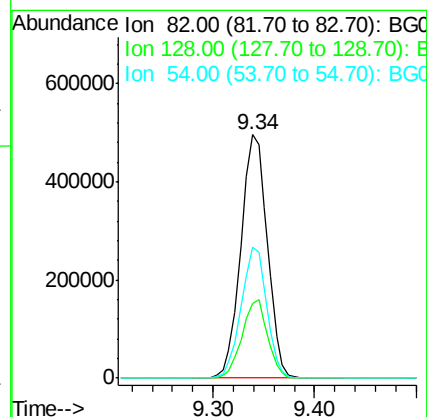
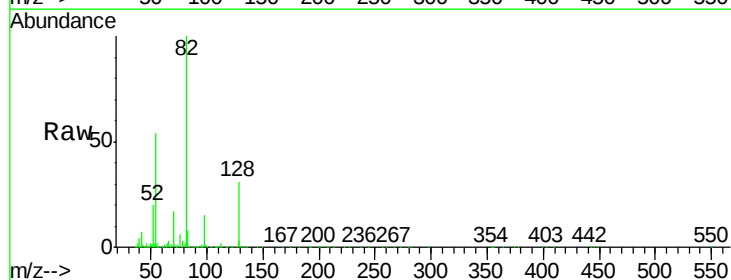
Instrument :
BNA_G
ClientSampleId :
SC-STA-1481(0-4)

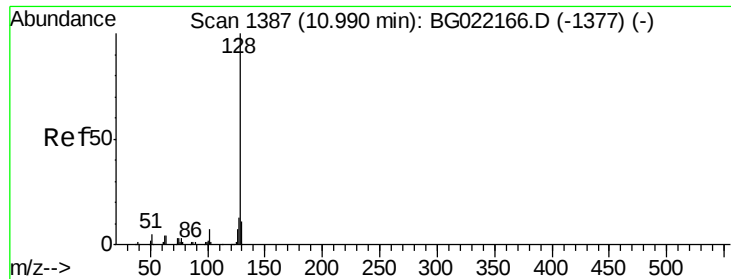
Tgt Ion:	136	Resp:	382599
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.6	14.4
54	7.5	7.3	10.9
68	5.4	5.3	7.9



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

SC-STA-1481(0-4)

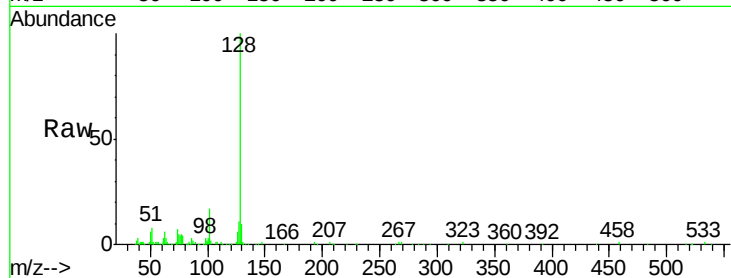
Tgt Ion:128 Resp: 122382

Ion Ratio Lower Upper

128 100

129 10.2 9.4 14.0

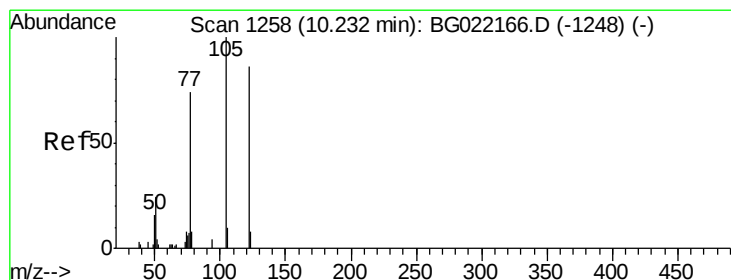
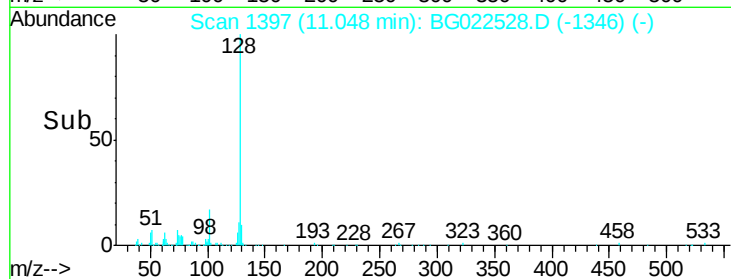
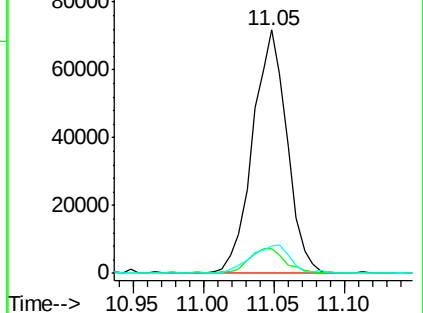
127 11.2 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.13 ng

RT: 10.27 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

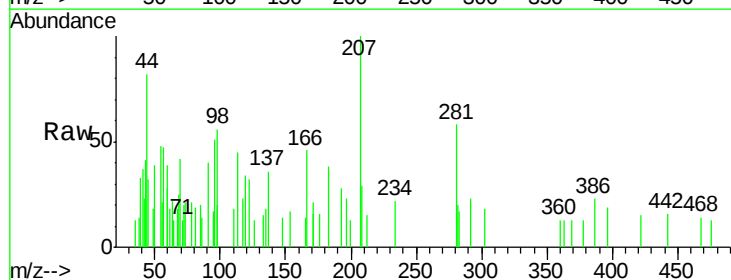
Tgt Ion:122 Resp: 263

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

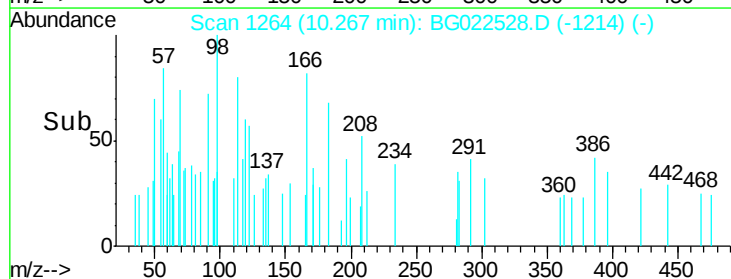
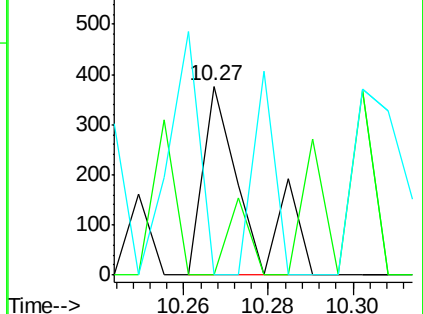
77 0.0 109.2 149.2#

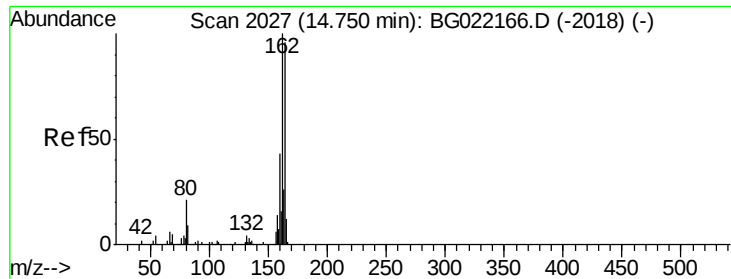


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





#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)

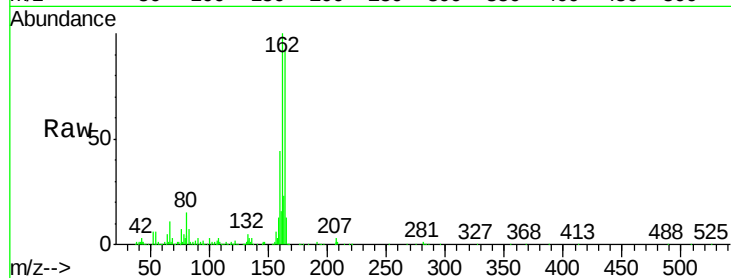
Tgt Ion:164 Resp: 252902

Ion Ratio Lower Upper

164 100

162 108.8 87.7 131.5

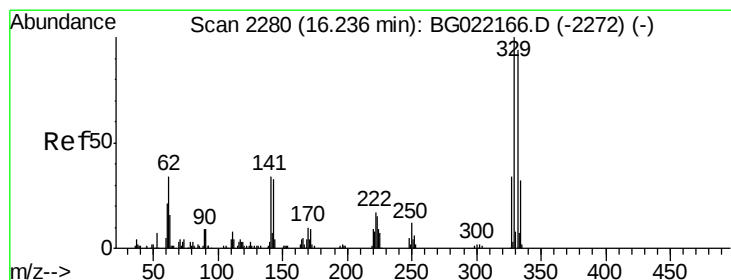
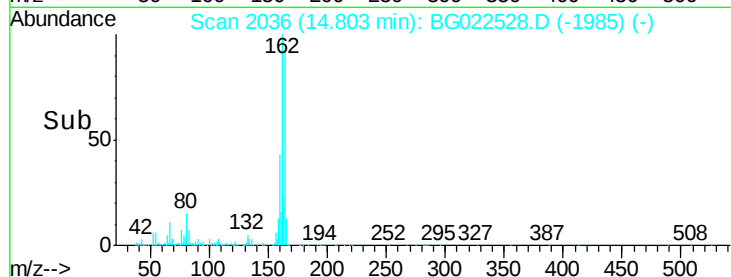
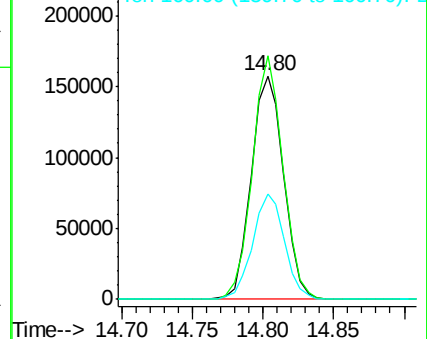
160 47.3 37.2 55.8



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

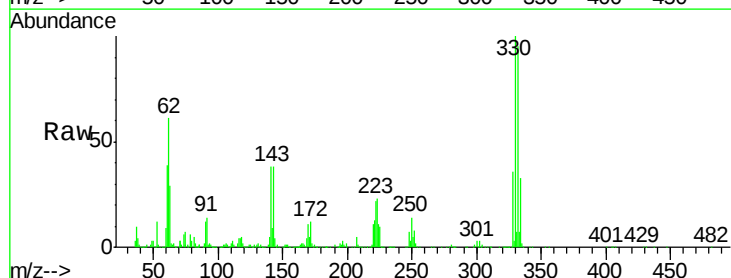
Tgt Ion:330 Resp: 643366

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

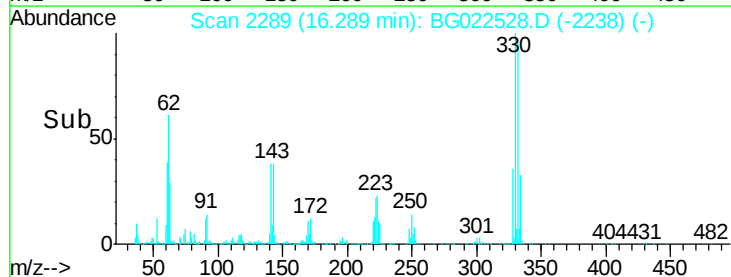
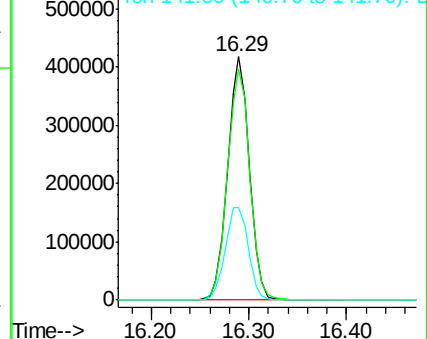
141 40.8 31.7 47.5

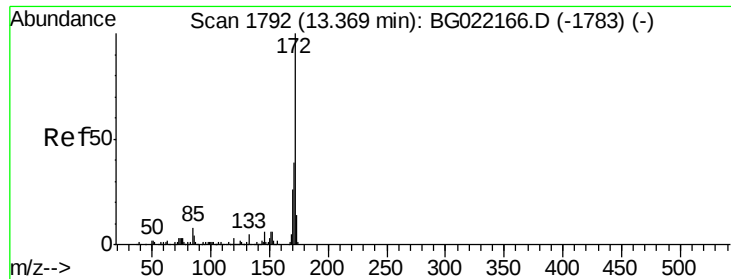


Abundance Ion 329.80 (329.50 to 330.50): E

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)

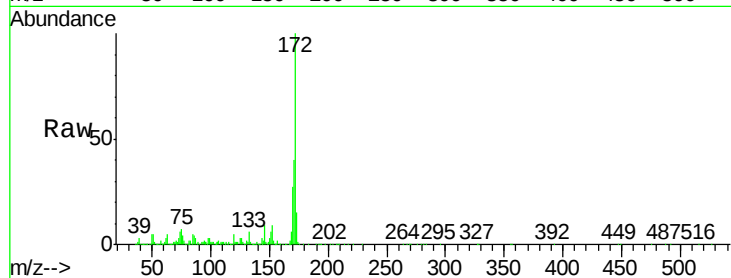
Tgt Ion:172 Resp: 1721783

Ion Ratio Lower Upper

172 100

171 39.8 31.6 47.4

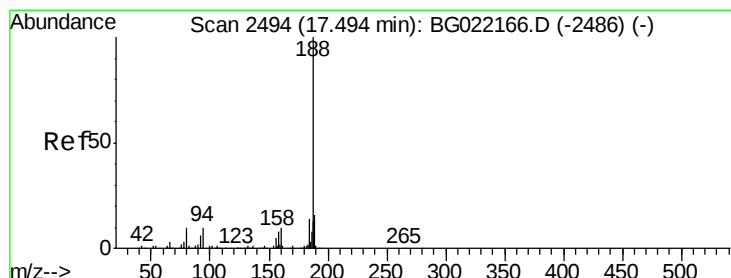
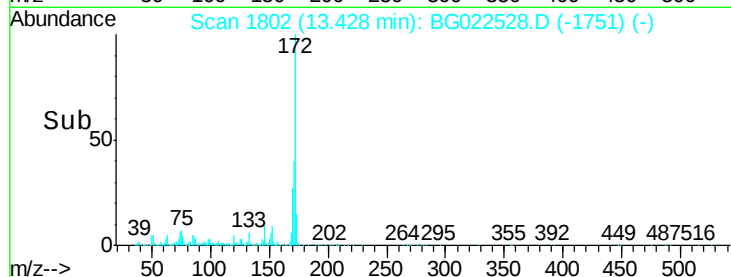
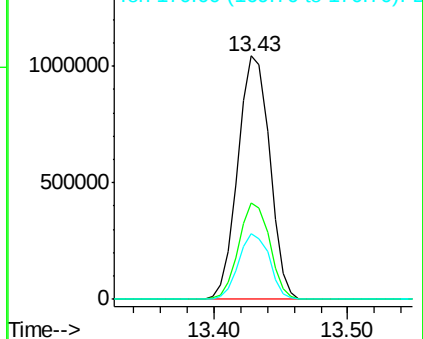
170 26.8 21.3 31.9



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

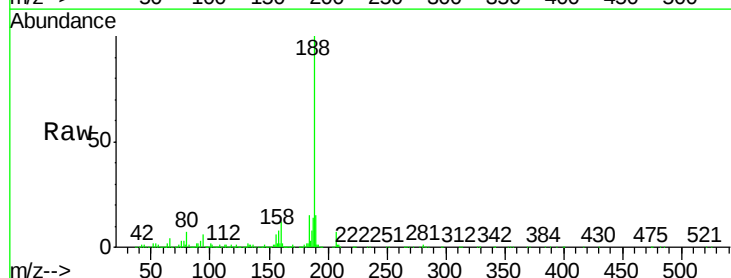
Tgt Ion:188 Resp: 658275

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

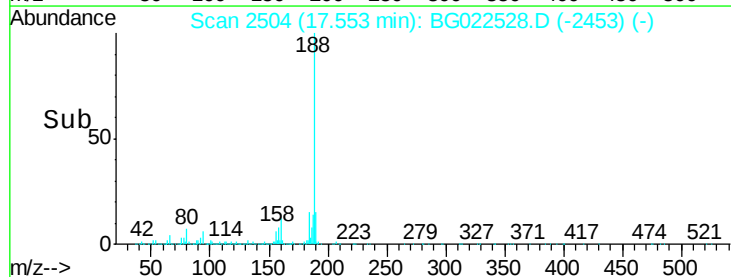
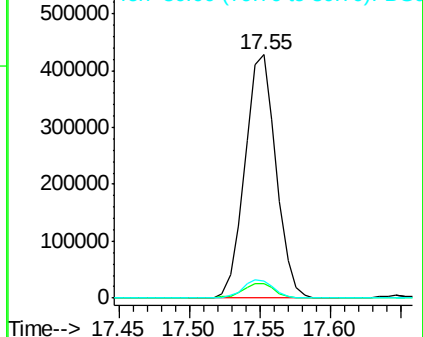
80 7.1 7.2 10.8#

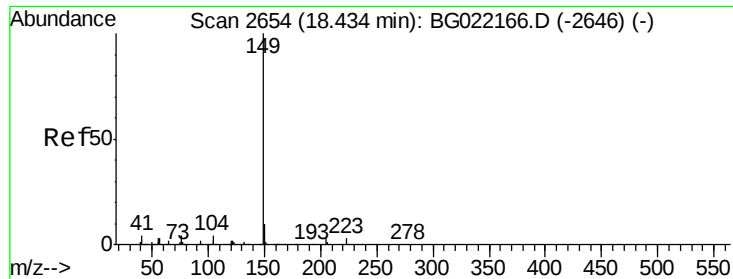


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.51 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

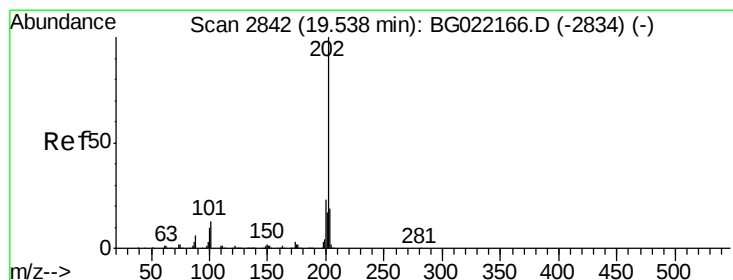
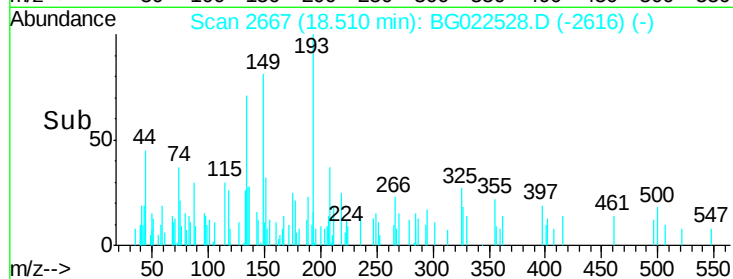
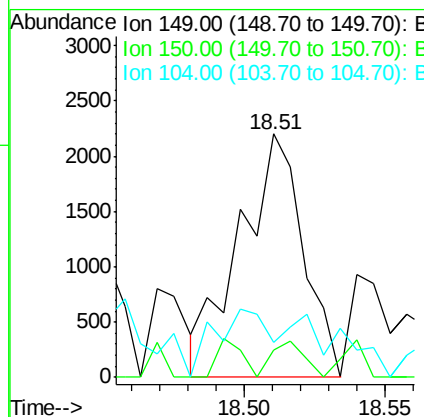
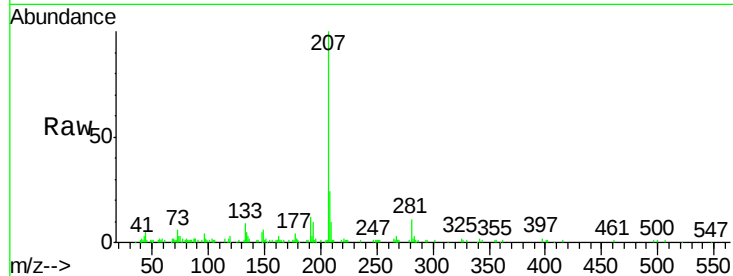
Instrument :

BNA_G

ClientSampleId :

SC-STA-1481(0-4)

Tgt Ion:	149	Resp:	3431
Ion Ratio	Lower	Upper	
149	100		
150	11.4	9.1	13.7
104	14.6	6.9	10.3#



#74

Fluoranthene

Concen: Below Cal

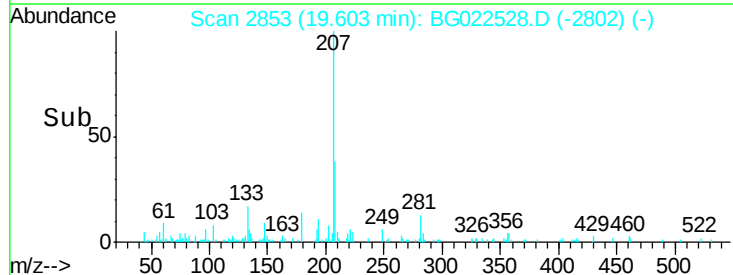
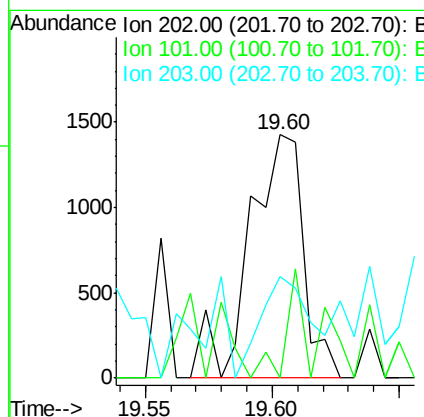
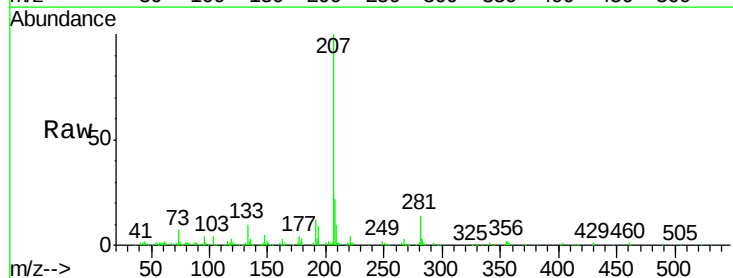
RT: 19.60 min Scan# 2853

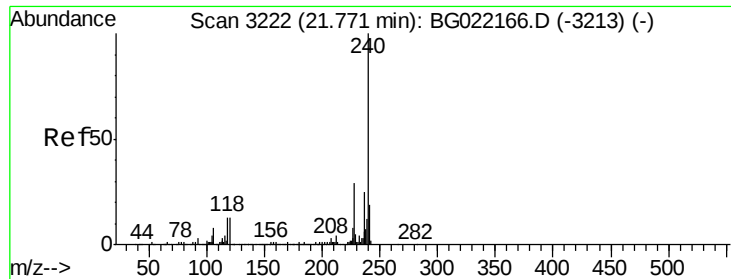
Delta R.T. -0.00 min

Lab File: BG022528.D

Acq: 24 Jun 2016 6:54

Tgt Ion:	202	Resp:	2085
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	27.4
203	41.7	1.7	41.7

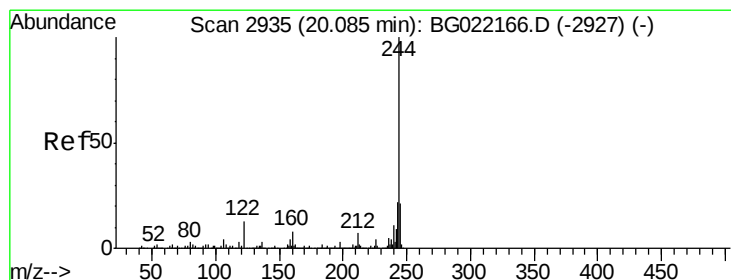
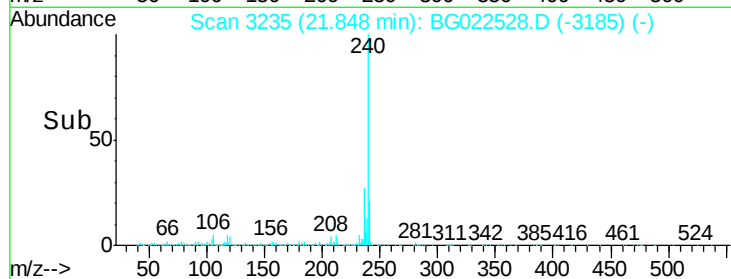
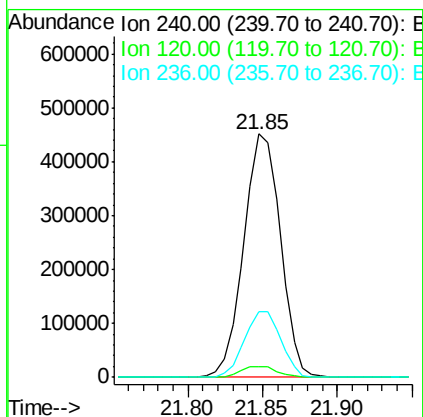
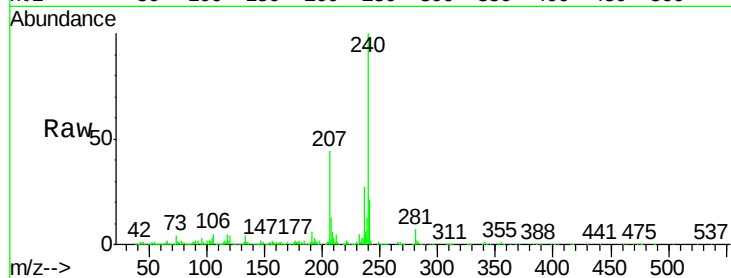




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG022528.D
Acq: 24 Jun 2016 6:54

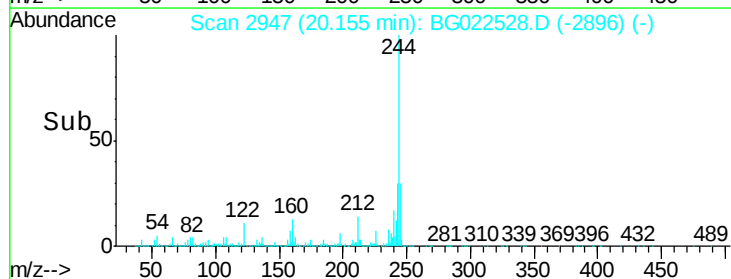
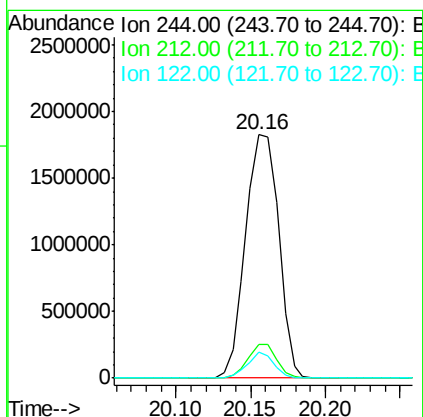
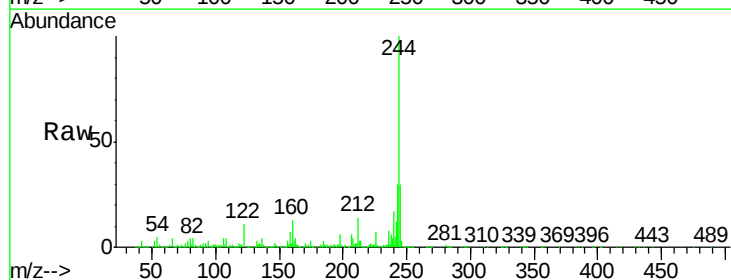
Instrument :
BNA_G
ClientSampleId :
SC-STA-1481(0-4)

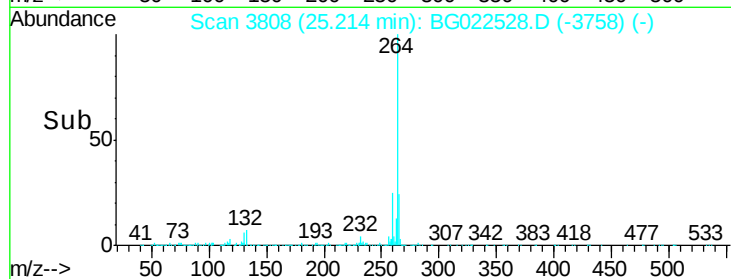
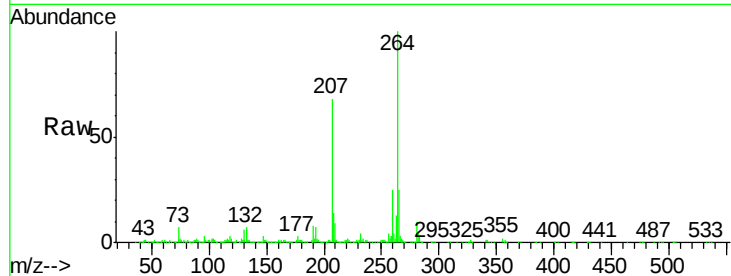
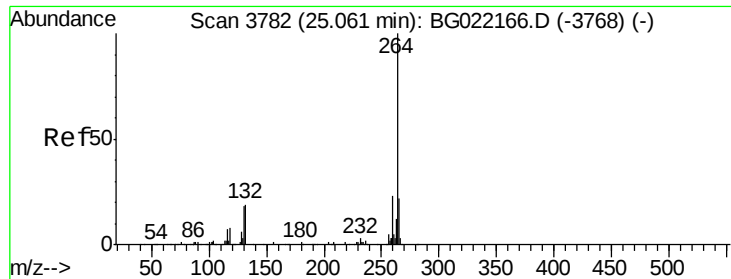
Tgt Ion:240 Resp: 766565
Ion Ratio Lower Upper
240 100
120 4.1 4.1 6.1
236 27.2 21.1 31.7



#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:244 Resp: 2802860
Ion Ratio Lower Upper
244 100
212 14.0 10.8 16.2
122 10.6 8.0 12.0





#86

Perylene-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)

Tgt Ion: 264 Resp: 750671

Ion Ratio Lower Upper

264 100

260 25.0 18.4 27.6

265 25.3 18.9 28.3

