

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
 Data File : BG016639.D
 Acq On : 23 Apr 2015 4:57
 Operator : TP/IZ
 Sample : G1976-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0434

Quant Time: Apr 23 07:06:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 03:17:21 2015
 Response via : Initial Calibration

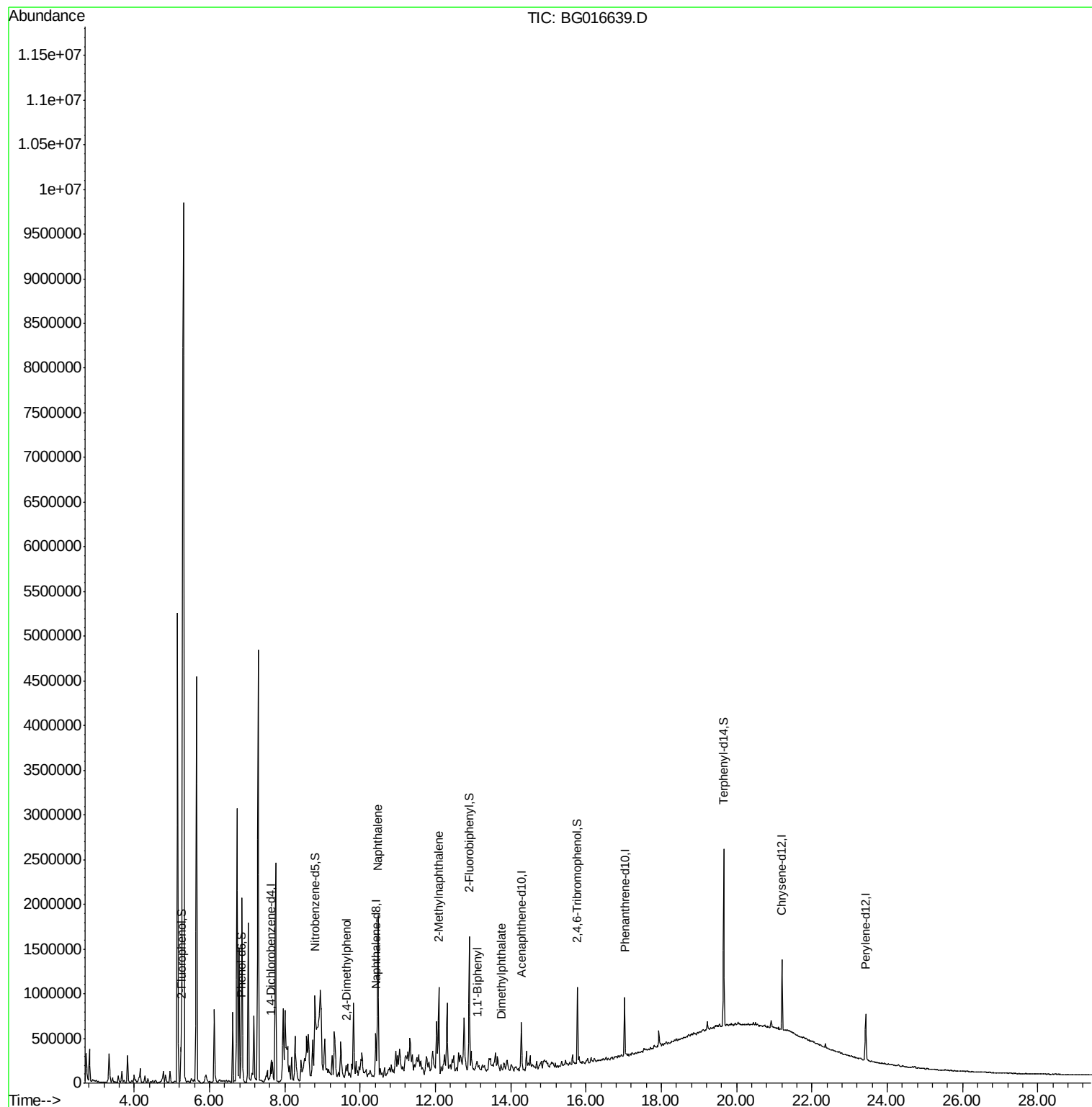
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	62076	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	271622	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	162473	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	338894	20.00	ng	0.00
75) Chrysene-d12	21.21	240	299634	20.00	ng	0.00
86) Perylene-d12	23.43	264	291296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	179150	46.25	ng	0.02
7) Phenol-d6	6.84	99	149638	27.65	ng	0.00
23) Nitrobenzene-d5	8.79	82	331094	75.06	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	122513	111.02	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	712240	72.60	ng	0.00
78) Terphenyl-d14	19.66	244	722256	58.07	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.62	122	18659	4.33	ng	98
31) Naphthalene	10.47	128	1414010	99.72	ng	97
37) 2-Methylnaphthalene	12.09	142	441937	43.54	ng	95
45) 1,1'-Biphenyl	13.11	154	35686	2.85	ng	98
49) Dimethylphthalate	13.74	163	27069	2.25	ng	# 95

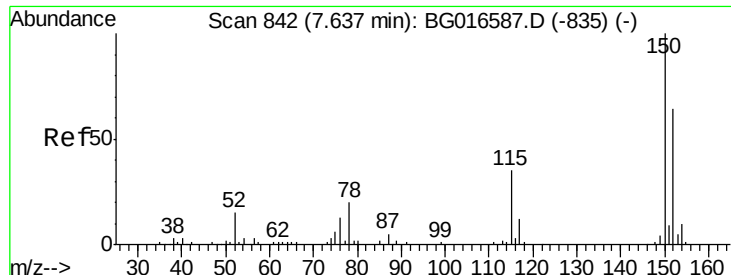
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 07:06:46 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 03:17:21 2015
Response via : Initial Calibration



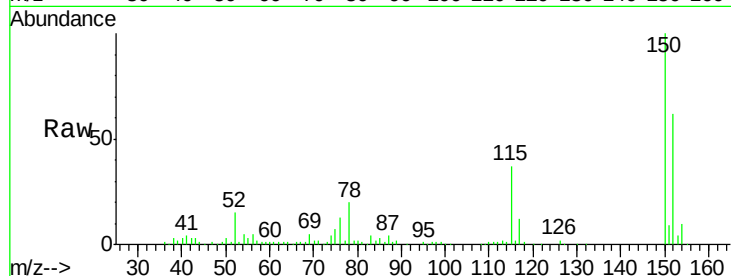


#1

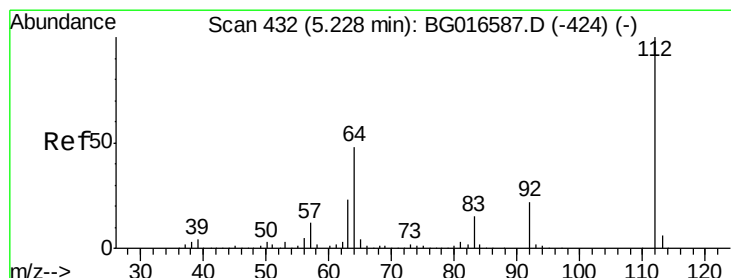
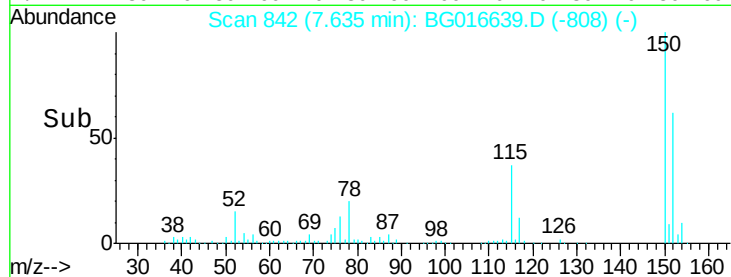
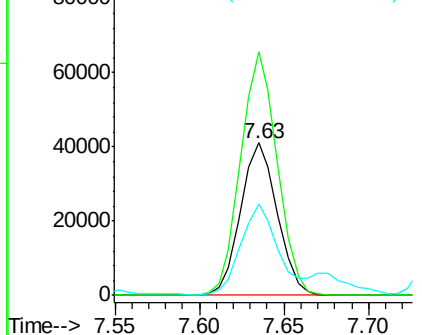
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016639.D
Acq: 23 Apr 2015 4:57

Instrument :
BNA_G
ClientSampled :
S8-0434

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.5	188.3
115	59.7	44.5	66.7



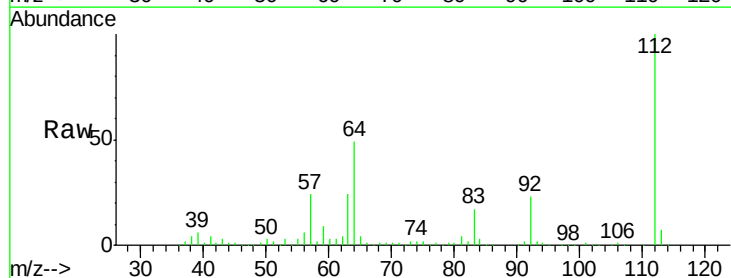
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



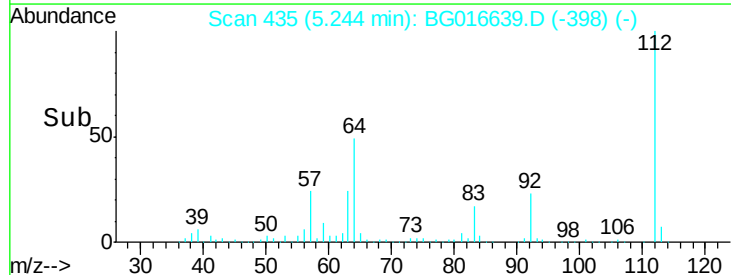
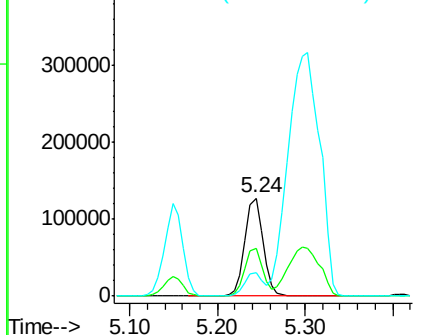
#5

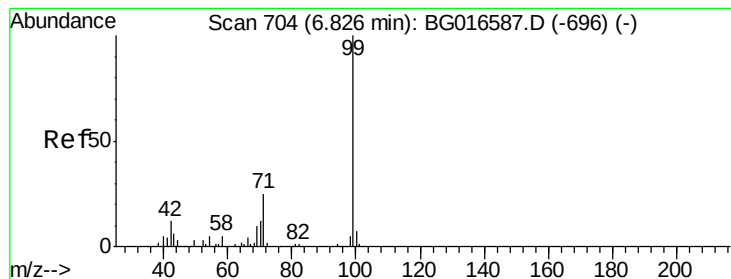
2-Fluorophenol
Concen: 46.25 ng
RT: 5.24 min Scan# 435
Delta R.T. 0.02 min
Lab File: BG016639.D
Acq: 23 Apr 2015 4:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.6	38.5	57.7
63	24.2	18.2	27.4



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: 27.65 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

Instrument :

BNA_G

ClientSampleId :

S8-0434

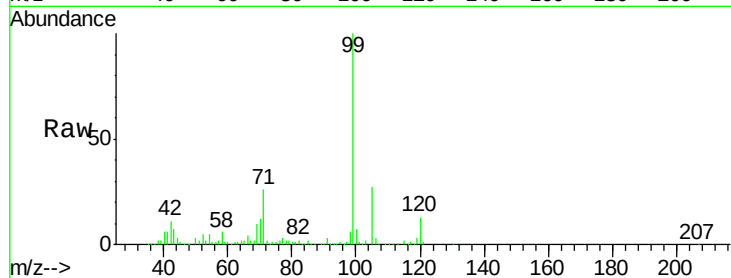
Tot Ion: 99 Resp: 149638

Ion Ratio Lower Upper

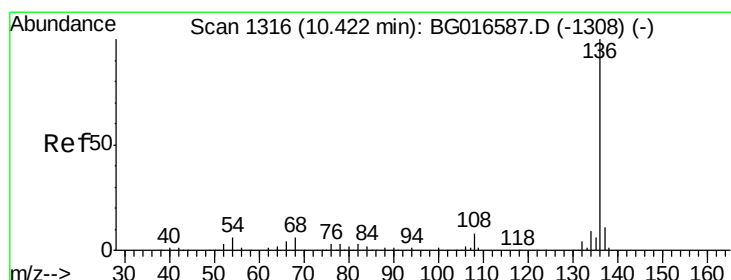
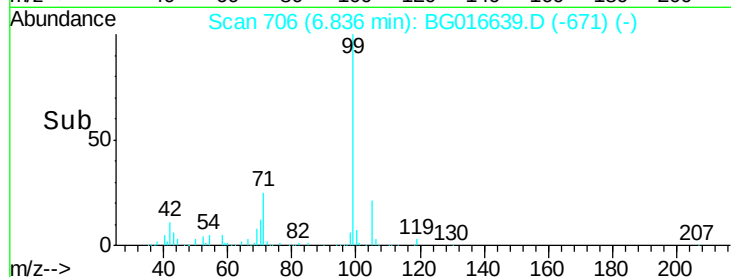
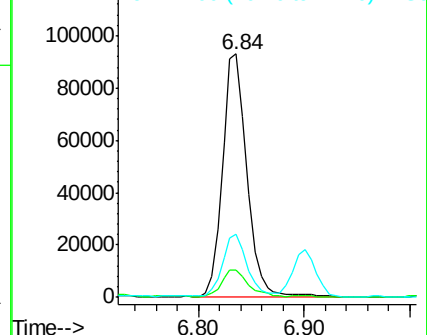
99 100

42 11.4 9.5 14.3

71 26.1 20.2 30.2



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: 10.42 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

Tgt Ion: 136 Resp: 271622

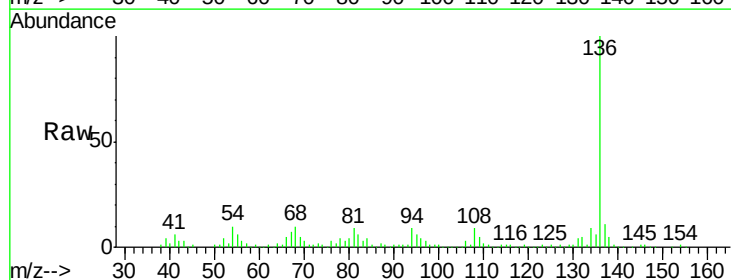
Ion Ratio Lower Upper

136 100

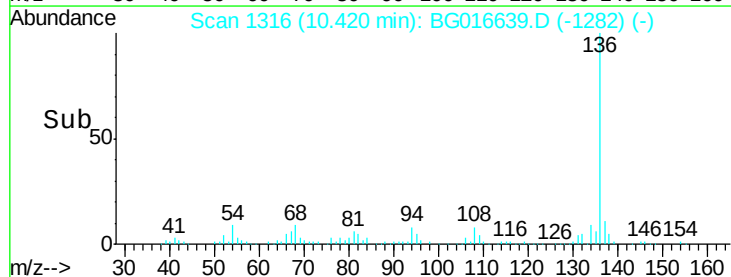
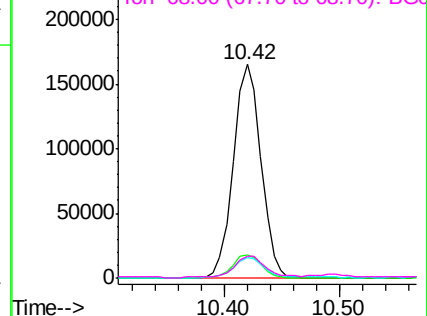
137 10.9 8.8 13.2

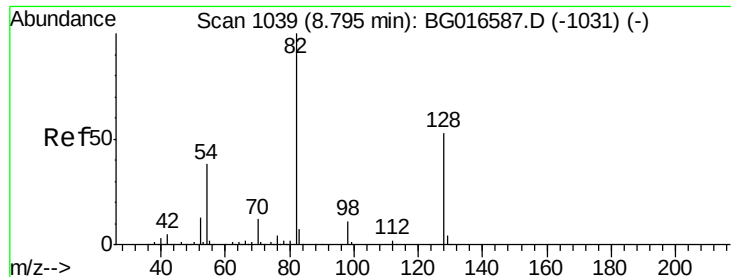
54 9.5 4.9 7.3#

68 10.2 4.9 7.3#



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

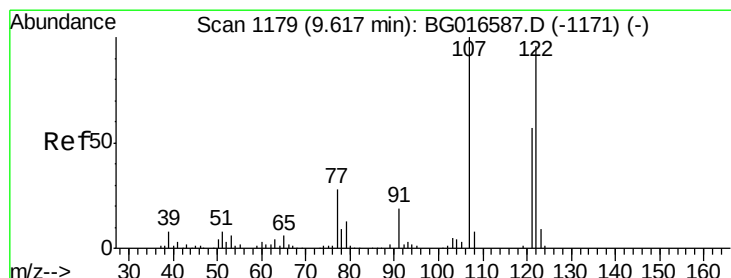
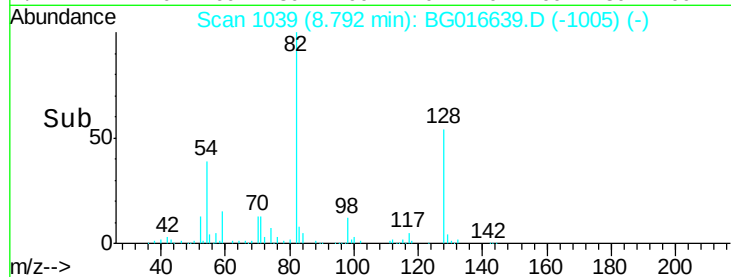
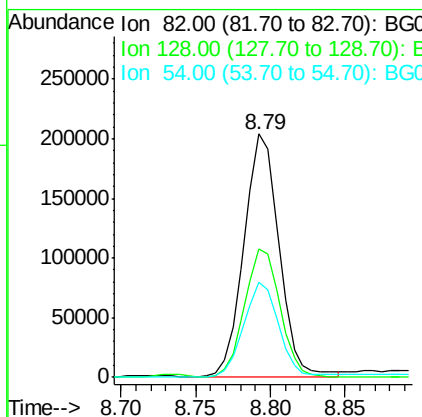
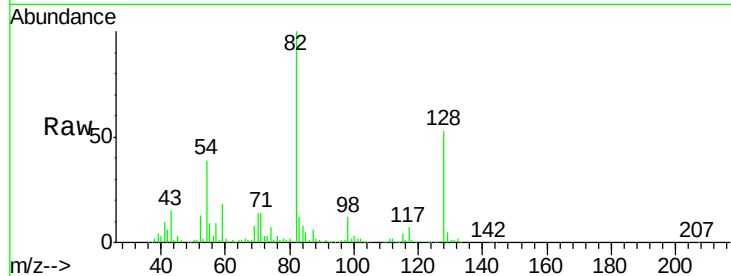




#23
 Nitrobenzene-d5
 Concen: 75.06 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG016639.D
 Acq: 23 Apr 2015 4:57

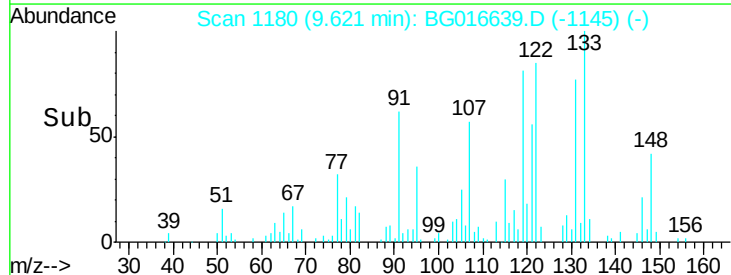
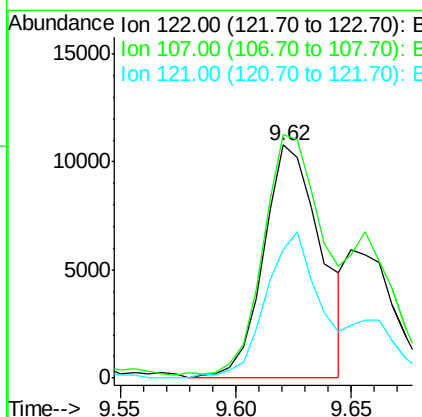
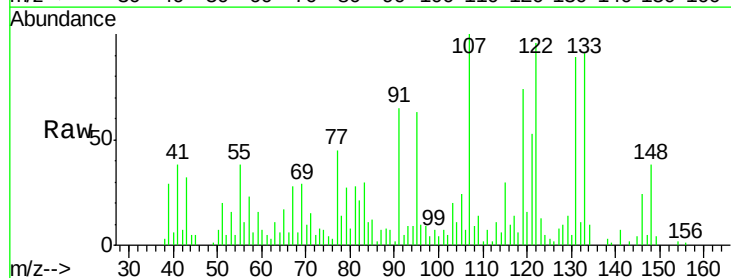
Instrument :
 BNA_G
 ClientSampleId :
 S8-0434

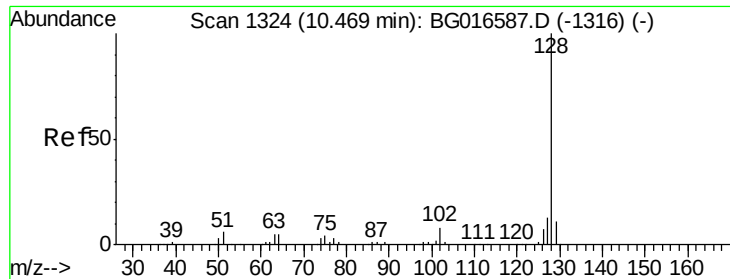
Tot Ion	82	Resp	331094
Ion Ratio	Lower	Upper	
82	100		
128	53.0	42.7	64.1
54	39.1	30.6	45.8



#27
 2,4-Dimethylphenol
 Concen: 4.33 ng
 RT: 9.62 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BG016639.D
 Acq: 23 Apr 2015 4:57

Tgt Ion	122	Resp	18659
Ion Ratio	Lower	Upper	
122	100		
107	104.3	82.9	124.3
121	55.0	47.0	70.4

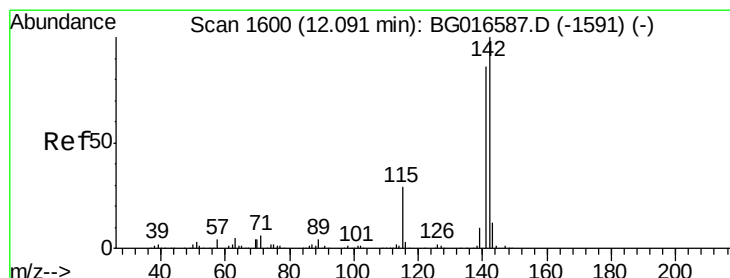
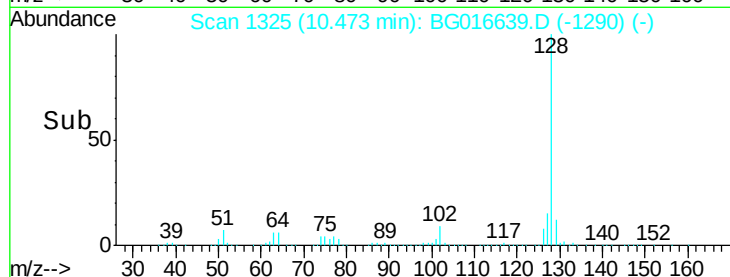
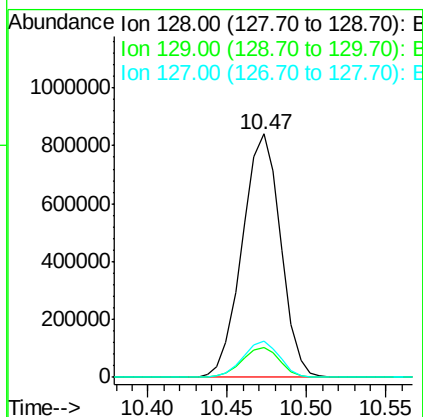
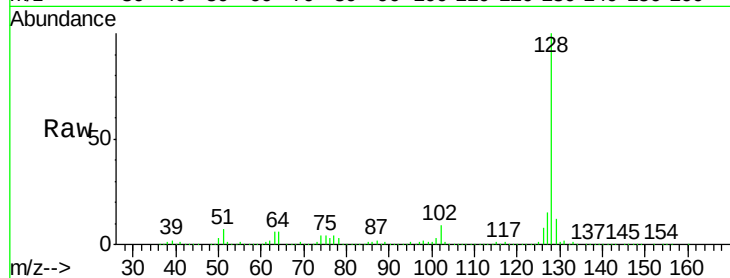




#31
Naphthalene
Concen: 99.72 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG016639.D
Acq: 23 Apr 2015 4:57

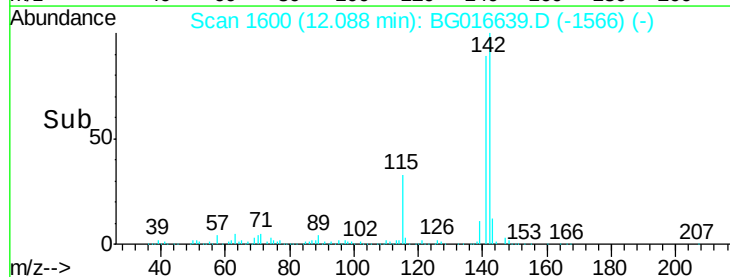
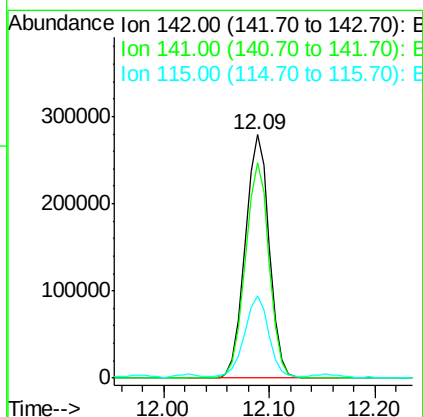
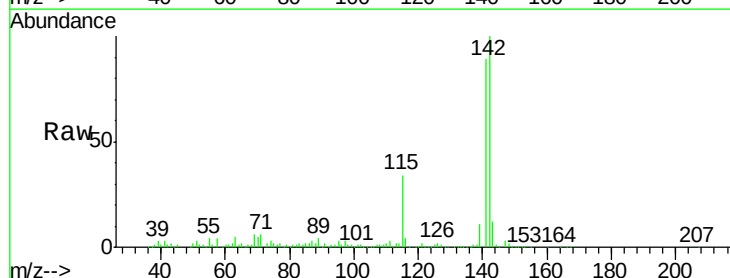
Instrument :
BNA_G
ClientSampleId :
S8-0434

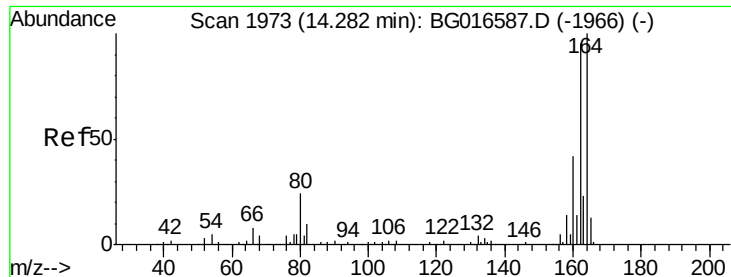
Tot Ion:128 Resp: 1414010
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 14.8 10.6 16.0



#37
2-Methylnaphthalene
Concen: 43.54 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG016639.D
Acq: 23 Apr 2015 4:57

Tgt Ion:142 Resp: 441937
Ion Ratio Lower Upper
142 100
141 88.6 68.6 102.8
115 34.0 23.3 34.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.28 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

Instrument :

BNA_G

ClientSampleId :

S8-0434

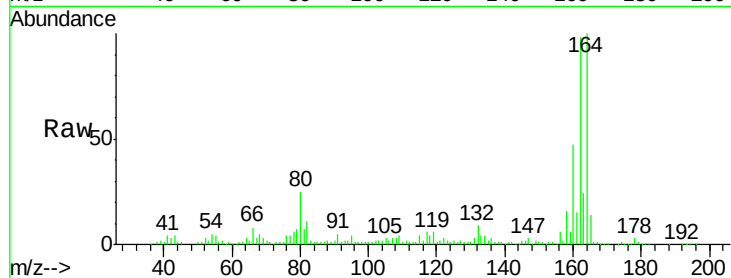
Tot Ion:164 Resp: 162473

Ion Ratio Lower Upper

164 100

162 97.6 75.8 113.6

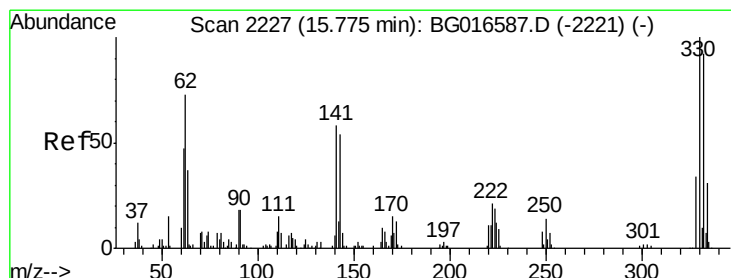
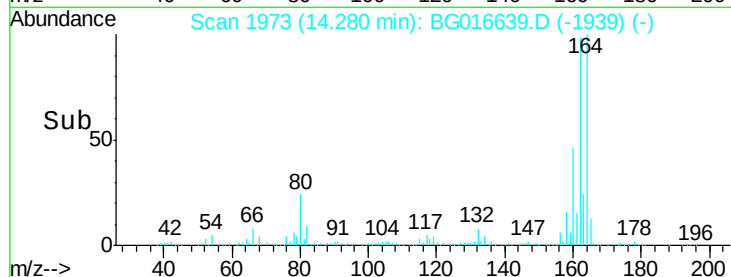
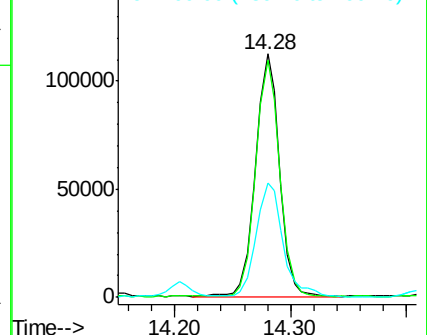
160 46.7 33.8 50.6



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: 111.02 ng

RT: 15.78 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

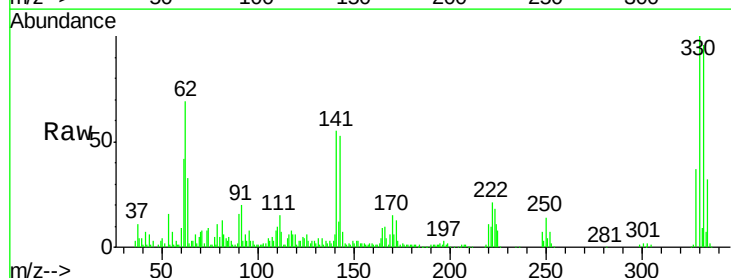
Tgt Ion:330 Resp: 122513

Ion Ratio Lower Upper

330 100

332 94.9 76.6 114.8

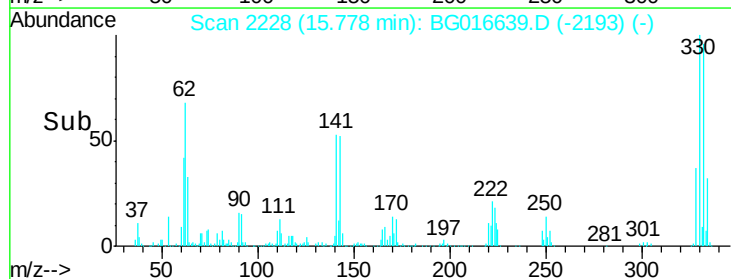
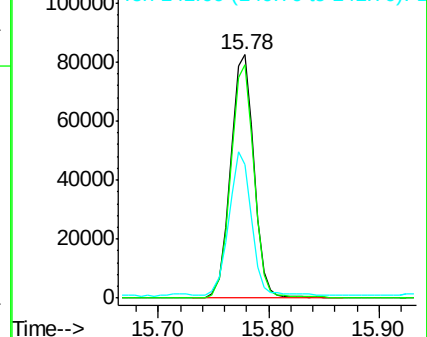
141 56.5 45.9 68.9

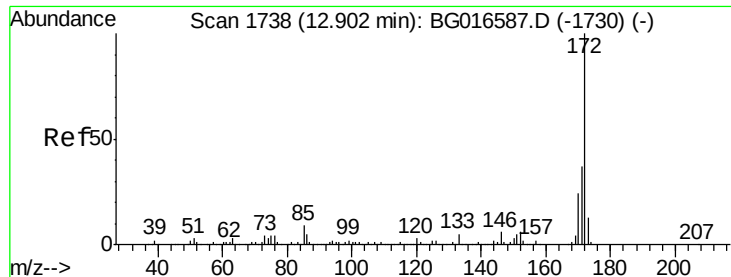


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

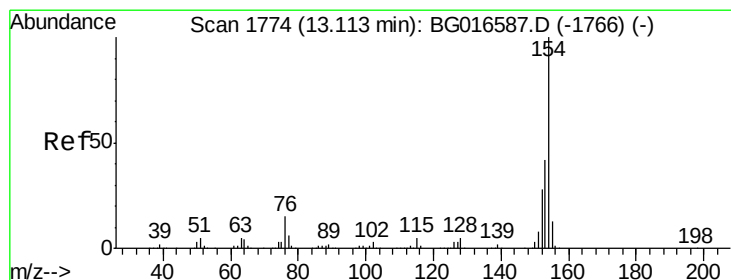
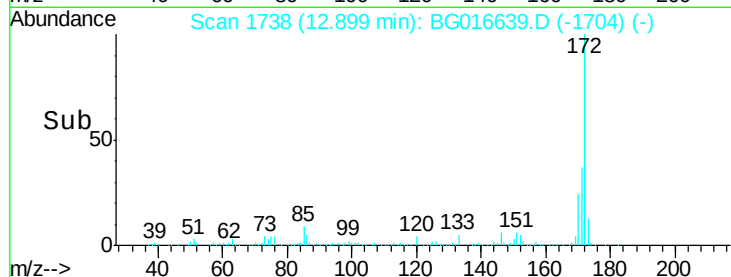
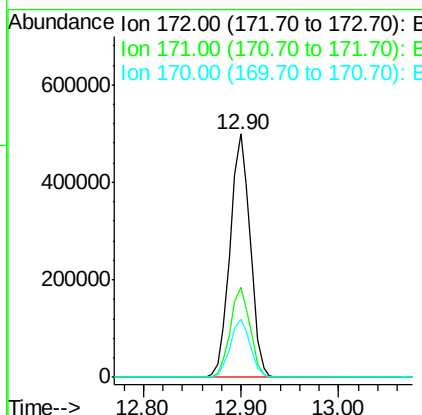
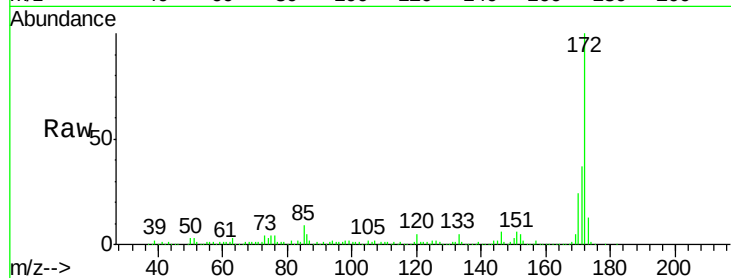




#44
2-Fluorobiphenyl
Concen: 72.60 ng
RT: 12.90 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG016639.D
Acq: 23 Apr 2015 4:57

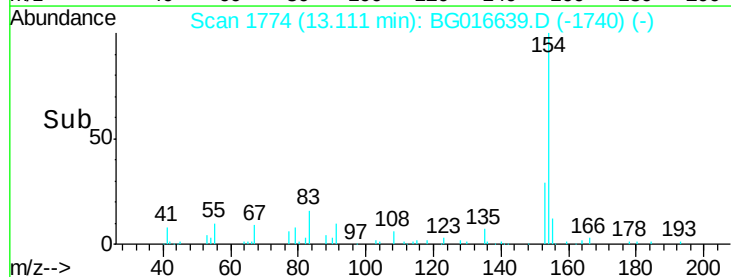
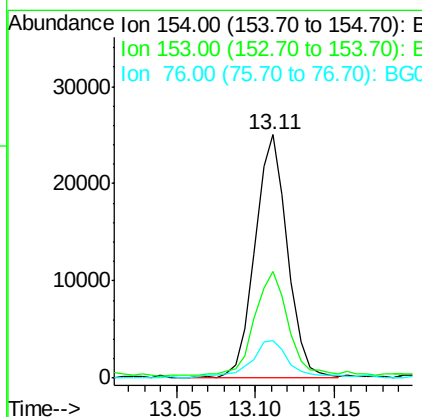
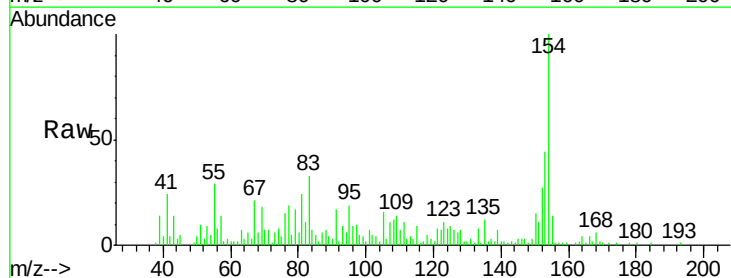
Instrument :
BNA_G
ClientSampleId :
S8-0434

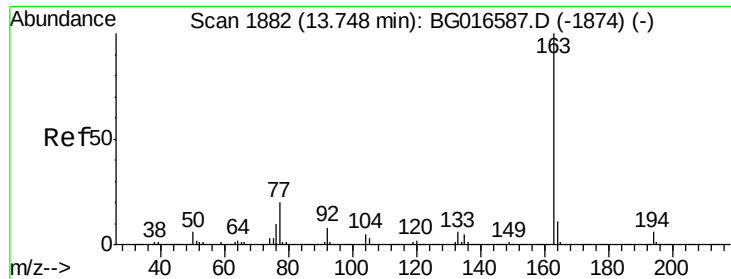
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	23.9	19.4	29.0



#45
1,1'-Biphenyl
Concen: 2.85 ng
RT: 13.11 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG016639.D
Acq: 23 Apr 2015 4:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	22.4	62.4
76	15.5	0.0	35.1





#49

Dimethylphthalate

Concen: 2.25 ng

RT: 13.74 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

Instrument :

BNA_G

ClientSampleId :

S8-0434

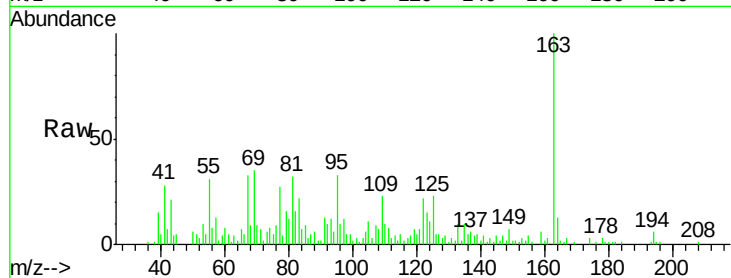
Tot Ion:163 Resp: 27069

Ion Ratio Lower Upper

163 100

194 6.4 4.9 7.3

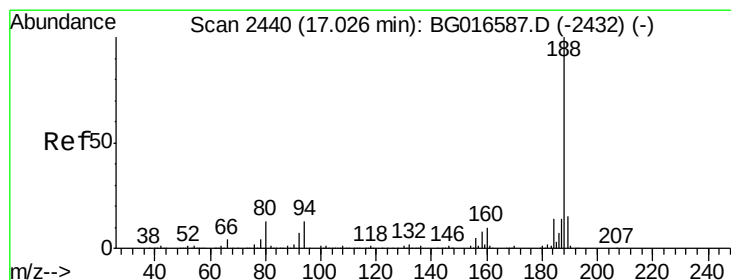
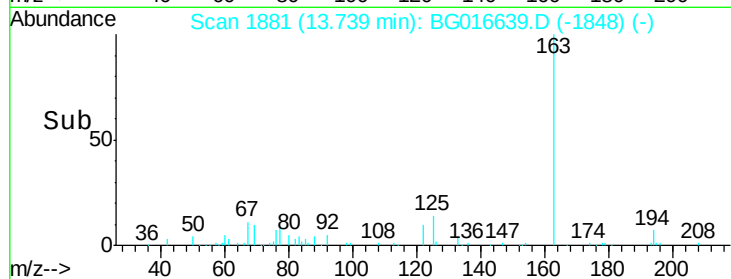
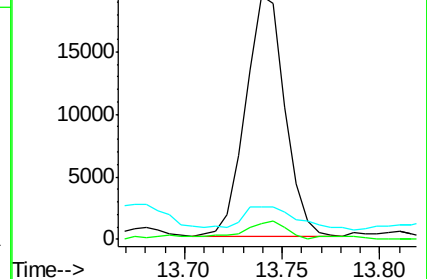
164 13.3 8.6 12.8#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.02 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

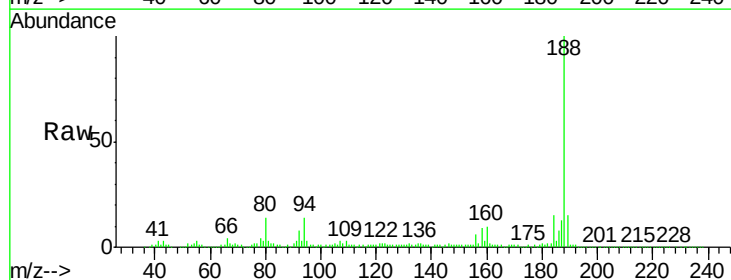
Tgt Ion:188 Resp: 338894

Ion Ratio Lower Upper

188 100

94 14.0 10.5 15.7

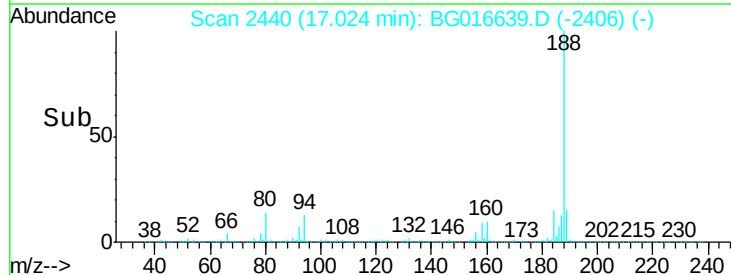
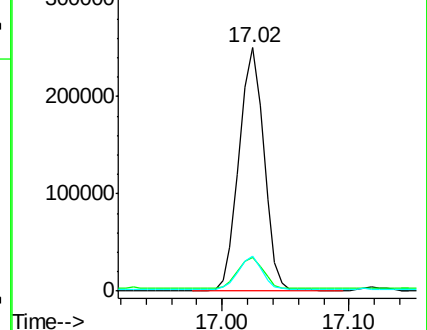
80 14.4 10.6 16.0

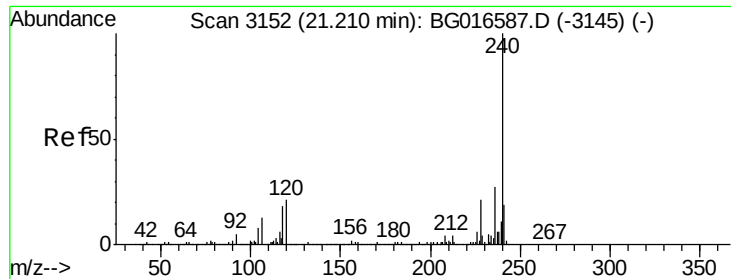


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

Instrument :

BNA_G

ClientSampleId :

S8-0434

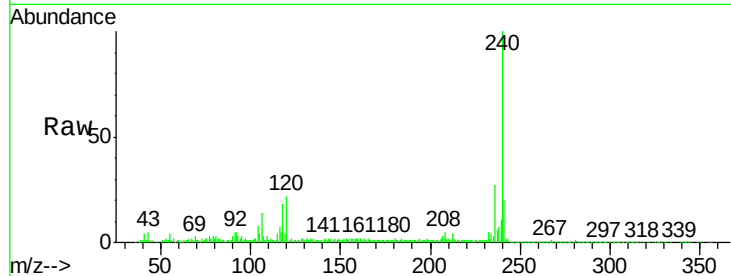
Tot Ion:240 Resp: 299634

Ion Ratio Lower Upper

240 100

120 21.8 16.7 25.1

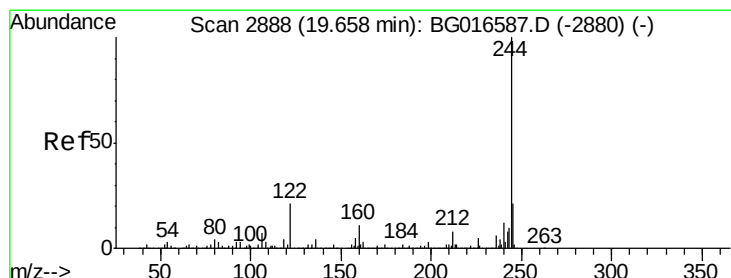
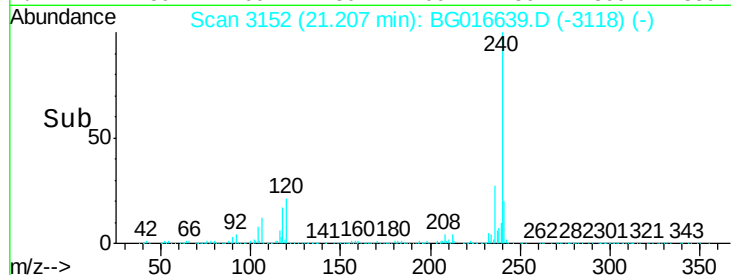
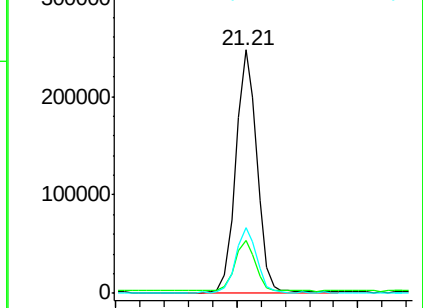
236 27.2 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 58.07 ng

RT: 19.66 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG016639.D

Acq: 23 Apr 2015 4:57

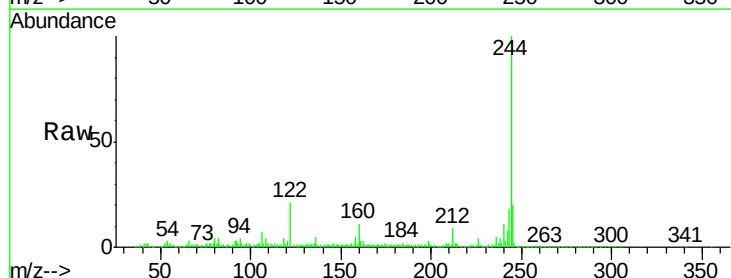
Tgt Ion:244 Resp: 722256

Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

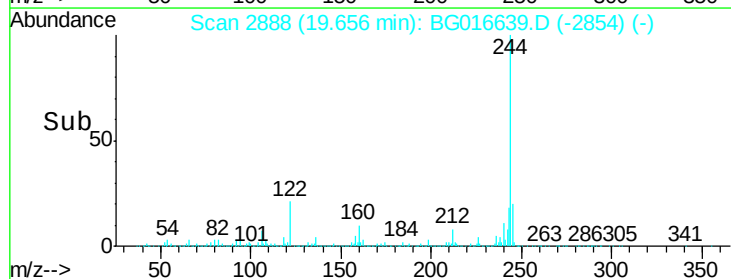
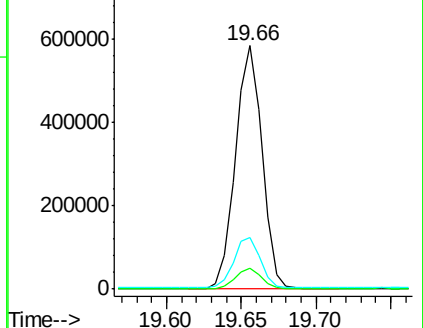
122 21.2 17.0 25.6

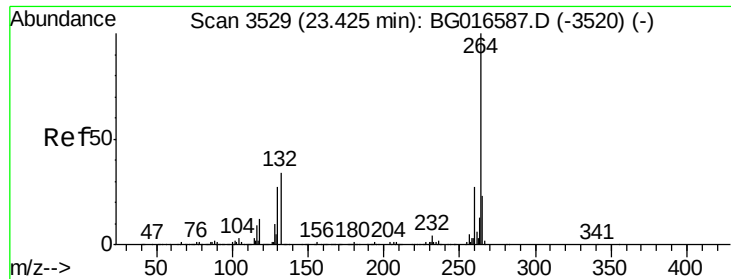


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

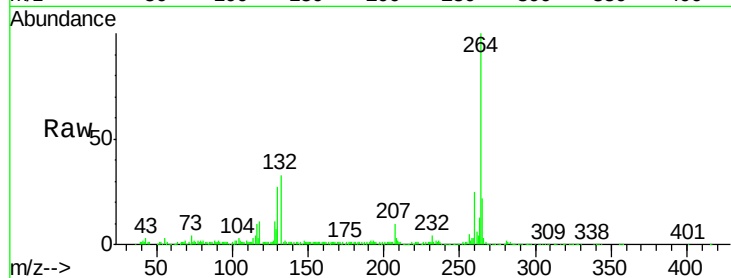




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG016639.D
Acq: 23 Apr 2015 4:57

Instrument :
BNA_G
ClientSampleId :
S8-0434

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.4	32.2
265	22.5	18.7	28.1



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

