

Data Path : Z:\HPCHEM1\BNA_G\Data\BG010915\
 Data File : BG015874.D
 Acq On : 9 Jan 2015 17:46
 Operator : TP/IZ
 Sample : G1055-01
 Misc : S
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8

Quant Time: Jan 10 01:40:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 08:46:19 2015
 Response via : Initial Calibration

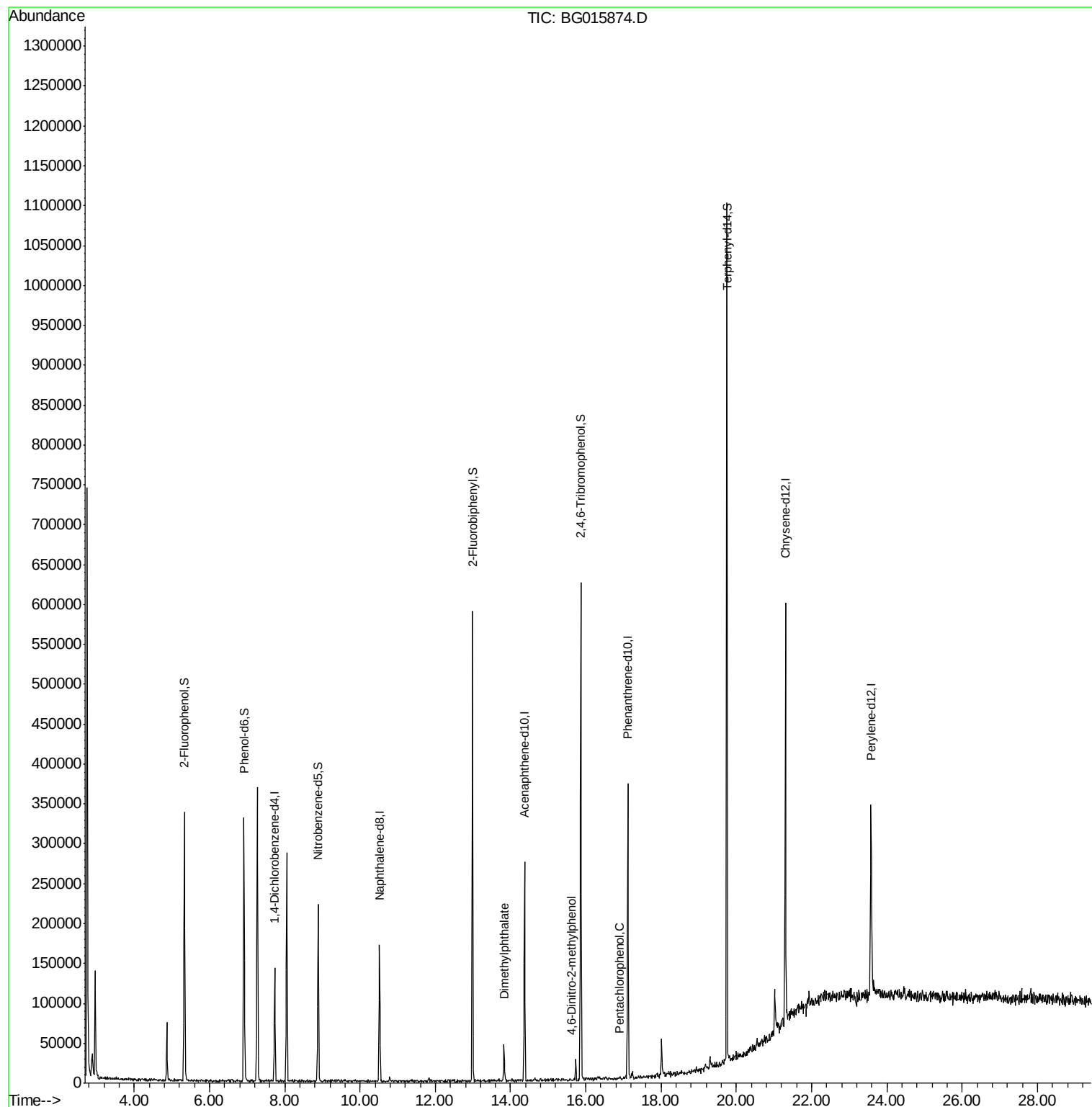
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	30733	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	116120	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	87749	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	205091	20.00	ng	0.00
75) Chrysene-d12	21.30	240	272443	20.00	ng	0.00
86) Perylene-d12	23.57	264	210713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	138408	38.73	ng	0.00
7) Phenol-d6	6.92	99	185853	37.34	ng	0.00
23) Nitrobenzene-d5	8.89	82	135002	22.81	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	121343	36.38	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	268616	21.86	ng	0.00
78) Terphenyl-d14	19.74	244	478373	19.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.83	163	25099	3.88	ng	# 94
64) 4,6-Dinitro-2-methylphenol	15.62	198	160	3.65	ng	# 39
69) Pentachlorophenol	16.88	266	65	3.14	ng	# 20

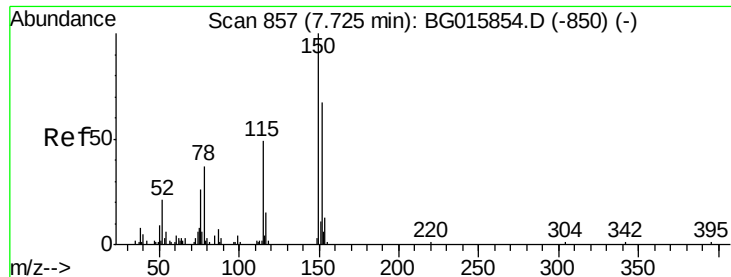
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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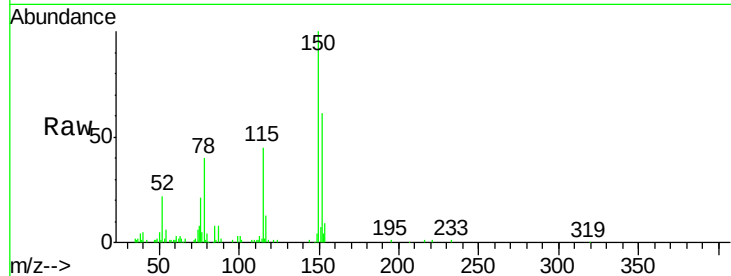


#1

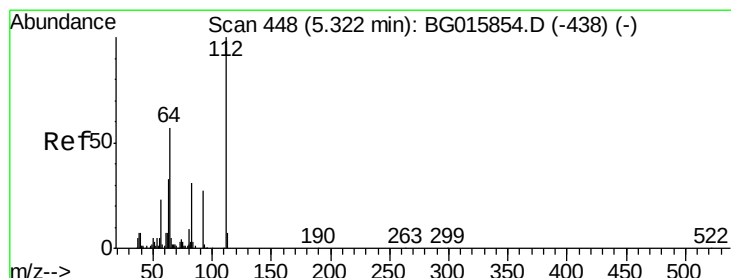
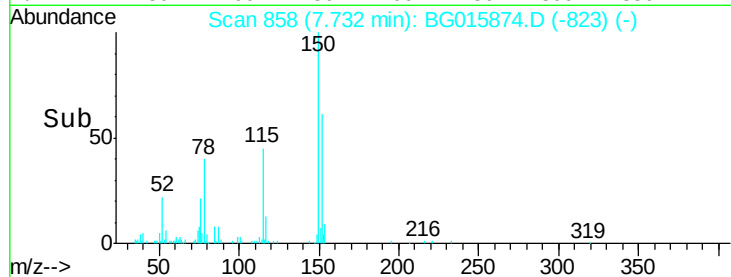
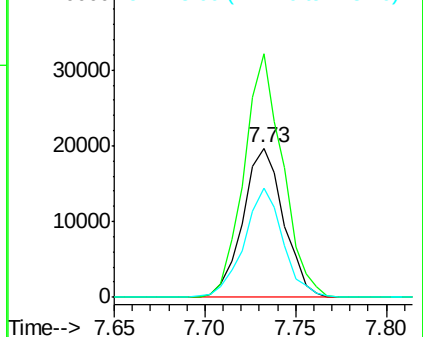
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.73 min Scan# 858
Delta R.T. 0.00 min
Lab File: BG015874.D
Acq: 9 Jan 2015 17:46

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8

Tgt Ion:152 Resp: 30733
Ion Ratio Lower Upper
152 100
150 163.5 120.5 180.7
115 73.0 54.0 81.0



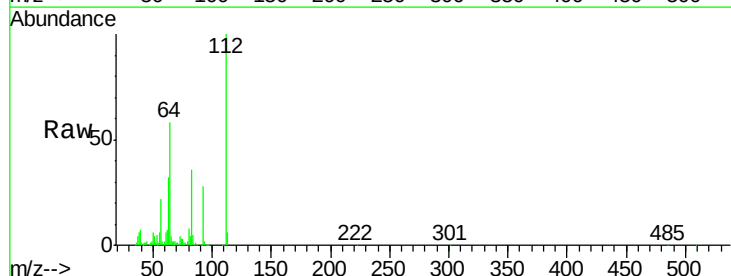
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



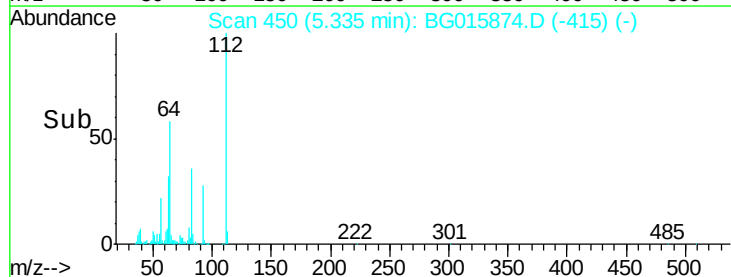
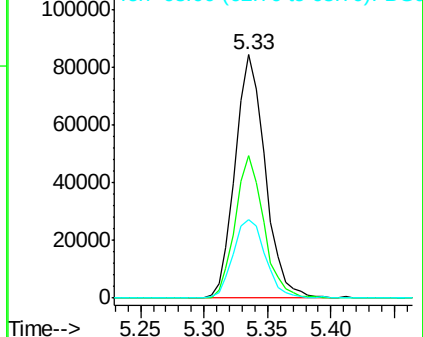
#5

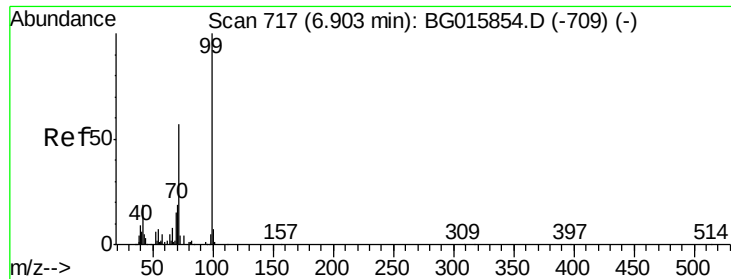
2-Fluorophenol
Concen: 38.73 ng
RT: 5.33 min Scan# 450
Delta R.T. 0.00 min
Lab File: BG015874.D
Acq: 9 Jan 2015 17:46

Tgt Ion:112 Resp: 138408
Ion Ratio Lower Upper
112 100
64 58.4 46.8 70.2
63 32.3 30.6 45.8



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: 37.34 ng

RT: 6.92 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG015874.D

Acq: 9 Jan 2015 17:46

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8

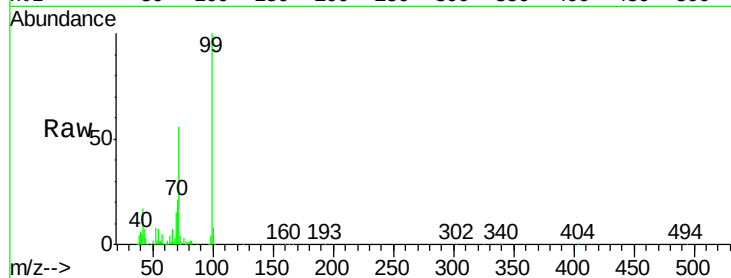
Tgt Ion: 99 Resp: 185853

Ion Ratio Lower Upper

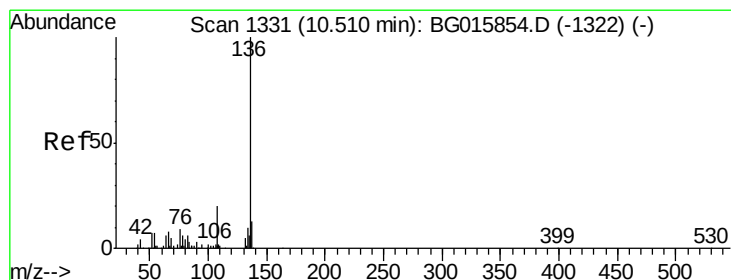
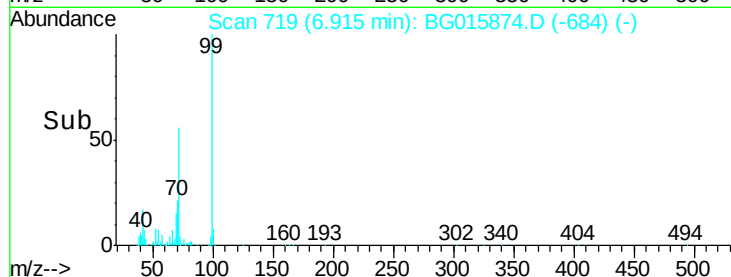
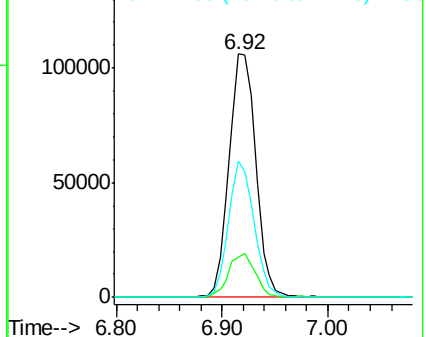
99 100

42 16.6 13.8 20.8

71 55.9 42.8 64.2



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: 10.52 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BG015874.D

Acq: 9 Jan 2015 17:46

Tgt Ion: 136 Resp: 116120

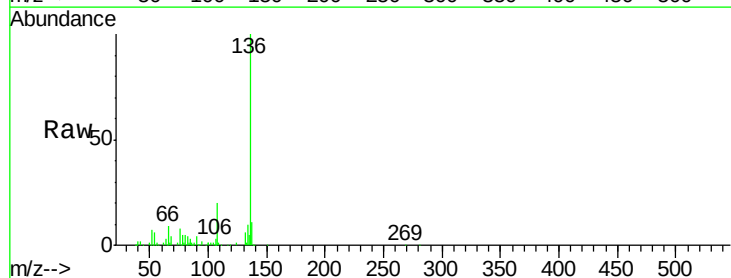
Ion Ratio Lower Upper

136 100

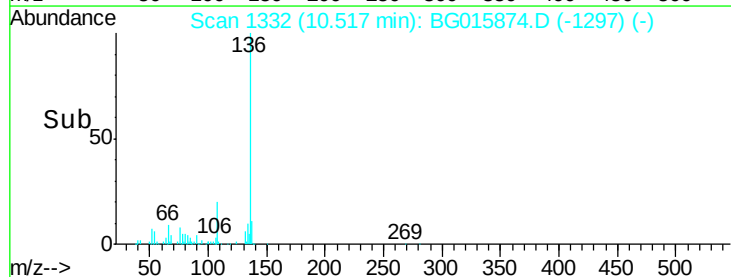
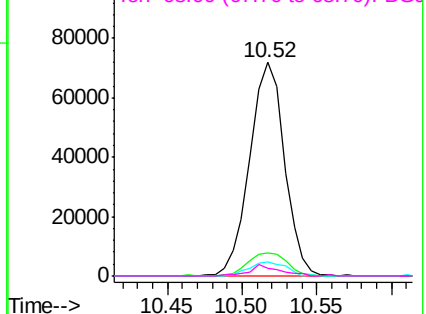
137 10.6 9.6 14.4

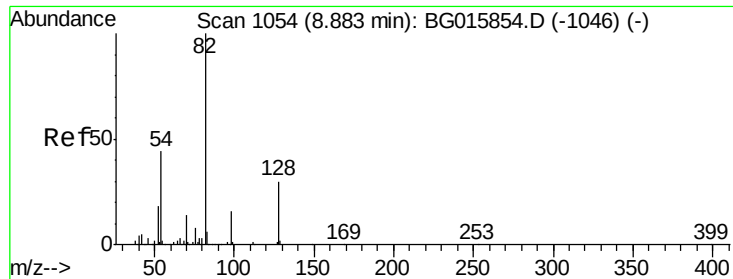
54 6.3 4.5 6.7

68 3.7 5.0 7.4#



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

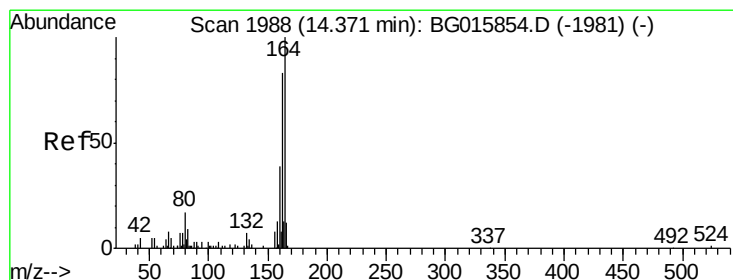
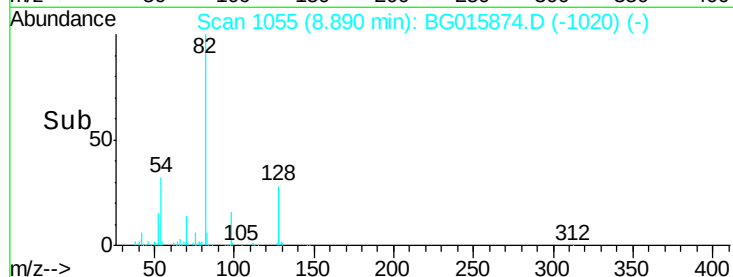
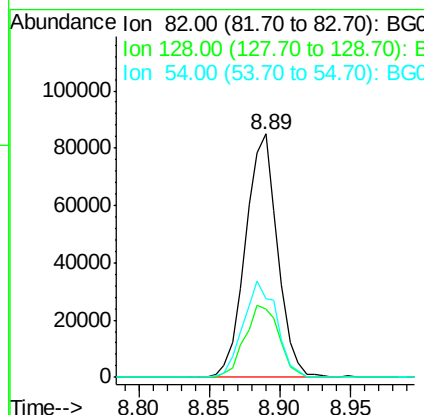
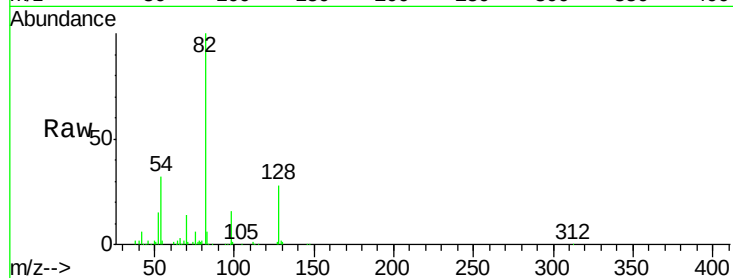




#23
 Nitrobenzene-d5
 Concen: 22.81 ng
 RT: 8.89 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG015874.D
 Acq: 9 Jan 2015 17:46

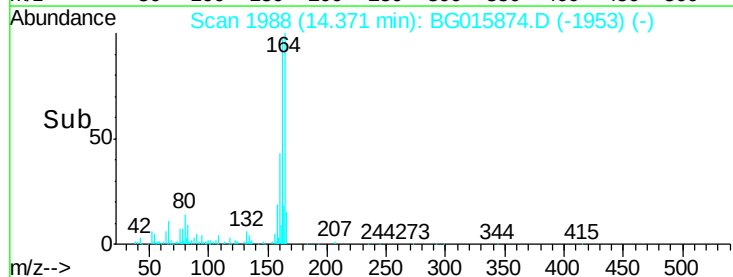
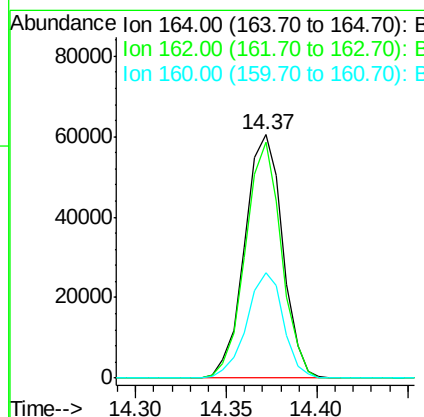
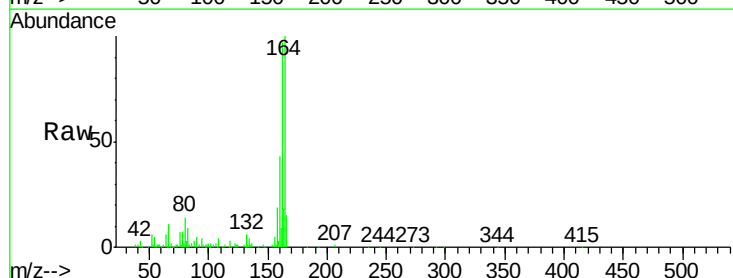
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8

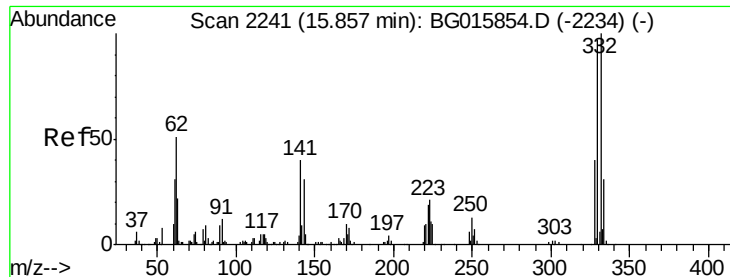
Tgt Ion: 82 Resp: 135002
 Ion Ratio Lower Upper
 82 100
 128 28.1 23.4 35.0
 54 32.0 32.3 48.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.37 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BG015874.D
 Acq: 9 Jan 2015 17:46

Tgt Ion: 164 Resp: 87749
 Ion Ratio Lower Upper
 164 100
 162 97.0 75.5 113.3
 160 43.5 37.4 56.0

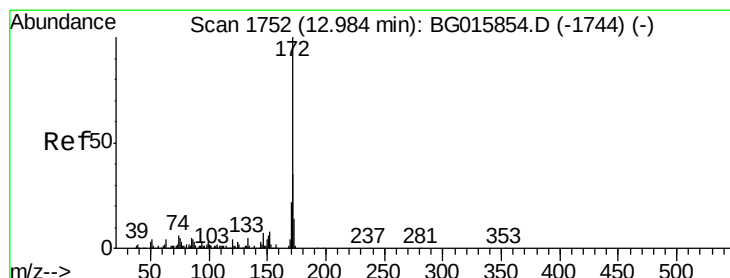
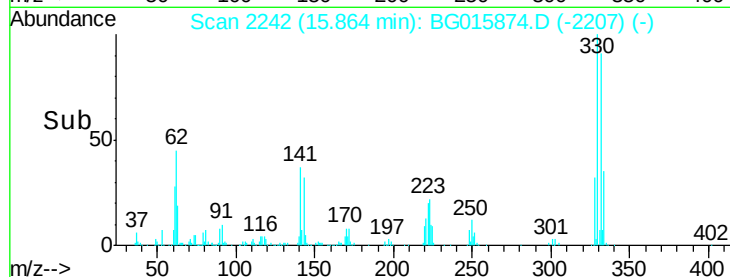
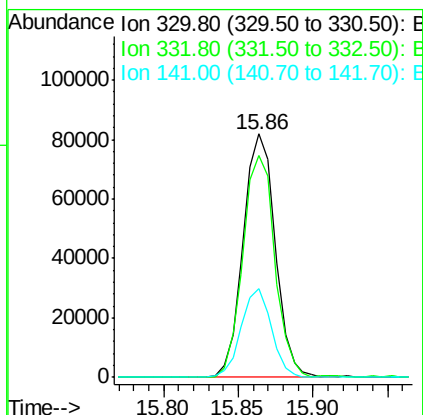
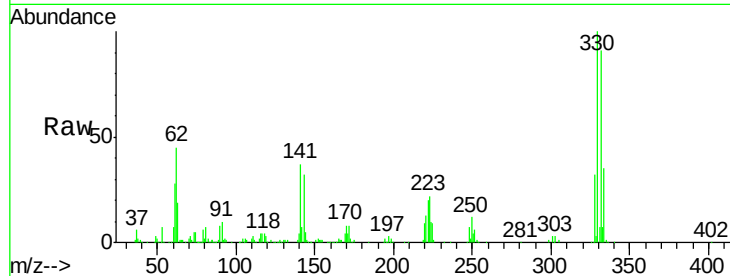




#41
 2,4,6-Tribromophenol
 Concen: 36.38 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG015874.D
 Acq: 9 Jan 2015 17:46

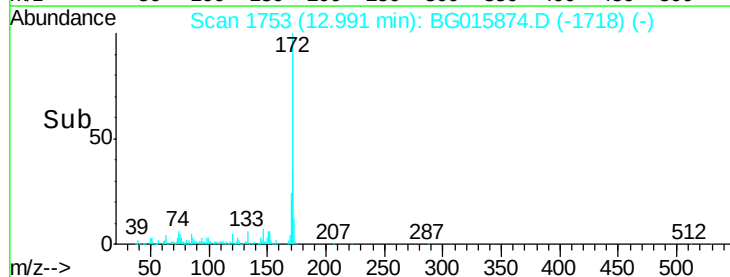
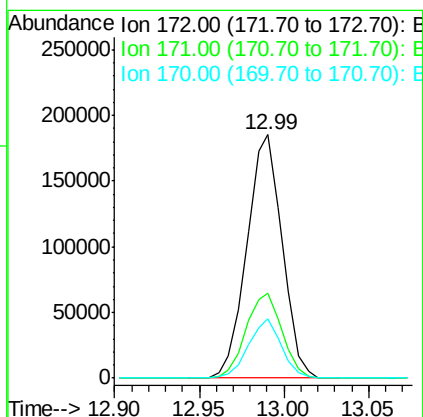
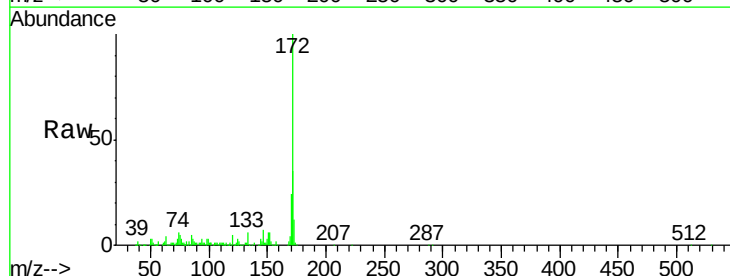
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8

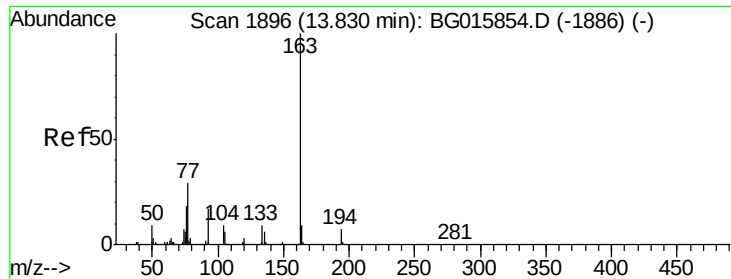
Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.5	73.8	110.8
141	34.6	27.2	40.8



#44
 2-Fluorobiphenyl
 Concen: 21.86 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG015874.D
 Acq: 9 Jan 2015 17:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	24.2	18.2	27.4





#49

Dimethylphthalate

Concen: 3.88 ng

RT: 13.83 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG015874.D

Acq: 9 Jan 2015 17:46

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8

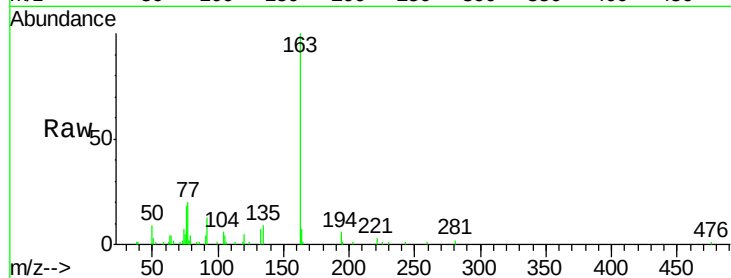
Tgt Ion:163 Resp: 25099

Ion Ratio Lower Upper

163 100

194 6.4 6.7 10.1#

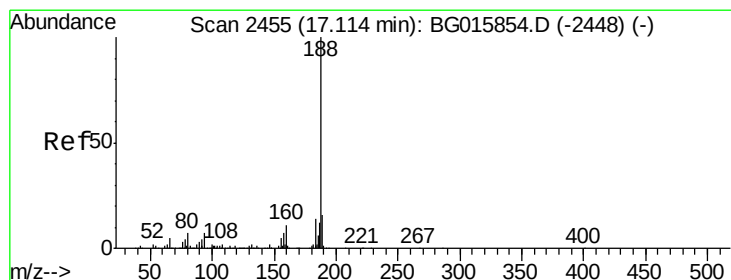
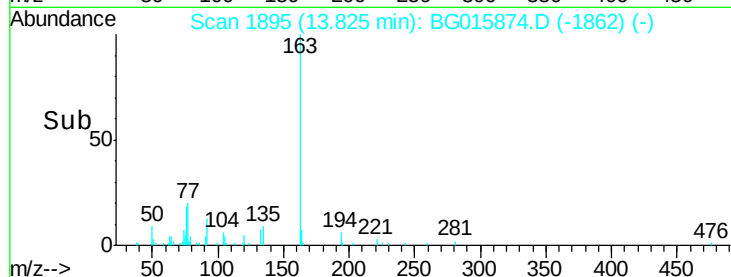
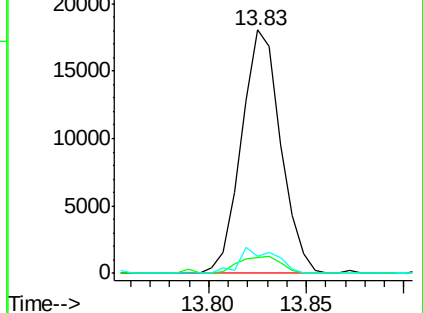
164 7.0 7.4 11.0#



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: 17.12 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BG015874.D

Acq: 9 Jan 2015 17:46

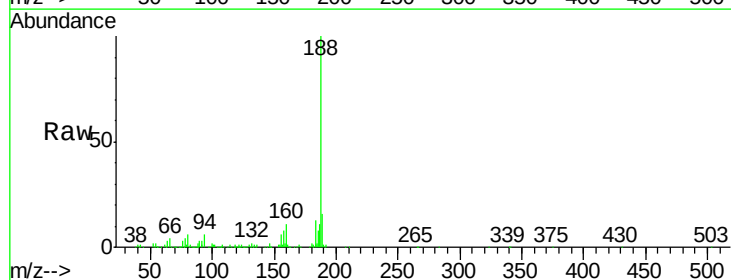
Tgt Ion:188 Resp: 205091

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

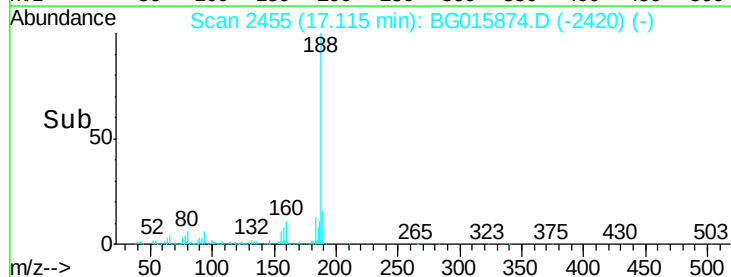
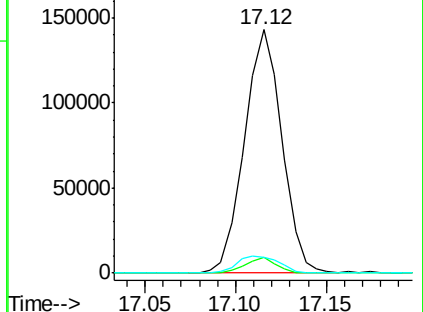
80 6.5 6.6 9.8#

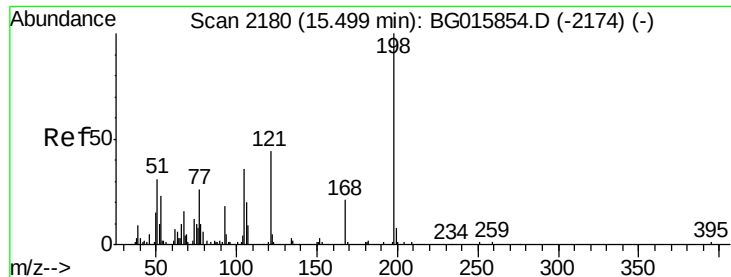


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

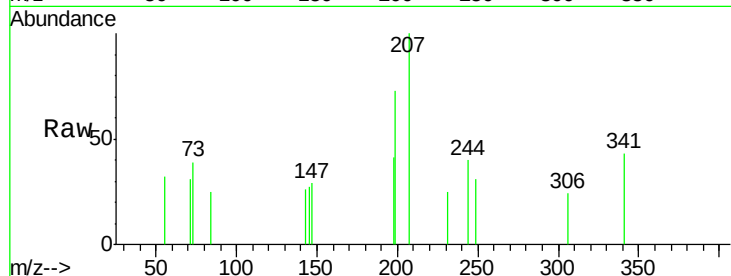




#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.65 ng
 RT: 15.62 min Scan# 2200
 Delta R.T. 0.12 min
 Lab File: BG015874.D
 Acq: 9 Jan 2015 17:46

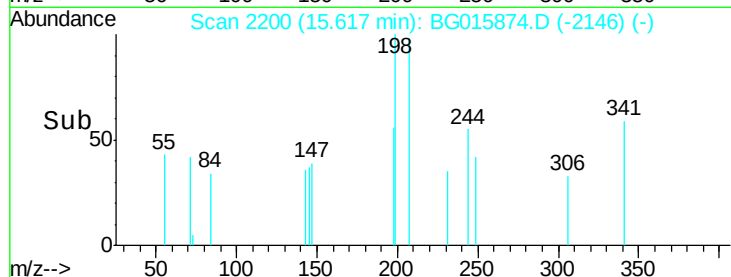
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-02-E5-E6-E7-E8

Tgt Ion:198 Resp: 160
 Ion Ratio Lower Upper
 198 100
 51 0.0 13.6 53.6#
 105 0.0 17.9 57.9#

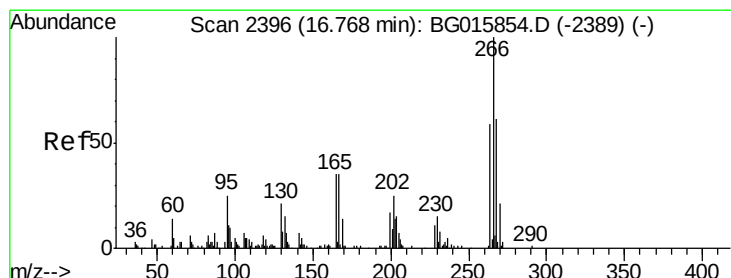


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

15.62

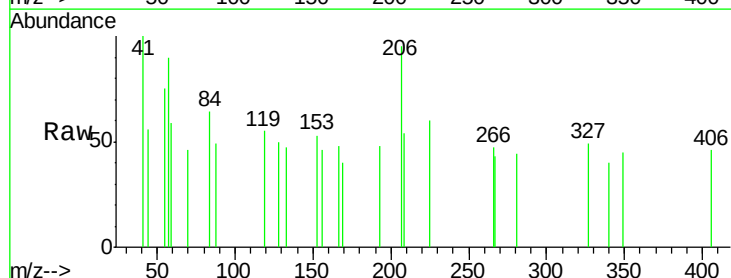


Time--> 15.60 15.62



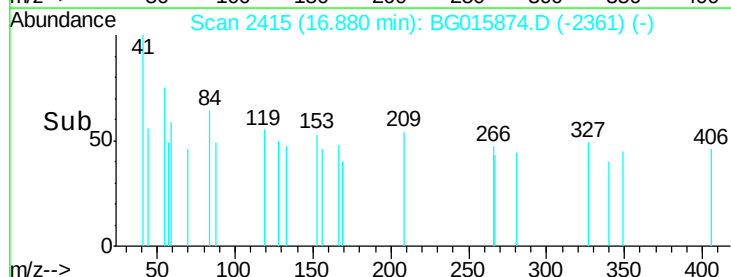
#69
 Pentachlorophenol
 Concen: 3.14 ng
 RT: 16.88 min Scan# 2415
 Delta R.T. 0.12 min
 Lab File: BG015874.D
 Acq: 9 Jan 2015 17:46

Tgt Ion:266 Resp: 65
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.2 75.2#
 264 0.0 48.2 72.2#

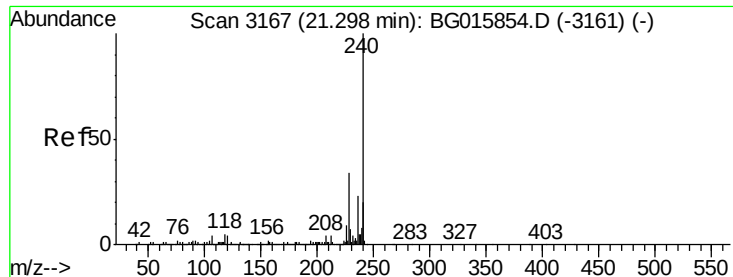


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

16.88



Time--> 16.86 16.88



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG015874.D

Acq: 9 Jan 2015 17:46

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8

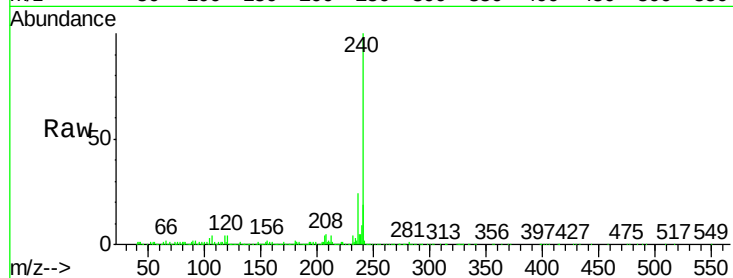
Tgt Ion:240 Resp: 272443

Ion Ratio Lower Upper

240 100

120 3.6 3.4 5.2

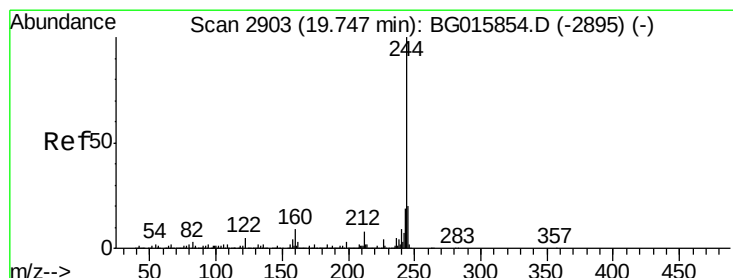
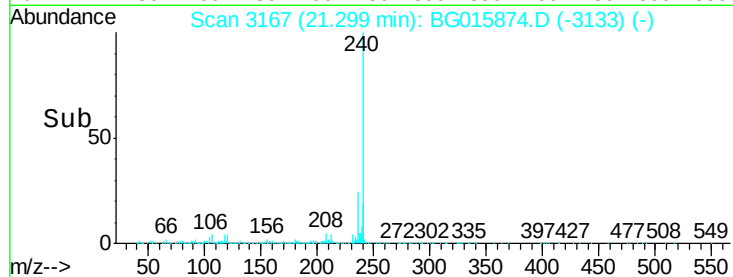
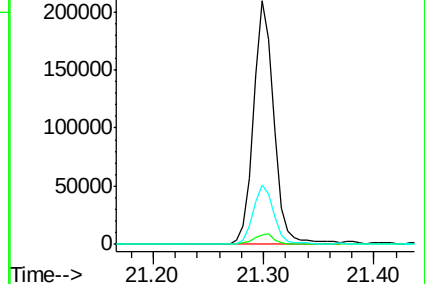
236 24.2 19.0 28.6



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: 19.62 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG015874.D

Acq: 9 Jan 2015 17:46

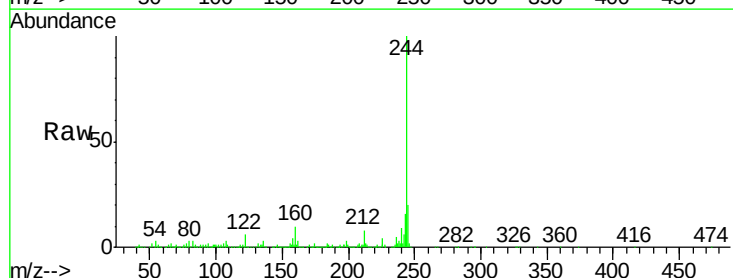
Tgt Ion:244 Resp: 478373

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

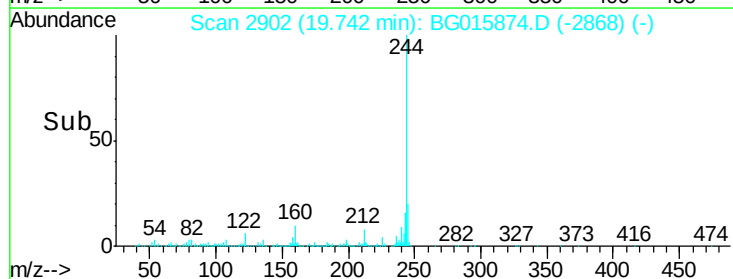
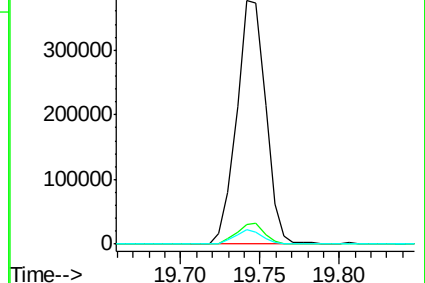
122 5.9 4.7 7.1

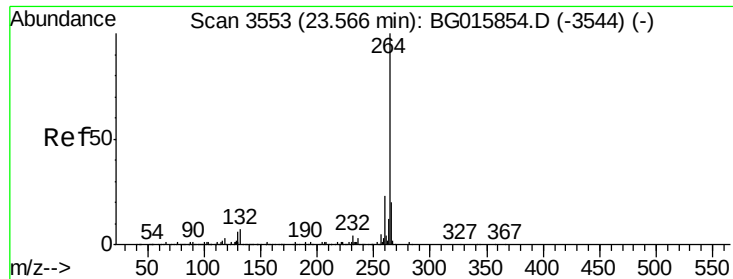


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.57 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG015874.D

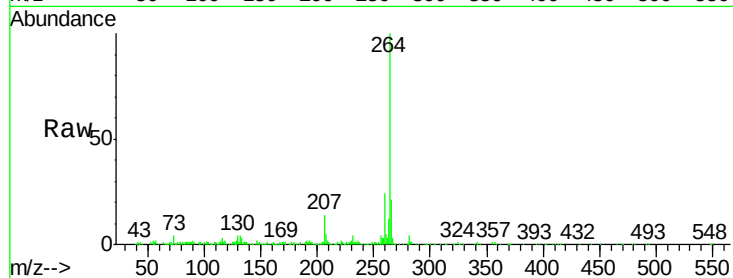
Acq: 9 Jan 2015 17:46

Instrument :

BNA_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8



Tgt Ion: 264 Resp: 210713

Ion Ratio Lower Upper

264 100

260 23.9 17.0 25.4

265 20.9 17.4 26.0

