

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019976.D
 Acq On : 6 Dec 2015 20:55
 Operator : UM/NP
 Sample : G4594-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 K209-43-44

Quant Time: Dec 07 03:24:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

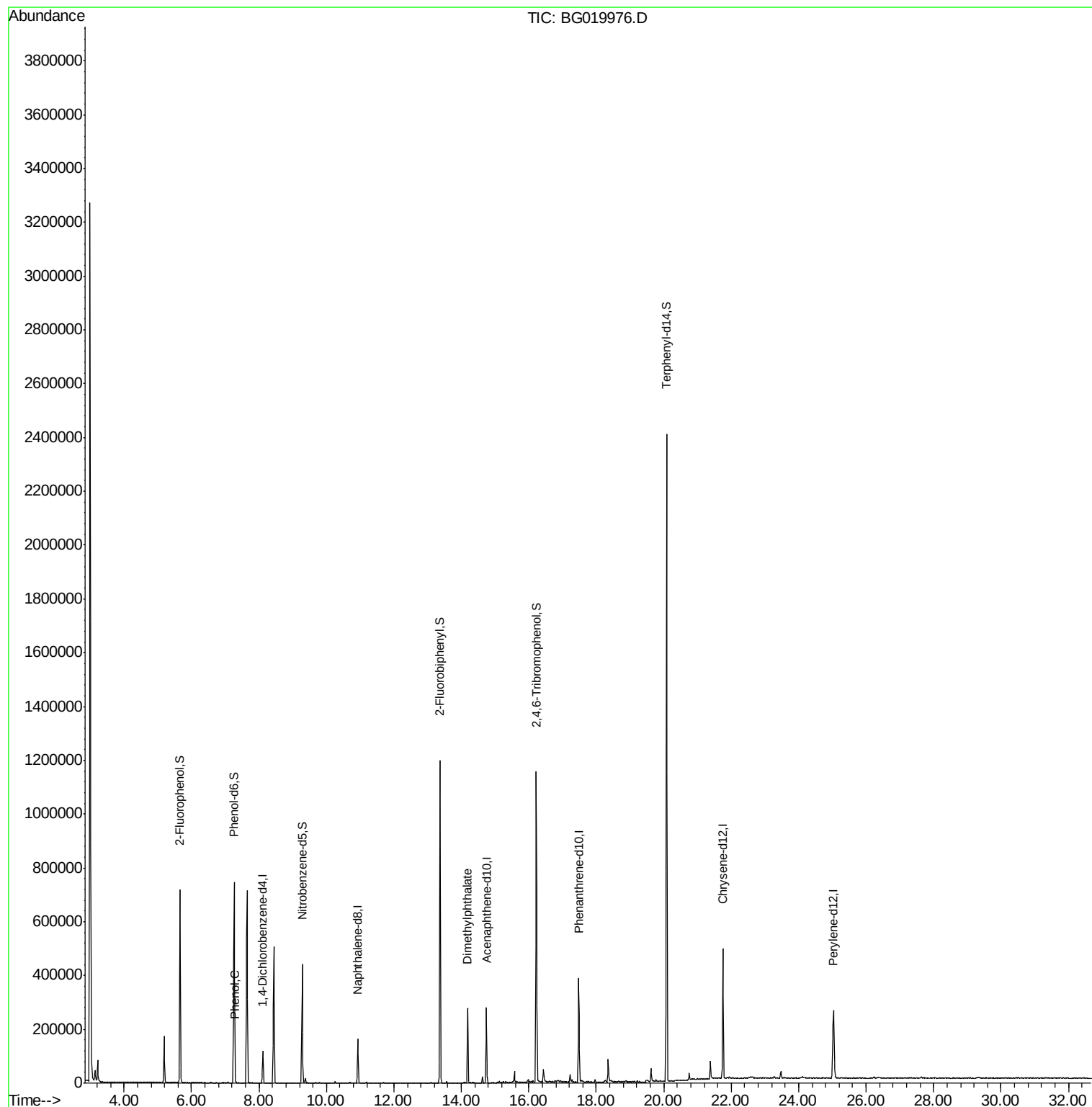
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	32964	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	133883	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	95541	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	241628	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	302489	20.00	ng	-0.04
86) Perylene-d12	25.03	264	281893	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	289025	158.47	ng	-0.01
7) Phenol-d6	7.26	99	423530	153.80	ng	-0.01
23) Nitrobenzene-d5	9.28	82	275946	105.19	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	214652	146.84	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	599275	85.64	ng	-0.02
78) Terphenyl-d14	20.08	244	1031213	83.15	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	6684	2.31	ng	81
49) Dimethylphthalate	14.19	163	184930	21.52	ng	97

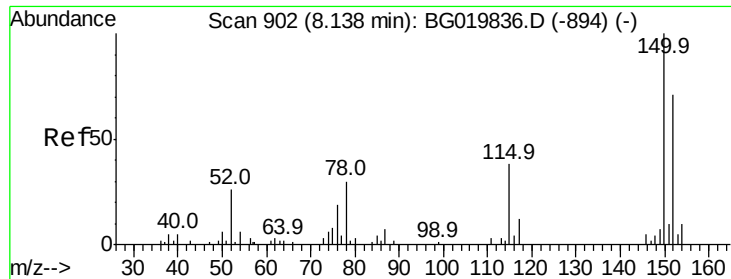
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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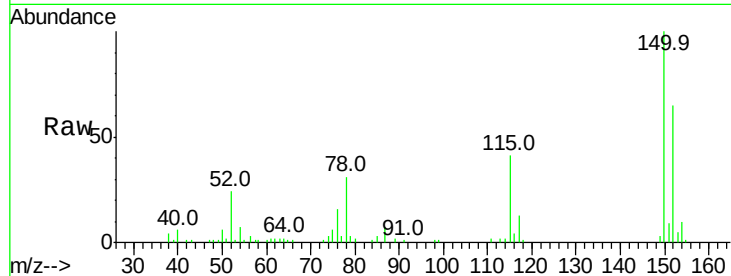


#1

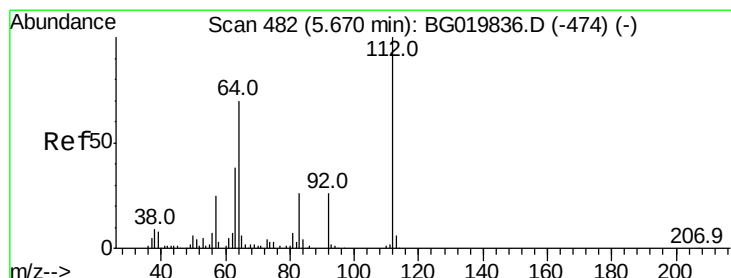
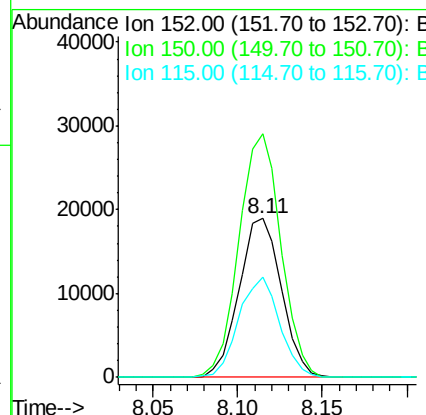
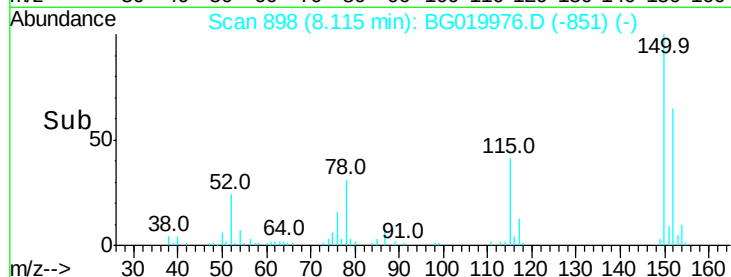
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019976.D
Acq: 6 Dec 2015 20:55

Instrument :
BNA_G
ClientSampleId :
K209-43-44

Tot Ion:152 Resp: 32964
Ion Ratio Lower Upper
152 100
150 153.1 115.0 172.4
115 63.3 43.9 65.9



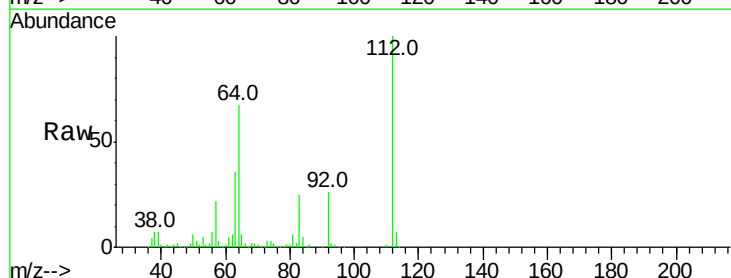
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



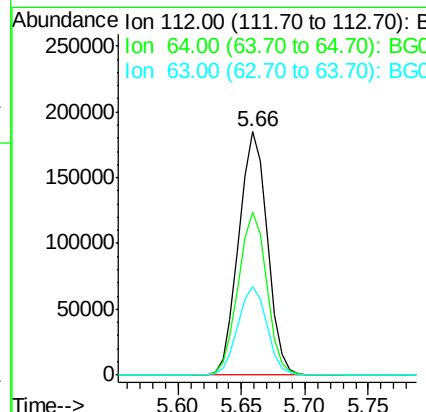
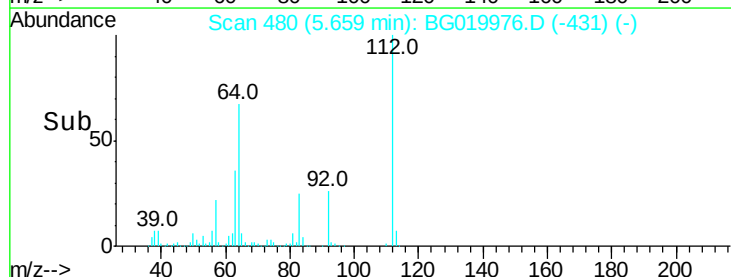
#5

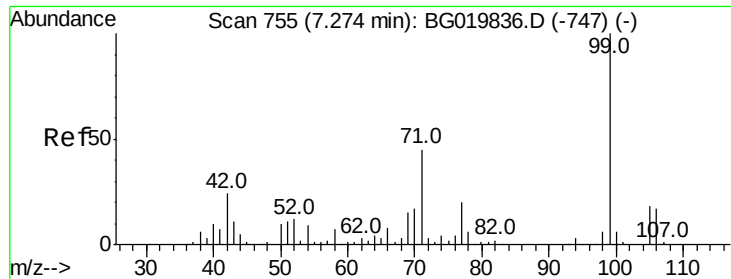
2-Fluorophenol
Concen: 158.47 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019976.D
Acq: 6 Dec 2015 20:55

Tgt Ion:112 Resp: 289025
Ion Ratio Lower Upper
112 100
64 67.0 43.7 65.5#
63 36.3 24.0 36.0#



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: 153.80 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019976.D

Acq: 6 Dec 2015 20:55

Instrument :

BNA_G

ClientSampleId :

K209-43-44

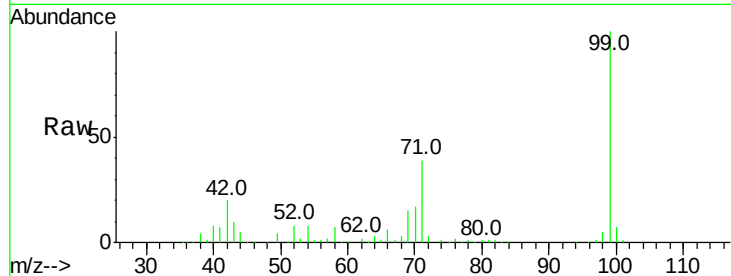
Tot Ion: 99 Resp: 423530

Ion Ratio Lower Upper

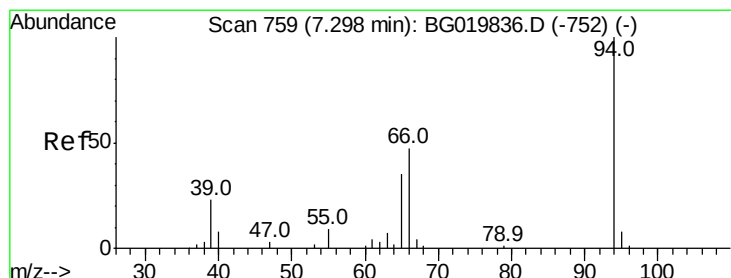
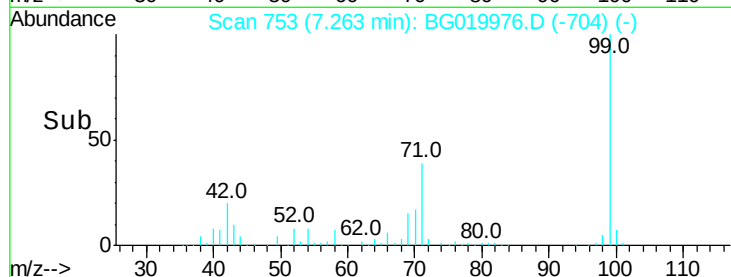
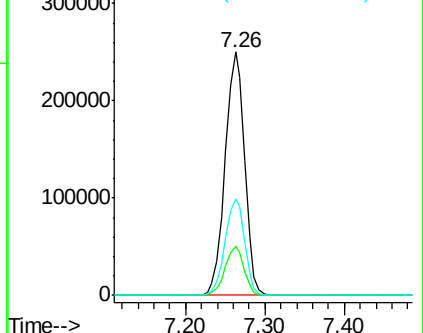
99 100

42 19.9 11.5 17.3#

71 39.4 22.6 34.0#



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



#10

Phenol

Concen: 2.31 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019976.D

Acq: 6 Dec 2015 20:55

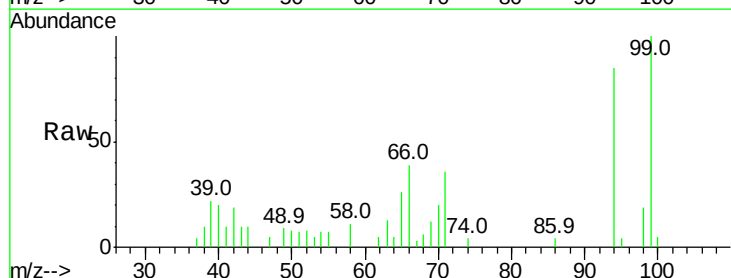
Tgt Ion: 94 Resp: 6684

Ion Ratio Lower Upper

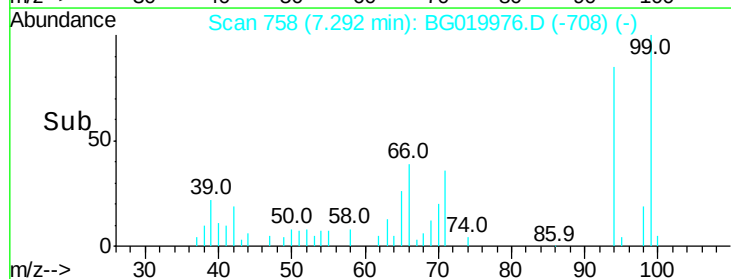
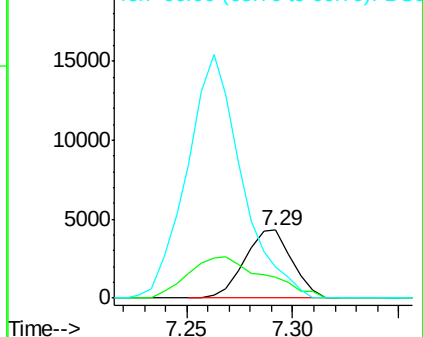
94 100

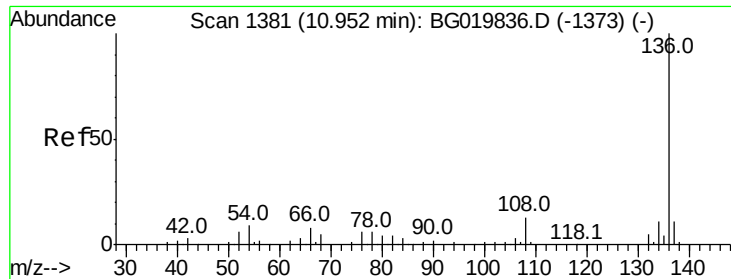
65 30.9 5.4 45.4

66 46.1 11.8 51.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

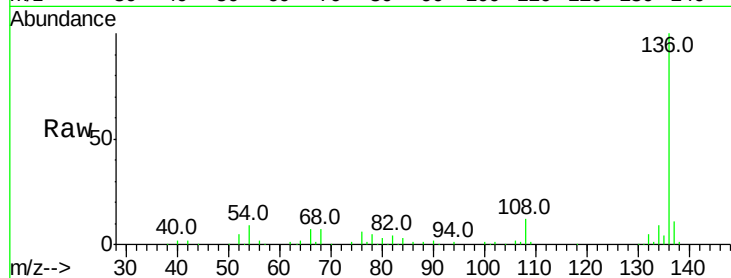




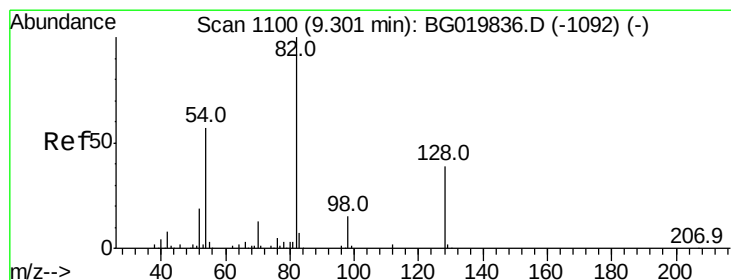
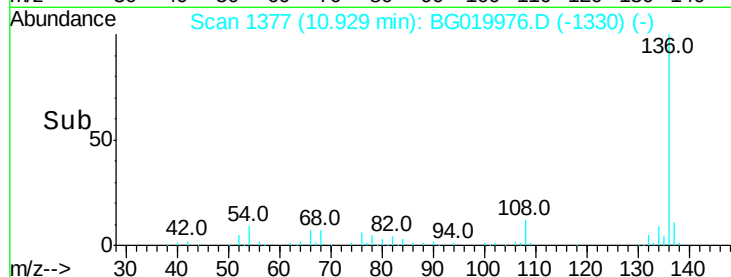
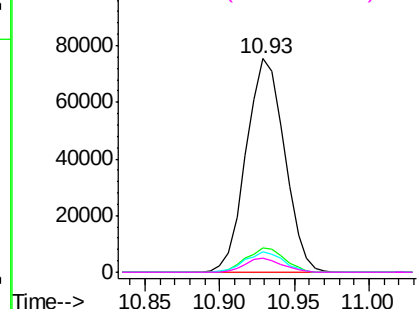
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019976.D
Acq: 6 Dec 2015 20:55

Instrument :
BNA_G
ClientSampleId :
K209-43-44

Tot Ion:	136	Resp:	133883
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.3	5.4	8.2#
68	6.7	5.3	7.9

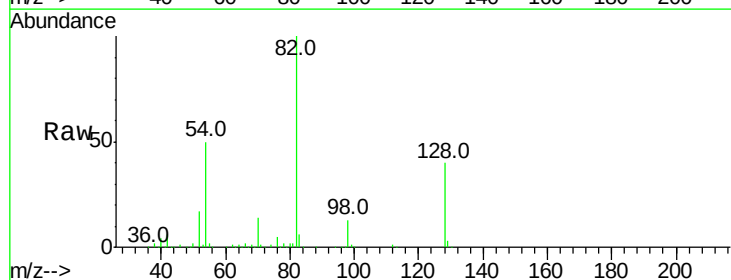


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

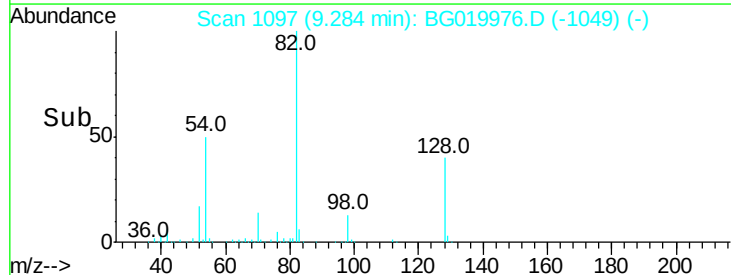
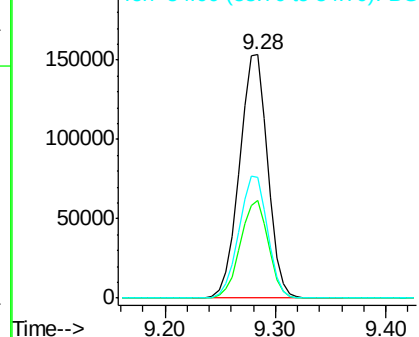


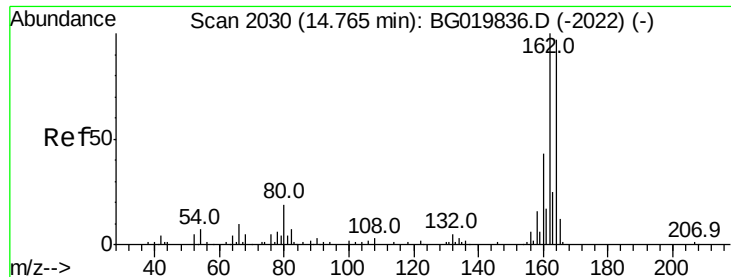
#23
Nitrobenzene-d5
Concen: 105.19 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019976.D
Acq: 6 Dec 2015 20:55

Tgt Ion:	82	Resp:	275946
Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.7	55.1
54	49.8	33.8	50.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG019976.D

Acq: 6 Dec 2015 20:55

Instrument :

BNA_G

ClientSampleId :

K209-43-44

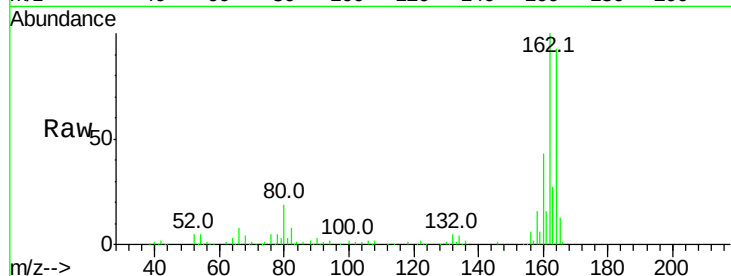
Tot Ion:164 Resp: 95541

Ion Ratio Lower Upper

164 100

162 107.6 78.8 118.2

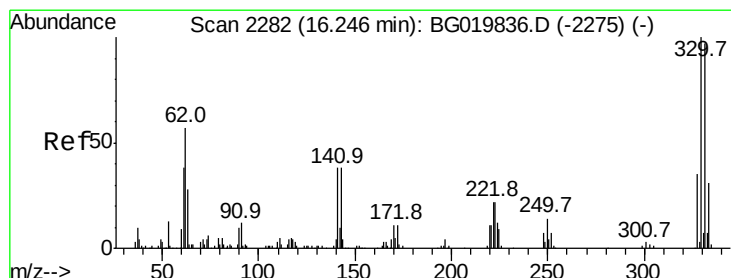
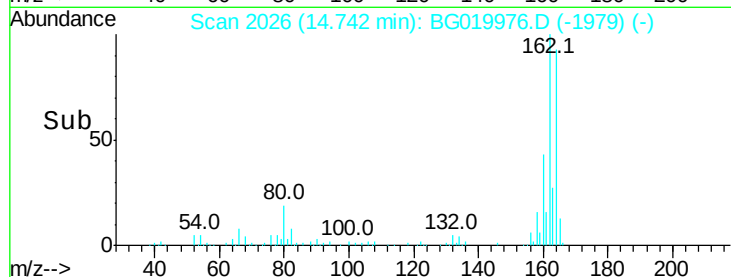
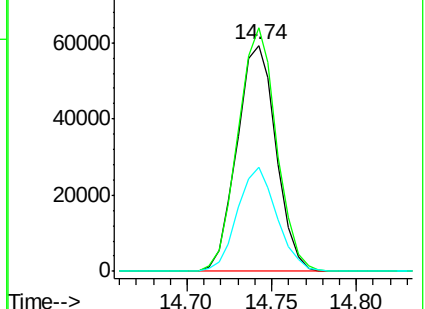
160 46.2 36.4 54.6



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: 146.84 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019976.D

Acq: 6 Dec 2015 20:55

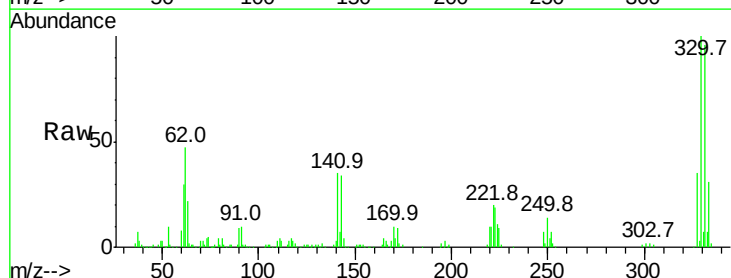
Tgt Ion:330 Resp: 214652

Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

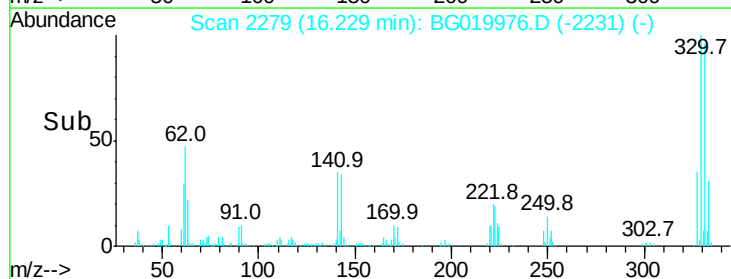
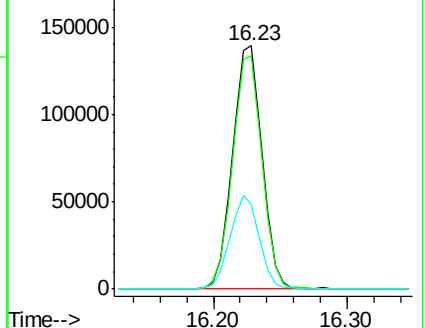
141 38.0 28.2 42.2

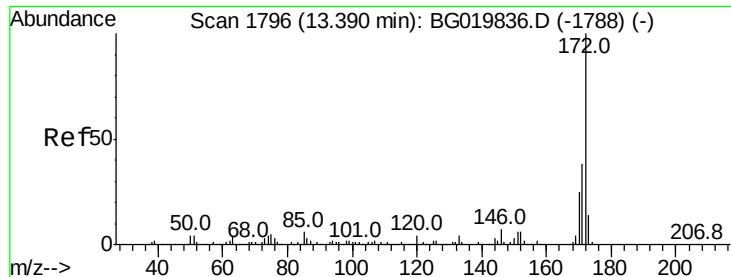


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

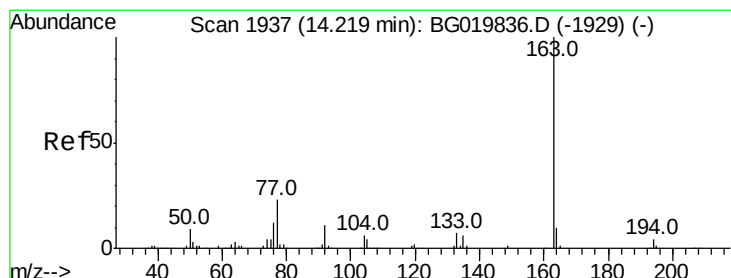
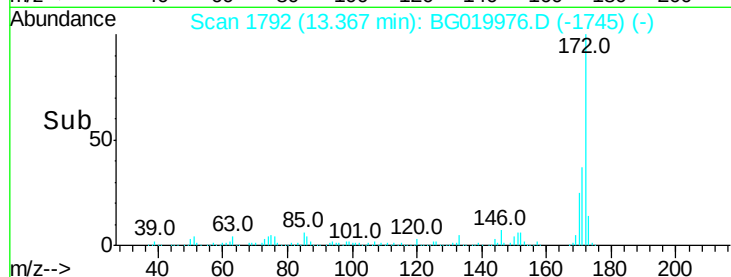
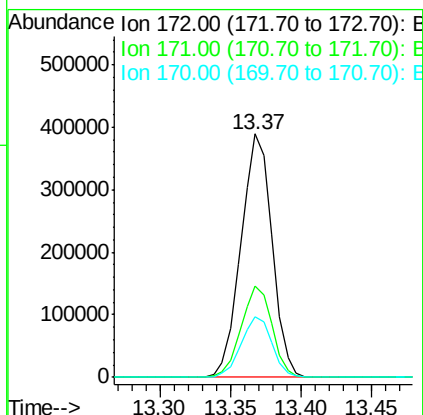
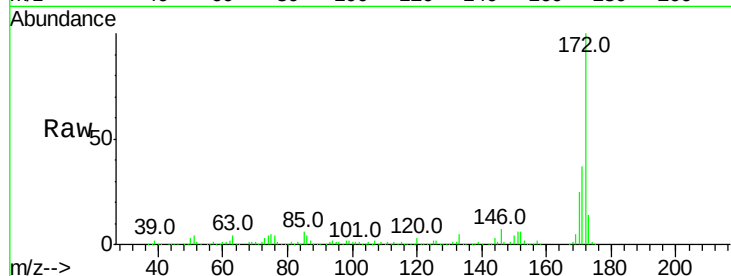




#44
2-Fluorobiphenyl
Concen: 85.64 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG019976.D
Acq: 6 Dec 2015 20:55

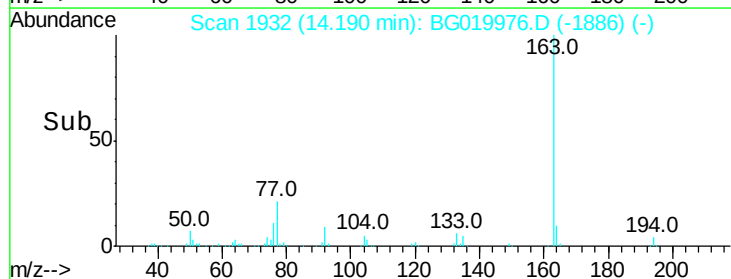
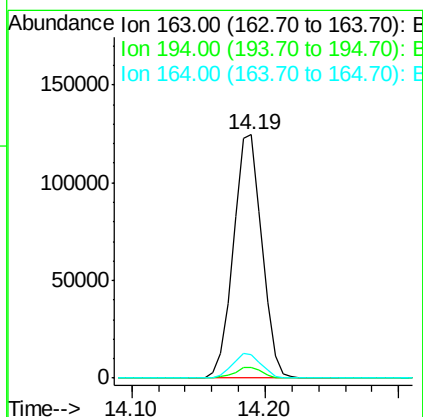
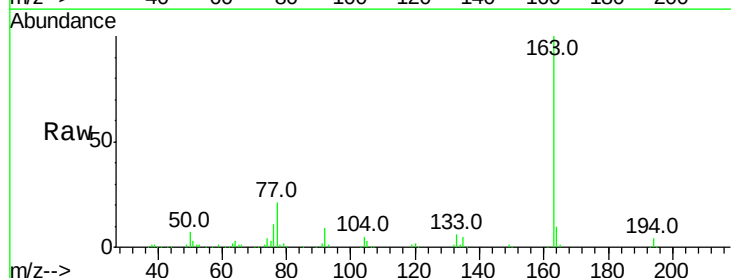
Instrument :
BNA_G
ClientSampleId :
K209-43-44

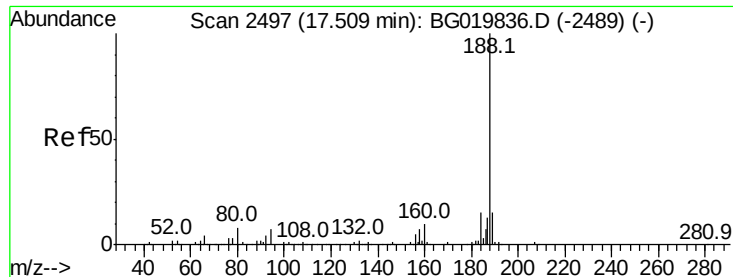
Tot Ion:172 Resp: 599275
Ion Ratio Lower Upper
172 100
171 37.4 29.0 43.6
170 24.9 19.9 29.9



#49
Dimethylphthalate
Concen: 21.52 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.03 min
Lab File: BG019976.D
Acq: 6 Dec 2015 20:55

Tgt Ion:163 Resp: 184930
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.8 8.8 13.2

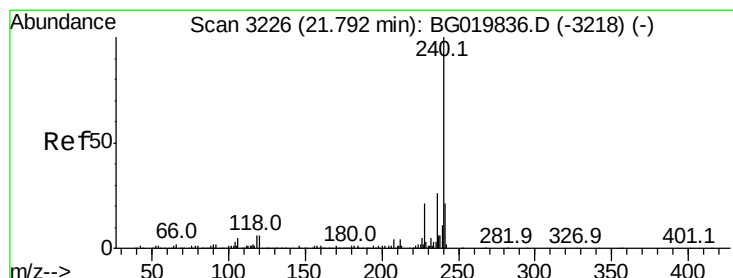
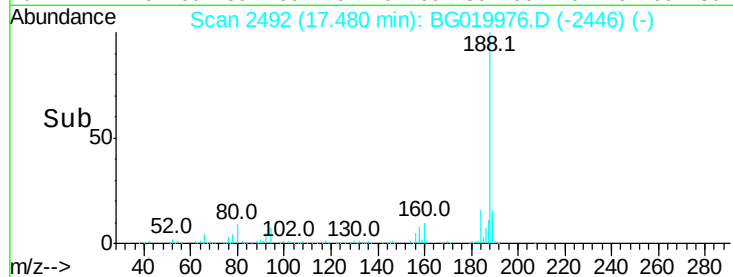
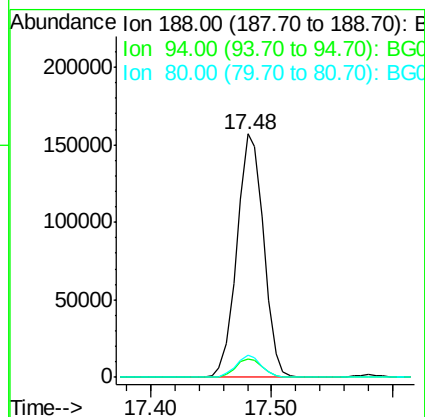
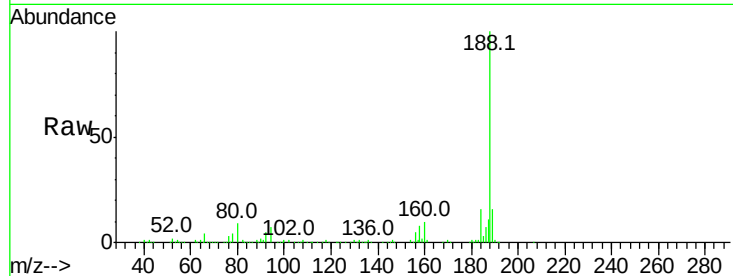




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019976.D
Acq: 6 Dec 2015 20:55

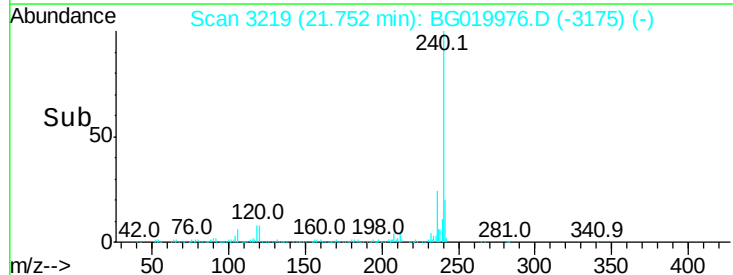
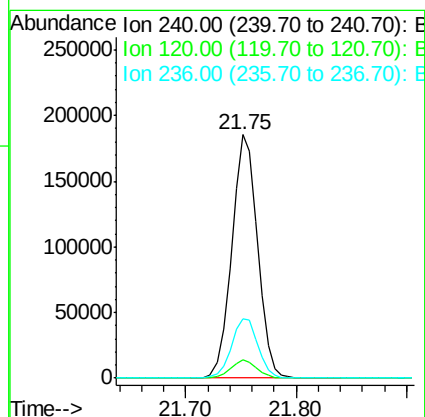
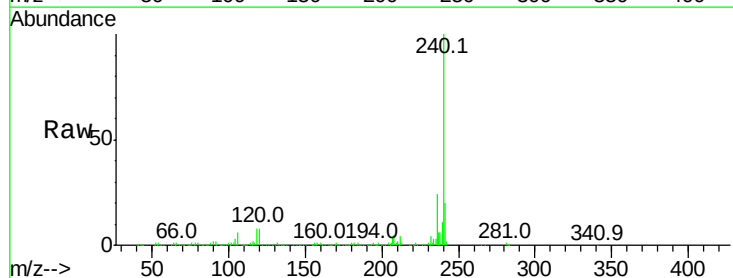
Instrument :
BNA_G
ClientSampleId :
K209-43-44

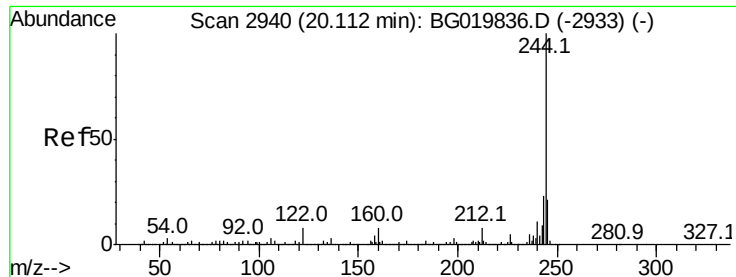
Tot Ion:188 Resp: 241628
Ion Ratio Lower Upper
188 100
94 7.4 7.7 11.5#
80 8.9 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG019976.D
Acq: 6 Dec 2015 20:55

Tgt Ion:240 Resp: 302489
Ion Ratio Lower Upper
240 100
120 7.5 7.4 11.0
236 24.1 20.7 31.1





#78

Terphenyl-d14

Concen: 83.15 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019976.D

Acq: 6 Dec 2015 20:55

Instrument :

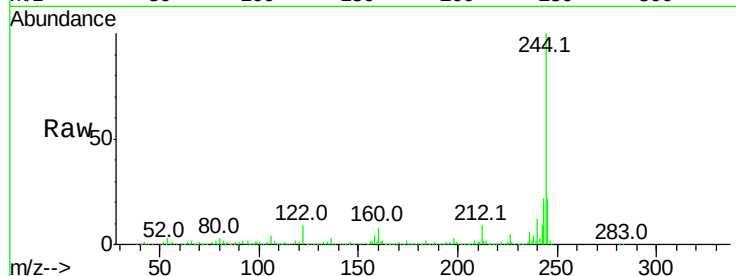
BNA_G

ClientSampleId :

K209-43-44

Tot Ion:244 Resp: 1031213

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	9.0	10.2	15.2#

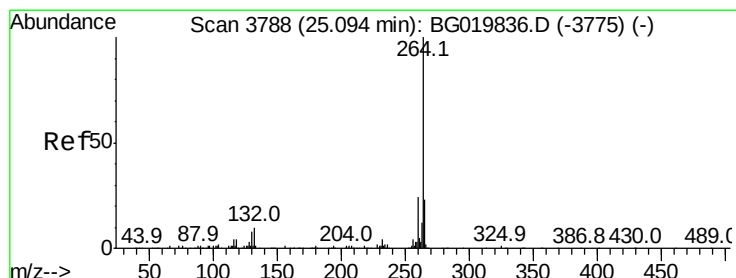
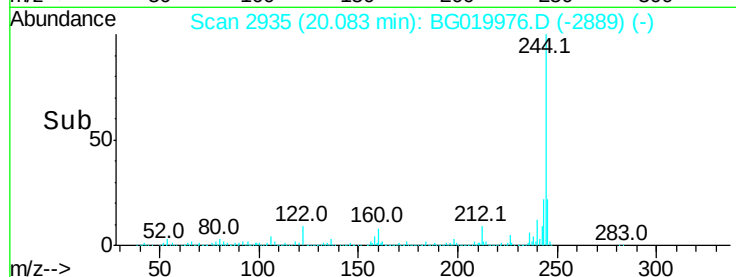
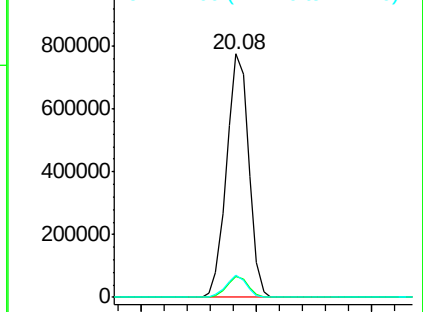


Abundance

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: 25.03 min Scan# 3777

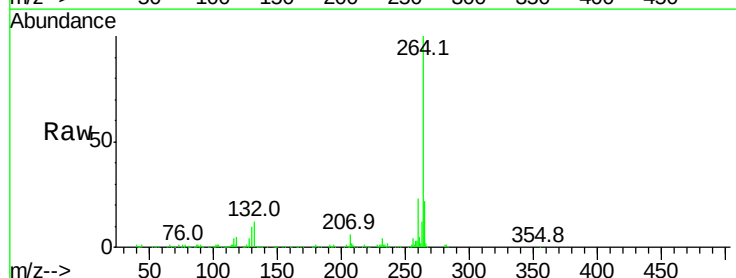
Delta R.T. -0.06 min

Lab File: BG019976.D

Acq: 6 Dec 2015 20:55

Tgt Ion:264 Resp: 281893

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.3	17.2	25.8



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

