

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039087.D
 Acq On : 11 Jan 2019 14:14
 Operator : JU/SJ
 Sample : K1119-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-C

Quant Time: Jan 11 15:17:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

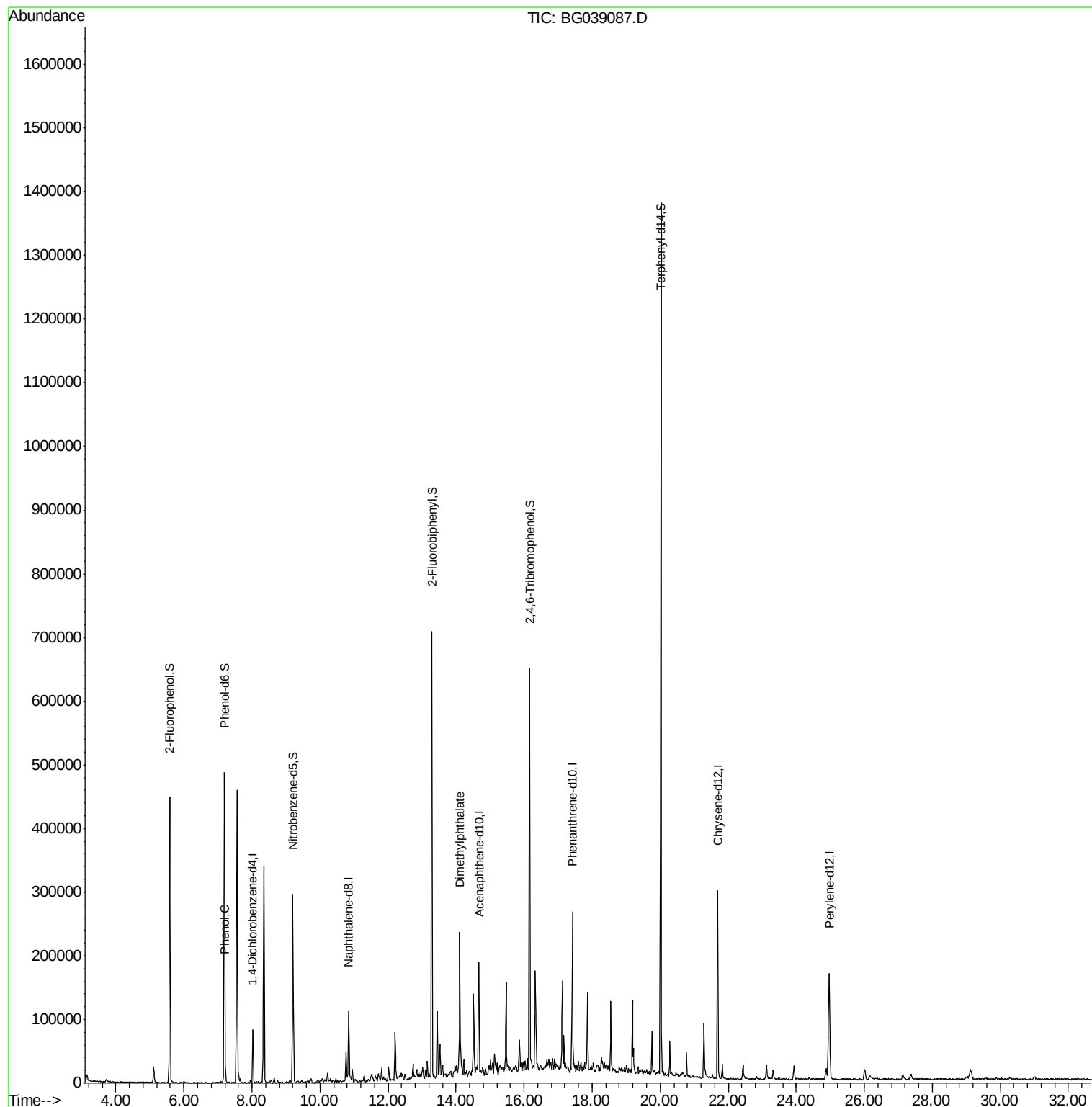
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25508	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	98908	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66446	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	161405	20.00	ng	0.00
76) Chrysene-d12	21.69	240	188917	20.00	ng	-0.01
87) Perylene-d12	24.96	264	207235	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	209678	155.93	ng	0.00
7) Phenol-d6	7.19	99	288817	149.25	ng	0.00
23) Nitrobenzene-d5	9.20	82	166604	92.17	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	142037	127.52	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	398927	82.17	ng	0.00
79) Terphenyl-d14	20.02	244	723372	70.83	ng	0.00
Target Compounds						
10) Phenol	7.21	94	5733	2.955	ng	Qvalue # 56
50) Dimethylphthalate	14.11	163	135557	24.142	ng	100

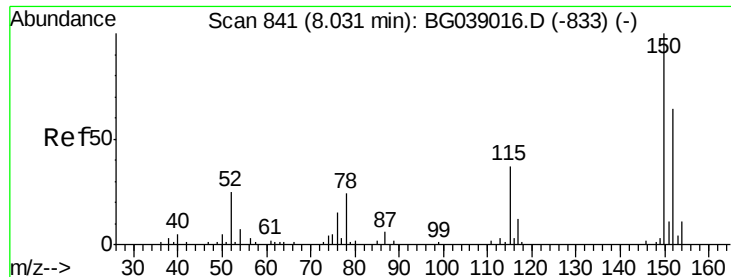
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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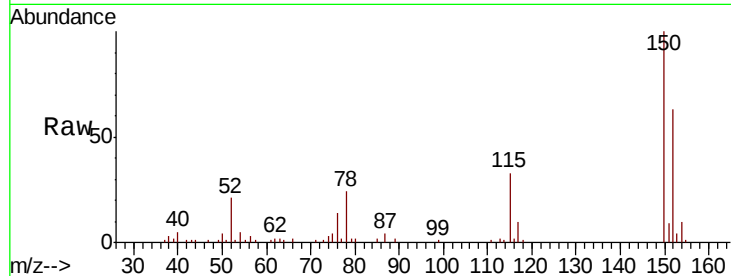


#1

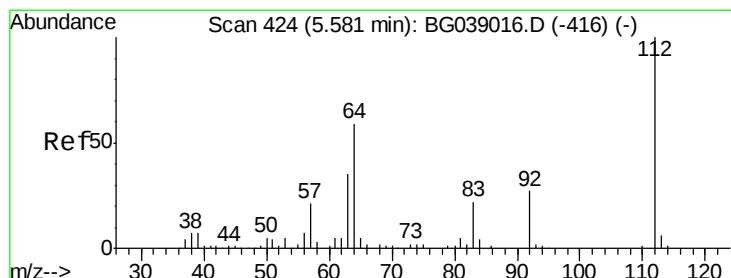
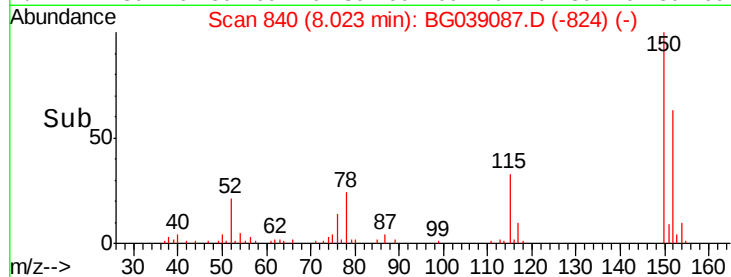
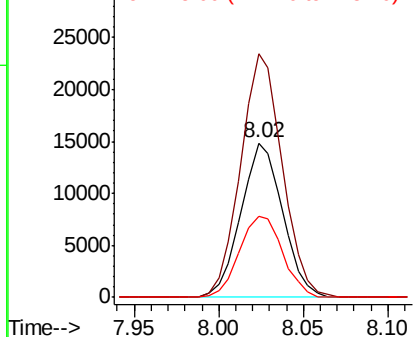
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :
DS-C

Tot Ion:152 Resp: 25508
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 52.5 46.5 69.7



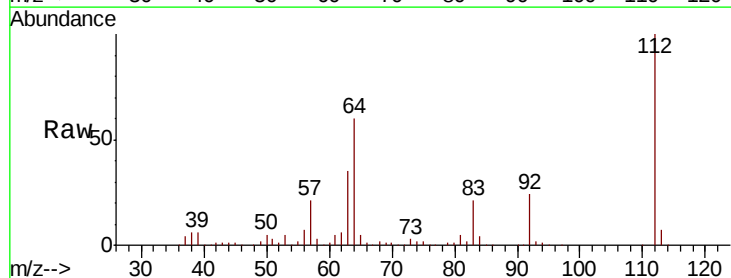
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



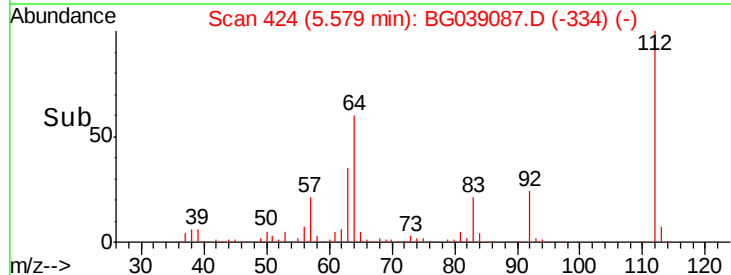
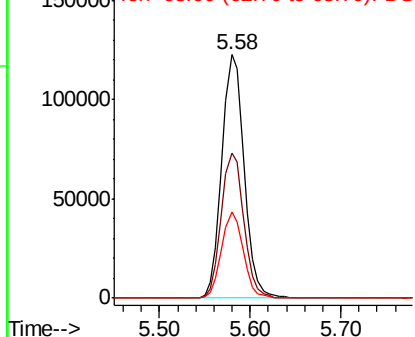
#5

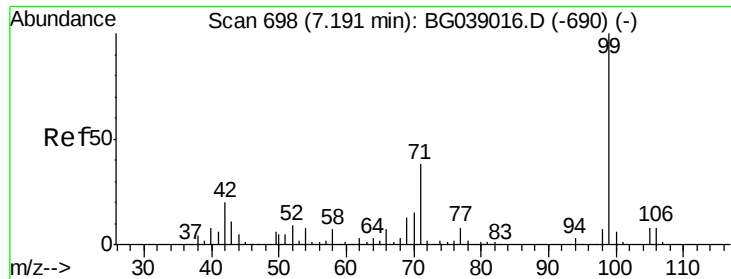
2-Fluorophenol
Concen: 155.934 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion:112 Resp: 209678
Ion Ratio Lower Upper
112 100
64 59.7 47.0 70.6
63 35.4 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 149.248 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

DS-C

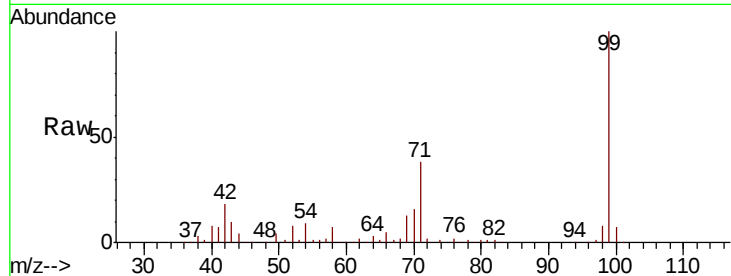
Tot Ion: 99 Resp: 288817

Ion Ratio Lower Upper

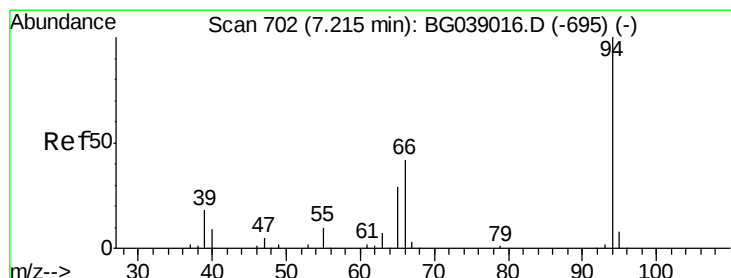
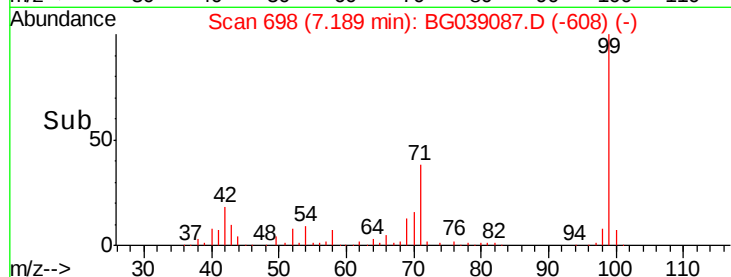
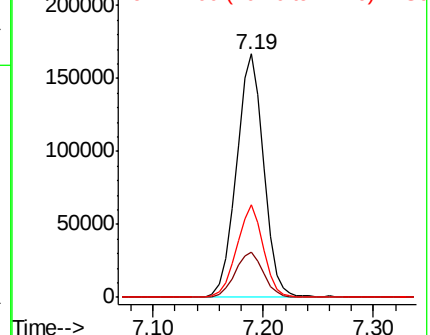
99 100

42 18.4 15.8 23.6

71 38.3 30.2 45.4



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: 2.955 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

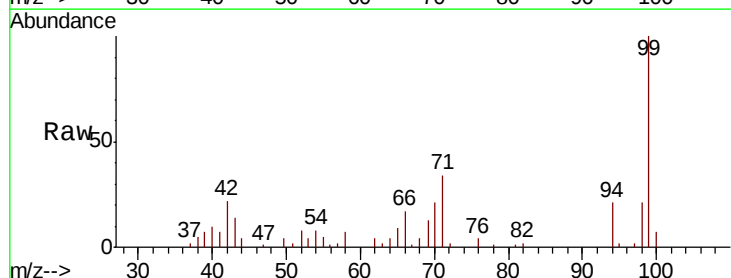
Tgt Ion: 94 Resp: 5733

Ion Ratio Lower Upper

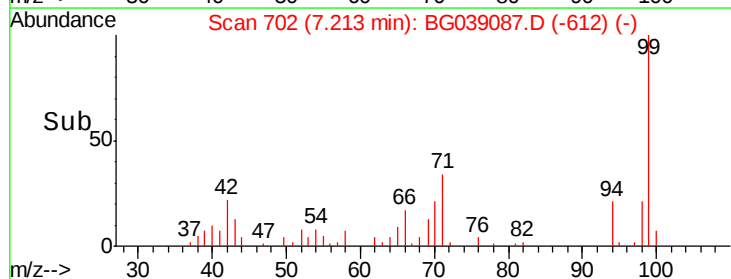
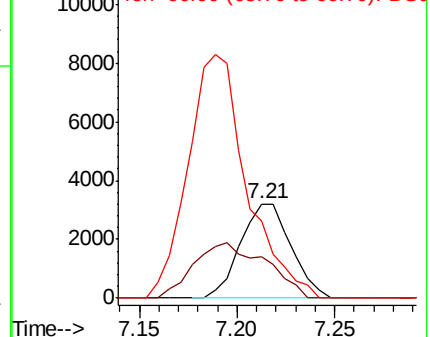
94 100

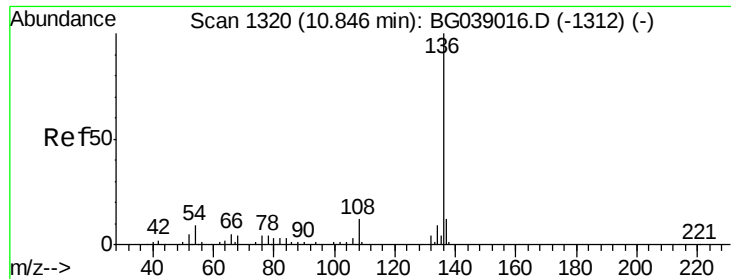
65 43.6 10.3 50.3

66 82.2 25.1 65.1#



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

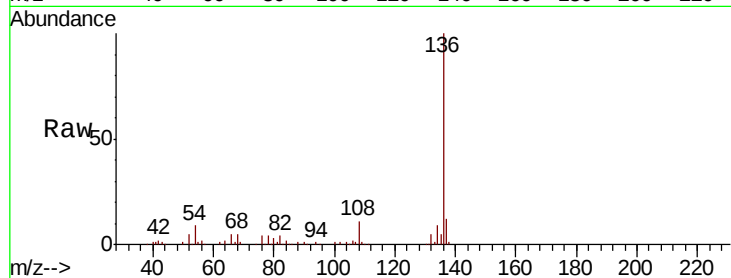




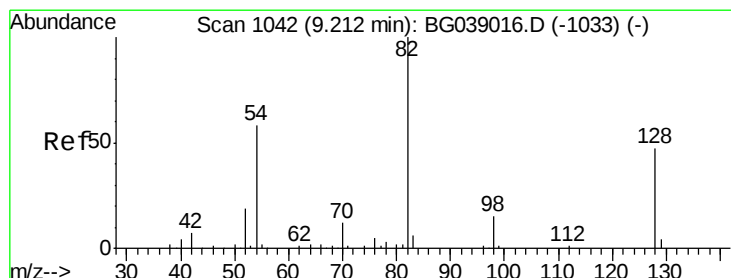
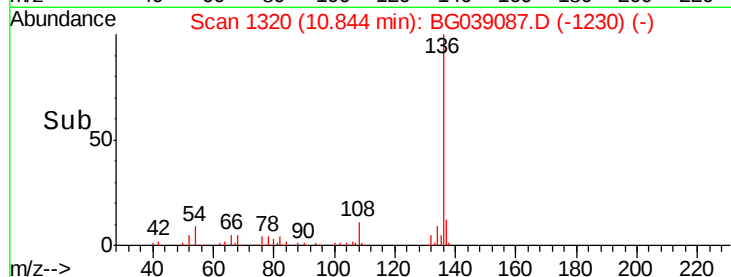
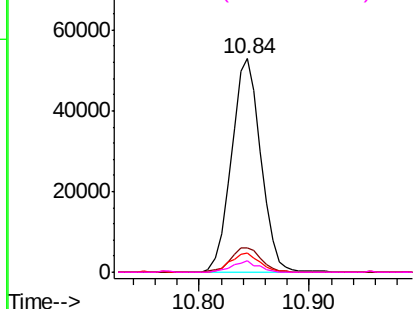
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :
DS-C

Tot Ion:136	Resp:	98908
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.4 14.2
54	8.8	7.2 10.8
68	5.1	3.5 5.3

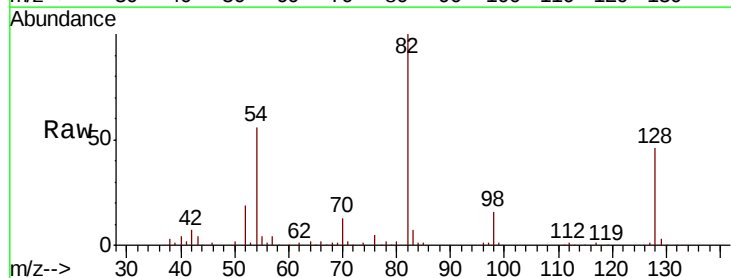


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

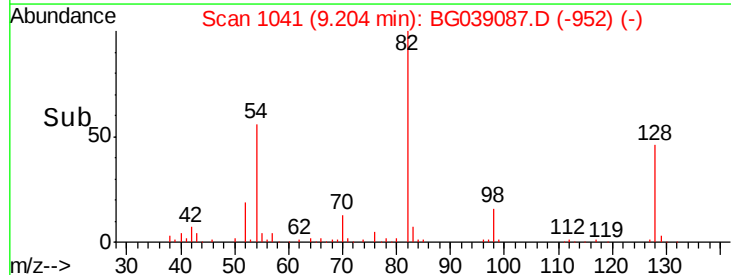
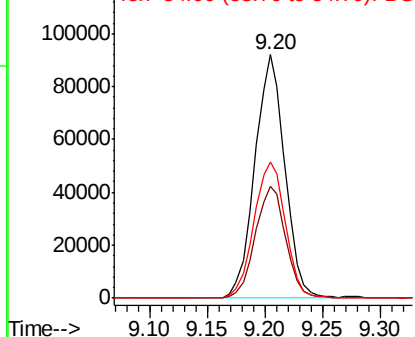


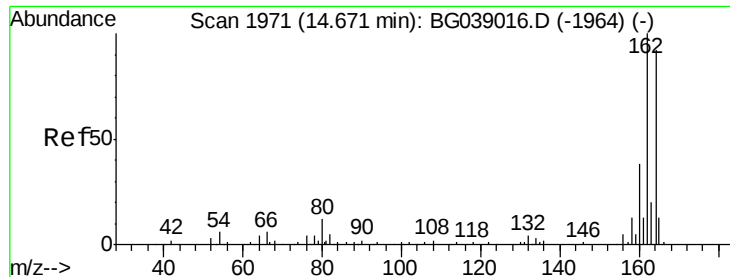
#23
Nitrobenzene-d5
Concen: 92.171 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion: 82	Resp:	166604
Ion	Ratio	Lower Upper
82	100	
128	46.2	37.3 55.9
54	55.8	46.4 69.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

Instrument :

BNA_G

ClientSampled :

DS-C

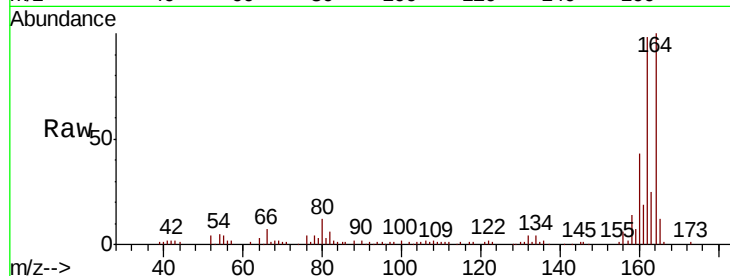
Tot Ion:164 Resp: 66446

Ion Ratio Lower Upper

164 100

162 97.9 87.2 130.8

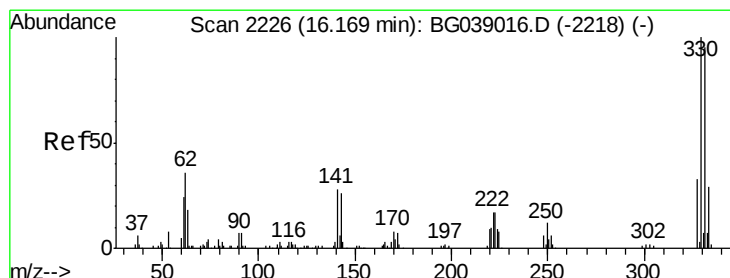
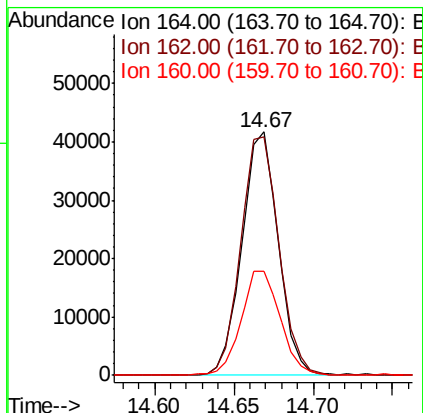
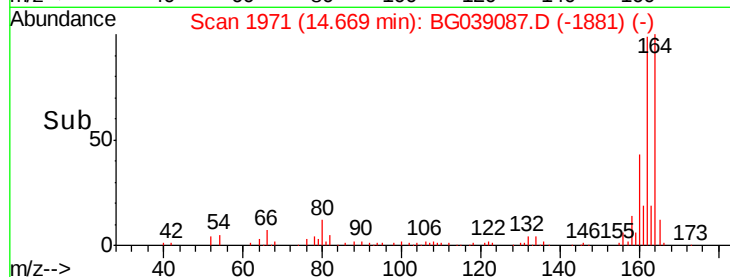
160 42.9 33.3 49.9



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



#42

2,4,6-Tribromophenol

Concen: 127.523 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

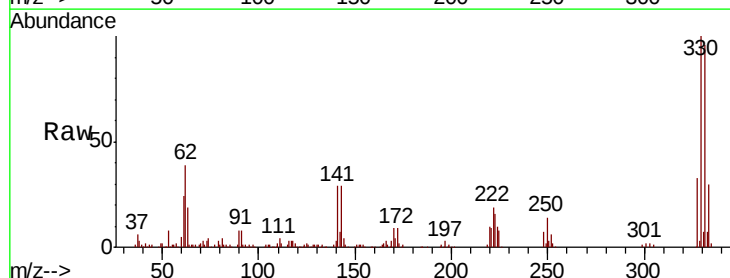
Tgt Ion:330 Resp: 142037

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

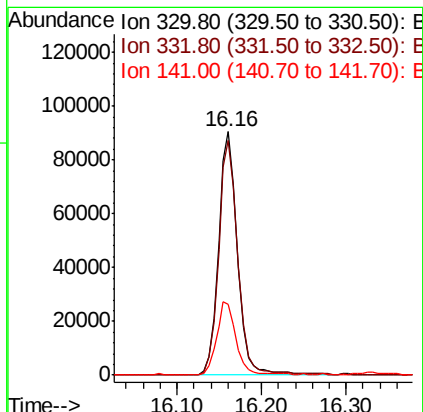
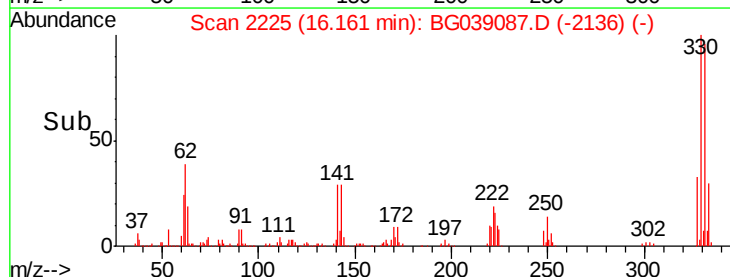
141 31.4 24.9 37.3

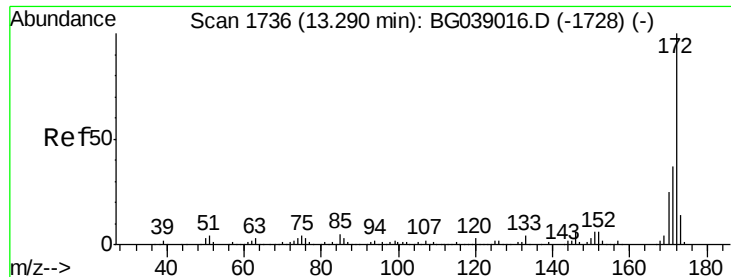


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

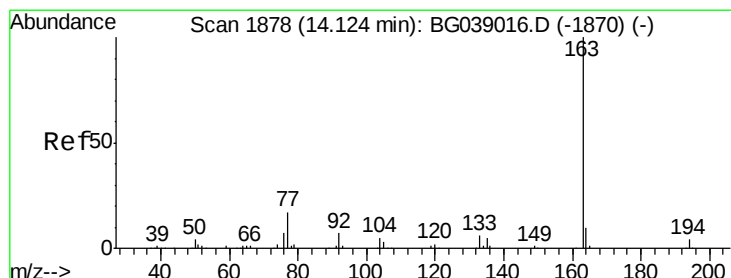
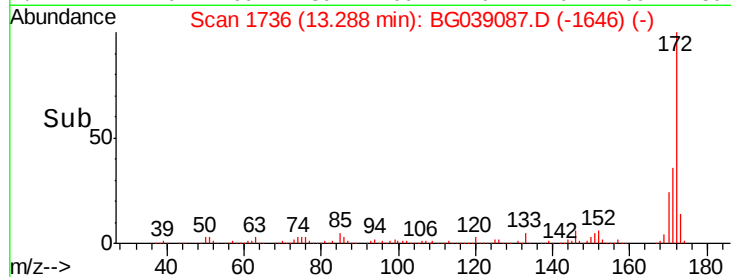
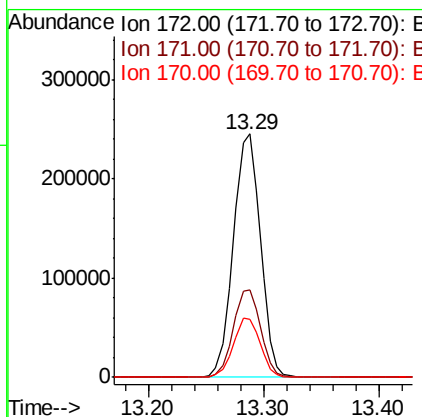
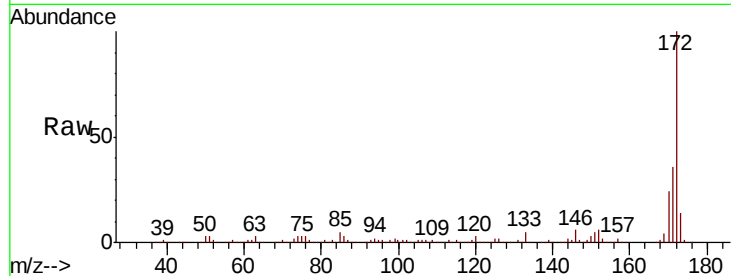




#45
2-Fluorobiphenyl
Concen: 82.166 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

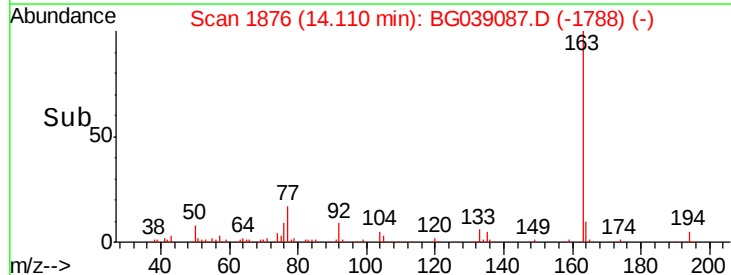
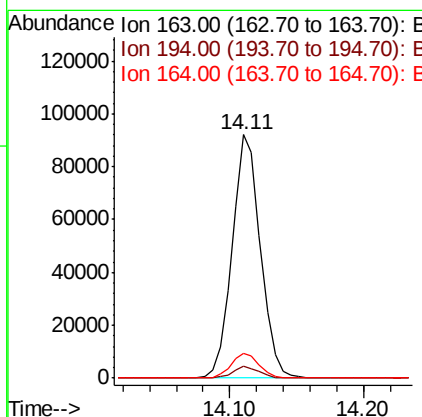
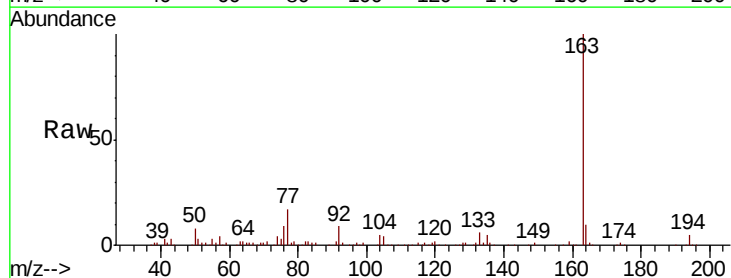
Instrument :
BNA_G
ClientSampleId :
DS-C

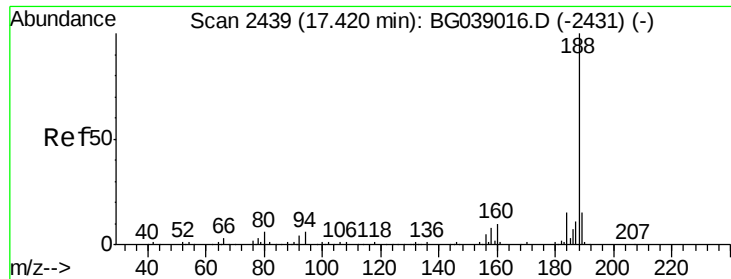
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.0	20.1	30.1



#50
Dimethylphthalate
Concen: 24.142 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.3	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

DS-C

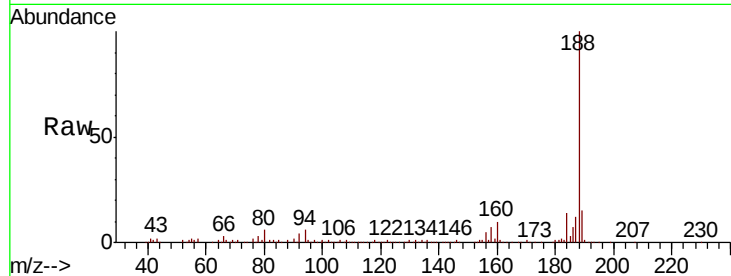
Tot Ion:188 Resp: 161405

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.4

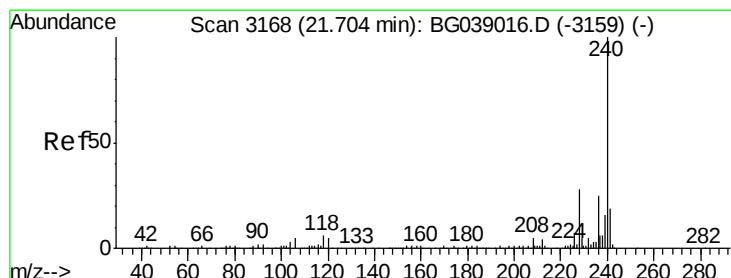
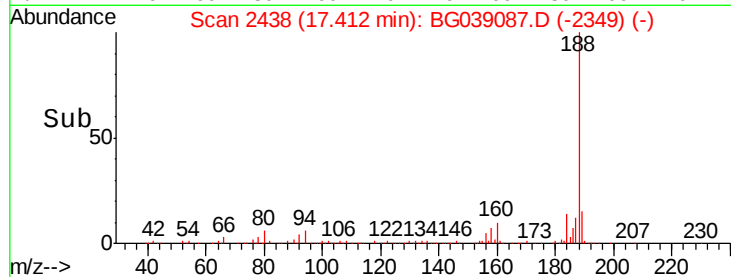
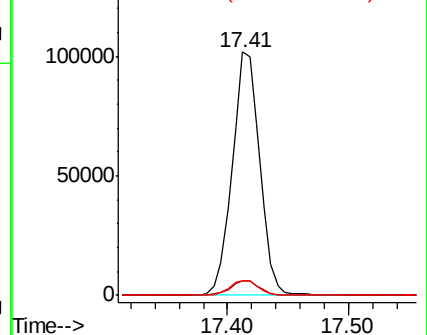
80 6.0 4.7 7.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

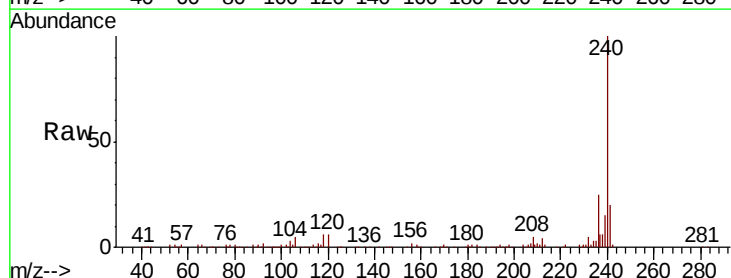
Tgt Ion:240 Resp: 188917

Ion Ratio Lower Upper

240 100

120 5.6 4.3 6.5

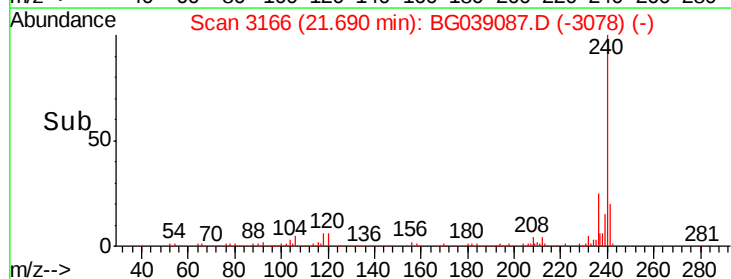
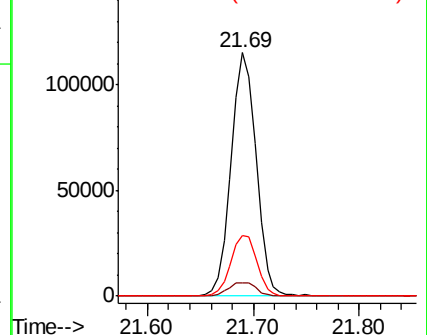
236 25.1 20.1 30.1

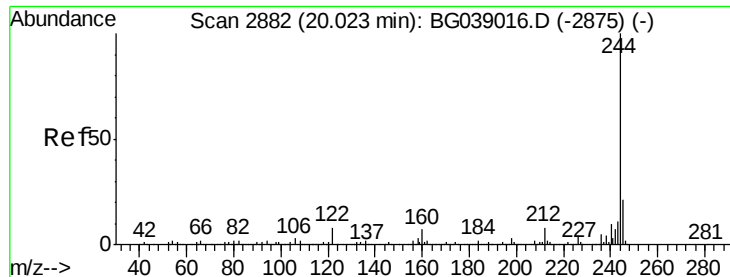


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.833 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

Instrument :

BNA_G

ClientSampleId :

DS-C

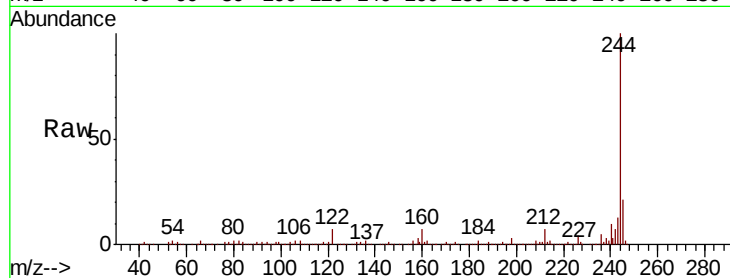
Tot Ion:244 Resp: 723372

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

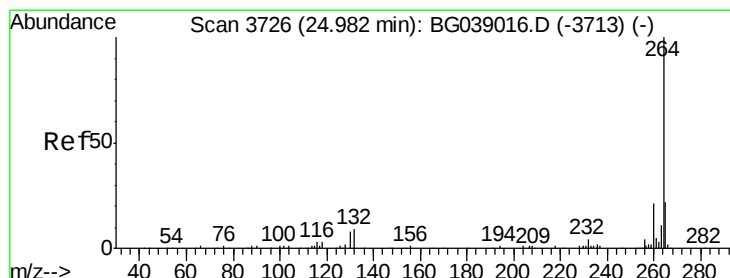
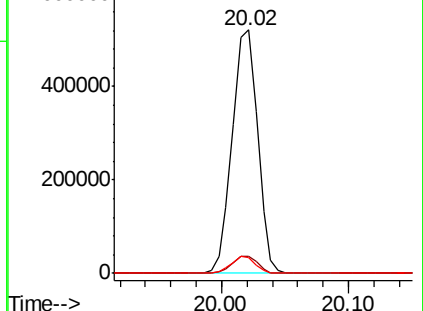
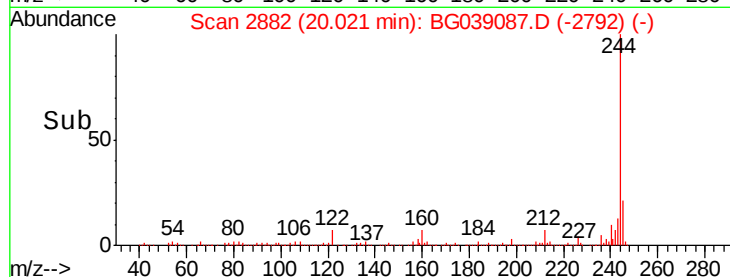
122 6.5 6.1 9.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039087.D

Acq: 11 Jan 2019 14:14

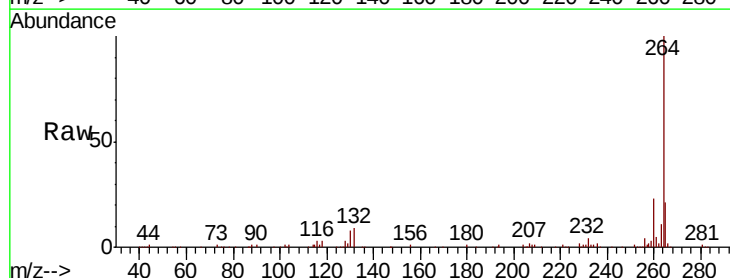
Tgt Ion:264 Resp: 207235

Ion Ratio Lower Upper

264 100

260 23.0 17.0 25.6

265 20.6 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

