

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039142.D
 Acq On : 15 Jan 2019 21:49
 Operator : JU/SJ
 Sample : K1142-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

Quant Time: Jan 16 01:20:00 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

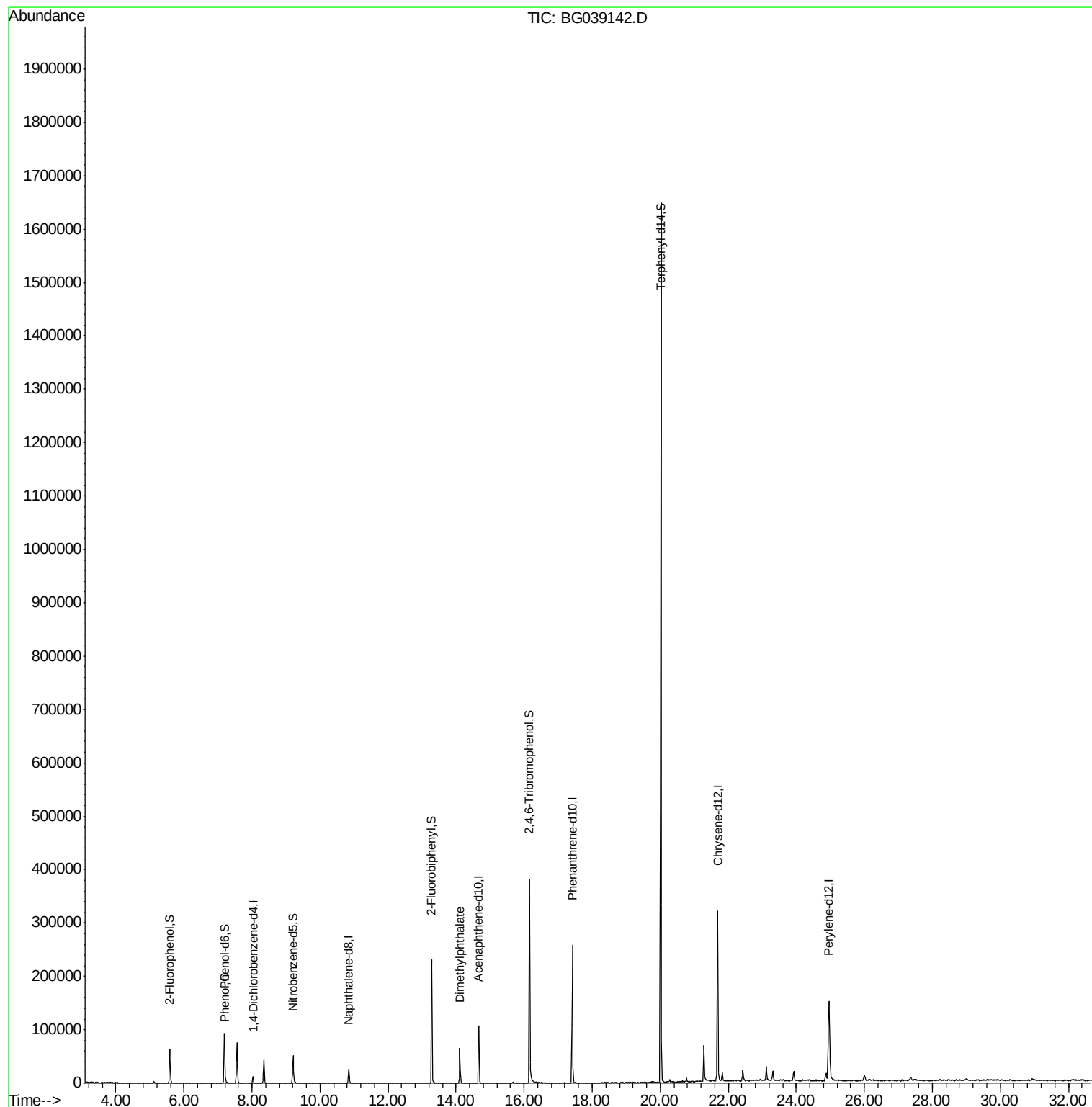
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	4455	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	27433	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	40299	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	173840	20.00	ng	0.00
76) Chrysene-d12	21.69	240	222180	20.00	ng	-0.02
87) Perylene-d12	24.96	264	206414	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	35526	151.27	ng	0.00
7) Phenol-d6	7.19	99	62613	185.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	35396	70.60	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	95932	142.01	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	137793	46.79	ng	0.00
79) Terphenyl-d14	20.02	244	882371	73.47	ng	0.00
Target Compounds						
10) Phenol	7.21	94	1009	2.978	ng	Qvalue # 60
50) Dimethylphthalate	14.11	163	51410	15.096	ng	100

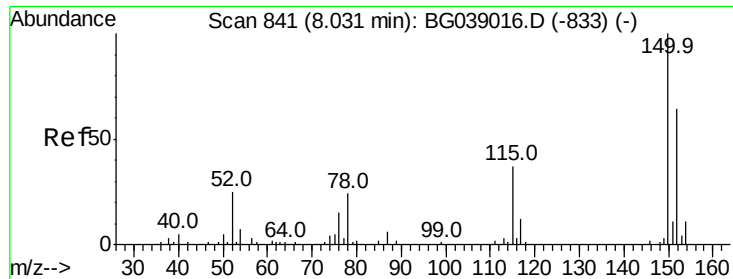
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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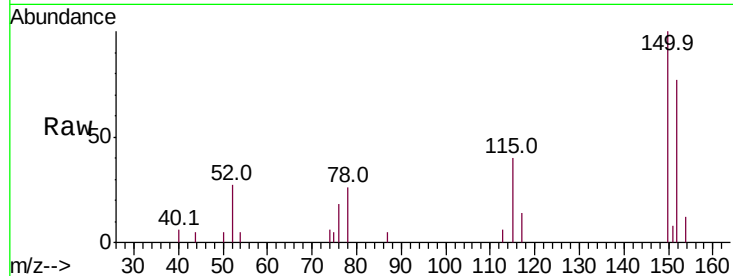


#1

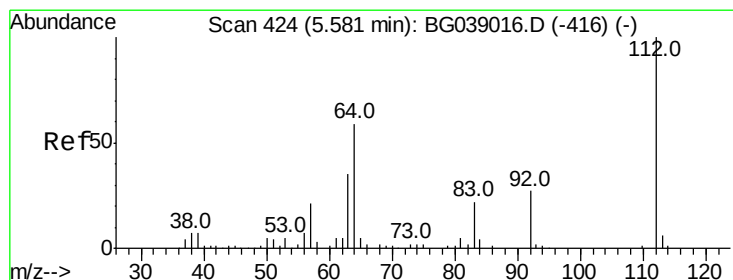
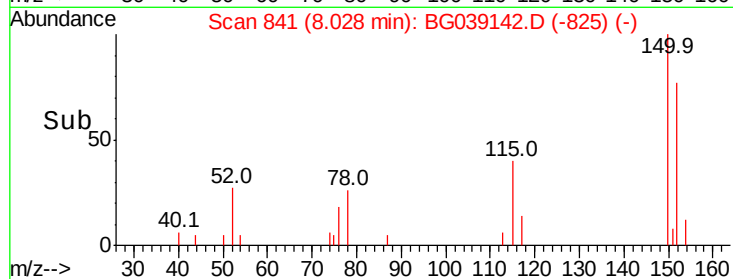
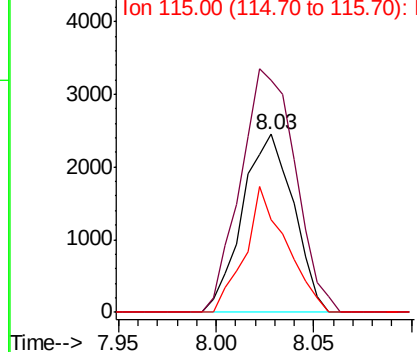
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tot Ion:152 Resp: 4455
Ion Ratio Lower Upper
152 100
150 130.3 124.7 187.1
115 52.1 46.5 69.7



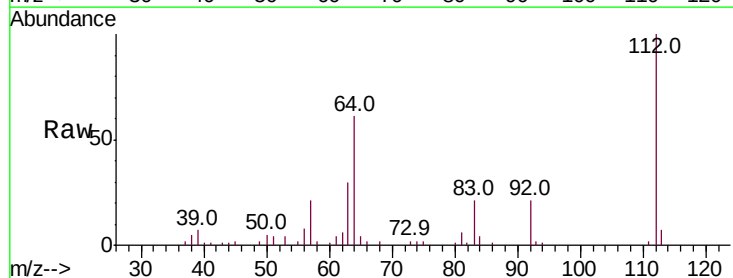
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



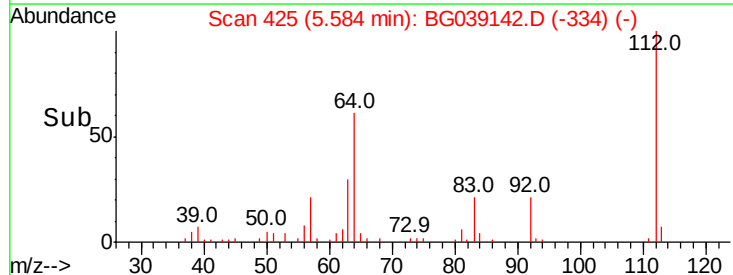
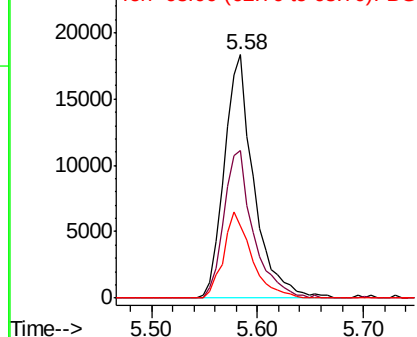
#5

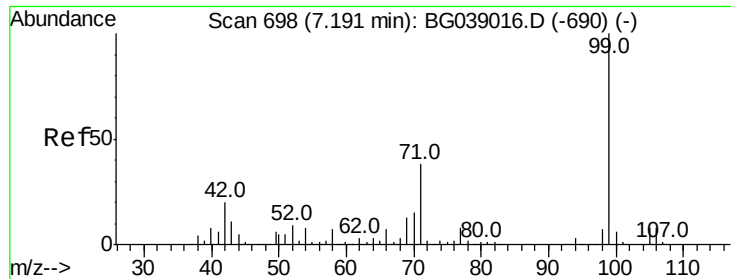
2-Fluorophenol
Concen: 151.273 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Tgt Ion:112 Resp: 35526
Ion Ratio Lower Upper
112 100
64 60.7 47.0 70.6
63 29.8 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: 185.259 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

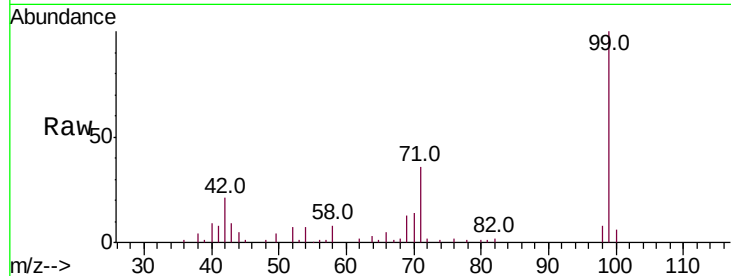
Tot Ion: 99 Resp: 62613

Ion Ratio Lower Upper

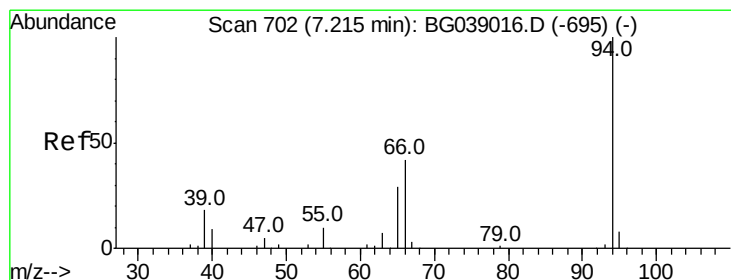
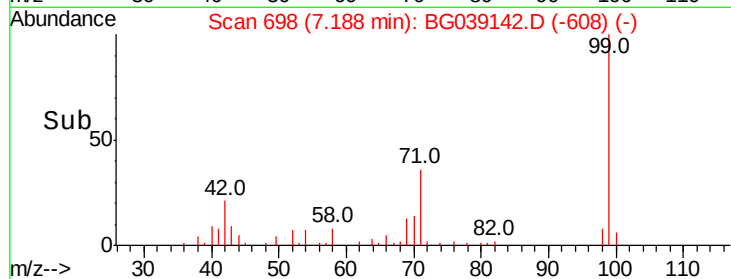
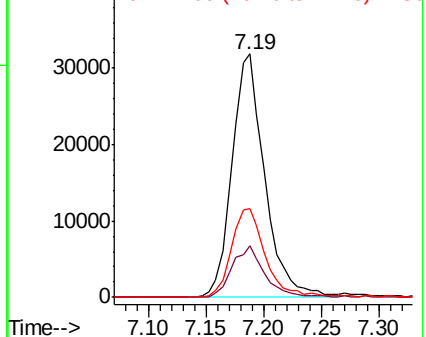
99 100

42 20.9 15.8 23.6

71 36.4 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: 2.978 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

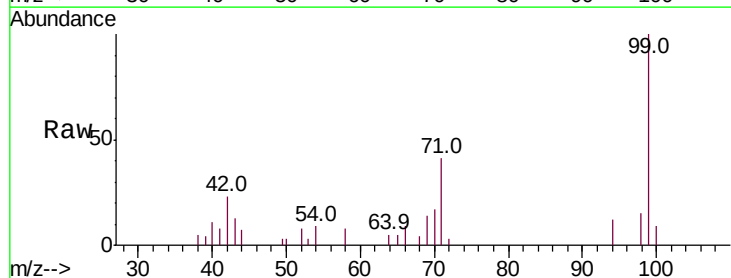
Tgt Ion: 94 Resp: 1009

Ion Ratio Lower Upper

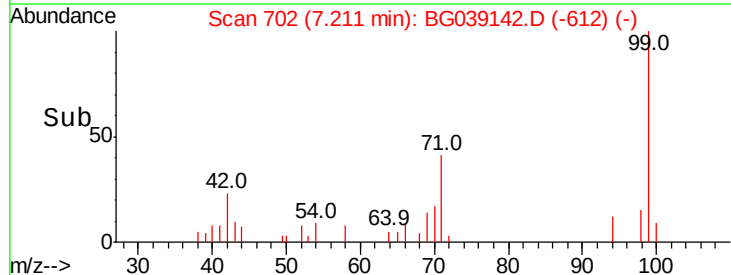
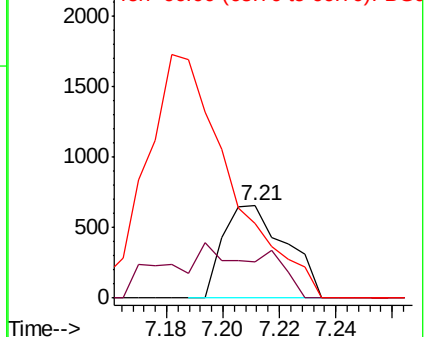
94 100

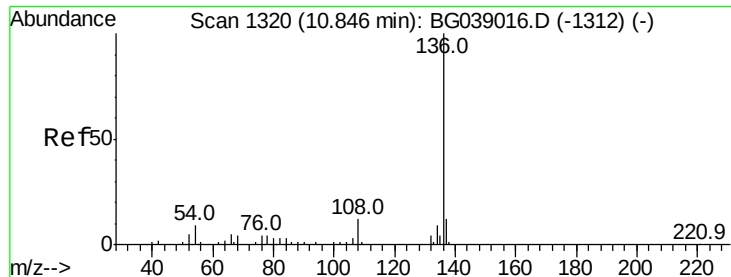
65 39.4 10.3 50.3

66 81.3 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

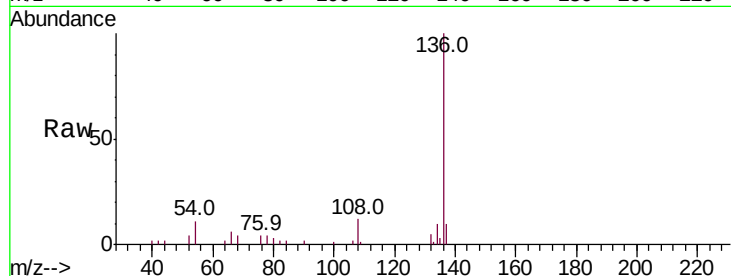




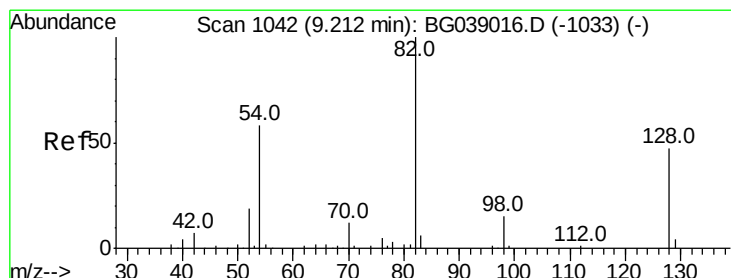
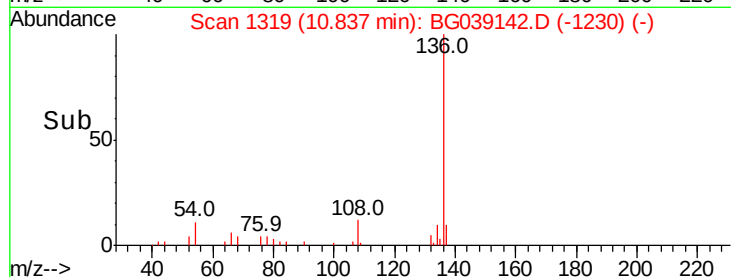
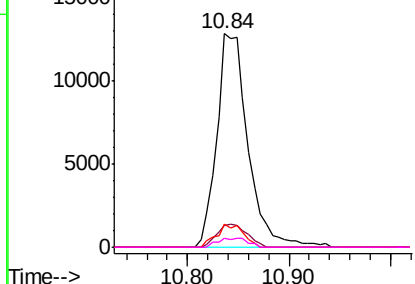
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tot Ion:136	Resp:	27433	
Ion Ratio	Lower	Upper	
136 100			
137 10.2	9.4	14.2	
54 10.7	7.2	10.8	
68 4.4	3.5	5.3	

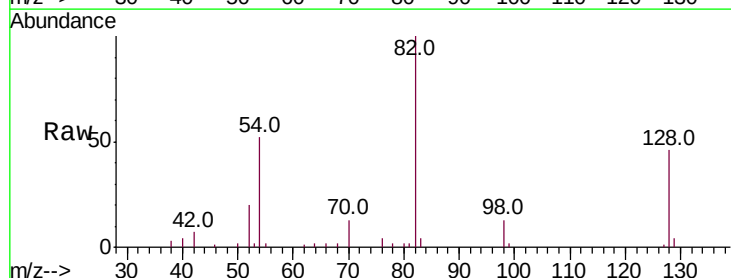


Abundance Ion 136.00 (135.70 to 136.70): E
20000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

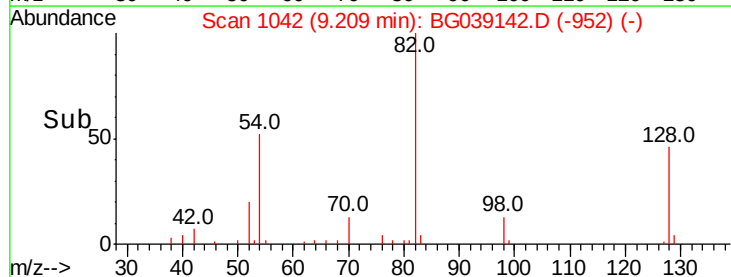
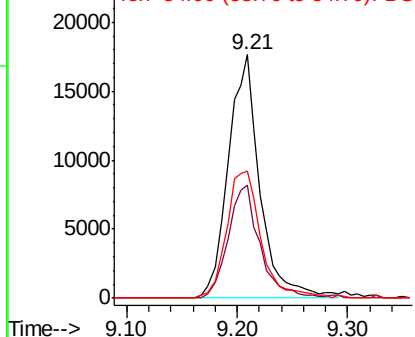


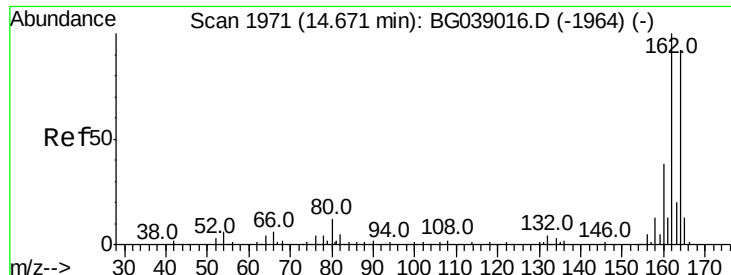
#23
Nitrobenzene-d5
Concen: 70.603 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Tgt Ion: 82	Resp: 35396
Ion Ratio	Lower Upper
82 100	
128 46.4	37.3 55.9
54 52.3	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: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

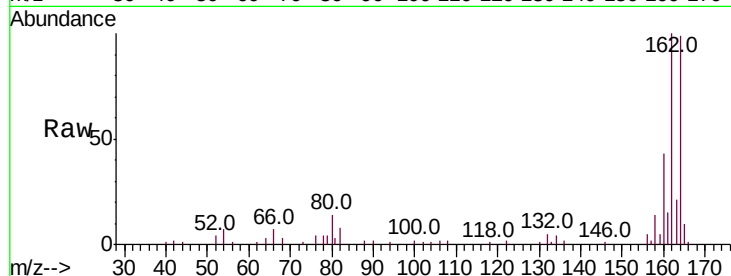
Tot Ion:164 Resp: 40299

Ion Ratio Lower Upper

164 100

162 100.8 87.2 130.8

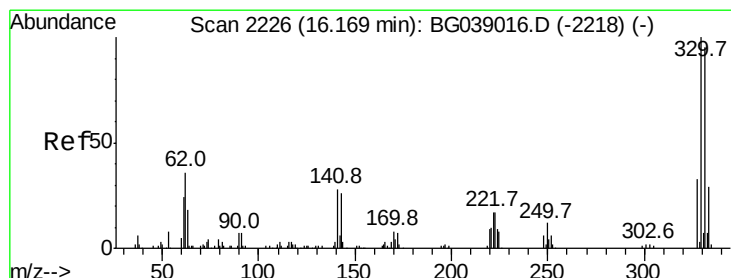
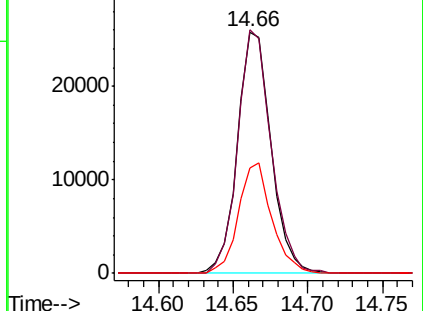
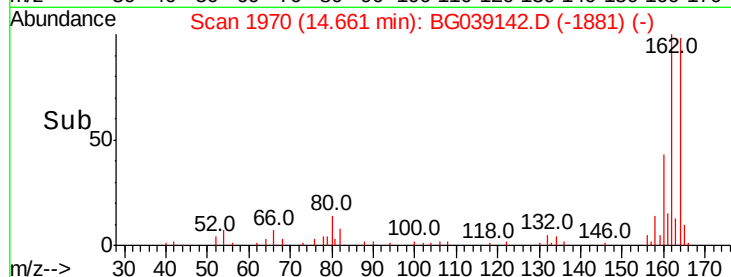
160 43.7 33.3 49.9



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: 142.012 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

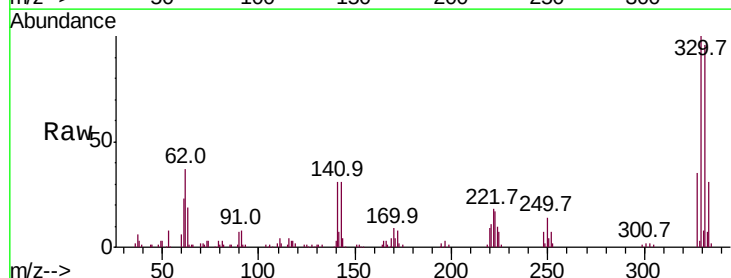
Tgt Ion:330 Resp: 95932

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

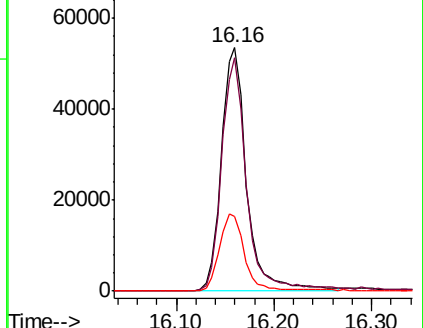
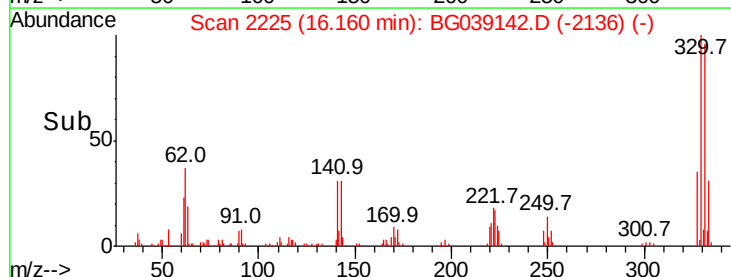
141 32.3 24.9 37.3

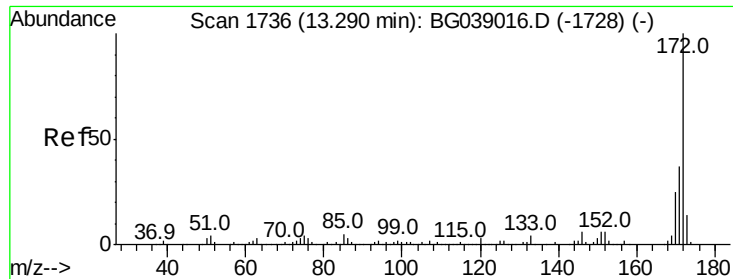


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

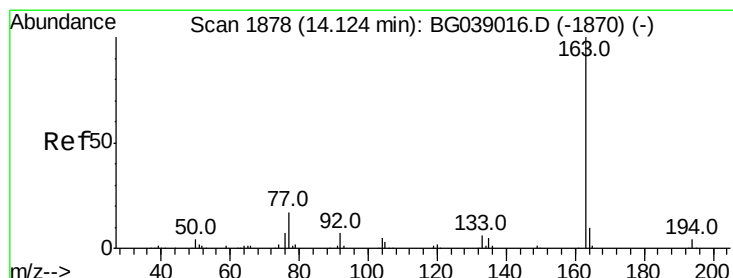
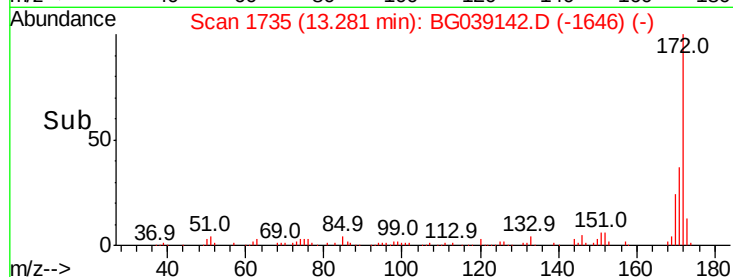
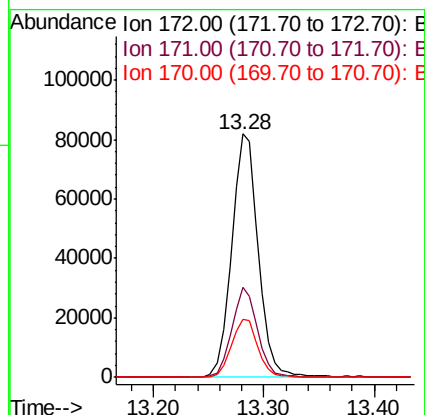
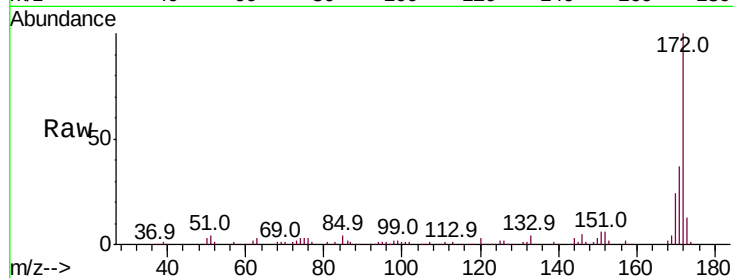




#45
2-Fluorobiphenyl
Concen: 46.795 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

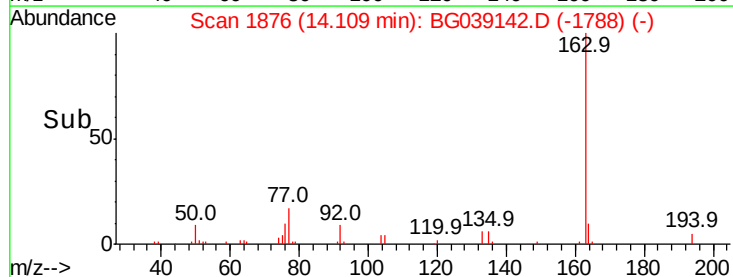
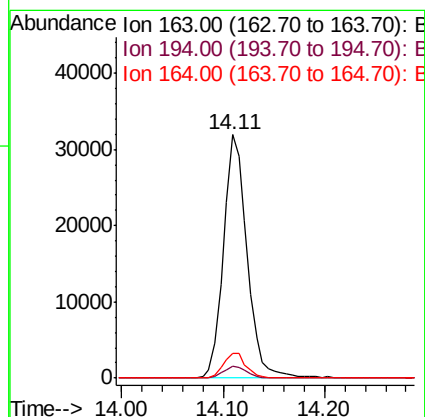
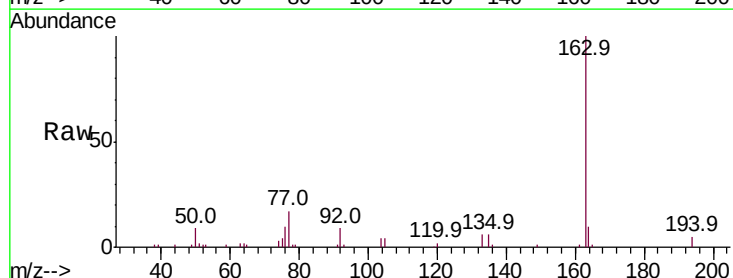
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

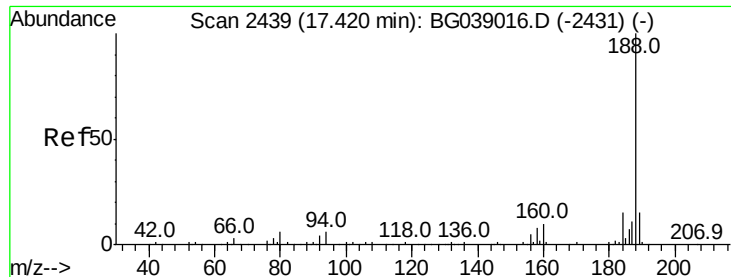
Tot Ion:172 Resp: 137793
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.0 20.1 30.1



#50
Dimethylphthalate
Concen: 15.096 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Tgt Ion:163 Resp: 51410
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 10.2 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

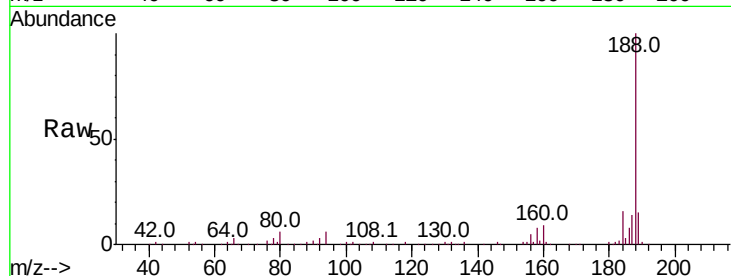
Tot Ion:188 Resp: 173840

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

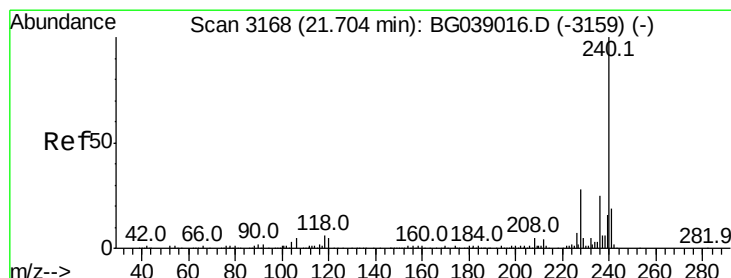
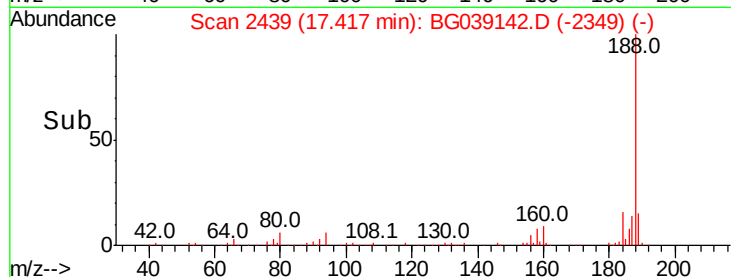
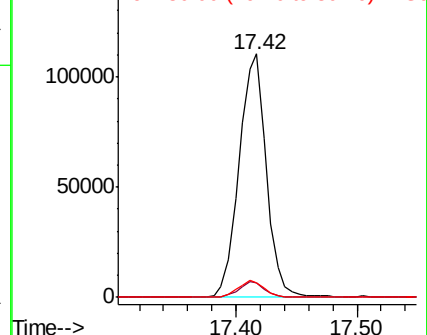
80 6.0 4.7 7.1



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. -0.02 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

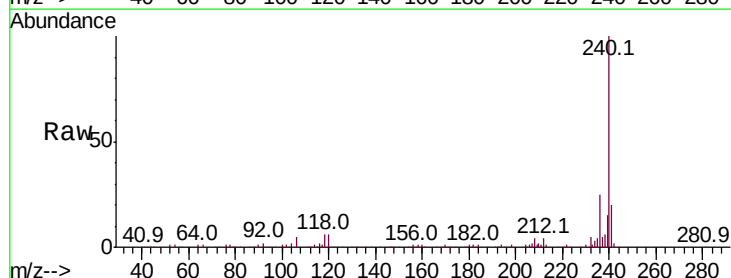
Tgt Ion:240 Resp: 222180

Ion Ratio Lower Upper

240 100

120 5.8 4.3 6.5

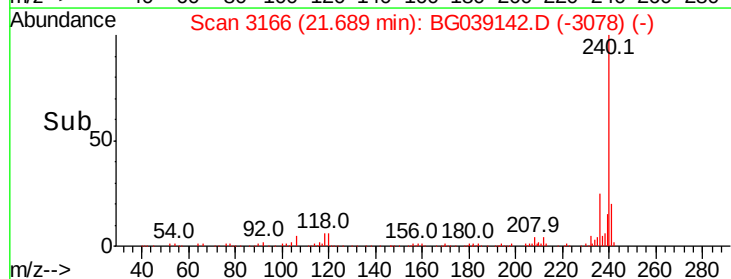
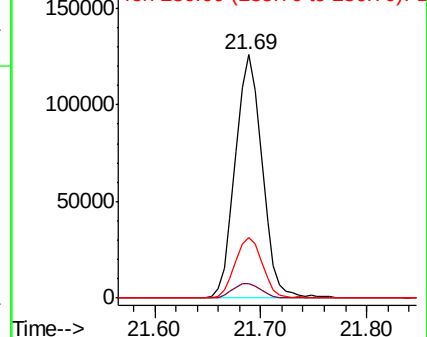
236 25.1 20.1 30.1

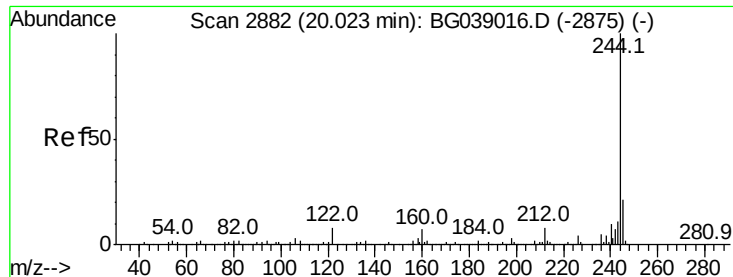


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.467 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039142.D

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ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

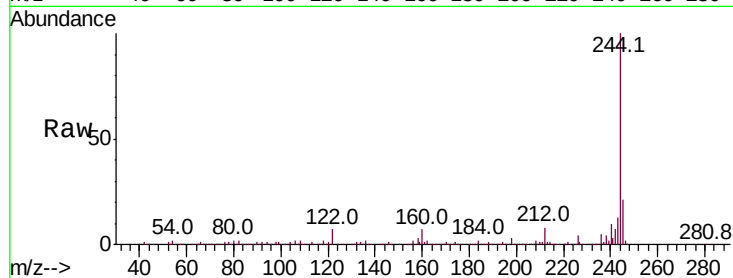
Tot Ion:244 Resp: 882371

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

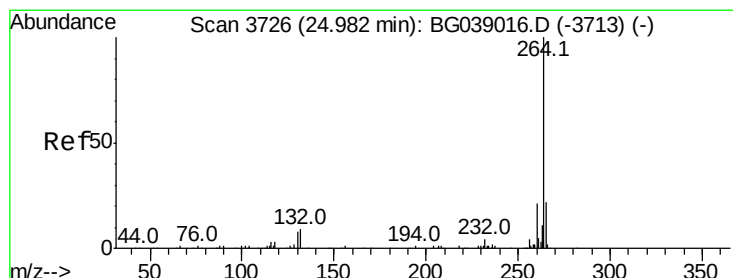
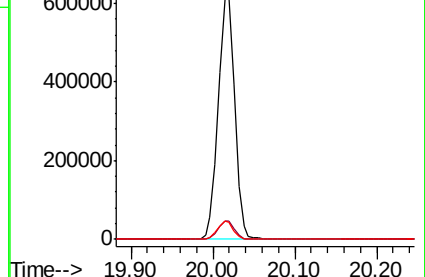
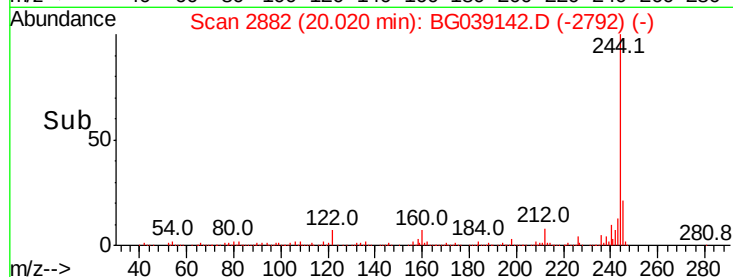
122 7.1 6.1 9.1



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: BG039142.D

Acq: 15 Jan 2019 21:49

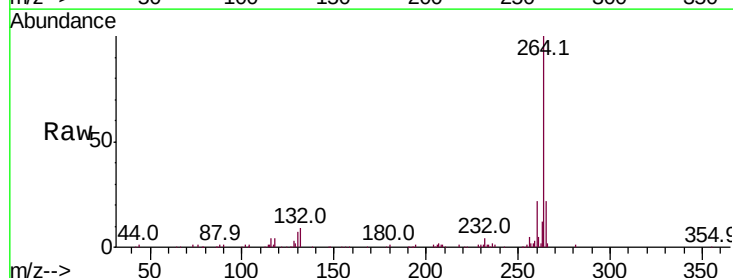
Tgt Ion:264 Resp: 206414

Ion Ratio Lower Upper

264 100

260 21.8 17.0 25.6

265 22.0 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

