

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038295.D
 Acq On : 1 Dec 2018 20:06
 Operator : JU/SJ
 Sample : J6128-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112718-CHDE-F-D-B

Quant Time: Dec 03 03:08:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

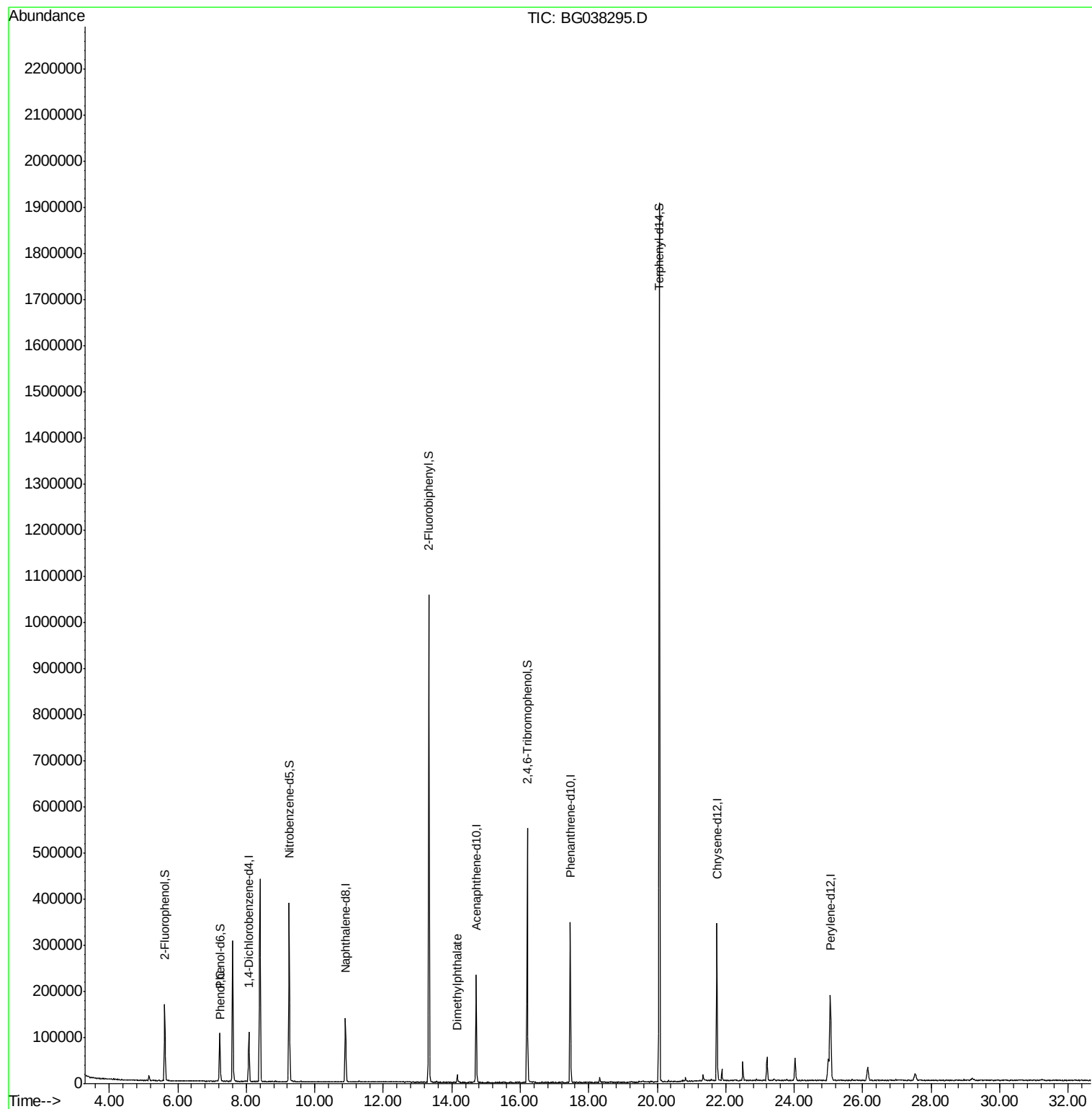
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30807	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	128927	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	87344	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	217944	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	205906	20.00	ng	-0.01
87) Perylene-d12	25.05	264	212346	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	73617	41.26	ng	-0.01
7) Phenol-d6	7.22	99	62814	24.66	ng	0.00
23) Nitrobenzene-d5	9.25	82	240154	99.71	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	104266	104.67	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	566999	94.57	ng	-0.01
79) Terphenyl-d14	20.06	244	918123	104.92	ng	0.00
Target Compounds						
10) Phenol	7.25	94	7350	2.724	ng	Qvalue 86
50) Dimethylphthalate	14.16	163	15080	2.178	ng	# 97

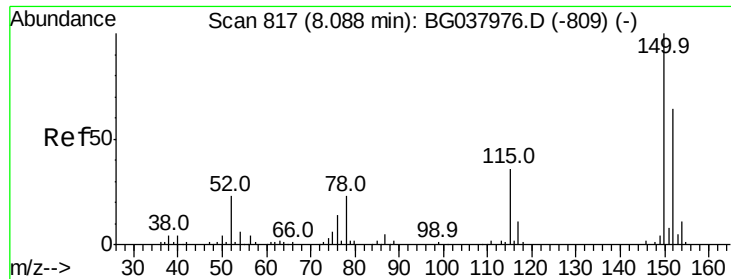
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-B

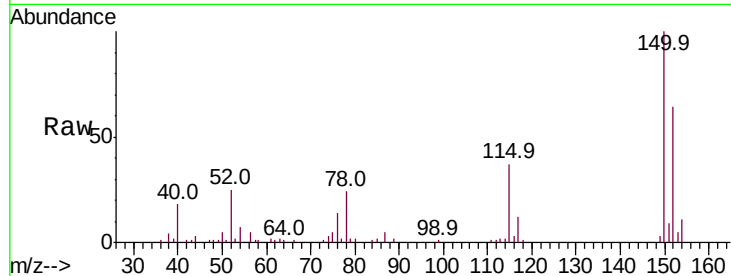
Tot Ion:152 Resp: 30807

Ion Ratio Lower Upper

152 100

150 157.0 126.0 189.0

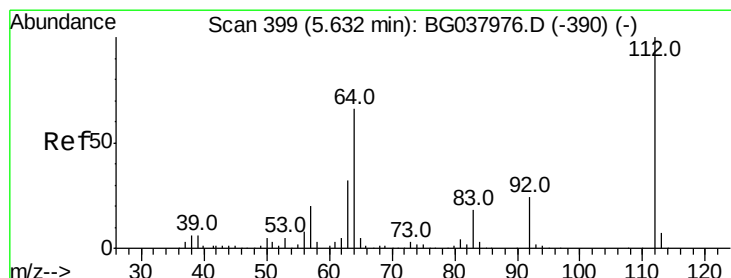
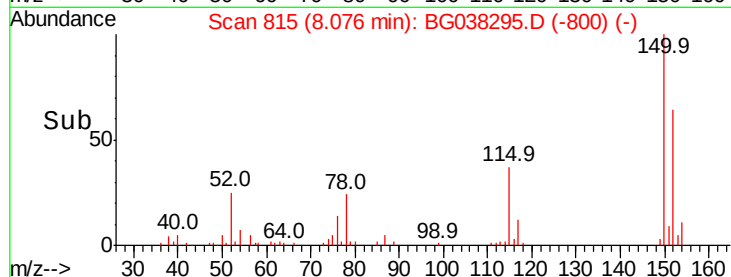
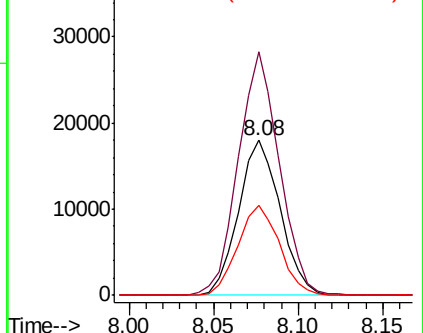
115 57.6 45.5 68.3



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: 41.258 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

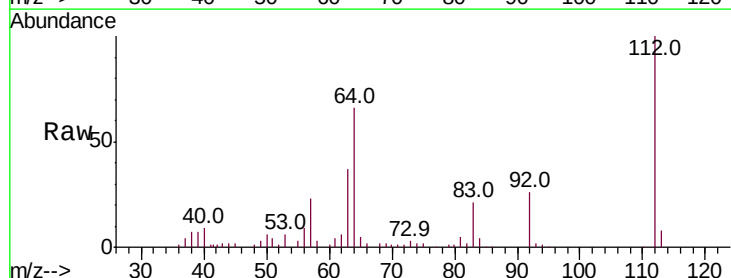
Tgt Ion:112 Resp: 73617

Ion Ratio Lower Upper

112 100

64 66.0 53.1 79.7

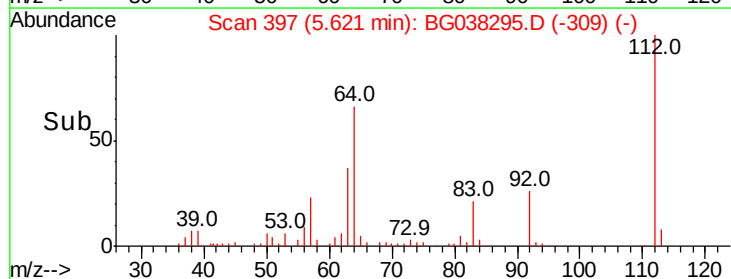
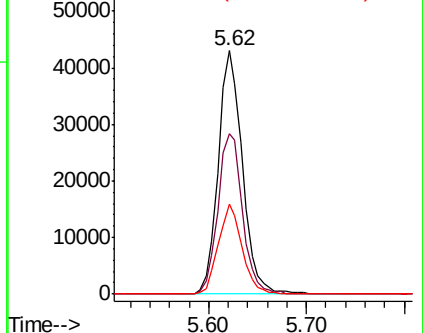
63 36.8 27.3 40.9

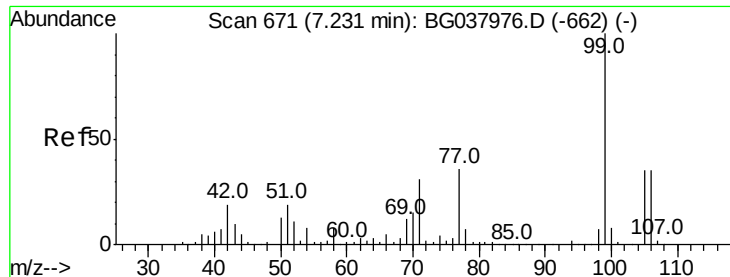


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 24.662 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-B

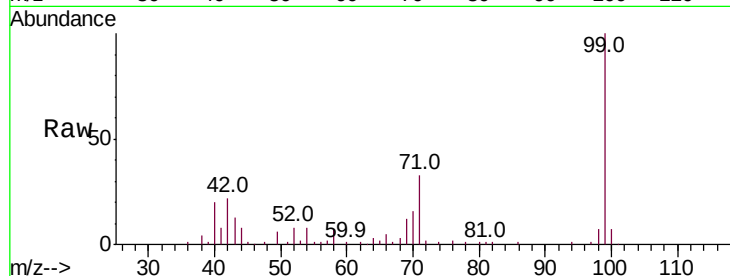
Tot Ion: 99 Resp: 62814

Ion Ratio Lower Upper

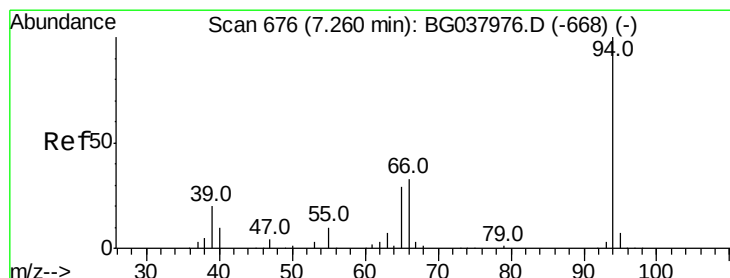
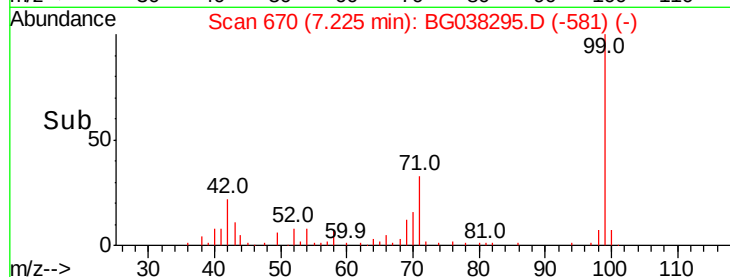
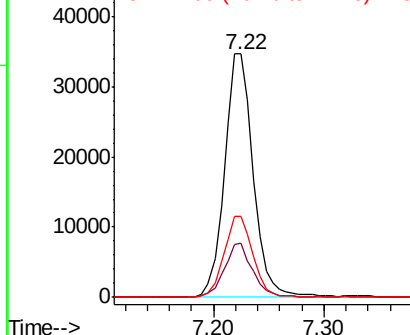
99 100

42 22.1 15.0 22.4

71 33.1 25.5 38.3



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: 2.724 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

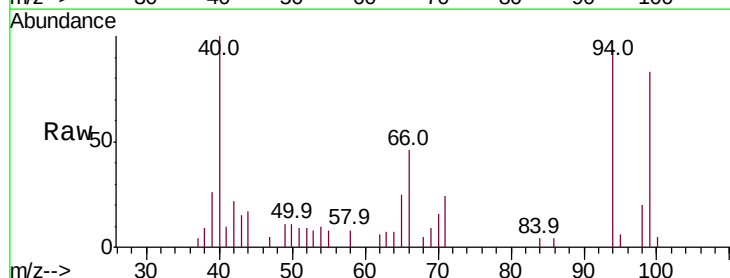
Tgt Ion: 94 Resp: 7350

Ion Ratio Lower Upper

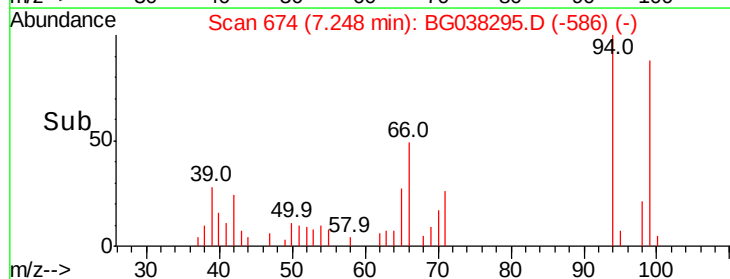
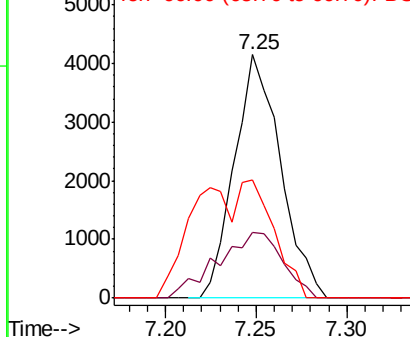
94 100

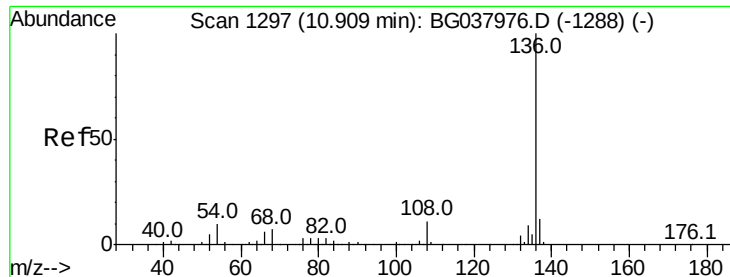
65 26.7 9.7 49.7

66 48.7 15.9 55.9



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

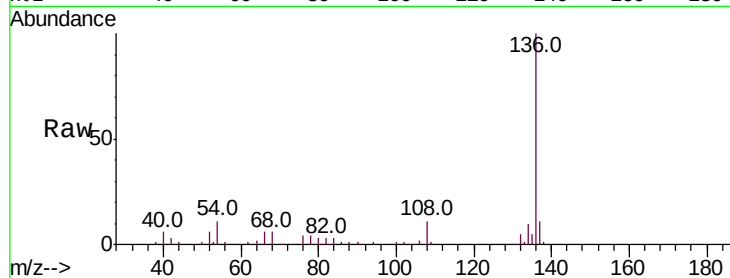




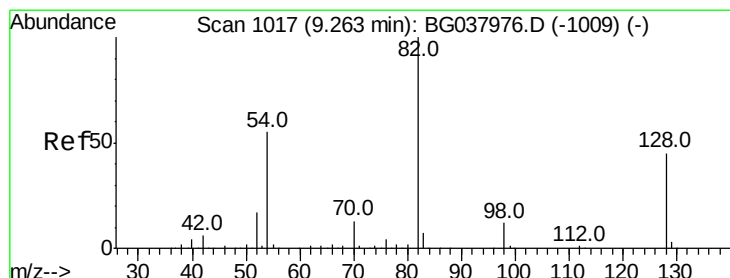
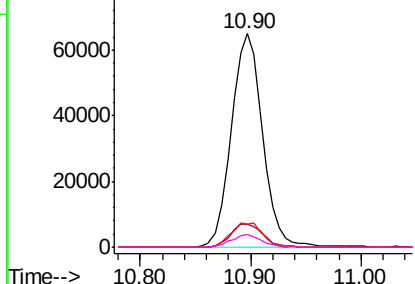
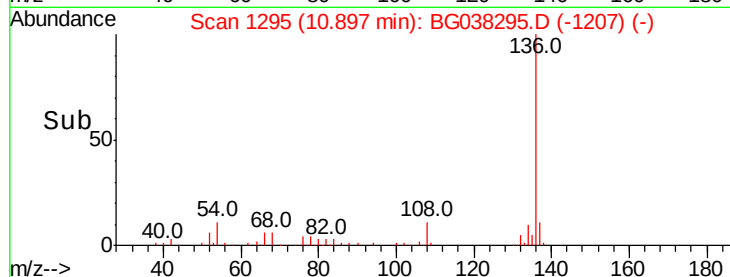
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-D-B

Tot Ion:136	Resp:	128927
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.6 14.4
54	11.0	7.9 11.9
68	6.0	4.8 7.2

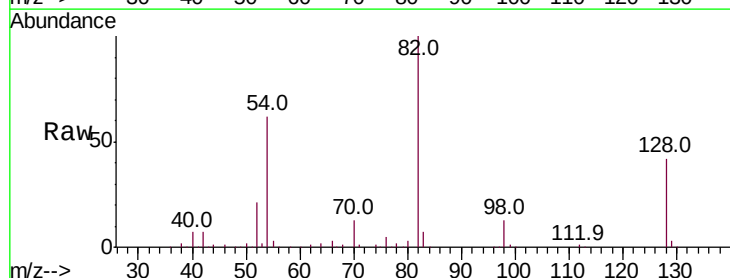


Abundance Ion 136.00 (135.70 to 136.70): E
100000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

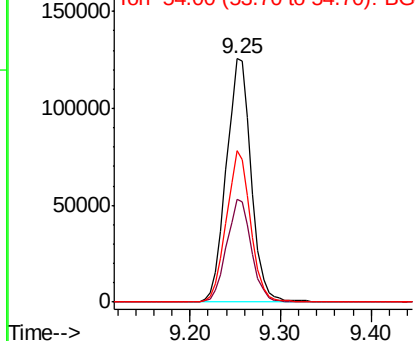
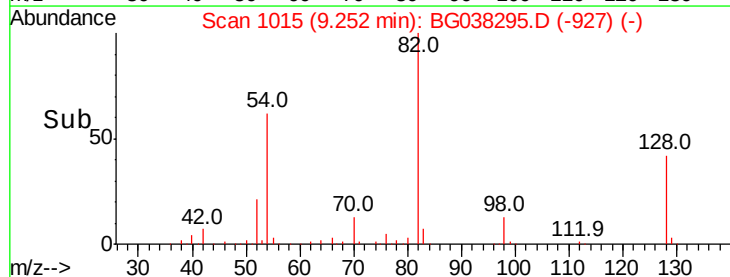


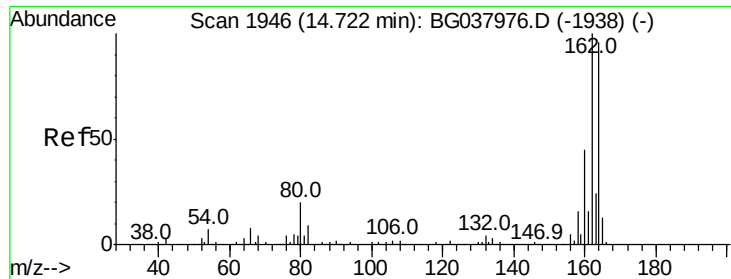
#23
Nitrobenzene-d5
Concen: 99.712 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Tgt Ion: 82	Resp:	240154
Ion	Ratio	Lower Upper
82	100	
128	42.4	34.6 51.8
54	62.0	45.3 67.9



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: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-B

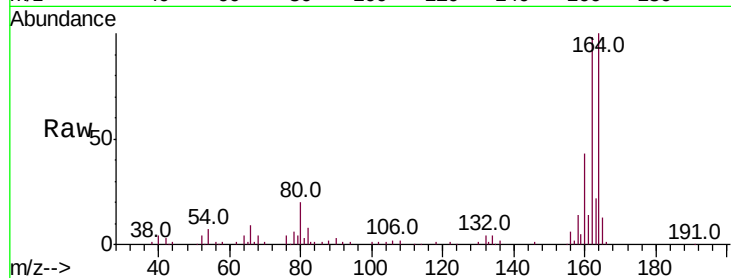
Tot Ion:164 Resp: 87344

Ion Ratio Lower Upper

164 100

162 98.4 81.3 121.9

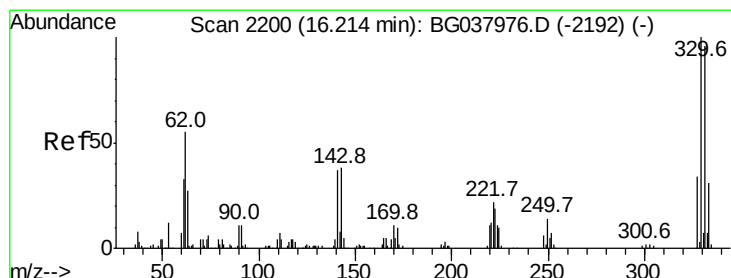
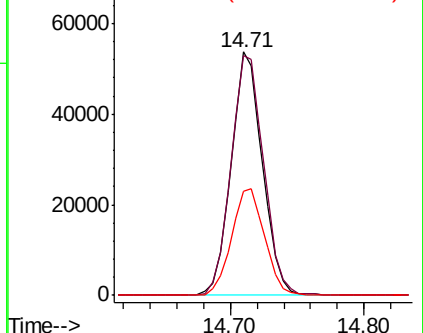
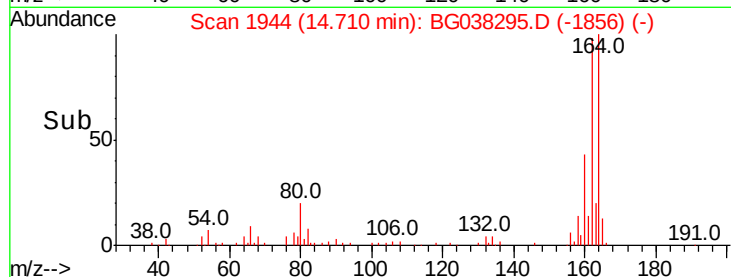
160 43.0 36.3 54.5



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: 104.670 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

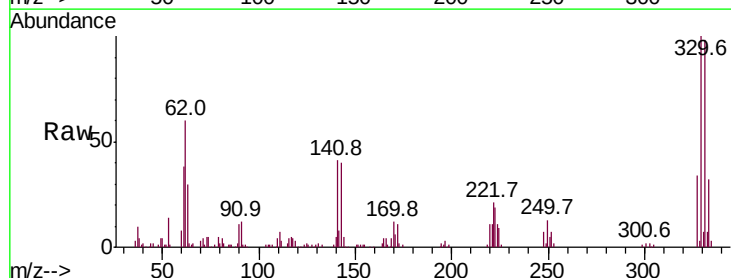
Tgt Ion:330 Resp: 104266

Ion Ratio Lower Upper

330 100

332 94.2 78.4 117.6

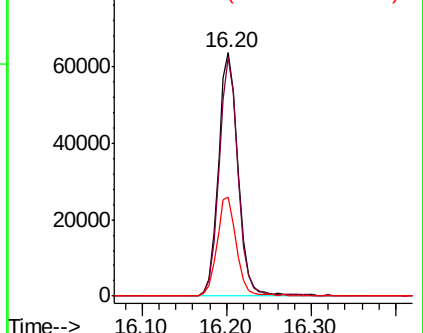
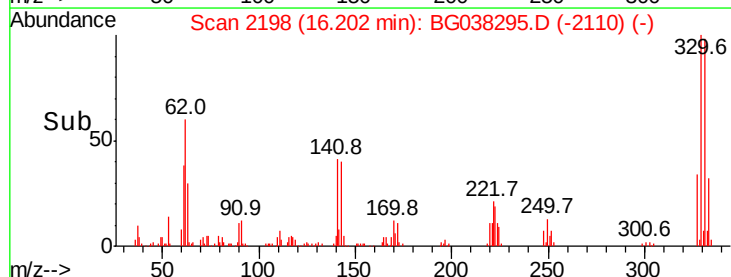
141 39.5 32.2 48.2

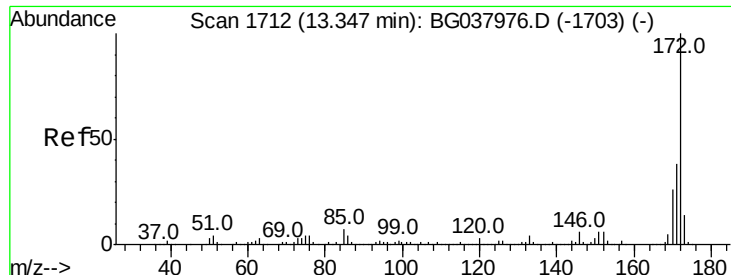


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

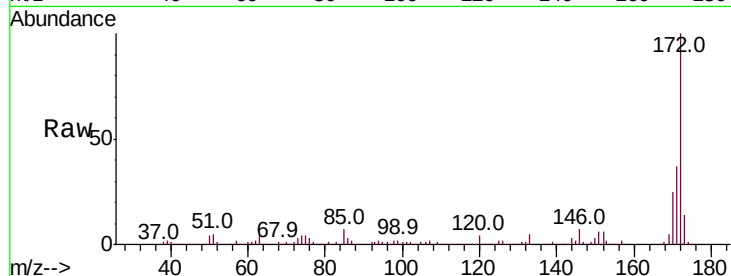




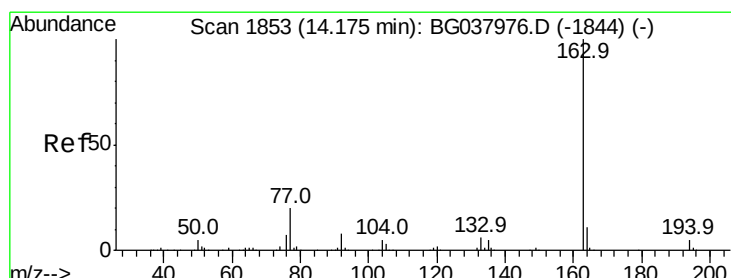
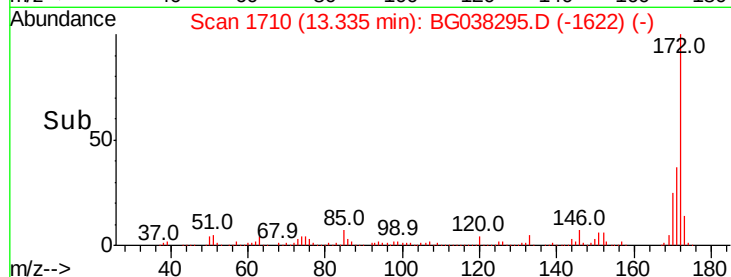
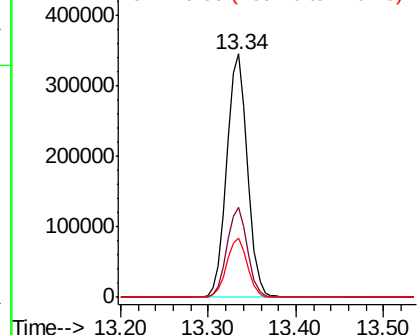
#45
2-Fluorobiphenyl
Concen: 94.572 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-D-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	24.6	20.2	30.2

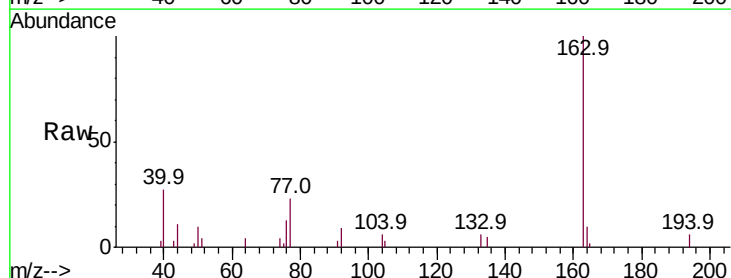


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

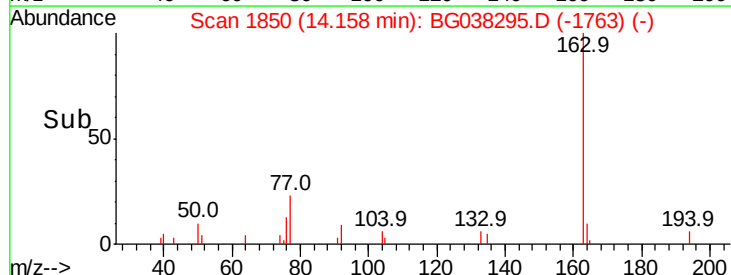
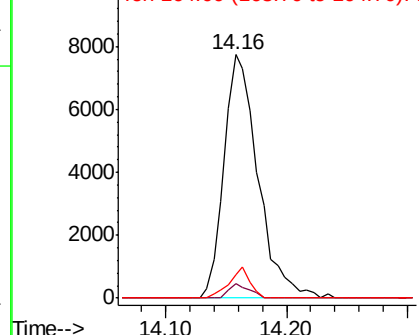


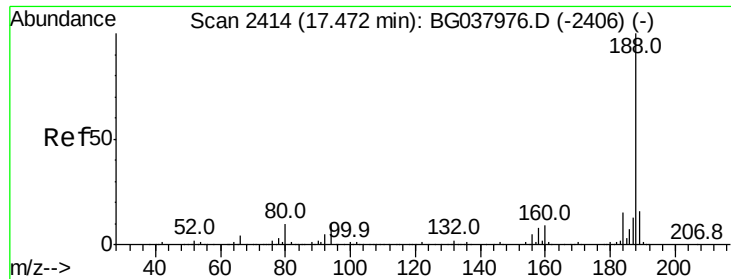
#50
Dimethylphthalate
Concen: 2.178 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.5	5.3#
164	9.5	8.5	12.7



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

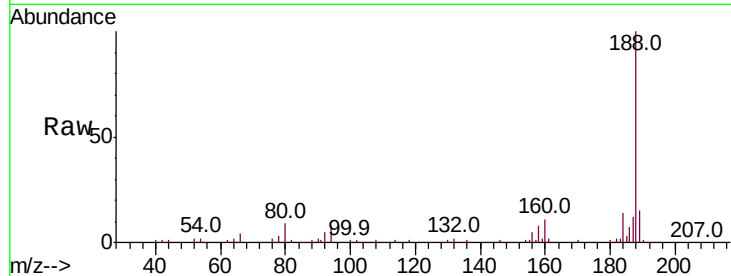




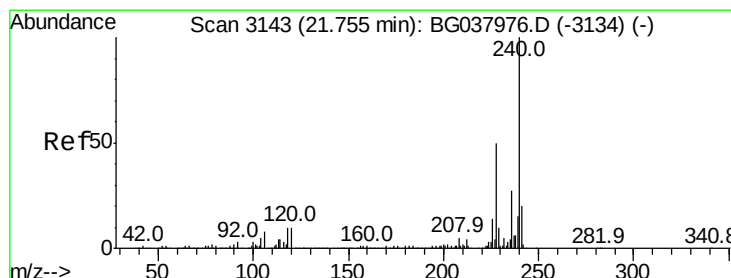
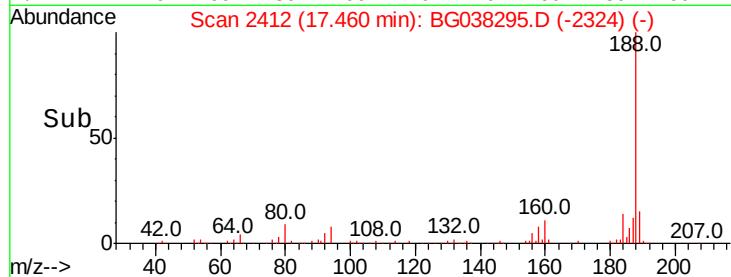
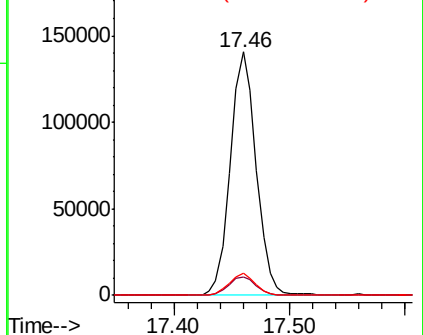
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Instrument :
BNA_G
ClientSampleId :
112718-CHDE-F-D-B

Tot Ion:188 Resp: 217944
Ion Ratio Lower Upper
188 100
94 7.6 7.2 10.8
80 9.0 7.7 11.5

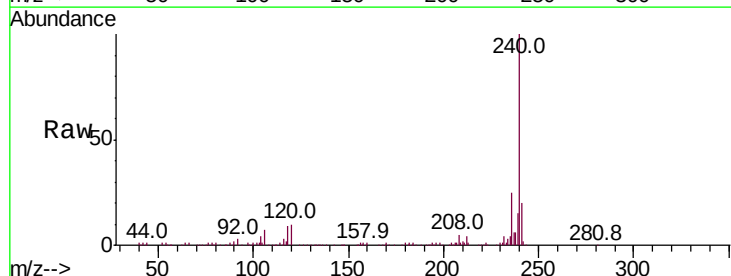


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

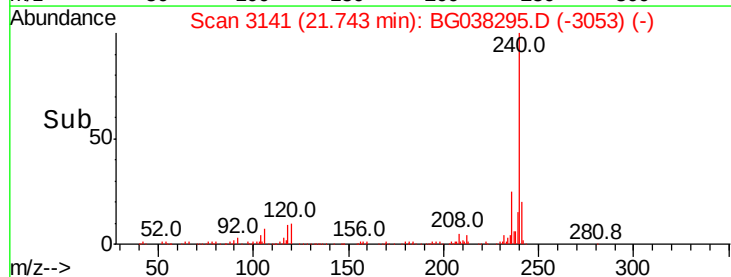
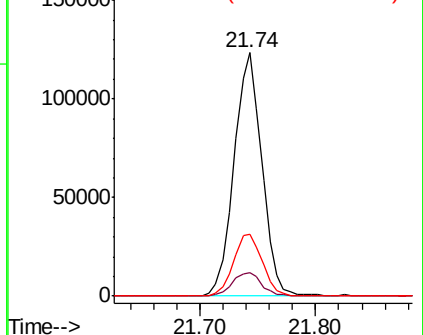


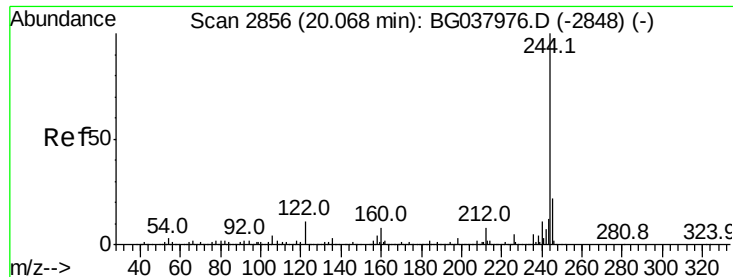
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038295.D
Acq: 1 Dec 2018 20:06

Tgt Ion:240 Resp: 205906
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 25.3 21.4 32.0



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: 104.919 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

112718-CHDE-F-D-B

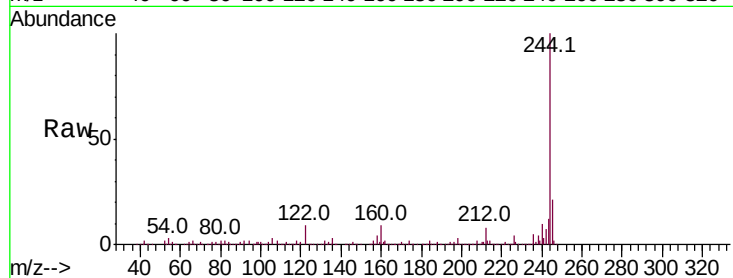
Tot Ion:244 Resp: 918123

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

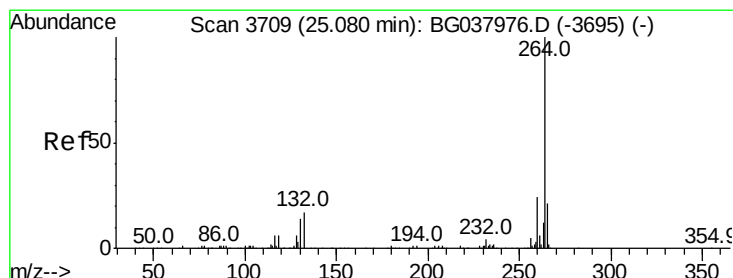
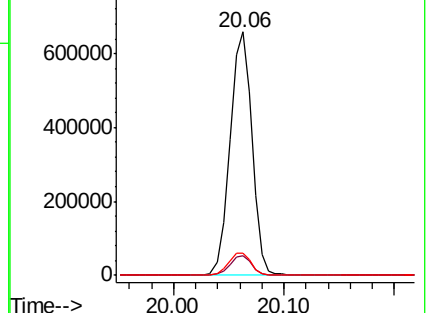
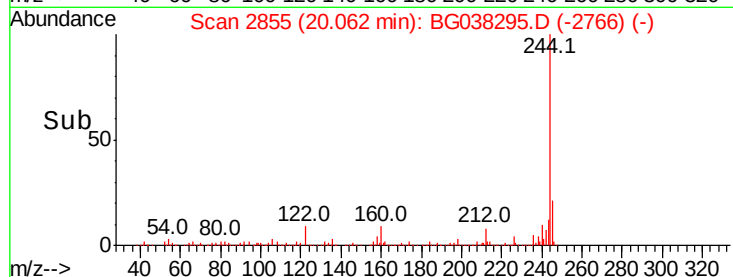
122 9.2 9.0 13.4



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: 25.05 min Scan# 3704

Delta R.T. -0.03 min

Lab File: BG038295.D

Acq: 1 Dec 2018 20:06

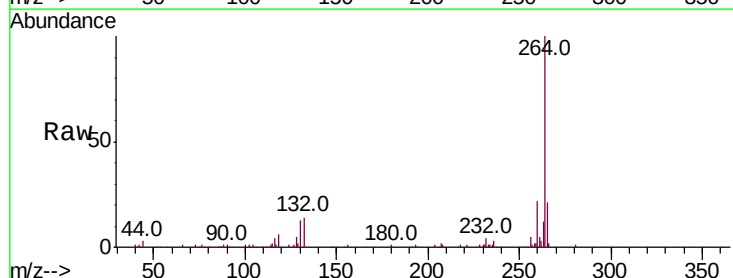
Tgt Ion:264 Resp: 212346

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 21.0 17.9 26.9



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

