

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
 Data File : BG038426.D
 Acq On : 8 Dec 2018 7:16
 Operator : JU/SJ
 Sample : J6019-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Dec 10 02:58:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

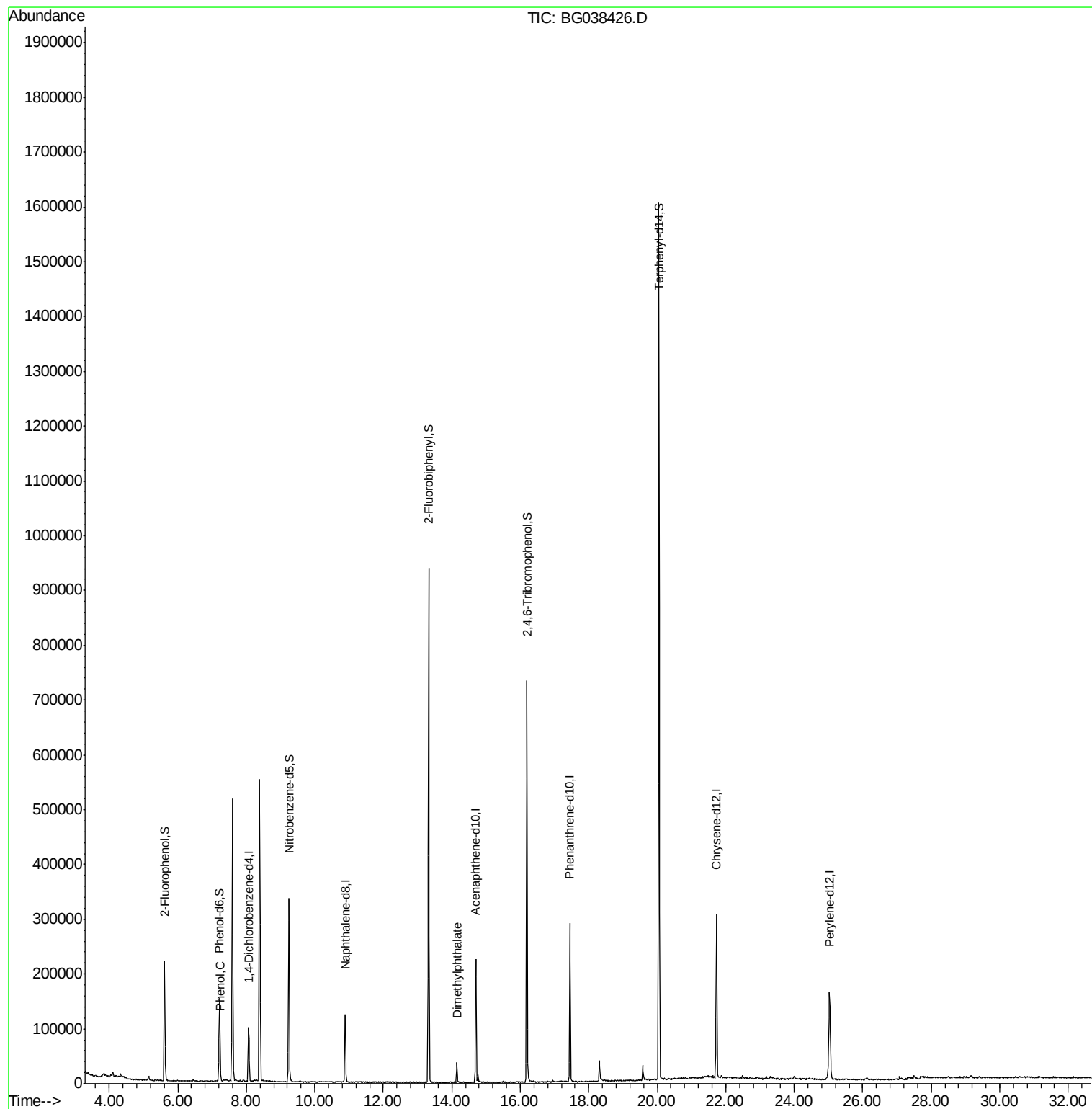
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	31495	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	114589	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	78581	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	190220	20.00	ng	0.00
76) Chrysene-d12	21.73	240	183418	20.00	ng	-0.01
87) Perylene-d12	25.03	264	190456	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	98540	55.37	ng	0.00
7) Phenol-d6	7.22	99	95493	37.12	ng	0.00
23) Nitrobenzene-d5	9.24	82	203156	88.02	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	146168	151.52	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	499648	90.60	ng	0.00
79) Terphenyl-d14	20.05	244	783371	91.49	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7007	2.578	ng	95
50) Dimethylphthalate	14.15	163	27722	4.398	ng	99

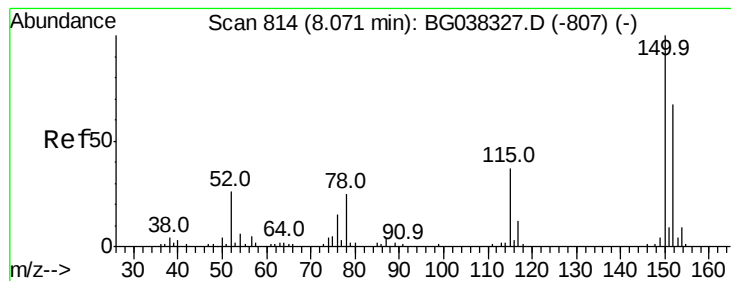
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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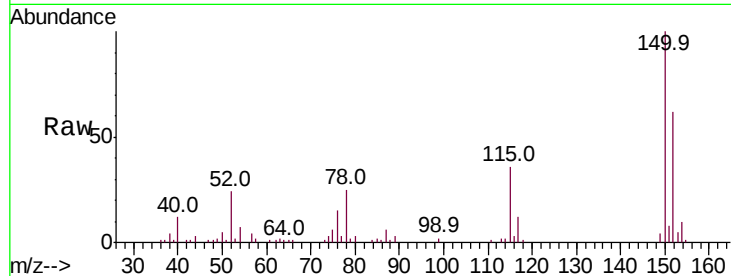


#1

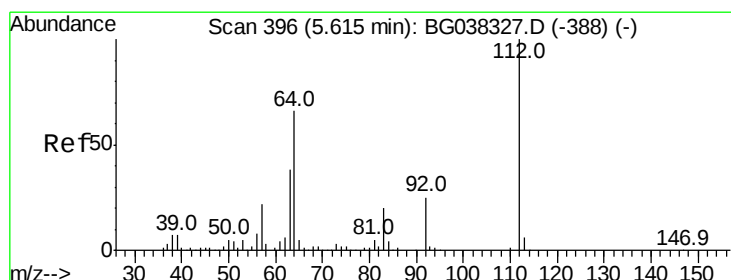
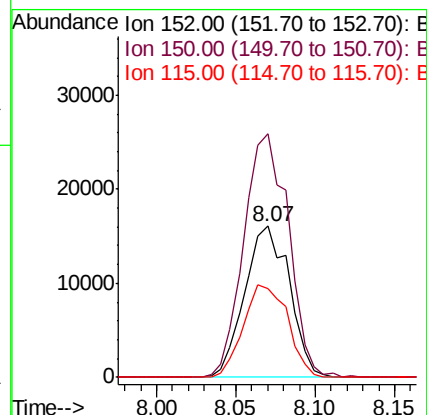
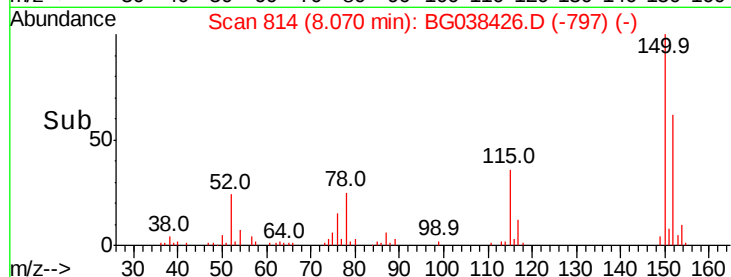
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Instrument :
BNA_G
ClientSampleId :
MW-1

Tot Ion:152 Resp: 31495
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 58.4 45.5 68.3



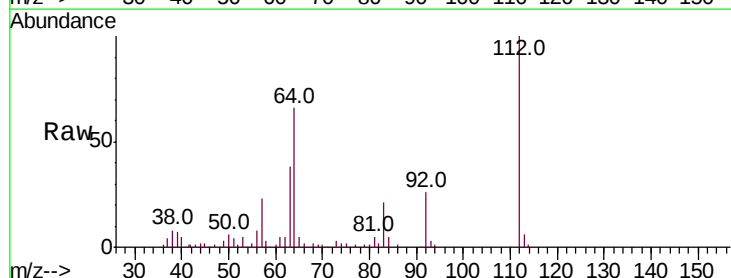
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



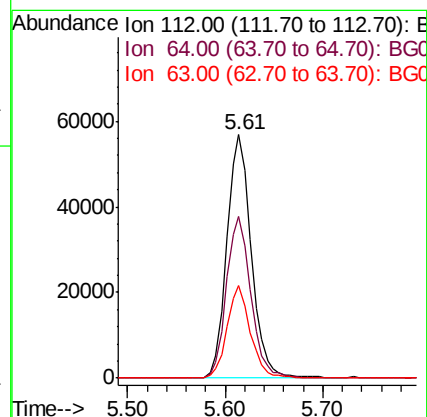
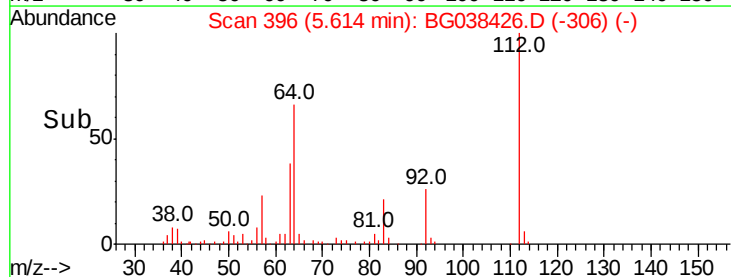
#5

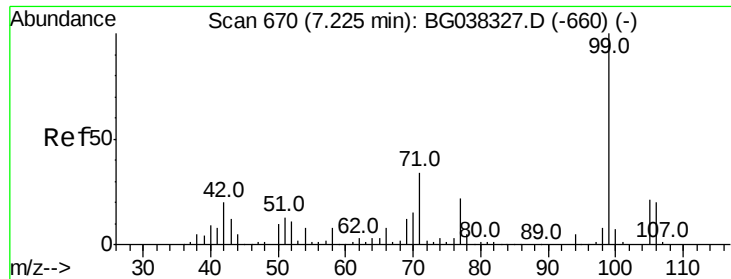
2-Fluorophenol
Concen: 55.368 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Tgt Ion:112 Resp: 98540
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 38.1 27.3 40.9



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: 37.123 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038426.D

Acq: 8 Dec 2018 7:16

Instrument :

BNA_G

ClientSampleId :

MW-1

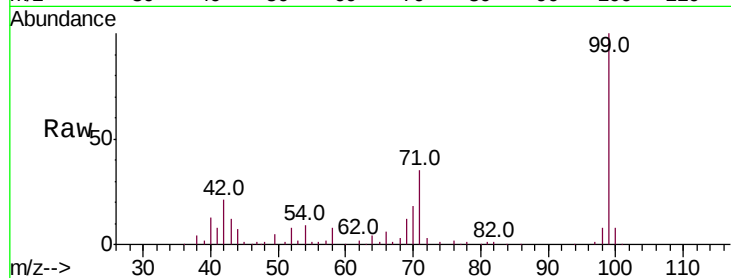
Tot Ion: 99 Resp: 95493

Ion Ratio Lower Upper

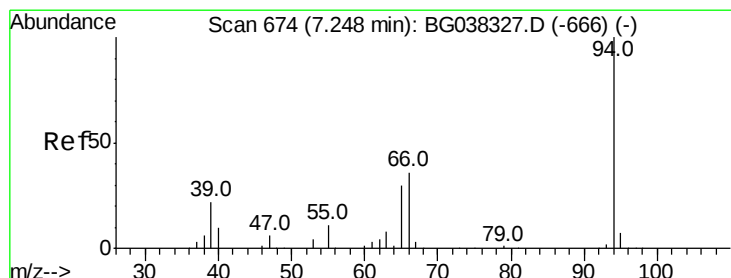
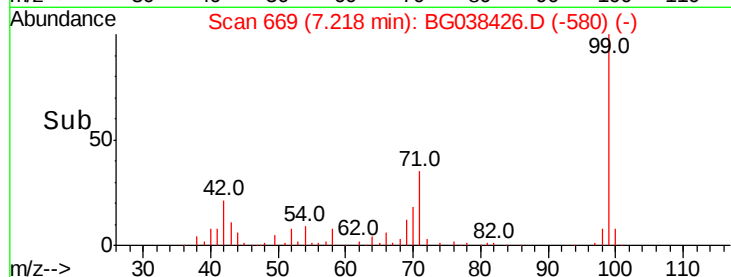
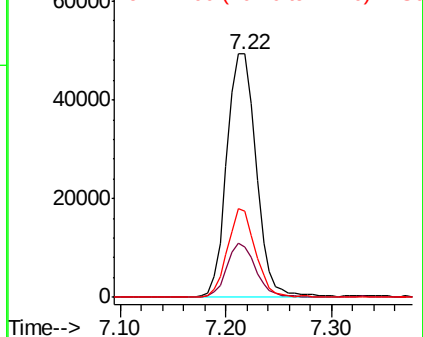
99 100

42 20.6 15.0 22.4

71 35.3 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: 2.578 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038426.D

Acq: 8 Dec 2018 7:16

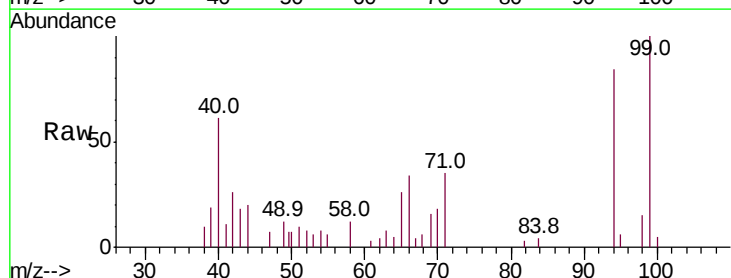
Tgt Ion: 94 Resp: 7007

Ion Ratio Lower Upper

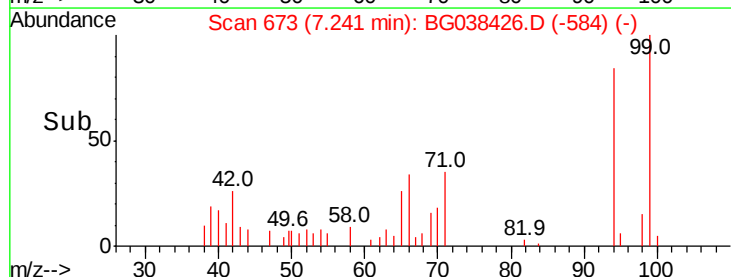
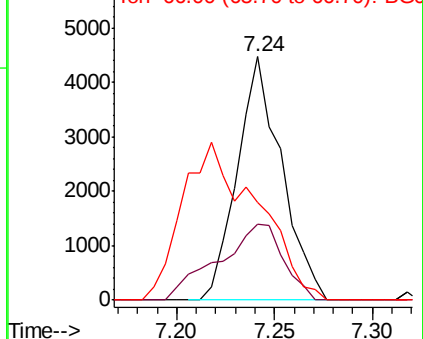
94 100

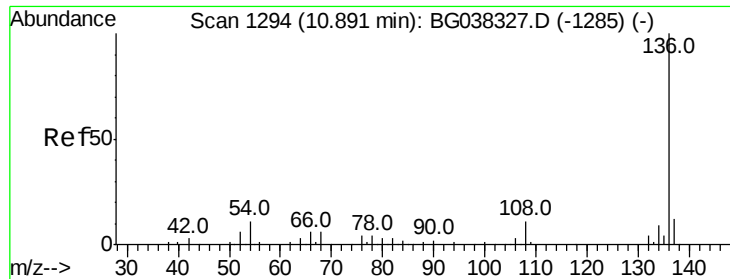
65 31.0 9.7 49.7

66 40.3 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

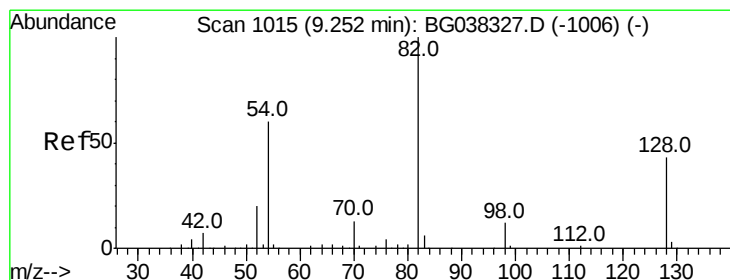
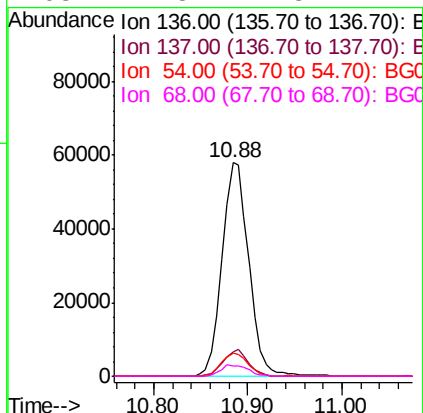
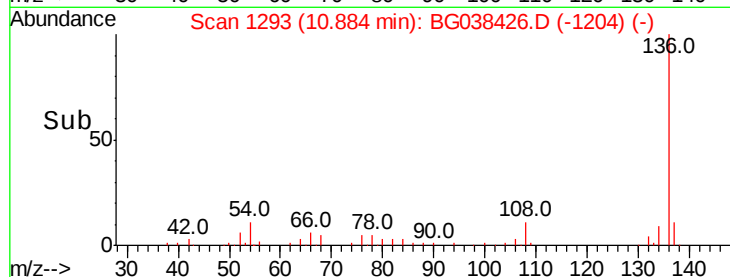
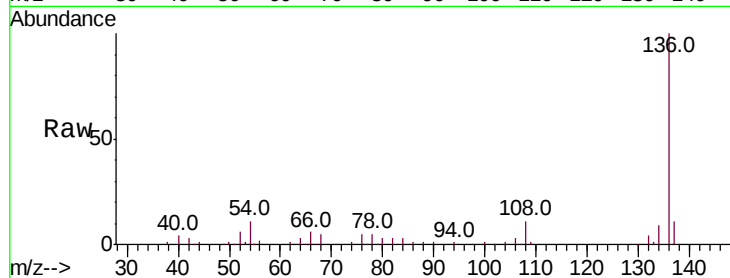




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

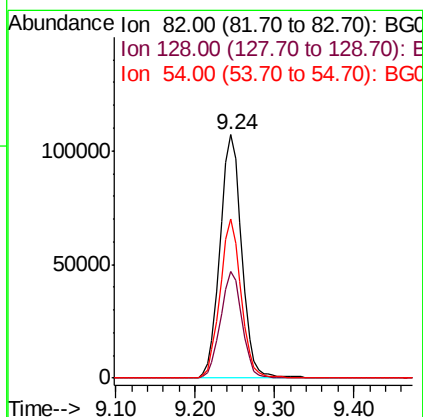
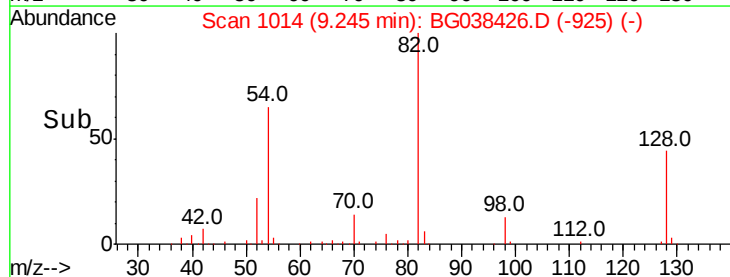
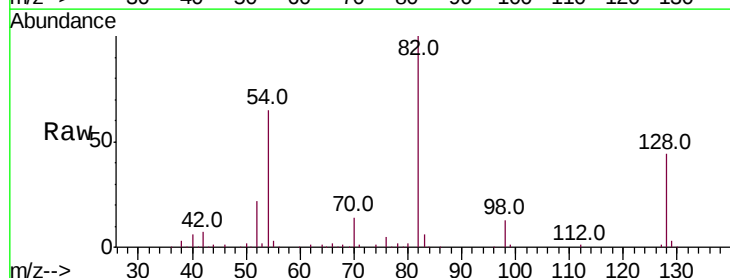
Instrument :
BNA_G
ClientSampleId :
MW-1

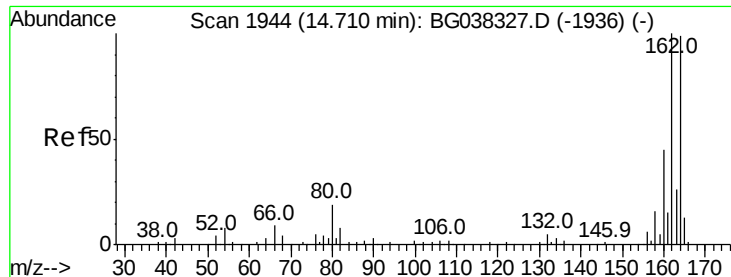
Tot Ion:	136	Resp:	114589
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	11.1	7.9	11.9
68	4.8	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 88.021 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038426.D
Acq: 8 Dec 2018 7:16

Tgt Ion:	82	Resp:	203156
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	65.2	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038426.D

Acq: 8 Dec 2018 7:16

Instrument :

BNA_G

ClientSampleId :

MW-1

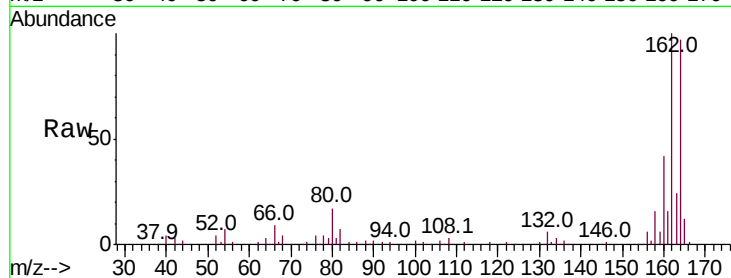
Tot Ion:164 Resp: 78581

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

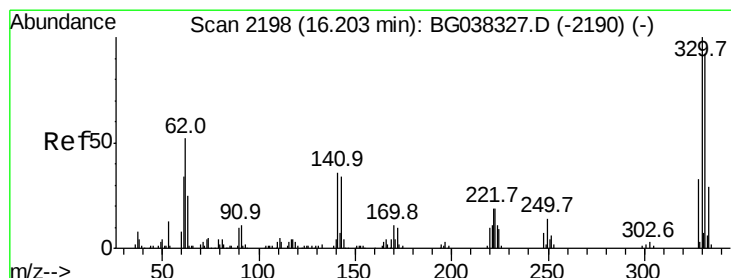
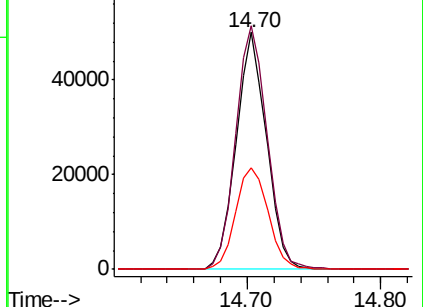
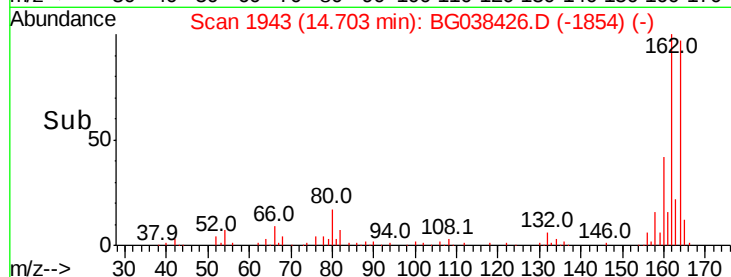
160 42.9 36.3 54.5



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: 151.520 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038426.D

Acq: 8 Dec 2018 7:16

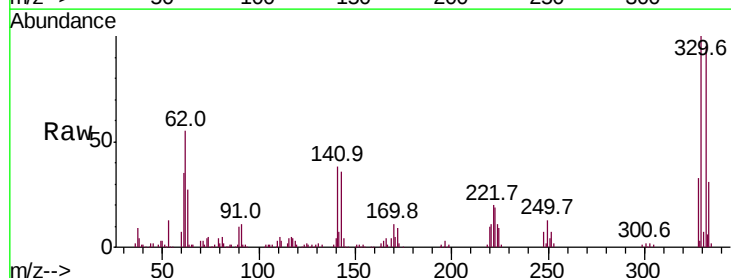
Tgt Ion:330 Resp: 146168

Ion Ratio Lower Upper

330 100

332 93.9 78.4 117.6

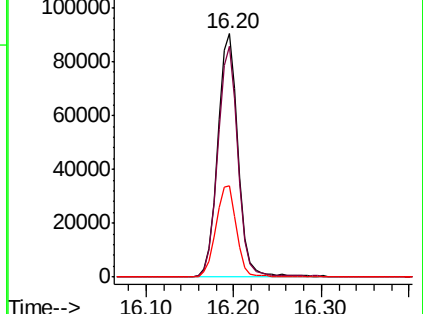
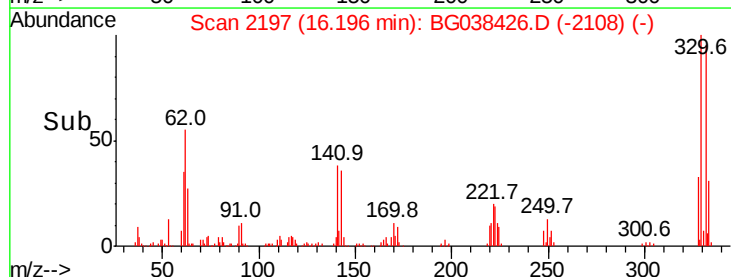
141 38.1 32.2 48.2

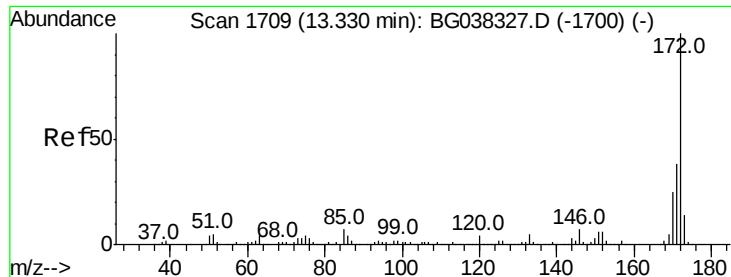


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

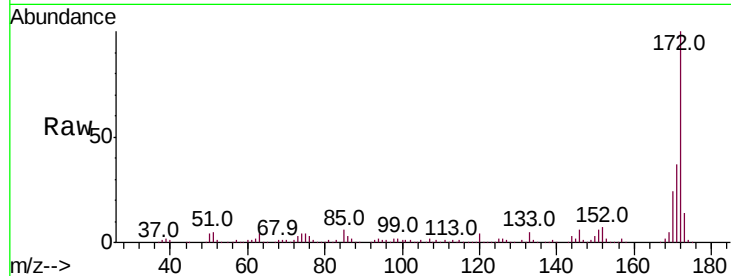




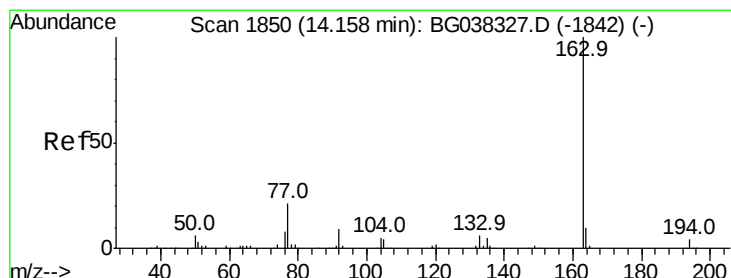
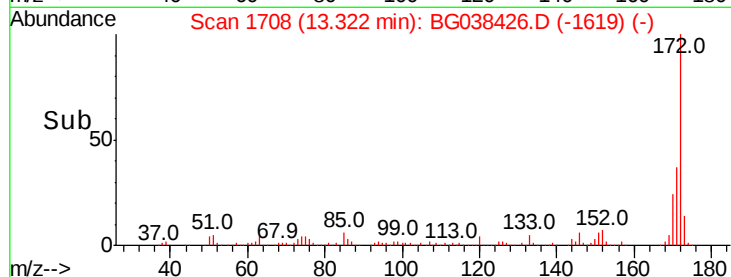
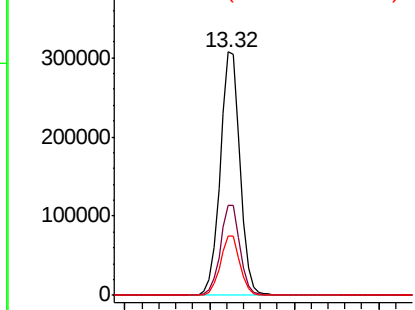
#45
 2-Fluorobiphenyl
 Concen: 90.601 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038426.D
 Acq: 8 Dec 2018 7:16

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tot Ion:172 Resp: 499648
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.0 46.4
 170 24.5 20.2 30.2

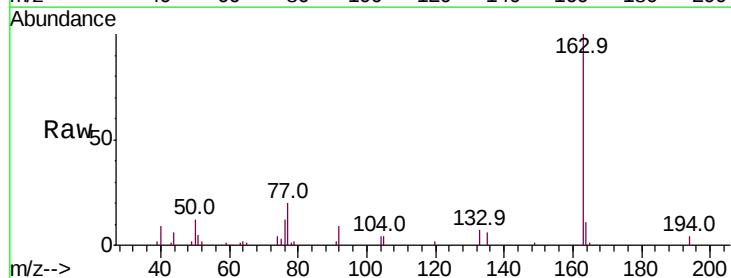


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

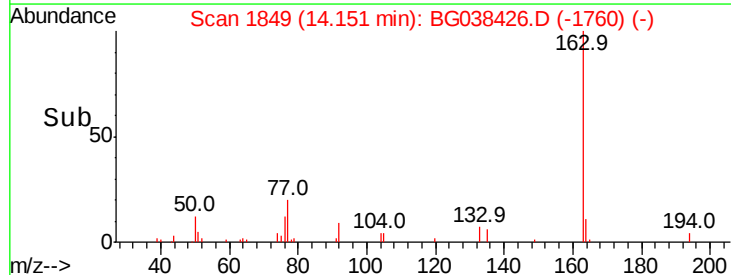
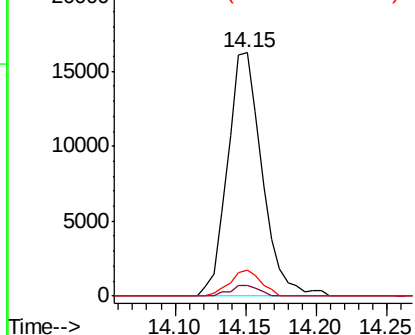


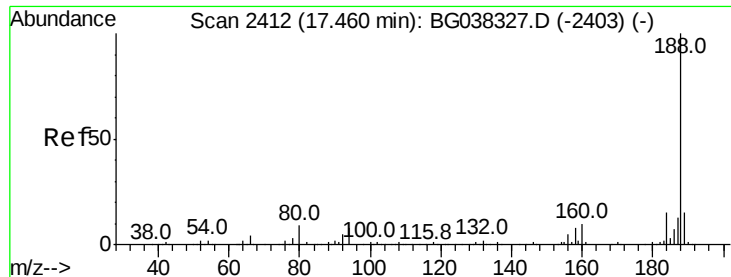
#50
 Dimethylphthalate
 Concen: 4.398 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BG038426.D
 Acq: 8 Dec 2018 7:16

Tgt Ion:163 Resp: 27722
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.5 5.3
 164 10.9 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

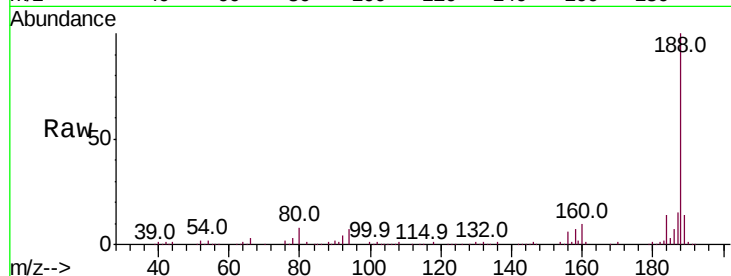




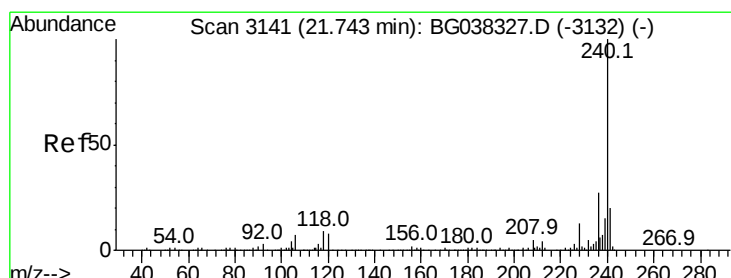
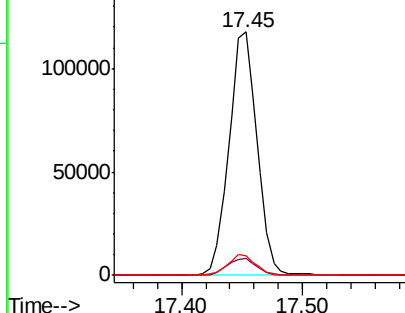
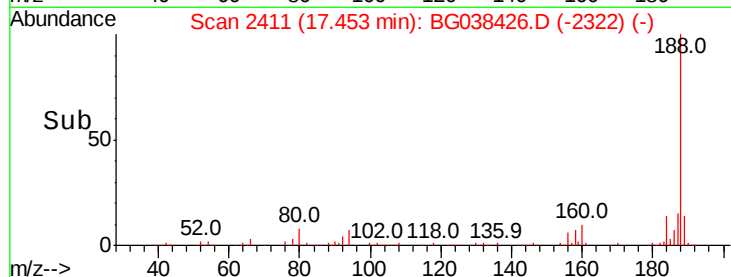
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038426.D
 Acq: 8 Dec 2018 7:16

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tot Ion:188 Resp: 190220
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.2 10.8#
 80 8.2 7.7 11.5

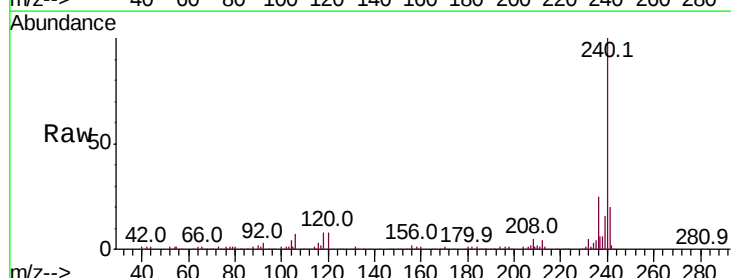


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

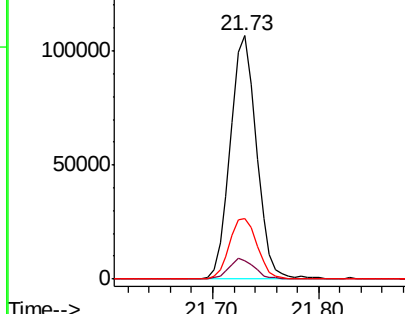
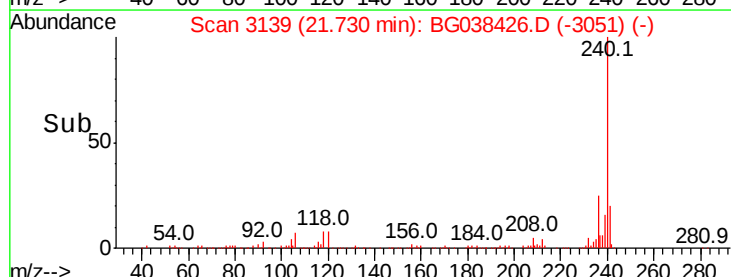


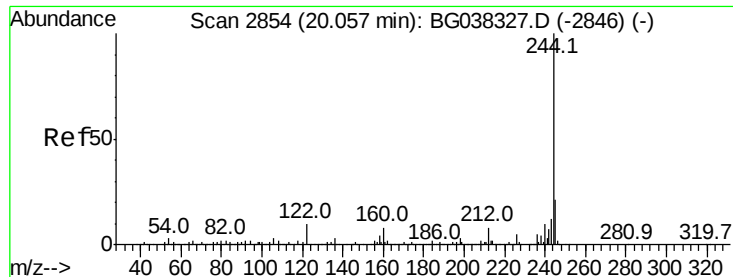
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038426.D
 Acq: 8 Dec 2018 7:16

Tgt Ion:240 Resp: 183418
 Ion Ratio Lower Upper
 240 100
 120 7.7 8.1 12.1#
 236 25.1 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: 91.495 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038426.D

Acq: 8 Dec 2018 7:16

Instrument :

BNA_G

ClientSampleId :

MW-1

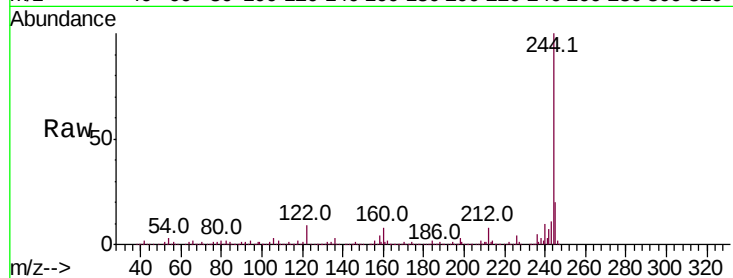
Tot Ion:244 Resp: 783371

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

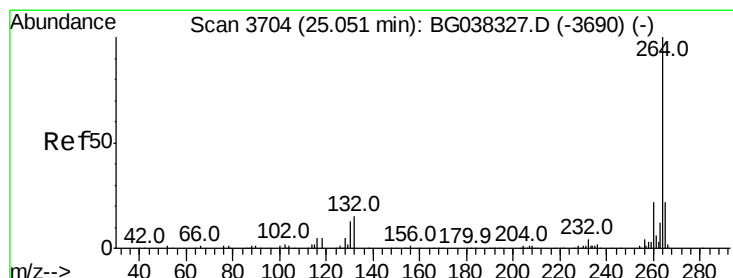
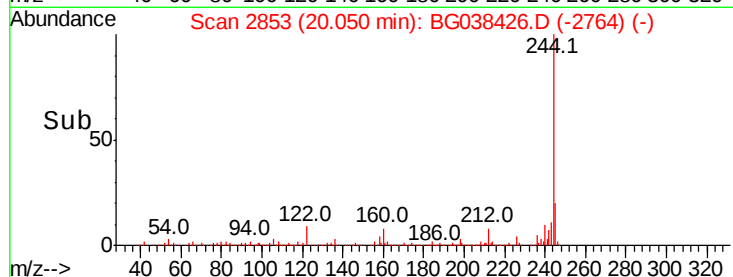
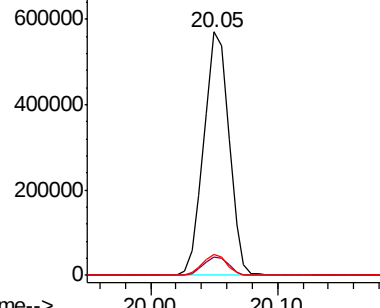
122 8.5 9.0 13.4#



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: 25.03 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038426.D

Acq: 8 Dec 2018 7:16

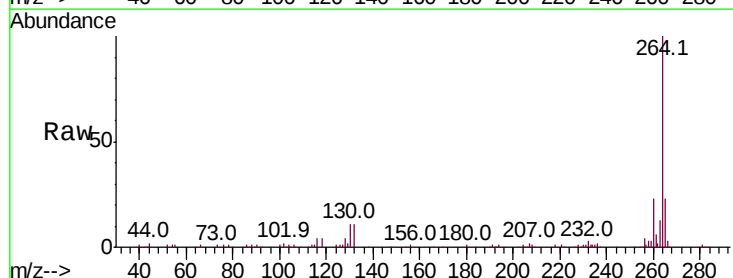
Tgt Ion:264 Resp: 190456

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 23.0 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

