

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042839.D
 Acq On : 14 Sep 2019 7:15
 Operator : HP/JU
 Sample : K4847-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-28-COMP

Quant Time: Sep 16 01:25:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

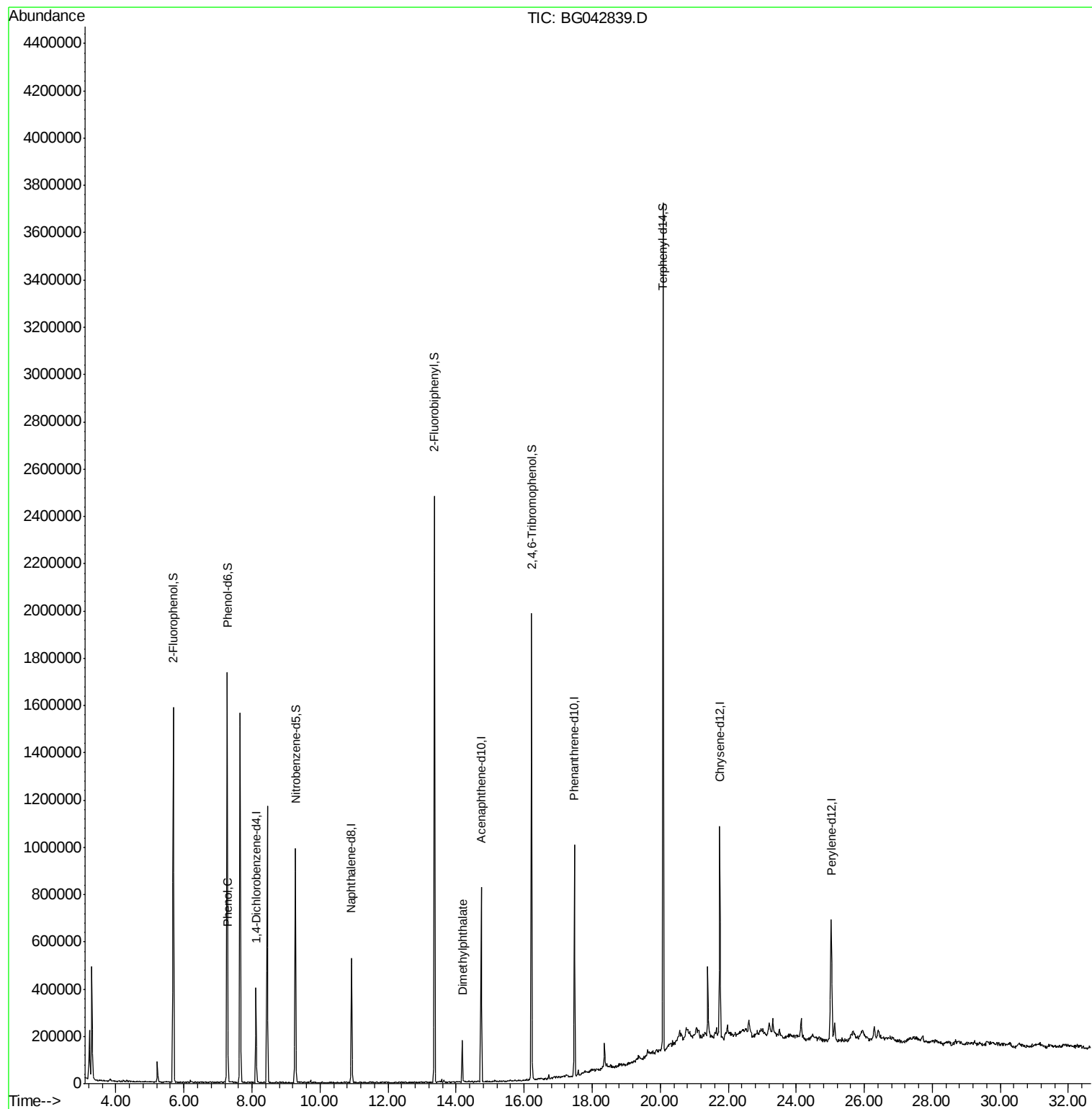
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	114756	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	454367	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	298132	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	607104	20.00	ng	0.00
76) Chrysene-d12	21.75	240	522676	20.00	ng	0.00
87) Perylene-d12	25.03	264	589220	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	636424	96.42	ng	0.00
7) Phenol-d6	7.27	99	954803	100.78	ng	0.00
23) Nitrobenzene-d5	9.28	82	614010	70.35	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	390728	98.51	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1301698	69.11	ng	0.00
79) Terphenyl-d14	20.09	244	1643547	69.69	ng	0.00
Target Compounds						
10) Phenol	7.30	94	40195	4.137	ng	96
50) Dimethylphthalate	14.18	163	116135	5.200	ng	97

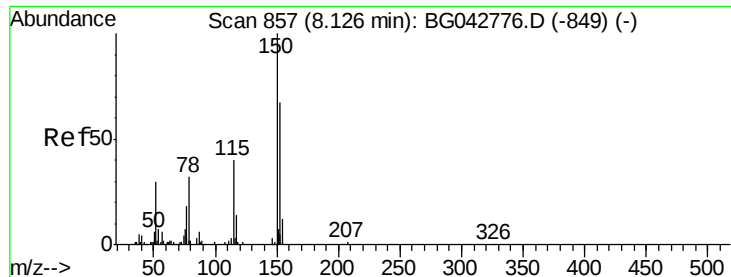
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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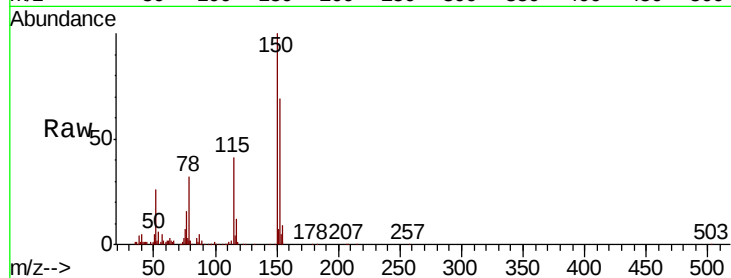


#1

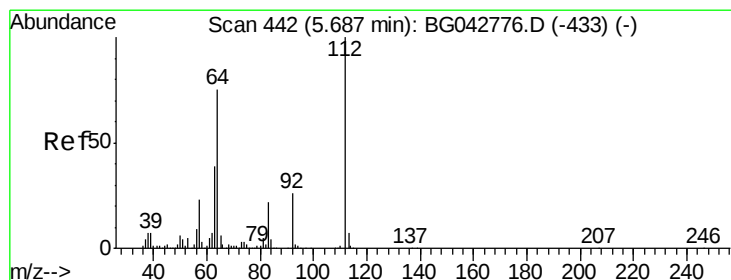
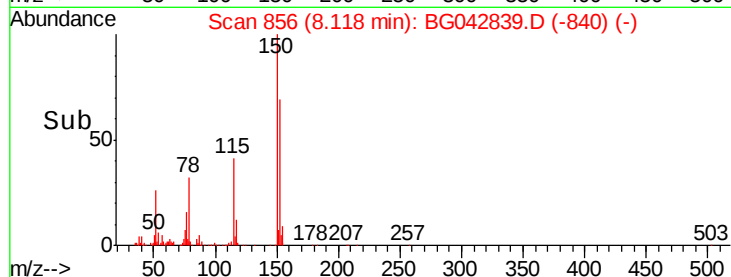
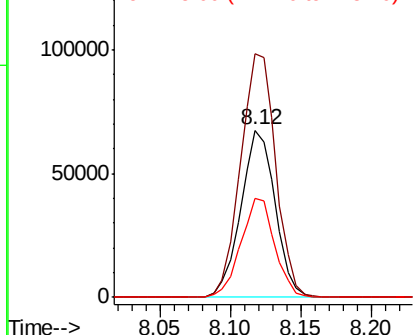
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BG042839.D
 Acq: 14 Sep 2019 7:15

Instrument :
 BNA_G
 ClientSampleId :
 SB-28-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	118.9	178.3
115	59.3	47.4	71.2



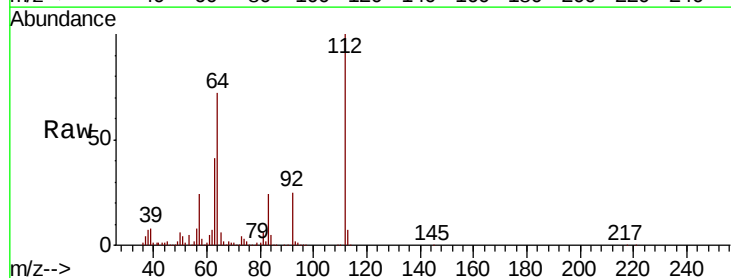
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



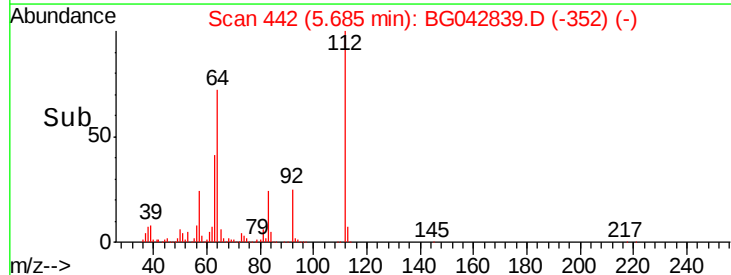
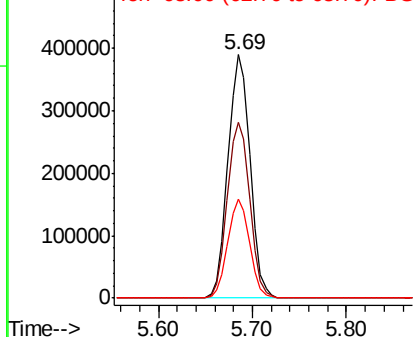
#5

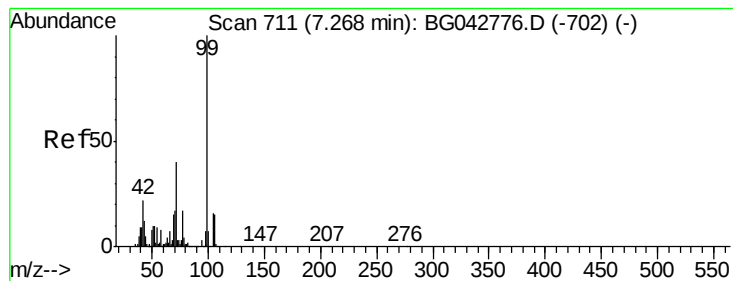
2-Fluorophenol
 Concen: 96.418 ng
 RT: 5.69 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BG042839.D
 Acq: 14 Sep 2019 7:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	60.2	90.2
63	40.7	31.2	46.8



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: 100.779 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042839.D

Acq: 14 Sep 2019 7:15

Instrument :

BNA_G

ClientSampleId :

SB-28-COMP

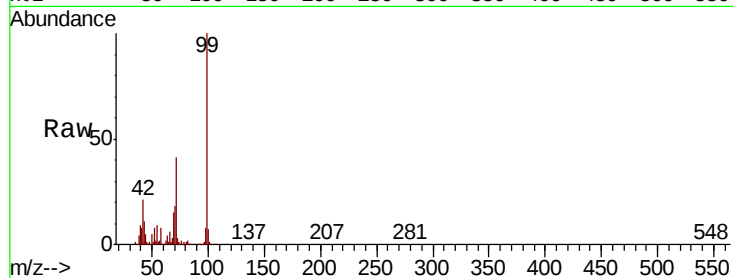
Tot Ion: 99 Resp: 954803

Ion Ratio Lower Upper

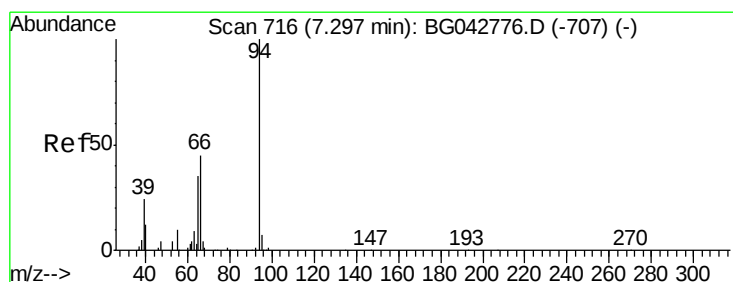
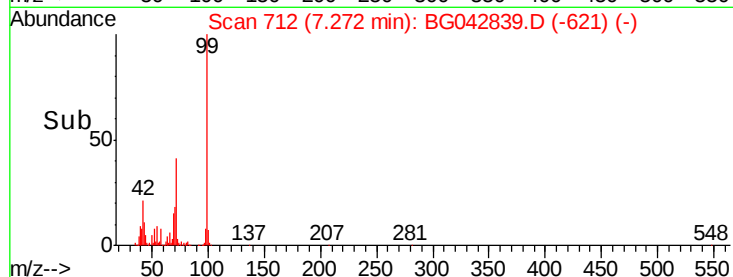
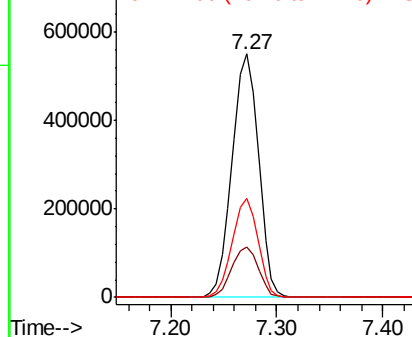
99 100

42 20.8 17.5 26.3

71 40.6 32.0 48.0



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: 4.137 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042839.D

Acq: 14 Sep 2019 7:15

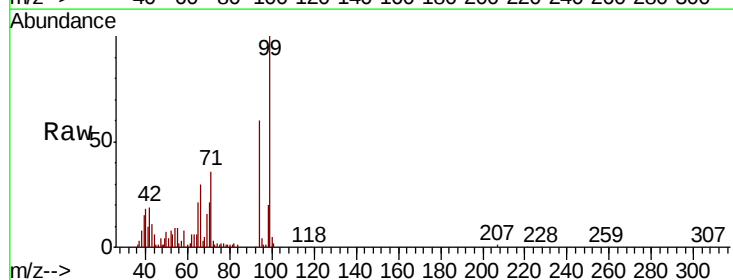
Tgt Ion: 94 Resp: 40195

Ion Ratio Lower Upper

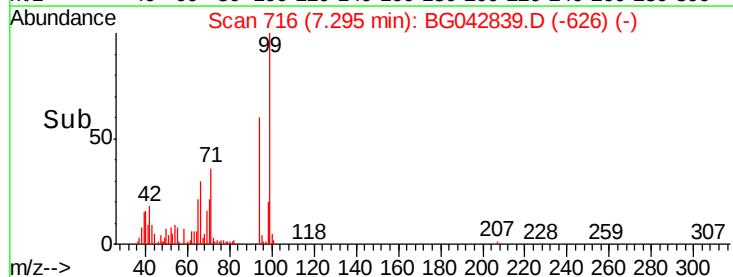
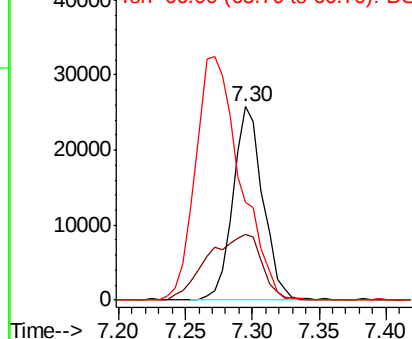
94 100

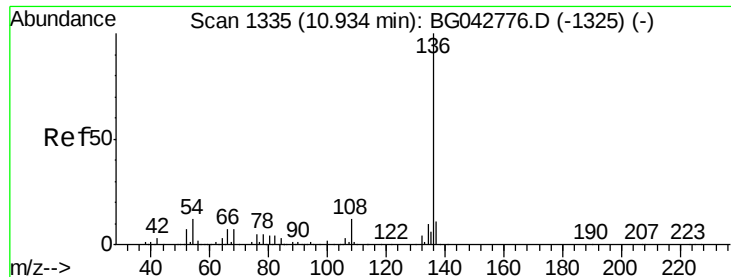
65 34.2 15.0 55.0

66 50.5 26.1 66.1



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

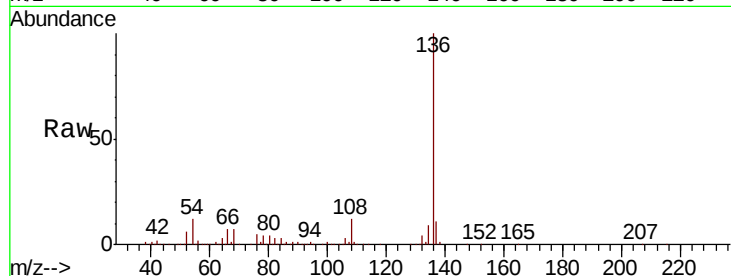




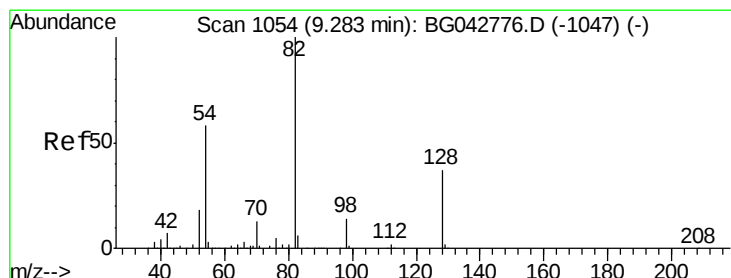
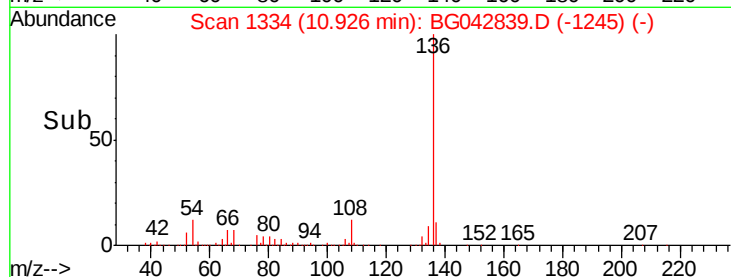
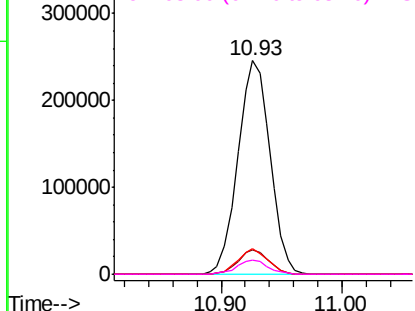
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042839.D
Acq: 14 Sep 2019 7:15

Instrument :
BNA_G
ClientSampleId :
SB-28-COMP

Tot Ion:136	Resp:	454367
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.6
54	12.0	9.4 14.0
68	6.7	5.4 8.2

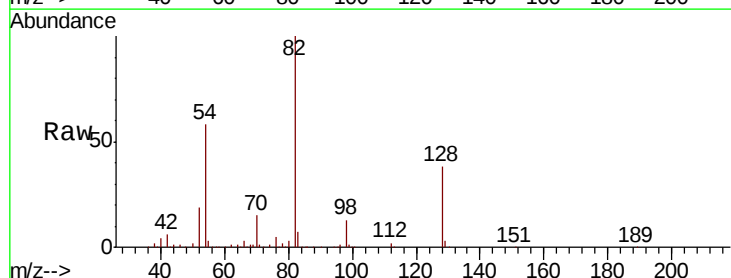


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

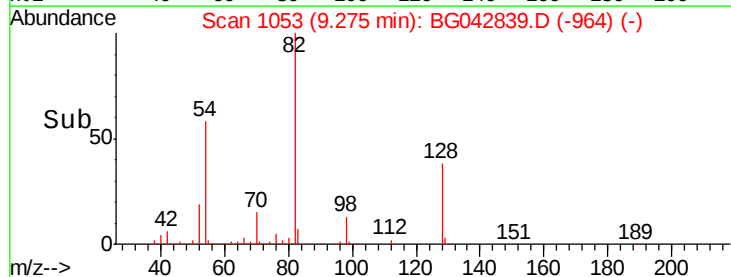
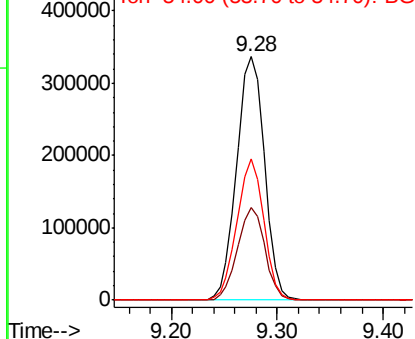


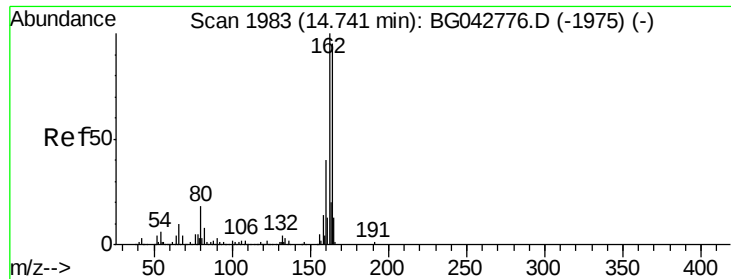
#23
Nitrobenzene-d5
Concen: 70.355 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042839.D
Acq: 14 Sep 2019 7:15

Tgt Ion: 82	Resp:	614010
Ion	Ratio	Lower Upper
82	100	
128	38.2	29.8 44.8
54	58.0	46.1 69.1



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: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042839.D

Acq: 14 Sep 2019 7:15

Instrument :

BNA_G

ClientSampleId :

SB-28-COMP

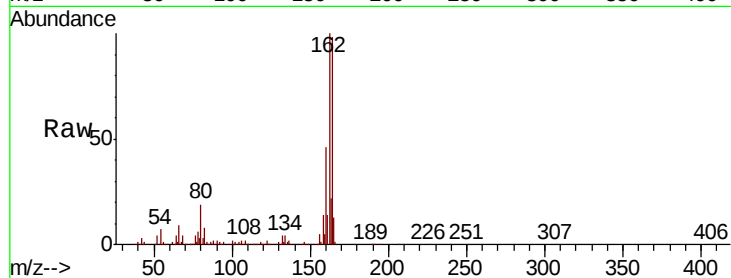
Tot Ion:164 Resp: 298132

Ion Ratio Lower Upper

164 100

162 101.7 84.6 126.8

160 46.6 34.2 51.2

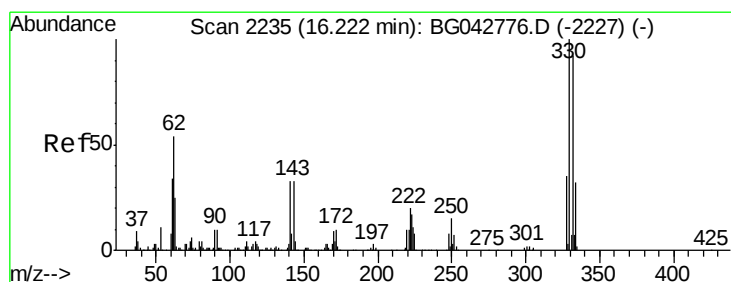
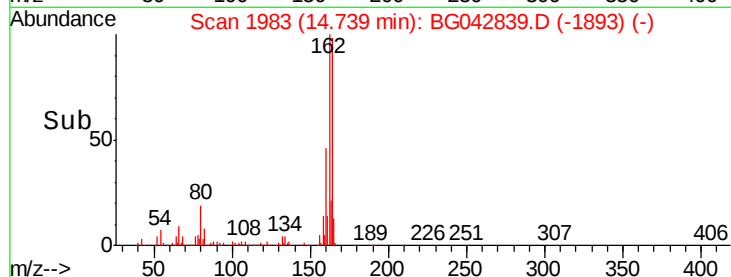
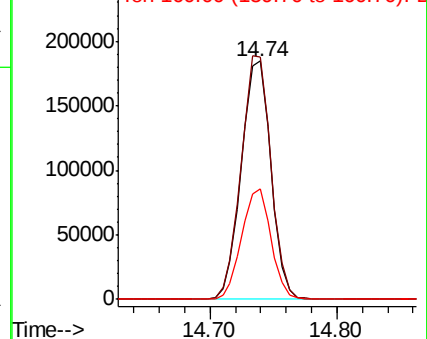


Abundance

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: 98.509 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042839.D

Acq: 14 Sep 2019 7:15

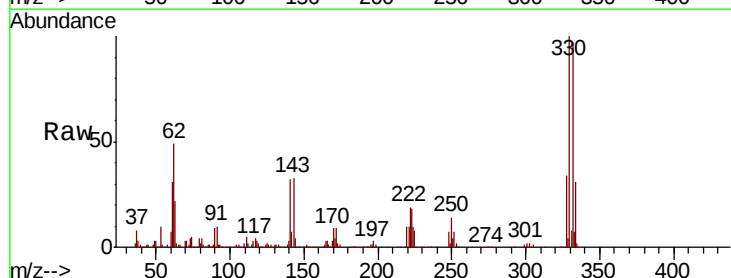
Tgt Ion:330 Resp: 390728

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 34.1 27.0 40.6

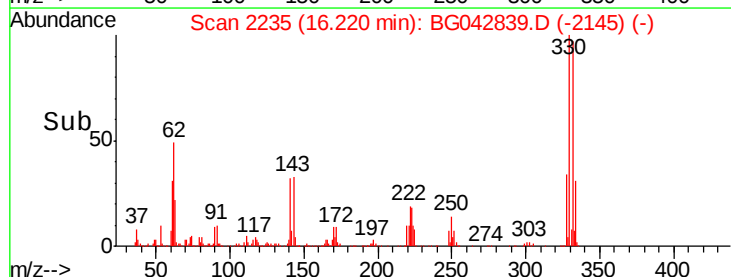
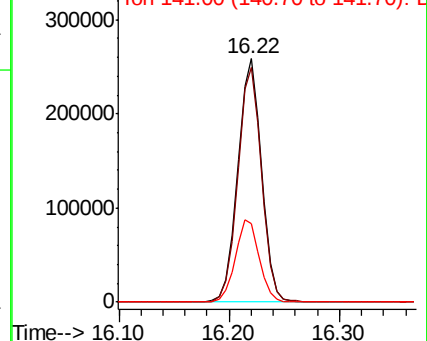


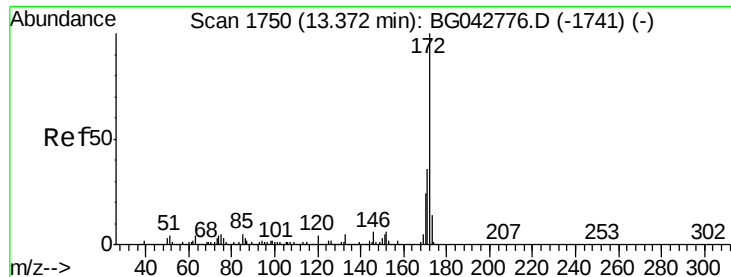
Abundance

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



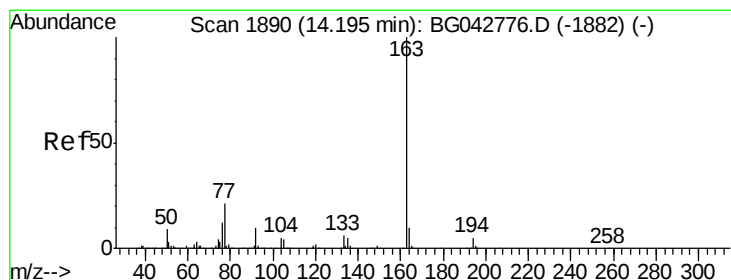
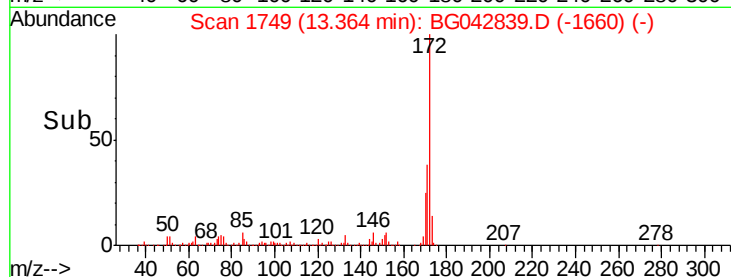
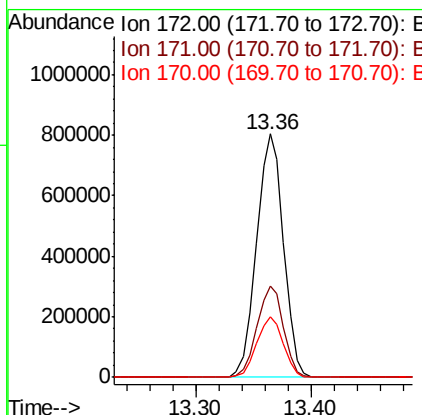
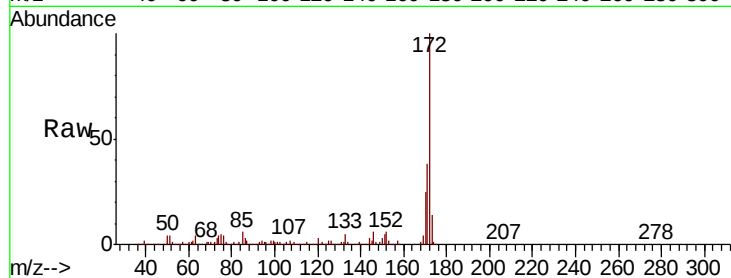


#45
 2-Fluorobiphenyl
 Concen: 69.114 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042839.D
 Acq: 14 Sep 2019 7:15

Instrument :
 BNA_G
 ClientSampleId :
 SB-28-COMP

Tot Ion:172 Resp: 1301698

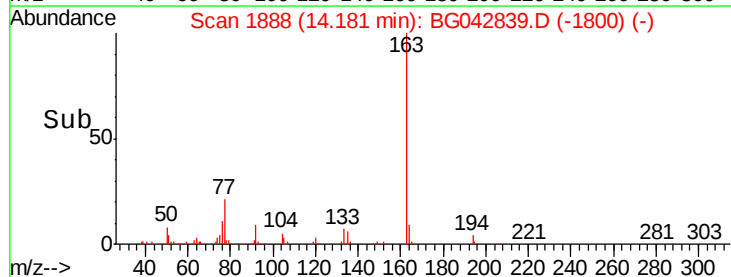
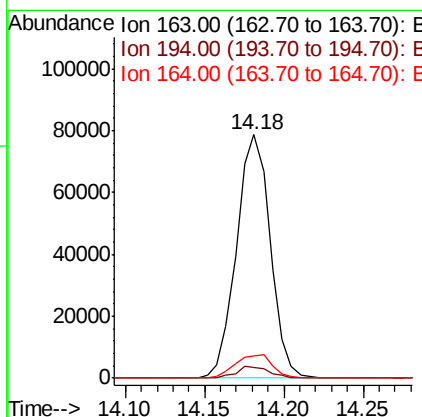
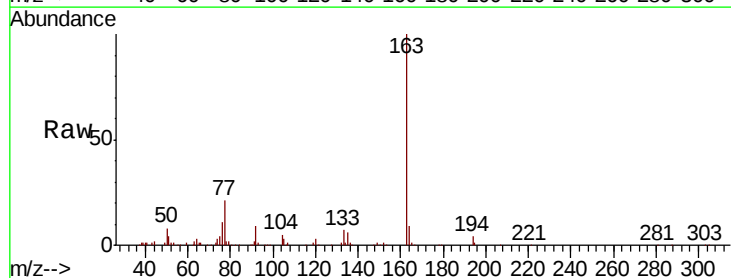
Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.9	43.3
170	25.1	19.1	28.7

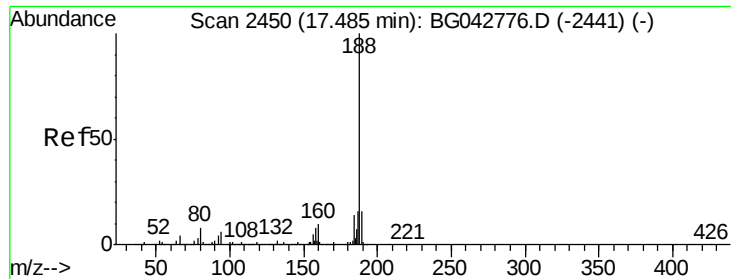


#50
 Dimethylphthalate
 Concen: 5.200 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG042839.D
 Acq: 14 Sep 2019 7:15

Tgt Ion:163 Resp: 116135

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.2	6.4
164	9.4	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042839.D

Acq: 14 Sep 2019 7:15

Instrument :

BNA_G

ClientSampleId :

SB-28-COMP

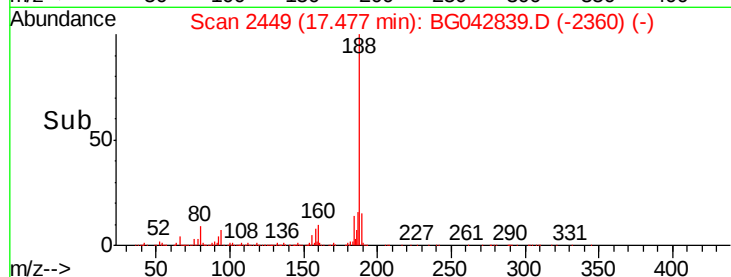
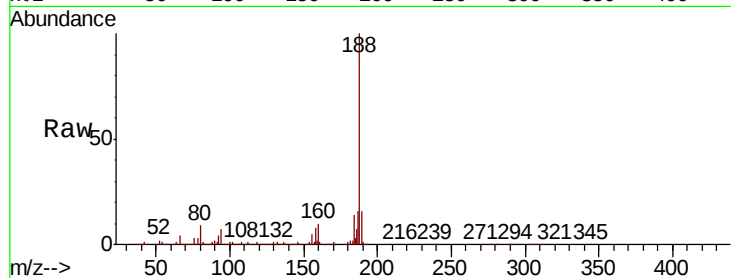
Tot Ion:188 Resp: 607104

Ion Ratio Lower Upper

188 100

94 6.9 4.8 7.2

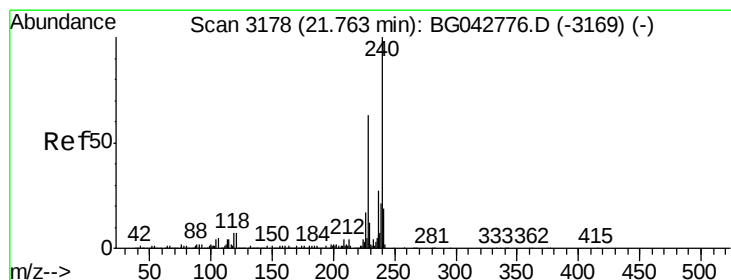
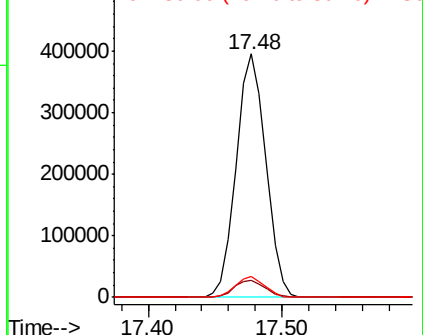
80 8.7 6.6 9.8



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: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042839.D

Acq: 14 Sep 2019 7:15

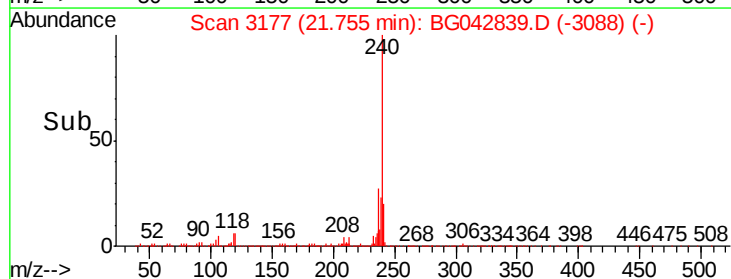
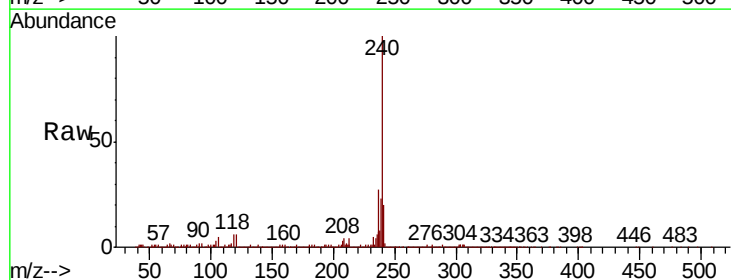
Tgt Ion:240 Resp: 522676

Ion Ratio Lower Upper

240 100

120 6.4 5.4 8.2

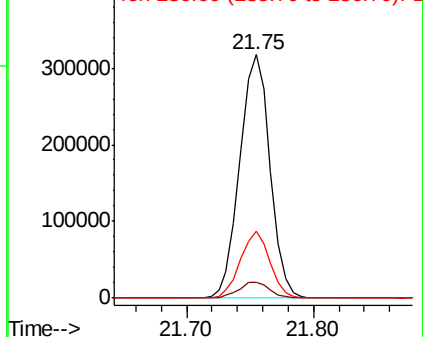
236 27.3 21.7 32.5

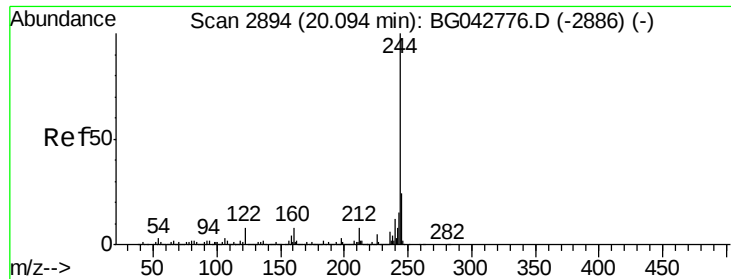


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 69.691 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042839.D

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SB-28-COMP

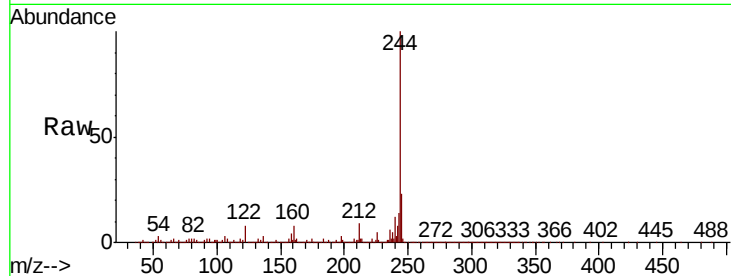
Tot Ion:244 Resp: 1643547

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

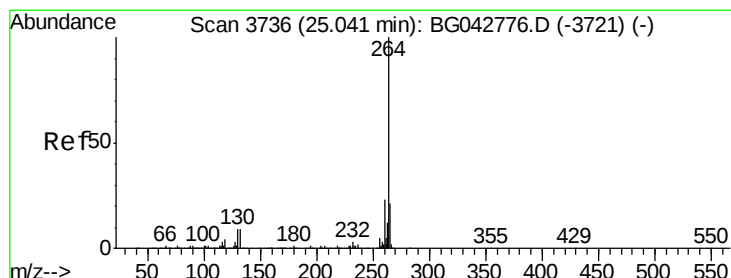
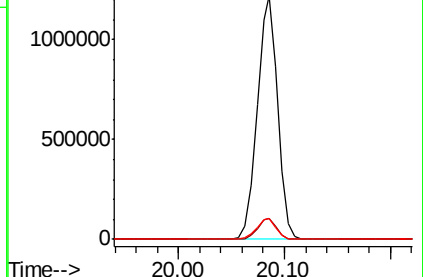
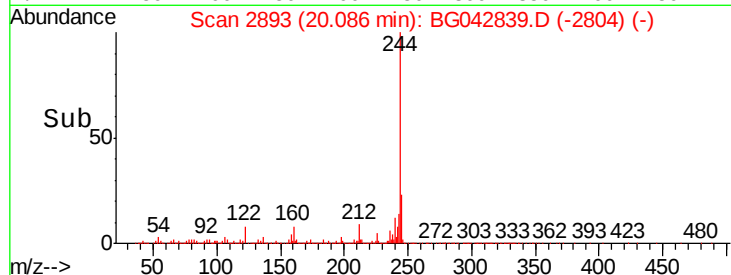
122 8.5 6.2 9.4



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# 3734

Delta R.T. -0.01 min

Lab File: BG042839.D

Acq: 14 Sep 2019 7:15

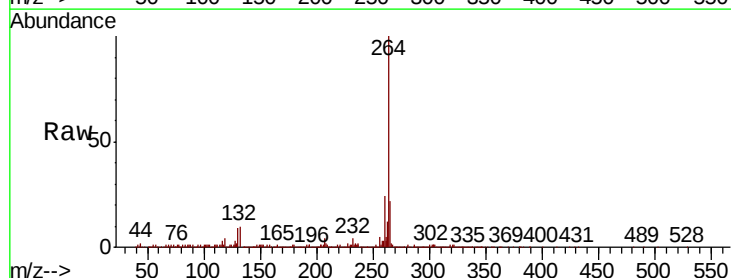
Tgt Ion:264 Resp: 589220

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 22.1 16.9 25.3



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

