

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042829.D
 Acq On : 13 Sep 2019 23:00
 Operator : HP/JU
 Sample : K4857-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Quant Time: Sep 14 00:04:26 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

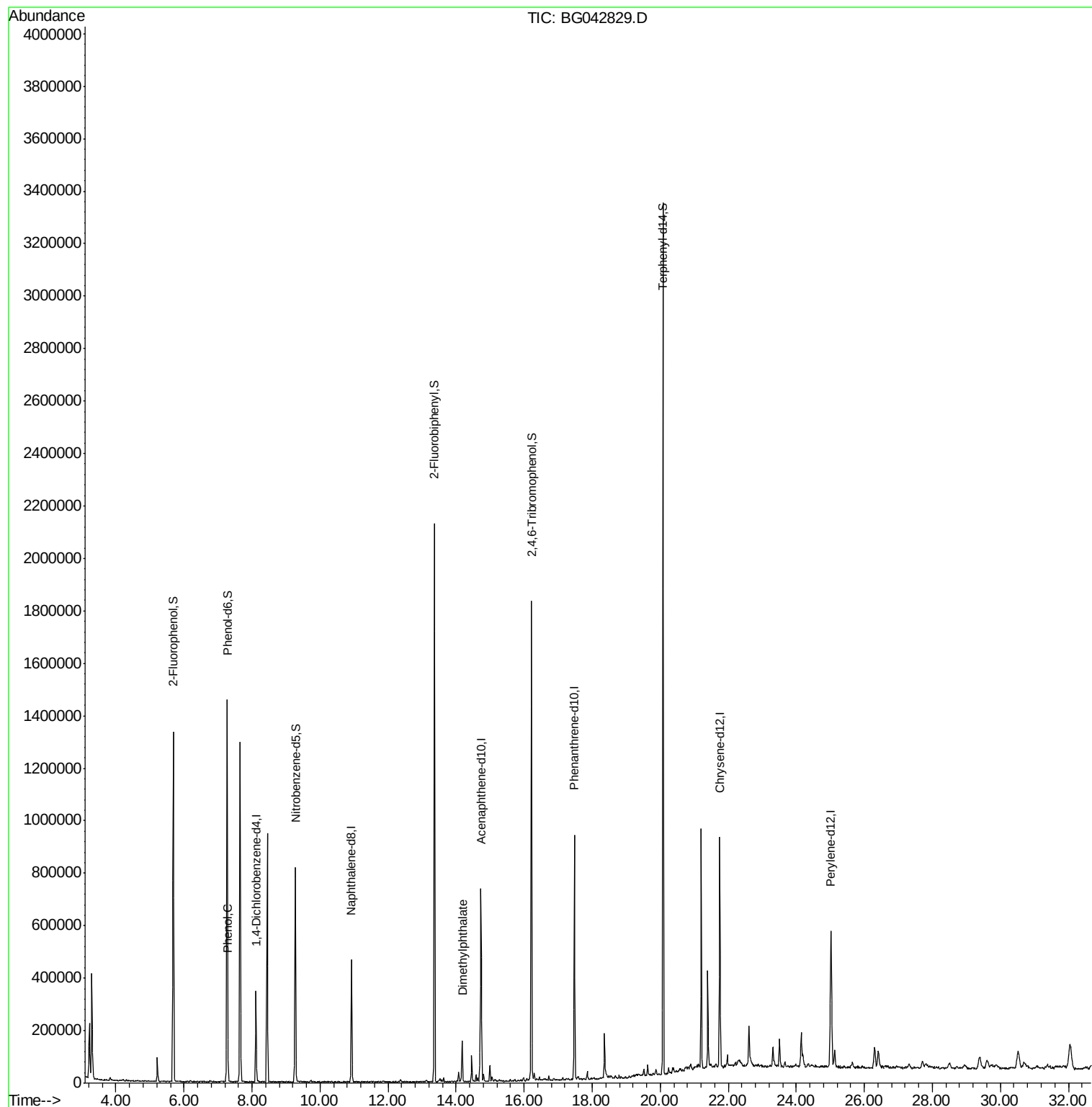
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	97157	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	386127	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	253600	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	572485	20.00	ng	0.00
76) Chrysene-d12	21.75	240	533448	20.00	ng	0.00
87) Perylene-d12	25.03	264	589340	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	540104	96.65	ng	0.00
7) Phenol-d6	7.27	99	820333	102.27	ng	0.00
23) Nitrobenzene-d5	9.27	82	514250	69.34	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	336241	99.66	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1096138	68.42	ng	0.00
79) Terphenyl-d14	20.08	244	1573203	65.36	ng	-0.02
Target Compounds						
10) Phenol	7.29	94	35582	4.326	ng	91
50) Dimethylphthalate	14.18	163	98769	5.199	ng	99

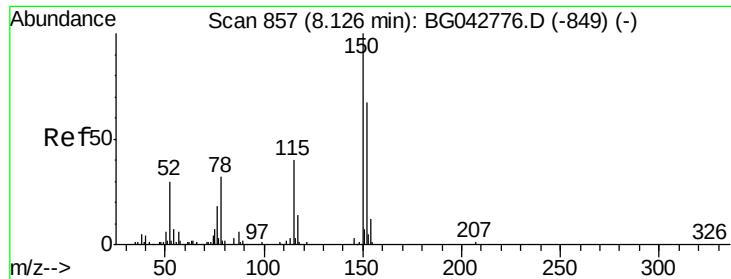
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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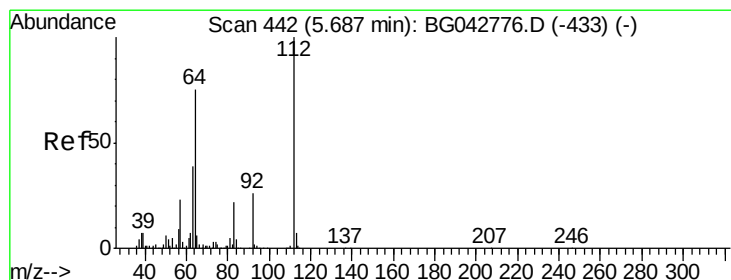
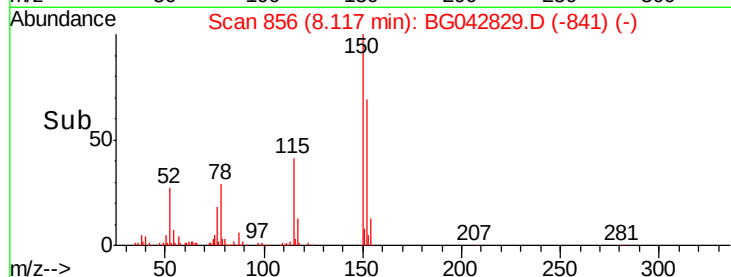
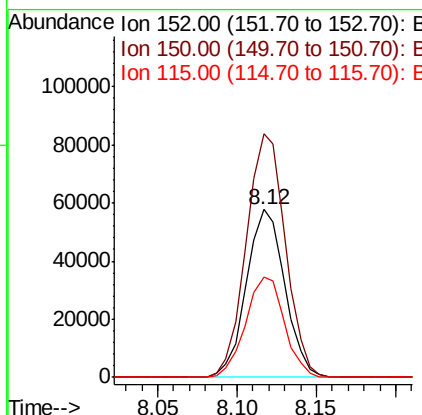
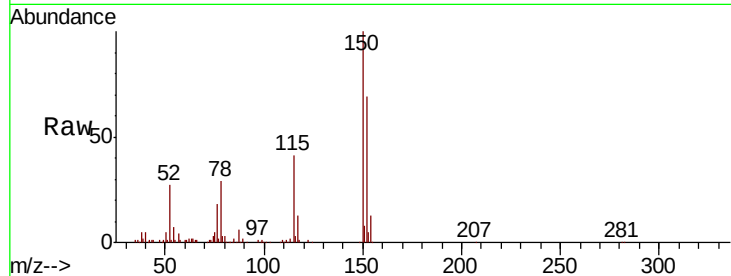


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042829.D
Acq: 13 Sep 2019 23:00

Instrument :
BNA_G
ClientSampleId :
SP-1

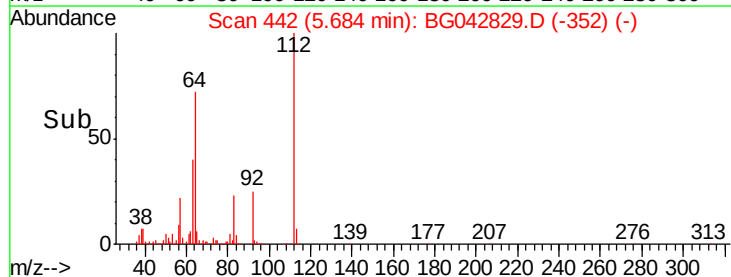
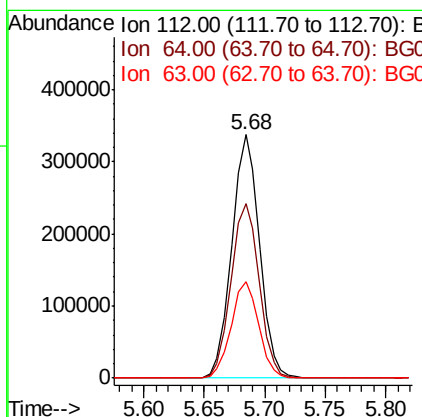
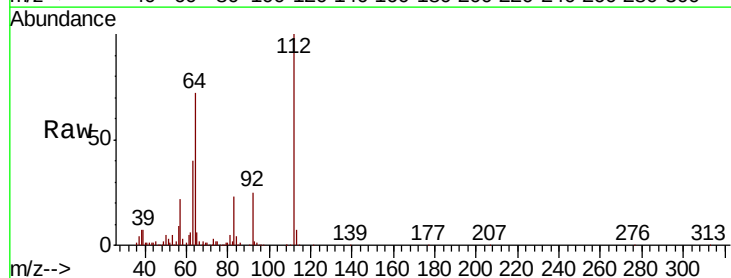
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	118.9	178.3
115	60.0	47.4	71.2

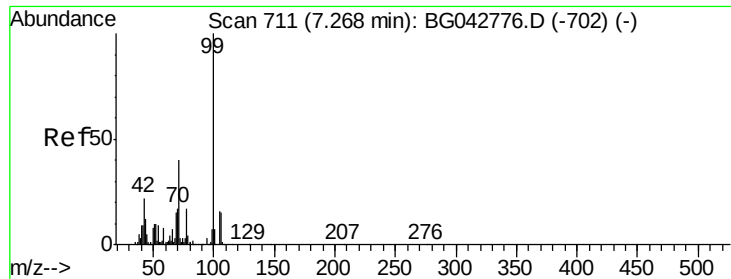


#5

2-Fluorophenol
Concen: 96.647 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042829.D
Acq: 13 Sep 2019 23:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	60.2	90.2
63	39.7	31.2	46.8





#7

Phenol-d6

Concen: 102.270 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042829.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_G

ClientSampleId :

SP-1

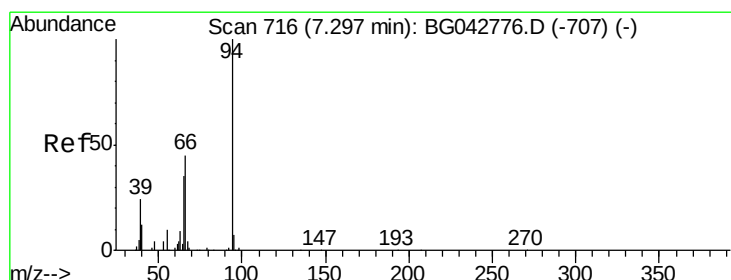
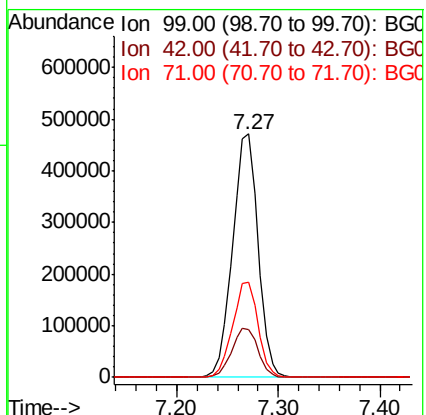
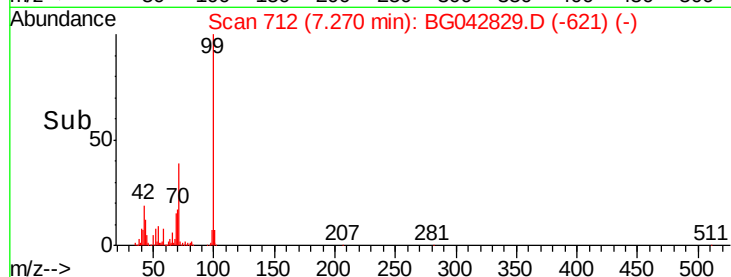
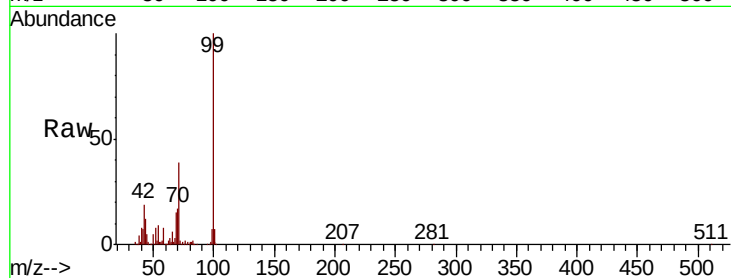
Tot Ion: 99 Resp: 820333

Ion Ratio Lower Upper

99 100

42 19.4 17.5 26.3

71 39.1 32.0 48.0



#10

Phenol

Concen: 4.326 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042829.D

Acq: 13 Sep 2019 23:00

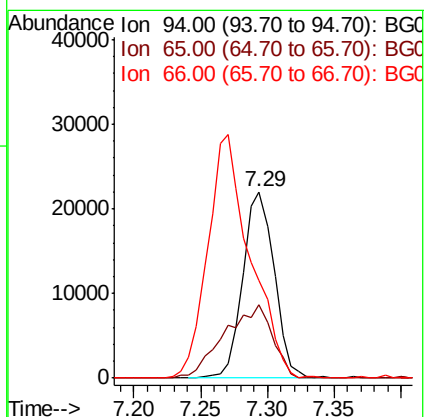
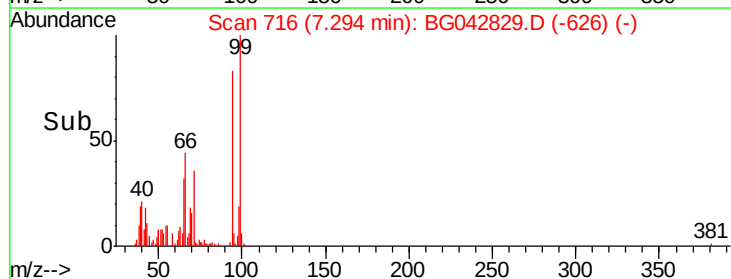
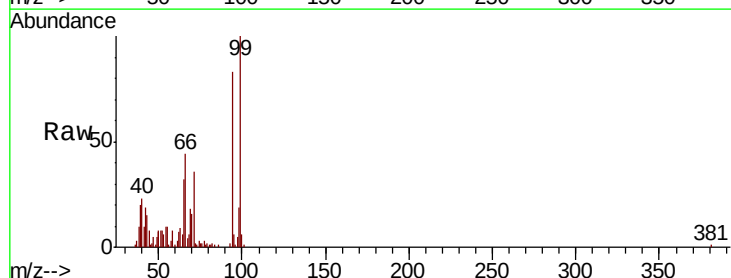
Tgt Ion: 94 Resp: 35582

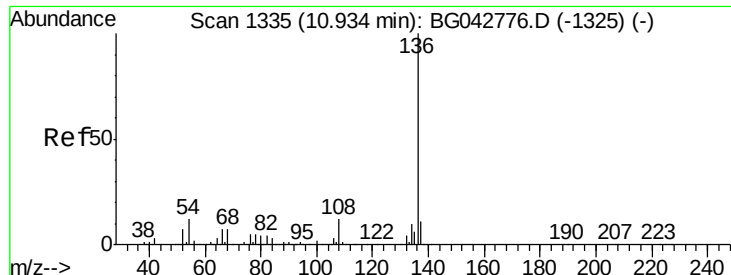
Ion Ratio Lower Upper

94 100

65 39.3 15.0 55.0

66 52.8 26.1 66.1

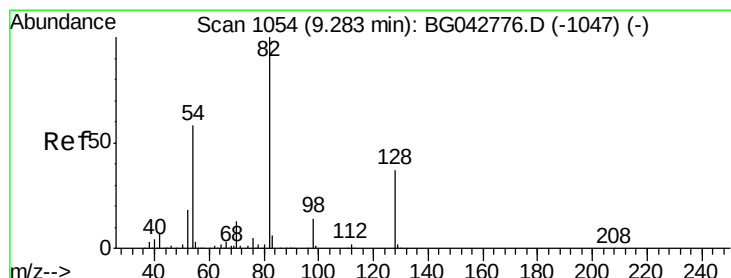
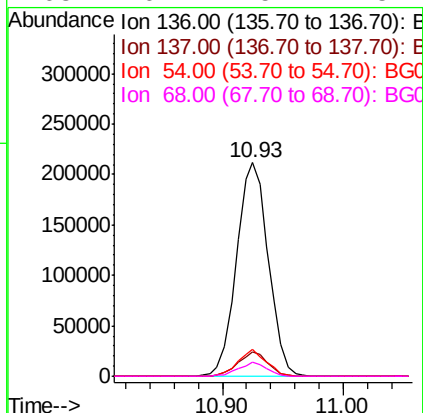
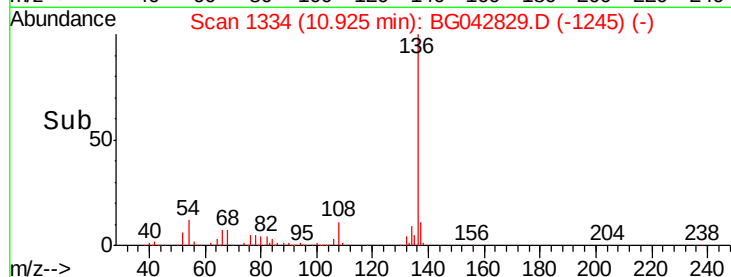
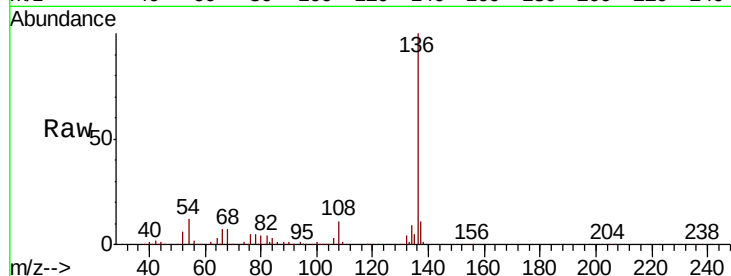




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042829.D
Acq: 13 Sep 2019 23:00

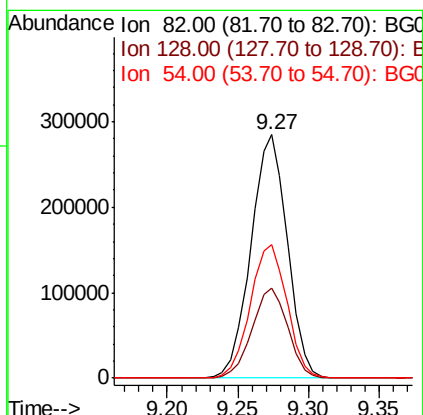
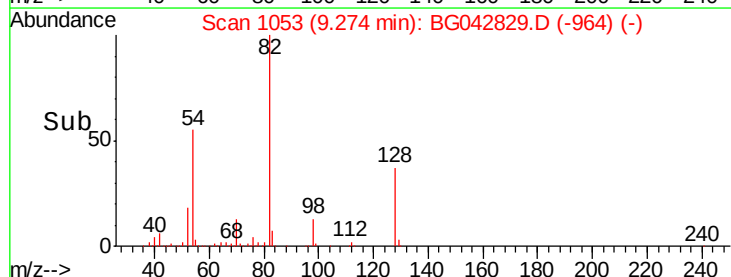
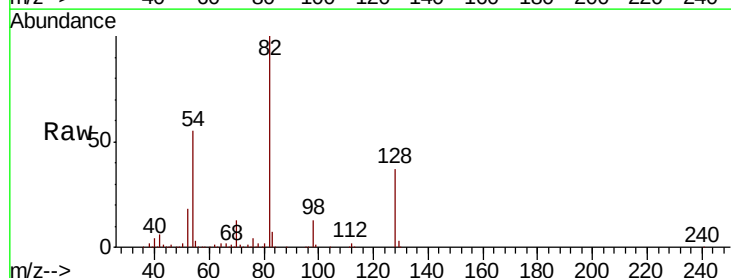
Instrument :
BNA_G
ClientSampleId :
SP-1

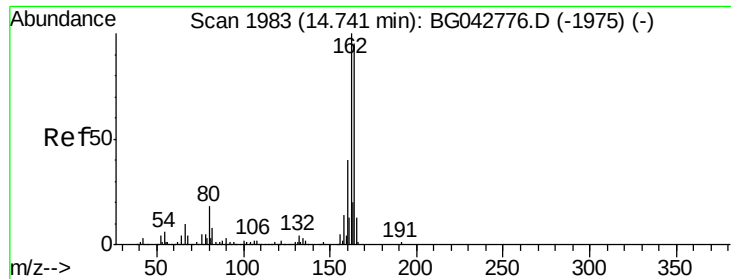
Tot Ion:136	Resp:	386127	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.6	
54 12.4	9.4	14.0	
68 6.7	5.4	8.2	



#23
Nitrobenzene-d5
Concen: 69.338 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042829.D
Acq: 13 Sep 2019 23:00

Tgt Ion: 82	Resp: 514250
Ion Ratio	Lower Upper
82 100	
128 37.0	29.8 44.8
54 54.9	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042829.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_G

ClientSampleId :

SP-1

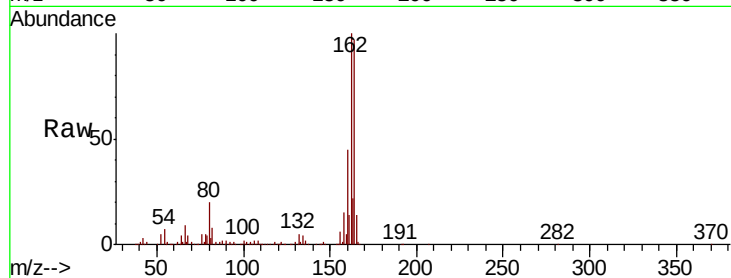
Tot Ion:164 Resp: 253600

Ion Ratio Lower Upper

164 100

162 103.2 84.6 126.8

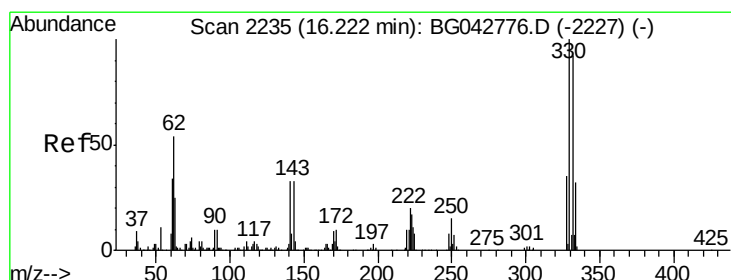
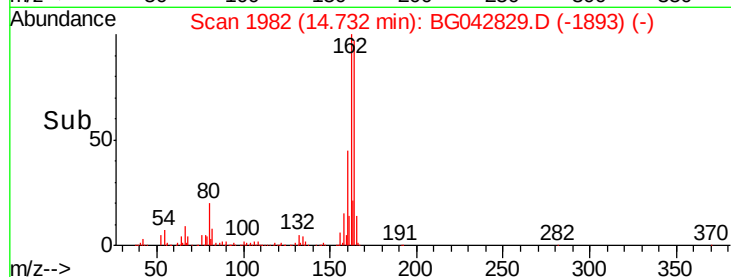
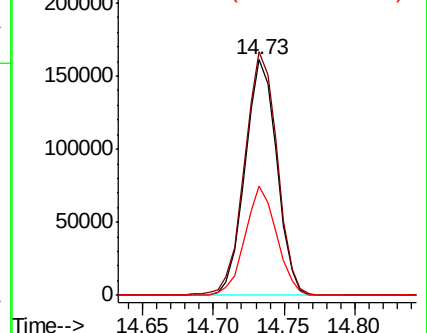
160 46.5 34.2 51.2



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: 99.658 ng

RT: 16.21 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042829.D

Acq: 13 Sep 2019 23:00

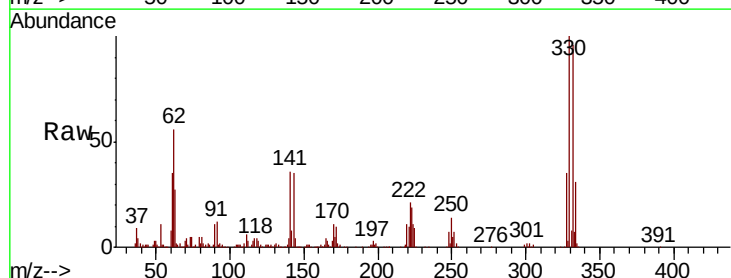
Tgt Ion:330 Resp: 336241

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

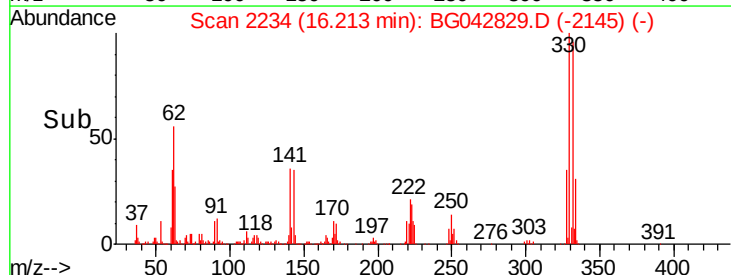
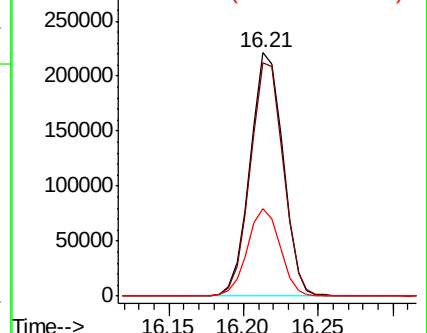
141 35.9 27.0 40.6

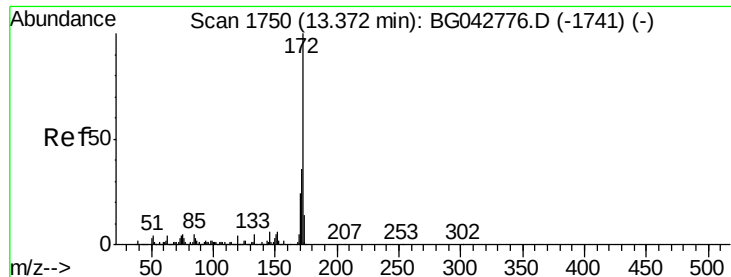


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

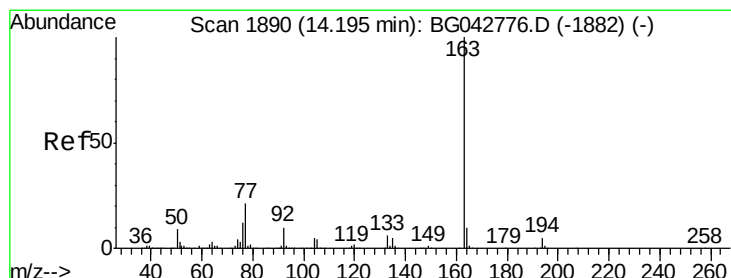
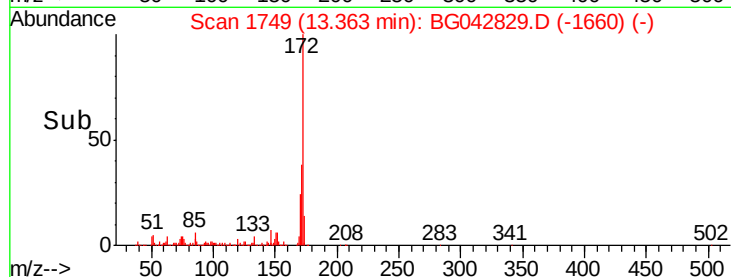
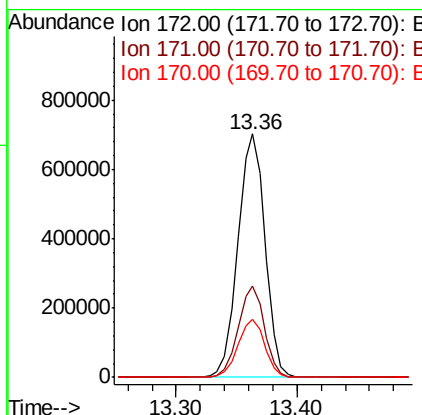
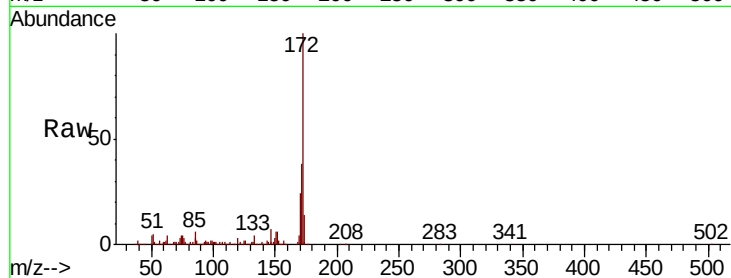




#45
2-Fluorobiphenyl
Concen: 68.419 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042829.D
Acq: 13 Sep 2019 23:00

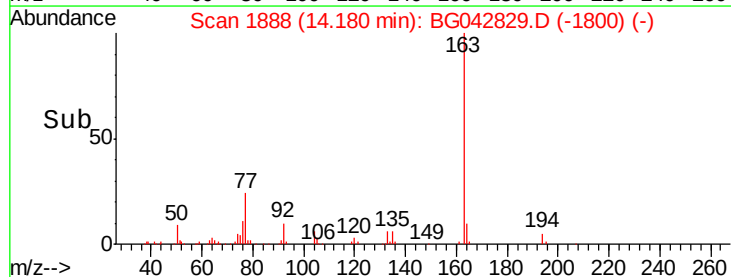
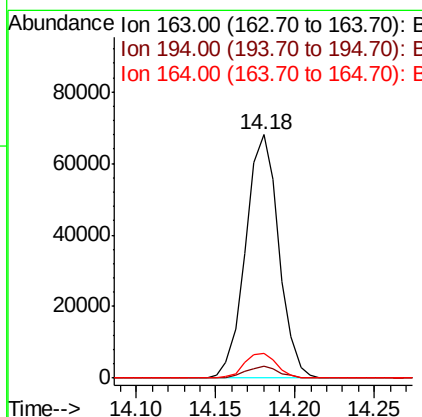
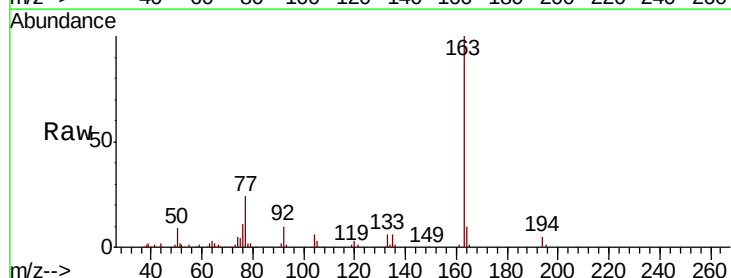
Instrument :
BNA_G
ClientSampleId :
SP-1

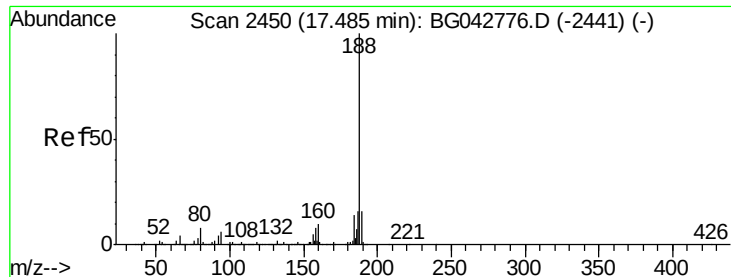
Tot Ion:172 Resp: 1096138
Ion Ratio Lower Upper
172 100
171 37.5 28.9 43.3
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 5.199 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BG042829.D
Acq: 13 Sep 2019 23:00

Tgt Ion:163 Resp: 98769
Ion Ratio Lower Upper
163 100
194 4.7 4.2 6.4
164 10.0 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: BG042829.D

Acq: 13 Sep 2019 23:00

Instrument :

BNA_G

ClientSampleId :

SP-1

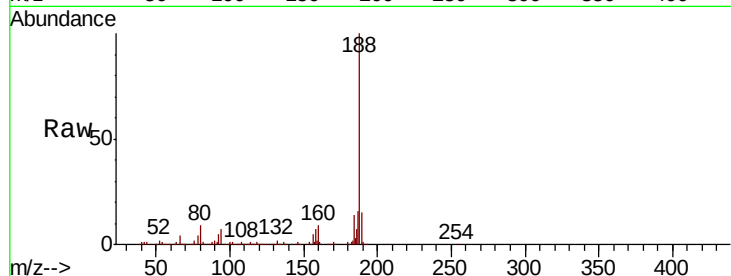
Tot Ion:188 Resp: 572485

Ion Ratio Lower Upper

188 100

94 7.3 4.8 7.2#

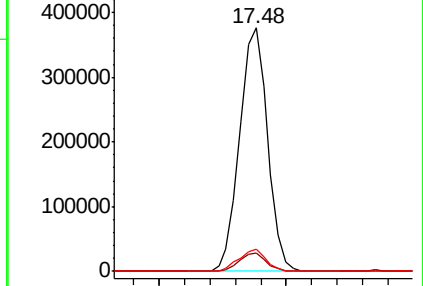
80 9.1 6.6 9.8



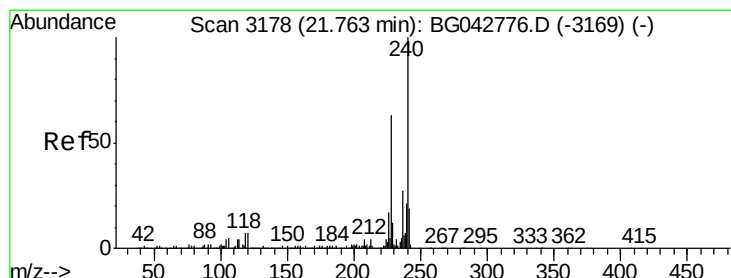
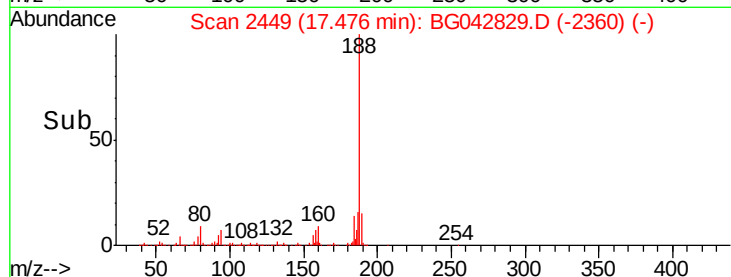
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042829.D

Acq: 13 Sep 2019 23:00

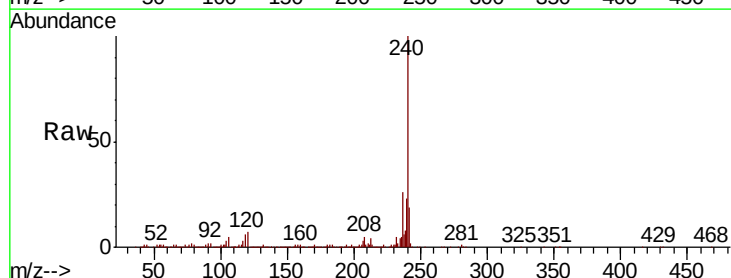
Tgt Ion:240 Resp: 533448

Ion Ratio Lower Upper

240 100

120 6.8 5.4 8.2

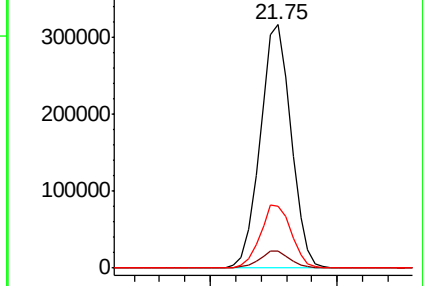
236 25.7 21.7 32.5



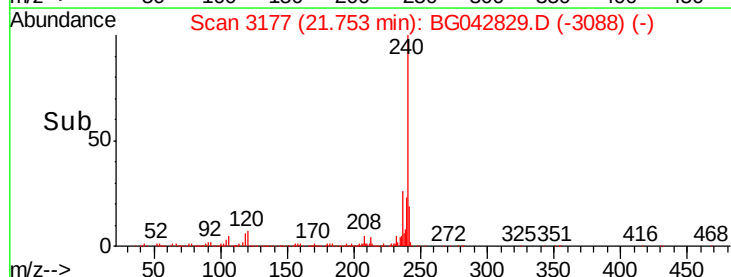
Abundance Ion 240.00 (239.70 to 240.70): E

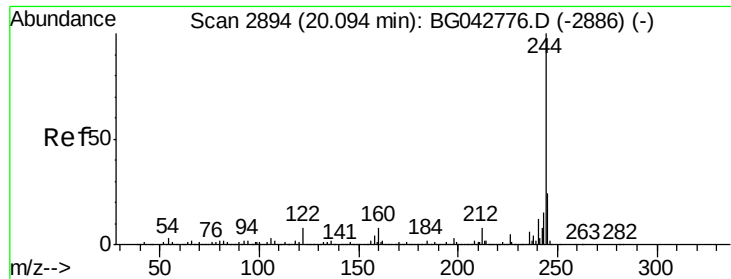
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

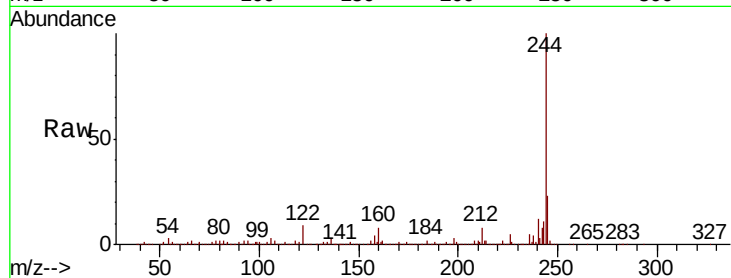




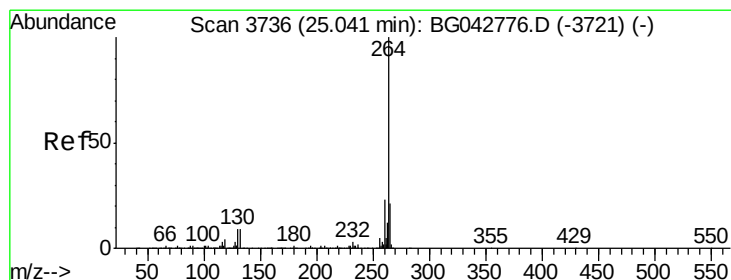
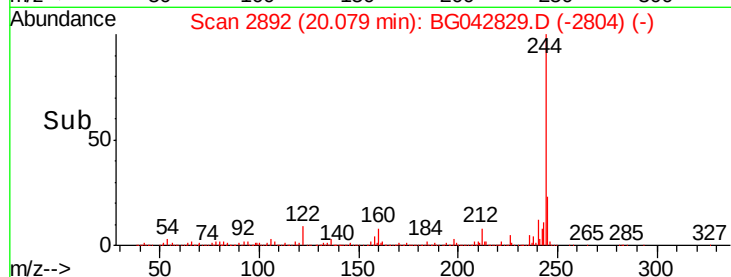
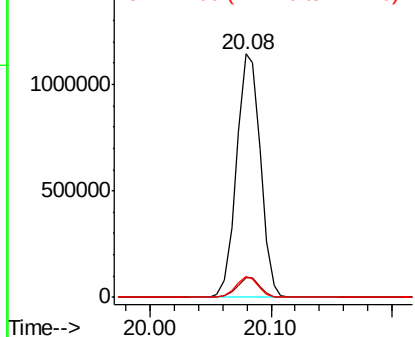
#79
 Terphenyl-d14
 Concen: 65.361 ng
 RT: 20.08 min Scan# 2892
 Delta R.T. -0.02 min
 Lab File: BG042829.D
 Acq: 13 Sep 2019 23:00

Instrument :
 BNA_G
 ClientSampleId :
 SP-1

Tot Ion:244 Resp: 1573203
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 8.5 6.2 9.4

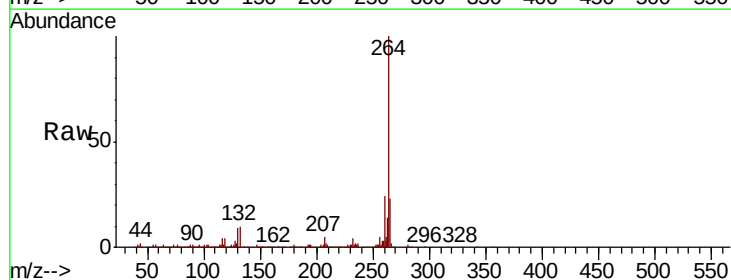


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3734
 Delta R.T. -0.02 min
 Lab File: BG042829.D
 Acq: 13 Sep 2019 23:00

Tgt Ion:264 Resp: 589340
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 22.6 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

