

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042667.D
 Acq On : 1 Sep 2019 18:37
 Operator : HP/JU
 Sample : K4554-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-(0-2)

Quant Time: Sep 02 07:57:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

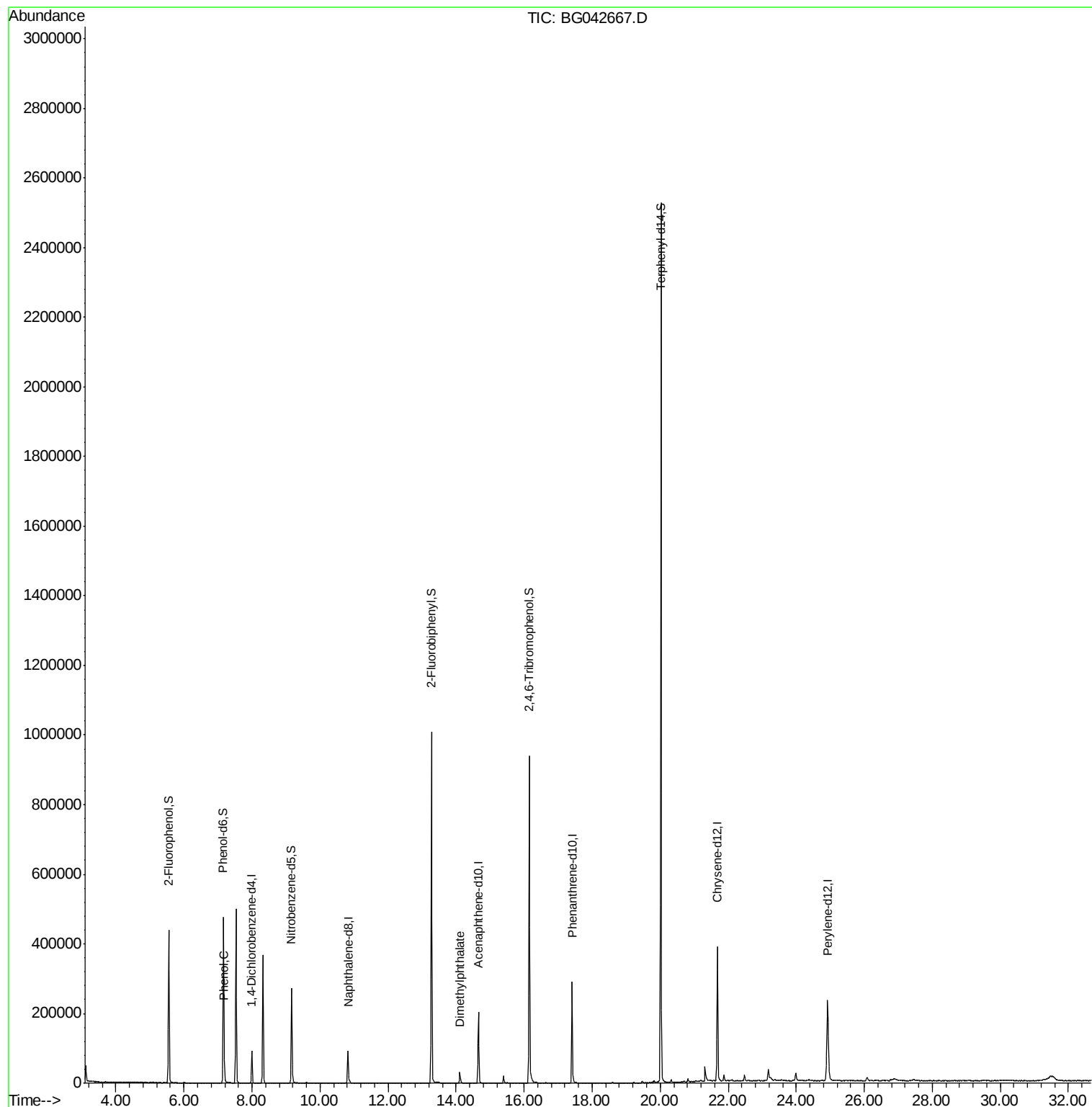
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29329	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	112487	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	88171	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	220560	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	257433	20.00	ng	-0.01
87) Perylene-d12	24.92	264	301500	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	222823	153.87	ng	0.00
7) Phenol-d6	7.16	99	320506	163.85	ng	-0.01
23) Nitrobenzene-d5	9.16	82	179294	110.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	251614	200.78	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	619184	118.77	ng	0.00
79) Terphenyl-d14	20.02	244	1339966	112.53	ng	0.00
Target Compounds						
10) Phenol	7.19	94	18297	9.200	ng	87
50) Dimethylphthalate	14.11	163	38284	6.018	ng	99

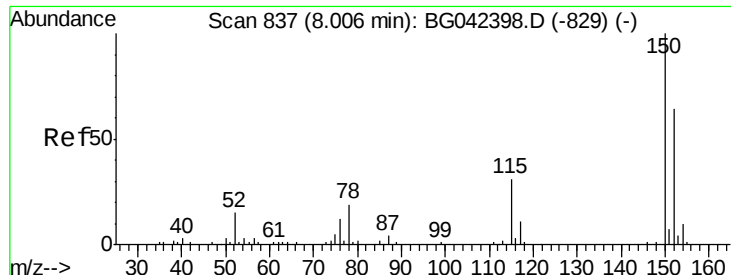
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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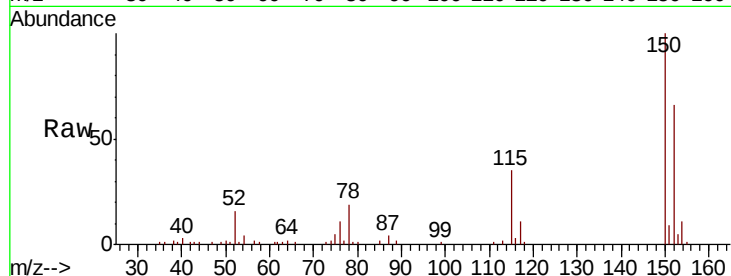


#1

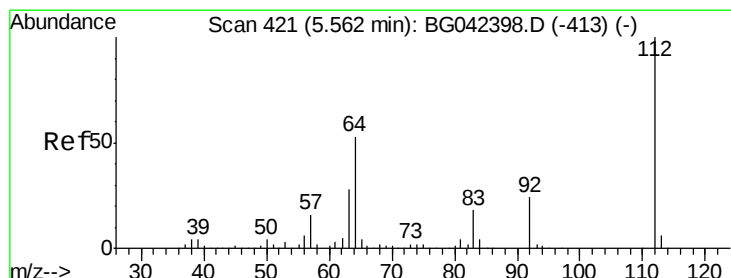
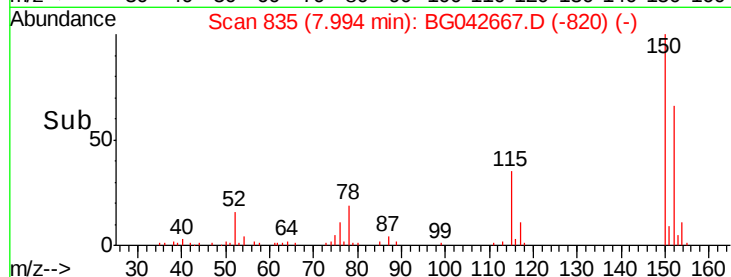
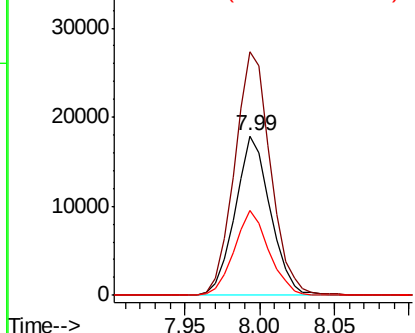
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042667.D
 Acq: 1 Sep 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-(0-2)

Tot Ion:152 Resp: 29329
 Ion Ratio Lower Upper
 152 100
 150 152.6 125.4 188.0
 115 53.6 38.5 57.7



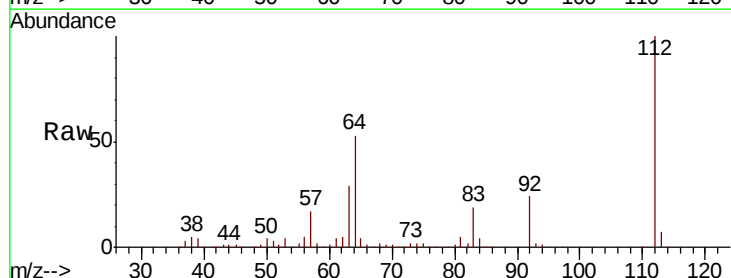
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



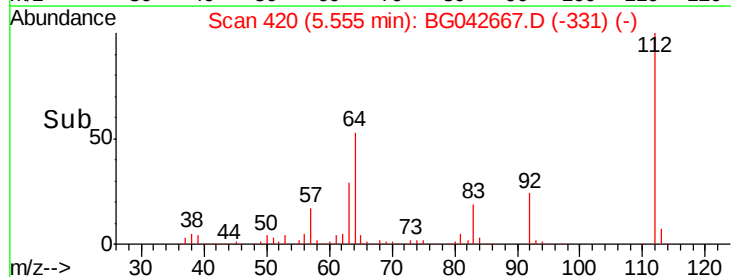
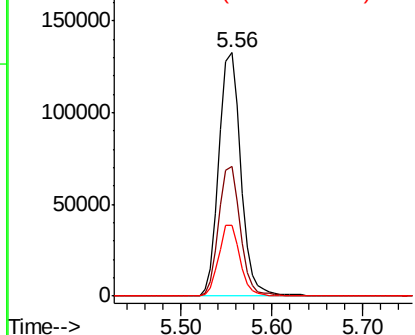
#5

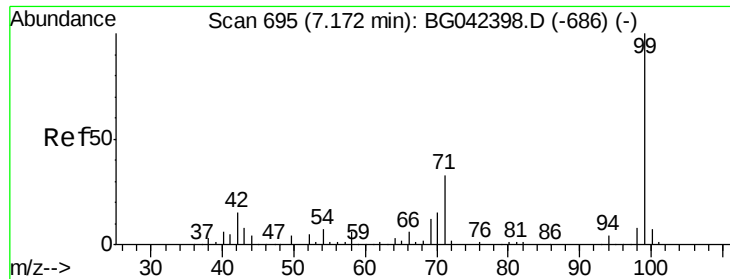
2-Fluorophenol
 Concen: 153.869 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042667.D
 Acq: 1 Sep 2019 18:37

Tgt Ion:112 Resp: 222823
 Ion Ratio Lower Upper
 112 100
 64 53.3 42.8 64.2
 63 29.1 22.7 34.1



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: 163.849 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042667.D

Acq: 1 Sep 2019 18:37

Instrument :

BNA_G

ClientSampleId :

SB-14-(0-2)

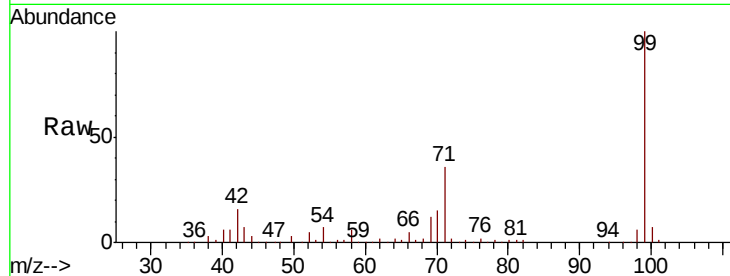
Tot Ion: 99 Resp: 320506

Ion Ratio Lower Upper

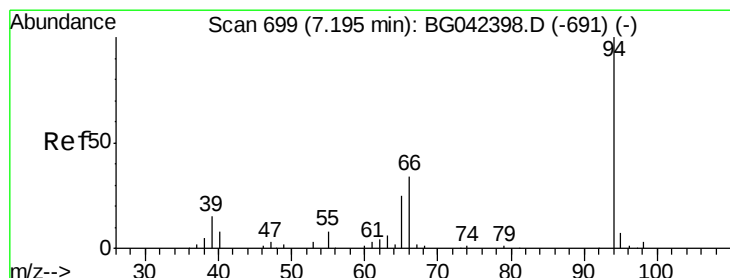
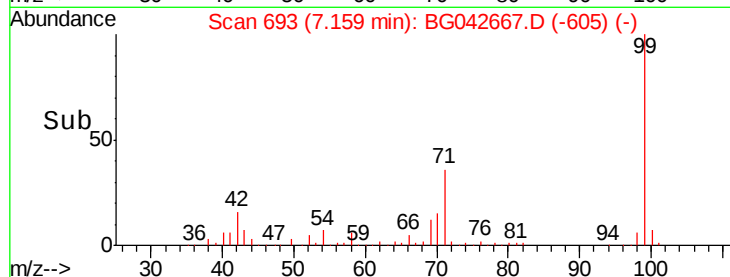
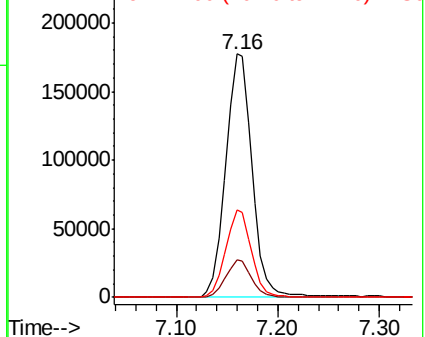
99 100

42 15.6 12.0 18.0

71 36.0 26.3 39.5



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: 9.200 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042667.D

Acq: 1 Sep 2019 18:37

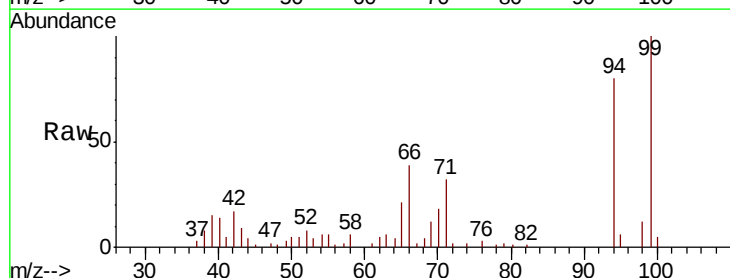
Tgt Ion: 94 Resp: 18297

Ion Ratio Lower Upper

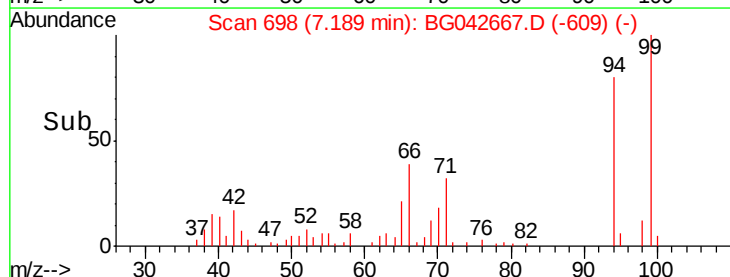
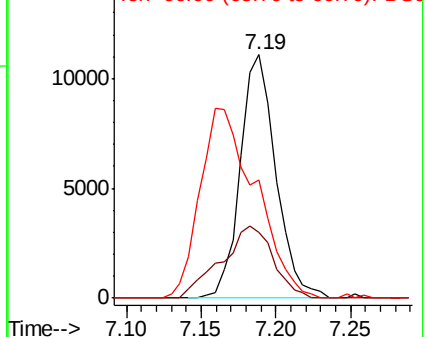
94 100

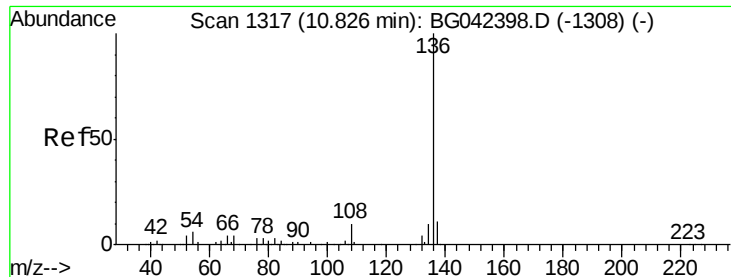
65 26.7 5.6 45.6

66 48.3 16.0 56.0



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

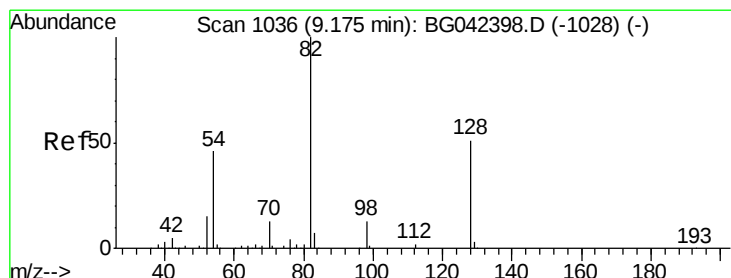
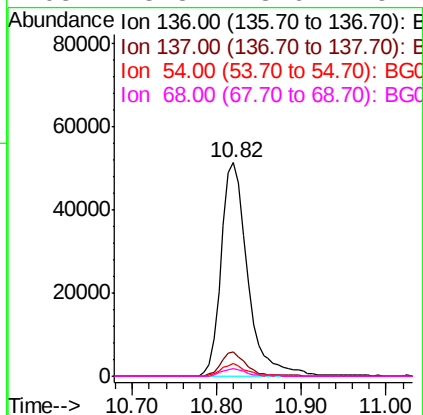
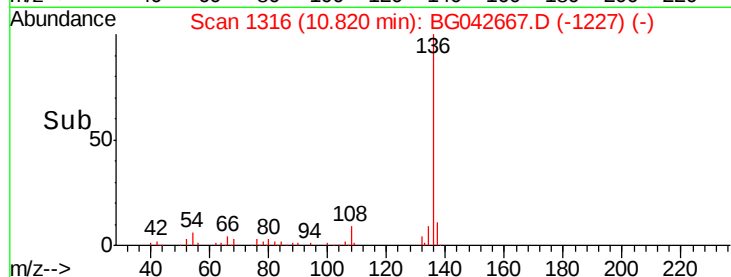
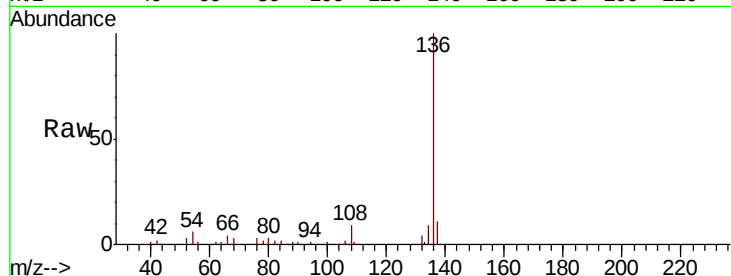




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042667.D
Acq: 1 Sep 2019 18:37

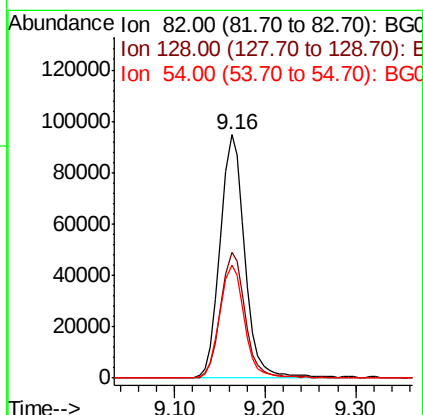
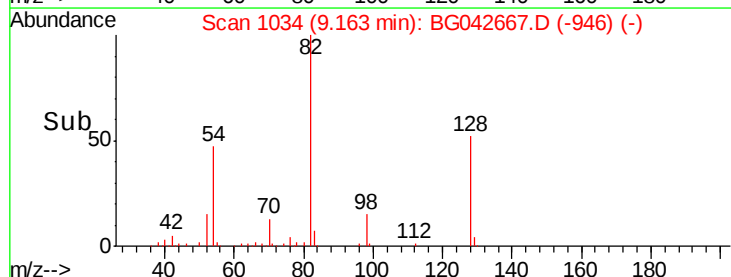
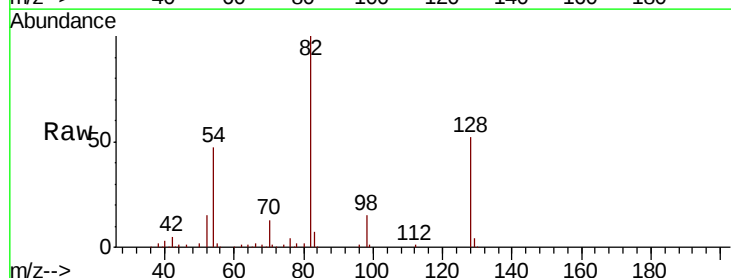
Instrument :
BNA_G
ClientSampleId :
SB-14-(0-2)

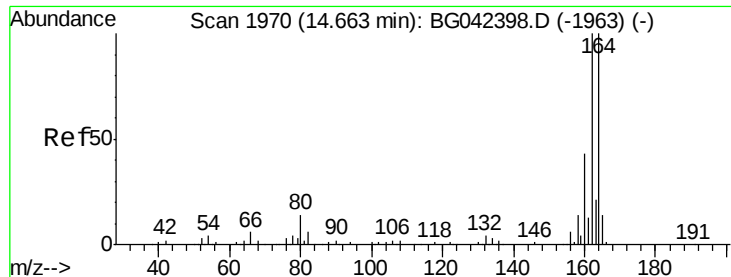
Tot Ion:136	Resp:	112487
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	5.9	4.9 7.3
68	3.3	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 110.145 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042667.D
Acq: 1 Sep 2019 18:37

Tgt Ion: 82	Resp:	179294
Ion Ratio	Lower	Upper
82	100	
128	51.6	40.7 61.1
54	46.6	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042667.D

Acq: 1 Sep 2019 18:37

Instrument :

BNA_G

ClientSampleId :

SB-14-(0-2)

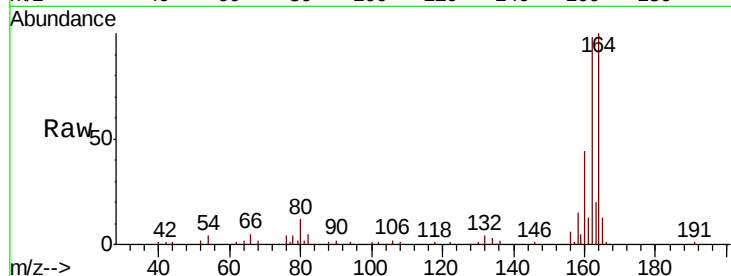
Tot Ion:164 Resp: 88171

Ion Ratio Lower Upper

164 100

162 97.9 79.9 119.9

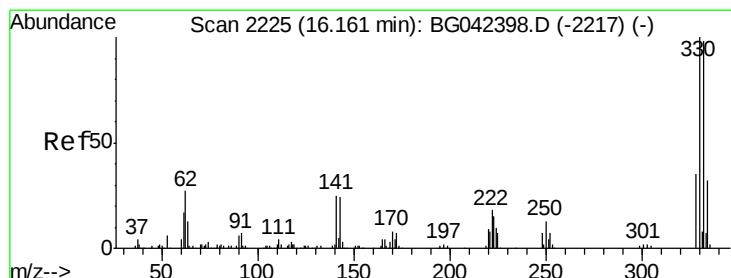
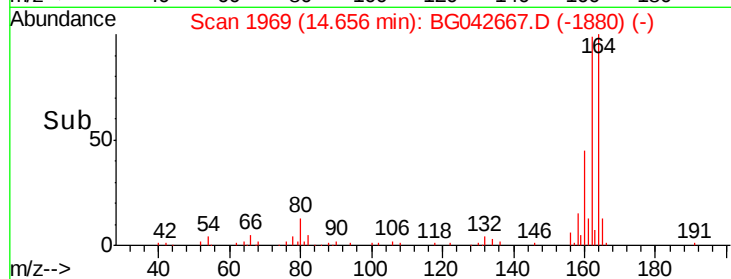
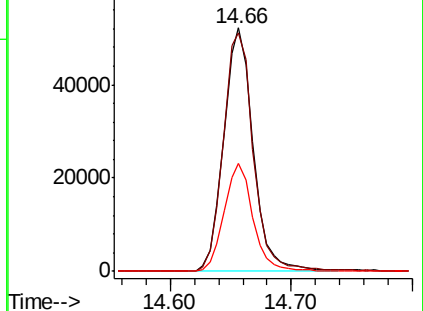
160 44.4 34.3 51.5



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: 200.776 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042667.D

Acq: 1 Sep 2019 18:37

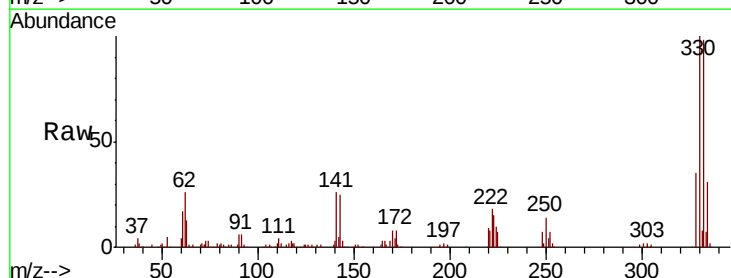
Tgt Ion:330 Resp: 251614

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

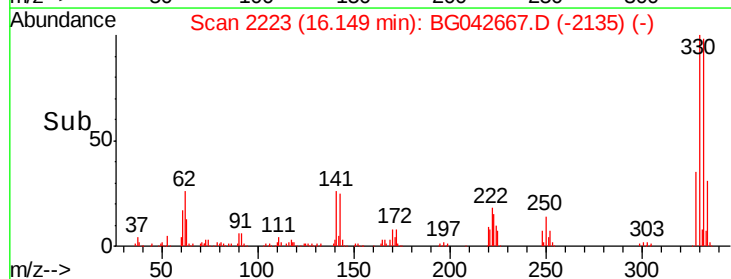
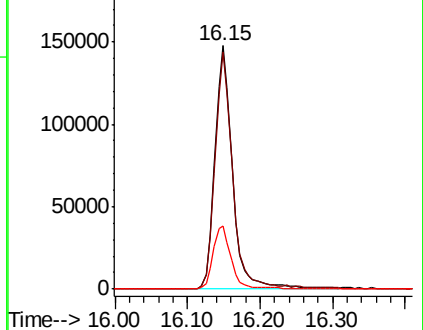
141 26.6 21.4 32.0

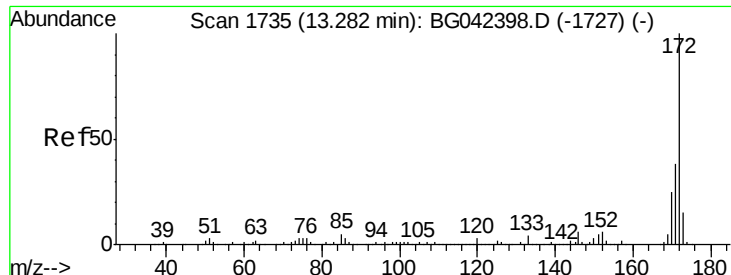


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

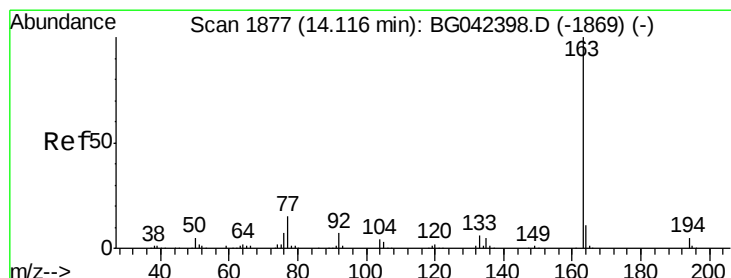
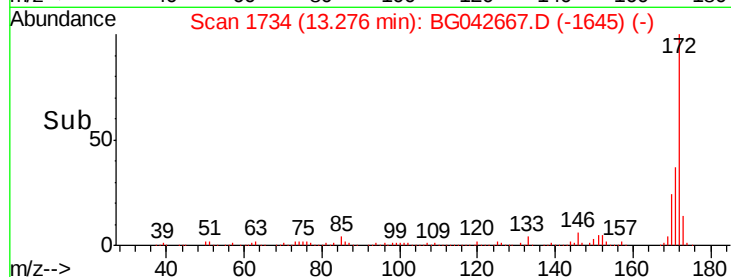
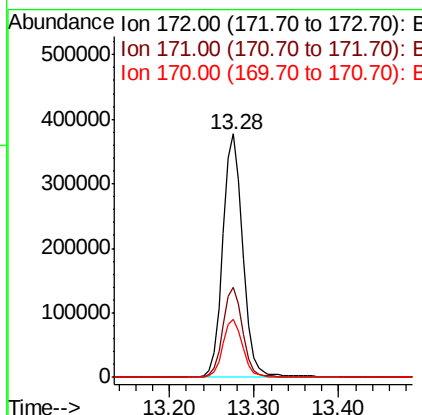
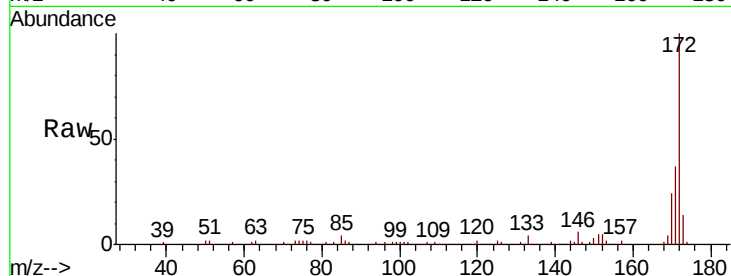




#45
2-Fluorobiphenyl
Concen: 118.771 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042667.D
Acq: 1 Sep 2019 18:37

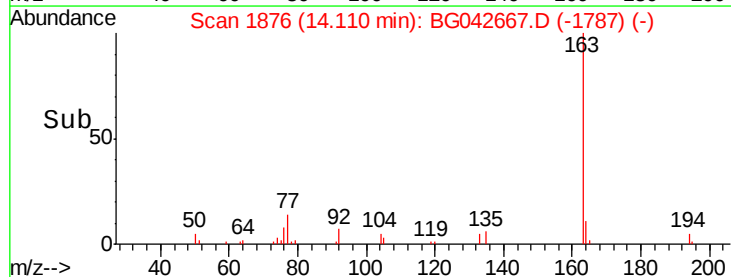
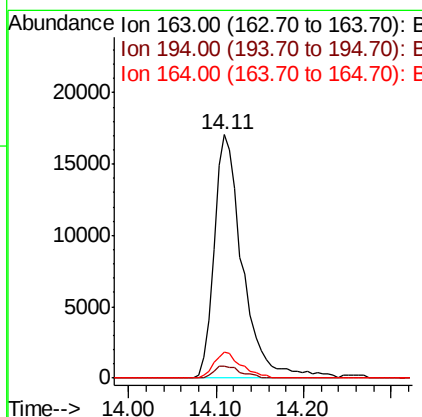
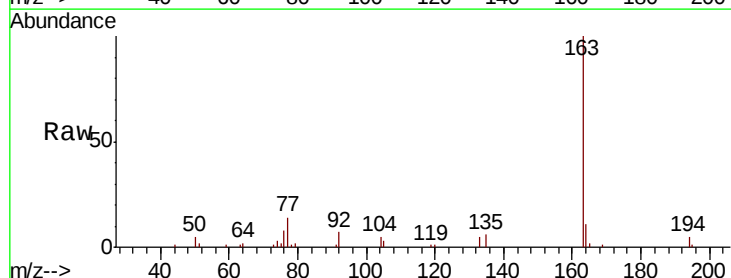
Instrument :
BNA_G
ClientSampleId :
SB-14-(0-2)

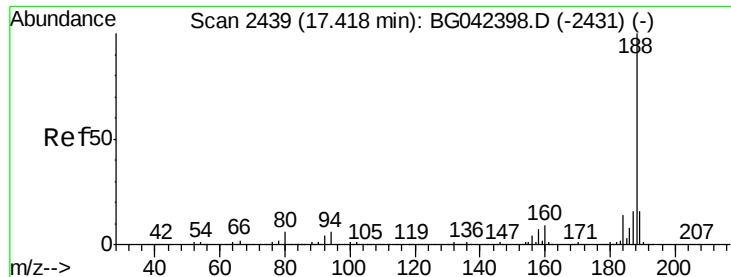
Tot Ion:172 Resp: 619184
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 23.7 20.2 30.2



#50
Dimethylphthalate
Concen: 6.018 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042667.D
Acq: 1 Sep 2019 18:37

Tgt Ion:163 Resp: 38284
Ion Ratio Lower Upper
163 100
194 4.7 4.2 6.2
164 10.8 8.8 13.2

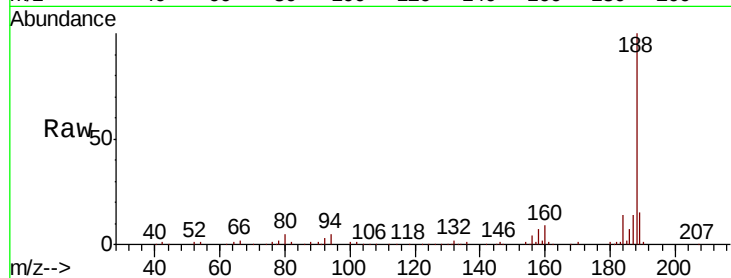




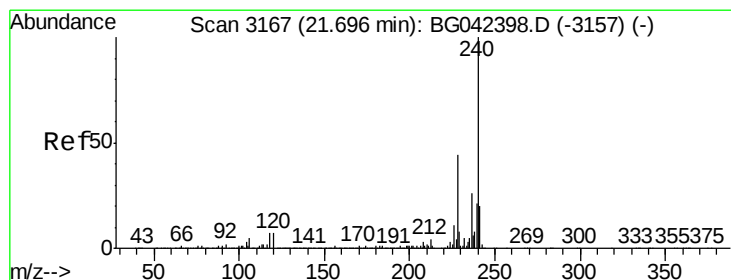
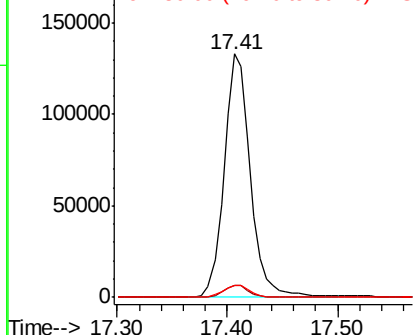
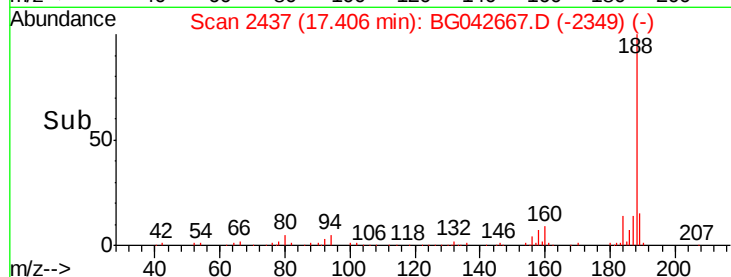
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042667.D
Acq: 1 Sep 2019 18:37

Instrument :
BNA_G
ClientSampleId :
SB-14-(0-2)

Tot Ion:188 Resp: 220560
Ion Ratio Lower Upper
188 100
94 5.0 4.5 6.7
80 5.1 4.9 7.3

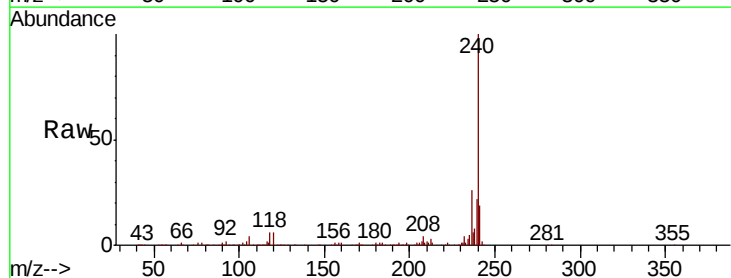


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

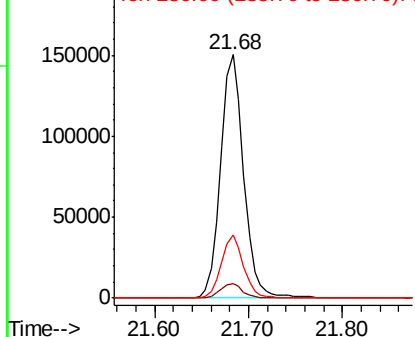
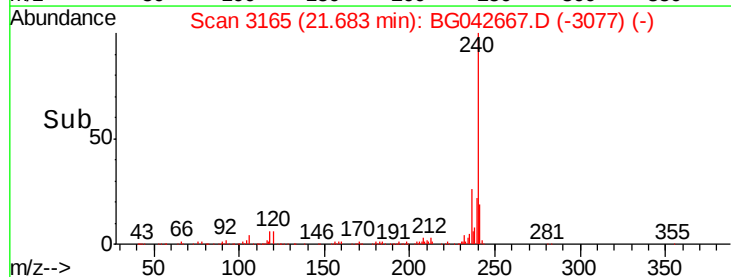


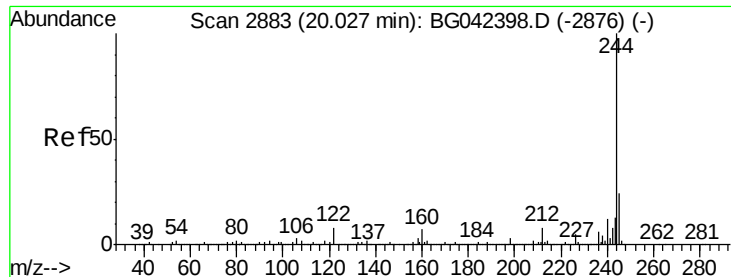
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042667.D
Acq: 1 Sep 2019 18:37

Tgt Ion:240 Resp: 257433
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 26.0 21.0 31.4



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



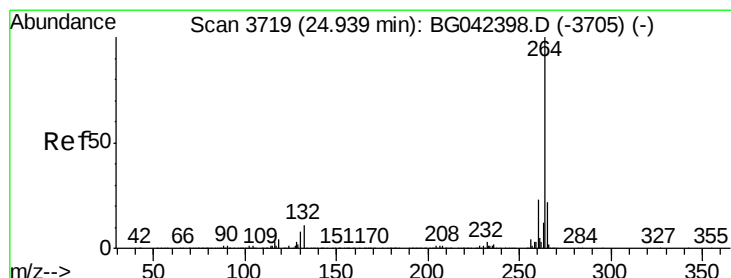
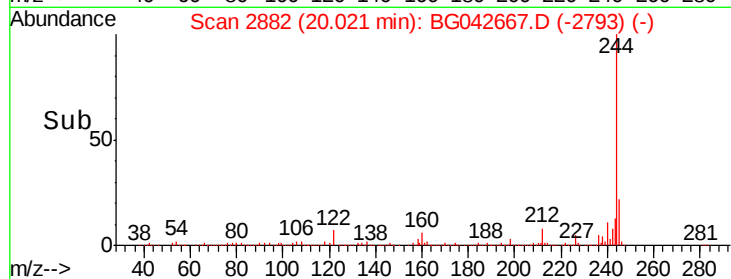
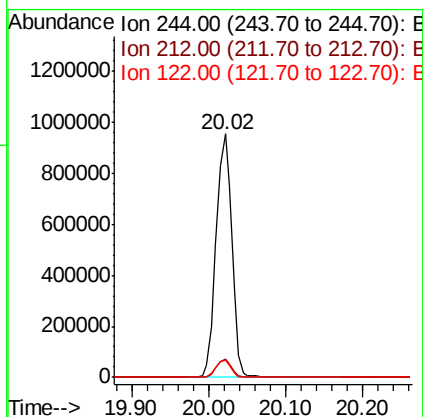
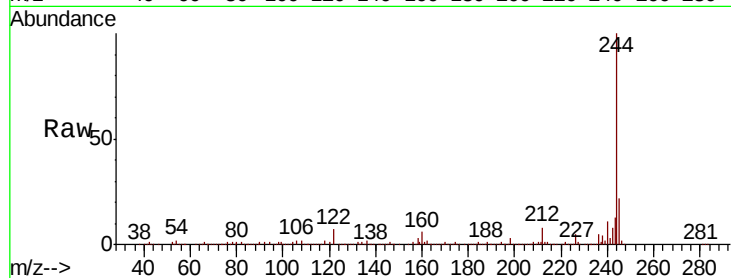


#79
 Terphenyl-d14
 Concen: 112.530 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042667.D
 Acq: 1 Sep 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-(0-2)

Tot Ion:244 Resp: 1339966

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	7.3	6.7	10.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG042667.D
 Acq: 1 Sep 2019 18:37

Tgt Ion:264 Resp: 301500

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	20.8	17.6	26.4

