

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042949.D
 Acq On : 30 Sep 2019 18:56
 Operator : JU
 Sample : K5083-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190703-RR-COMPOSITE-3

Quant Time: Oct 01 07:47:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

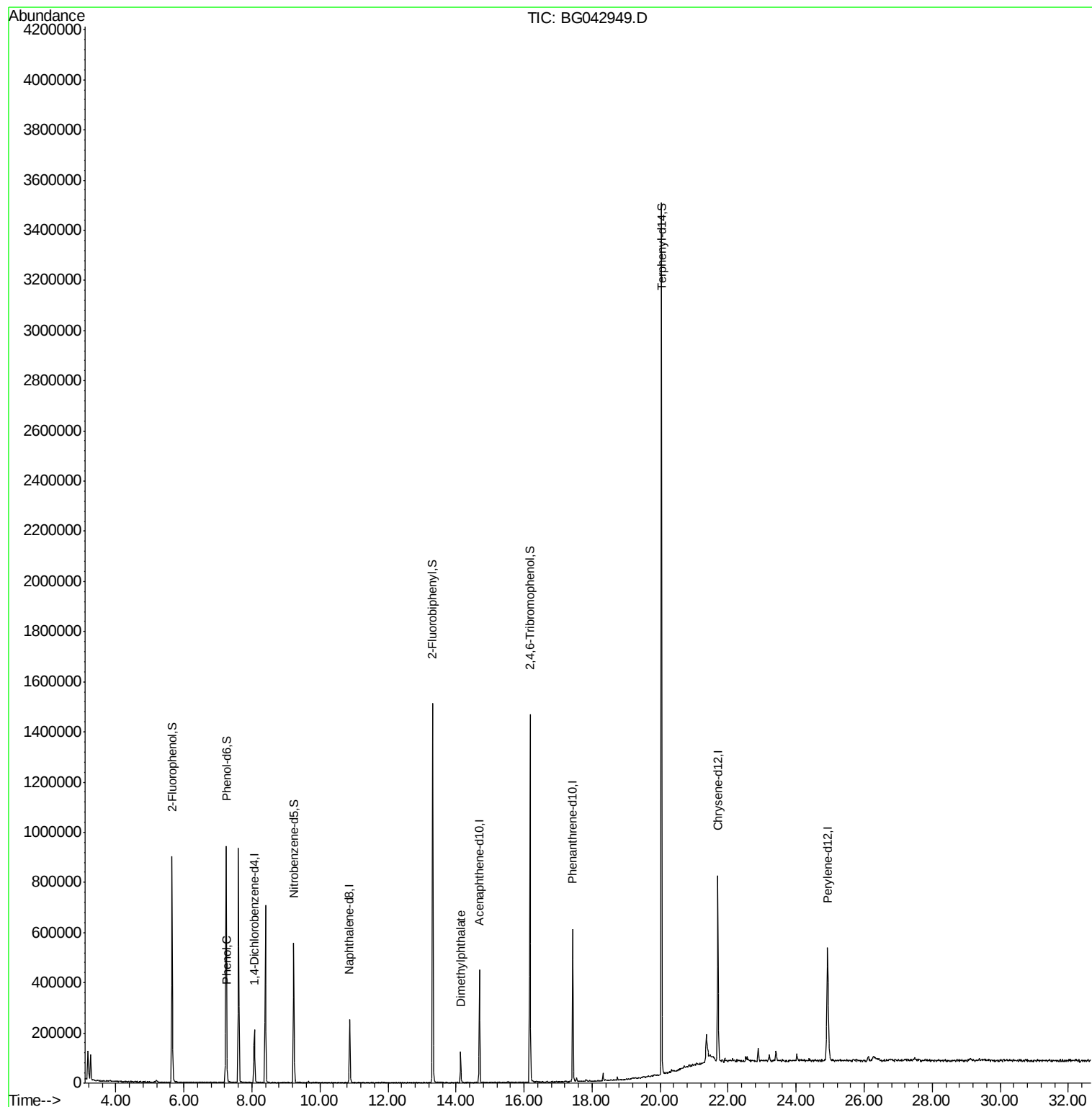
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59979	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	212230	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	155734	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	396295	20.00	ng	0.00
76) Chrysene-d12	21.70	240	471502	20.00	ng	-0.02
87) Perylene-d12	24.92	264	531251	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	367203	109.26	ng	0.00
7) Phenol-d6	7.24	99	524669	108.41	ng	0.00
23) Nitrobenzene-d5	9.23	82	336215	77.00	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	297815	111.21	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	797210	74.21	ng	-0.01
79) Terphenyl-d14	20.04	244	1661362	75.08	ng	0.00
Target Compounds						
10) Phenol	7.27	94	15684	3.532	ng	85
50) Dimethylphthalate	14.14	163	87110	7.465	ng	# 95

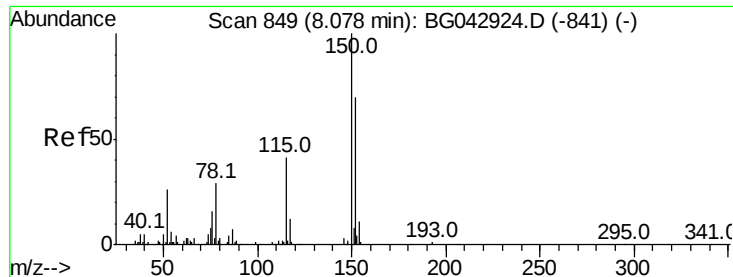
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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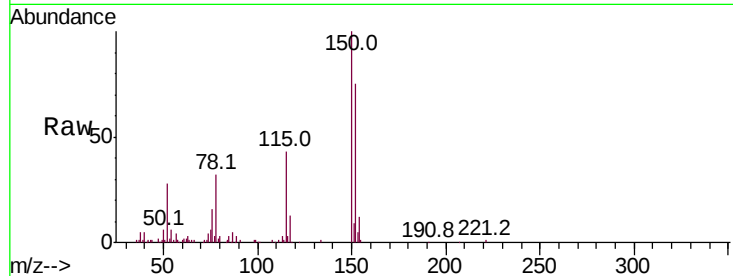


#1

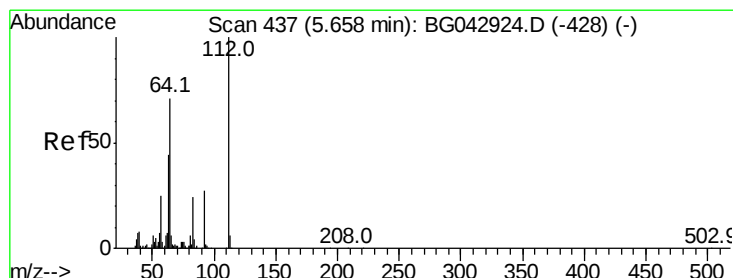
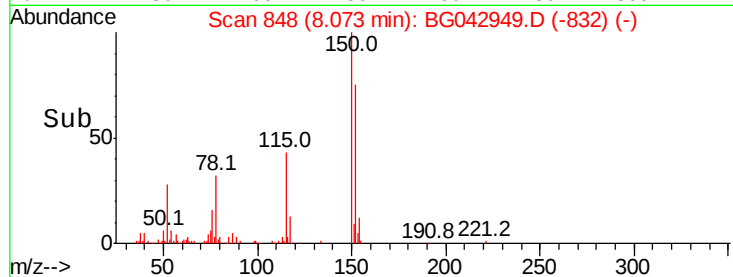
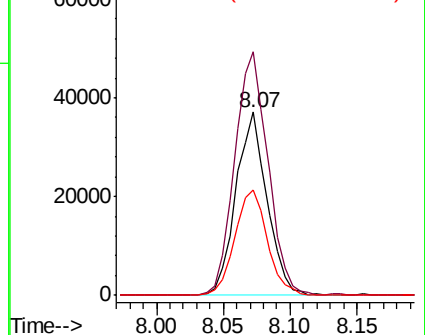
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042949.D
Acq: 30 Sep 2019 18:56

Instrument :
BNA_G
ClientSampleId :
20190703-RR-COMPOSITE-3

Tot Ion:152 Resp: 59979
Ion Ratio Lower Upper
152 100
150 132.8 115.0 172.4
115 57.6 47.0 70.6



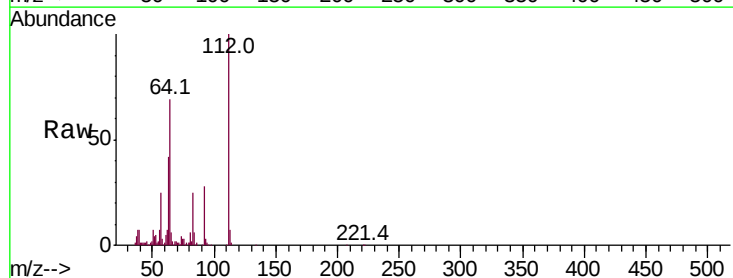
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



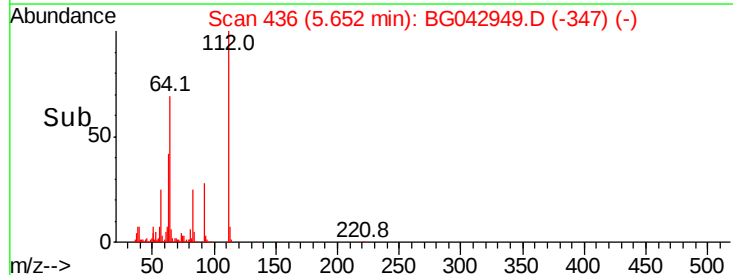
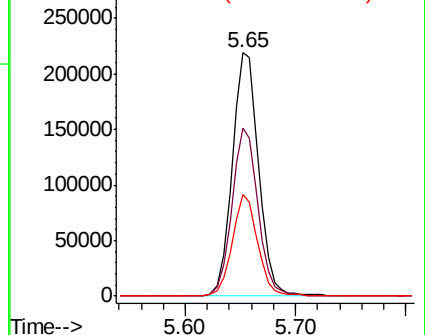
#5

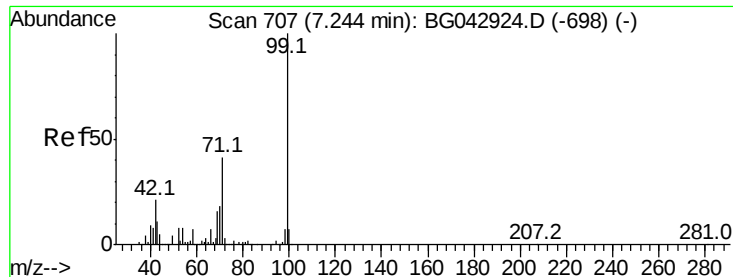
2-Fluorophenol
Concen: 109.258 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG042949.D
Acq: 30 Sep 2019 18:56

Tgt Ion:112 Resp: 367203
Ion Ratio Lower Upper
112 100
64 69.1 56.6 84.8
63 41.5 35.1 52.7



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: 108.406 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042949.D

Acq: 30 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

20190703-RR-COMPOSITE-3

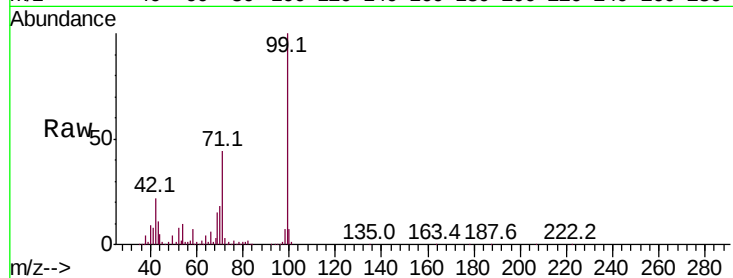
Tot Ion: 99 Resp: 524669

Ion Ratio Lower Upper

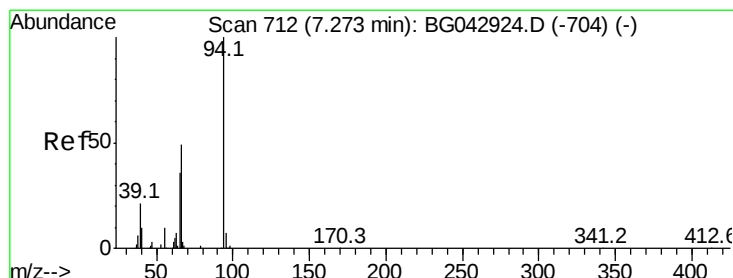
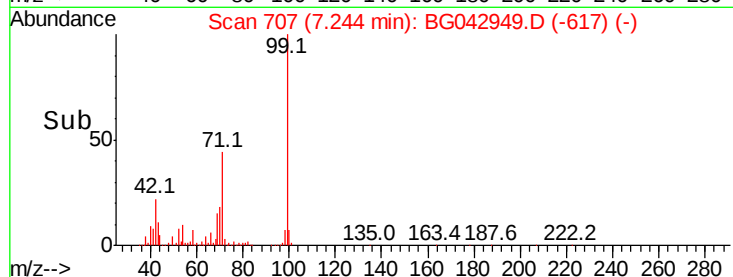
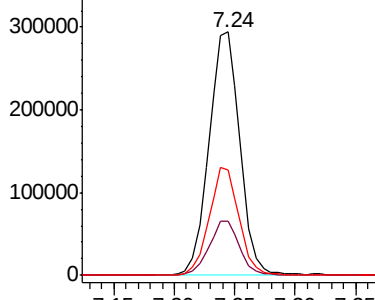
99 100

42 22.2 17.2 25.8

71 43.5 33.1 49.7



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: 3.532 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042949.D

Acq: 30 Sep 2019 18:56

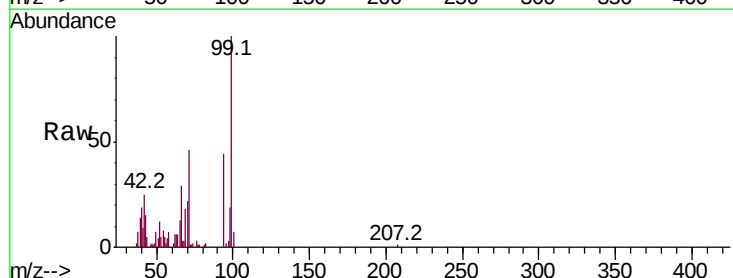
Tgt Ion: 94 Resp: 15684

Ion Ratio Lower Upper

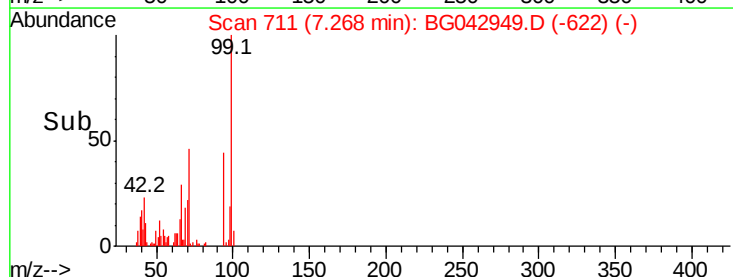
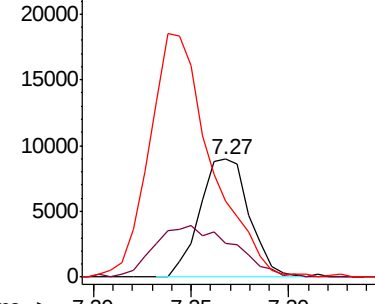
94 100

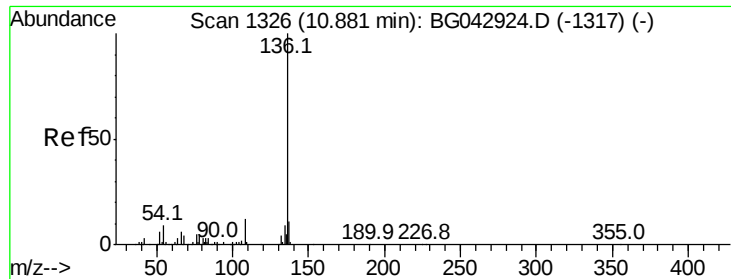
65 28.6 16.6 56.6

66 64.2 32.4 72.4



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# 1325

Delta R.T. -0.01 min

Lab File: BG042949.D

Acq: 30 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

20190703-RR-COMPOSITE-3

Tot Ion:136 Resp: 212230

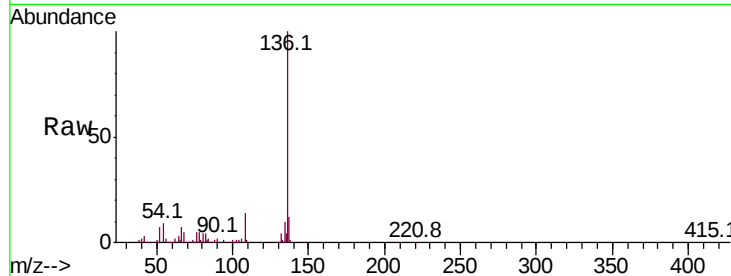
Ion Ratio Lower Upper

136 100

137 11.7 8.5 12.7

54 8.8 7.4 11.2

68 4.8 3.6 5.4

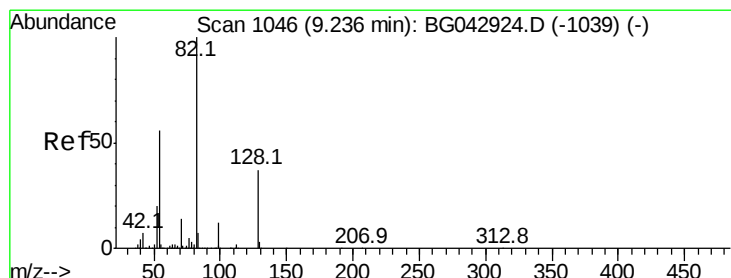
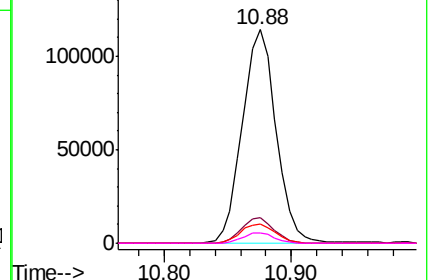
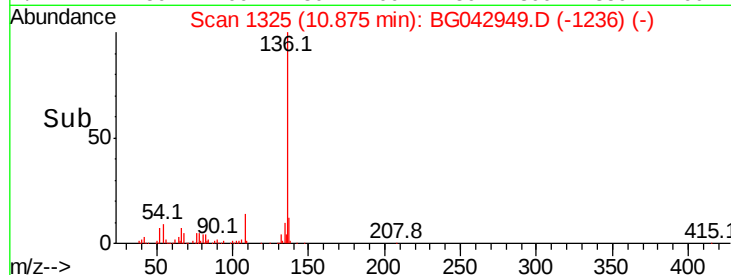


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 77.000 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG042949.D

Acq: 30 Sep 2019 18:56

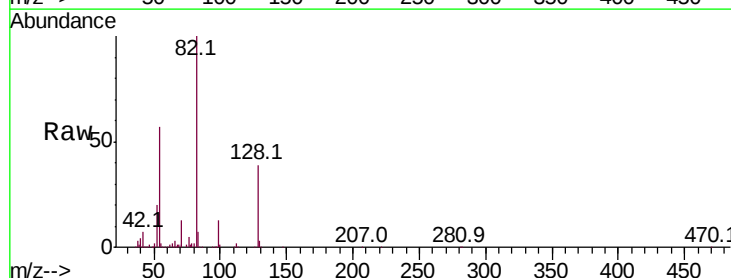
Tgt Ion: 82 Resp: 336215

Ion Ratio Lower Upper

82 100

128 38.6 29.5 44.3

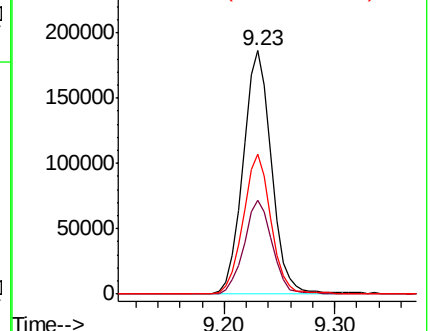
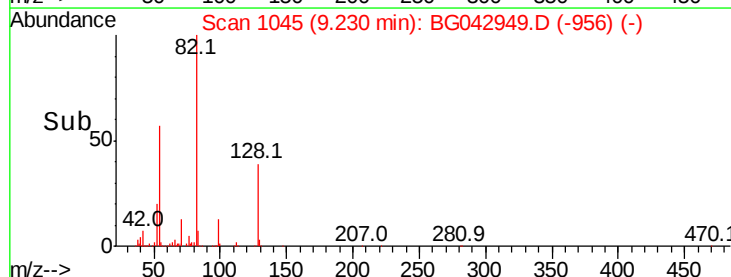
54 57.5 44.6 67.0

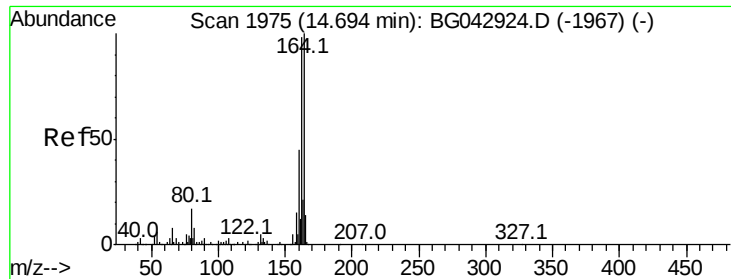


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042949.D

Acq: 30 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

20190703-RR-COMPOSITE-3

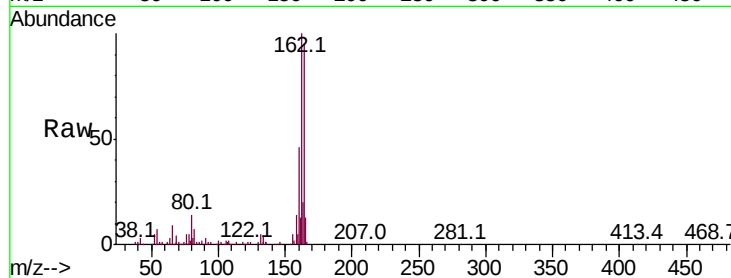
Tot Ion:164 Resp: 155734

Ion Ratio Lower Upper

164 100

162 104.9 78.5 117.7

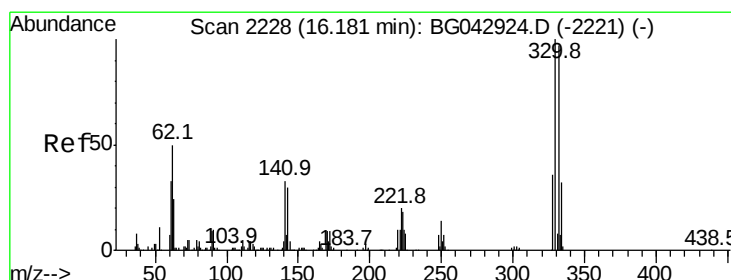
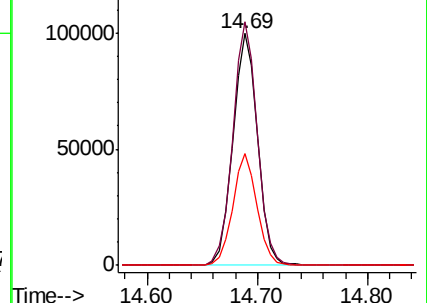
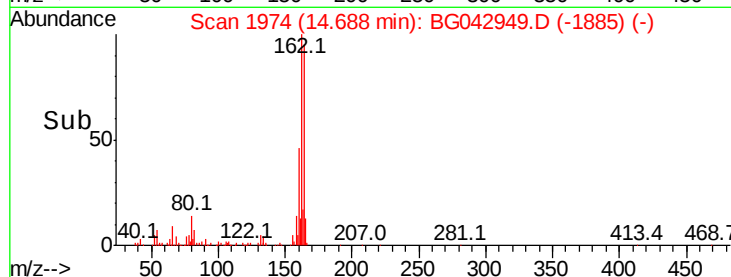
160 47.9 35.9 53.9



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: 111.210 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042949.D

Acq: 30 Sep 2019 18:56

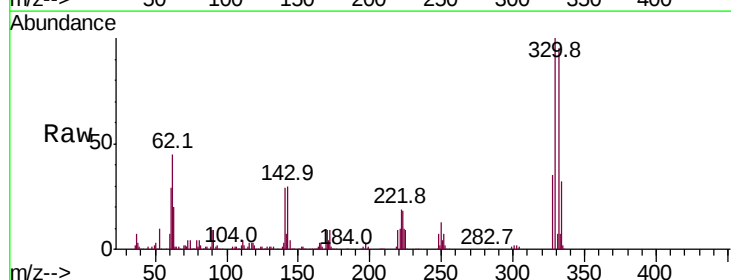
Tgt Ion:330 Resp: 297815

Ion Ratio Lower Upper

330 100

332 96.8 78.2 117.2

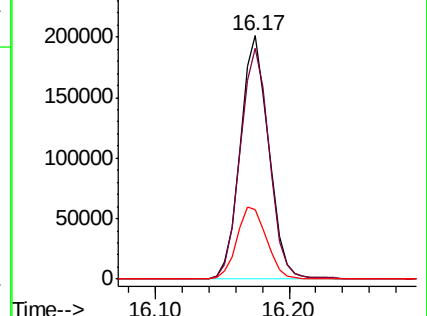
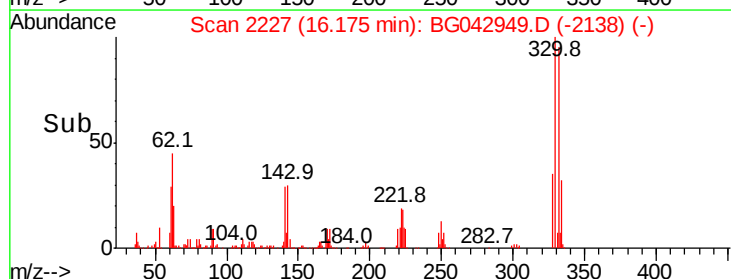
141 31.4 26.0 39.0

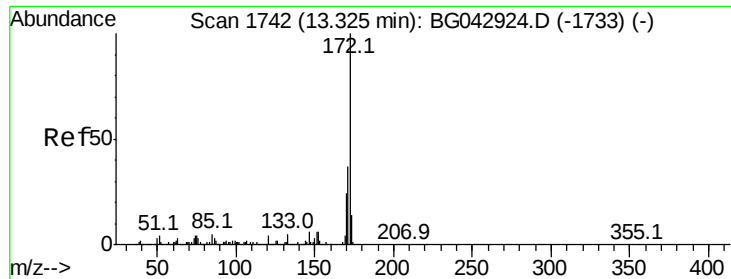


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

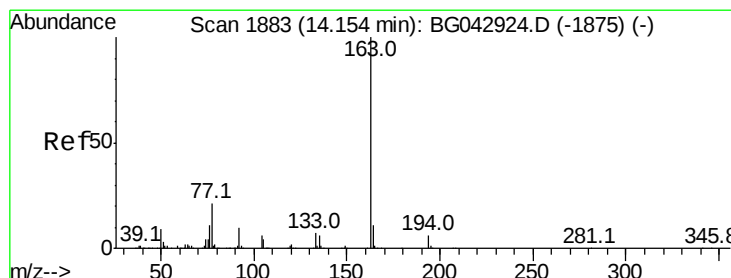
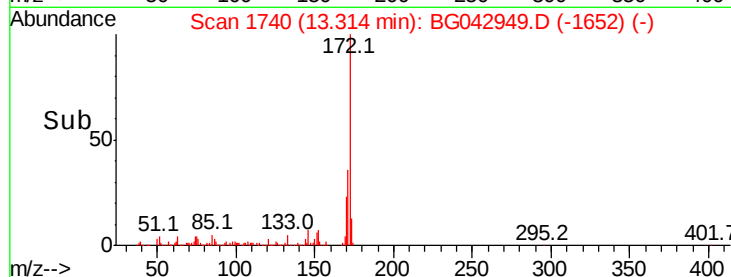
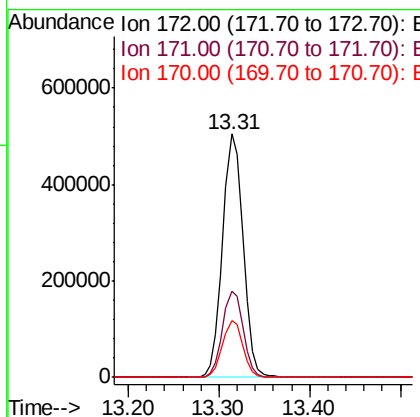
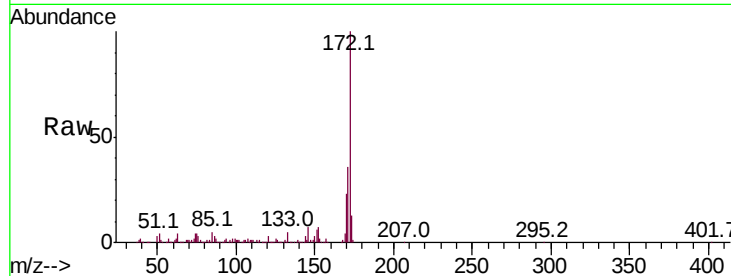




#45
2-Fluorobiphenyl
Concen: 74.211 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042949.D
Acq: 30 Sep 2019 18:56

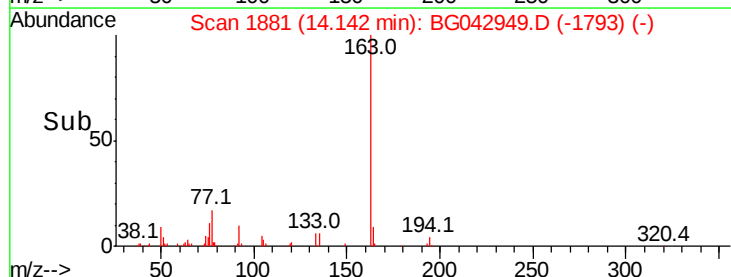
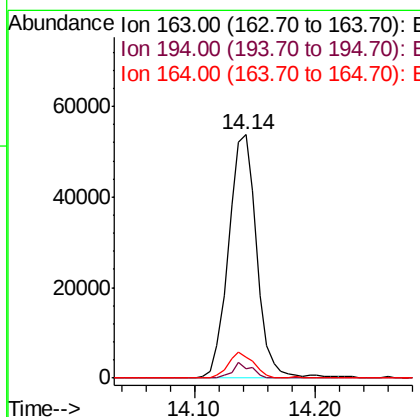
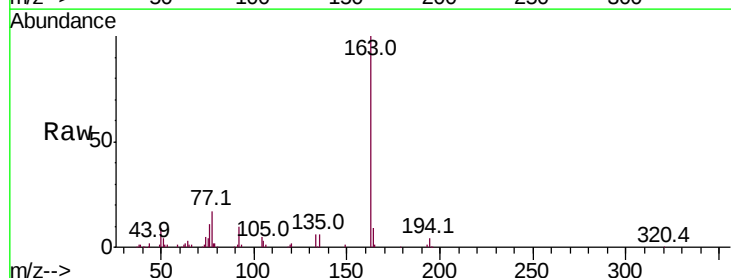
Instrument :
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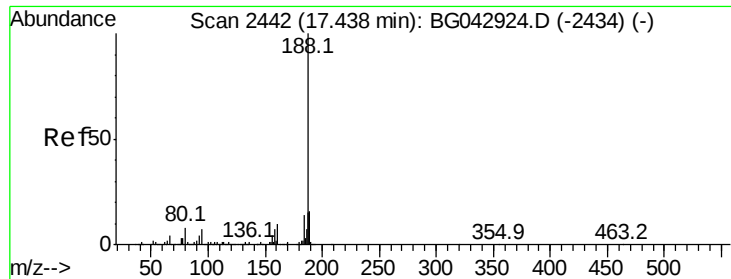
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.6	29.4



#50
Dimethylphthalate
Concen: 7.465 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG042949.D
Acq: 30 Sep 2019 18:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	8.7	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042949.D

Acq: 30 Sep 2019 18:56

Instrument :

BNA_G

ClientSampleId :

20190703-RR-COMPOSITE-3

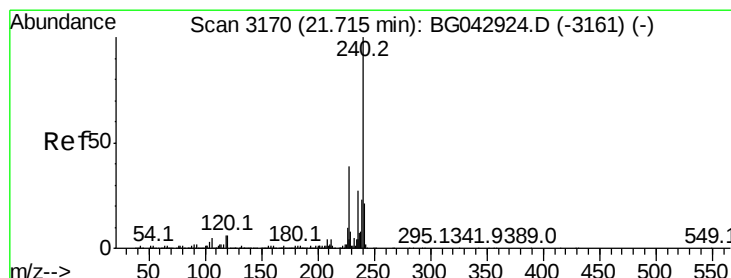
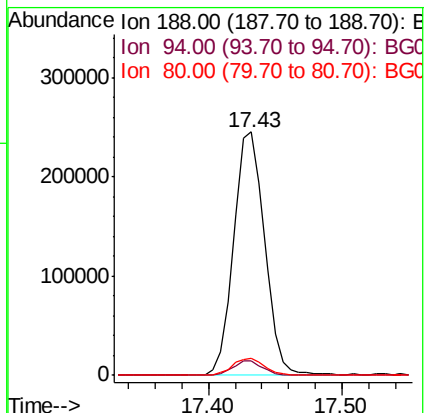
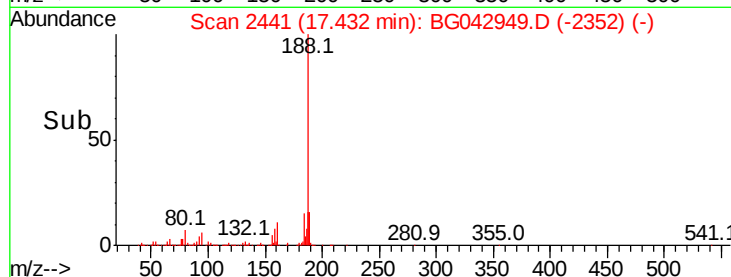
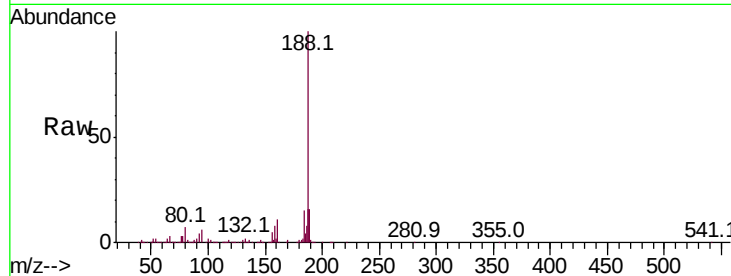
Tot Ion:188 Resp: 396295

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

80 6.9 6.5 9.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042949.D

Acq: 30 Sep 2019 18:56

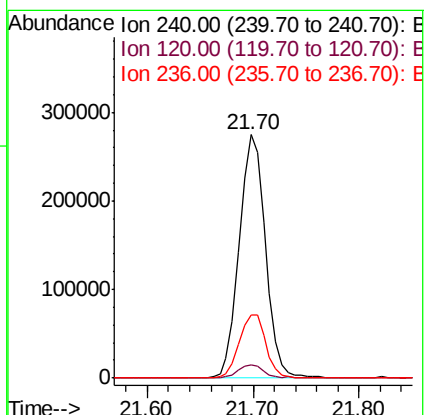
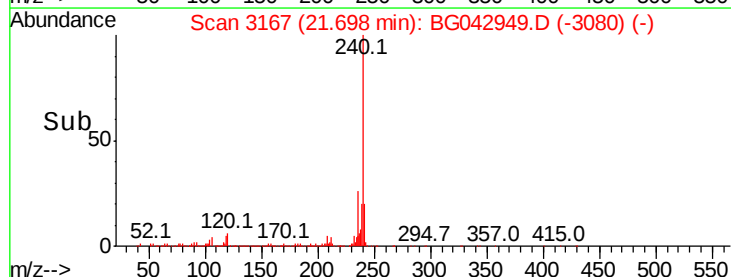
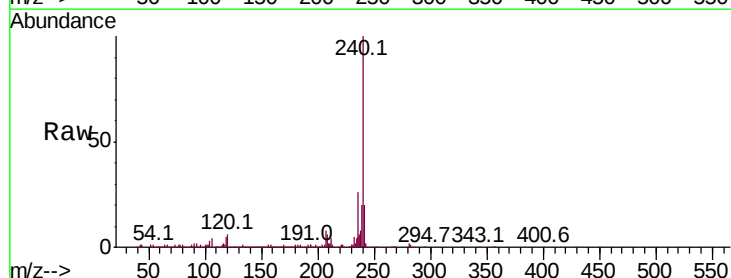
Tgt Ion:240 Resp: 471502

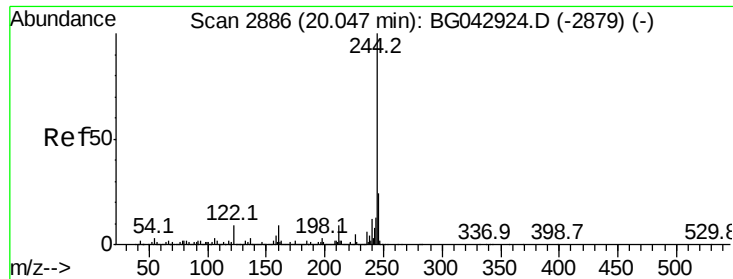
Ion Ratio Lower Upper

240 100

120 5.5 4.8 7.2

236 25.7 21.4 32.0





#79

Terphenyl-d14

Concen: 75.083 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042949.D

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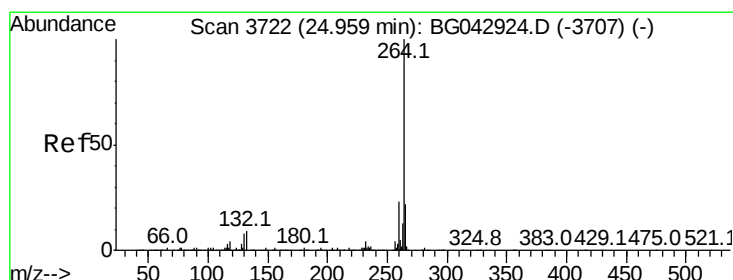
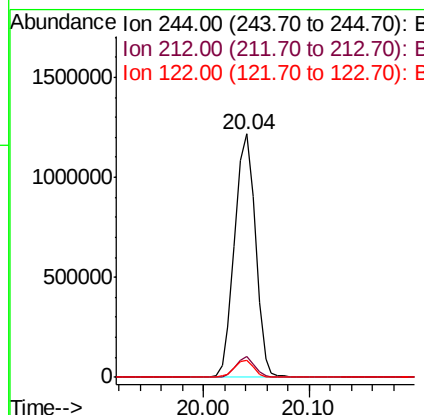
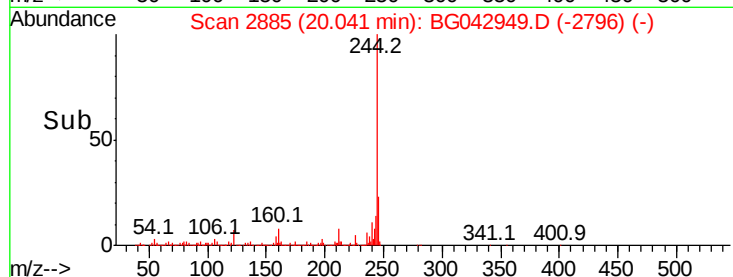
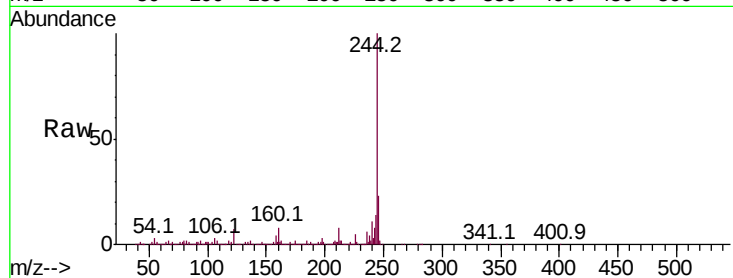
Tot Ion:244 Resp: 1661362

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.0

122 6.8 7.0 10.4#



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG042949.D

Acq: 30 Sep 2019 18:56

Tgt Ion:264 Resp: 531251

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 23.1 17.7 26.5

