

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115529.D
 Acq On : 12 Jul 2019 16:36
 Operator : HP/JU
 Sample : K3761-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

Quant Time: Jul 13 00:44:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

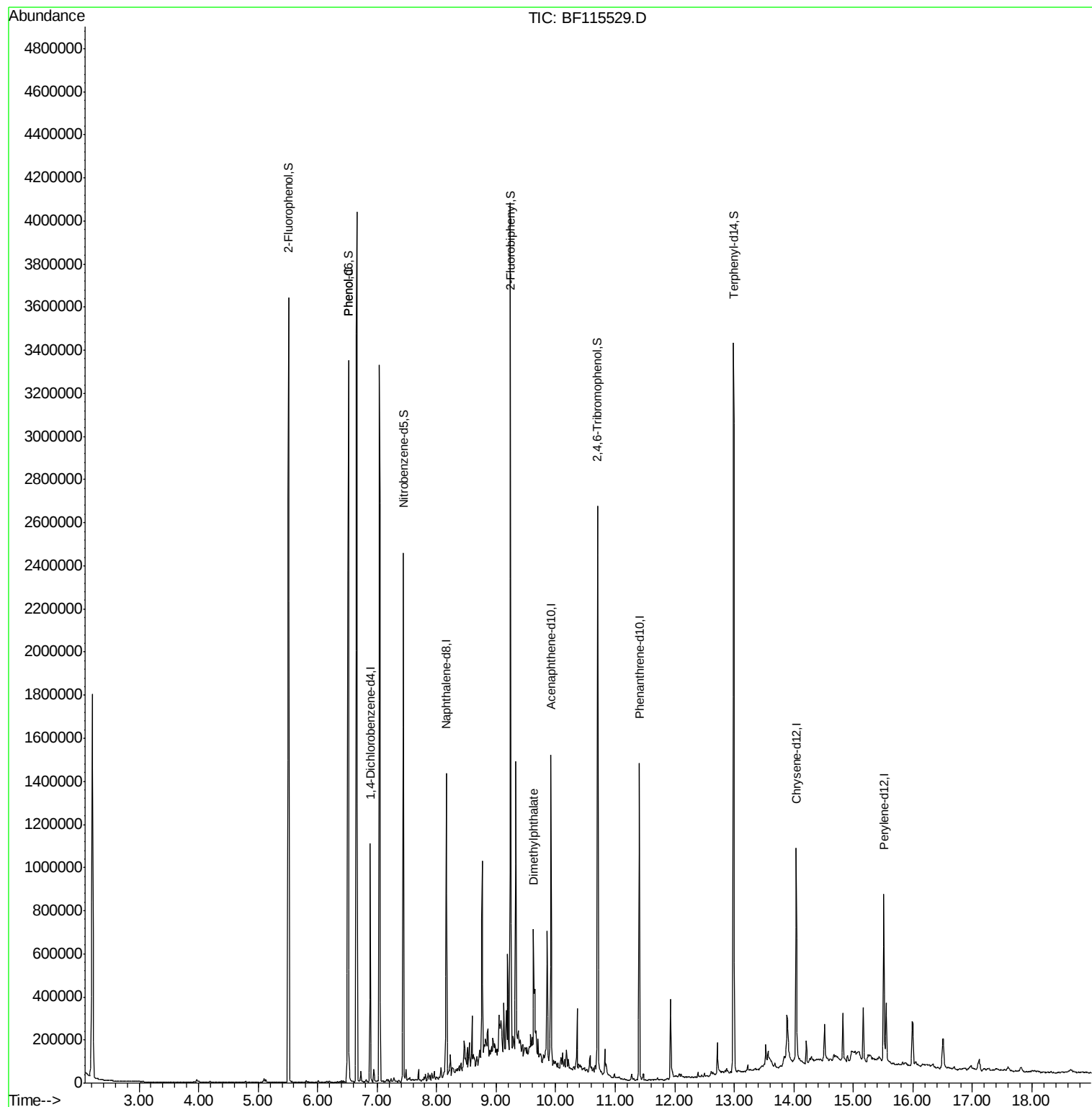
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	160048	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	609591	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	286588	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	507273	20.00	ng	0.00
76) Chrysene-d12	14.04	240	301511	20.00	ng	-0.01
87) Perylene-d12	15.51	264	369501	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1150883	117.62	ng	0.00
7) Phenol-d6	6.52	99	1490605	120.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	894548	85.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	379885	113.56	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1380866	84.33	ng	0.00
79) Terphenyl-d14	12.99	244	1226153	75.04	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	29709	2.061	ng	88
50) Dimethylphthalate	9.63	163	209481	9.715	ng	99

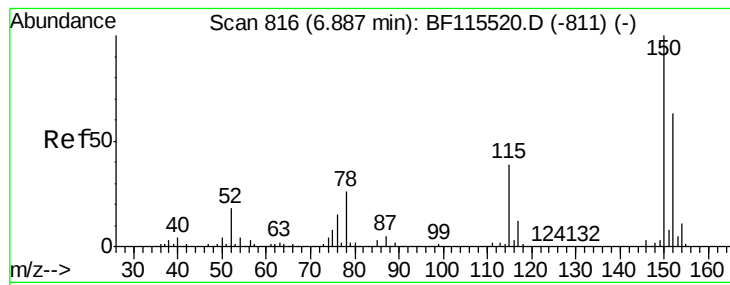
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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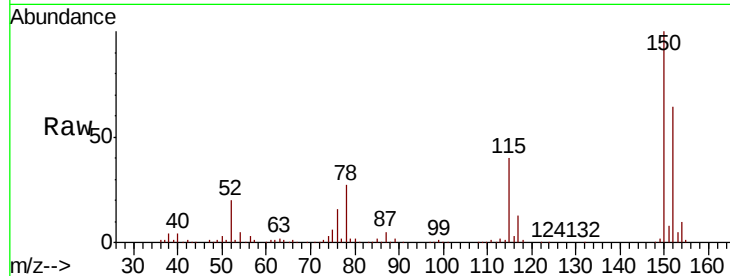




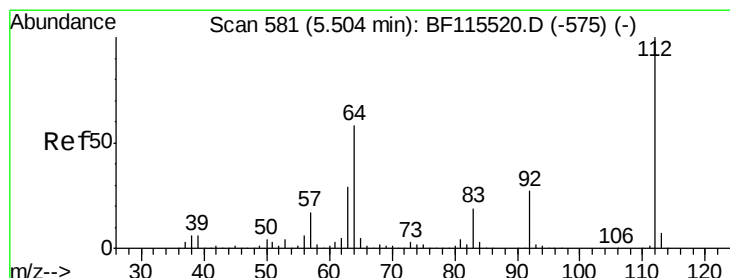
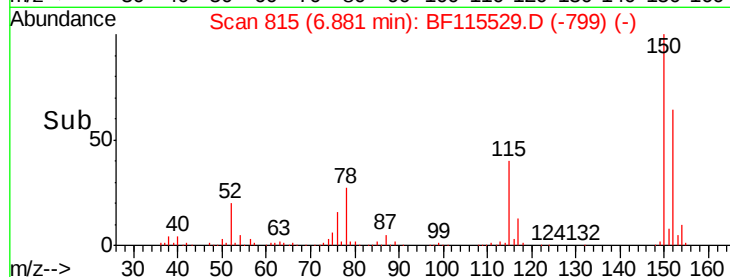
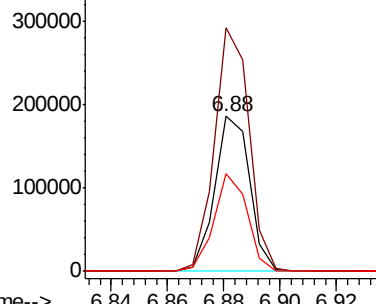
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115529.D
 Acq: 12 Jul 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

Tot Ion:152 Resp: 160048
 Ion Ratio Lower Upper
 152 100
 150 157.3 129.7 194.5
 115 63.1 48.2 72.4

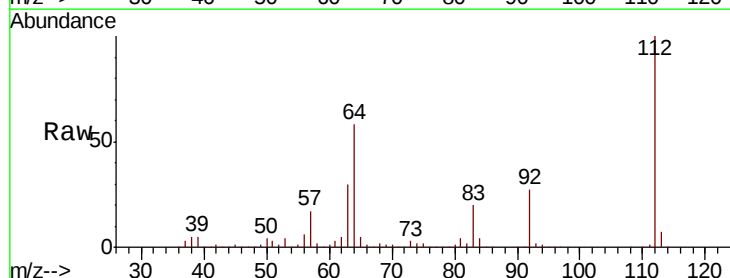


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

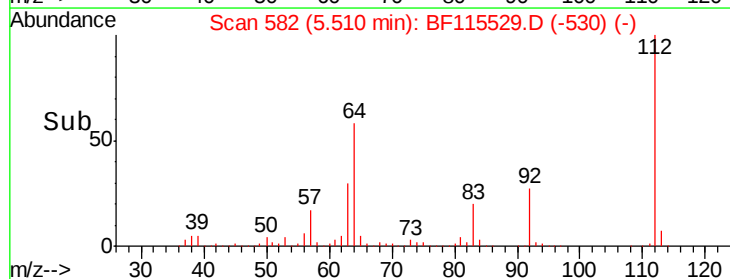
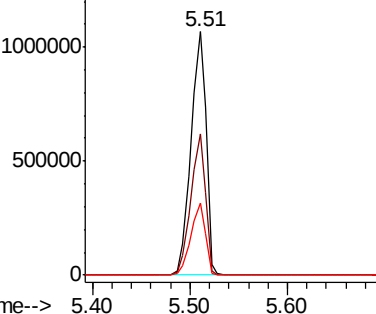


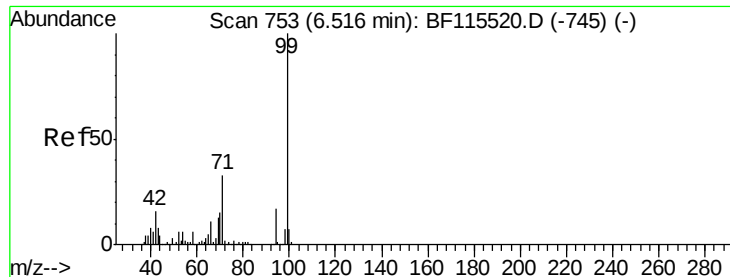
#5
 2-Fluorophenol
 Concen: 117.622 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF115529.D
 Acq: 12 Jul 2019 16:36

Tgt Ion:112 Resp: 1150883
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.8 70.2
 63 29.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.060 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115529.D

Acq: 12 Jul 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM

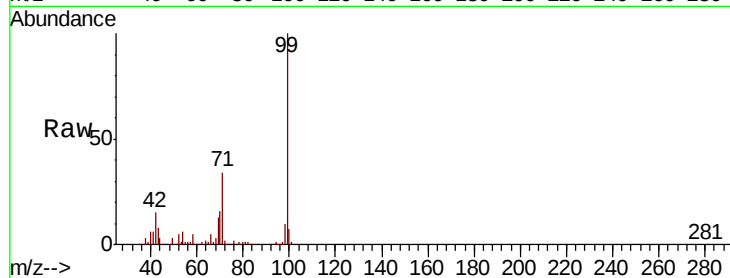
Tot Ion: 99 Resp: 1490605

Ion Ratio Lower Upper

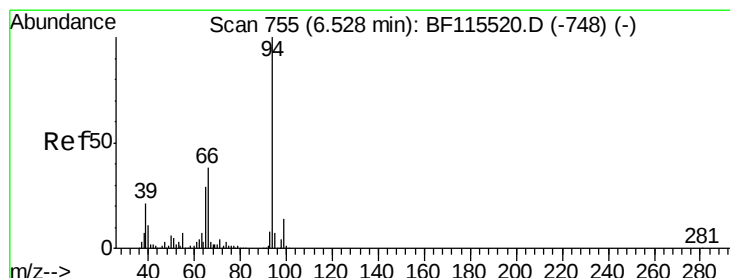
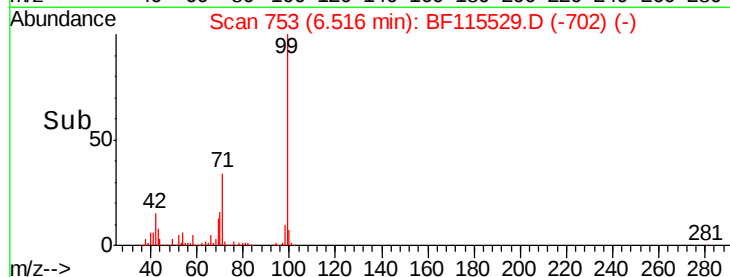
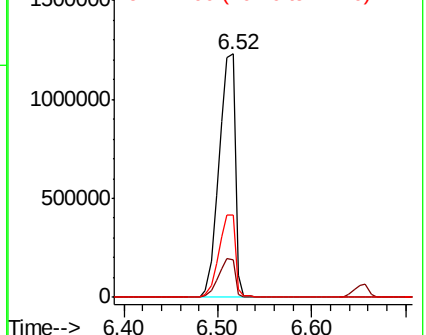
99 100

42 15.4 13.6 20.4

71 33.7 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.061 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115529.D

Acq: 12 Jul 2019 16:36

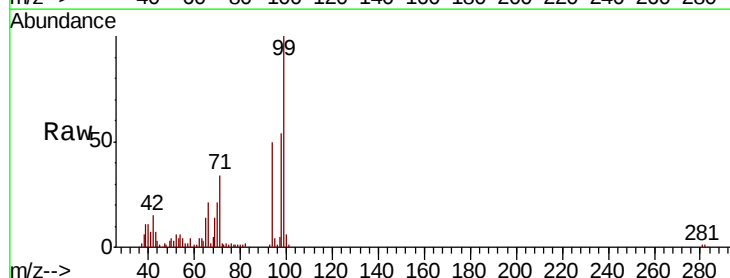
Tgt Ion: 94 Resp: 29709

Ion Ratio Lower Upper

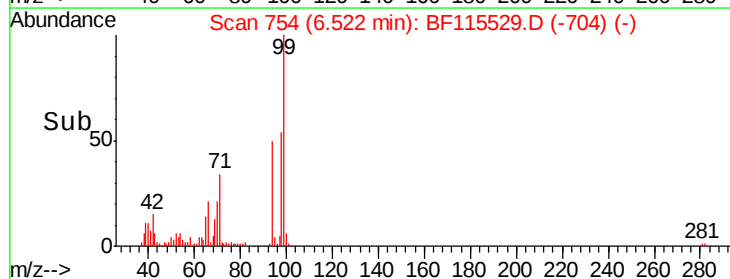
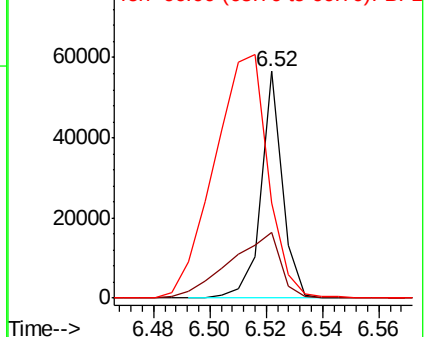
94 100

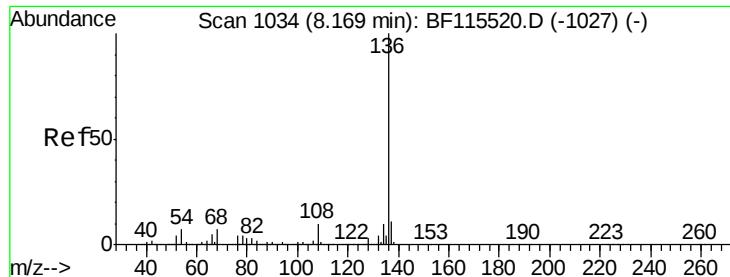
65 29.0 14.5 54.5

66 42.1 31.3 71.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115529.D

Acq: 12 Jul 2019 16:36

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM

Tot Ion:136 Resp: 609591

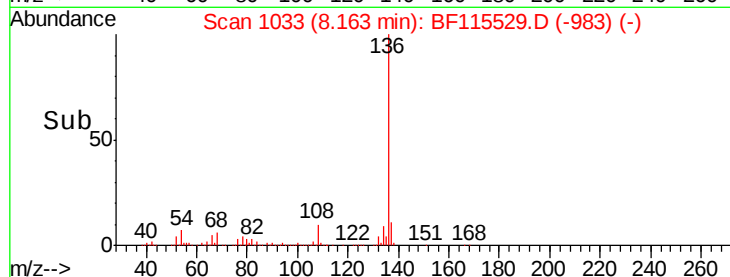
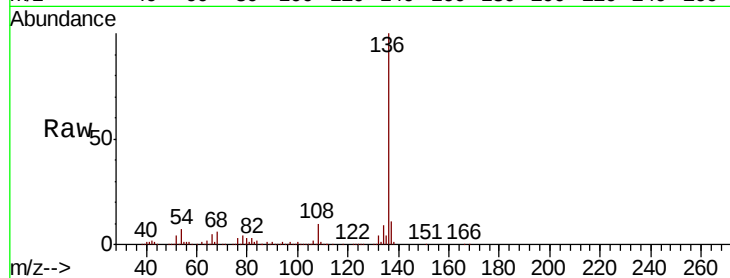
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.8 5.6 8.4

68 6.3 5.0 7.6

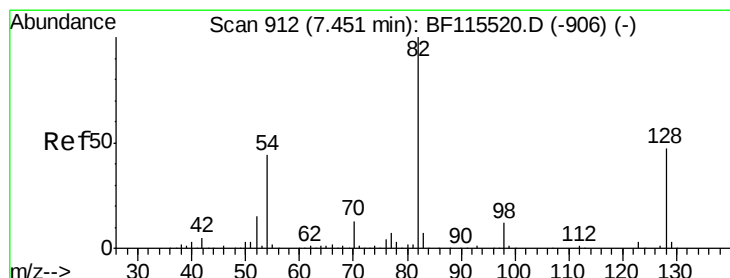
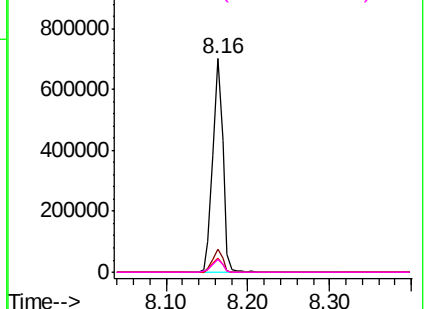


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 85.328 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115529.D

Acq: 12 Jul 2019 16:36

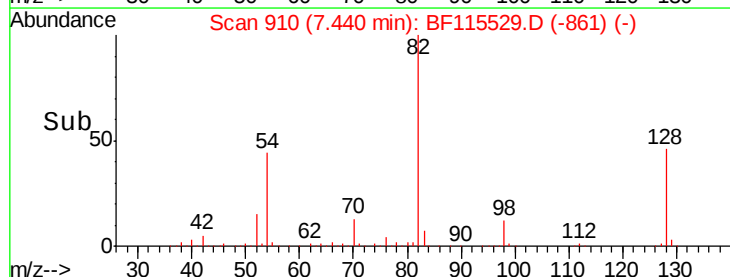
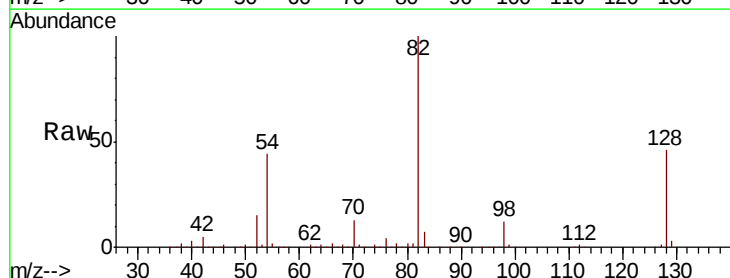
Tgt Ion: 82 Resp: 894548

Ion Ratio Lower Upper

82 100

128 46.5 38.6 57.8

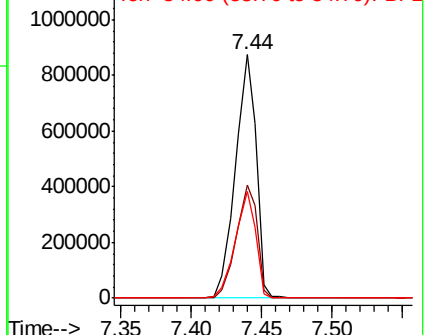
54 43.6 35.6 53.4

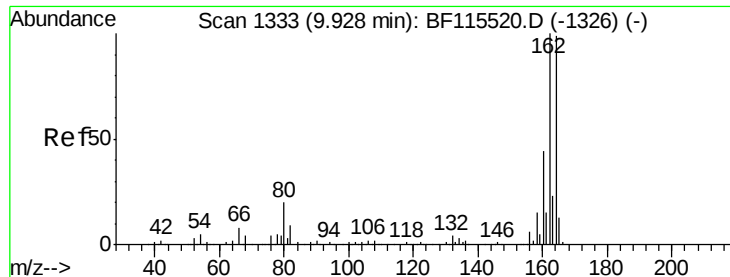


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

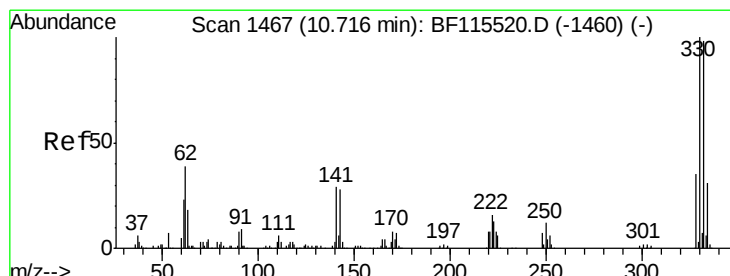
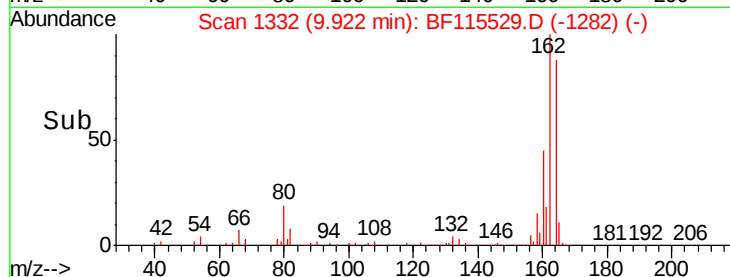
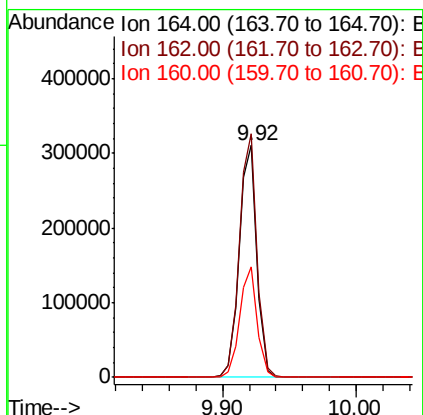
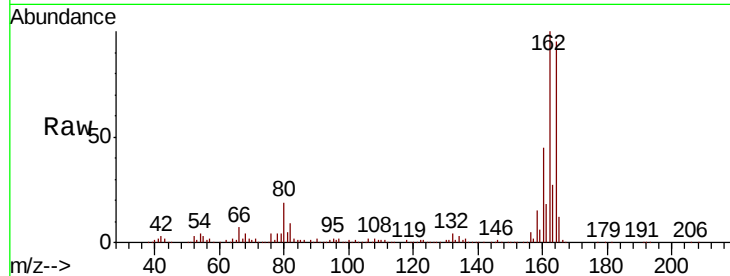




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115529.D
 Acq: 12 Jul 2019 16:36

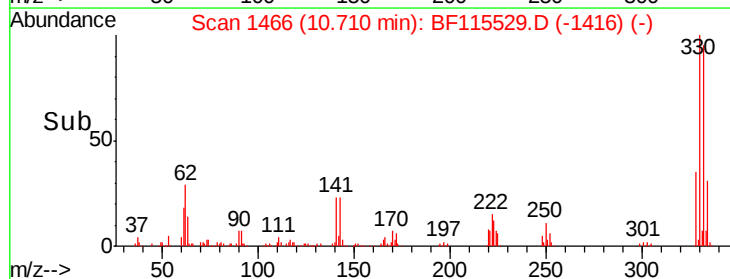
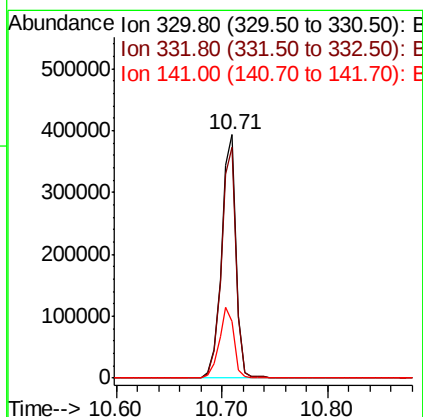
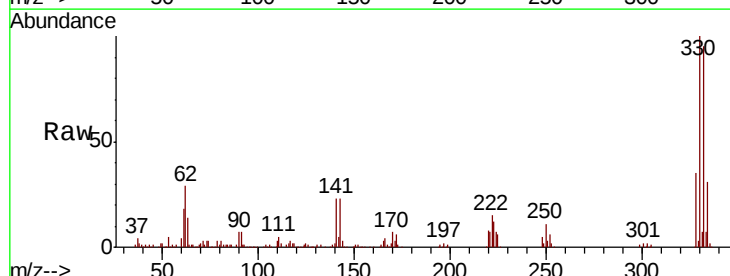
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

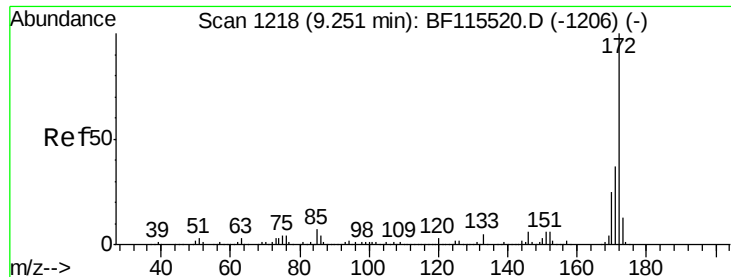
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.9	124.3
160	47.5	36.8	55.2



#42
 2,4,6-Tribromophenol
 Concen: 113.562 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115529.D
 Acq: 12 Jul 2019 16:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	30.0	22.4	33.6

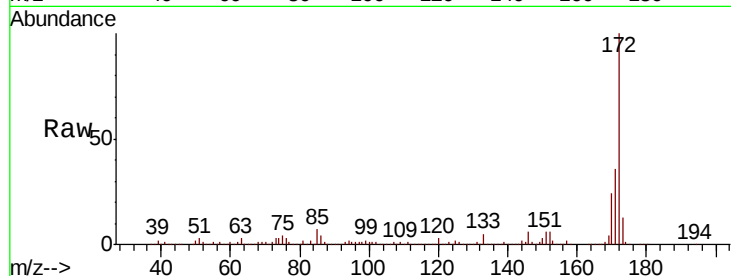




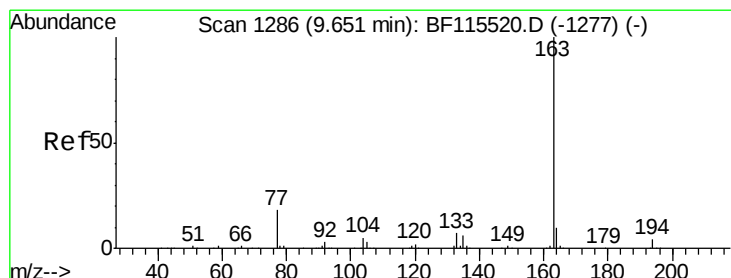
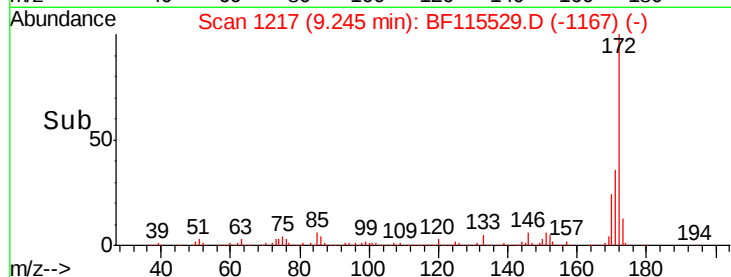
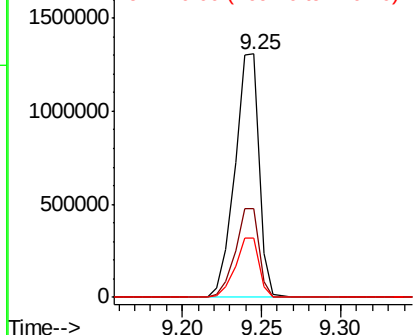
#45
2-Fluorobiphenyl
Concen: 84.334 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM

Tot Ion:172 Resp: 1380866
Ion Ratio Lower Upper
172 100
171 36.3 30.6 46.0
170 24.5 20.5 30.7

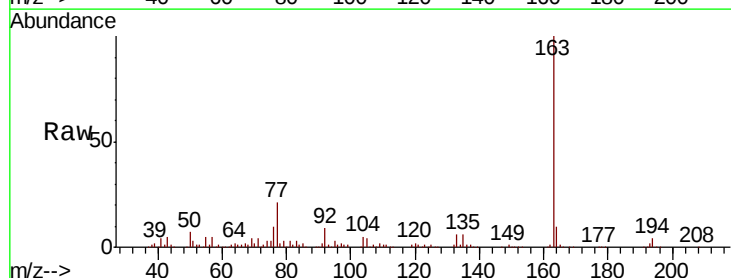


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

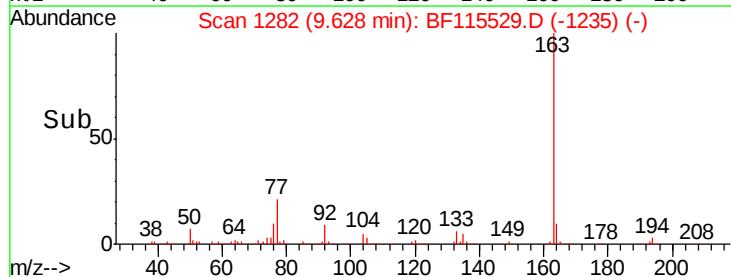
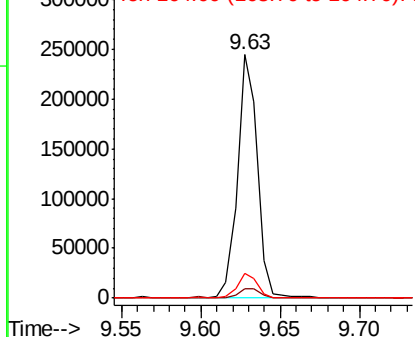


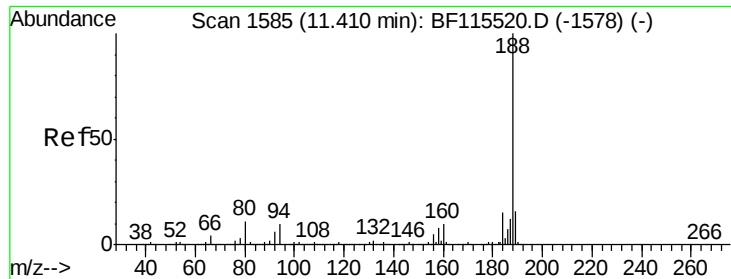
#50
Dimethylphthalate
Concen: 9.715 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Tgt Ion:163 Resp: 209481
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.7 13.1



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

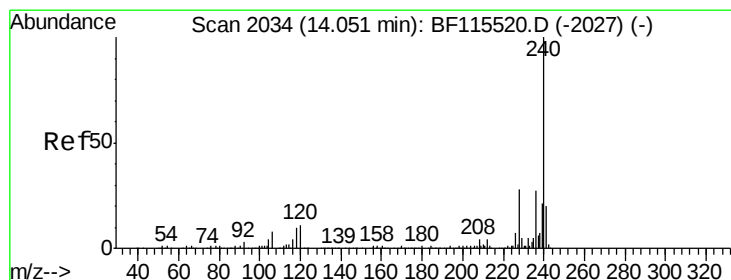
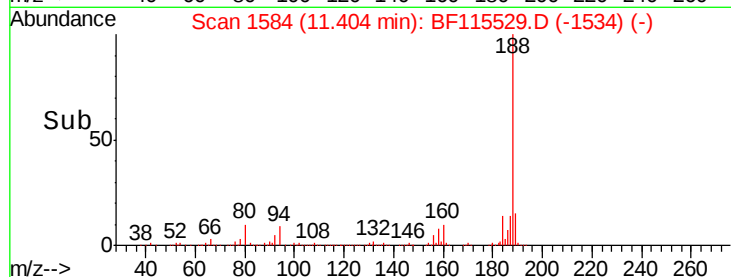
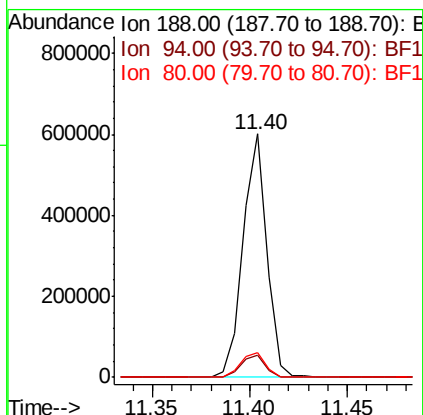
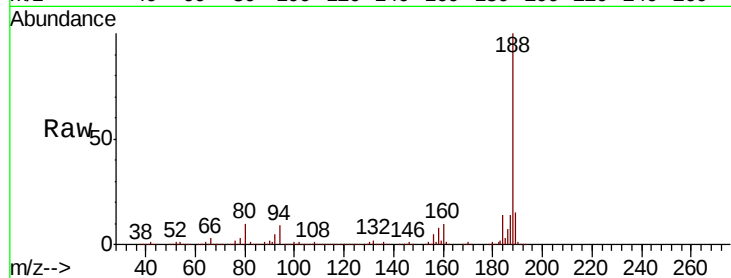




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

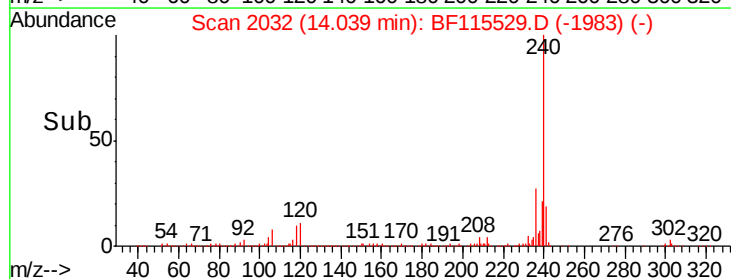
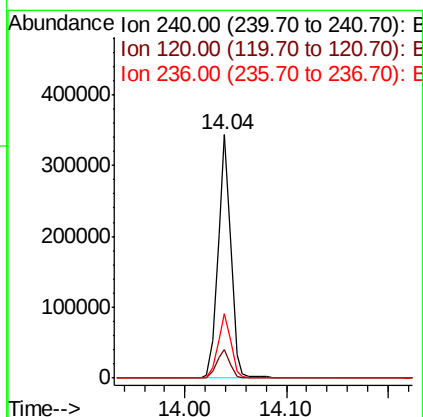
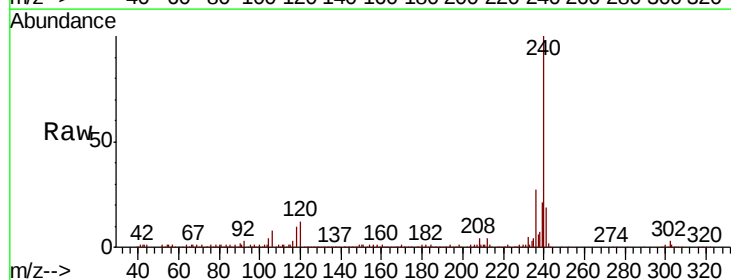
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SOIL-DRUM

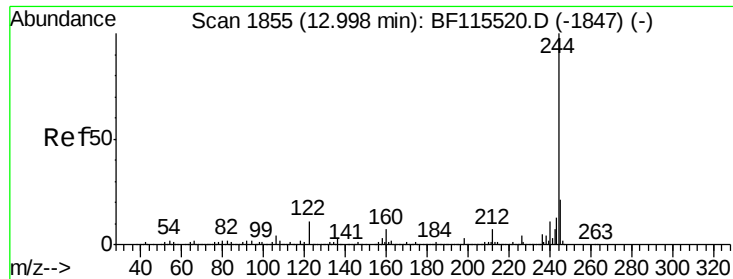
Tot Ion:188 Resp: 507273
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.6
80 10.1 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Tgt Ion:240 Resp: 301511
Ion Ratio Lower Upper
240 100
120 11.6 8.6 13.0
236 26.5 21.3 31.9

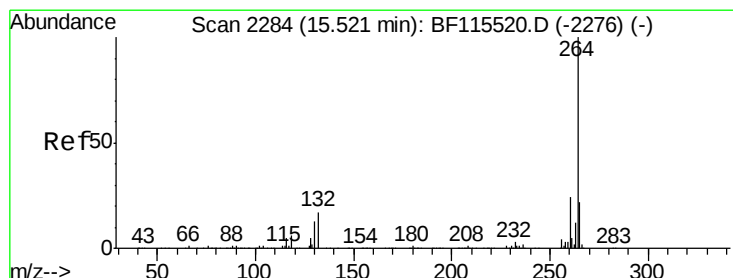
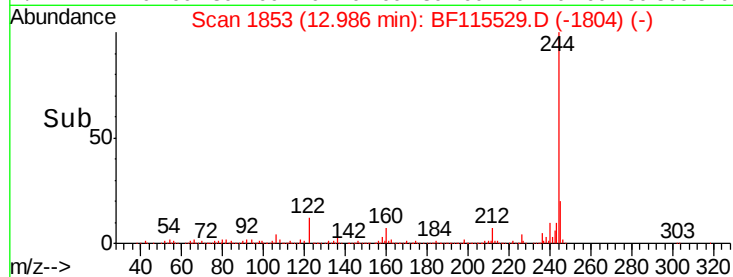
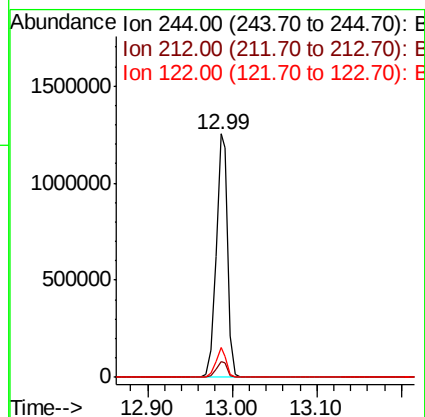
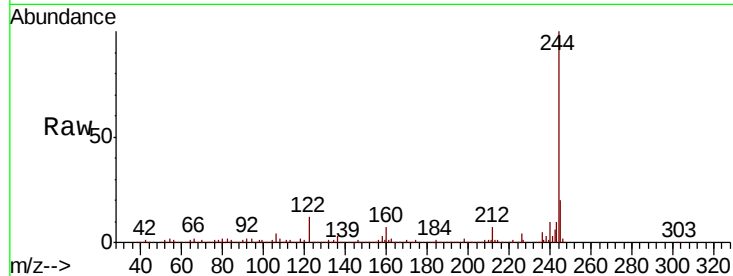




#79
 Terphenyl-d14
 Concen: 75.037 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115529.D
 Acq: 12 Jul 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM

Tot Ion:244 Resp: 1226153
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 12.2 8.6 12.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF115529.D
 Acq: 12 Jul 2019 16:36

Tgt Ion:264 Resp: 369501
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.8
 265 22.1 17.7 26.5

