

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114719.D
 Acq On : 31 May 2019 21:01
 Operator : HP/JU
 Sample : K3037-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-1

Quant Time: Jun 01 01:20:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

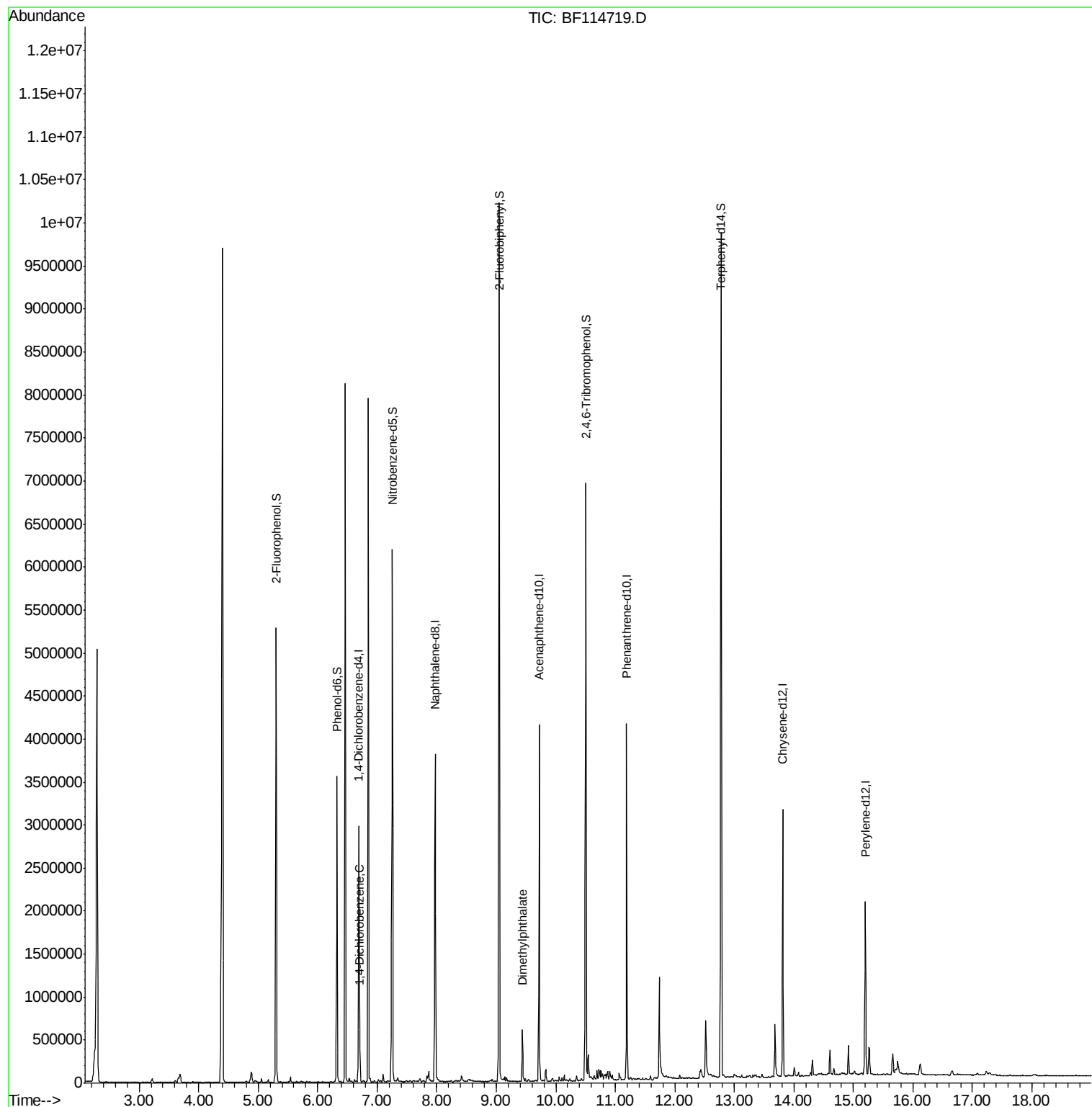
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	454979	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1687002	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	814967	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1479025	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1017804	20.00	ng	0.00
87) Perylene-d12	15.20	264	903956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1547460	59.71	ng	0.01
7) Phenol-d6	6.32	99	1229235	39.36	ng	0.00
23) Nitrobenzene-d5	7.26	82	2339272	86.51	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1002649	129.12	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3793937	88.02	ng	0.00
79) Terphenyl-d14	12.78	244	3839518	70.93	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	6.71	146	71229	2.082	ng	99
50) Dimethylphthalate	9.44	163	218692	3.851	ng	98

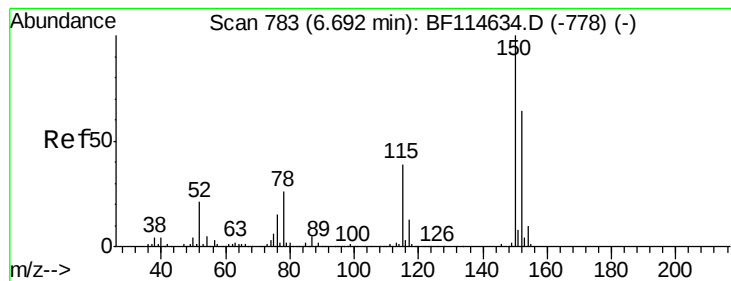
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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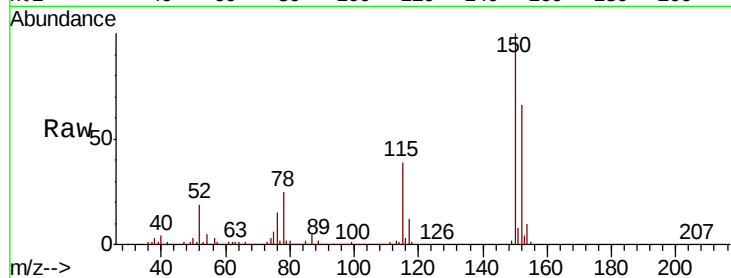


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Instrument :
BNA_F
ClientSampleId :
MW6-R1-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.4	186.6
115	59.2	48.7	73.1

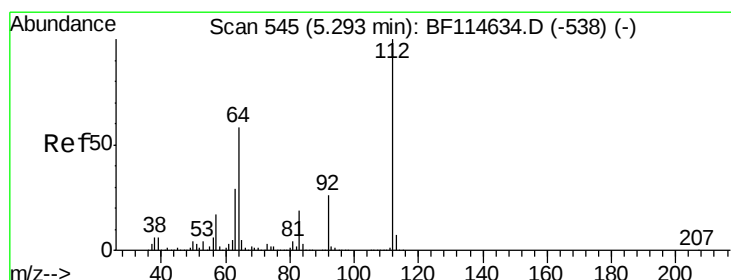
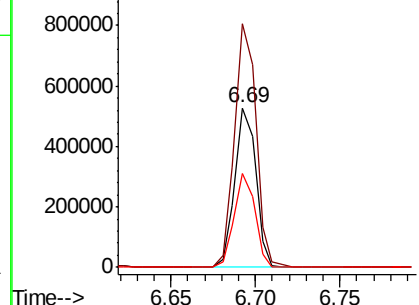
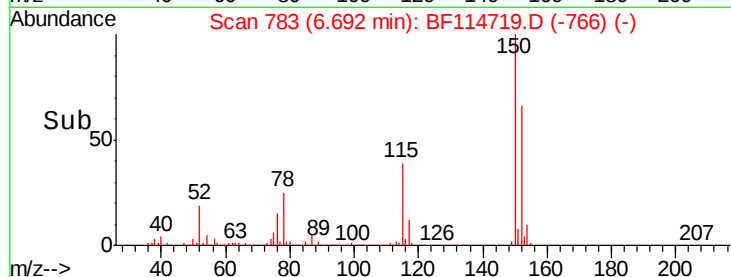


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

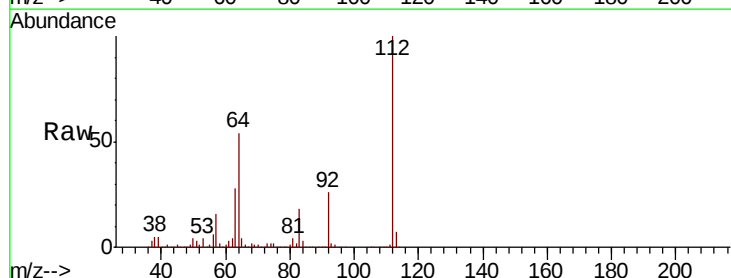
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.715 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.1	69.1
63	28.1	23.4	35.2

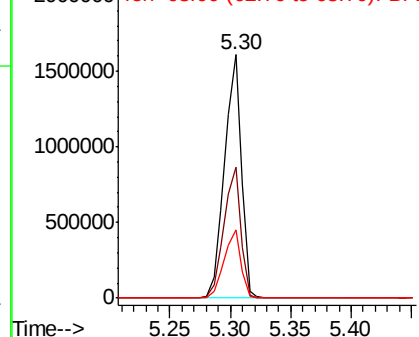
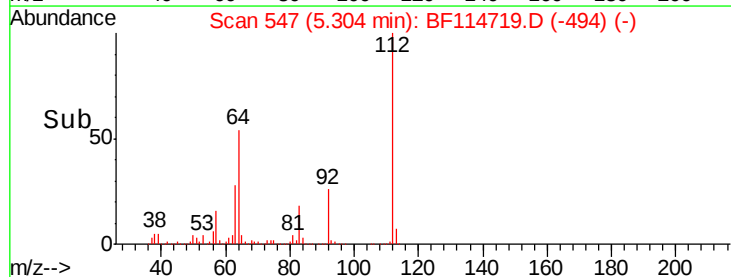


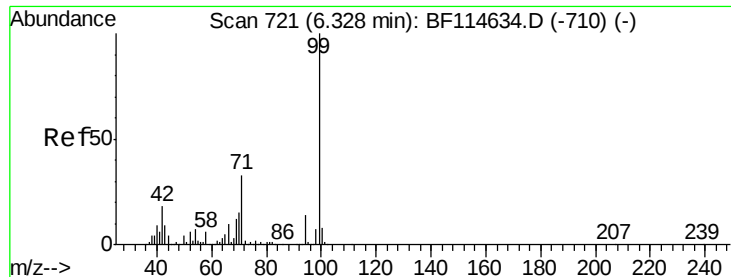
Abundance

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: 39.364 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

MW6-R1-1

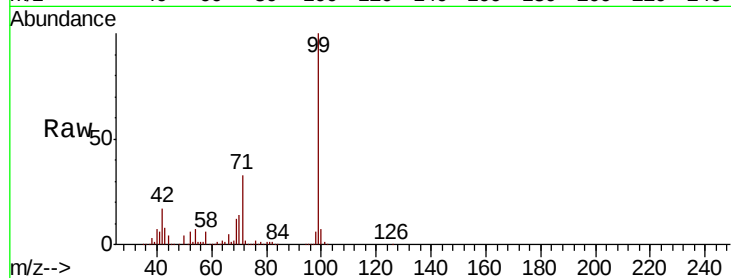
Tot Ion: 99 Resp: 1229235

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

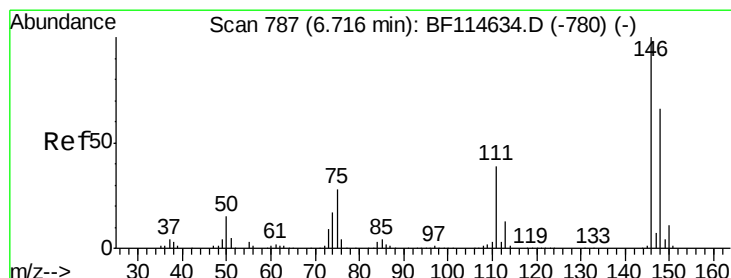
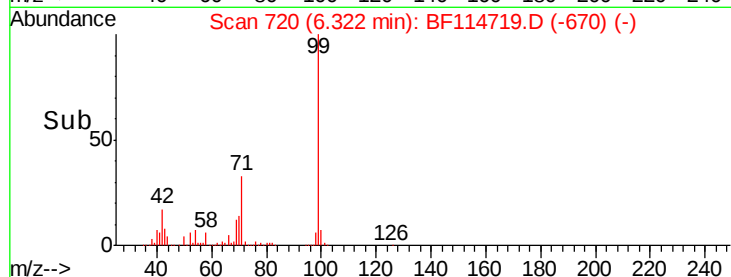
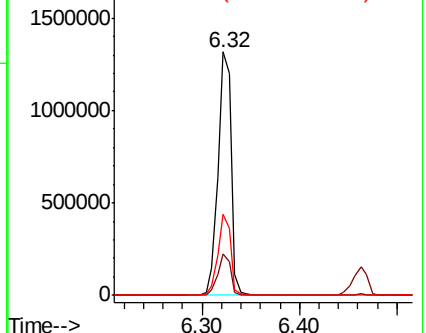
71 33.1 26.6 40.0



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



#13

1,4-Dichlorobenzene

Concen: 2.082 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

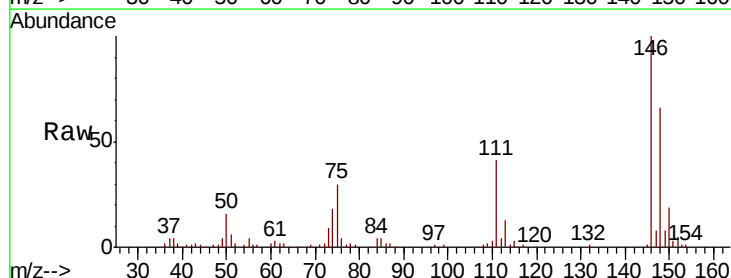
Tgt Ion: 146 Resp: 71229

Ion Ratio Lower Upper

146 100

148 66.0 52.5 78.7

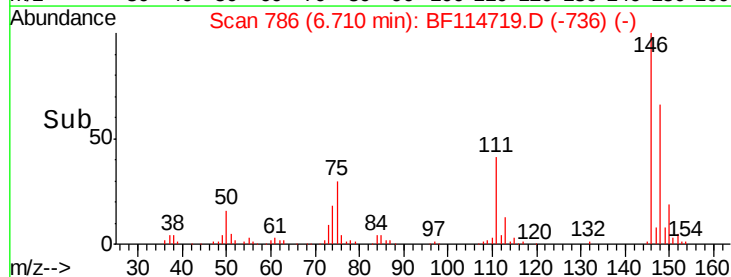
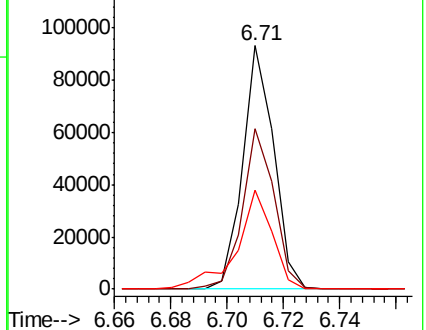
111 40.9 31.4 47.2

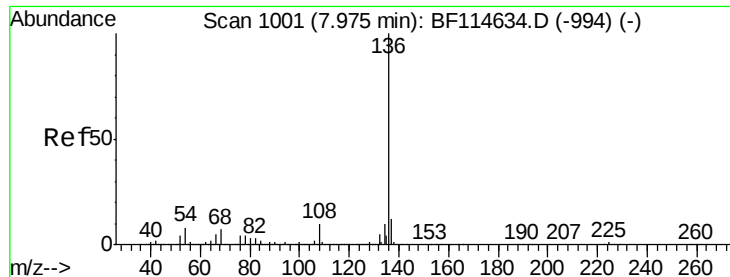


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

MW6-R1-1

Tot Ion:136 Resp: 1687002

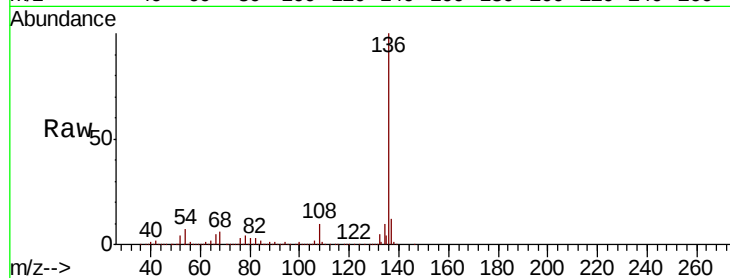
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.1 6.3 9.5

68 5.9 5.4 8.0

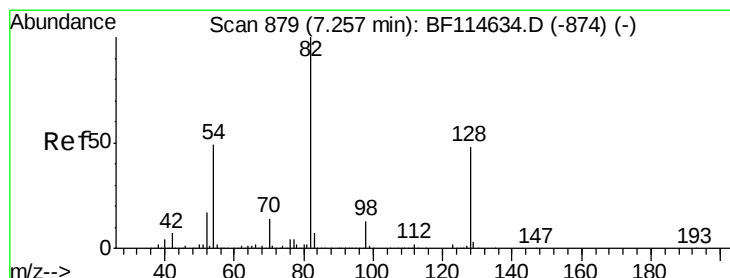
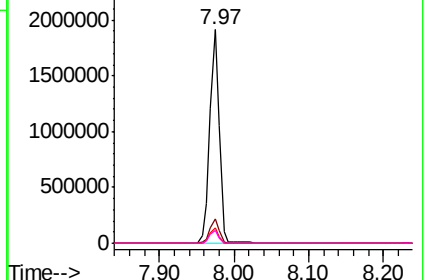
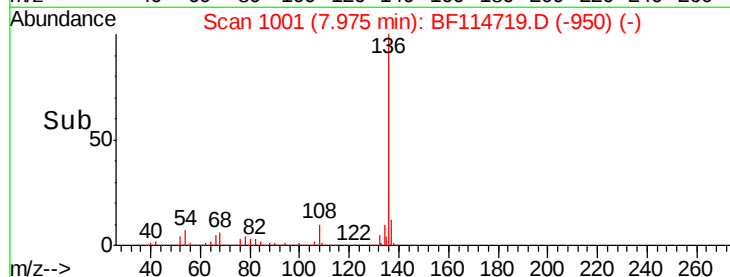


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.512 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

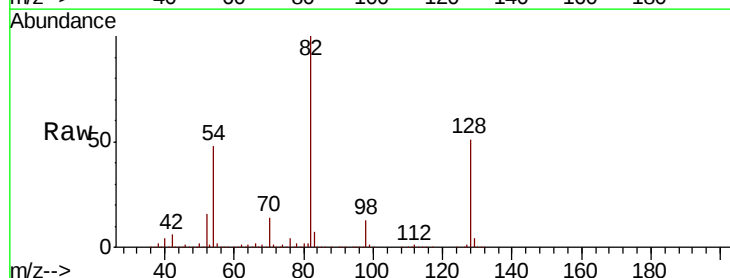
Tgt Ion: 82 Resp: 2339272

Ion Ratio Lower Upper

82 100

128 51.4 38.5 57.7

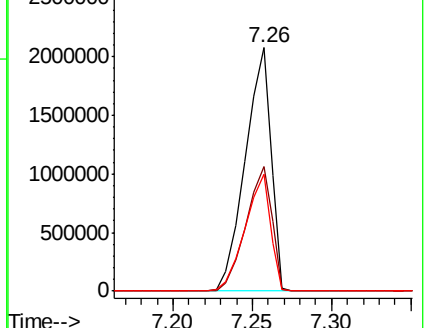
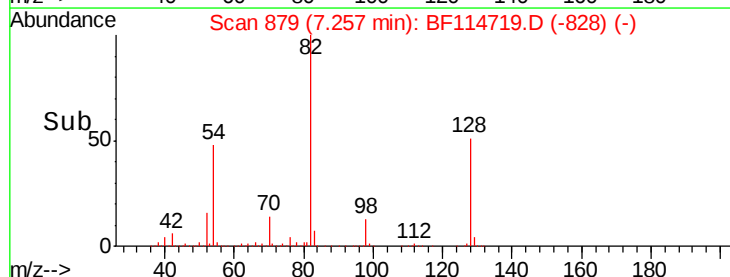
54 48.0 39.1 58.7

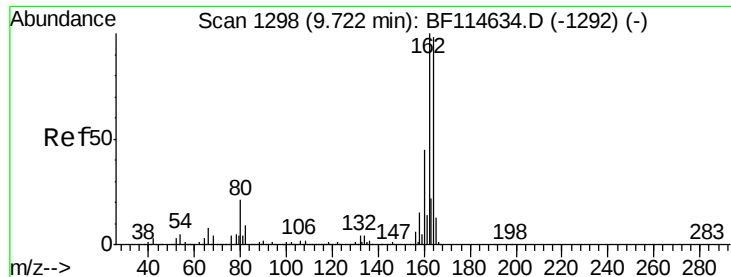


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

MW6-R1-1

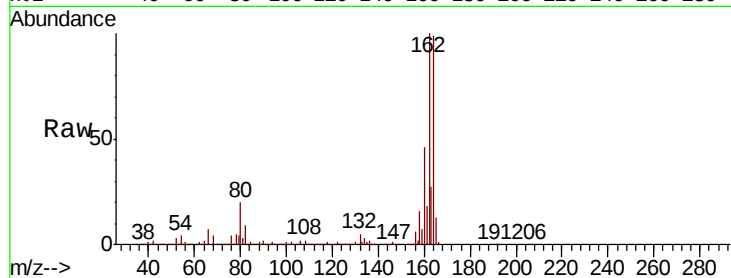
Tot Ion:164 Resp: 814967

Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.2

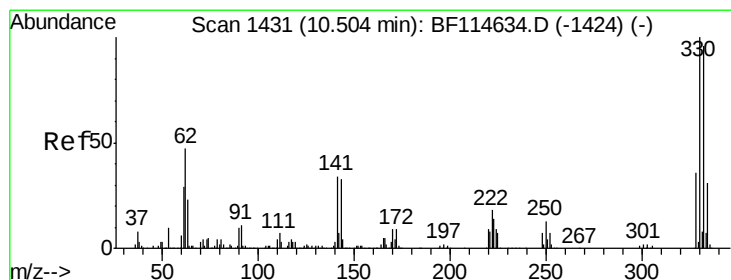
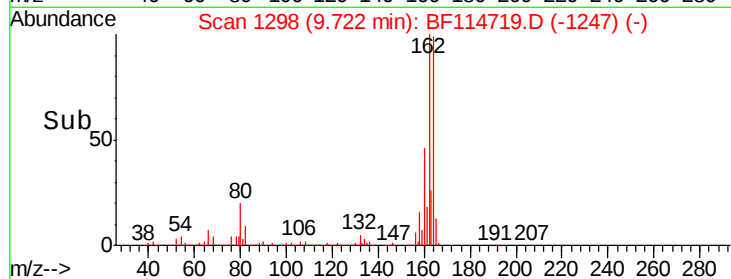
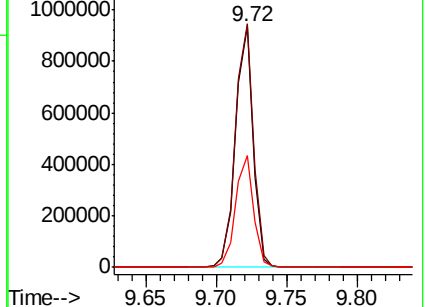
160 46.7 36.6 54.8



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: 129.118 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

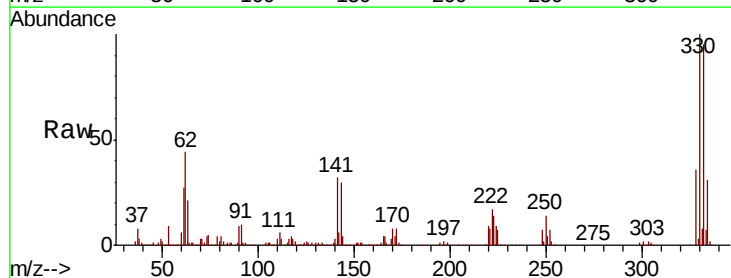
Tgt Ion:330 Resp: 1002649

Ion Ratio Lower Upper

330 100

332 94.4 75.8 113.8

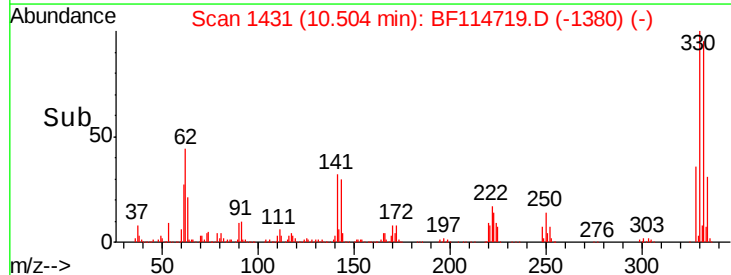
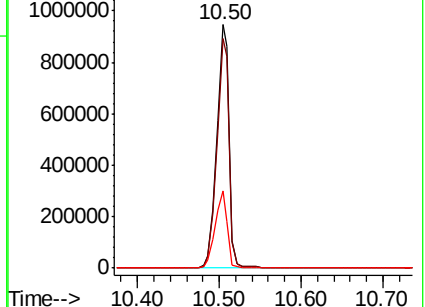
141 31.3 27.8 41.8

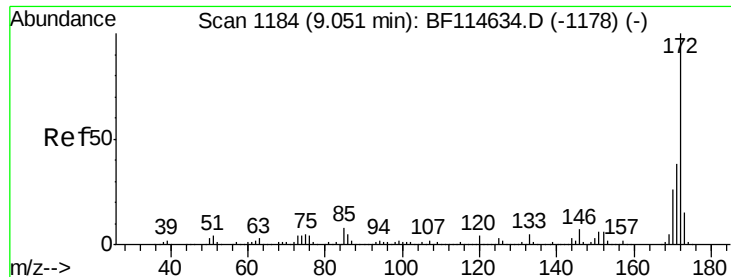


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



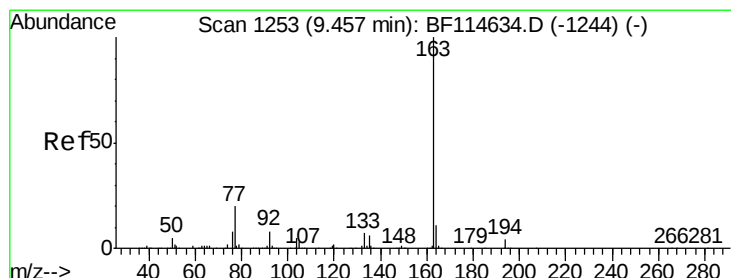
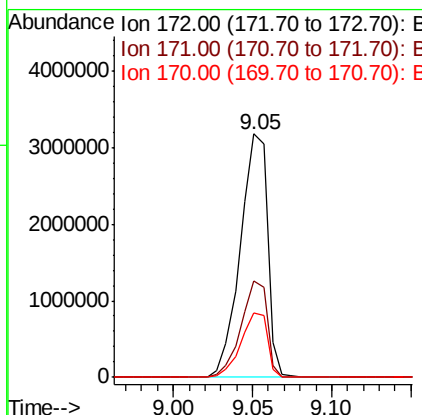
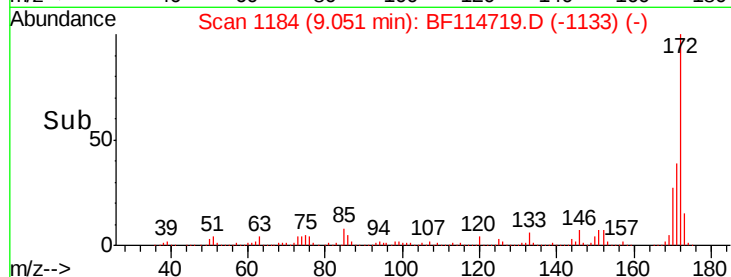
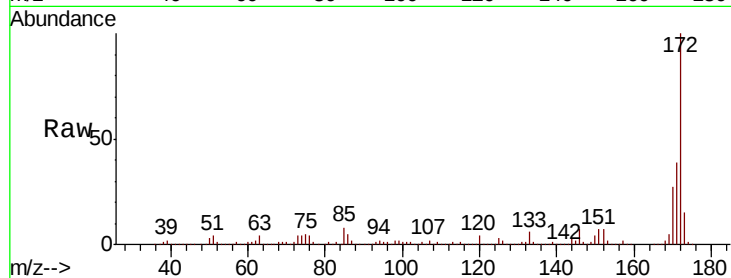


#45
 2-Fluorobiphenyl
 Concen: 88.018 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114719.D
 Acq: 31 May 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-1

Tot Ion:172 Resp: 3793937

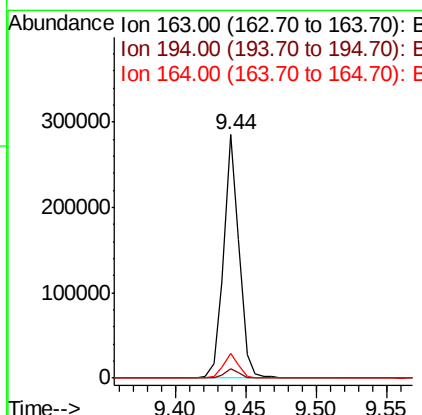
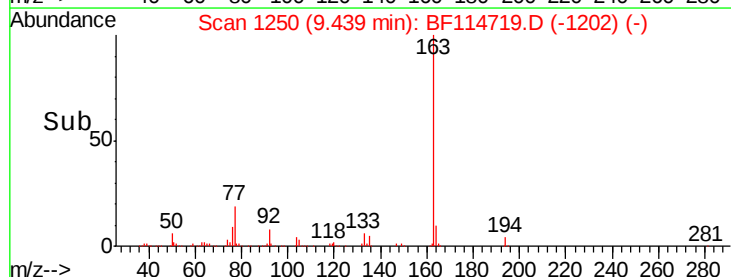
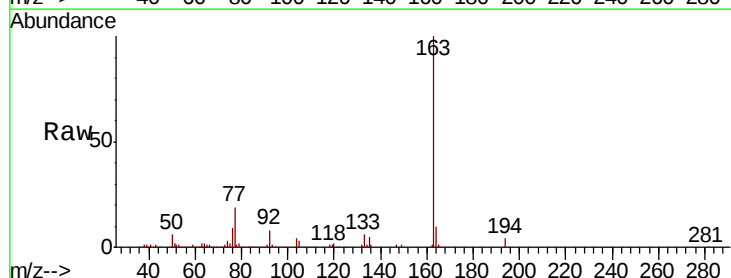
Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.6	45.8
170	26.7	20.7	31.1

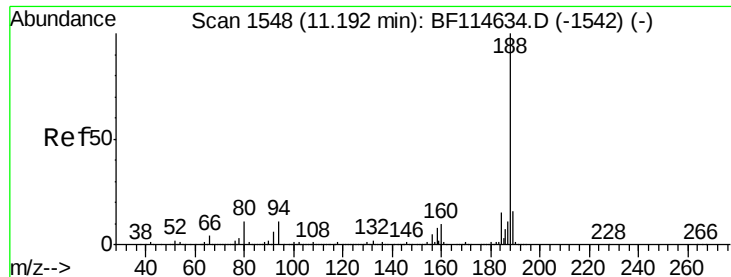


#50
 Dimethylphthalate
 Concen: 3.851 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.02 min
 Lab File: BF114719.D
 Acq: 31 May 2019 21:01

Tgt Ion:163 Resp: 218692

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.1	8.6	13.0

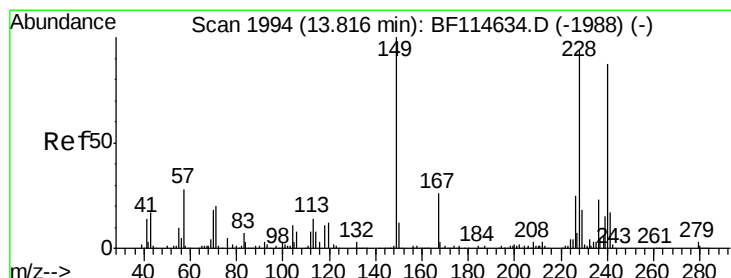
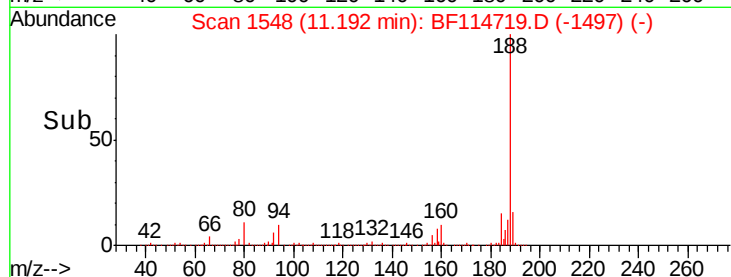
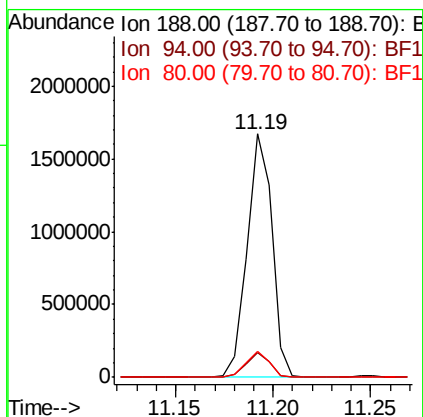
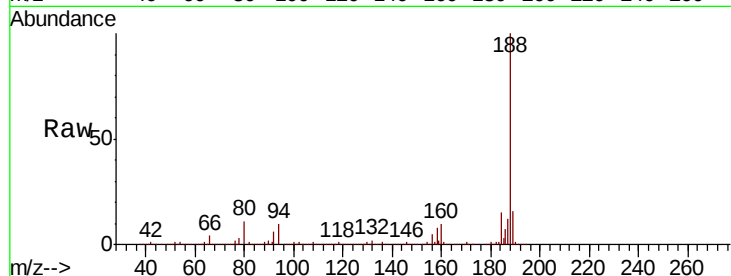




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

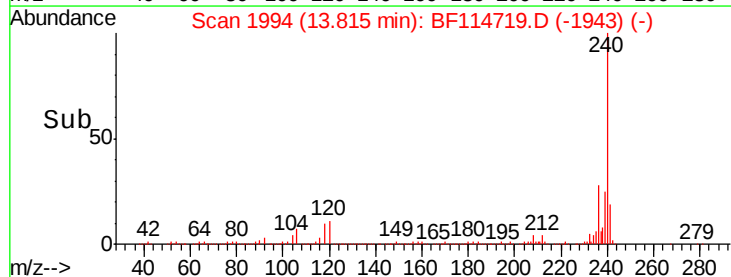
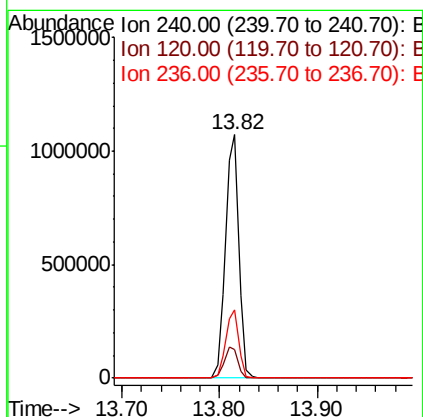
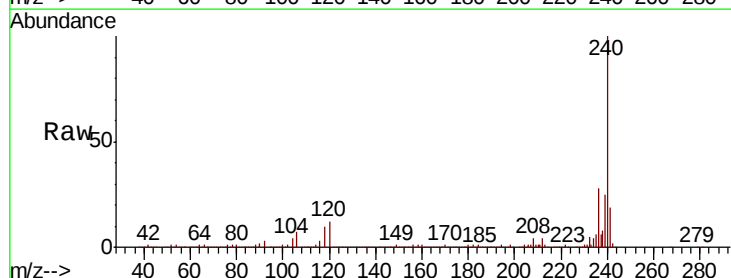
Instrument :
BNA_F
ClientSampleId :
MW6-R1-1

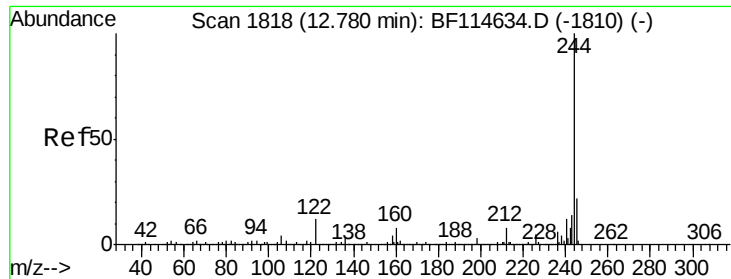
Tot Ion:188 Resp: 1479025
Ion Ratio Lower Upper
188 100
94 10.0 8.6 13.0
80 10.6 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114719.D
Acq: 31 May 2019 21:01

Tgt Ion:240 Resp: 1017804
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 28.0 21.2 31.8





#79

Terphenyl-d14

Concen: 70.926 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

Instrument :

BNA_F

ClientSampleId :

MW6-R1-1

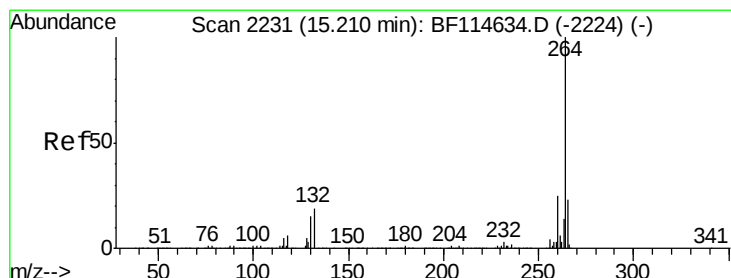
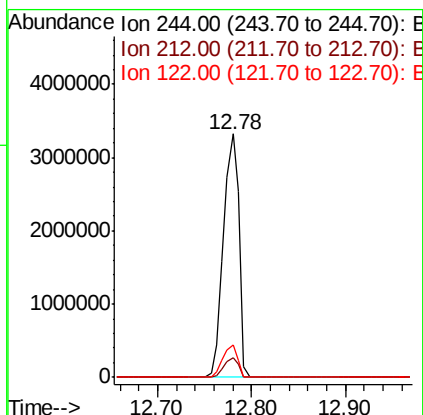
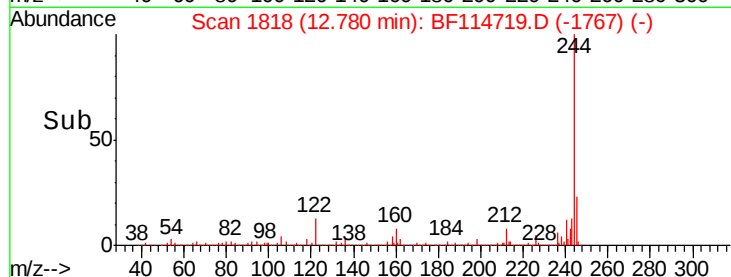
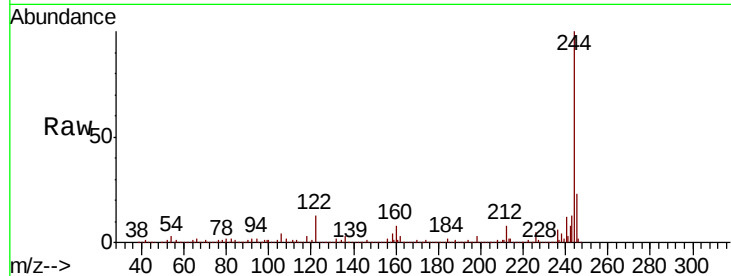
Tot Ion:244 Resp: 3839518

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

122 13.1 9.8 14.8



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114719.D

Acq: 31 May 2019 21:01

Tgt Ion:264 Resp: 903956

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.8 18.1 27.1

