

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113605.D
 Acq On : 5 Apr 2019 1:51
 Operator : JU/SJ
 Sample : K2195-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 03:51:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

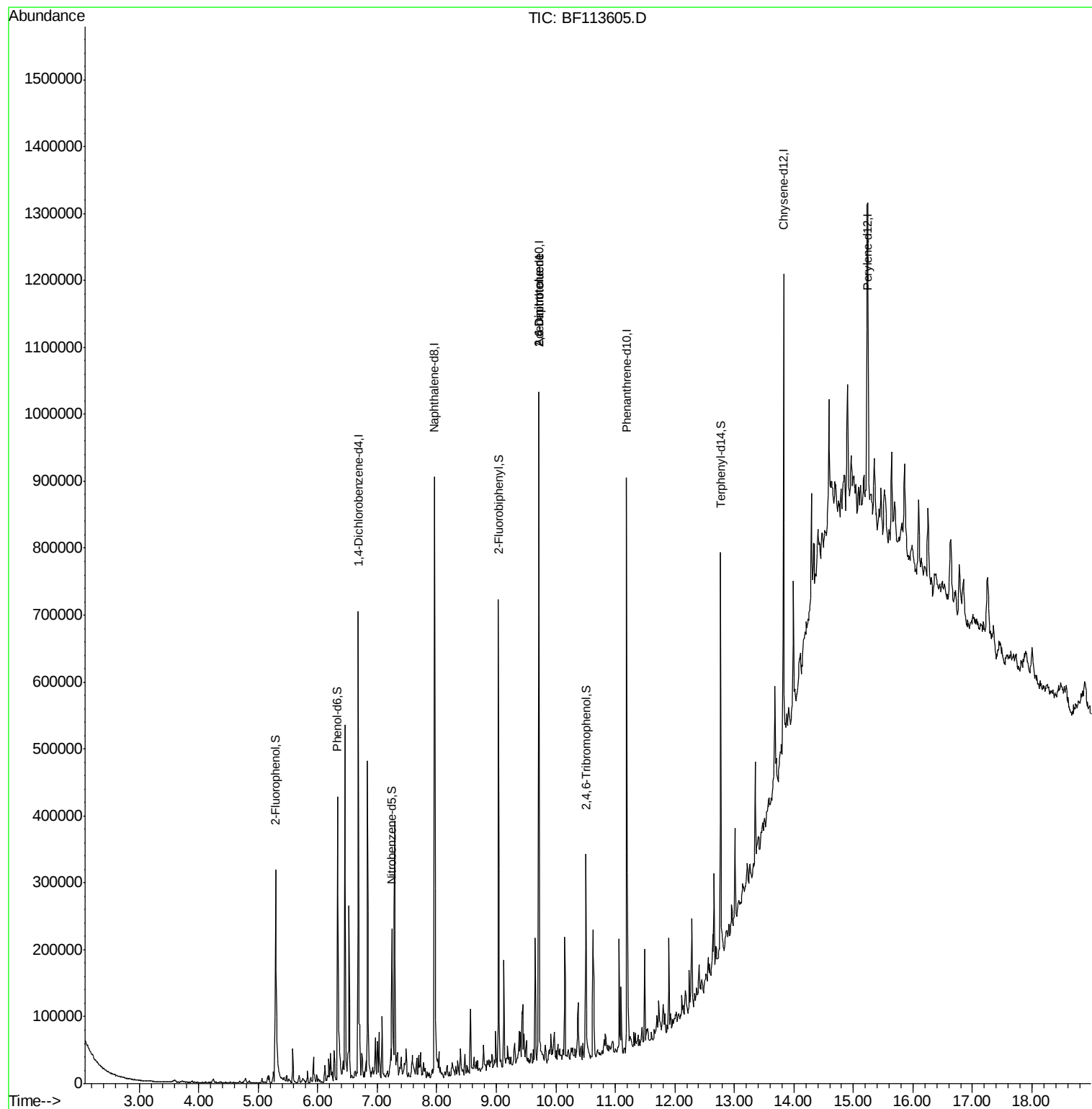
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	120512	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	432521	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	184933	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	354616	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	242017	20.00	ng	-0.02
87) Perylene-d12	15.23	264	187589	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	142567	20.17	ng	0.00
7) Phenol-d6	6.33	99	197485	22.67	ng	0.00
23) Nitrobenzene-d5	7.25	82	85347	11.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	42656	19.20	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	213383	18.58	ng	-0.01
79) Terphenyl-d14	12.77	244	206580	17.38	ng	-0.02
Target Compounds						
51) 2,6-Dinitrotoluene	9.72	165	25775	8.578	ng	# 27
57) 2,4-Dinitrotoluene	9.72	165	25775	7.092	ng	# 23

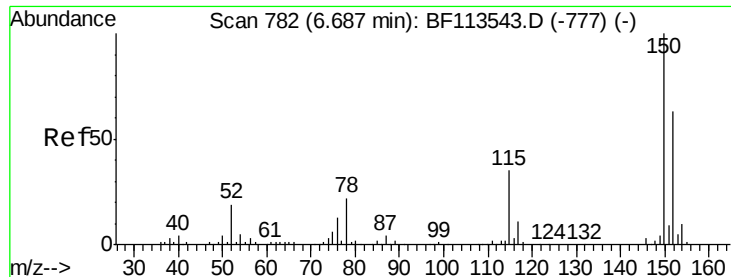
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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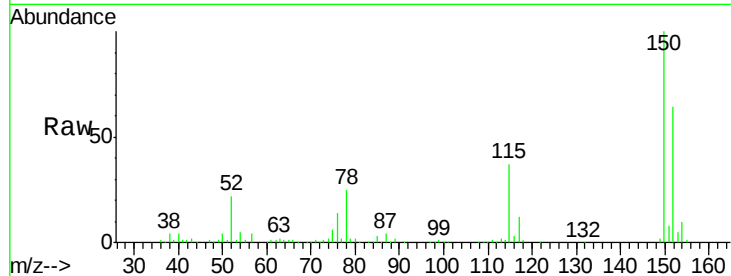


#1

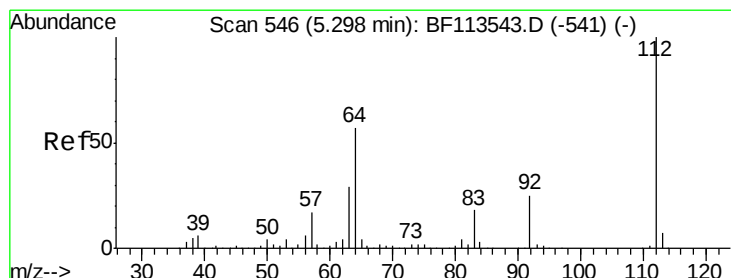
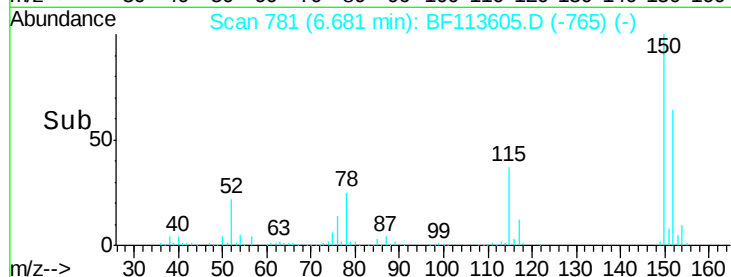
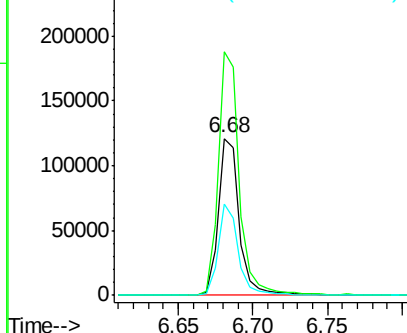
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113605.D
Acq: 5 Apr 2019 1:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120512
Ion Ratio Lower Upper
152 100
150 155.1 124.7 187.1
115 57.9 46.0 69.0



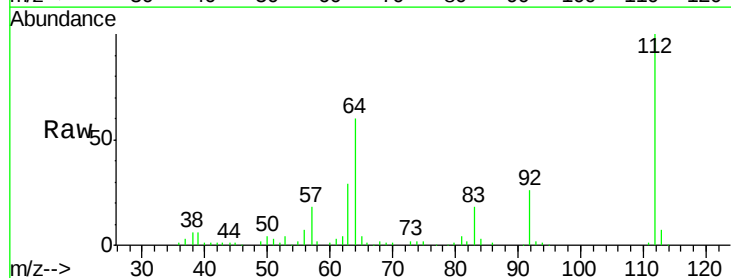
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



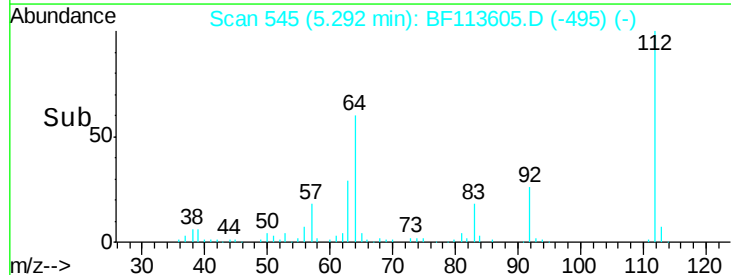
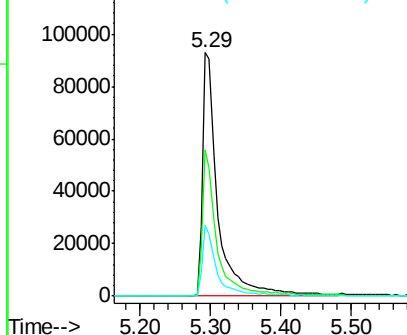
#5

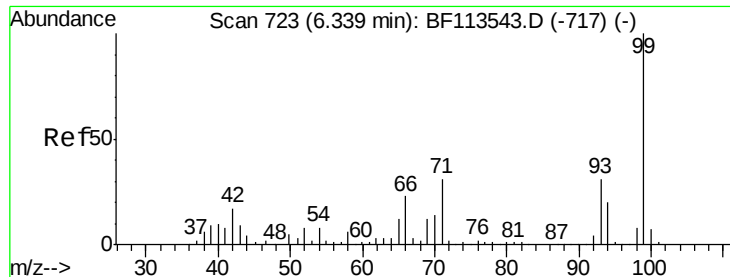
2-Fluorophenol
Concen: 20.173 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113605.D
Acq: 5 Apr 2019 1:51

Tgt Ion:112 Resp: 142567
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 29.0 24.9 37.3



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: 22.672 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113605.D

Acq: 5 Apr 2019 1:51

Instrument :

BNA_F

ClientSampleId :

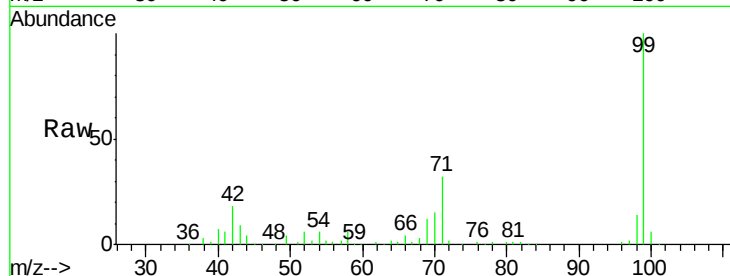
Tot Ion: 99 Resp: 197485

Ion Ratio Lower Upper

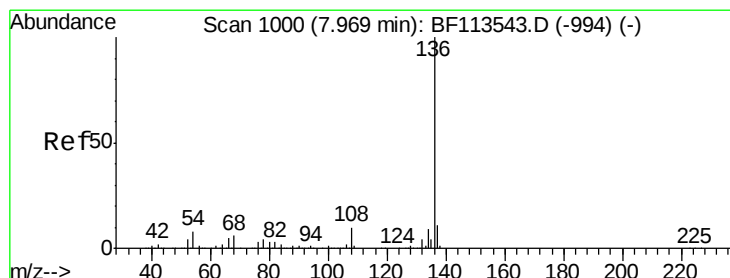
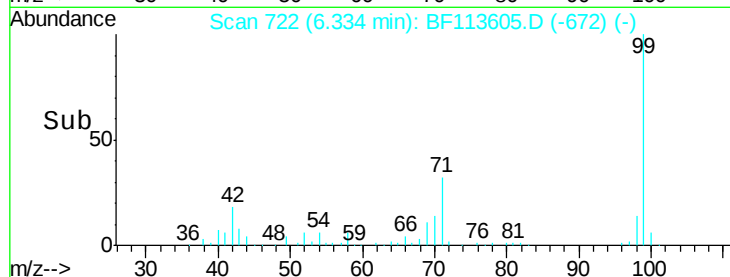
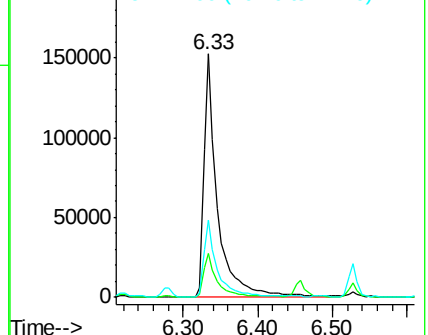
99 100

42 17.9 14.8 22.2

71 31.8 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113605.D

Acq: 5 Apr 2019 1:51

Tgt Ion: 136 Resp: 432521

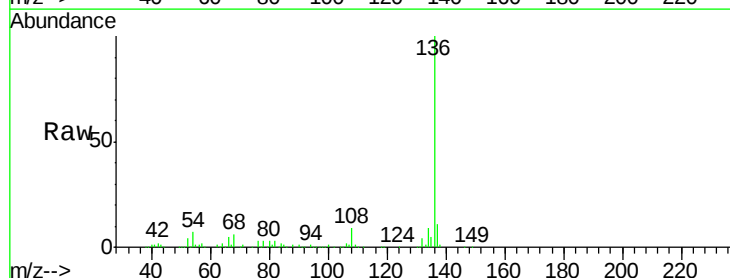
Ion Ratio Lower Upper

136 100

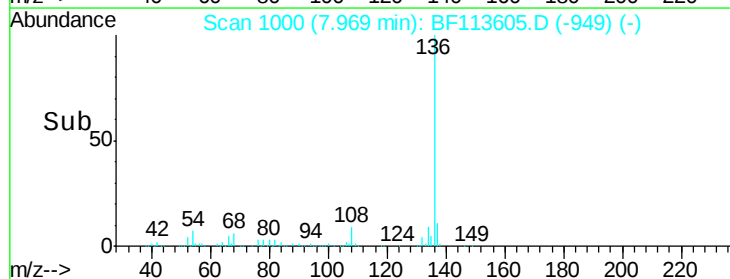
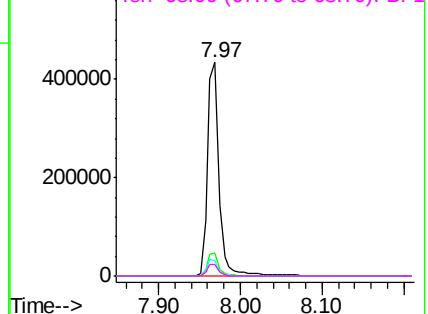
137 10.8 8.9 13.3

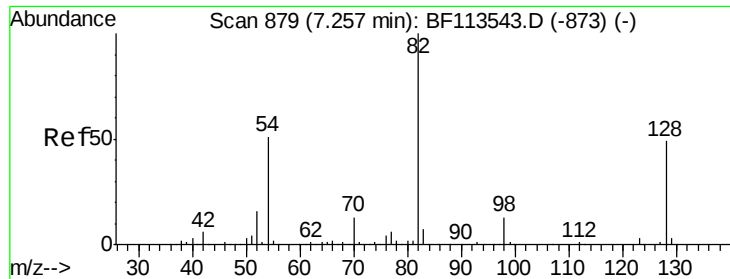
54 7.0 7.0 10.6#

68 5.6 4.8 7.2



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

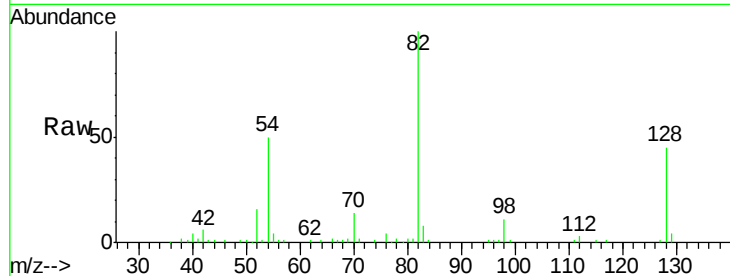




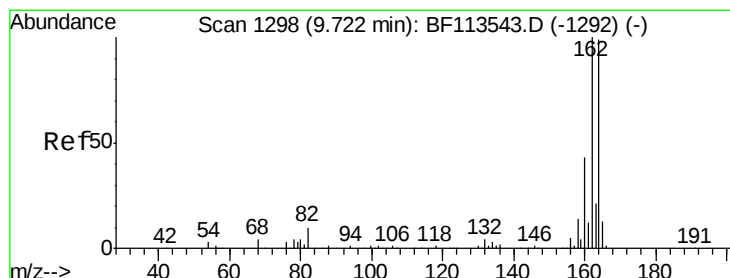
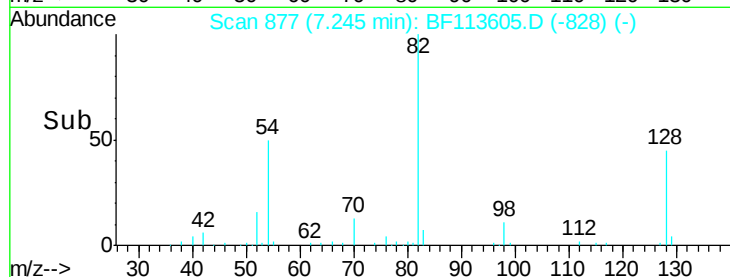
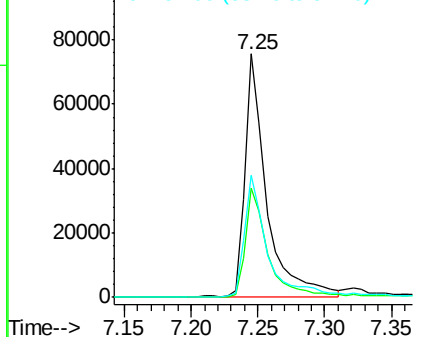
#23
 Nitrobenzene-d5
 Concen: 11.558 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113605.D
 Acq: 5 Apr 2019 1:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 85347
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.5 54.7
 54 50.1 42.2 63.2

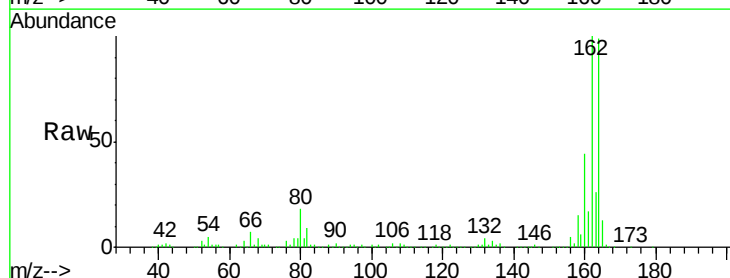


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

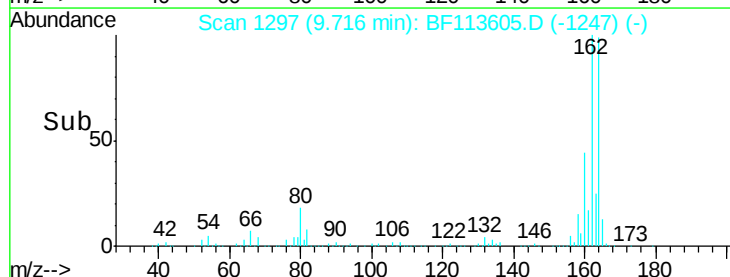
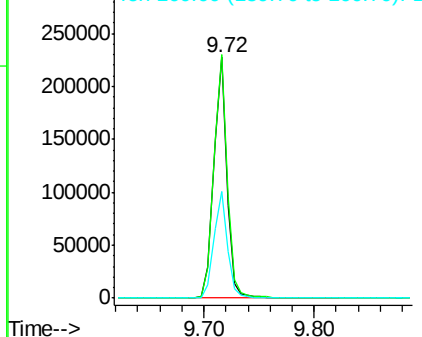


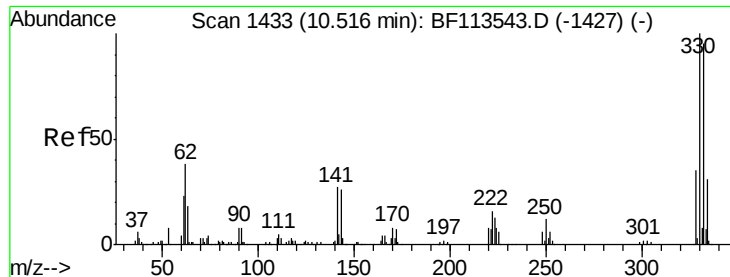
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113605.D
 Acq: 5 Apr 2019 1:51

Tgt Ion:164 Resp: 184933
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.8 122.6
 160 44.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

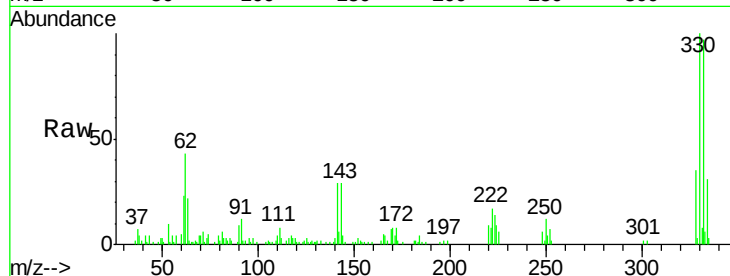




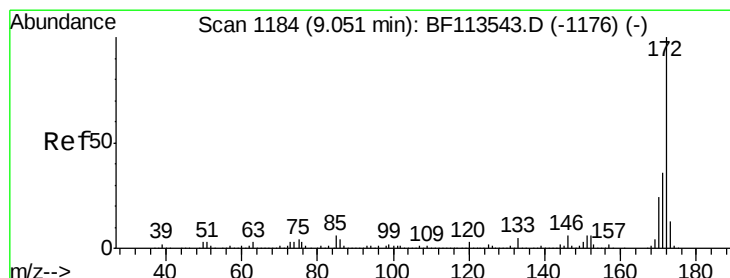
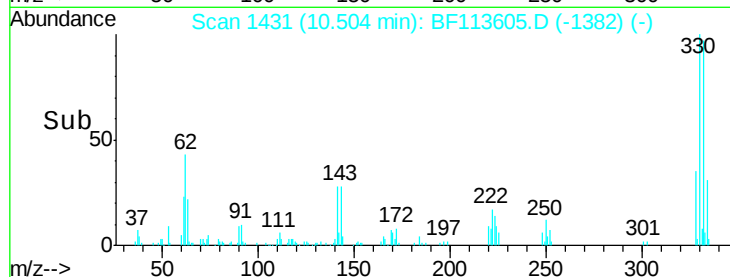
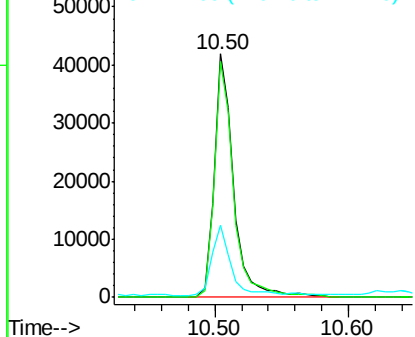
#42
 2,4,6-Tribromophenol
 Concen: 19.201 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113605.D
 Acq: 5 Apr 2019 1:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 42656
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.8 116.6
 141 29.1 22.7 34.1

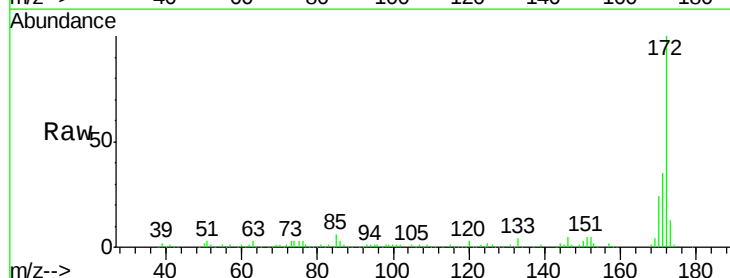


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

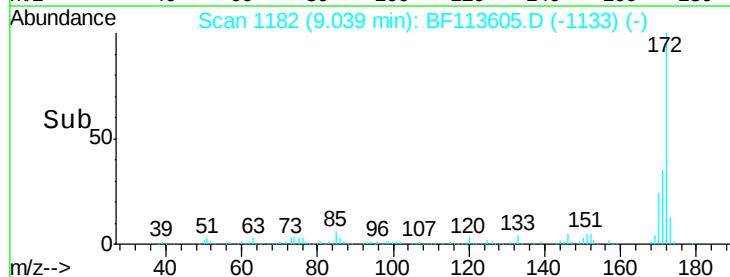
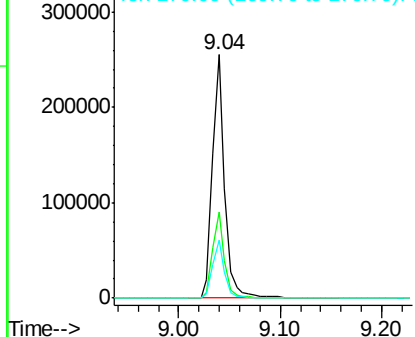


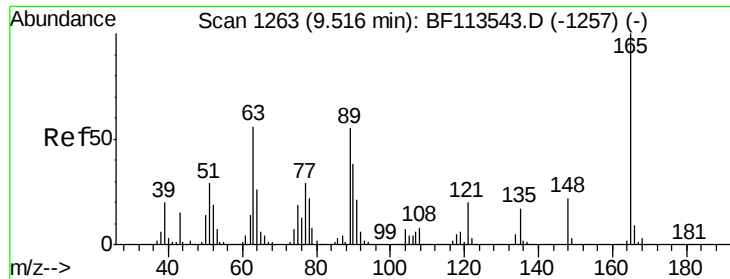
#45
 2-Fluorobiphenyl
 Concen: 18.576 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113605.D
 Acq: 5 Apr 2019 1:51

Tgt Ion:172 Resp: 213383
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 23.9 19.5 29.3



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





#51

2,6-Dinitrotoluene

Concen: 8.578 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.20 min

Lab File: BF113605.D

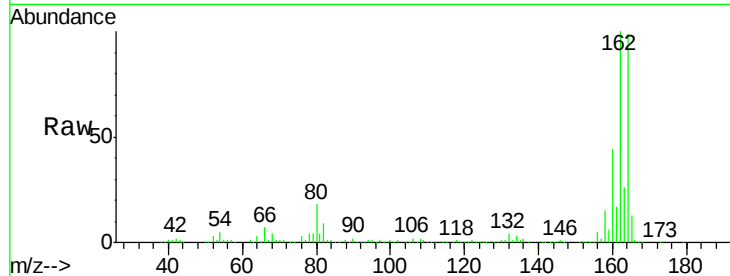
Acq: 5 Apr 2019 1:51

Instrument :

BNA_F

ClientSampleId :

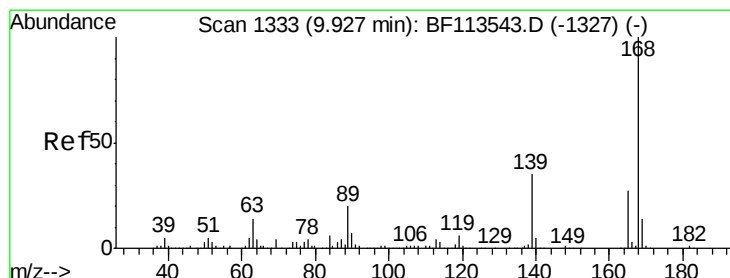
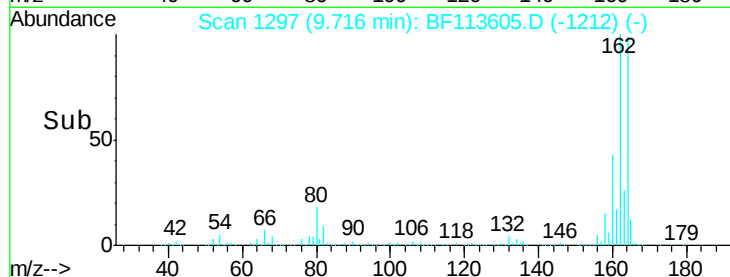
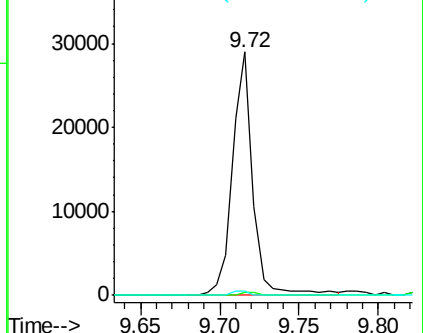
Tot Ion:165	Resp:	25775
Ion Ratio	Lower	Upper
165	100	
63	1.3	43.4 65.0#
89	1.6	43.1 64.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 7.092 ng

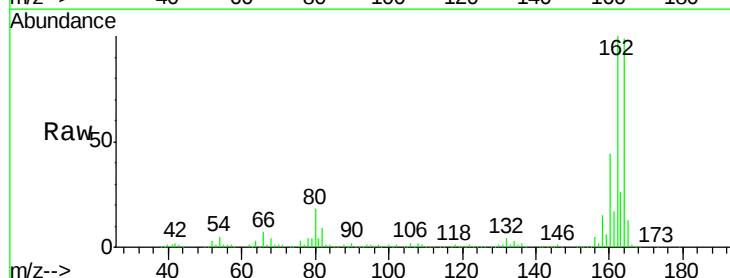
RT: 9.72 min Scan# 1297

Delta R.T. -0.21 min

Lab File: BF113605.D

Acq: 5 Apr 2019 1:51

Tgt Ion:165	Resp:	25775
Ion Ratio	Lower	Upper
165	100	
63	1.3	37.5 56.3#
89	1.6	57.4 86.2#
182	0.0	2.0 3.0#

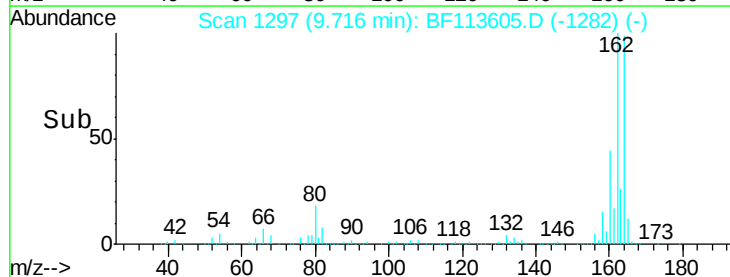
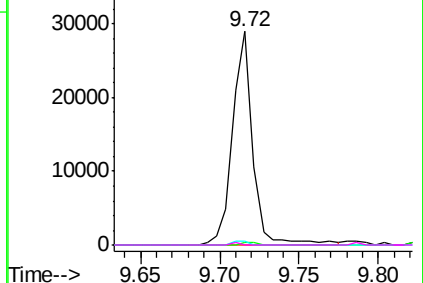


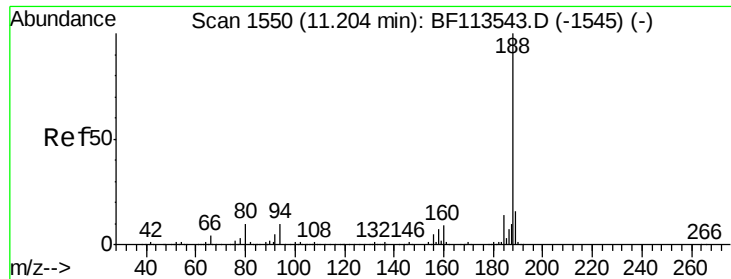
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

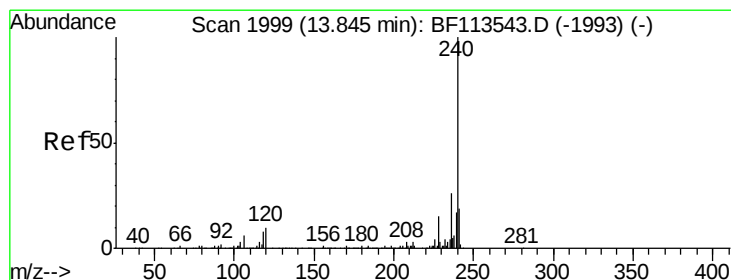
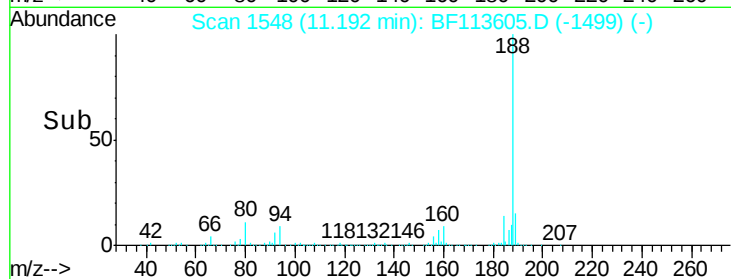
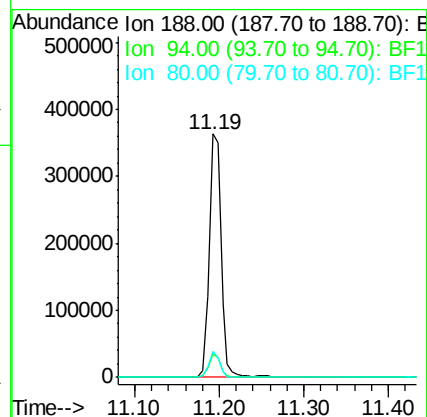
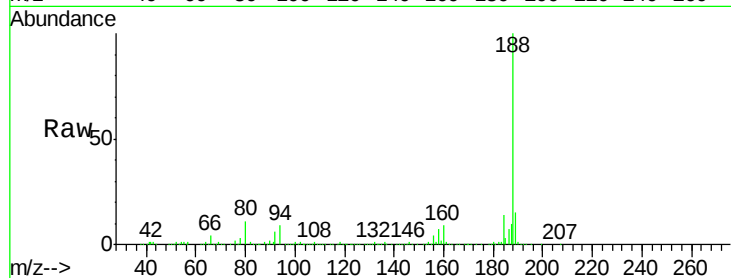




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113605.D
Acq: 5 Apr 2019 1:51

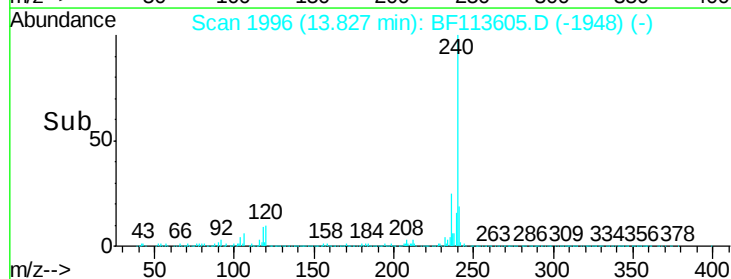
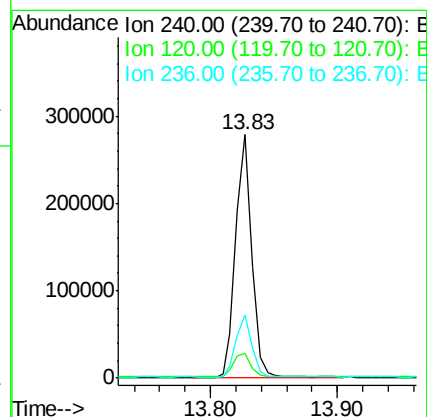
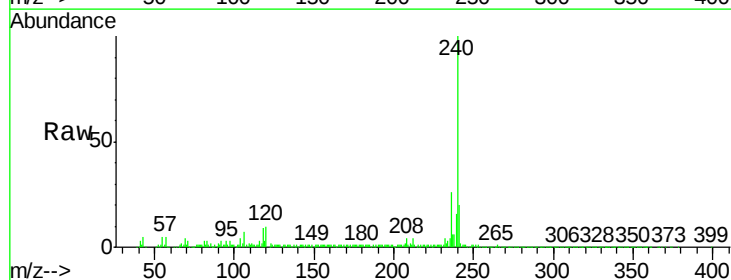
Instrument :
BNA_F
ClientSampleId :

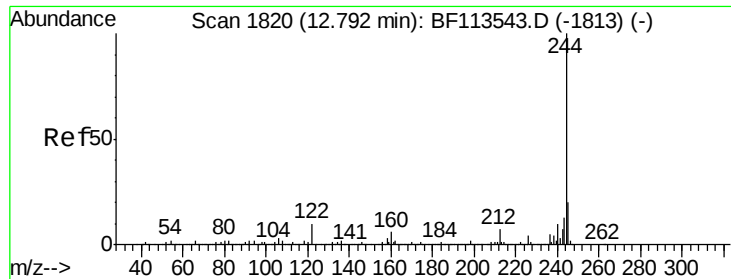
Tot Ion:188 Resp: 354616
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113605.D
Acq: 5 Apr 2019 1:51

Tgt Ion:240 Resp: 242017
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 17.379 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113605.D

Acq: 5 Apr 2019 1:51

Instrument :

BNA_F

ClientSampleId :

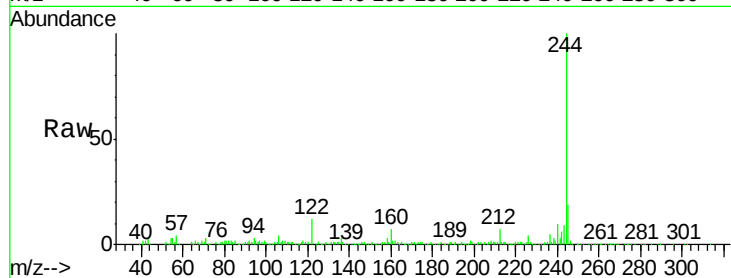
Tot Ion:244 Resp: 206580

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

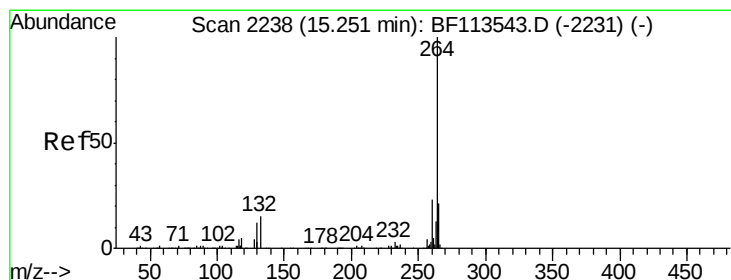
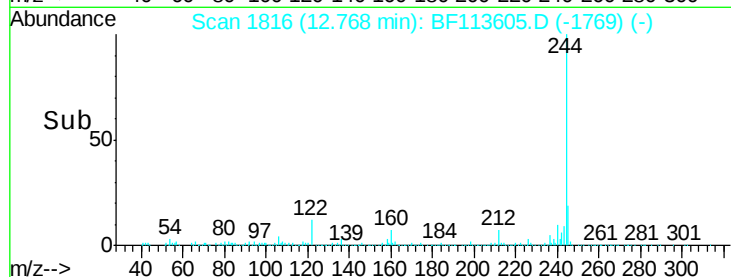
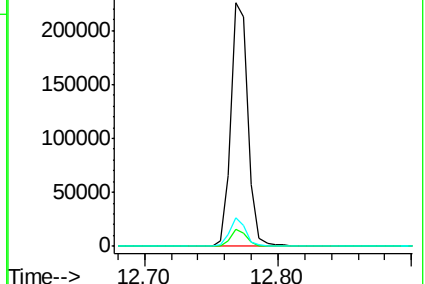
122 11.7 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113605.D

Acq: 5 Apr 2019 1:51

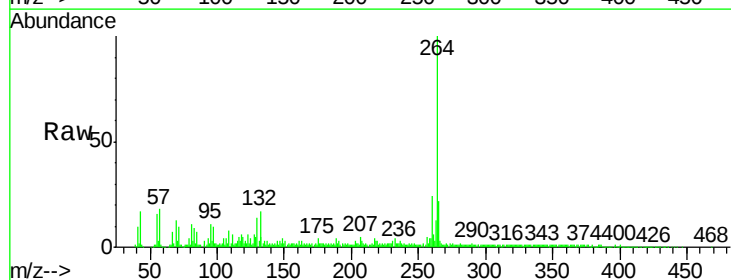
Tgt Ion:264 Resp: 187589

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.4 17.1 25.7



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

