

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111959.D
 Acq On : 9 Jan 2019 19:43
 Operator : JU/SJ
 Sample : K1074-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-6

Quant Time: Jan 10 03:04:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

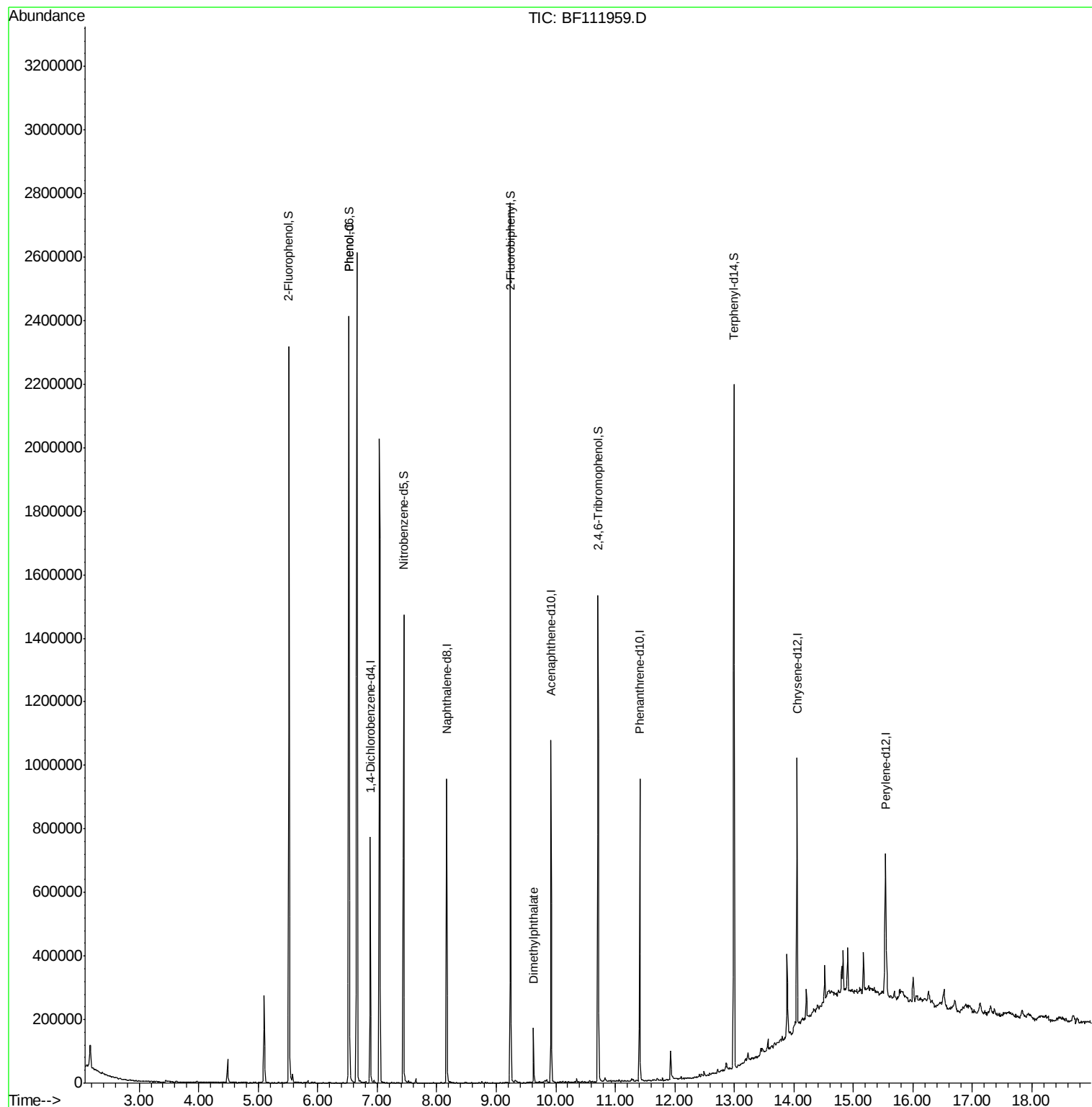
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119134	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	427050	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	196510	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	335805	20.00	ng	0.00
76) Chrysene-d12	14.05	240	281503	20.00	ng	0.00
87) Perylene-d12	15.54	264	205837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	646998	92.91	ng	0.00
7) Phenol-d6	6.53	99	807549	89.98	ng	0.00
23) Nitrobenzene-d5	7.45	82	497637	62.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	182779	71.51	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	803368	59.61	ng	-0.01
79) Terphenyl-d14	12.99	244	690127	46.54	ng	0.00
Target Compounds						
10) Phenol	6.53	94	28327	2.904	ng	91
50) Dimethylphthalate	9.63	163	64732	4.385	ng	98

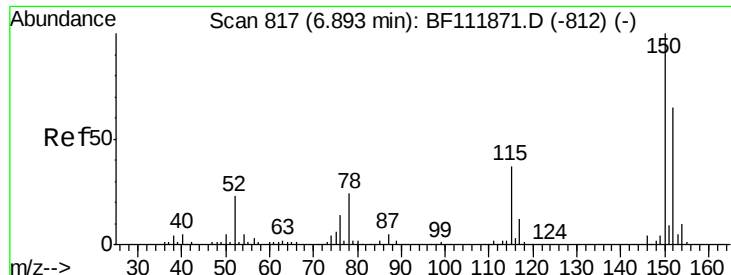
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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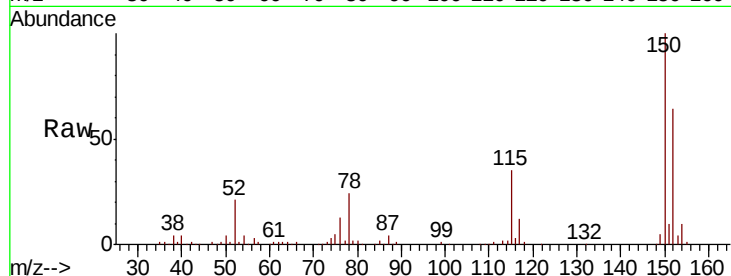


#1

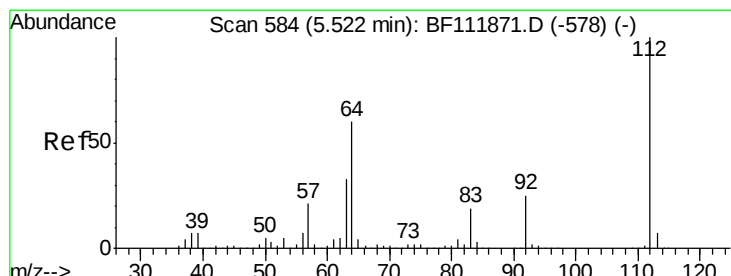
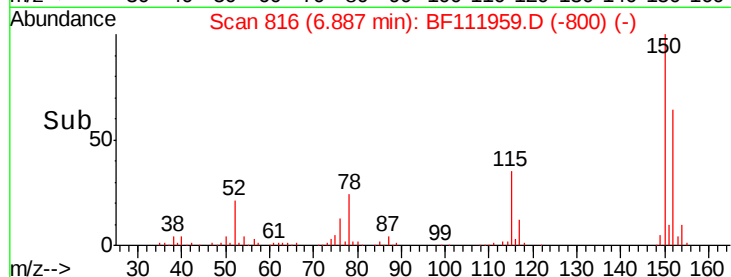
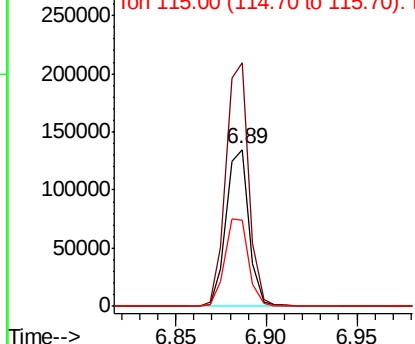
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111959.D
 Acq: 9 Jan 2019 19:43

Instrument :
 BNA_F
 ClientSampleId :
 W12-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.7	184.1
115	55.1	45.2	67.8



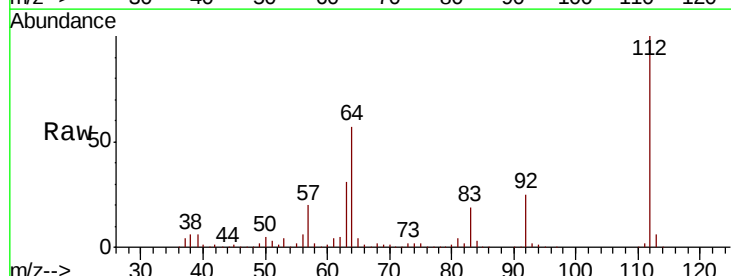
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



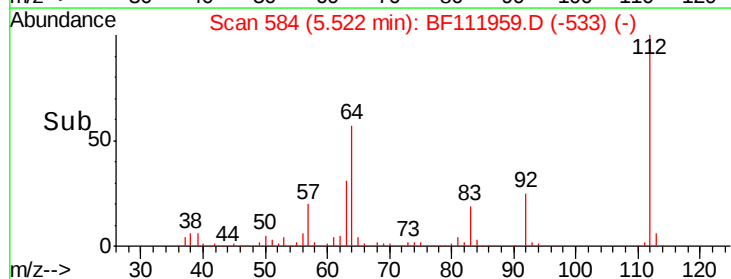
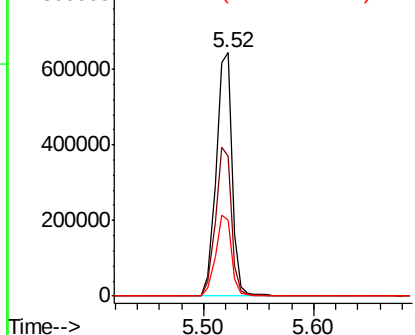
#5

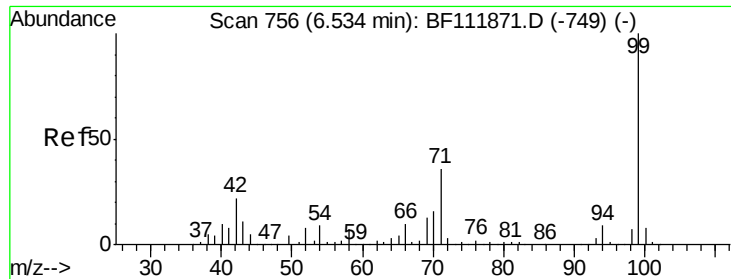
2-Fluorophenol
 Concen: 92.912 ng
 RT: 5.52 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF111959.D
 Acq: 9 Jan 2019 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	48.3	72.5
63	31.4	26.1	39.1



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: 89.975 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

W12-6

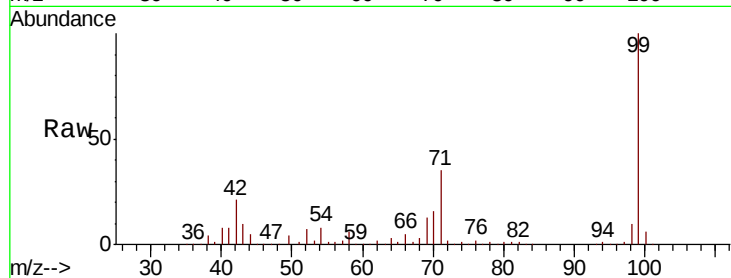
Tot Ion: 99 Resp: 807549

Ion Ratio Lower Upper

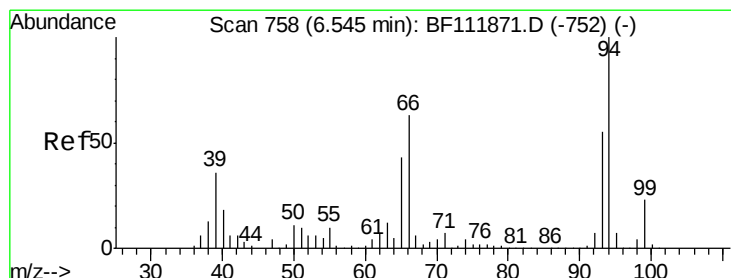
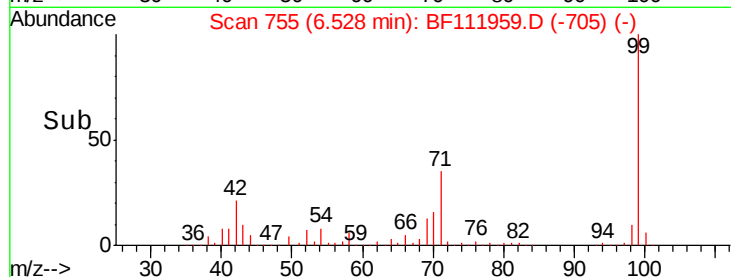
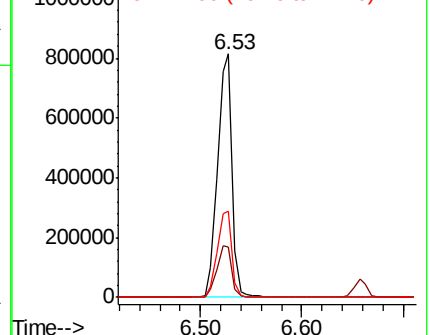
99 100

42 20.8 17.9 26.9

71 35.4 28.7 43.1



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: 2.904 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

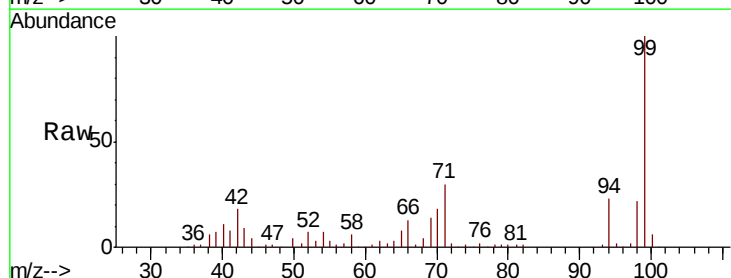
Tgt Ion: 94 Resp: 28327

Ion Ratio Lower Upper

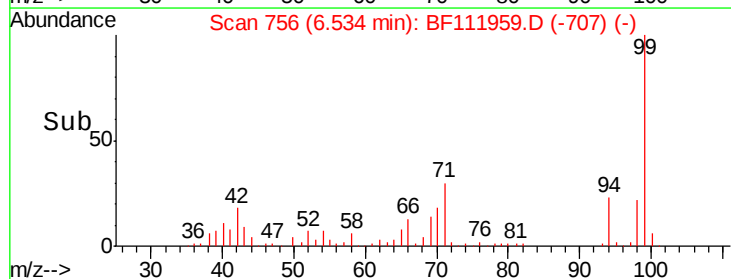
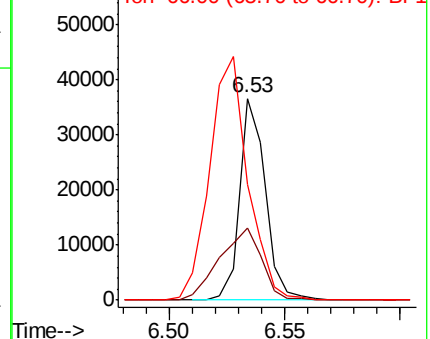
94 100

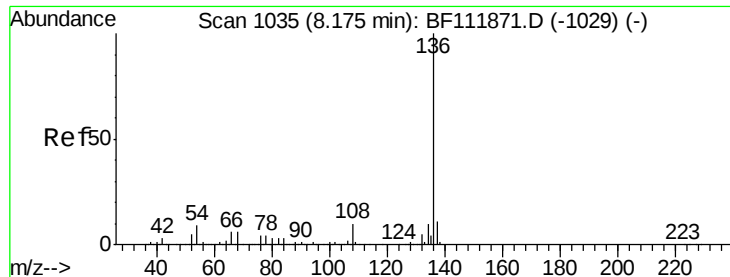
65 35.7 22.8 62.8

66 57.1 43.3 83.3



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

W12-6

Tot Ion:136 Resp: 427050

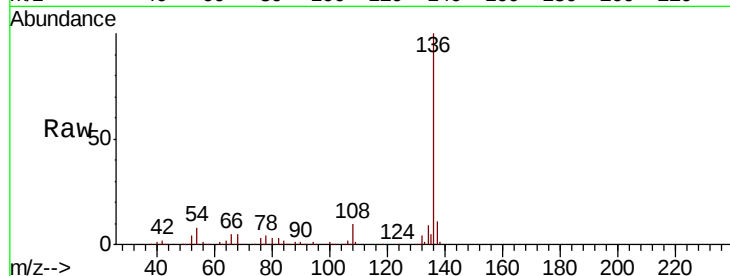
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.9 7.2 10.8

68 4.9 4.4 6.6

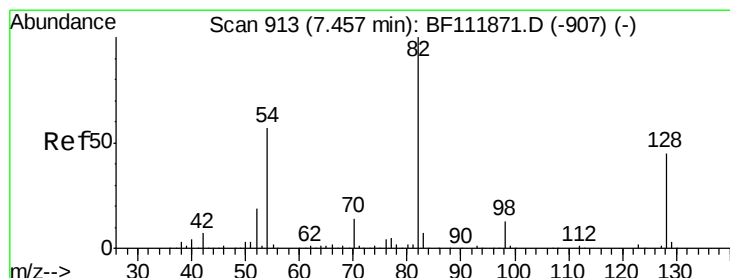
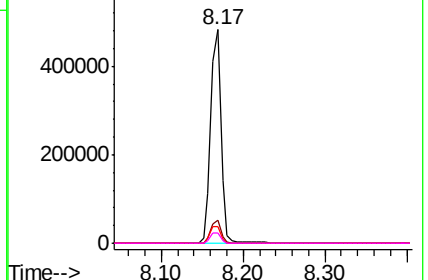
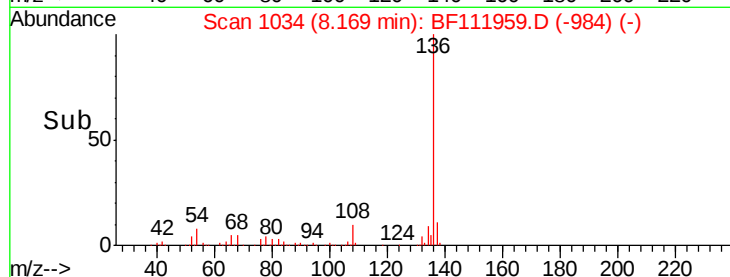


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.279 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

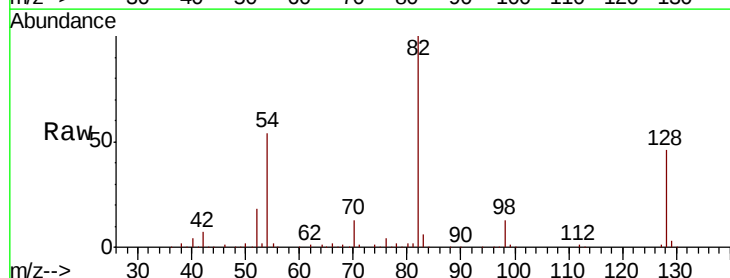
Tgt Ion: 82 Resp: 497637

Ion Ratio Lower Upper

82 100

128 46.3 35.7 53.5

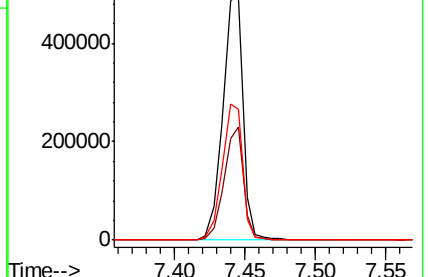
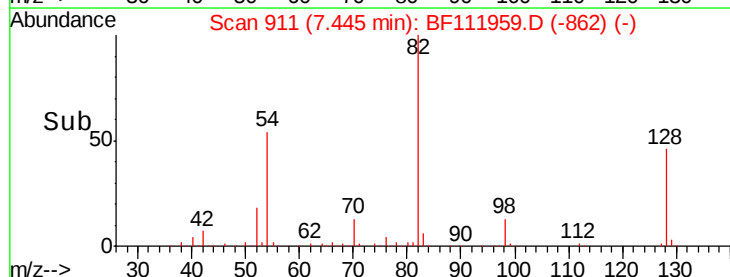
54 53.6 45.8 68.8

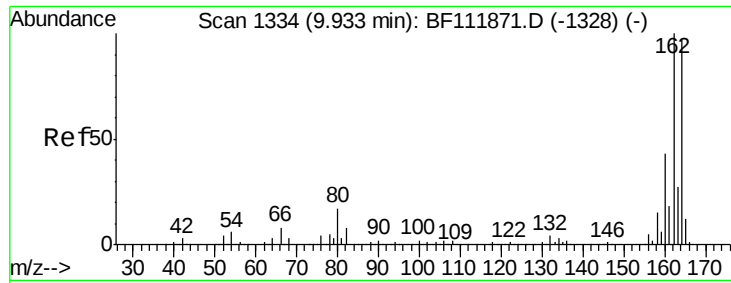


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

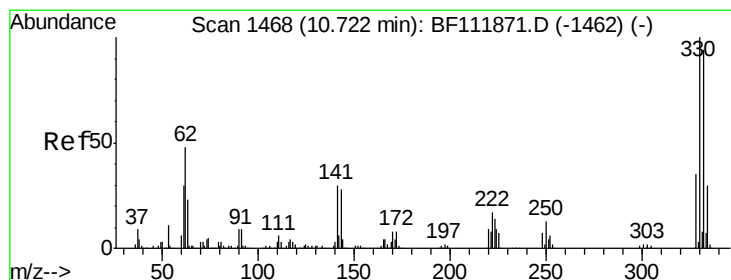
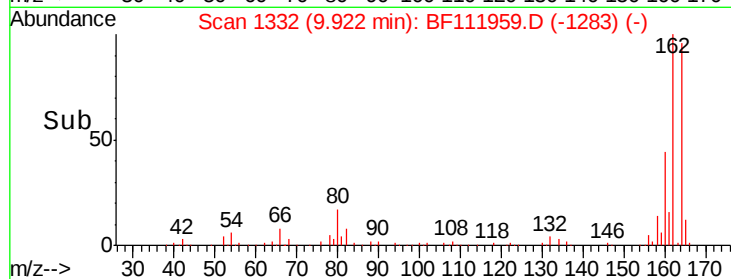
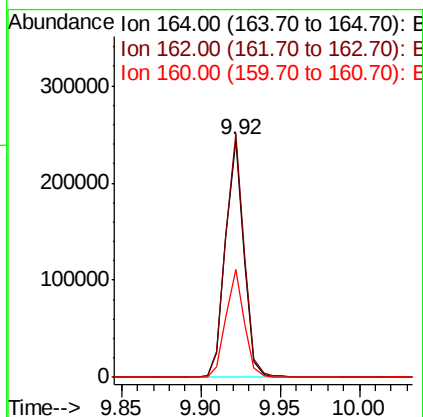
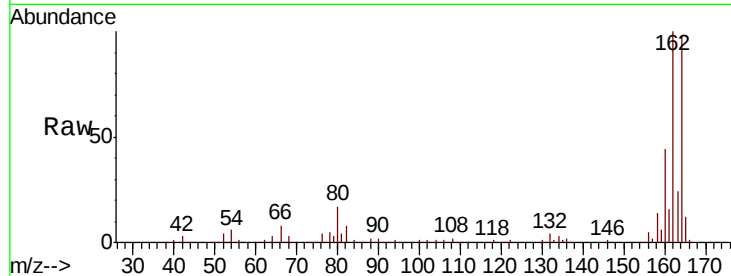




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

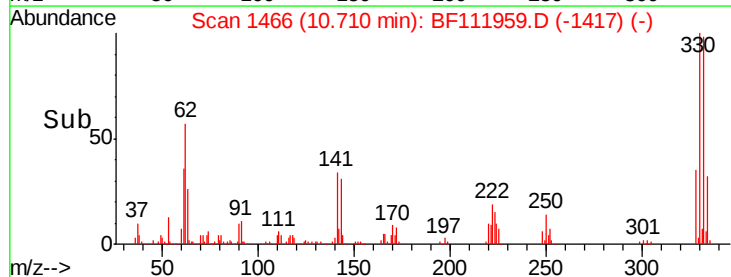
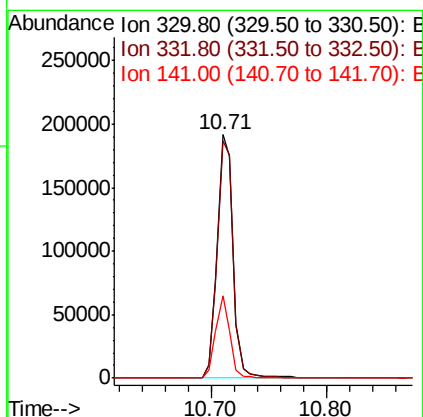
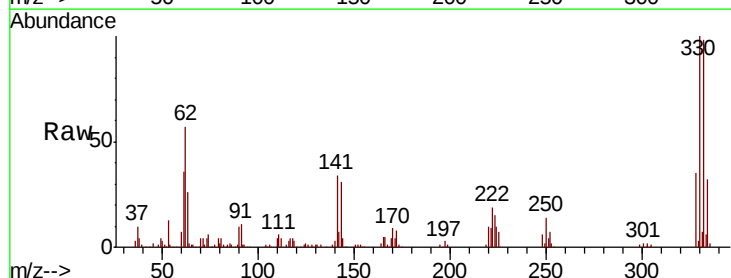
Instrument :
BNA_F
ClientSampleId :
W12-6

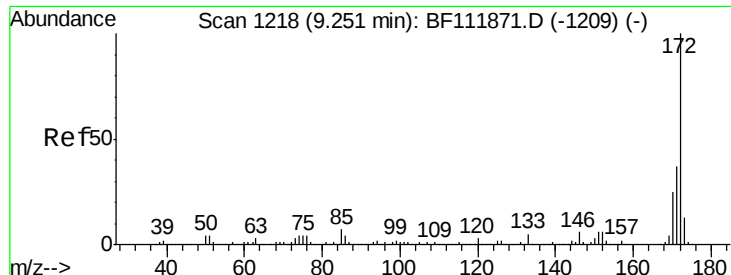
Tot Ion:164 Resp: 196510
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.2
160 45.1 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 71.510 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:330 Resp: 182779
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 30.1 23.7 35.5

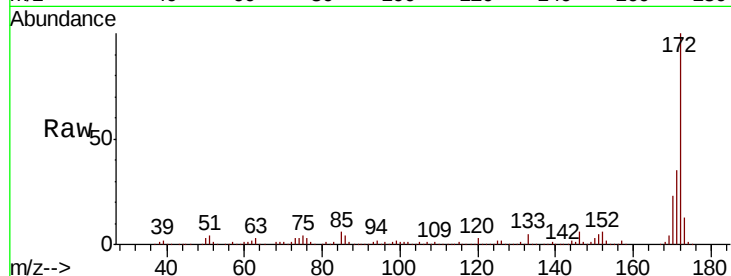




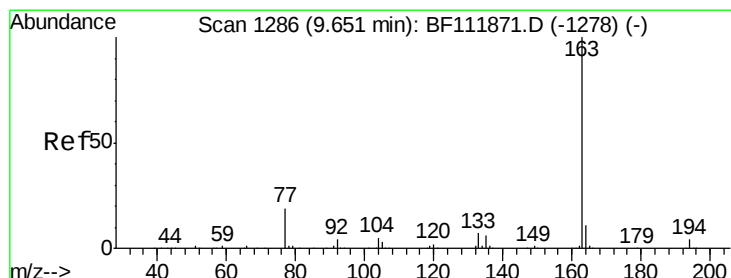
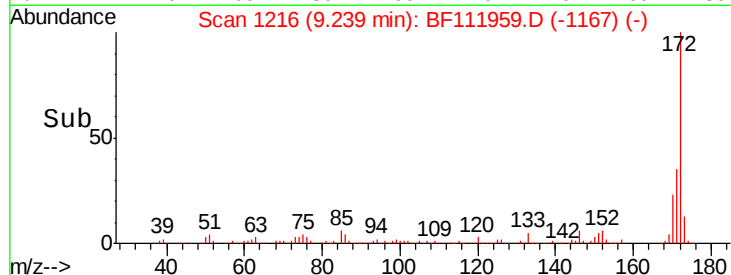
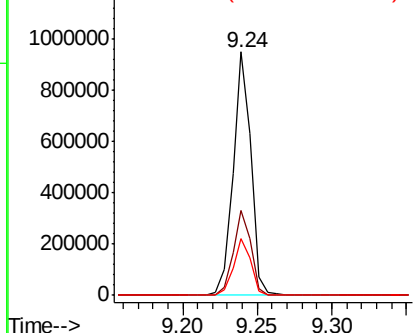
#45
2-Fluorobiphenyl
Concen: 59.614 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
W12-6

Tot Ion:172 Resp: 803368
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.5 19.8 29.8

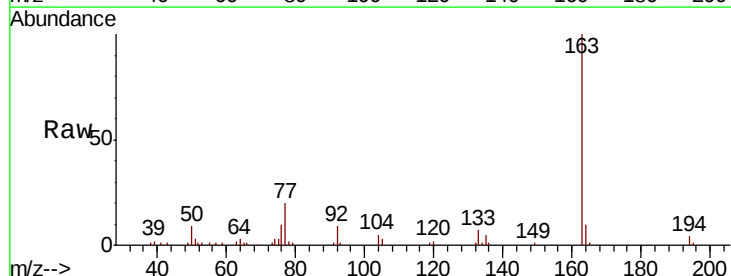


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

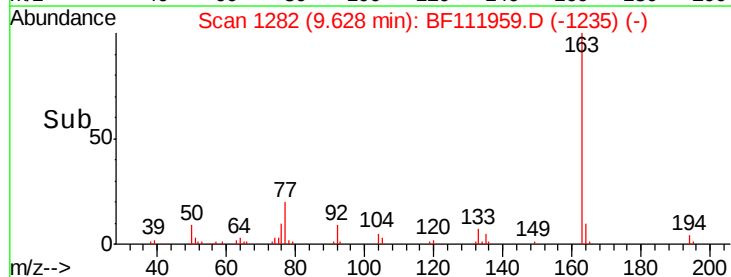
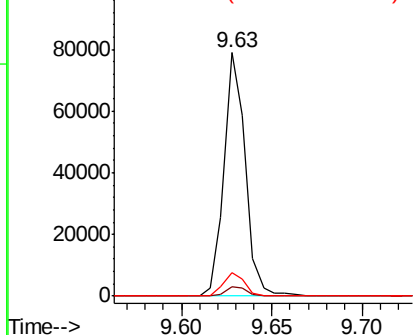


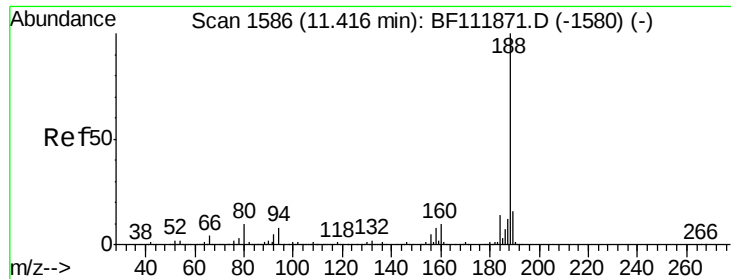
#50
Dimethylphthalate
Concen: 4.385 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:163 Resp: 64732
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.6 8.5 12.7



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

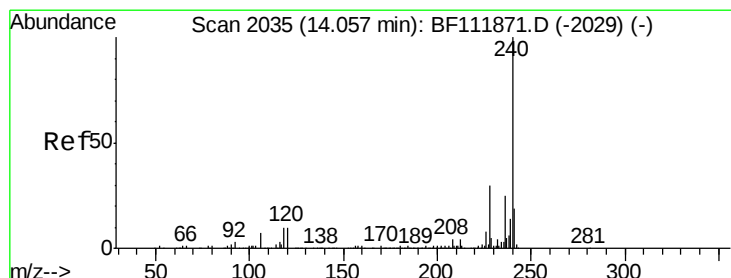
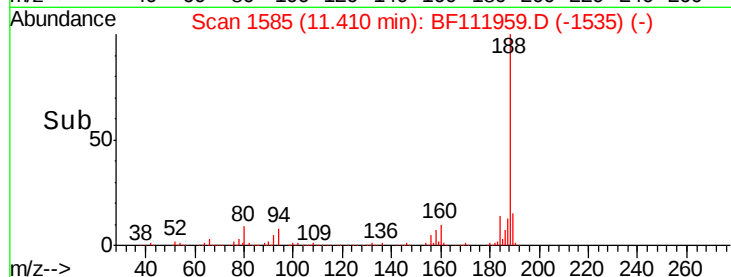
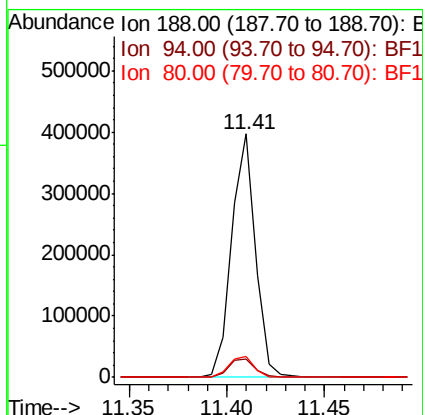
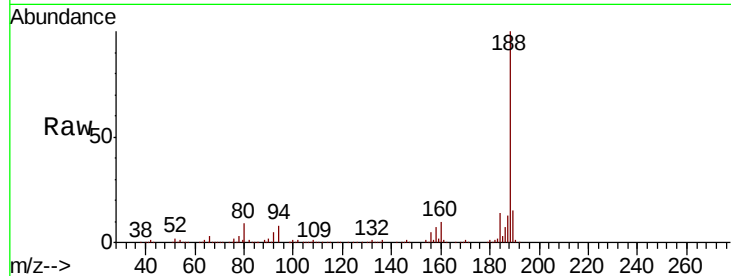




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

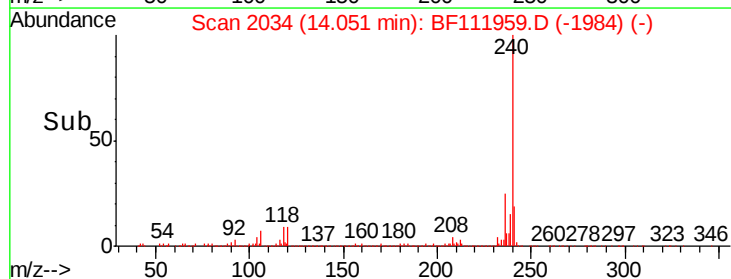
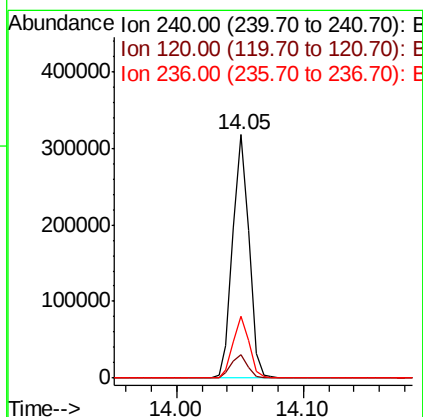
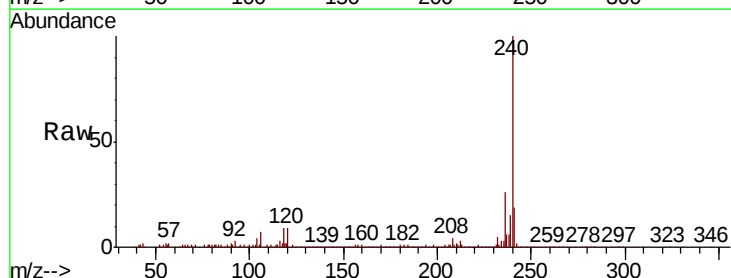
Instrument :
BNA_F
ClientSampled :
W12-6

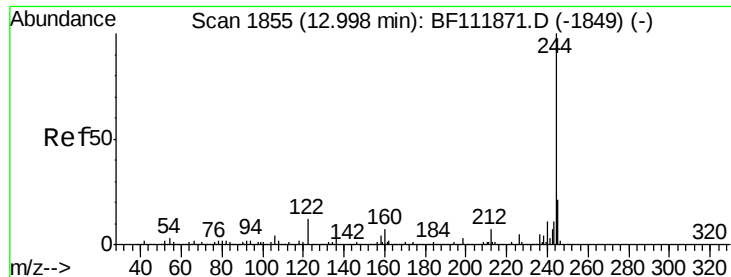
Tot Ion:188 Resp: 335805
Ion Ratio Lower Upper
188 100
94 7.8 6.6 10.0
80 8.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:240 Resp: 281503
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 25.6 20.2 30.4





#79

Terphenyl-d14

Concen: 46.536 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

Instrument :

BNA_F

ClientSampleId :

W12-6

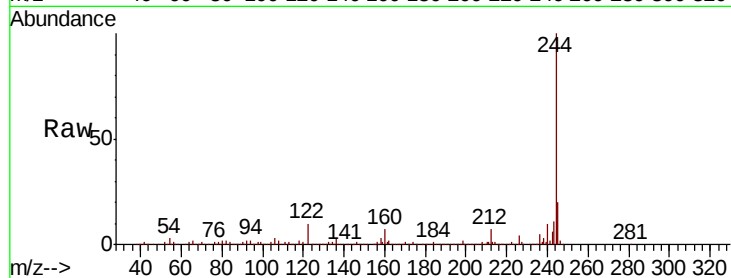
Tot Ion:244 Resp: 690127

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

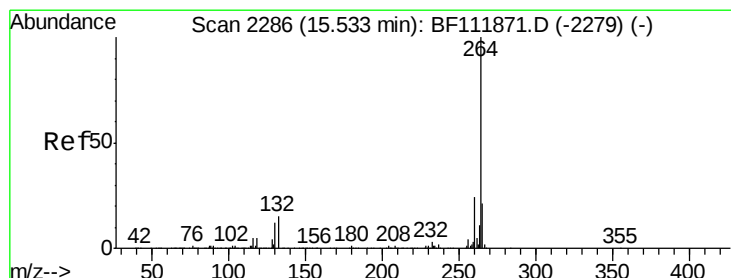
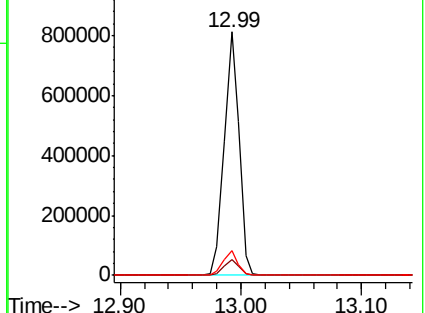
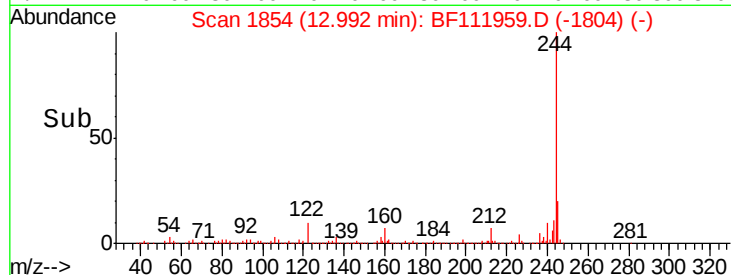
122 10.1 9.5 14.3



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111959.D

Acq: 9 Jan 2019 19:43

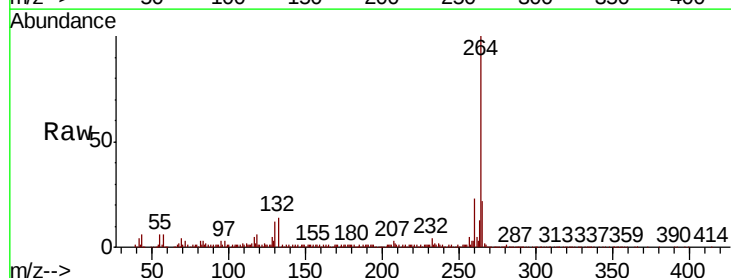
Tgt Ion:264 Resp: 205837

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.5 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

