

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111531.D
 Acq On : 17 Dec 2018 11:24
 Operator : JU/SJ
 Sample : J6386-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-02

Quant Time: Dec 18 04:27:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

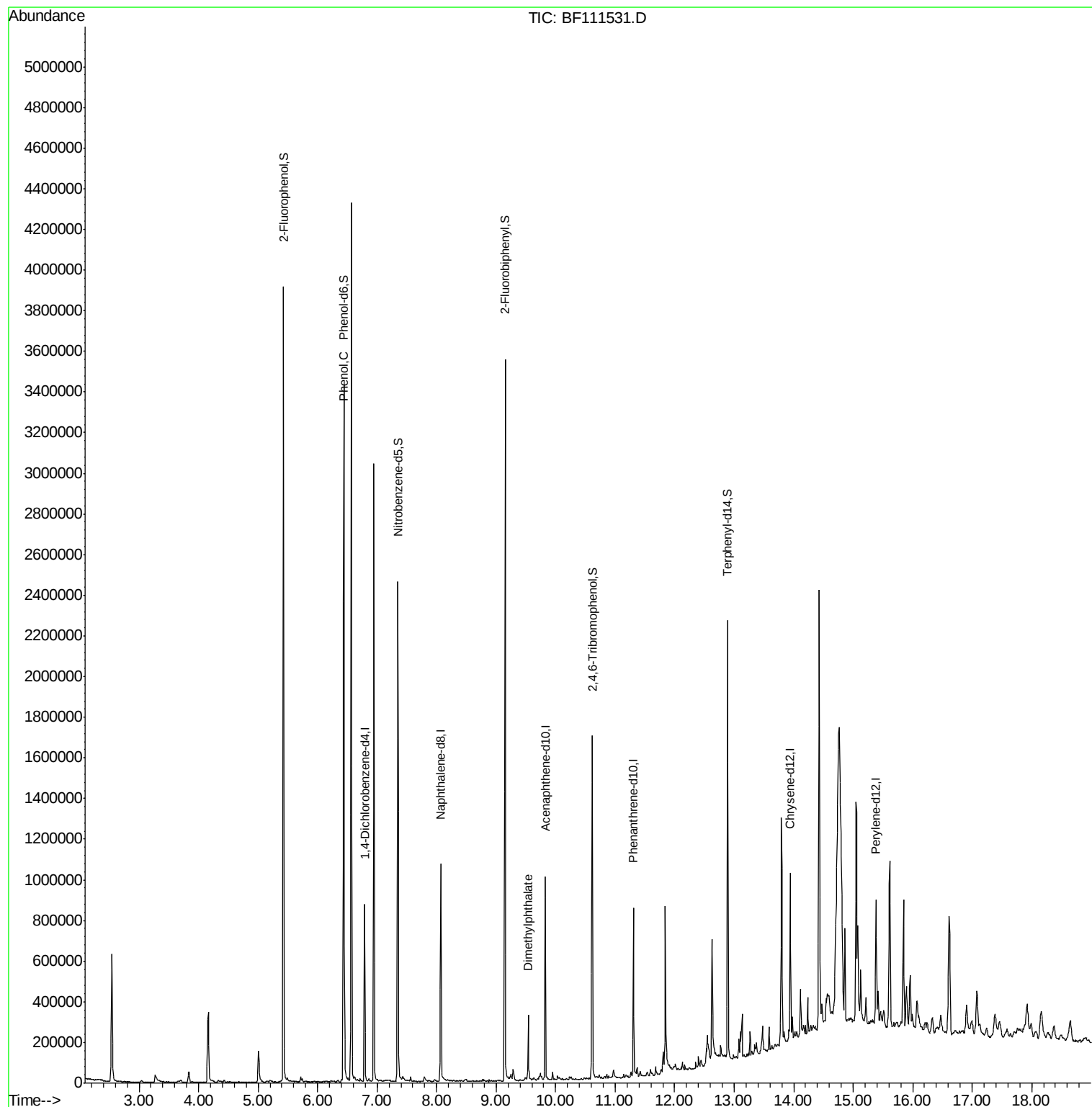
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132890	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	500246	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	205583	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	295022	20.00	ng	0.00
76) Chrysene-d12	13.94	240	269864	20.00	ng	0.00
87) Perylene-d12	15.39	264	271028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1002958	125.59	ng	0.01
7) Phenol-d6	6.44	99	1277682	120.28	ng	0.00
23) Nitrobenzene-d5	7.35	82	797665	94.95	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	181898	98.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1187992	89.26	ng	0.00
79) Terphenyl-d14	12.89	244	675608	58.79	ng	0.00
Target Compounds						
10) Phenol	6.45	94	71242	6.020	ng	98
50) Dimethylphthalate	9.54	163	114635	7.743	ng	99

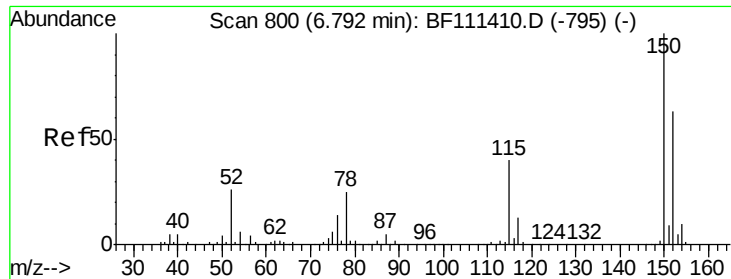
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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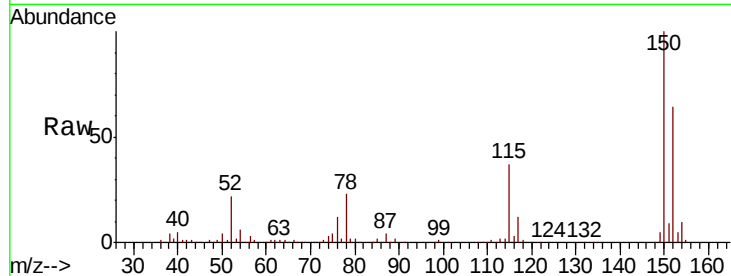


#1

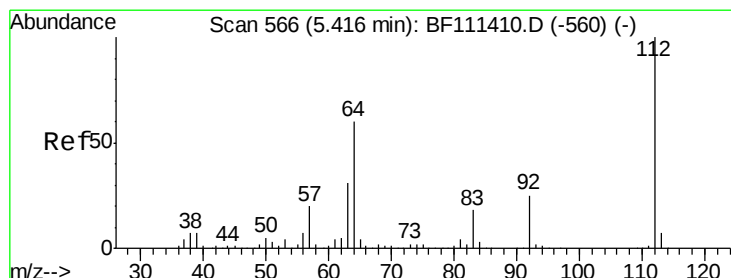
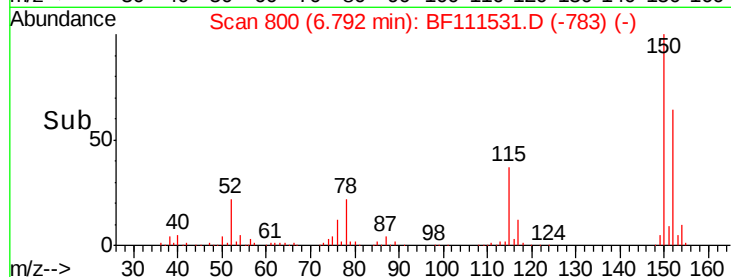
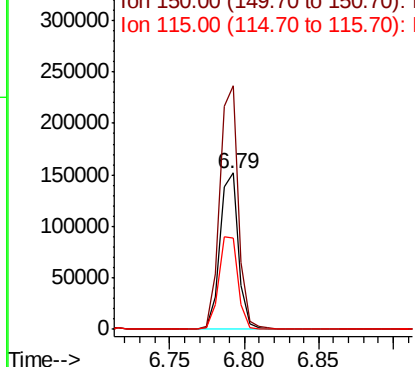
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-02

Tot Ion:152 Resp: 132890
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 58.0 50.7 76.1



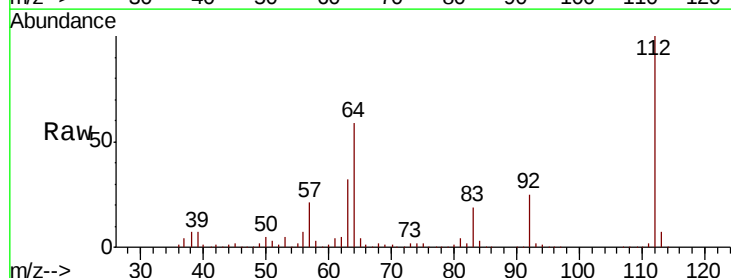
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



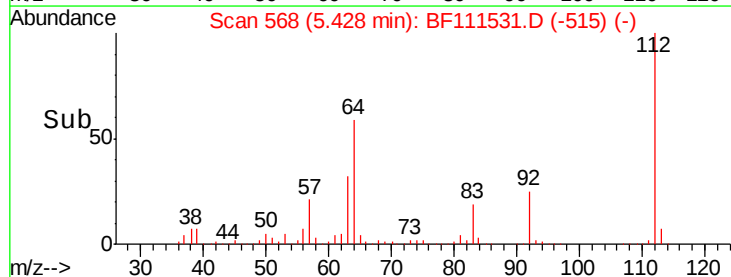
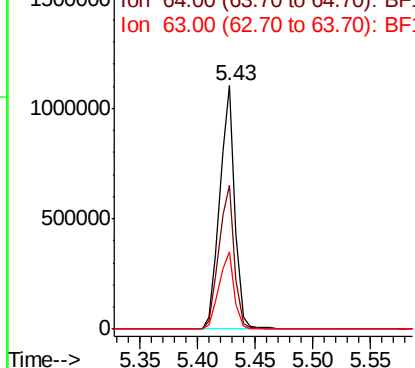
#5

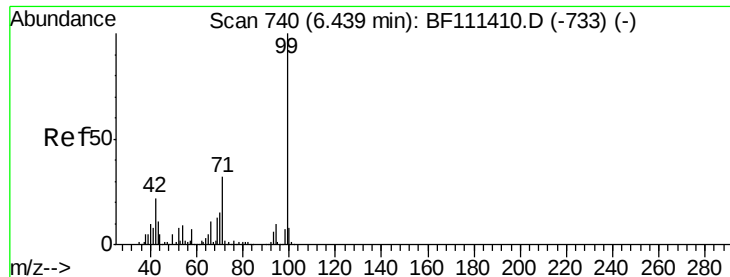
2-Fluorophenol
Concen: 125.591 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

Tgt Ion:112 Resp: 1002958
Ion Ratio Lower Upper
112 100
64 58.9 51.8 77.6
63 31.5 26.8 40.2



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: 120.279 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-02

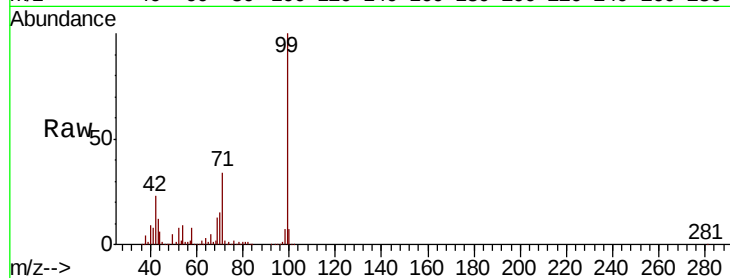
Tot Ion: 99 Resp: 1277682

Ion Ratio Lower Upper

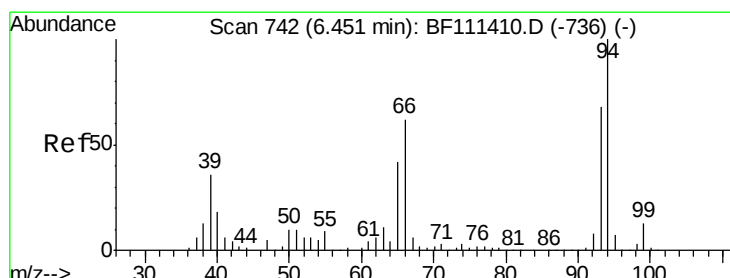
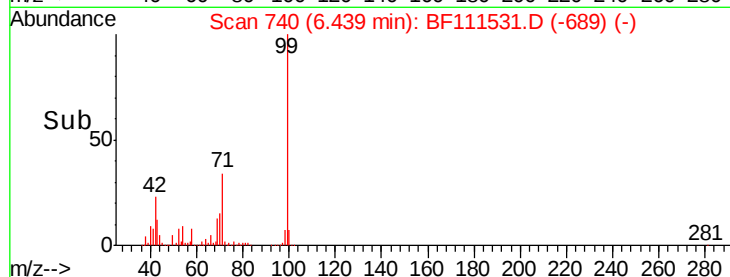
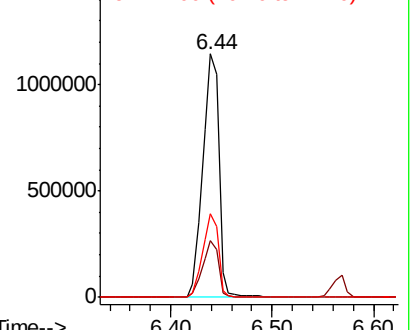
99 100

42 23.1 17.4 26.0

71 34.3 26.1 39.1



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: 6.020 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

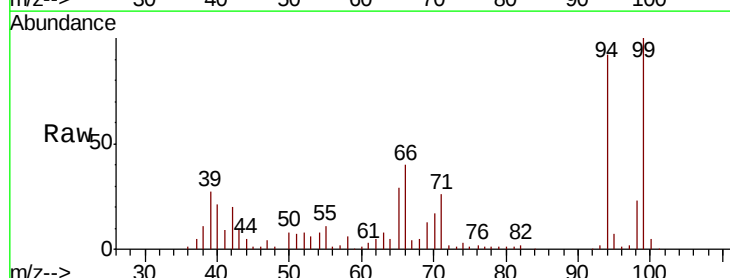
Tgt Ion: 94 Resp: 71242

Ion Ratio Lower Upper

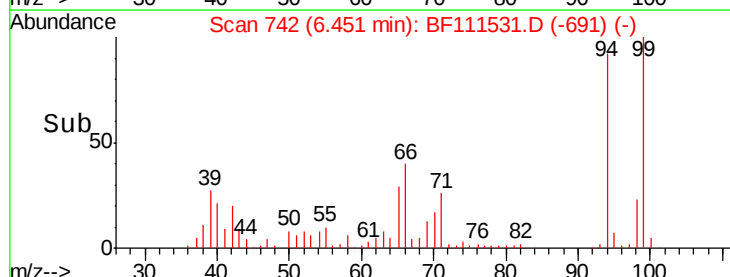
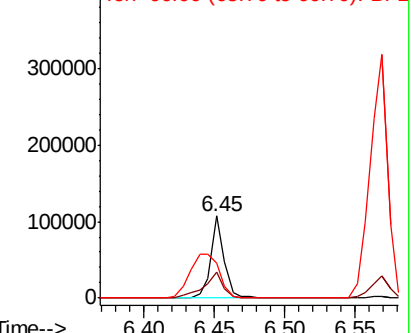
94 100

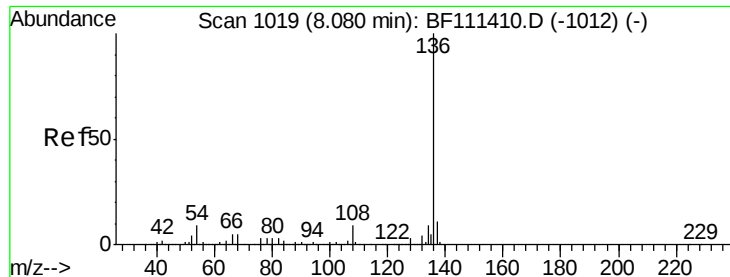
65 30.9 11.7 51.7

66 42.8 21.0 61.0



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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-02

Tot Ion:136 Resp: 500246

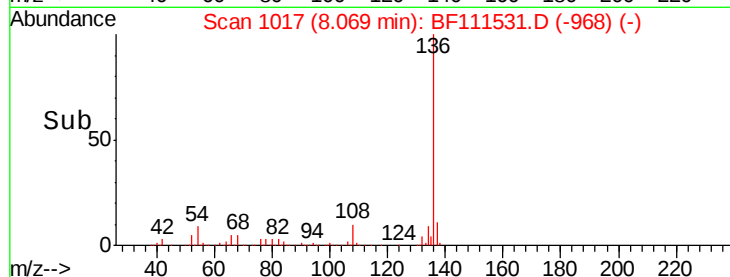
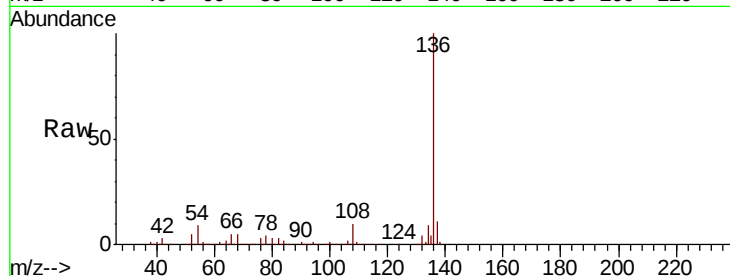
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.4 7.7 11.5

68 4.7 4.9 7.3#

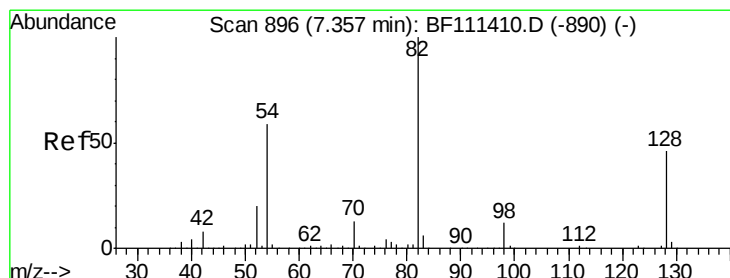
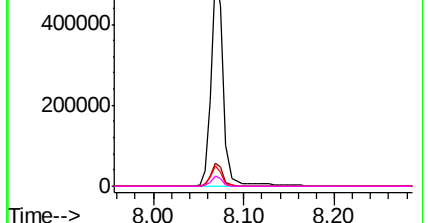


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.953 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

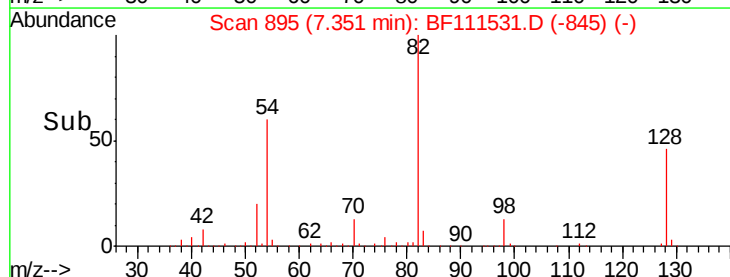
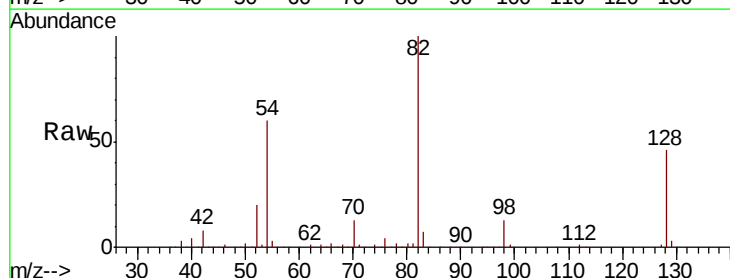
Tgt Ion: 82 Resp: 797665

Ion Ratio Lower Upper

82 100

128 45.9 37.4 56.2

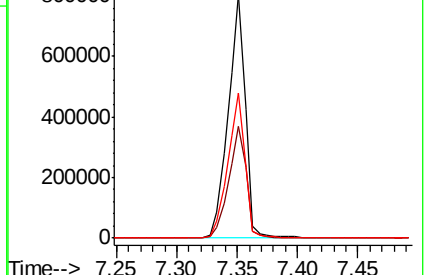
54 59.6 47.6 71.4

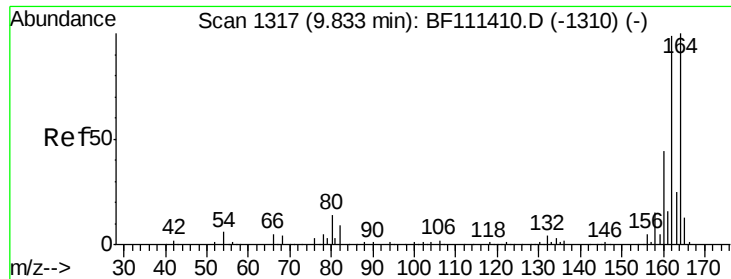


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-02

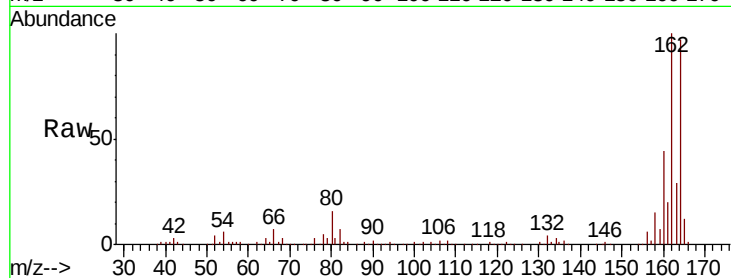
Tot Ion:164 Resp: 205583

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.0

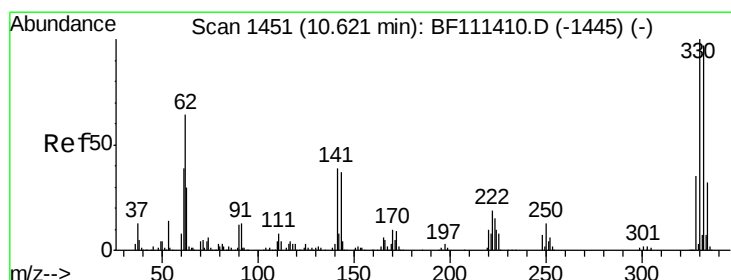
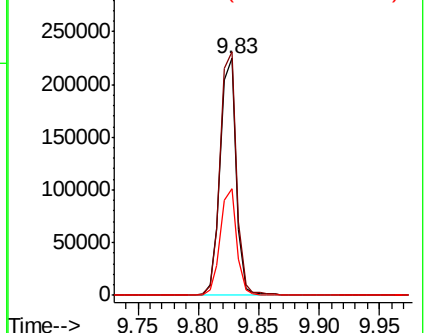
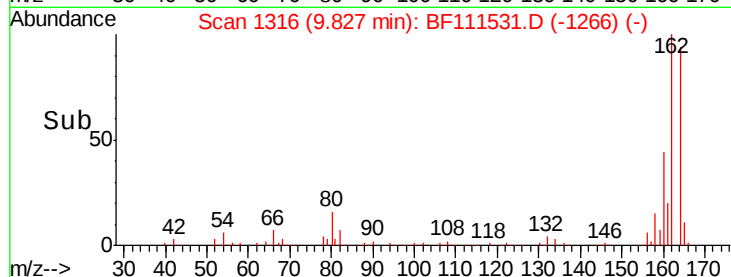
160 44.9 35.7 53.5



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: 98.772 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

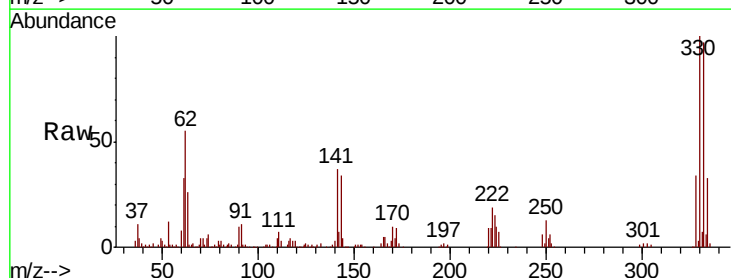
Tgt Ion:330 Resp: 181898

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

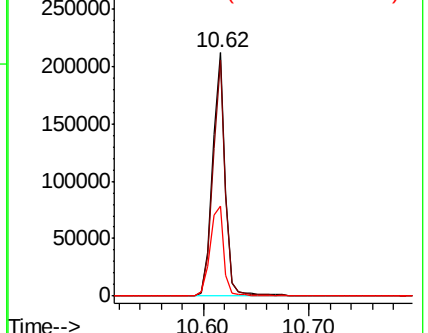
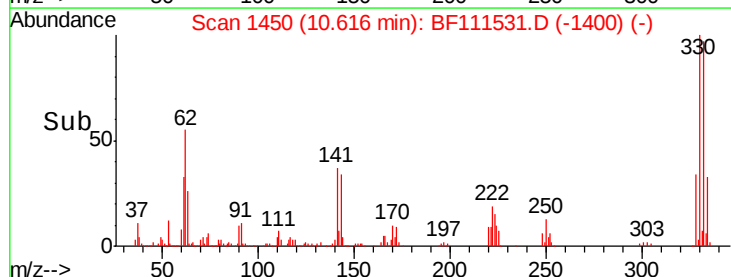
141 39.7 31.0 46.6

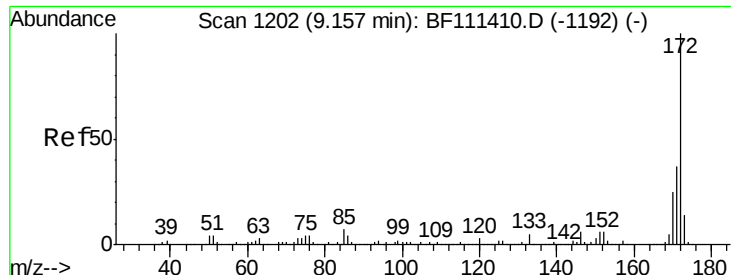


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

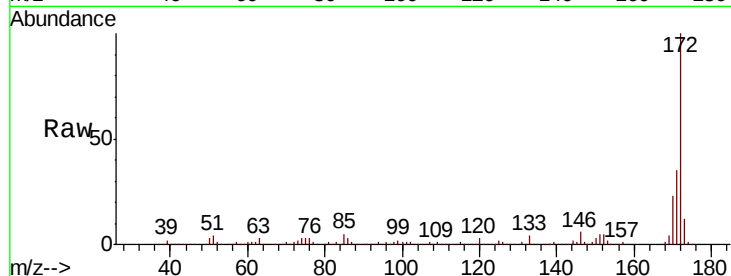




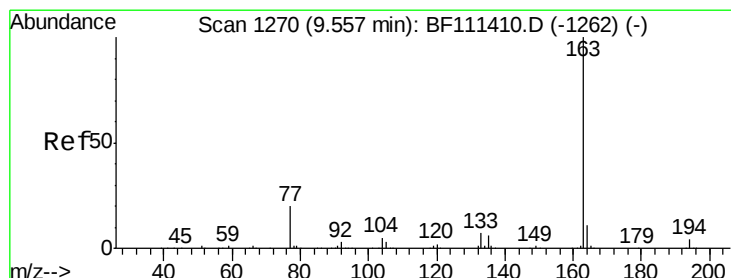
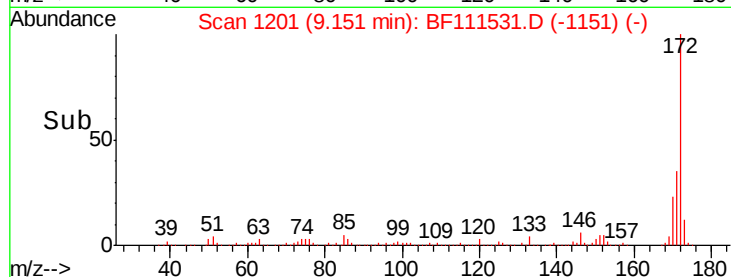
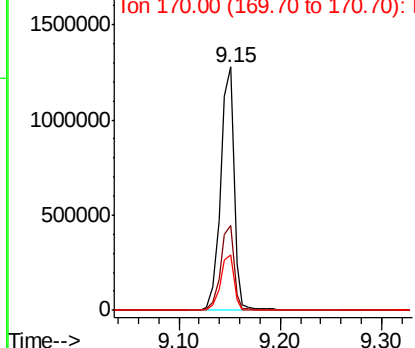
#45
2-Fluorobiphenyl
Concen: 89.259 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-02

Tot Ion:172 Resp: 1187992
Ion Ratio Lower Upper
172 100
171 35.0 33.0 49.4
170 22.9 22.3 33.5

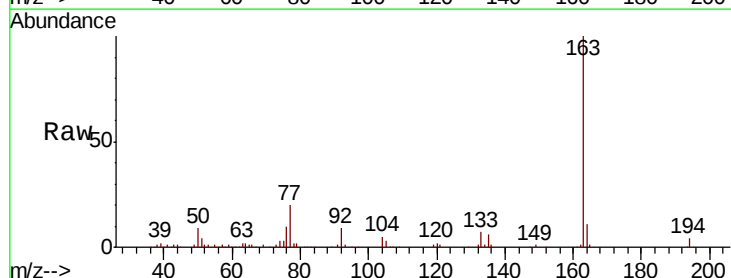


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

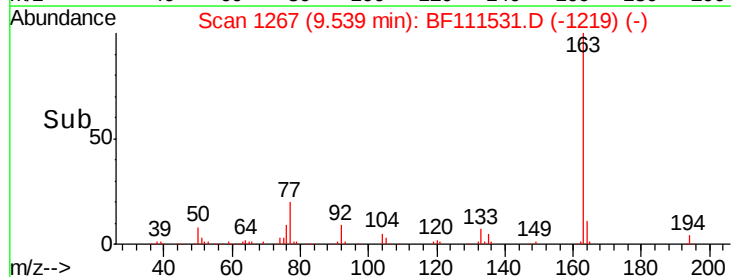
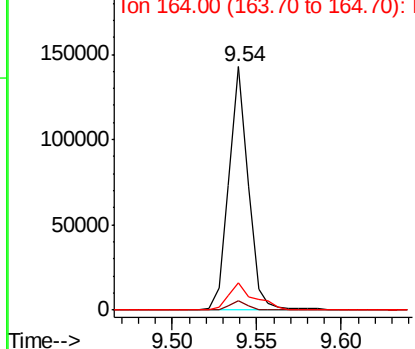


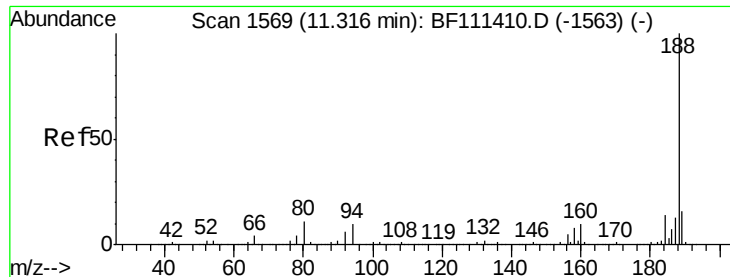
#50
Dimethylphthalate
Concen: 7.743 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

Tgt Ion:163 Resp: 114635
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 11.5 8.9 13.3



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

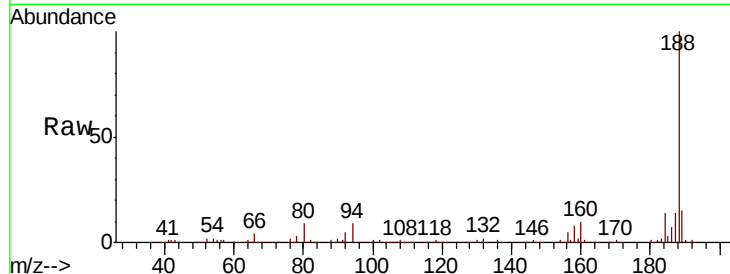




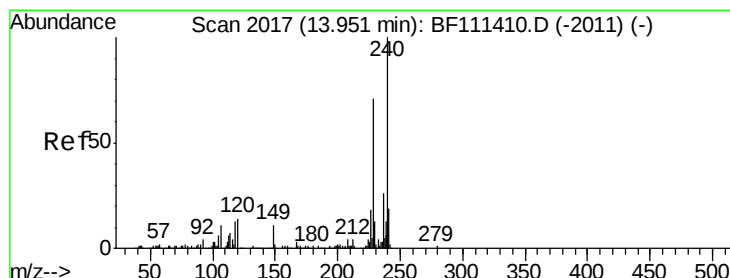
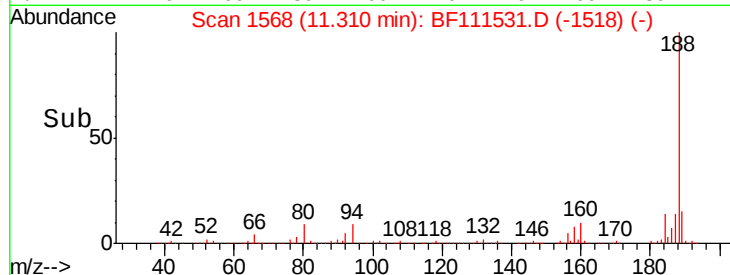
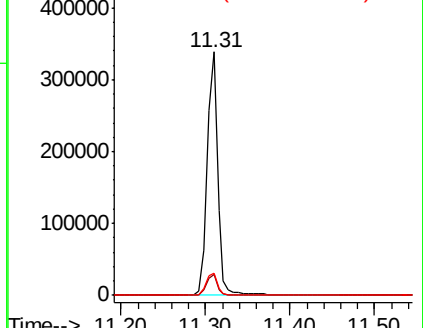
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-02

Tot Ion:188 Resp: 295022
Ion Ratio Lower Upper
188 100
94 8.7 9.6 14.4#
80 9.1 9.8 14.6#

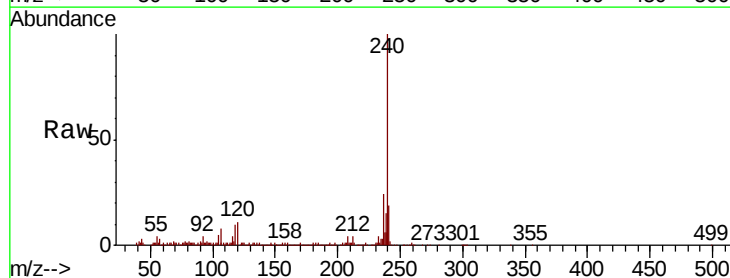


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

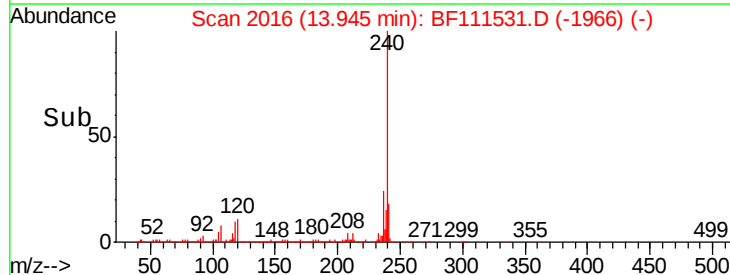
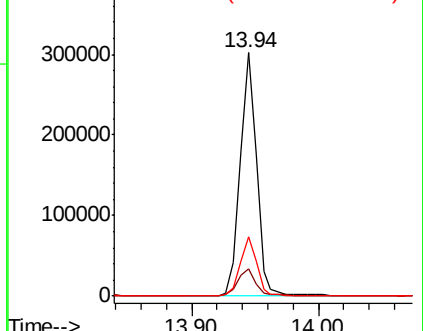


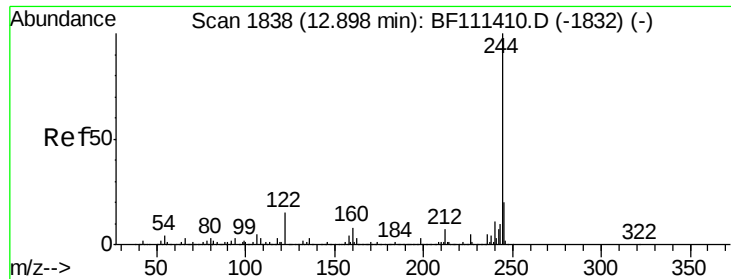
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111531.D
Acq: 17 Dec 2018 11:24

Tgt Ion:240 Resp: 269864
Ion Ratio Lower Upper
240 100
120 11.3 12.2 18.2#
236 24.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.788 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-02

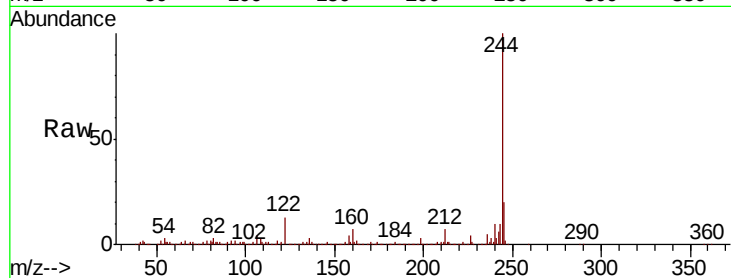
Tot Ion:244 Resp: 675608

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

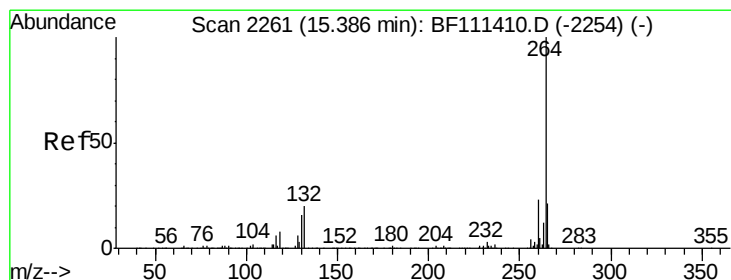
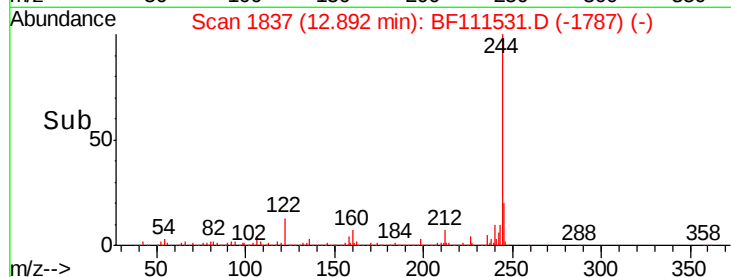
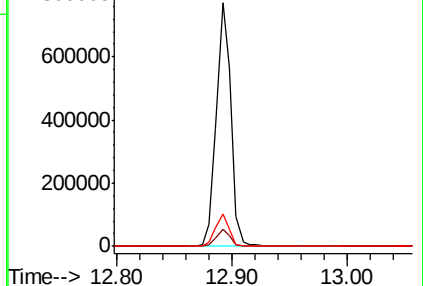
122 13.1 13.1 19.7#



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: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111531.D

Acq: 17 Dec 2018 11:24

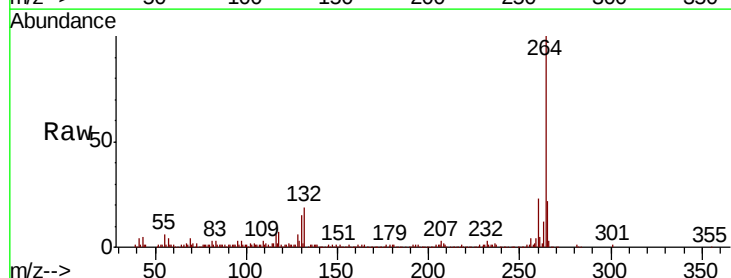
Tgt Ion:264 Resp: 271028

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.8 17.7 26.5



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

