

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111654.D
 Acq On : 20 Dec 2018 22:22
 Operator : JU/SJ
 Sample : J6362-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Dec 21 07:14:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

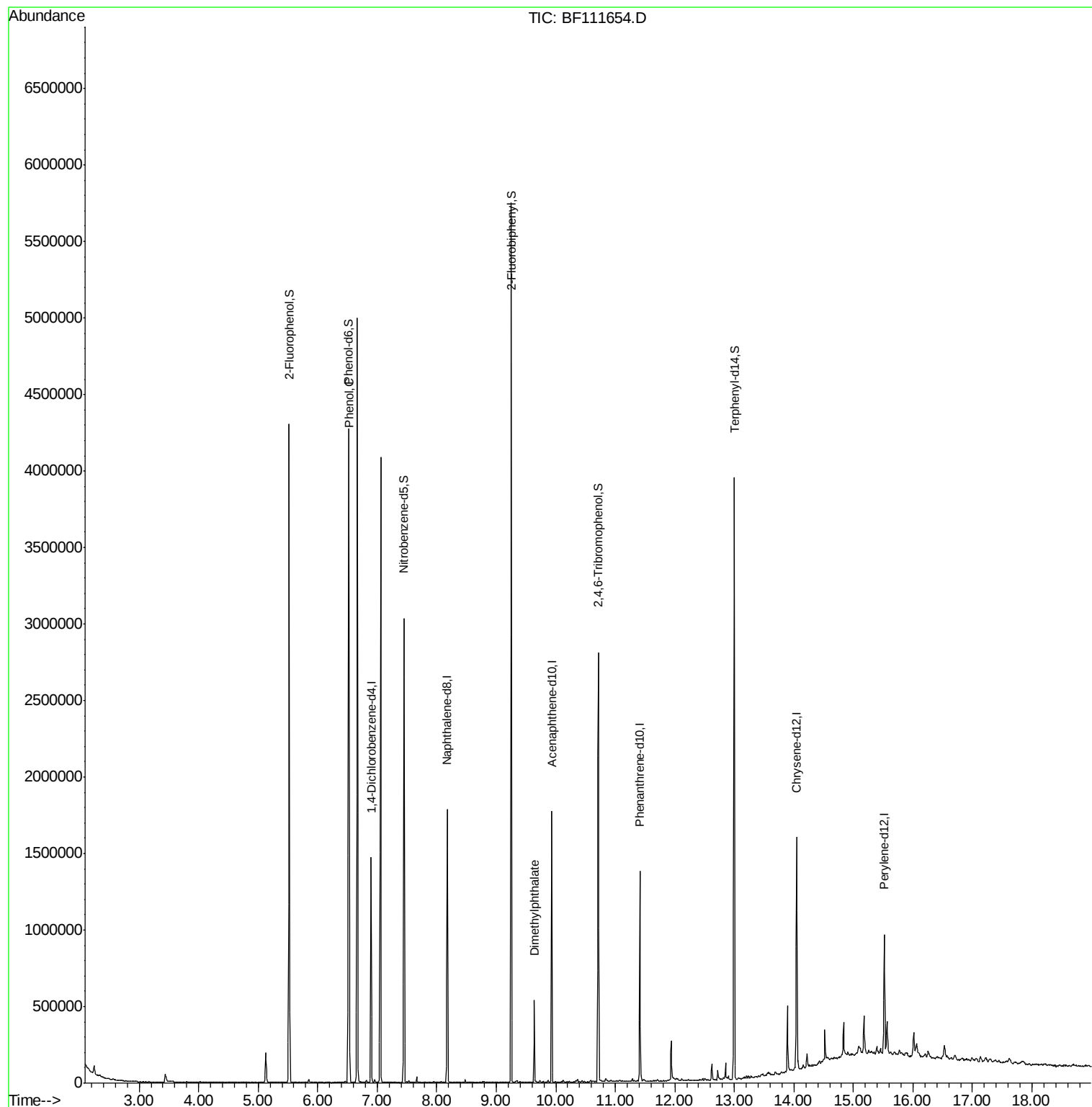
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	204051	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	756661	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	335755	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	503760	20.00	ng	0.00
76) Chrysene-d12	14.04	240	483035	20.00	ng	0.00
87) Perylene-d12	15.52	264	370403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1234127	103.09	ng	0.01
7) Phenol-d6	6.52	99	1574999	103.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	980834	75.45	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	330831	83.39	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1719817	74.66	ng	0.00
79) Terphenyl-d14	13.00	244	1300667	51.06	ng	0.00
Target Compounds						
10) Phenol	6.53	94	111015	6.458	ng	98
50) Dimethylphthalate	9.64	163	180941	7.369	ng	97

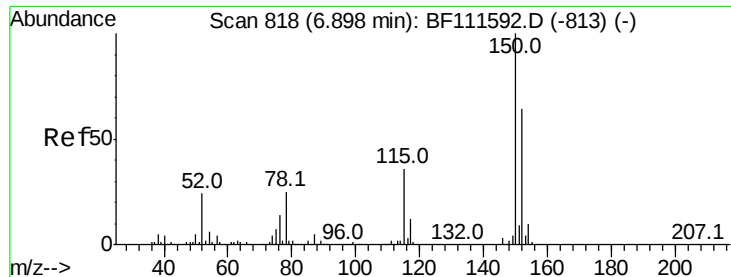
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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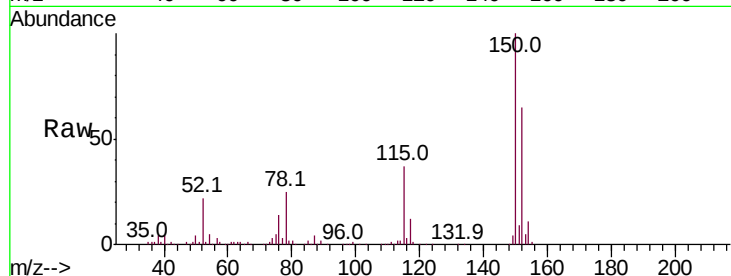


#1

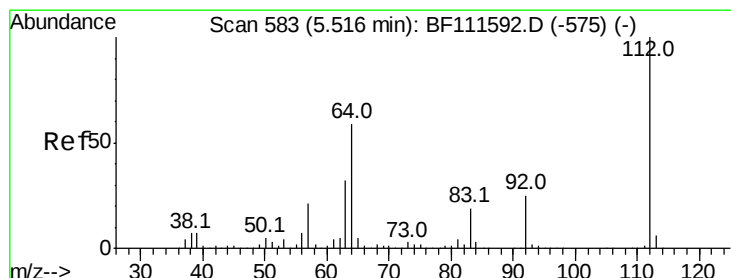
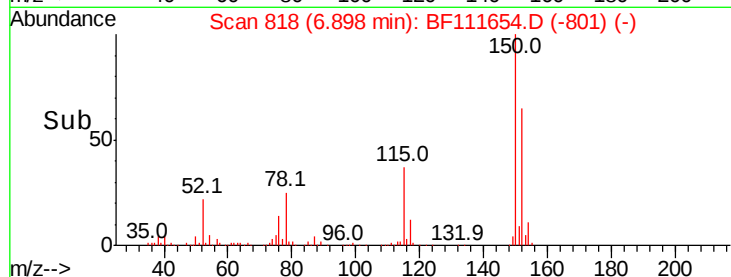
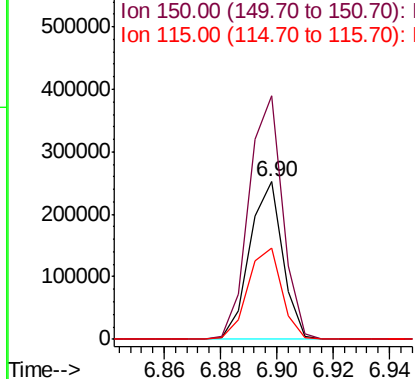
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Instrument :
BNA_F
ClientSampleId :
P-1

Tot Ion:152 Resp: 204051
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 57.7 50.7 76.1



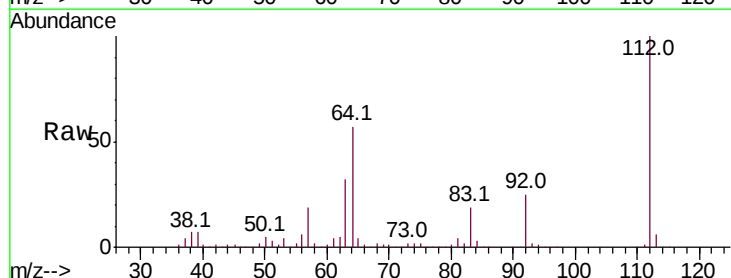
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



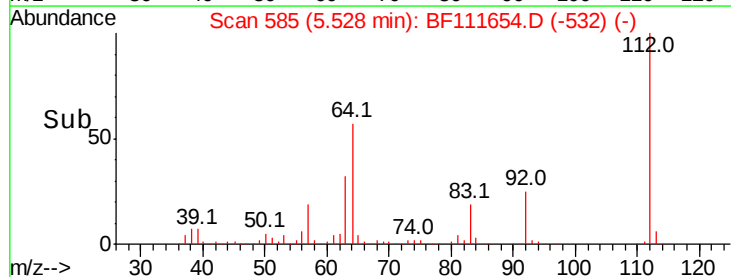
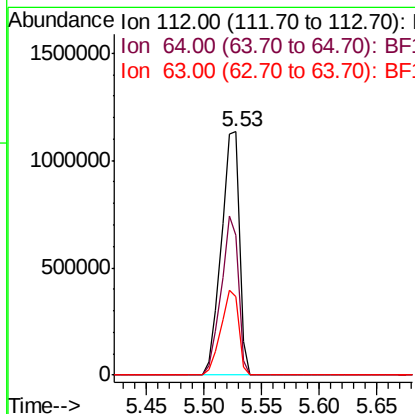
#5

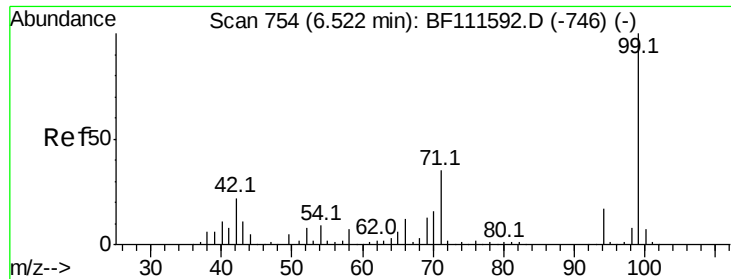
2-Fluorophenol
Concen: 103.092 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Tgt Ion:112 Resp: 1234127
Ion Ratio Lower Upper
112 100
64 57.4 51.8 77.6
63 32.0 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: 103.380 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

Instrument :

BNA_F

ClientSampleId :

P-1

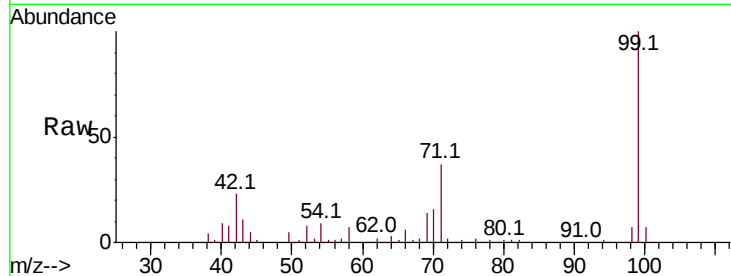
Tot Ion: 99 Resp: 1574999

Ion Ratio Lower Upper

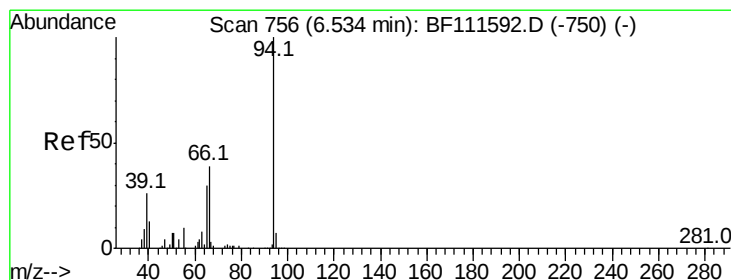
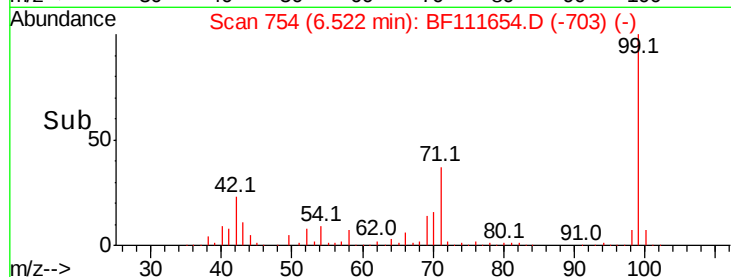
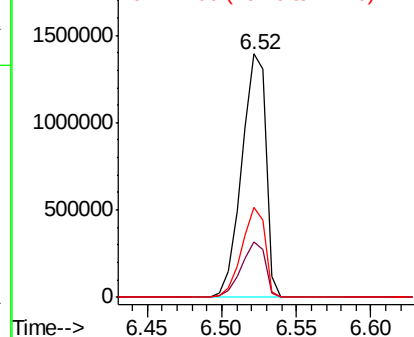
99 100

42 23.0 17.4 26.0

71 37.0 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: 6.458 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

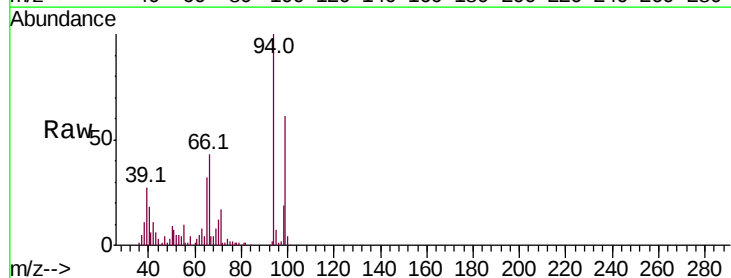
Tgt Ion: 94 Resp: 111015

Ion Ratio Lower Upper

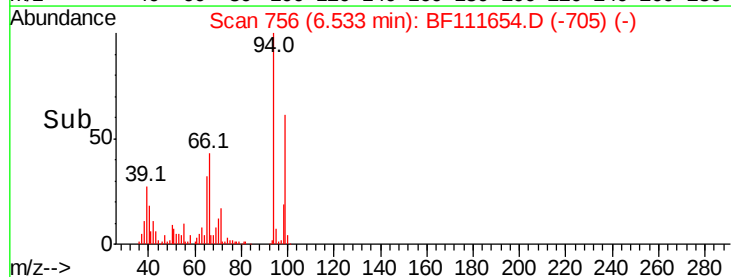
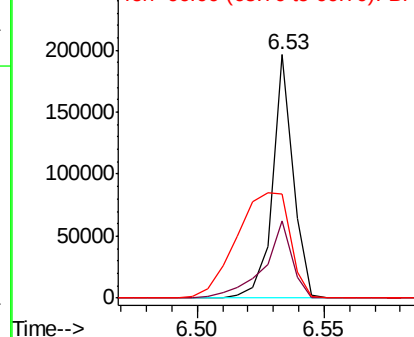
94 100

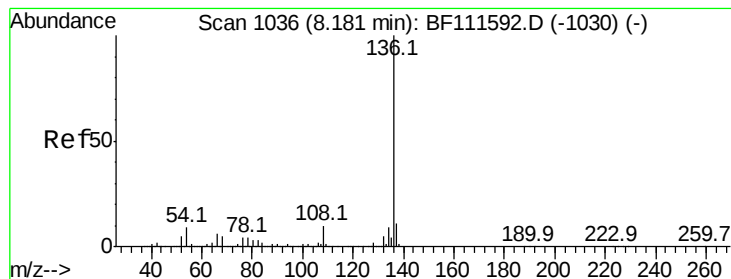
65 31.9 11.7 51.7

66 42.7 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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

Instrument :

BNA_F

ClientSampleId :

P-1

Tot Ion:136 Resp: 756661

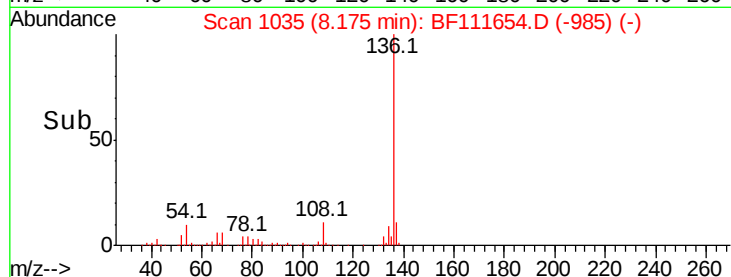
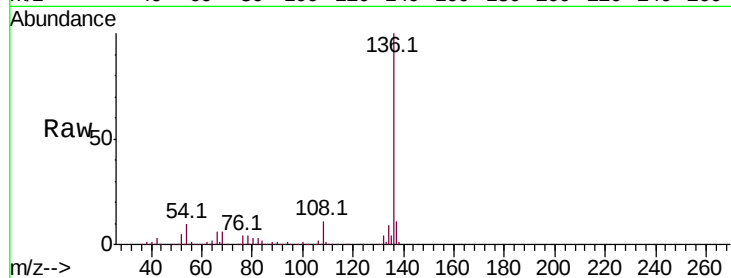
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.6 7.7 11.5

68 5.8 4.9 7.3

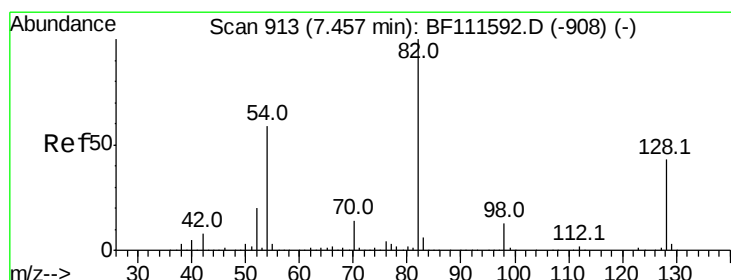
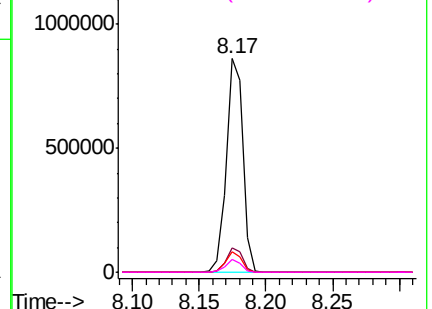


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.453 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

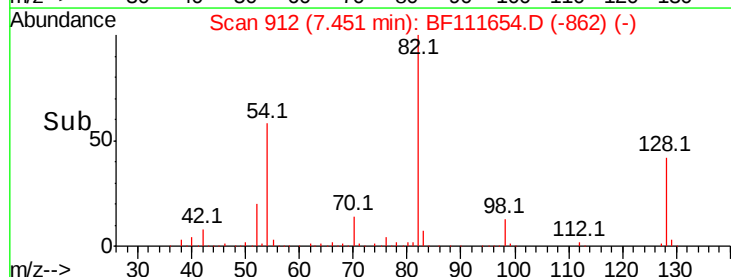
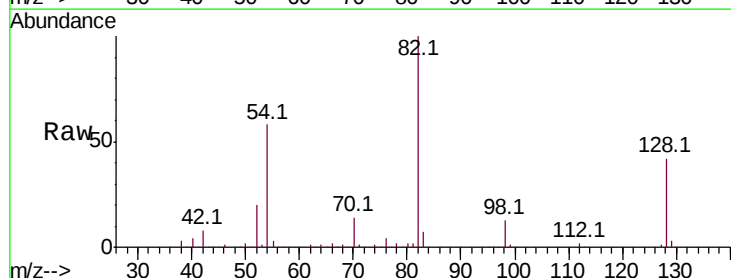
Tgt Ion: 82 Resp: 980834

Ion Ratio Lower Upper

82 100

128 42.3 37.4 56.2

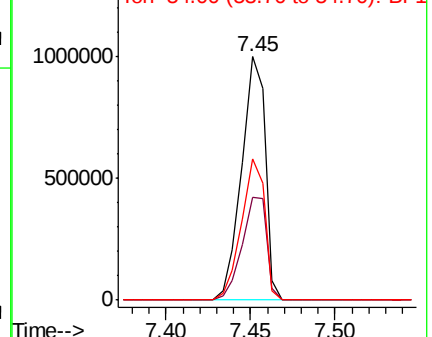
54 57.8 47.6 71.4

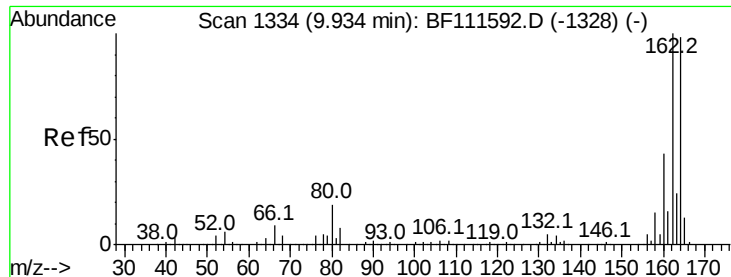


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

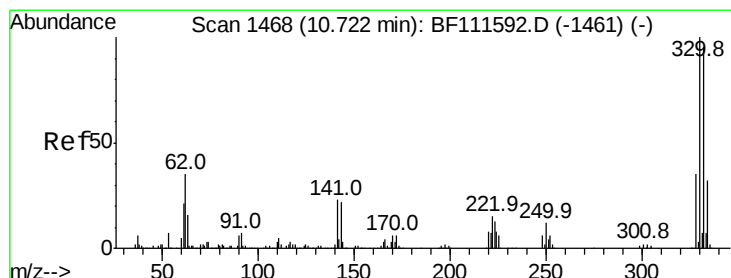
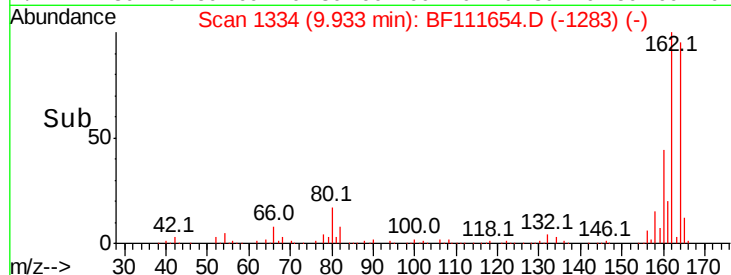
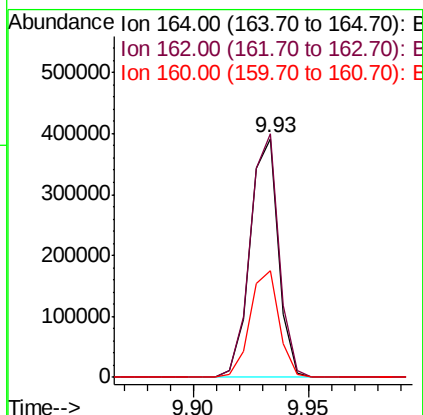
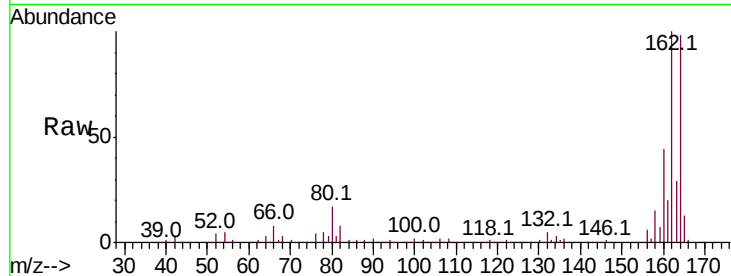




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111654.D
 Acq: 20 Dec 2018 22:22

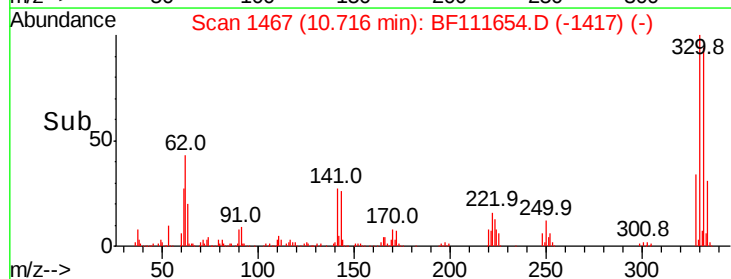
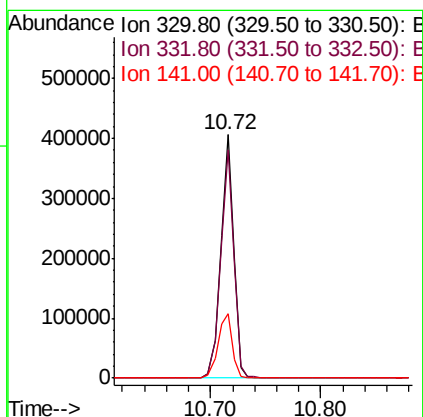
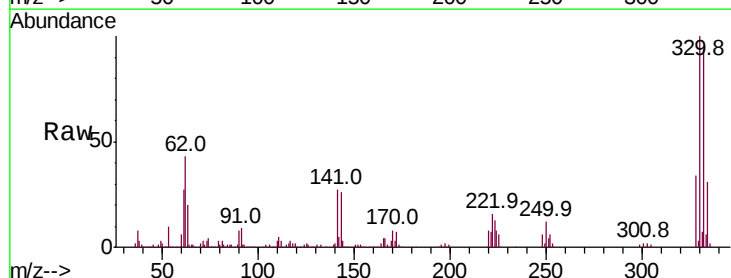
Instrument :
 BNA_F
 ClientSampleId :
 P-1

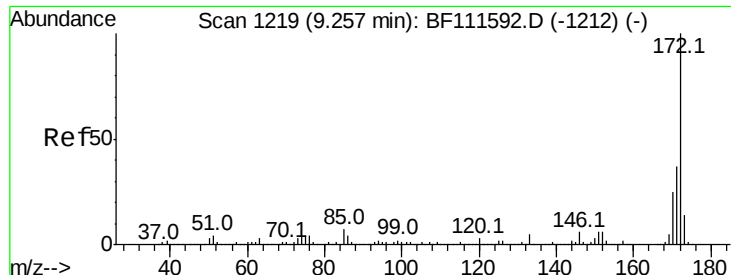
Tot Ion:164 Resp: 335755
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.0
 160 44.9 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 83.392 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111654.D
 Acq: 20 Dec 2018 22:22

Tgt Ion:330 Resp: 330831
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.0 114.0
 141 29.0 31.0 46.6#



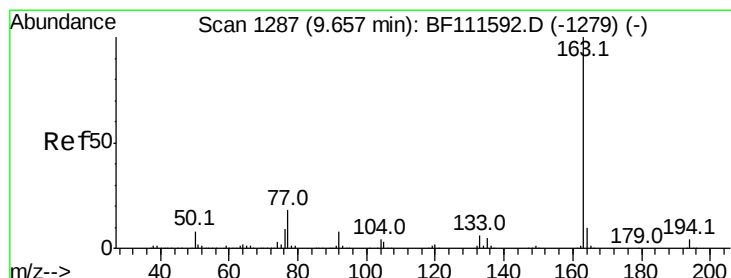
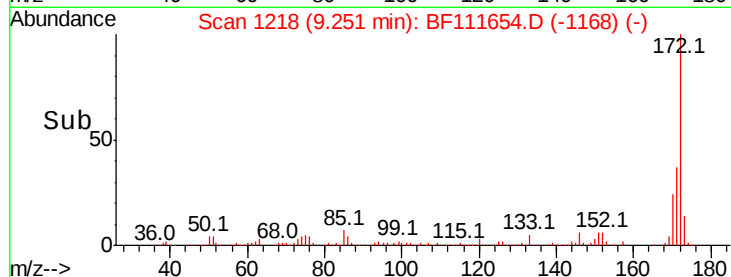
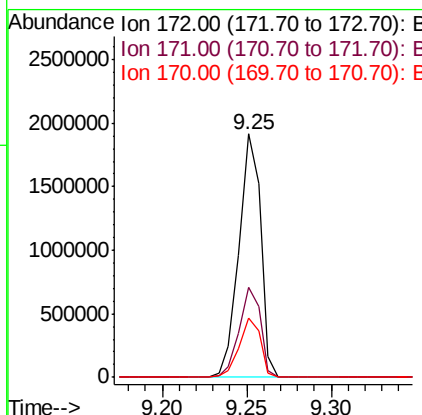
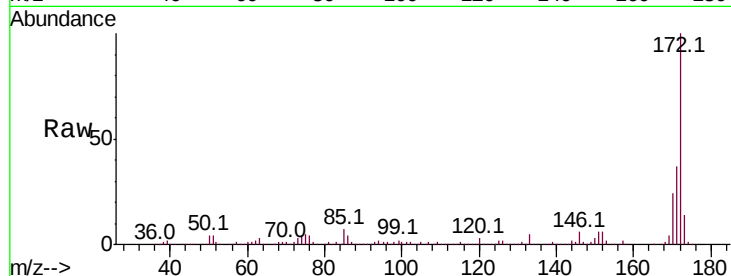


#45
 2-Fluorobiphenyl
 Concen: 74.661 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111654.D
 Acq: 20 Dec 2018 22:22

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tot Ion:172 Resp: 1719817

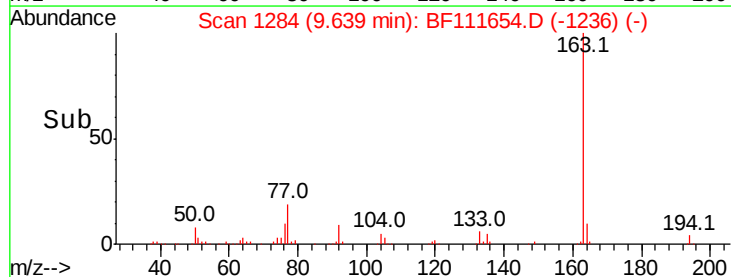
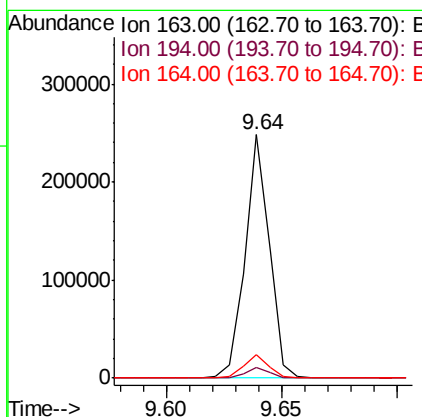
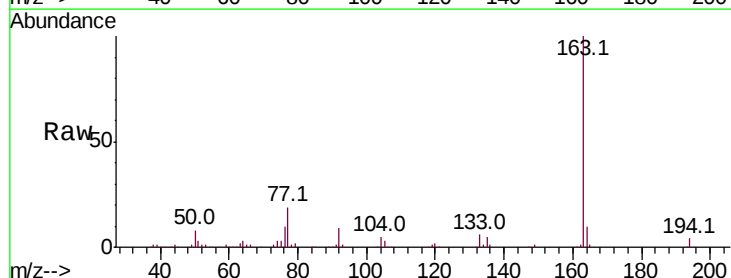
Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.0	49.4
170	24.3	22.3	33.5

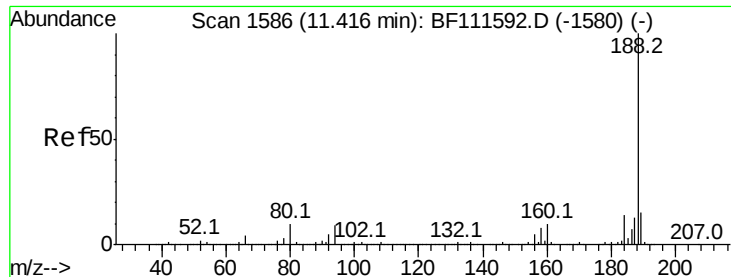


#50
 Dimethylphthalate
 Concen: 7.369 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111654.D
 Acq: 20 Dec 2018 22:22

Tgt Ion:163 Resp: 180941

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.6	8.9	13.3

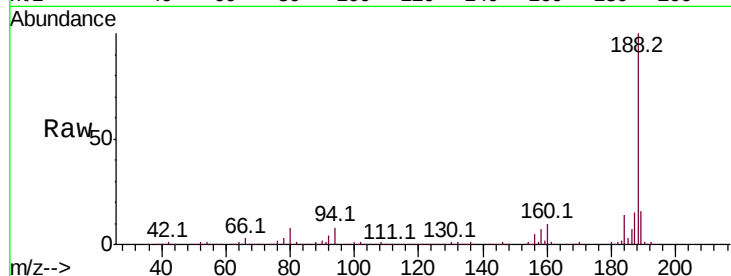




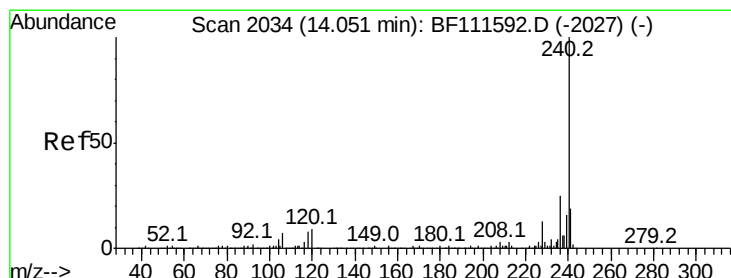
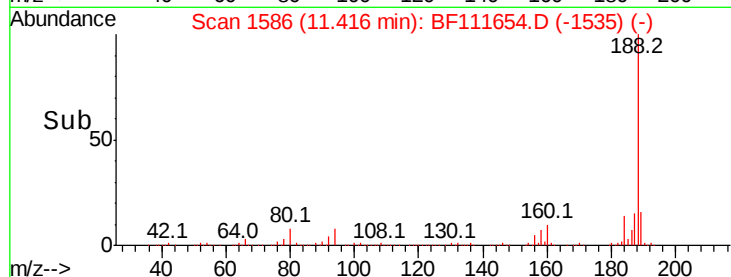
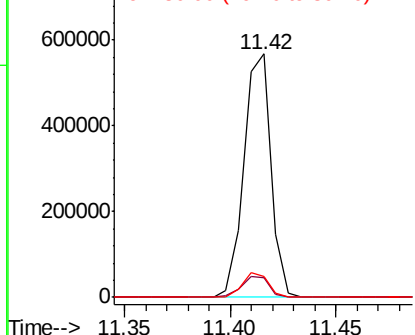
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Instrument :
BNA_F
ClientSampleId :
P-1

Tot Ion:188 Resp: 503760
Ion Ratio Lower Upper
188 100
94 8.1 9.6 14.4#
80 8.3 9.8 14.6#

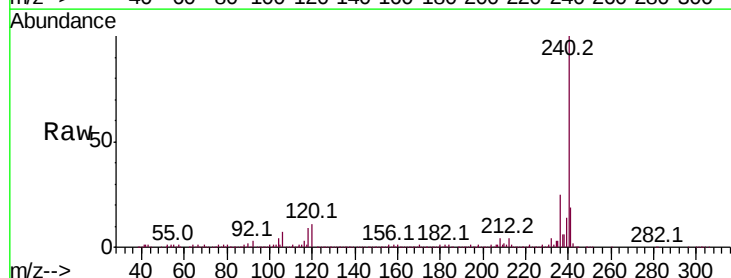


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

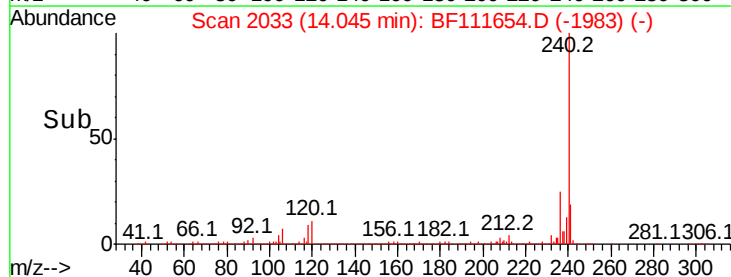
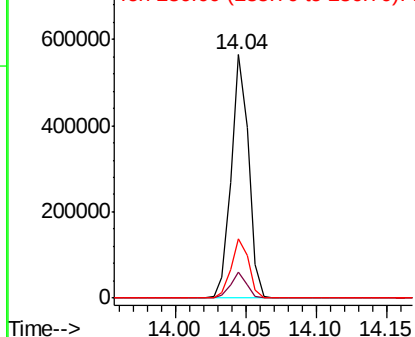


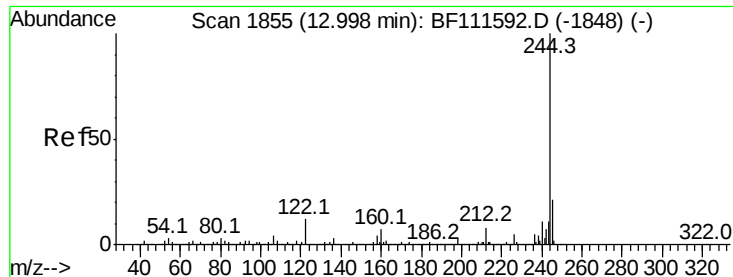
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Tgt Ion:240 Resp: 483035
Ion Ratio Lower Upper
240 100
120 10.8 12.2 18.2#
236 24.5 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: 51.065 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

Instrument :

BNA_F

ClientSampleId :

P-1

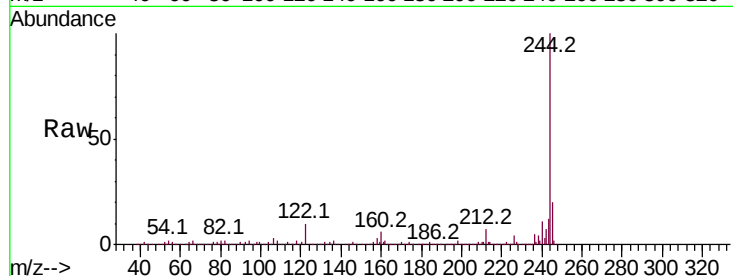
Tot Ion:244 Resp: 1300667

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

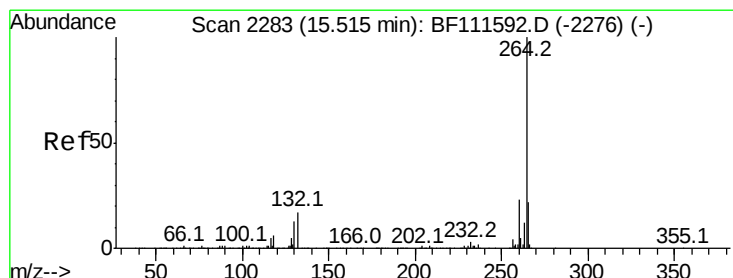
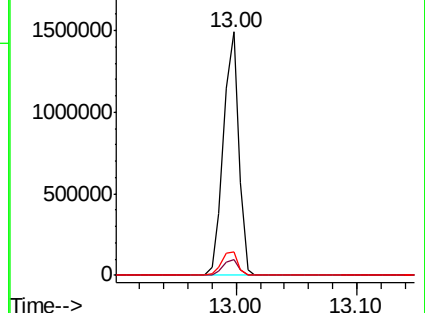
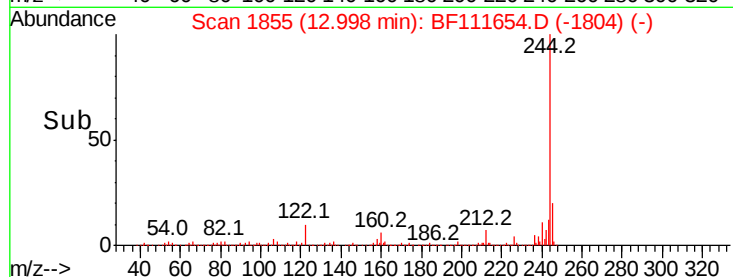
122 9.7 13.1 19.7#



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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

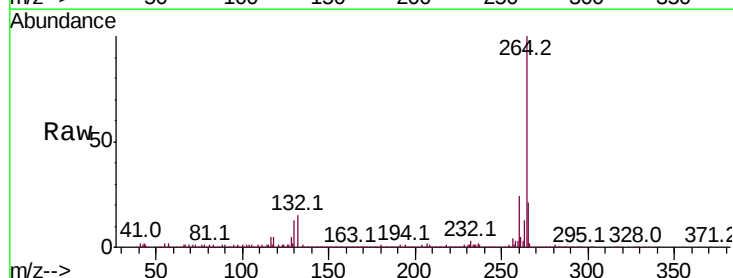
Tgt Ion:264 Resp: 370403

Ion Ratio Lower Upper

264 100

260 24.2 18.3 27.5

265 21.4 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

