

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111050.D
 Acq On : 28 Nov 2018 17:24
 Operator : JU/SJ
 Sample : J6087-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-CONCRETE

Quant Time: Nov 29 02:47:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

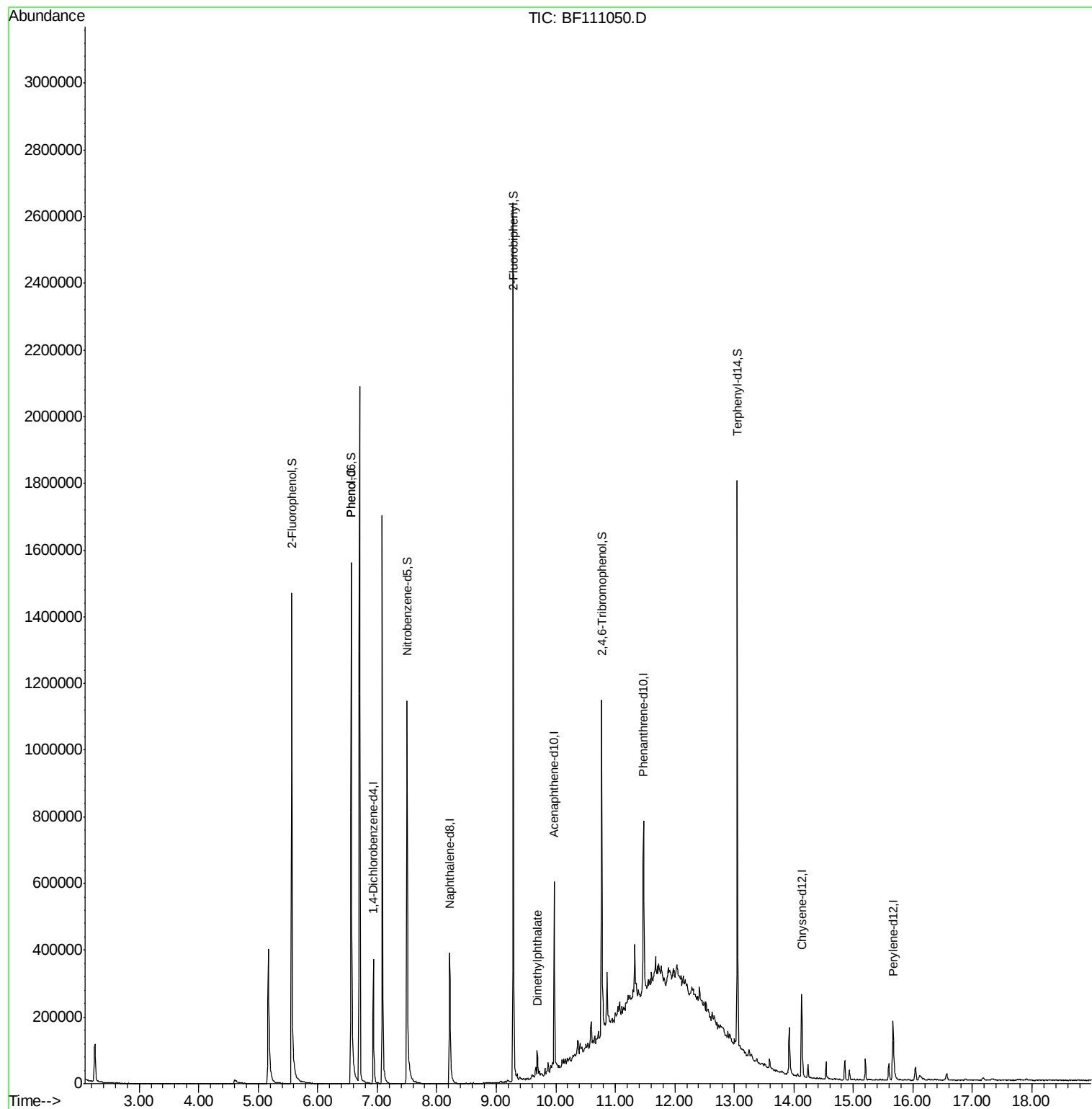
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	61759	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	255879	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	119304	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	199332	20.00	ng	0.00
76) Chrysene-d12	14.13	240	117633	20.00	ng	0.00
87) Perylene-d12	15.67	264	119291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	464471	124.72	ng	0.01
7) Phenol-d6	6.57	99	649114	133.75	ng	0.00
23) Nitrobenzene-d5	7.50	82	436844	97.71	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	134303	113.35	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	805075	97.76	ng	0.00
79) Terphenyl-d14	13.06	244	602418	99.69	ng	0.00
Target Compounds						
10) Phenol	6.57	94	18857	3.450	ng	Qvalue # 83
50) Dimethylphthalate	9.69	163	37766	4.316	ng	100

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

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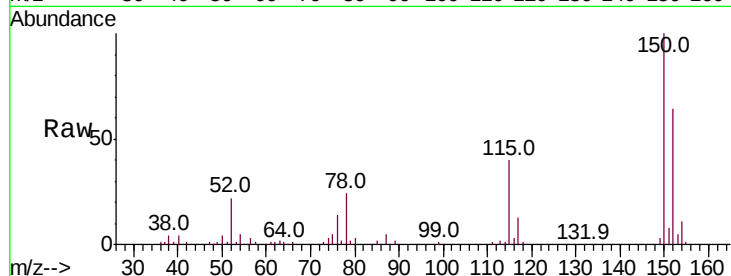


#1

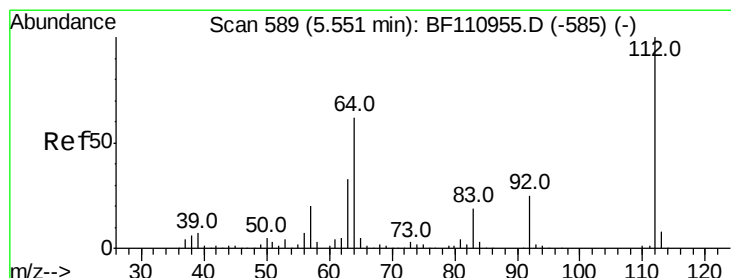
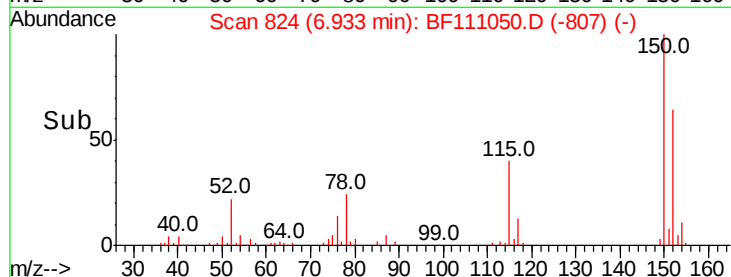
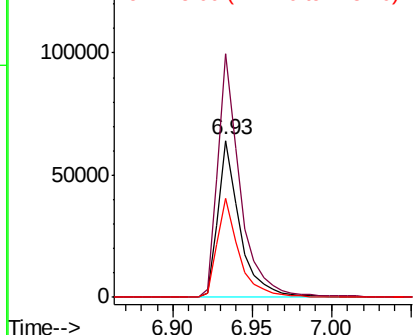
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Instrument :
BNA_F
ClientSampleId :
CS-CONCRETE

Tot Ion:152 Resp: 61759
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 62.8 49.1 73.7



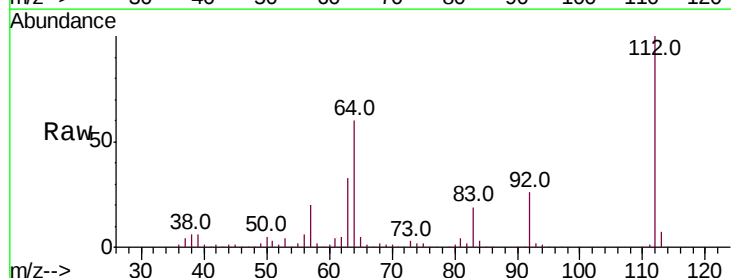
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



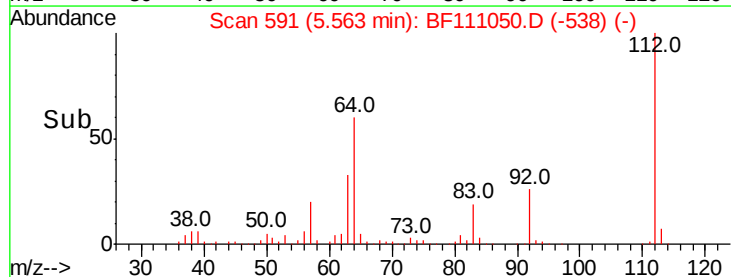
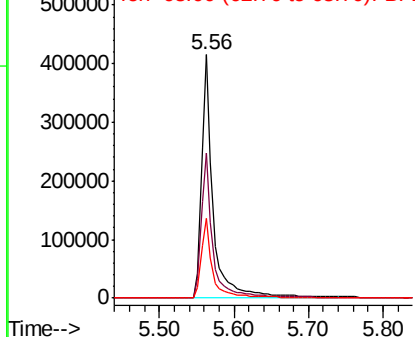
#5

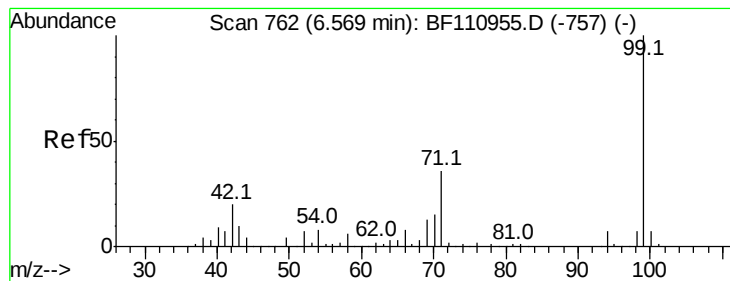
2-Fluorophenol
Concen: 124.717 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion:112 Resp: 464471
Ion Ratio Lower Upper
112 100
64 59.8 44.1 66.1
63 32.5 23.7 35.5



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: 133.748 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

Instrument :

BNA_F

ClientSampleId :

CS-CONCRETE

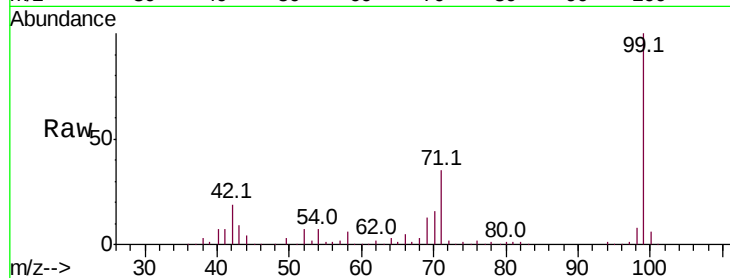
Tot Ion: 99 Resp: 649114

Ion Ratio Lower Upper

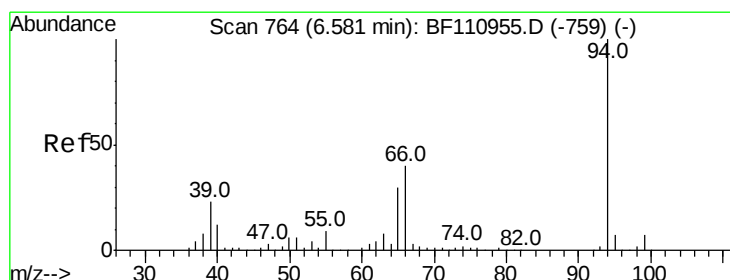
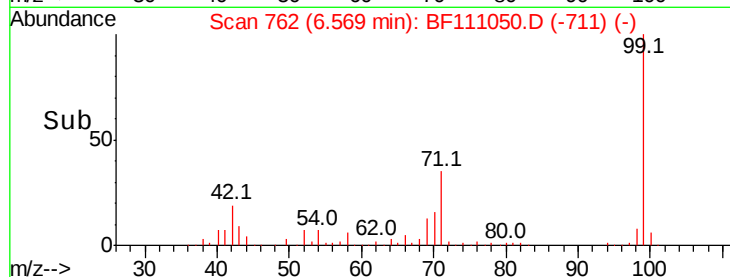
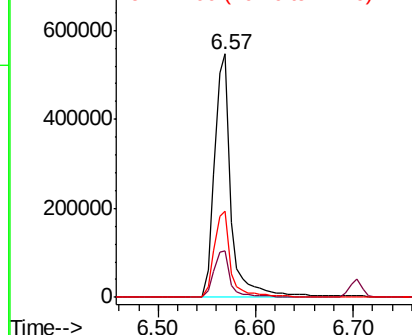
99 100

42 19.2 15.8 23.6

71 35.2 28.0 42.0



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



#10

Phenol

Concen: 3.450 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

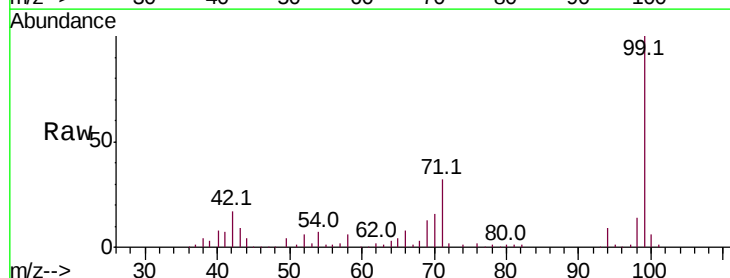
Tgt Ion: 94 Resp: 18857

Ion Ratio Lower Upper

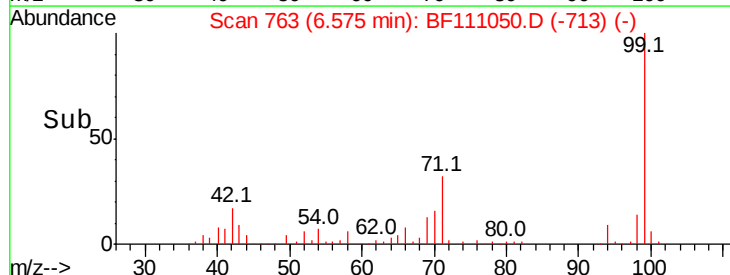
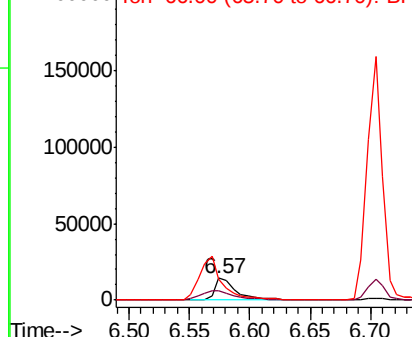
94 100

65 43.5 25.3 65.3

66 96.5 54.5 94.5#



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: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

Instrument :

BNA_F

ClientSampleId :

CS-CONCRETE

Tot Ion:136 Resp: 255879

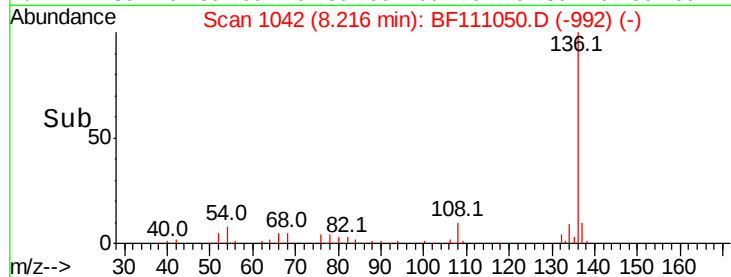
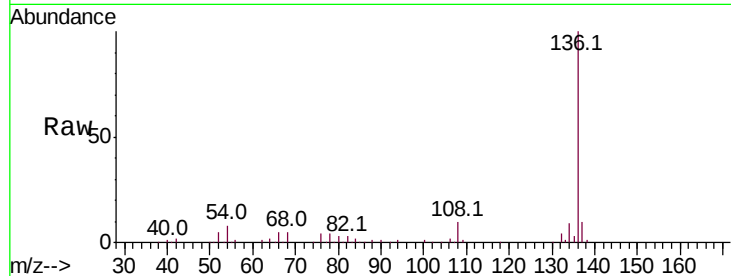
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 8.0 5.4 8.2

68 5.2 4.2 6.2

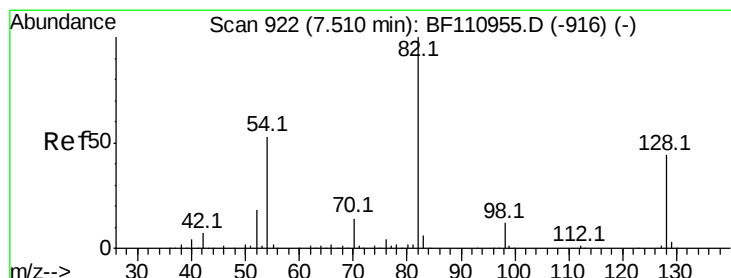
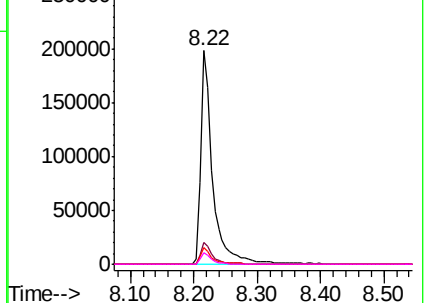


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.706 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

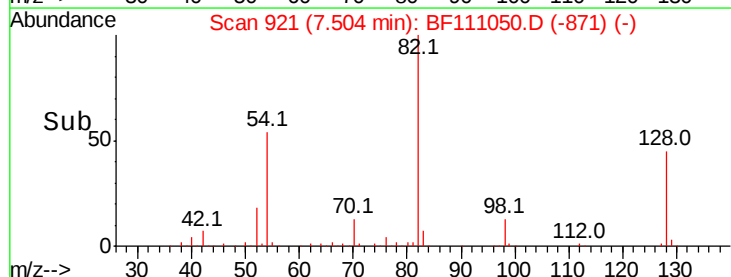
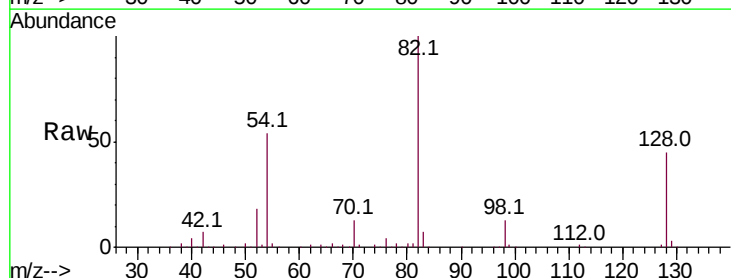
Tgt Ion: 82 Resp: 436844

Ion Ratio Lower Upper

82 100

128 45.3 34.2 51.2

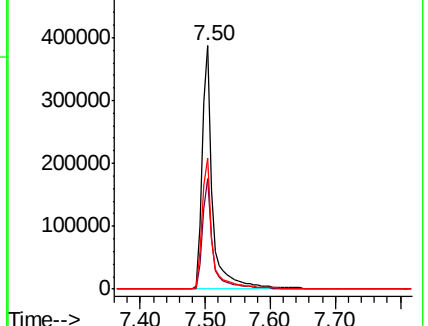
54 53.6 38.6 58.0

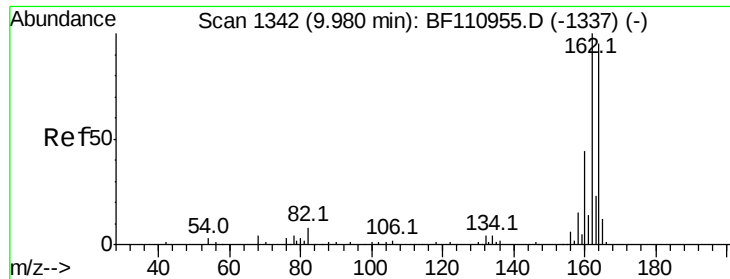


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

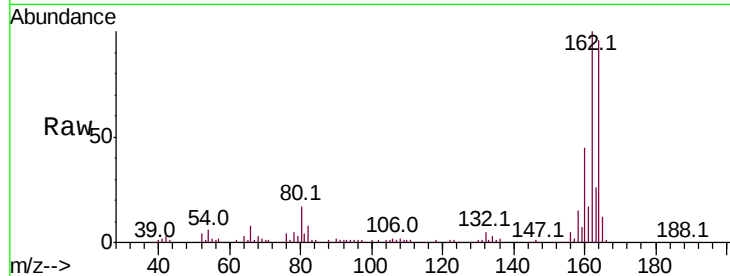




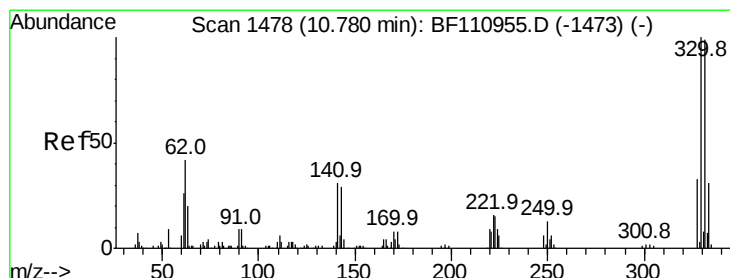
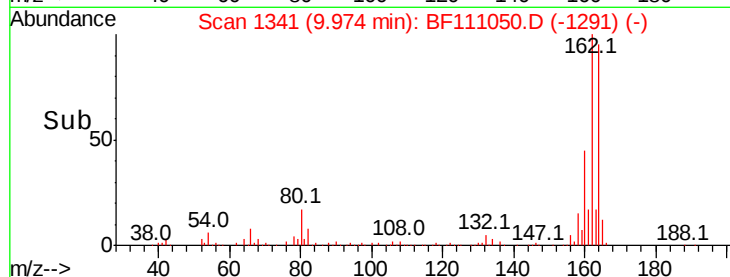
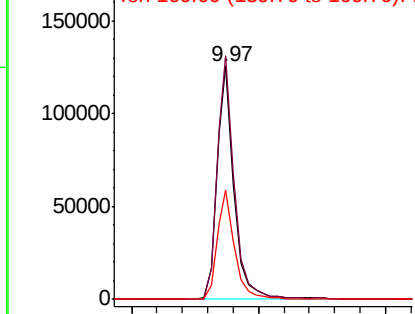
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Instrument :
BNA_F
ClientSampleId :
CS-CONCRETE

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.6
160	46.8	37.0	55.6

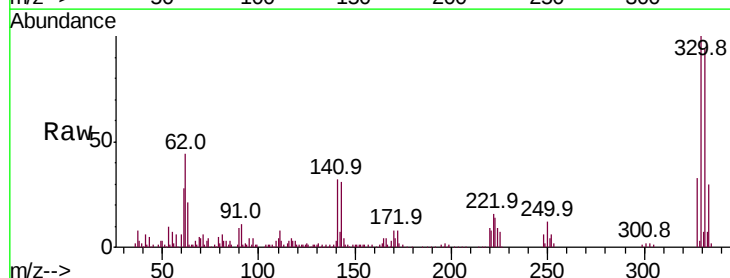


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

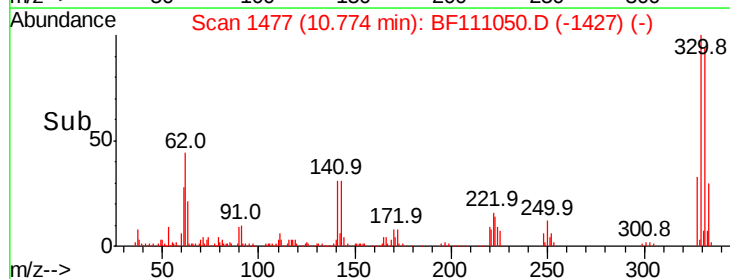
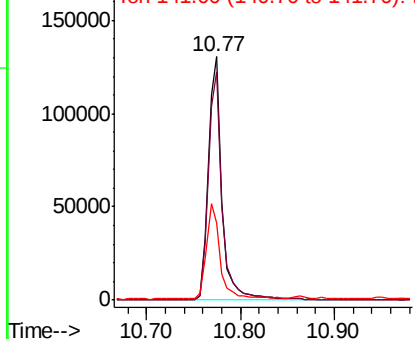


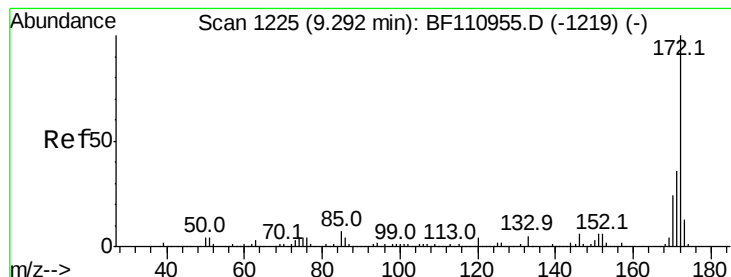
#42
2,4,6-Tribromophenol
Concen: 113.350 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	39.3	27.0	40.4



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: 97.765 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

Instrument :

BNA_F

ClientSampleId :

CS-CONCRETE

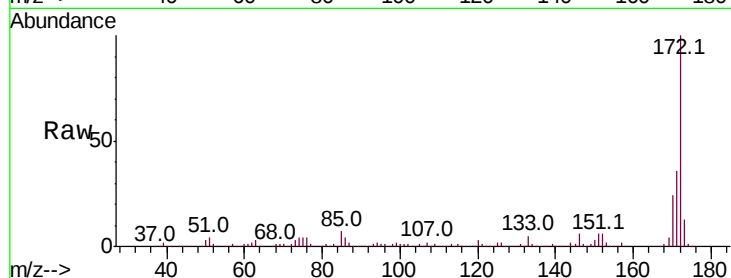
Tot Ion:172 Resp: 805075

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

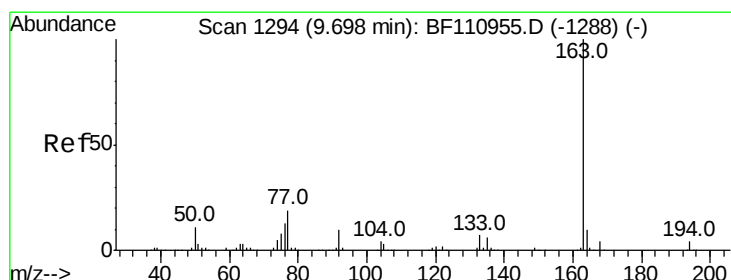
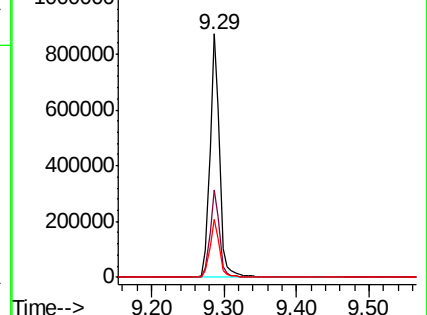
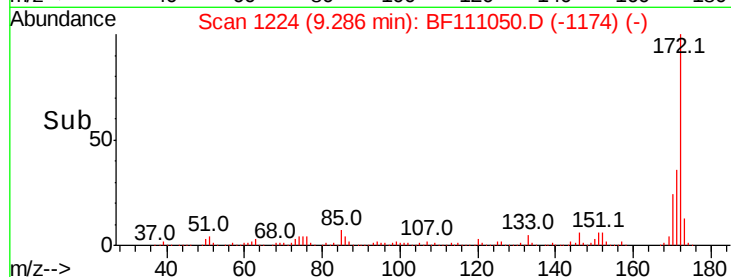
170 23.8 19.7 29.5



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: 4.316 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

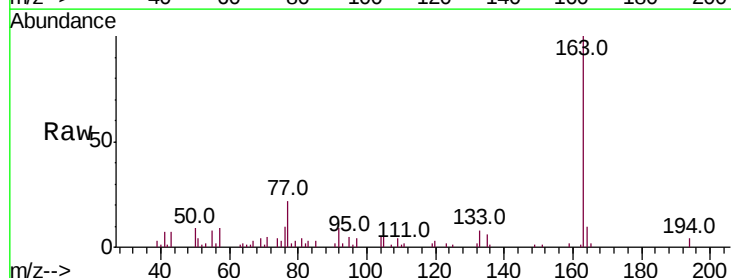
Tgt Ion:163 Resp: 37766

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

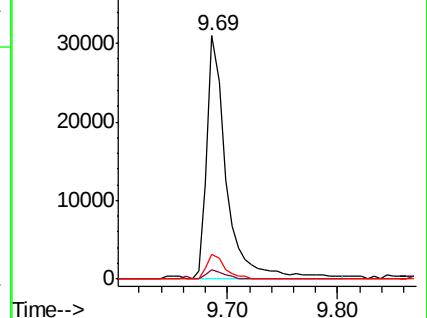
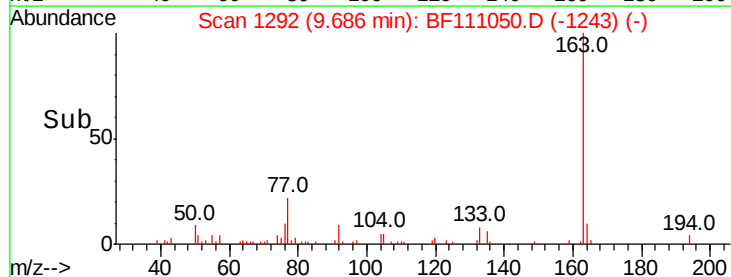
164 10.1 8.1 12.1

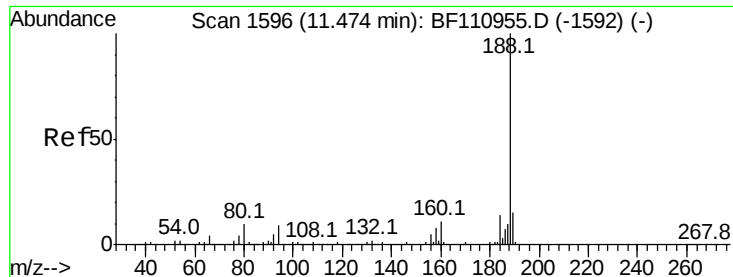


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

Instrument :

BNA_F

ClientSampleId :

CS-CONCRETE

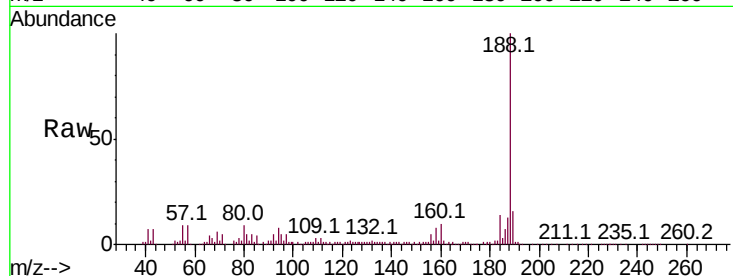
Tot Ion:188 Resp: 199332

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

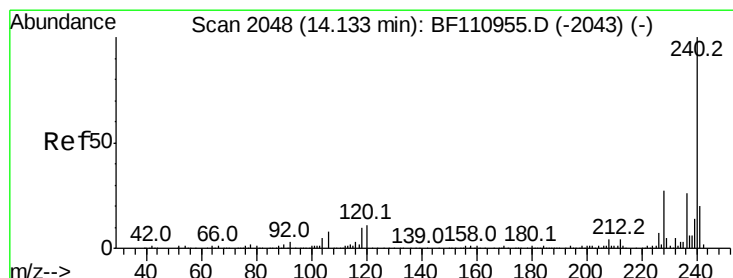
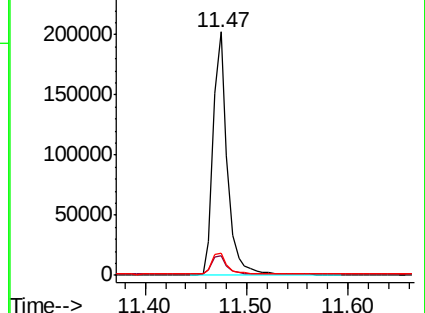
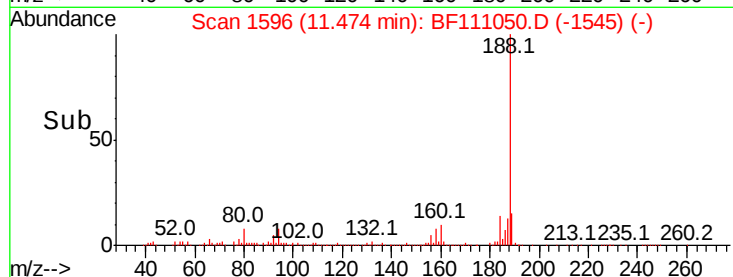
80 8.9 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

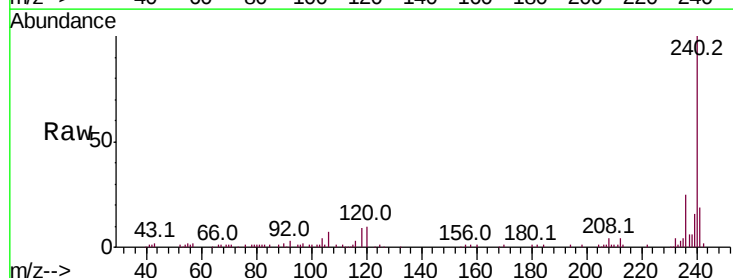
Tgt Ion:240 Resp: 117633

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

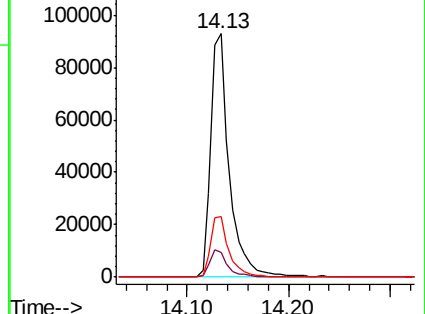
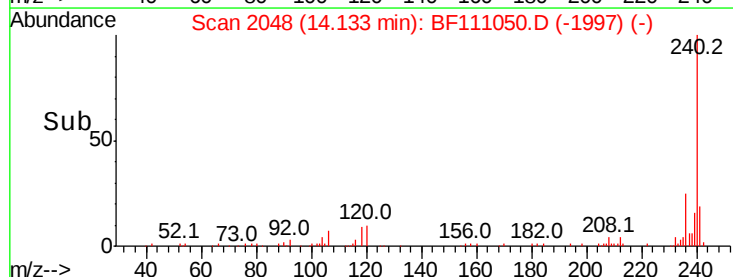
236 25.0 21.2 31.8

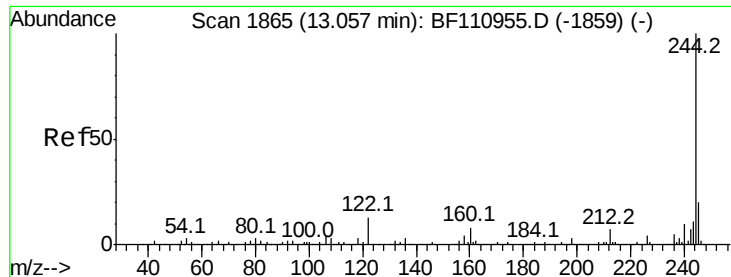


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.691 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

Instrument :

BNA_F

ClientSampleId :

CS-CONCRETE

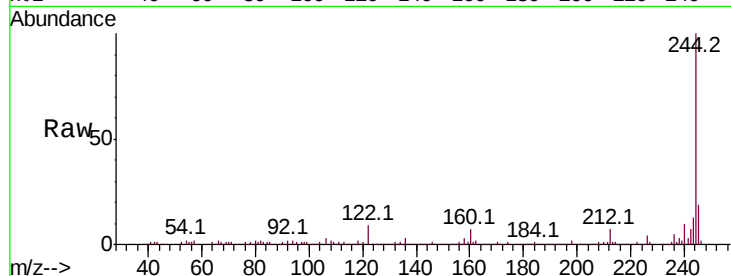
Tot Ion:244 Resp: 602418

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

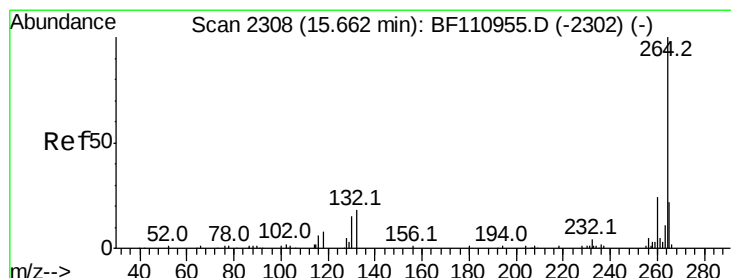
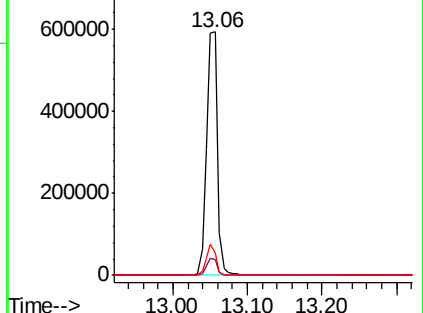
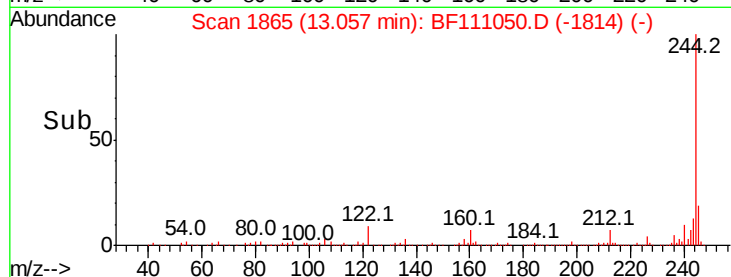
122 9.3 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

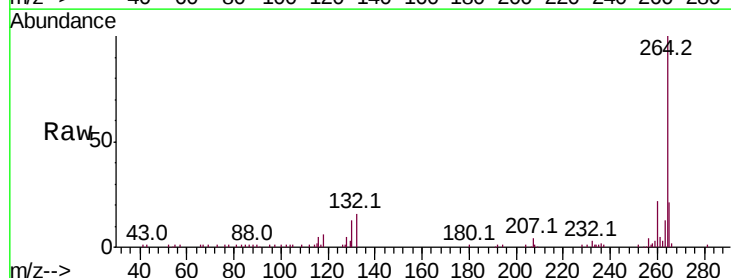
Tgt Ion:264 Resp: 119291

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 20.6 16.7 25.1



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

