

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111695.D
 Acq On : 21 Dec 2018 18:51
 Operator : JU/SJ
 Sample : J6391-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-0006-01

Quant Time: Dec 22 00:11:49 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

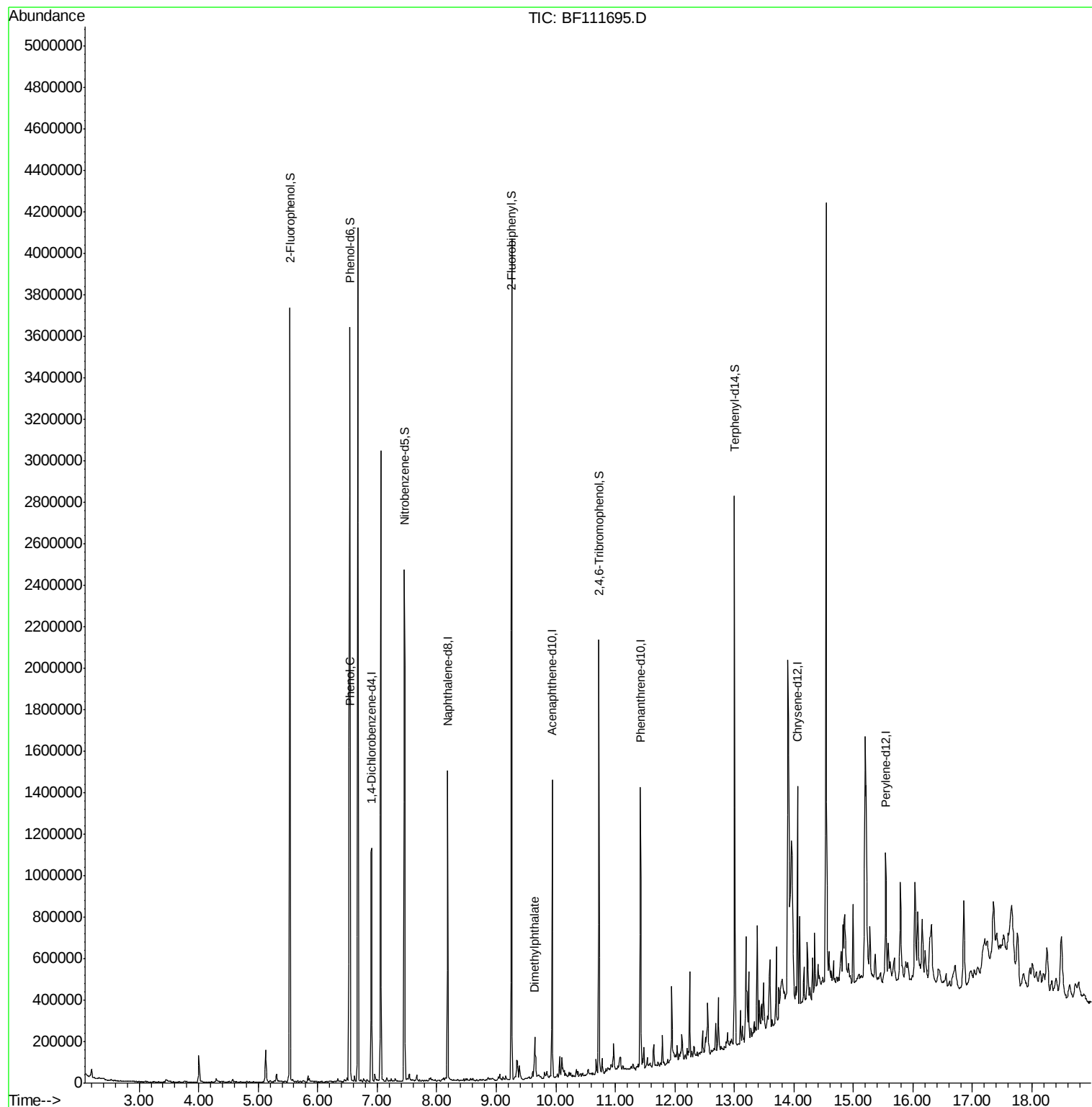
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	166665	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	597096	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	263916	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	451910	20.00	ng	0.00
76) Chrysene-d12	14.06	240	372091	20.00	ng	0.01
87) Perylene-d12	15.54	264	305721	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	935831	95.71	ng	0.02
7) Phenol-d6	6.54	99	1185005	95.23	ng	0.02
23) Nitrobenzene-d5	7.46	82	755796	73.68	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	256588	82.28	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1129338	62.37	ng	0.00
79) Terphenyl-d14	13.00	244	897037	45.72	ng	0.00
Target Compounds						
10) Phenol	6.55	94	70045	4.989	ng	95
50) Dimethylphthalate	9.65	163	67431	3.494	ng	98

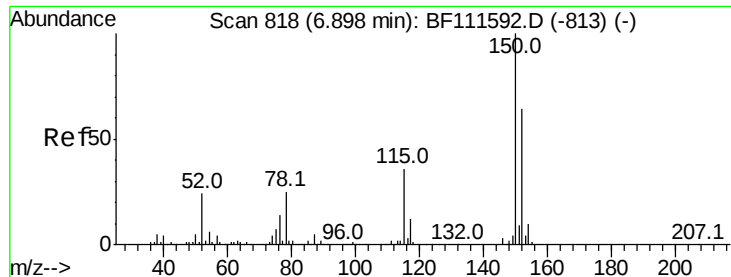
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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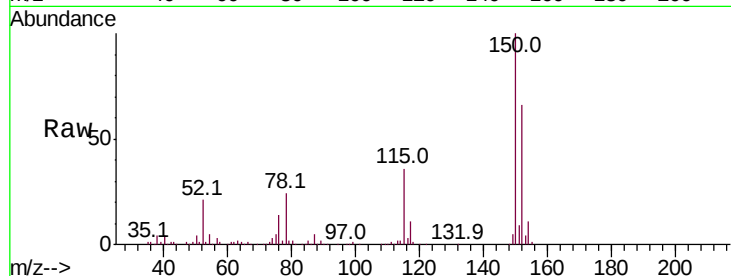


#1

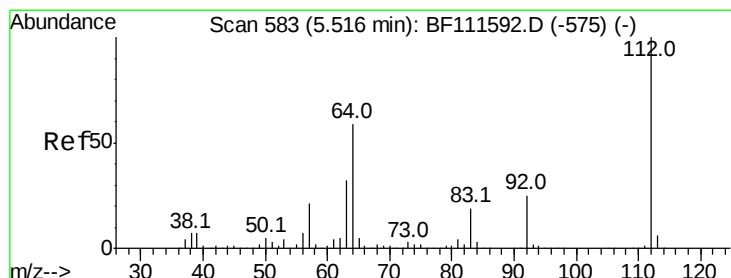
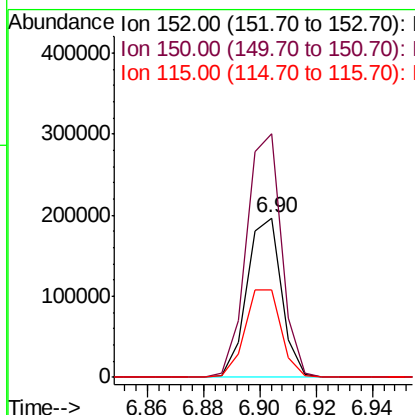
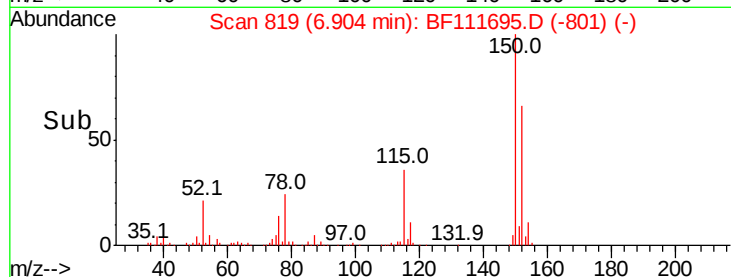
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111695.D
 Acq: 21 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.6	189.8
115	54.8	50.7	76.1



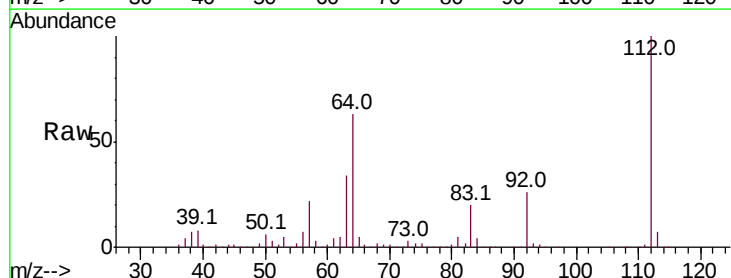
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



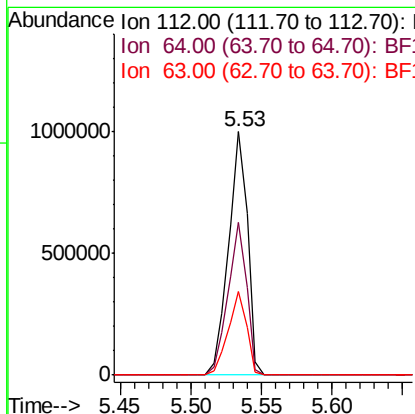
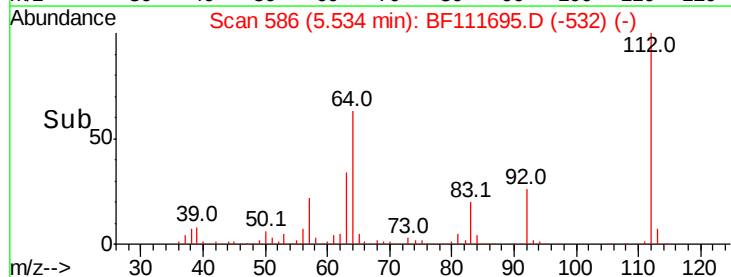
#5

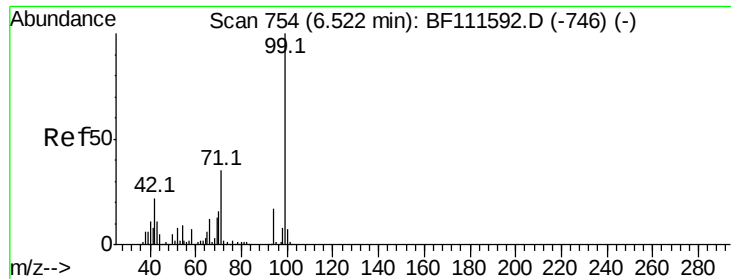
2-Fluorophenol
 Concen: 95.710 ng
 RT: 5.53 min Scan# 586
 Delta R.T. 0.02 min
 Lab File: BF111695.D
 Acq: 21 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	51.8	77.6
63	34.5	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: 95.230 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS018-0006-01

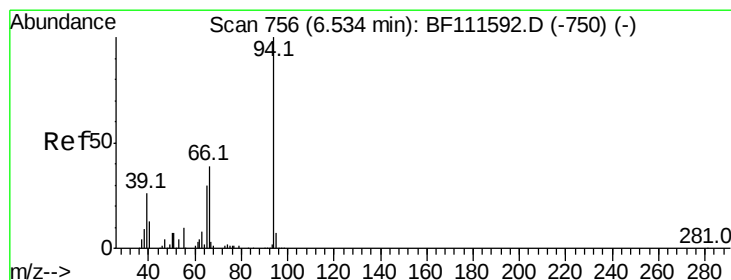
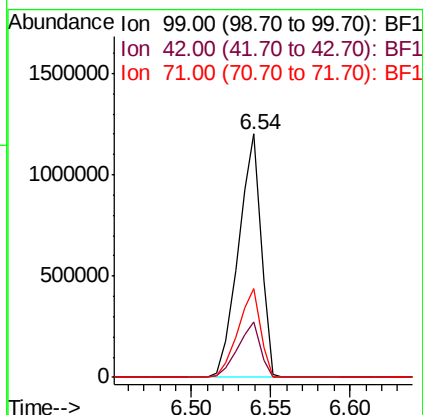
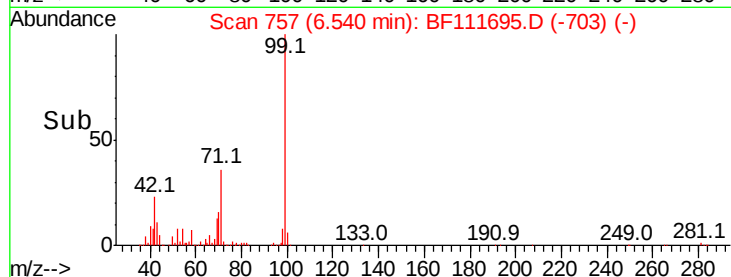
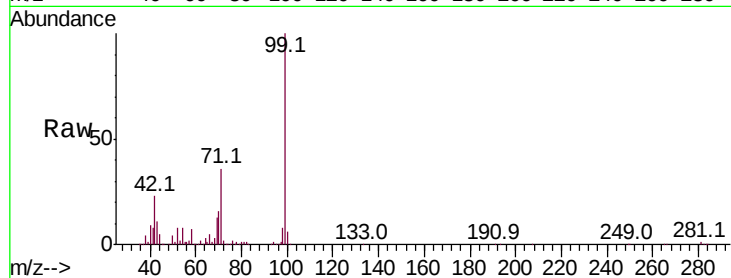
Tot Ion: 99 Resp: 1185005

Ion Ratio Lower Upper

99 100

42 22.6 17.4 26.0

71 36.5 26.1 39.1



#10

Phenol

Concen: 4.989 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

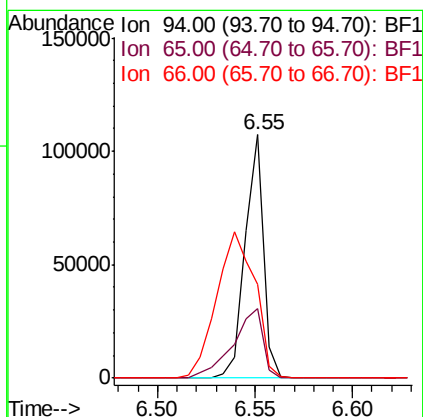
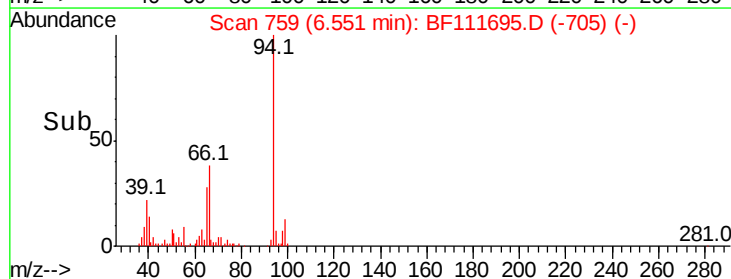
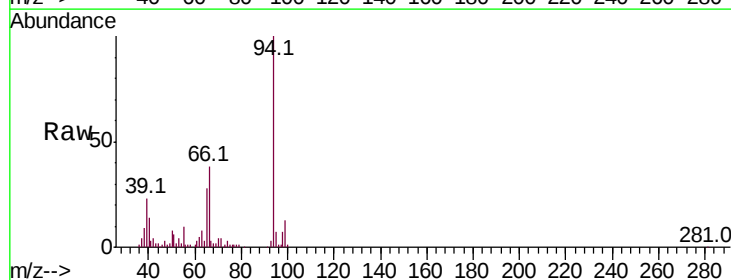
Tgt Ion: 94 Resp: 70045

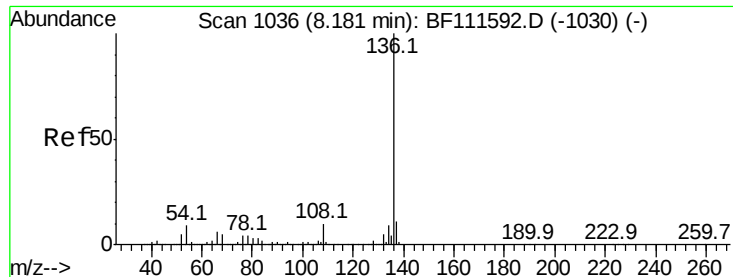
Ion Ratio Lower Upper

94 100

65 28.4 11.7 51.7

66 38.5 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS018-0006-01

Tot Ion:136 Resp: 597096

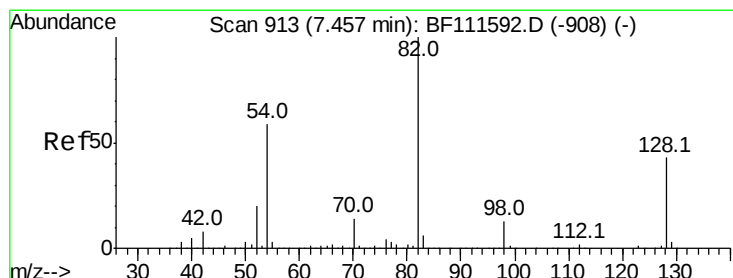
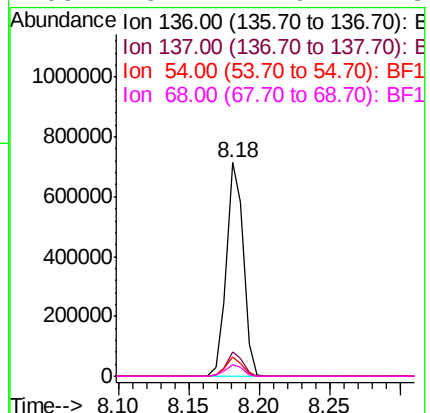
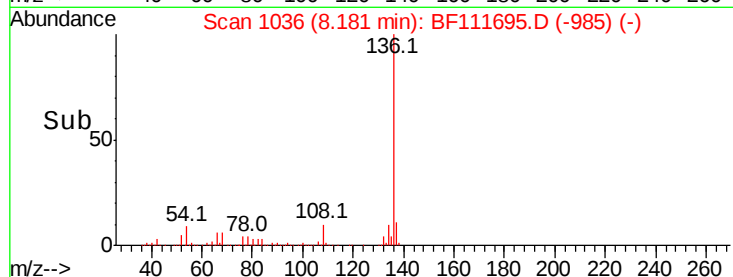
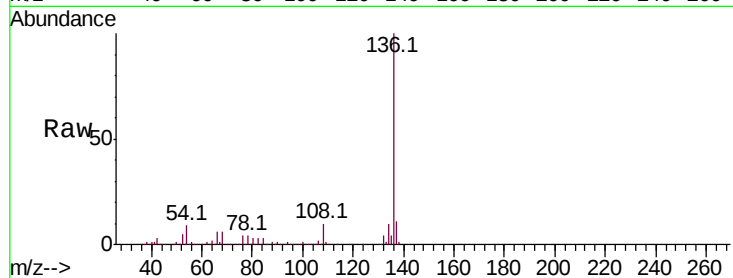
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.0 7.7 11.5

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 73.679 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

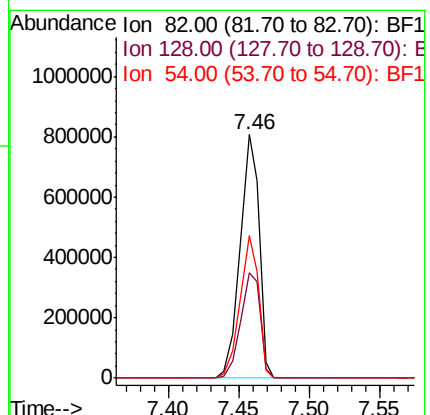
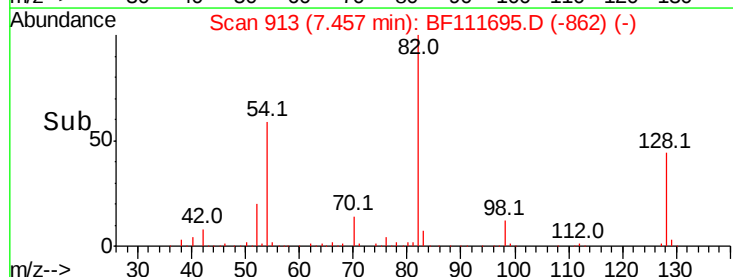
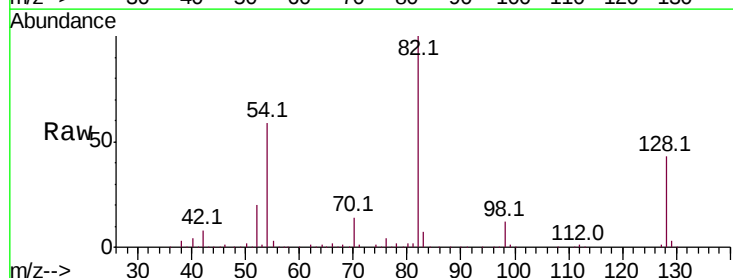
Tgt Ion: 82 Resp: 755796

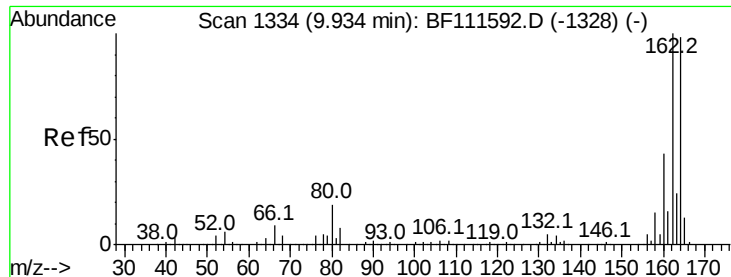
Ion Ratio Lower Upper

82 100

128 43.5 37.4 56.2

54 58.8 47.6 71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS018-0006-01

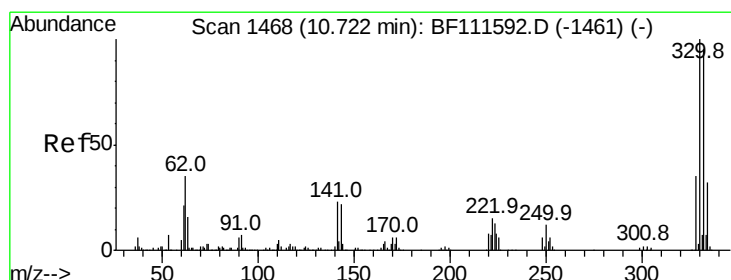
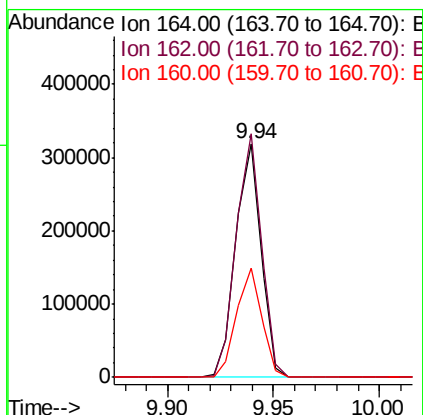
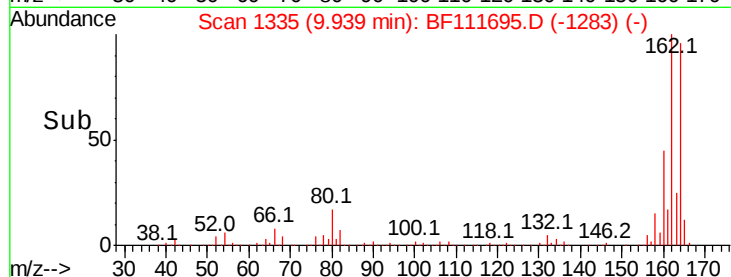
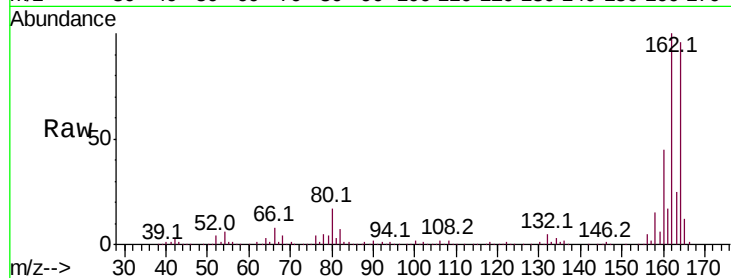
Tot Ion:164 Resp: 263916

Ion Ratio Lower Upper

164 100

162 104.2 81.4 122.0

160 46.6 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 82.283 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

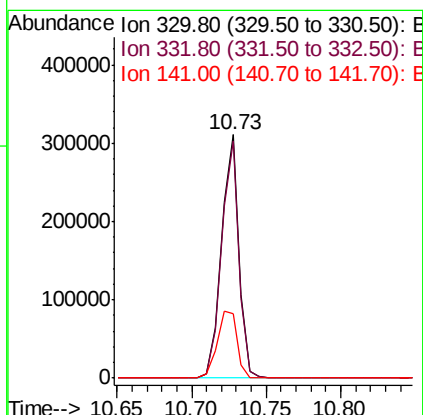
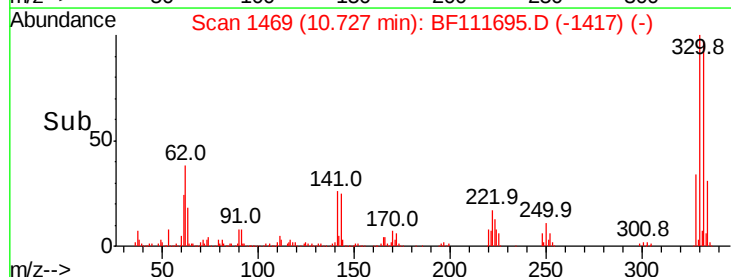
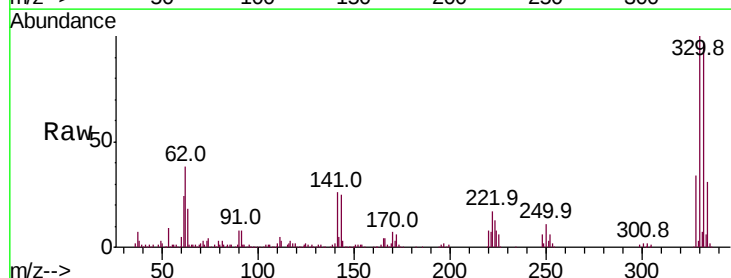
Tgt Ion:330 Resp: 256588

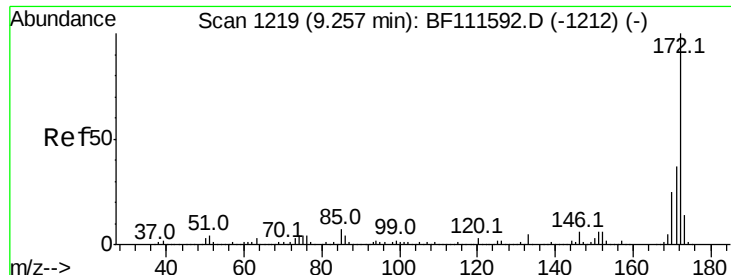
Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 30.9 31.0 46.6#



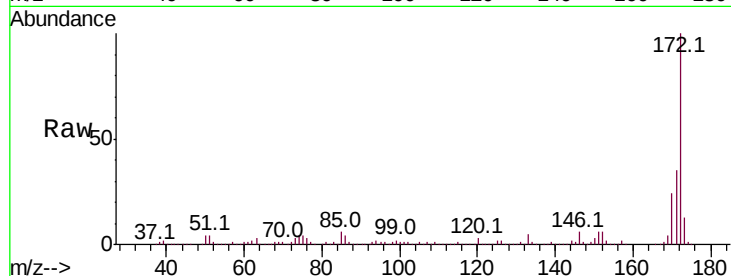


#45
 2-Fluorobiphenyl
 Concen: 62.372 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111695.D
 Acq: 21 Dec 2018 18:51

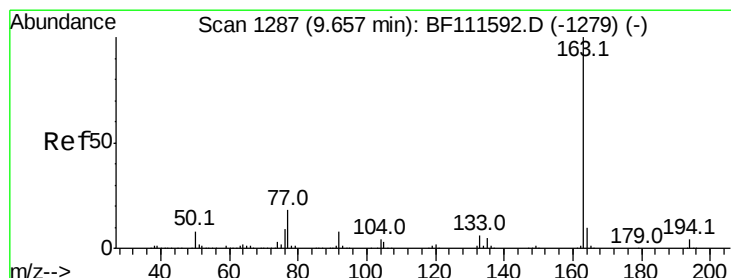
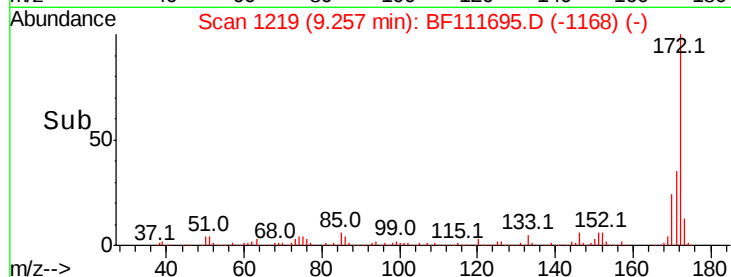
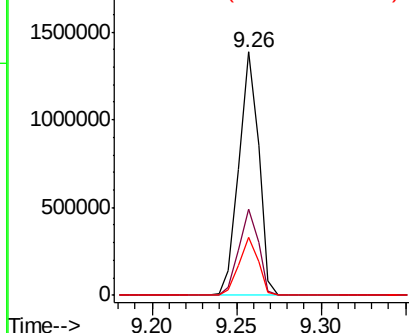
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-0006-01

Tot Ion:172 Resp: 1129338

Ion	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	24.0	22.3	33.5



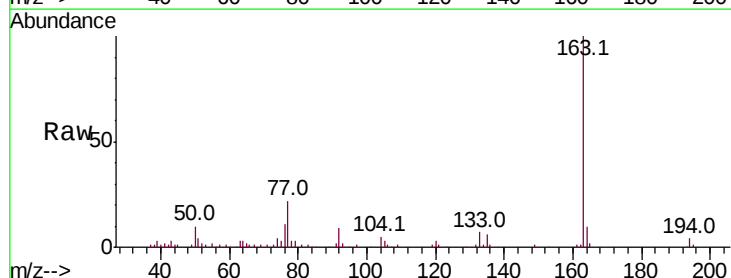
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



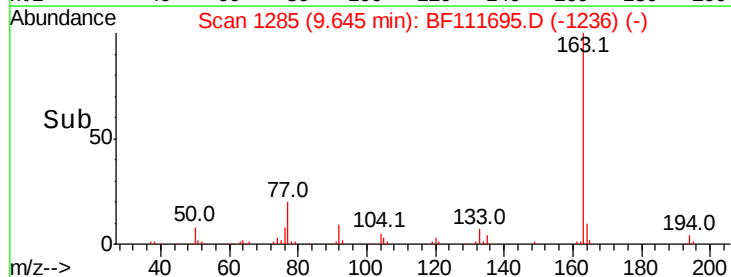
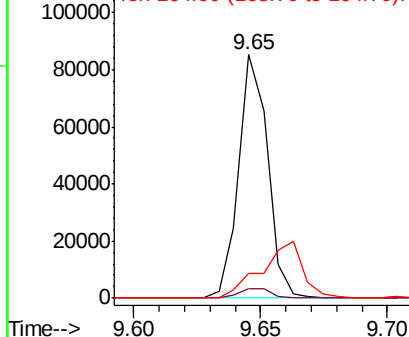
#50
 Dimethylphthalate
 Concen: 3.494 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF111695.D
 Acq: 21 Dec 2018 18:51

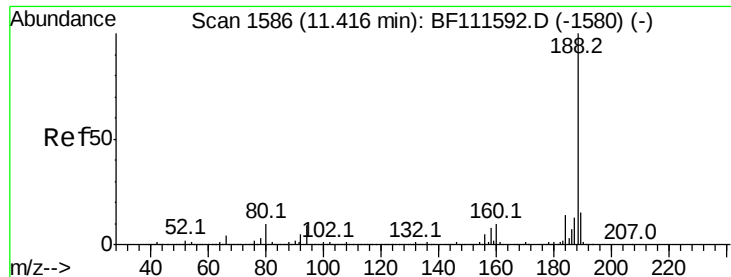
Tgt Ion:163 Resp: 67431

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	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: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS018-0006-01

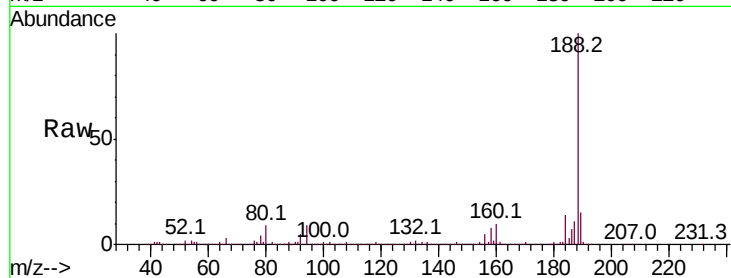
Tot Ion:188 Resp: 451910

Ion Ratio Lower Upper

188 100

94 8.6 9.6 14.4#

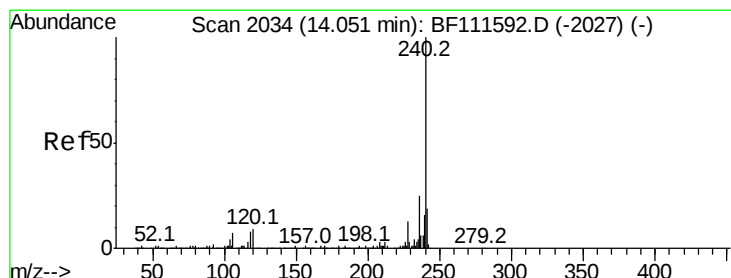
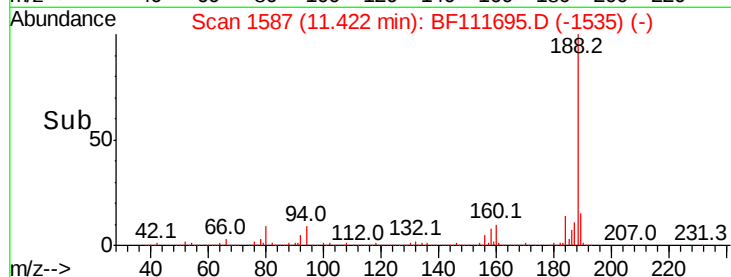
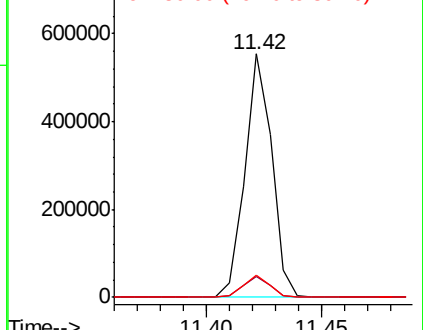
80 9.3 9.8 14.6#



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: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

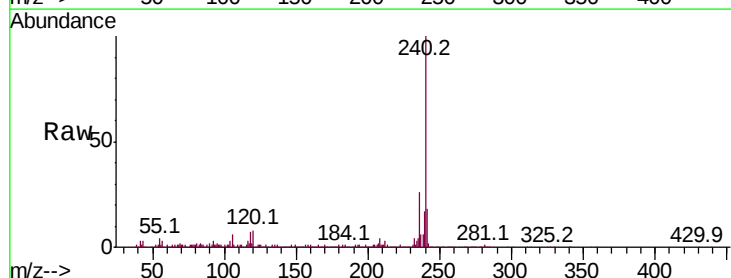
Tgt Ion:240 Resp: 372091

Ion Ratio Lower Upper

240 100

120 8.5 12.2 18.2#

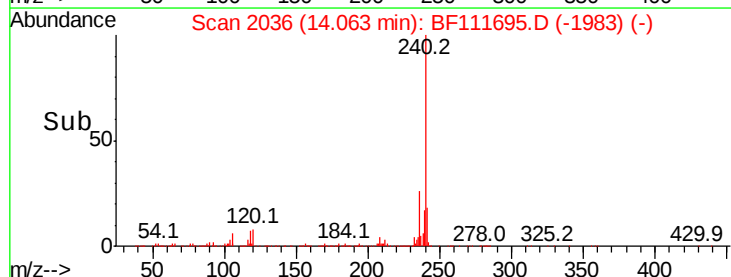
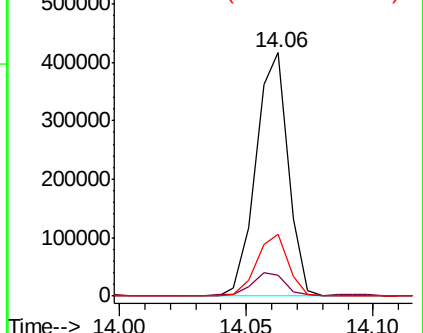
236 25.6 20.2 30.2

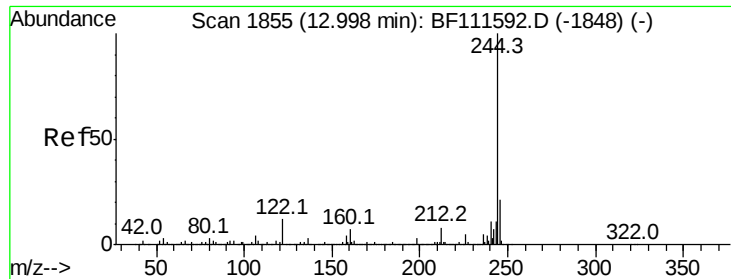


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 45.719 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

Instrument :

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P001-SS018-0006-01

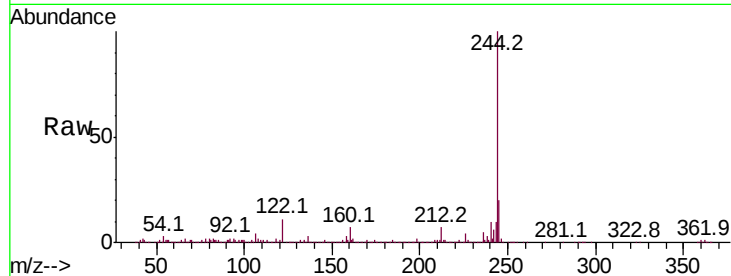
Tot Ion:244 Resp: 897037

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

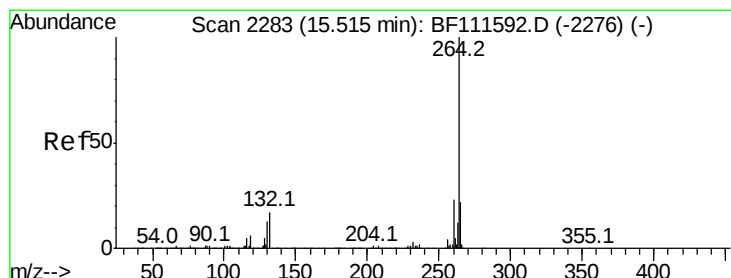
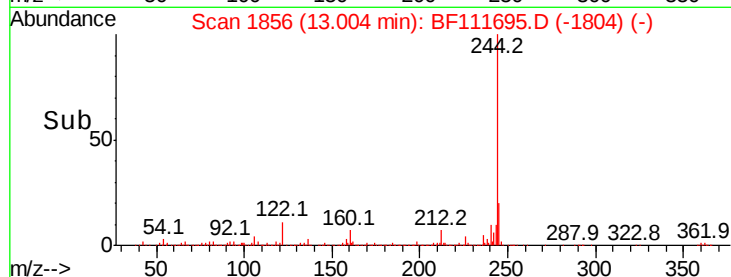
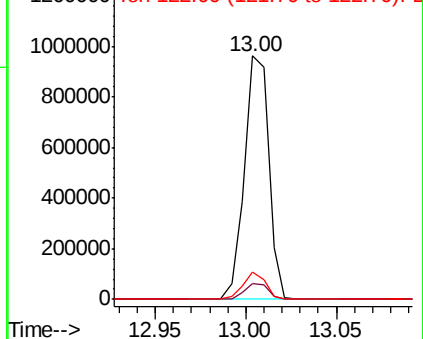
122 11.1 13.1 19.7#



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: 15.54 min Scan# 2288

Delta R.T. 0.03 min

Lab File: BF111695.D

Acq: 21 Dec 2018 18:51

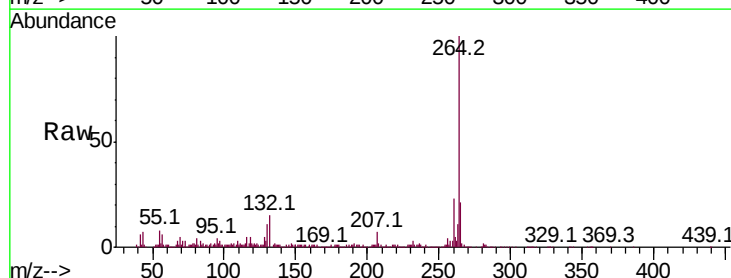
Tgt Ion:264 Resp: 305721

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 20.6 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

