

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108293.D
 Acq On : 20 Aug 2018 16:43
 Operator : JU/SJ
 Sample : J4502-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BROWN-FRAC-TANKRE

Quant Time: Aug 20 17:20:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

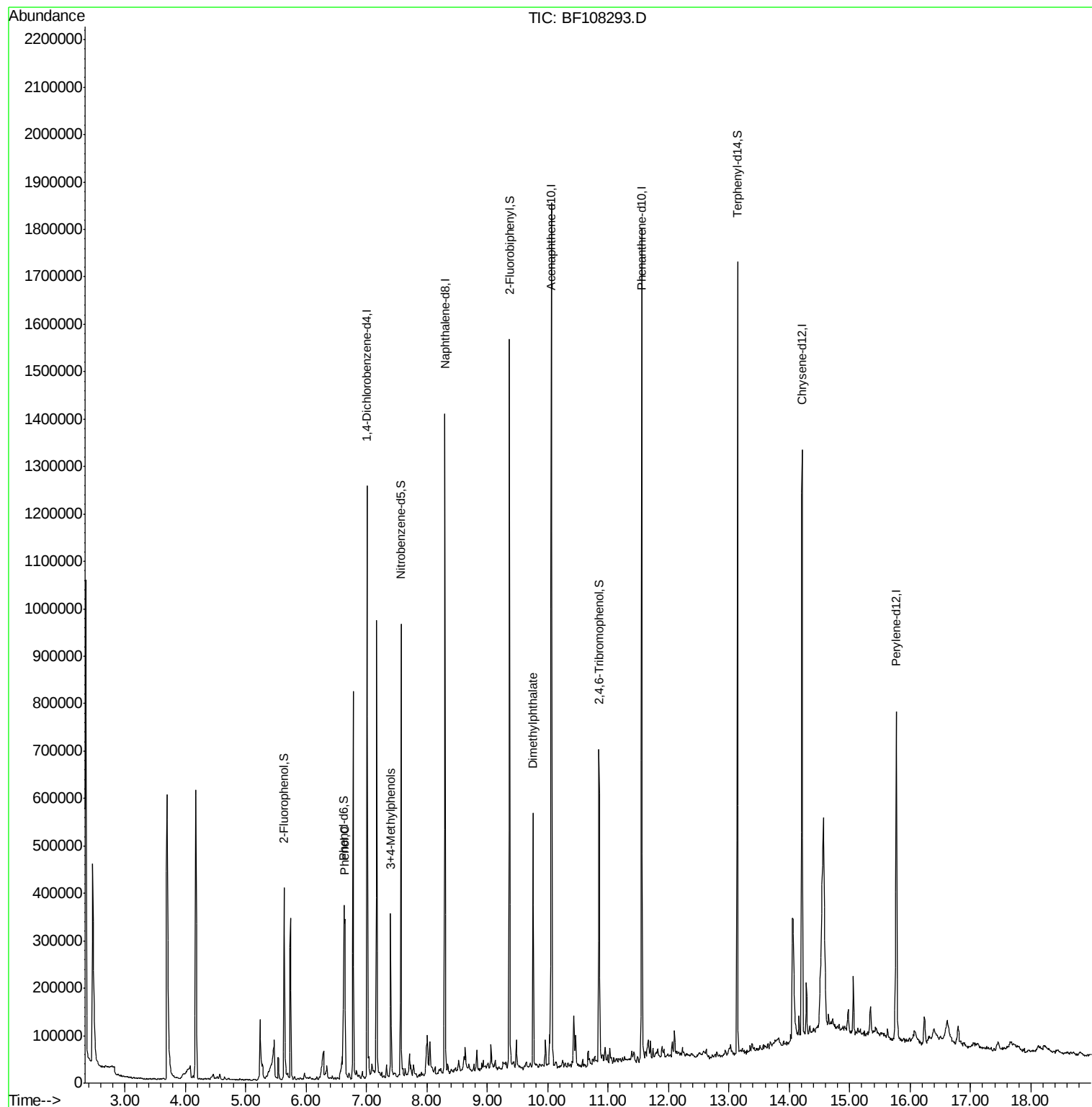
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	162091	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	635798	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	335193	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	664088	20.00	ng	0.00
75) Chrysene-d12	14.21	240	439802	20.00	ng	0.00
86) Perylene-d12	15.77	264	355275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	125769	14.05	ng	0.00
7) Phenol-d6	6.62	99	116101	9.76	ng	0.00
23) Nitrobenzene-d5	7.57	82	272656	23.93	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	81940	24.51	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	496756	23.79	ng	0.00
78) Terphenyl-d14	13.14	244	548744	31.72	ng	0.00
Target Compounds						
10) Phenol	6.64	94	90861	7.383	ng	93
20) 3+4-Methylphenols	7.40	107	84801	7.653	ng	89
49) Dimethylphthalate	9.76	163	195048	8.354	ng	99

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

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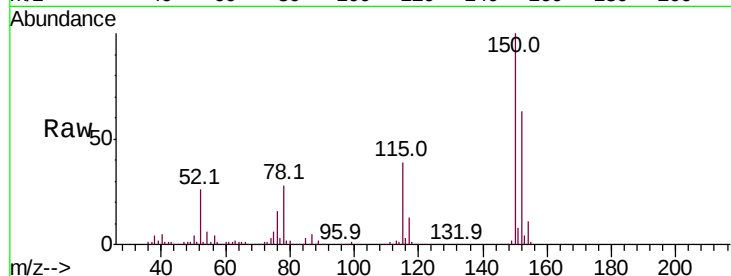


#1

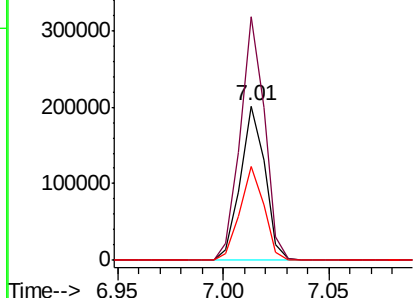
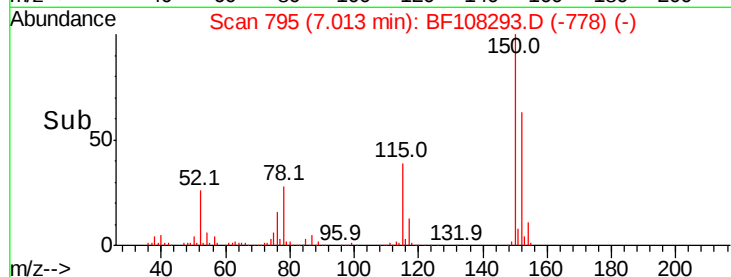
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tot Ion:152 Resp: 162091
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.2 50.1 75.1



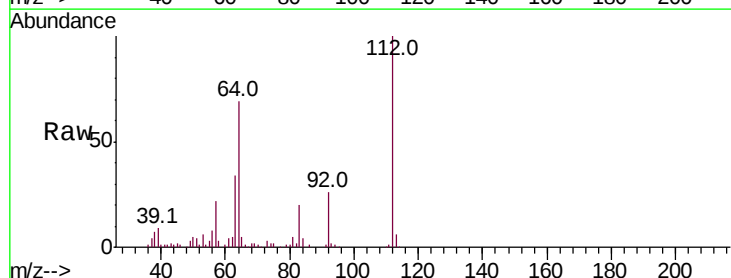
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



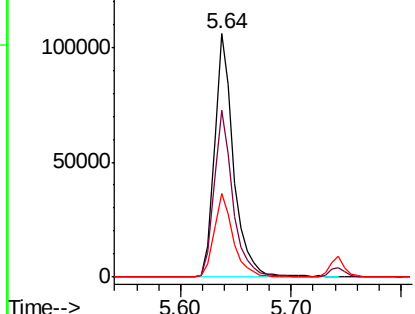
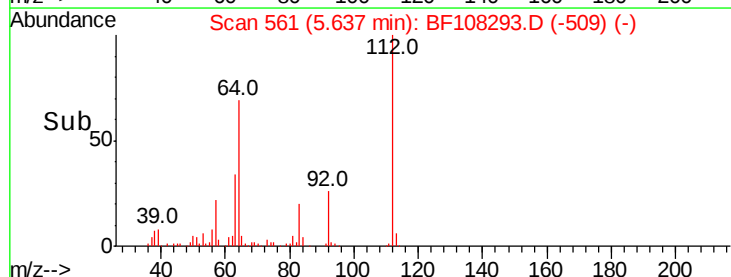
#5

2-Fluorophenol
Concen: 14.048 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Tgt Ion:112 Resp: 125769
Ion Ratio Lower Upper
112 100
64 68.6 47.9 71.9
63 34.2 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: 9.759 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108293.D

Acq: 20 Aug 2018 16:43

Instrument :

BNA_F

ClientSampleId :

BROWN-FRAC-TANKRE

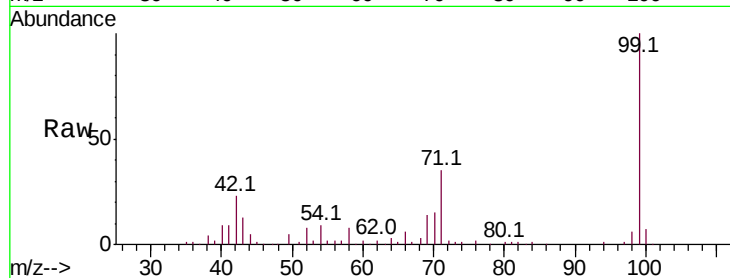
Tot Ion: 99 Resp: 116101

Ion Ratio Lower Upper

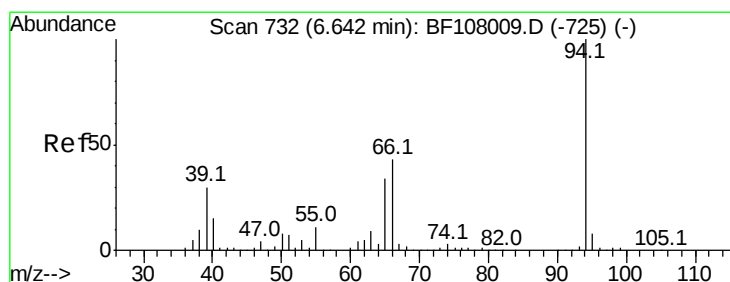
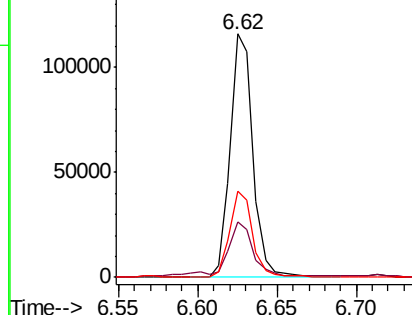
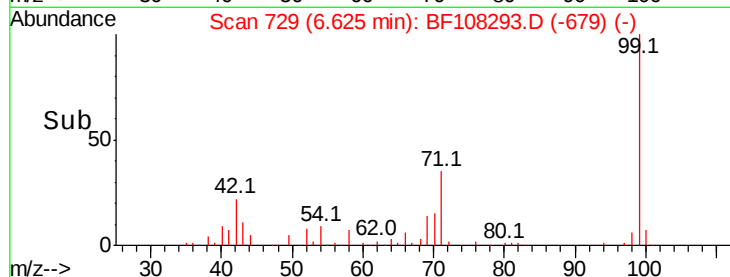
99 100

42 23.0 14.5 21.7#

71 35.5 25.4 38.0



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: 7.383 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF108293.D

Acq: 20 Aug 2018 16:43

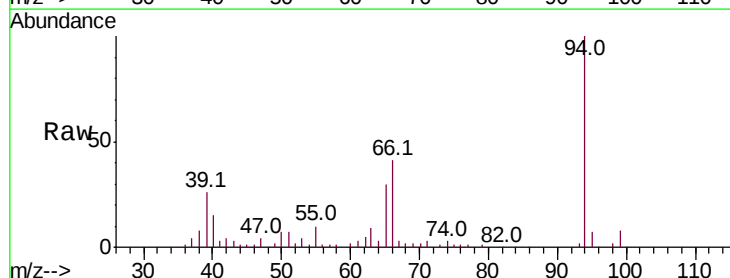
Tgt Ion: 94 Resp: 90861

Ion Ratio Lower Upper

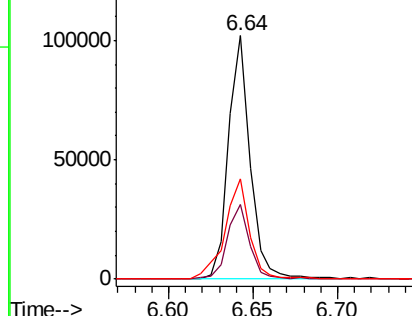
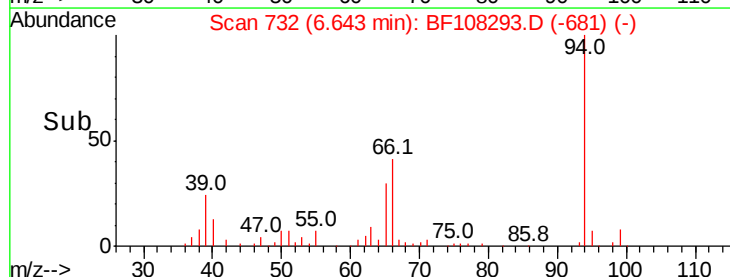
94 100

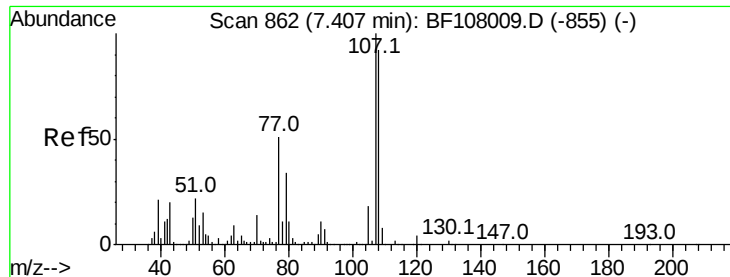
65 30.5 7.9 47.9

66 41.0 16.2 56.2



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





#20

3+4-Methylphenols

Concen: 7.653 ng

RT: 7.40 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF108293.D

Acq: 20 Aug 2018 16:43

Instrument :

BNA_F

ClientSampleId :

BROWN-FRAC-TANKRE

Tot Ion:107 Resp: 84801

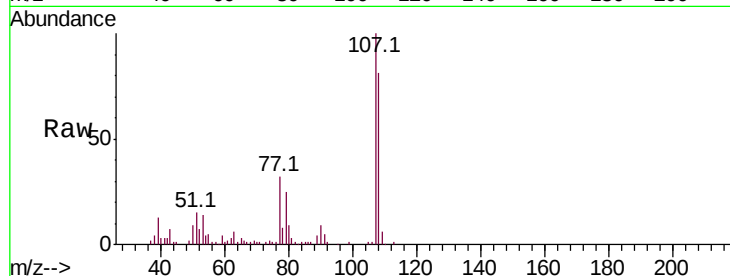
Ion Ratio Lower Upper

107 100

108 80.7 68.2 108.2

77 32.0 26.7 66.7

79 24.5 6.3 46.3

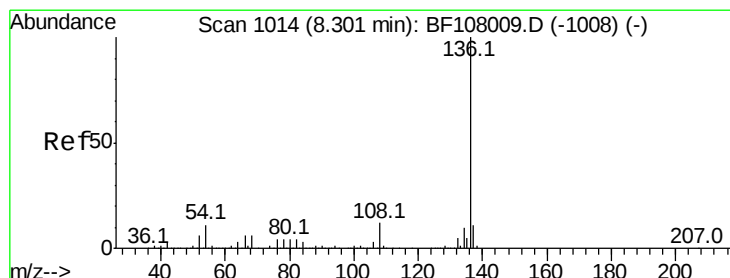
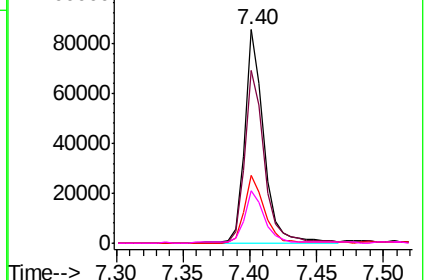
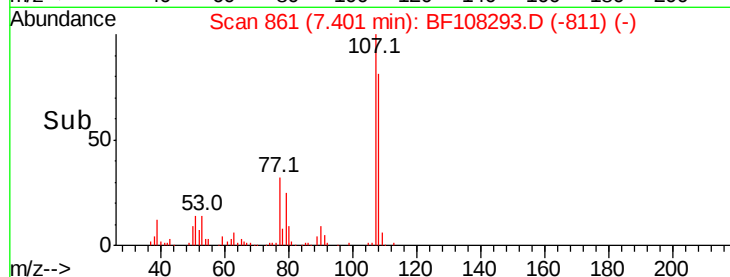


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108293.D

Acq: 20 Aug 2018 16:43

Tgt Ion:136 Resp: 635798

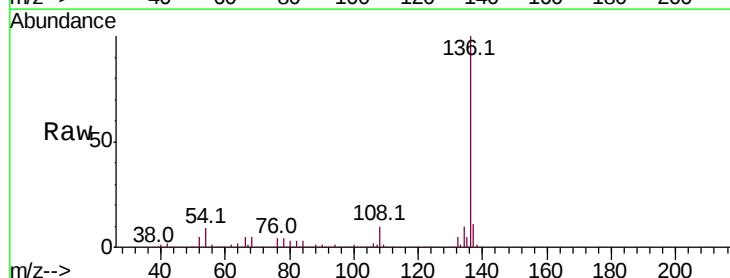
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.6 6.6 9.8

68 5.5 5.0 7.4

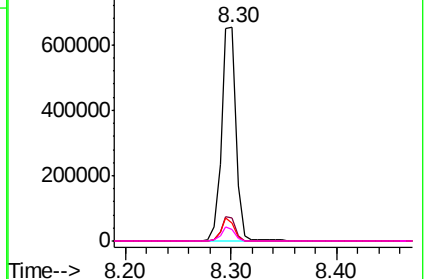
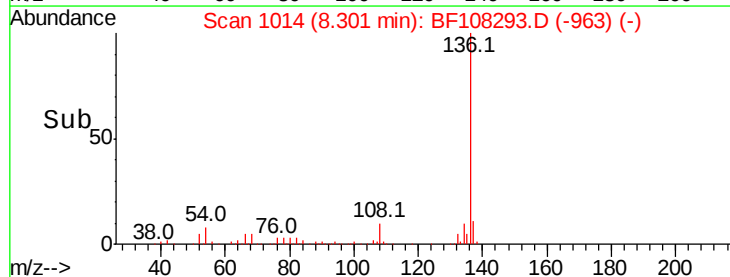


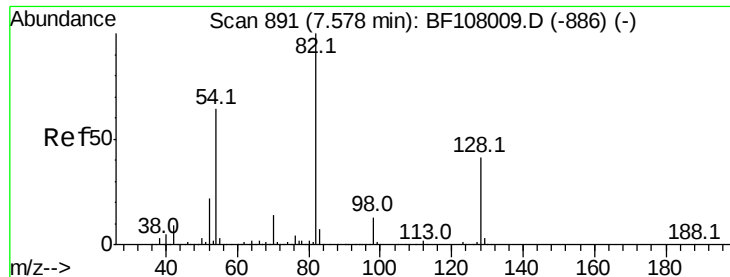
Abundance Ion 136.00 (135.70 to 136.70): E

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

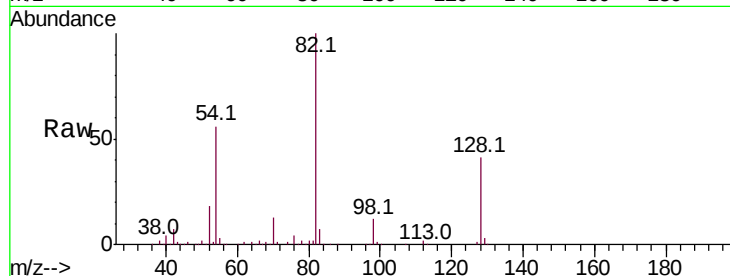




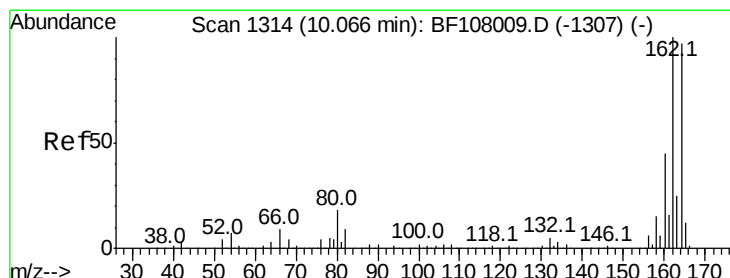
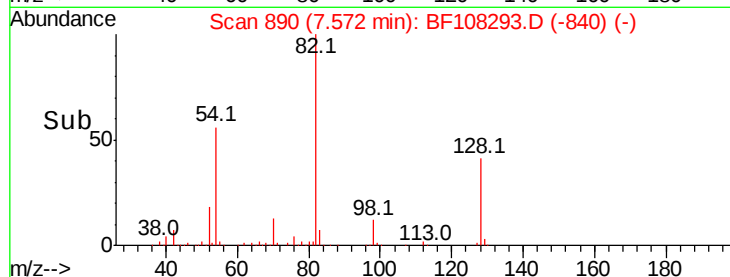
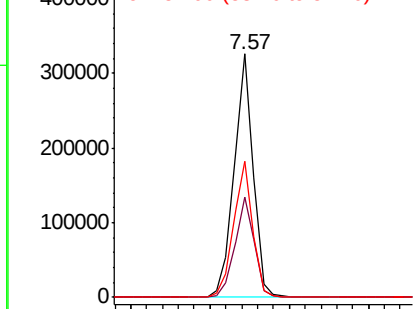
#23
 Nitrobenzene-d5
 Concen: 23.930 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108293.D
 Acq: 20 Aug 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 BROWN-FRAC-TANKRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	55.7	41.4	62.2

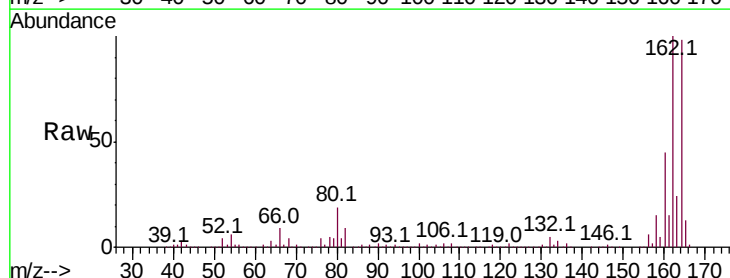


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

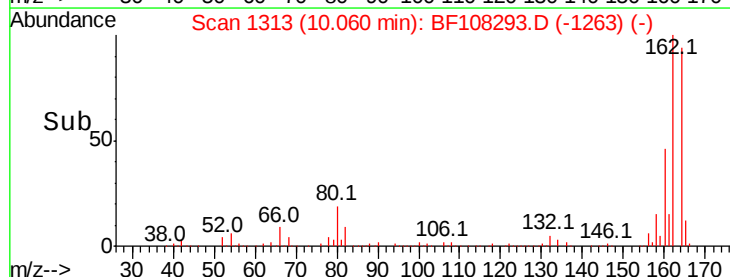
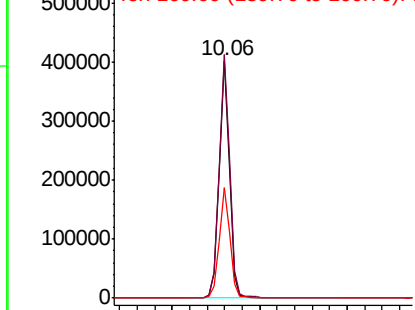


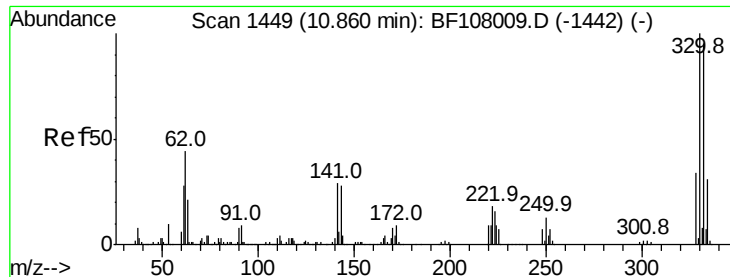
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108293.D
 Acq: 20 Aug 2018 16:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.6	38.3	57.5



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

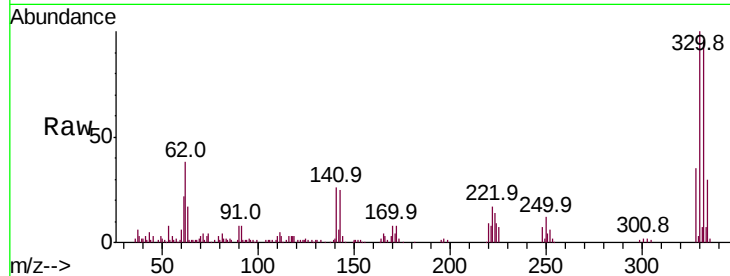




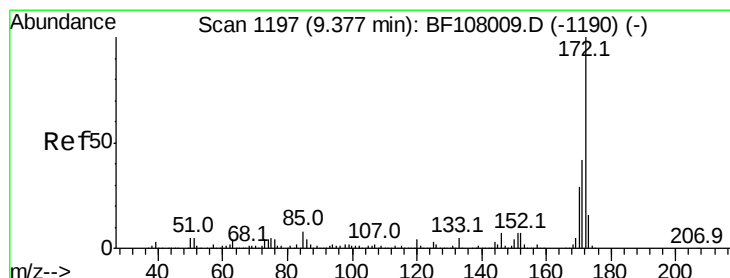
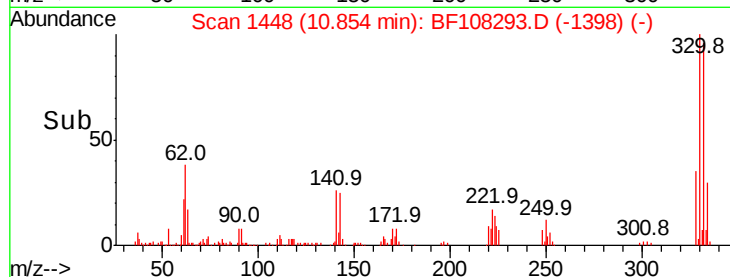
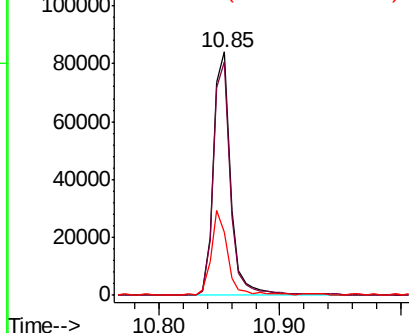
#41
 2,4,6-Tribromophenol
 Concen: 24.508 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108293.D
 Acq: 20 Aug 2018 16:43

Instrument :
 BNA_F
 ClientSampleId :
 BROWN-FRAC-TANKRE

Tot Ion:330 Resp: 81940
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 33.9 29.9 44.9

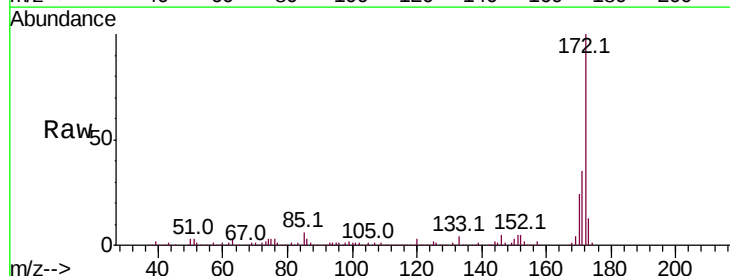


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

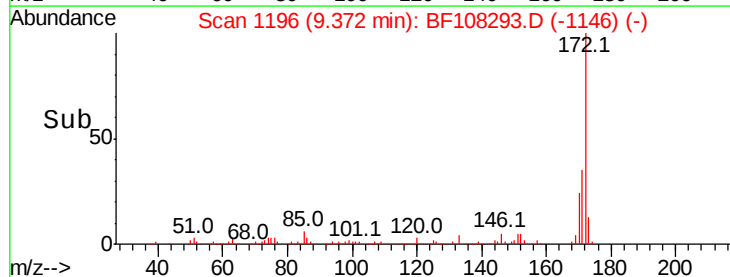
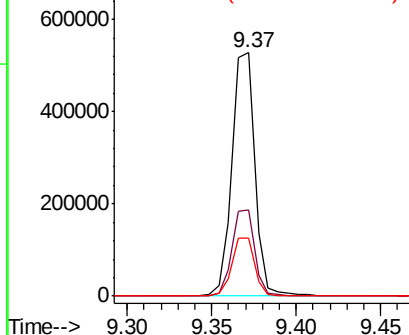


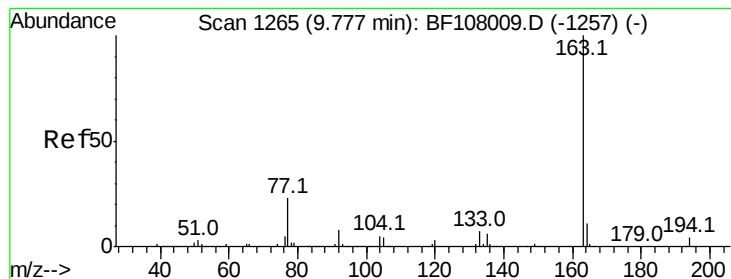
#44
 2-Fluorobiphenyl
 Concen: 23.793 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108293.D
 Acq: 20 Aug 2018 16:43

Tgt Ion:172 Resp: 496756
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.7 19.6 29.4



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





#49

Dimethylphthalate

Concen: 8.354 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108293.D

Acq: 20 Aug 2018 16:43

Instrument :

BNA_F

ClientSampleId :

BROWN-FRAC-TANKRE

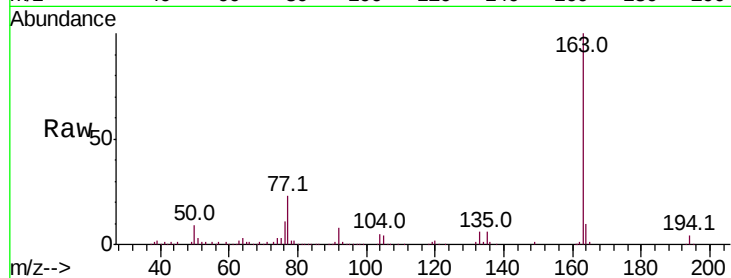
Tot Ion:163 Resp: 195048

Ion Ratio Lower Upper

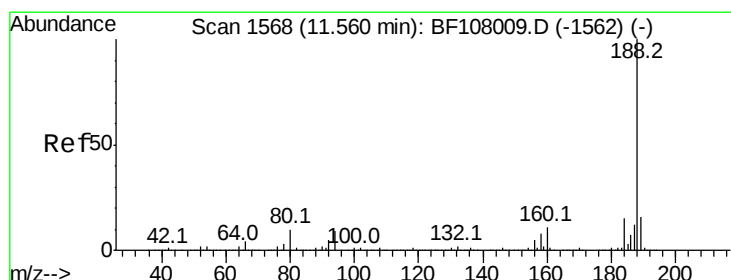
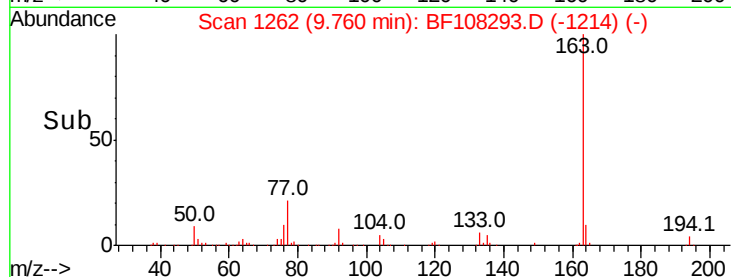
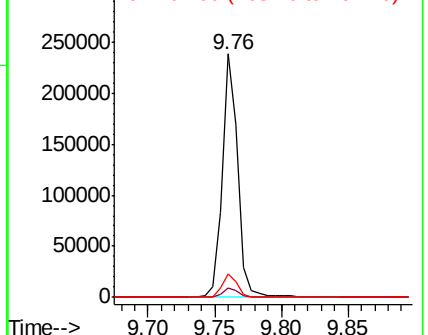
163 100

194 4.0 2.7 4.1

164 9.9 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108293.D

Acq: 20 Aug 2018 16:43

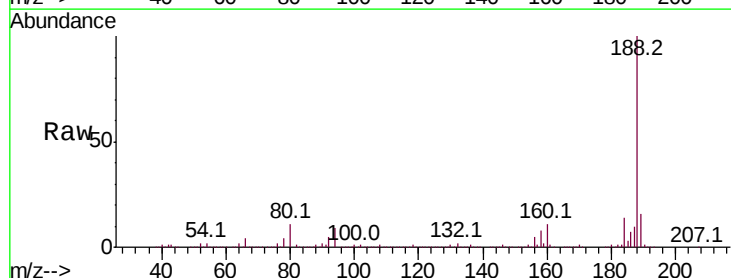
Tgt Ion:188 Resp: 664088

Ion Ratio Lower Upper

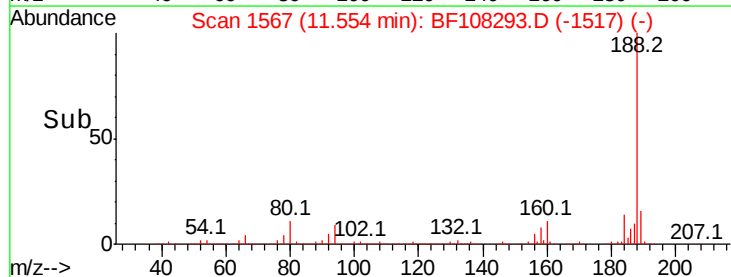
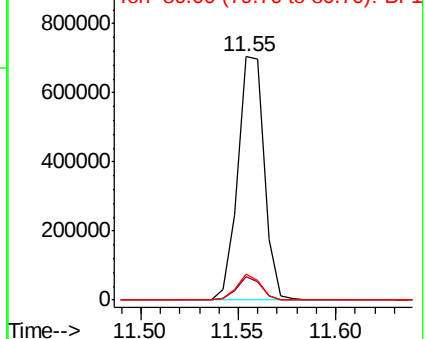
188 100

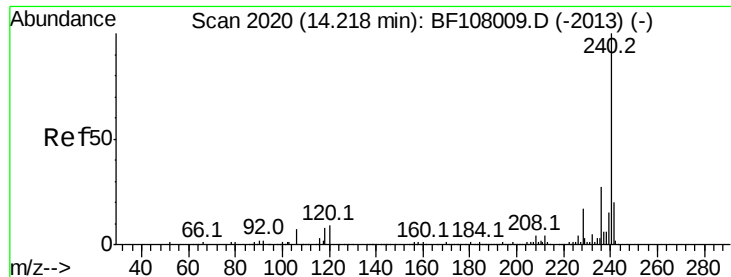
94 9.5 8.5 12.7

80 10.5 9.2 13.8



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108293.D

Acq: 20 Aug 2018 16:43

Instrument :

BNA_F

ClientSampleId :

BROWN-FRAC-TANKRE

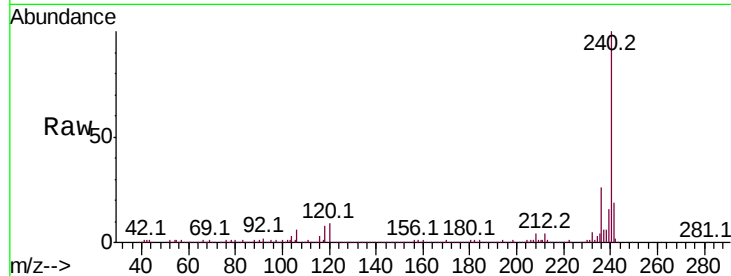
Tot Ion:240 Resp: 439802

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

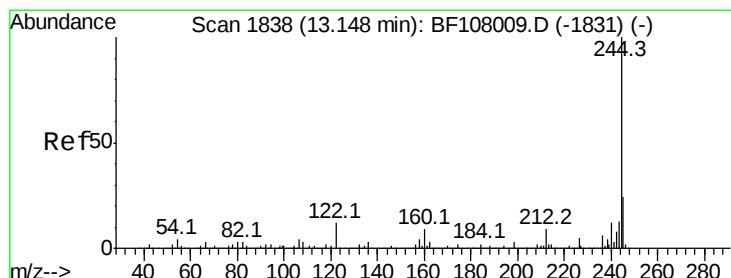
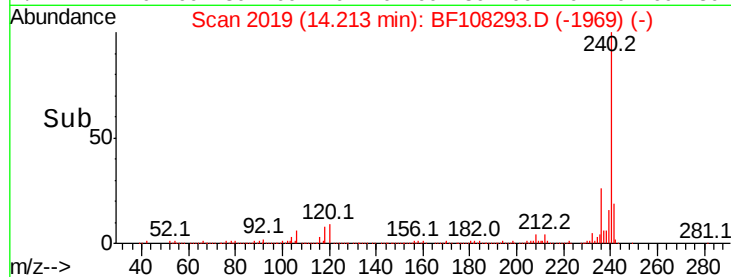
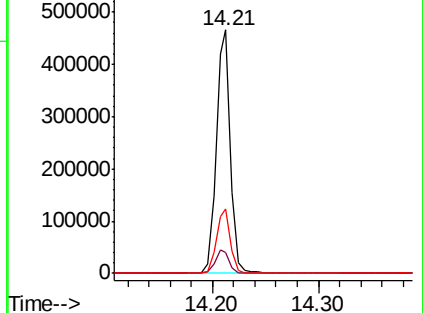
236 26.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 31.724 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108293.D

Acq: 20 Aug 2018 16:43

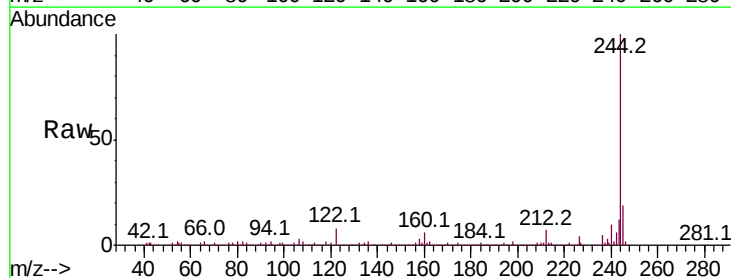
Tgt Ion:244 Resp: 548744

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

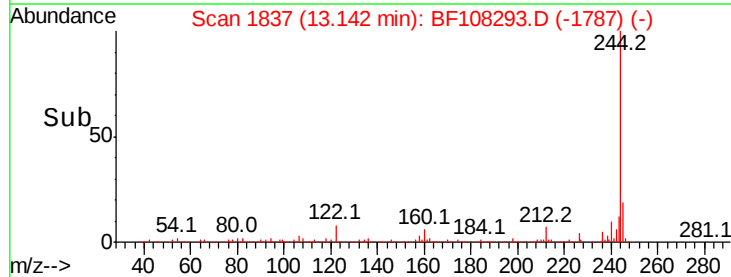
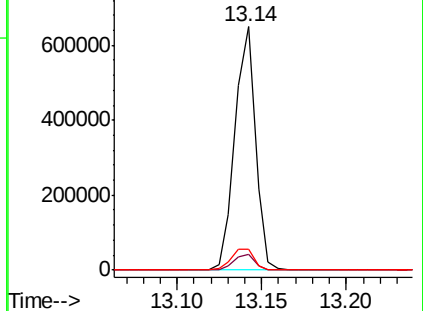
122 8.5 11.0 16.4#

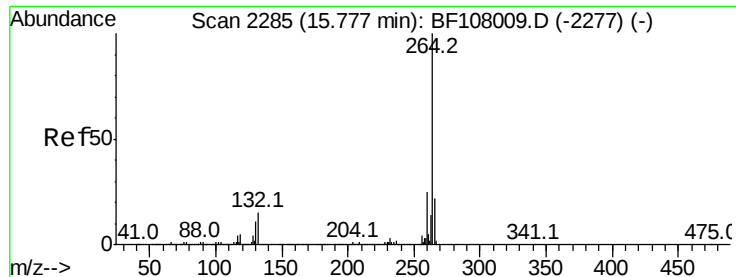


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108293.D
Acq: 20 Aug 2018 16:43

Instrument :
BNA_F
ClientSampleId :
BROWN-FRAC-TANKRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3

