

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109797.D
 Acq On : 11 Oct 2018 20:05
 Operator : JU/SJ
 Sample : J5296-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100418-JETT-E-D-B

Quant Time: Oct 12 04:46:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	90581	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	367832	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	172366	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	285564	20.00	ng	0.00
75) Chrysene-d12	13.83	240	235077	20.00	ng	0.00
86) Perylene-d12	15.23	264	266157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	189762	37.19	ng	-0.01
7) Phenol-d6	6.34	99	175411	25.73	ng	-0.02
23) Nitrobenzene-d5	7.26	82	655475	98.23	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	146646	78.08	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1122800	89.71	ng	0.00
78) Terphenyl-d14	12.78	244	862261	71.01	ng	0.00

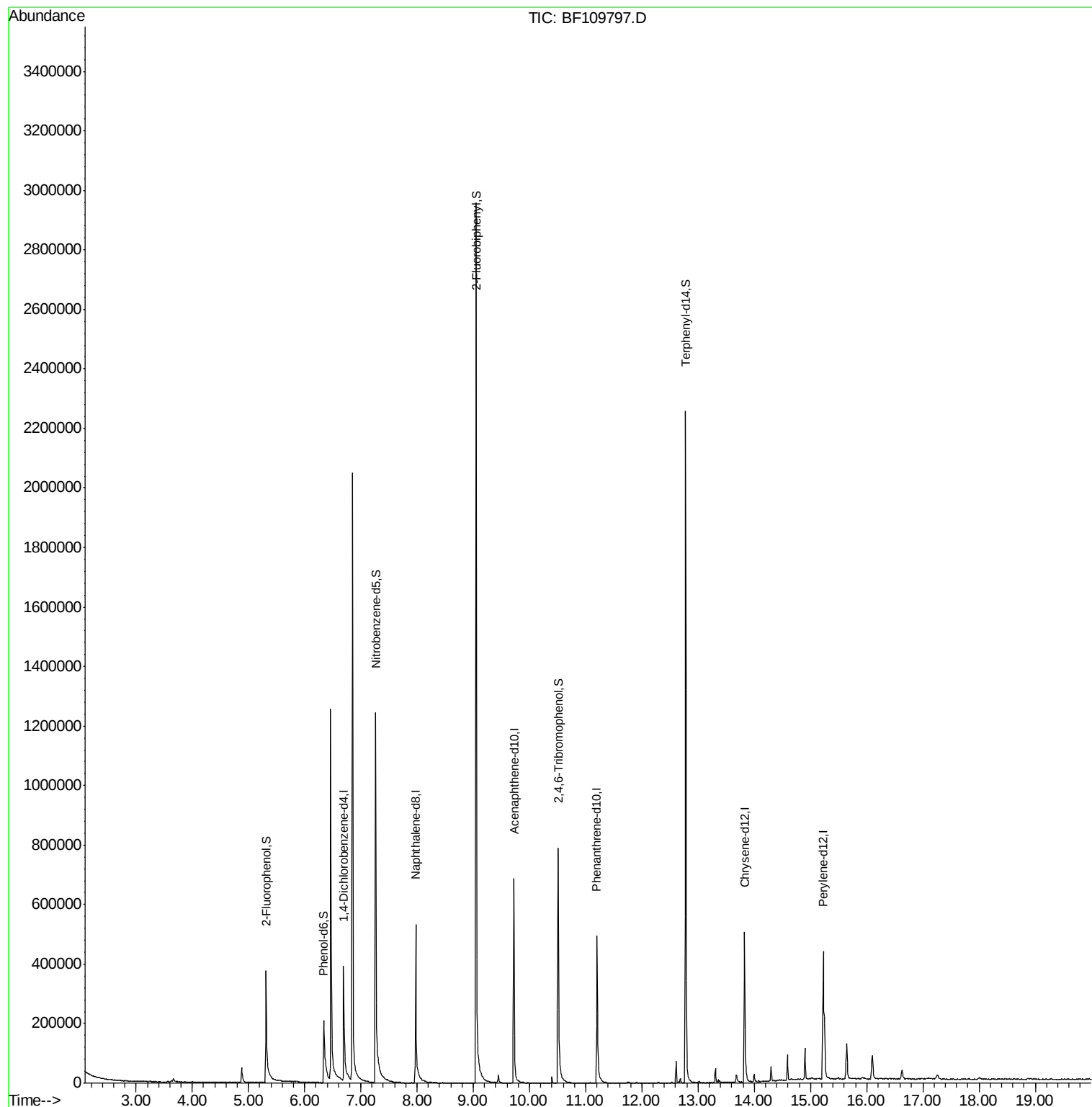
Target Compounds Qvalue

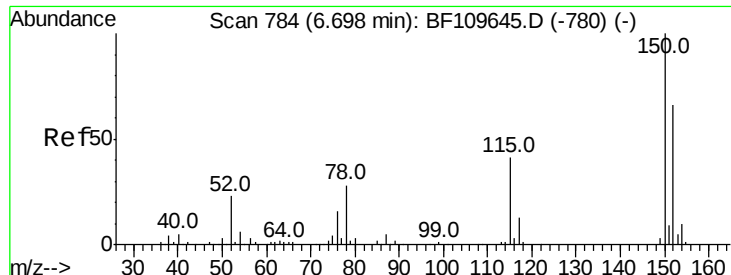
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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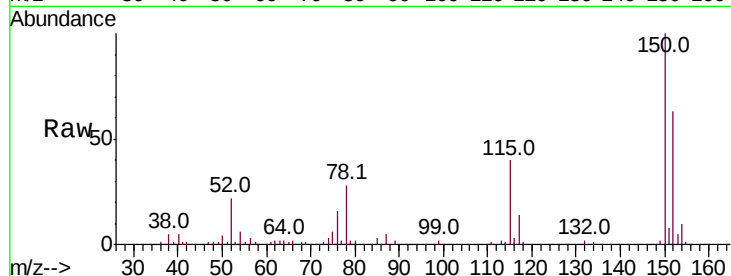


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Instrument :
 BNA_F
 ClientSampleId :
 100418-JETT-E-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.7	184.1
115	63.4	49.1	73.7

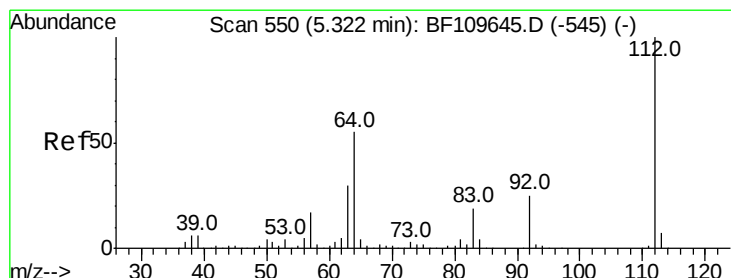
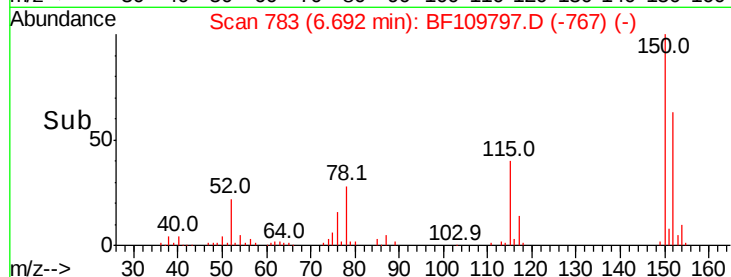
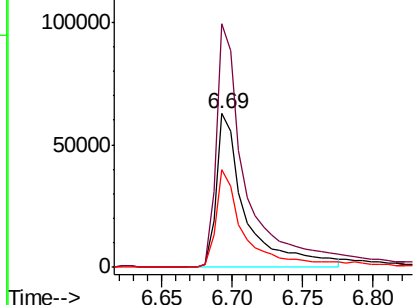


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

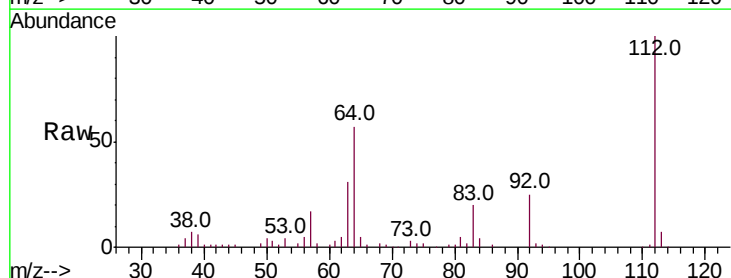
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 37.186 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	30.6	23.7	35.5

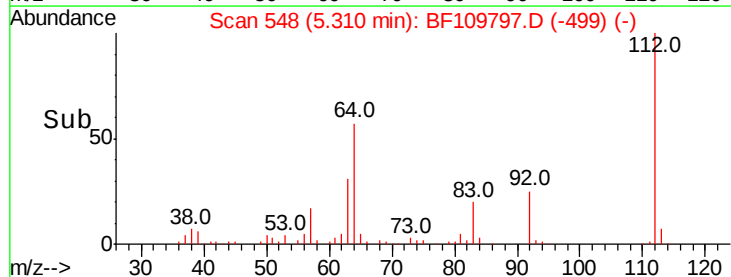
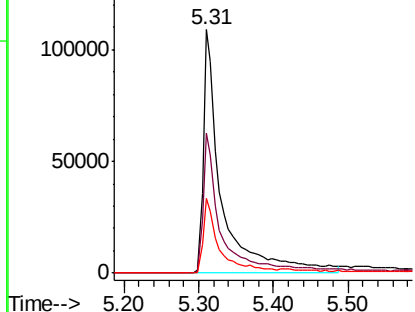


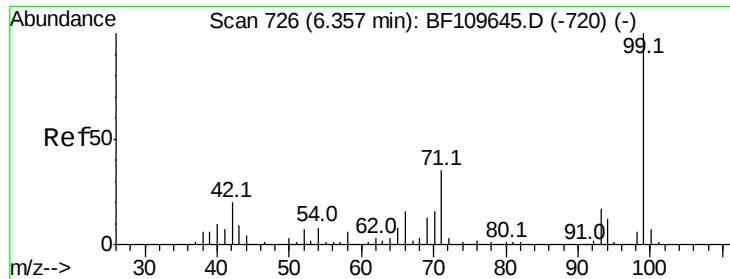
Abundance

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: 25.731 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

Instrument :

BNA_F

ClientSampleId :

100418-JETT-E-D-B

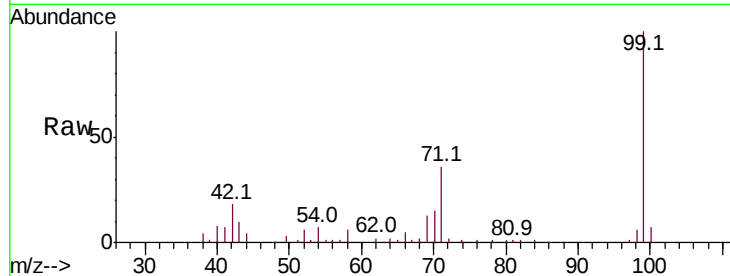
Tot Ion: 99 Resp: 175411

Ion Ratio Lower Upper

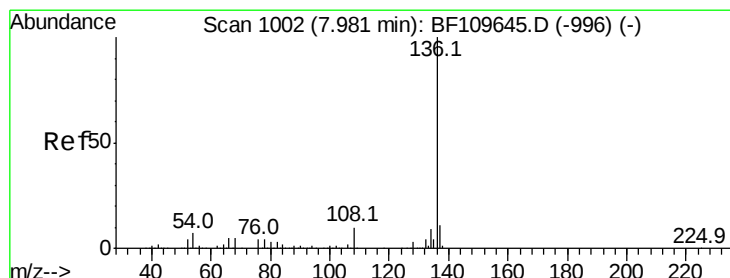
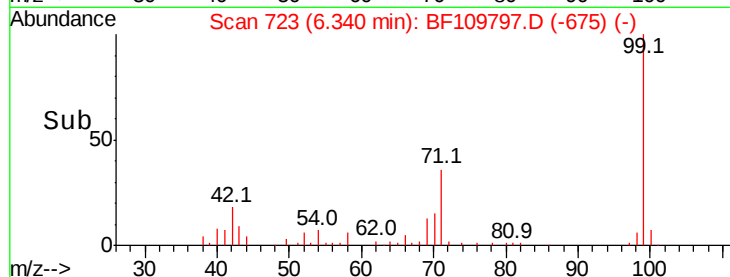
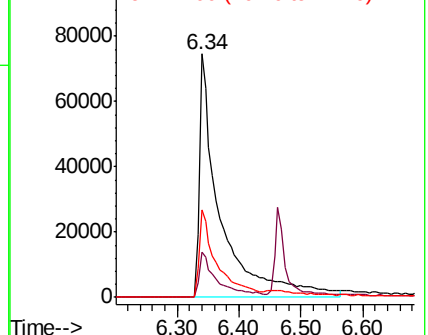
99 100

42 18.4 15.8 23.6

71 36.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

Tgt Ion: 136 Resp: 367832

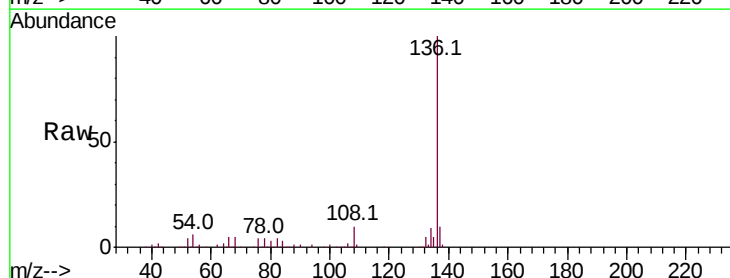
Ion Ratio Lower Upper

136 100

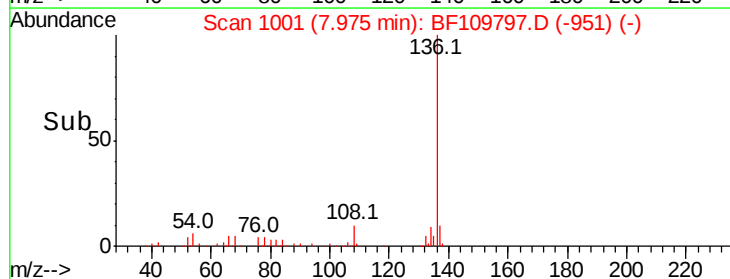
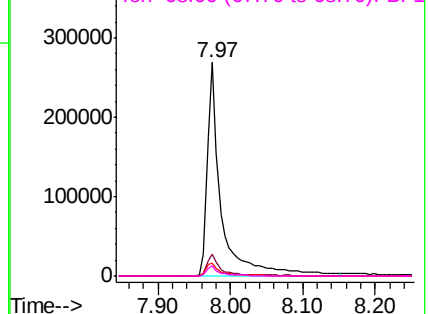
137 10.5 8.8 13.2

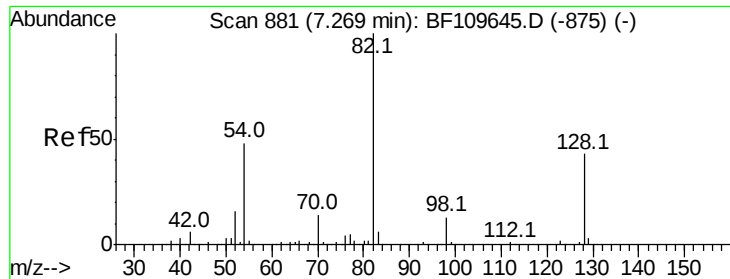
54 6.2 5.4 8.2

68 4.8 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

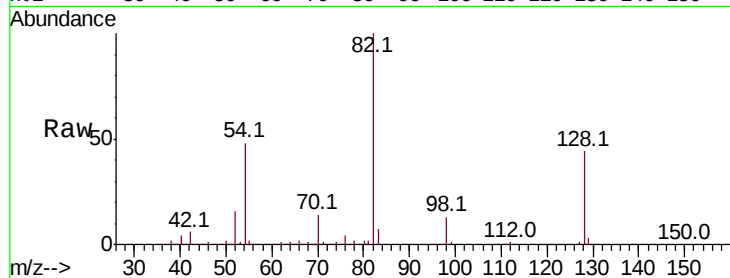




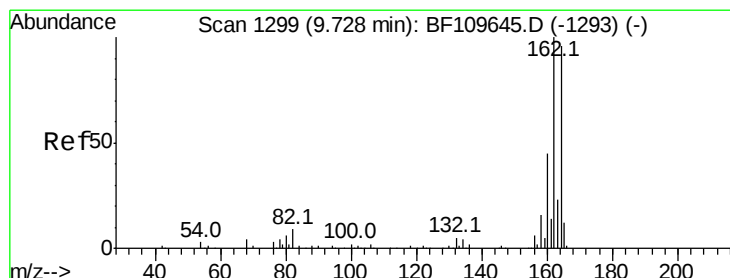
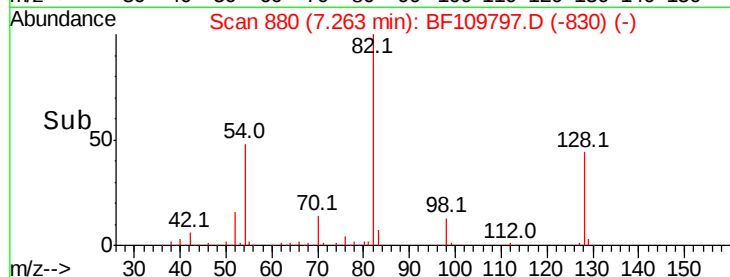
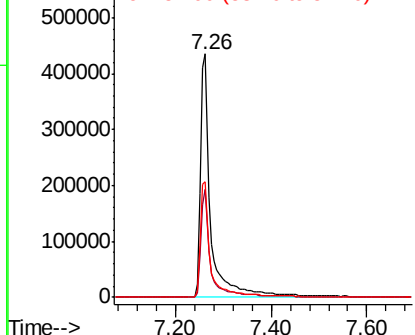
#23
Nitrobenzene-d5
Concen: 98.230 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109797.D
Acq: 11 Oct 2018 20:05

Instrument :
BNA_F
ClientSampleId :
100418-JETT-E-D-B

Tot Ion: 82 Resp: 655475
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.2
54 47.7 38.6 58.0

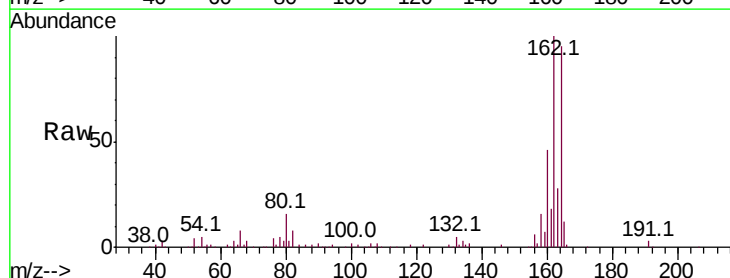


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

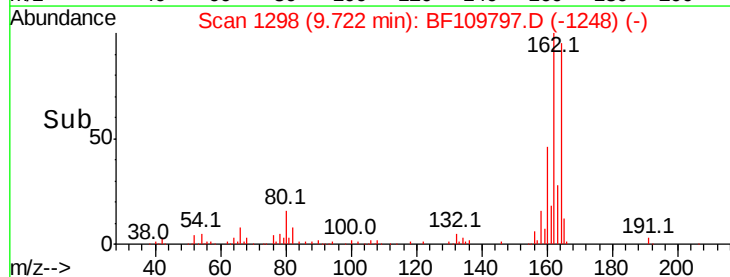
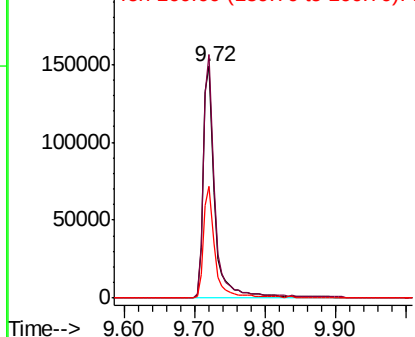


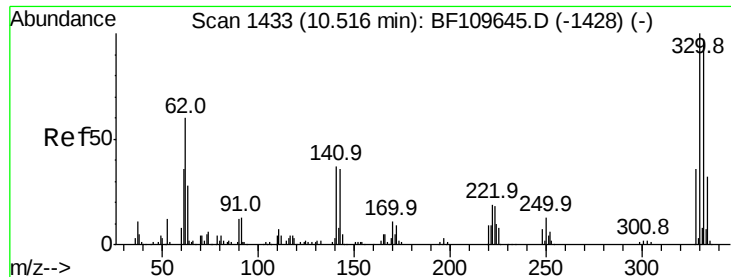
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109797.D
Acq: 11 Oct 2018 20:05

Tgt Ion:164 Resp: 172366
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.6
160 48.5 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





#41

2,4,6-Tribromophenol

Concen: 78.082 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

Instrument :

BNA_F

ClientSampleId :

100418-JETT-E-D-B

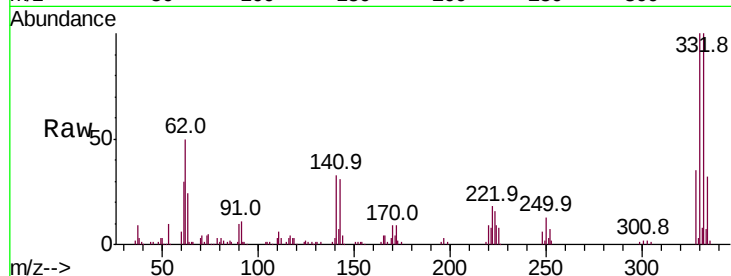
Tot Ion:330 Resp: 146646

Ion Ratio Lower Upper

330 100

332 94.9 77.1 115.7

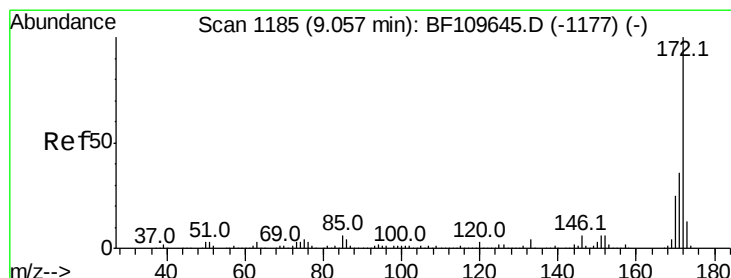
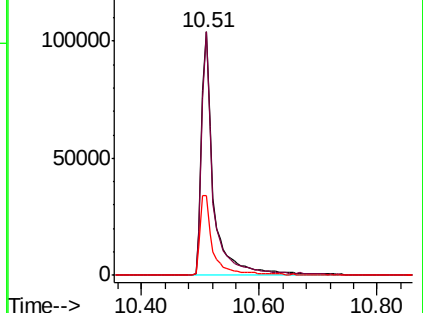
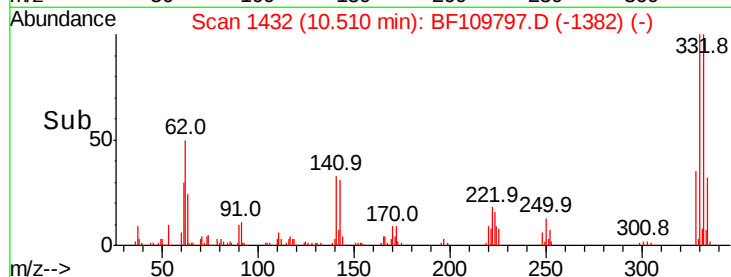
141 35.1 27.0 40.4



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



#44

2-Fluorobiphenyl

Concen: 89.715 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

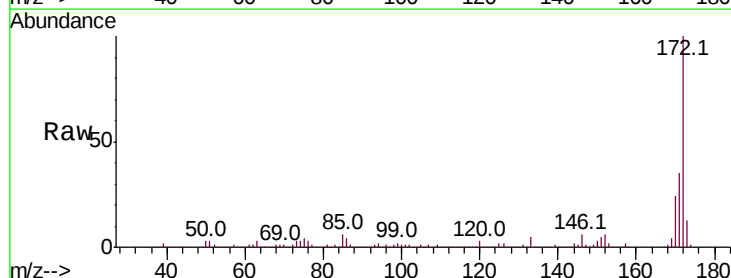
Tgt Ion:172 Resp: 1122800

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

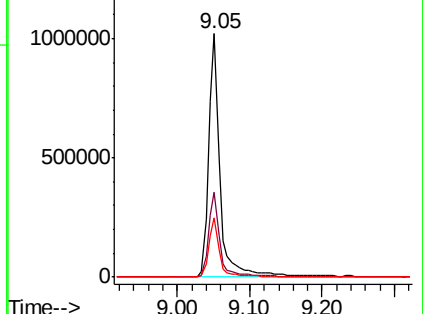
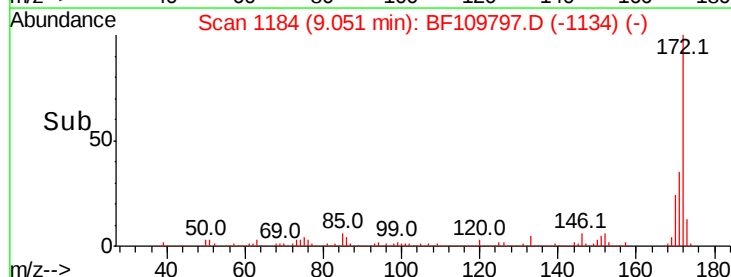
170 24.4 19.7 29.5

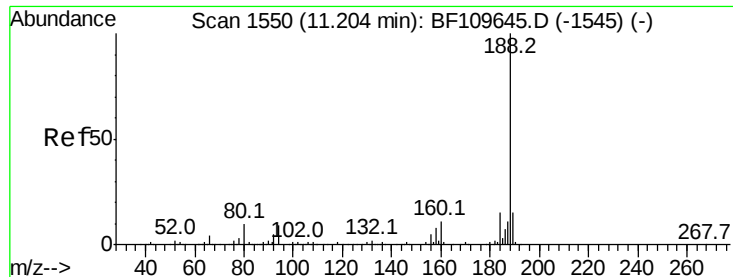


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

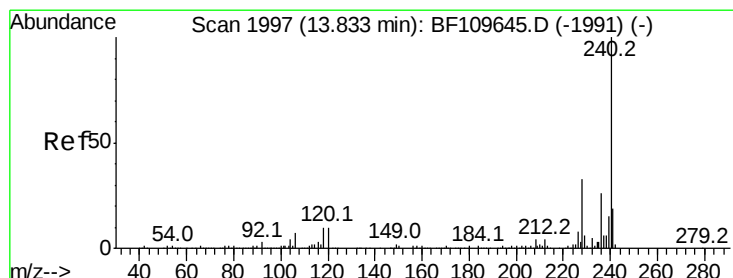
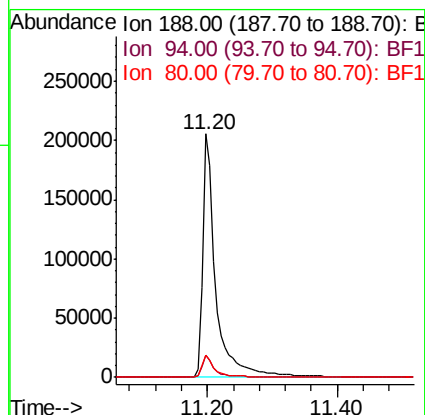
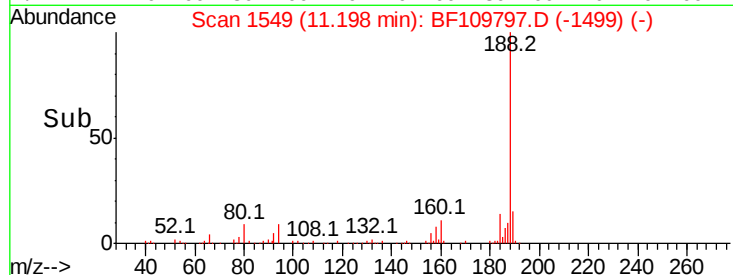
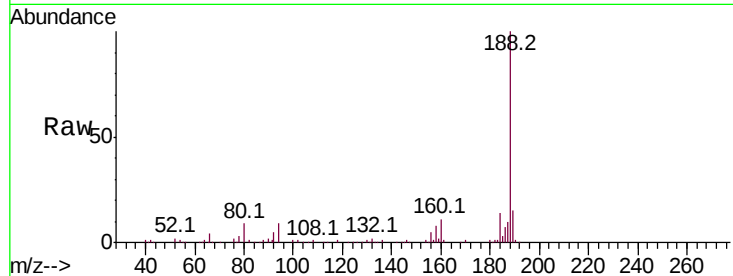




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109797.D
Acq: 11 Oct 2018 20:05

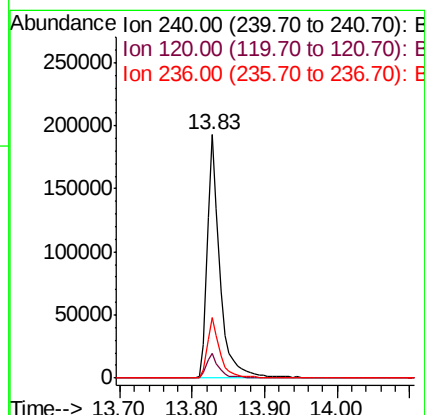
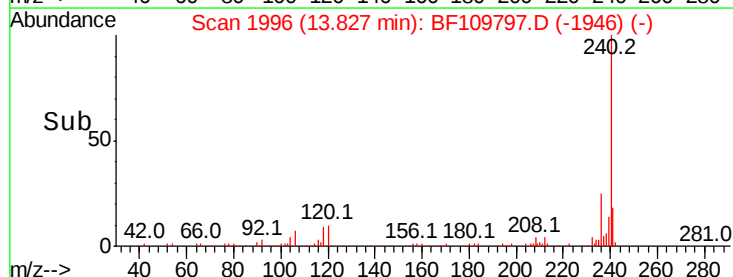
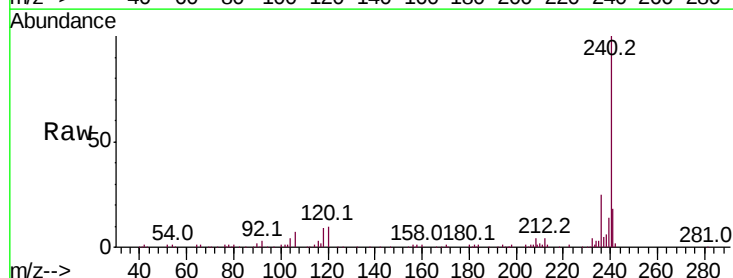
Instrument :
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100418-JETT-E-D-B

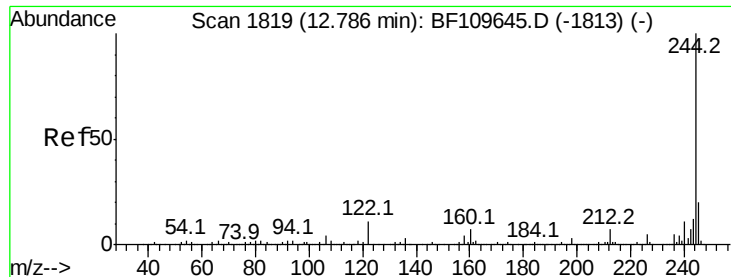
Tot Ion:188 Resp: 285564
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.1 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109797.D
Acq: 11 Oct 2018 20:05

Tgt Ion:240 Resp: 235077
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.0 21.2 31.8





#78

Terphenyl-d14

Concen: 71.006 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

Instrument :

BNA_F

ClientSampleId :

100418-JETT-E-D-B

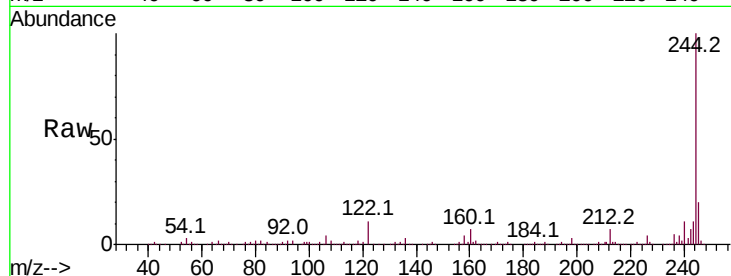
Tot Ion:244 Resp: 862261

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

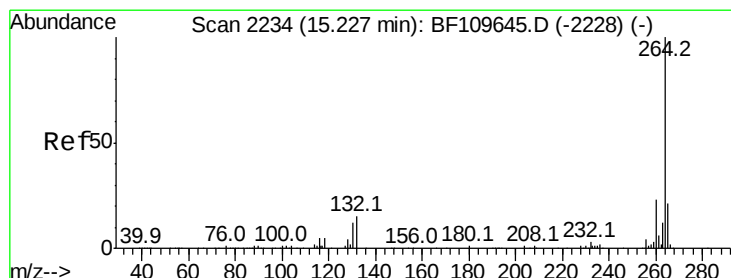
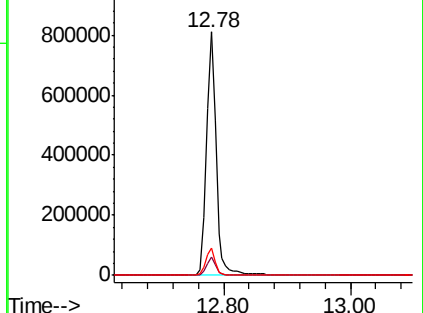
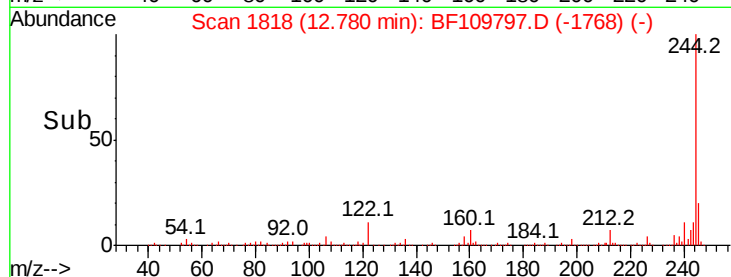
122 11.3 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

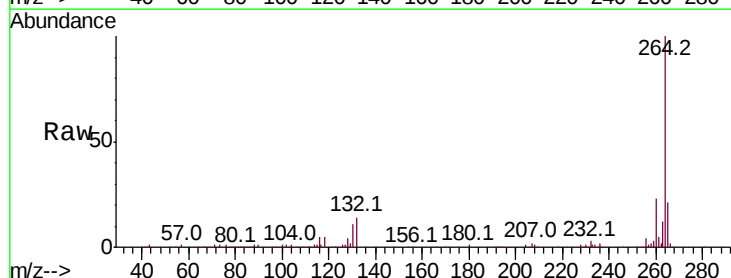
Tgt Ion:264 Resp: 266157

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.1 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

