

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109587.D
 Acq On : 4 Oct 2018 15:30
 Operator : JU/SJ
 Sample : J5221-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-B

Quant Time: Oct 04 18:06:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91221	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	350221	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	155199	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	250514	20.00	ng	0.00
75) Chrysene-d12	13.84	240	204707	20.00	ng	0.00
86) Perylene-d12	15.24	264	205590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	236441	42.69	ng	0.00
7) Phenol-d6	6.35	99	190329	26.93	ng	-0.01
23) Nitrobenzene-d5	7.27	82	640254	107.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	139325	91.07	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1111086	107.97	ng	-0.01
78) Terphenyl-d14	12.80	244	779279	93.43	ng	0.00

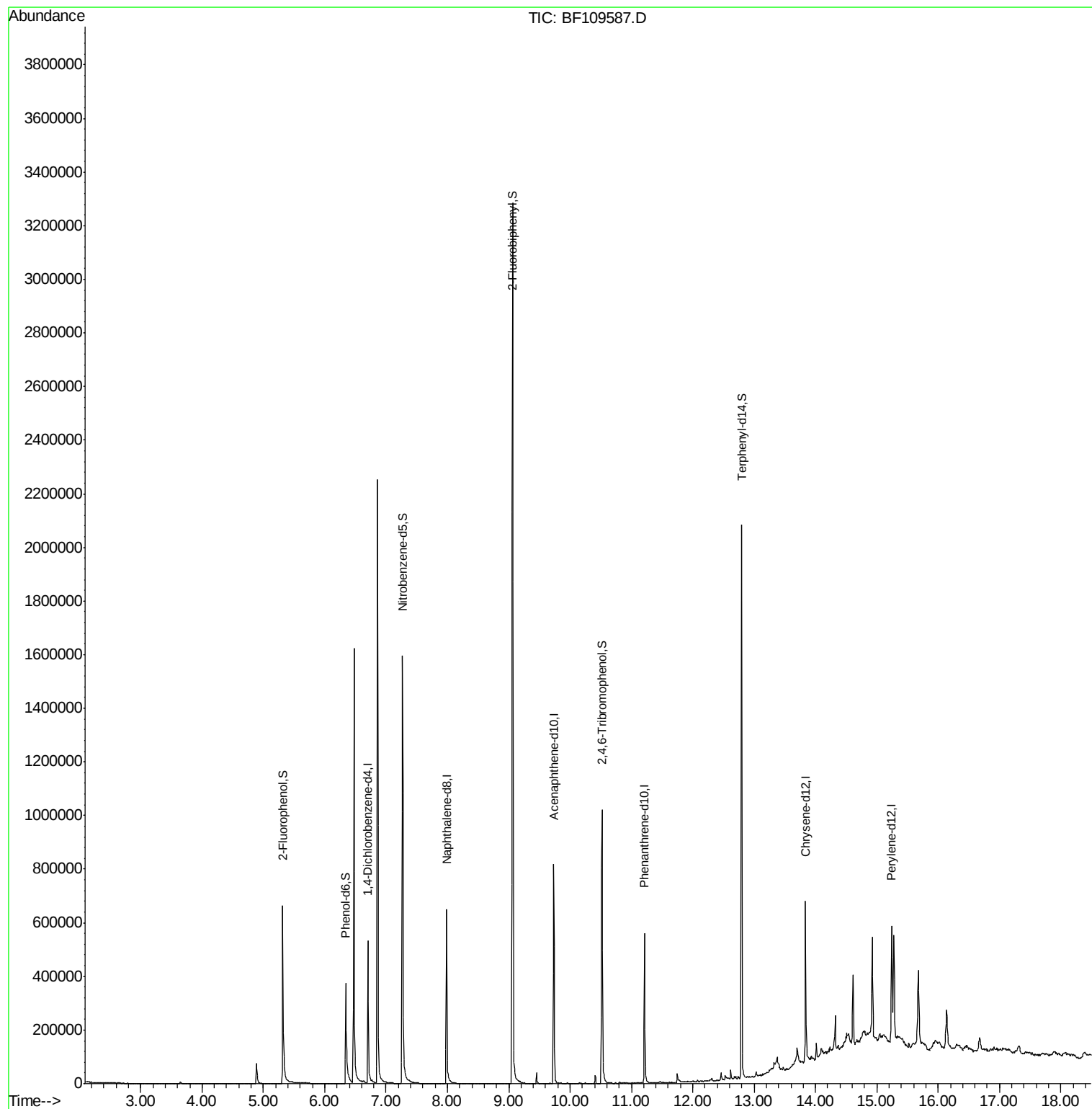
Target Compounds Qvalue

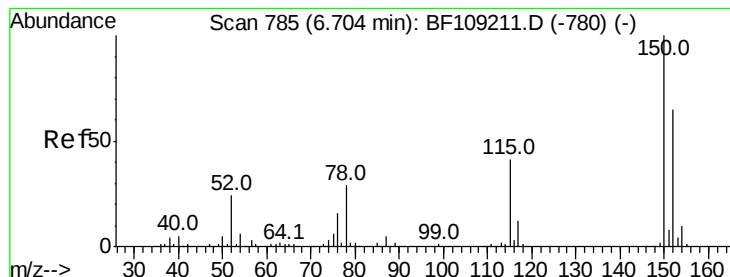
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

Instrument :

BNA_F

ClientSampleId :

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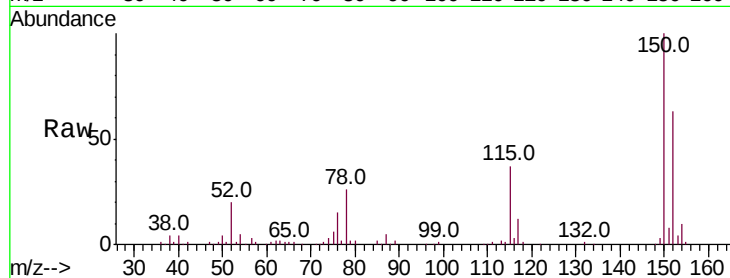
Tot Ion:152 Resp: 91221

Ion Ratio Lower Upper

152 100

150 159.0 124.6 186.8

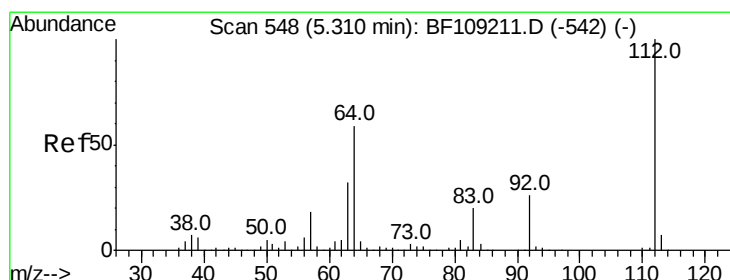
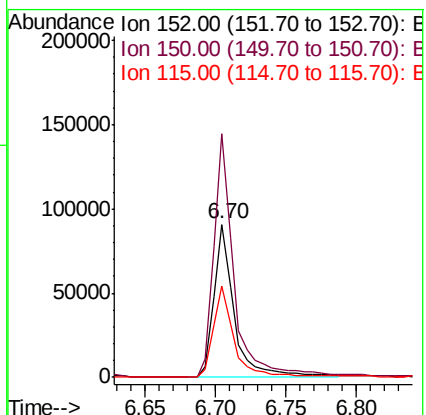
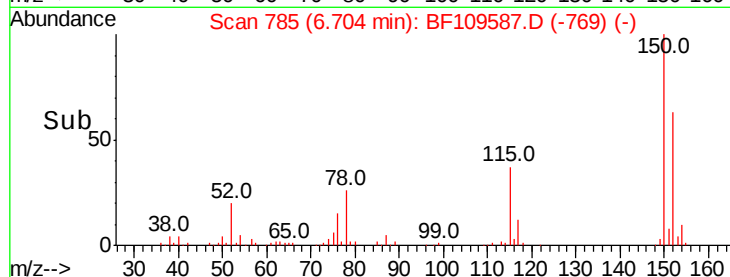
115 59.6 50.1 75.1



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: 42.692 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

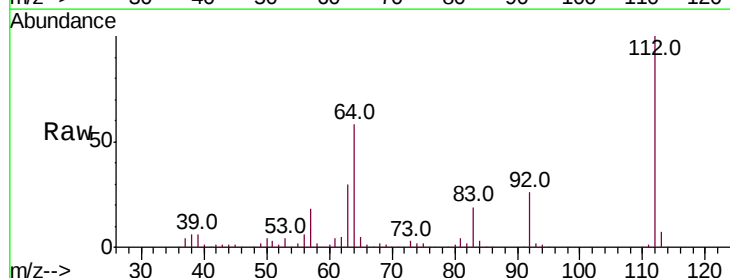
Tgt Ion:112 Resp: 236441

Ion Ratio Lower Upper

112 100

64 57.8 47.9 71.9

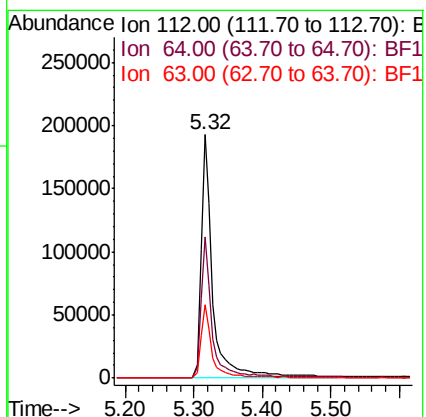
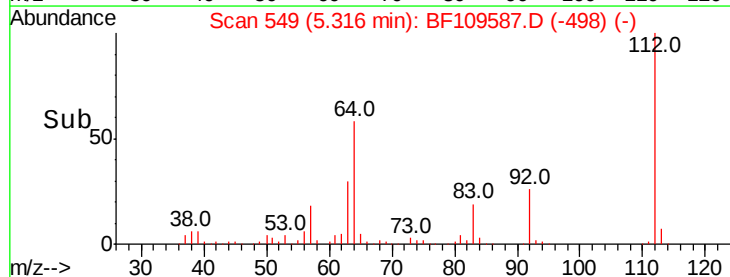
63 30.3 23.7 35.5



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: 26.932 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

Instrument :

BNA_F

ClientSampleId :

100118-JETT-E-D-B

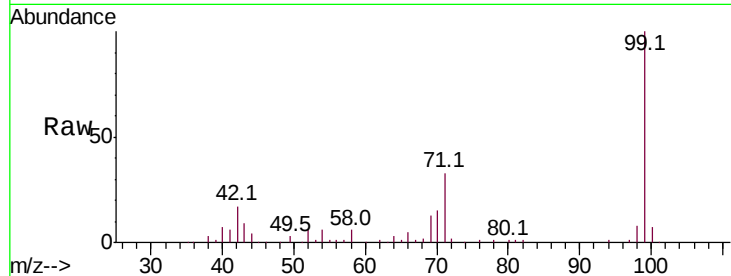
Tot Ion: 99 Resp: 190329

Ion Ratio Lower Upper

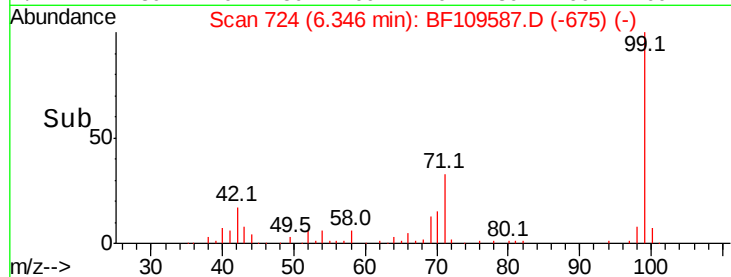
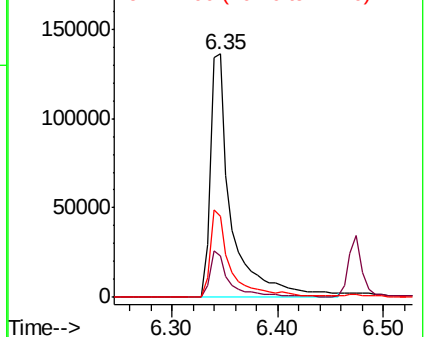
99 100

42 17.0 14.5 21.7

71 33.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109587.D

Acq: 4 Oct 2018 15:30

Tgt Ion:136 Resp: 350221

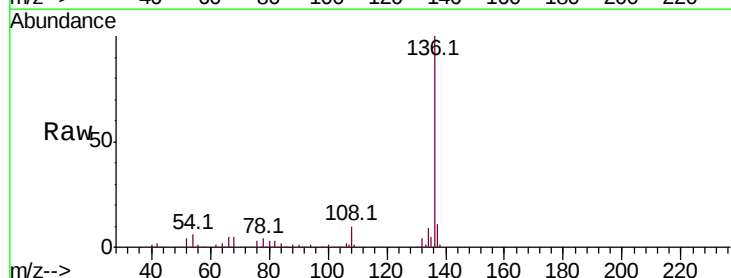
Ion Ratio Lower Upper

136 100

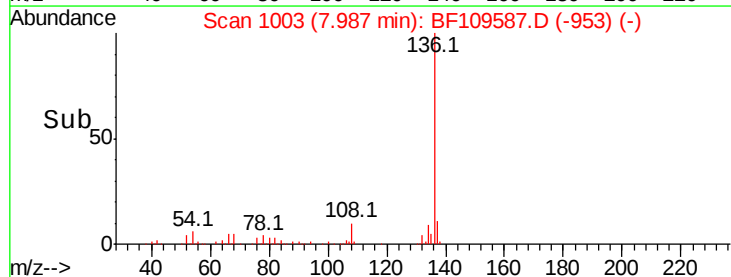
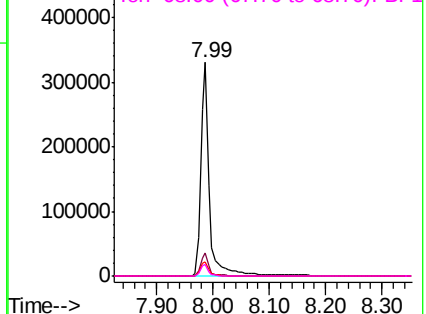
137 10.8 8.9 13.3

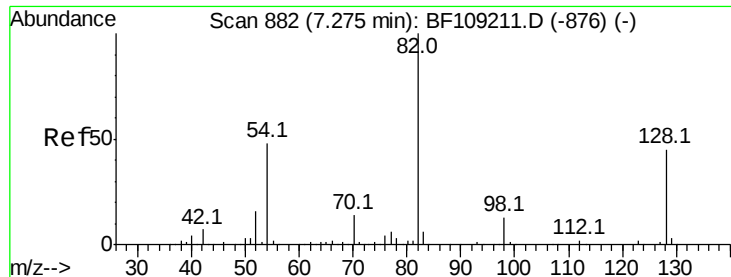
54 6.4 6.6 9.8#

68 5.3 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

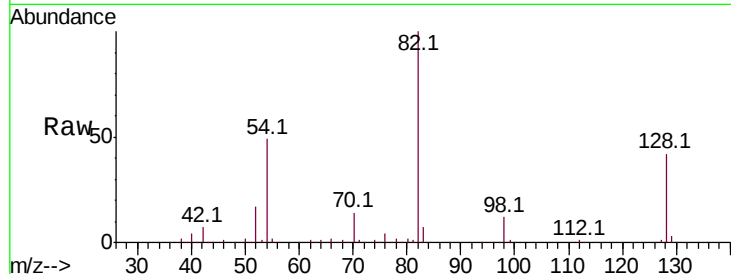




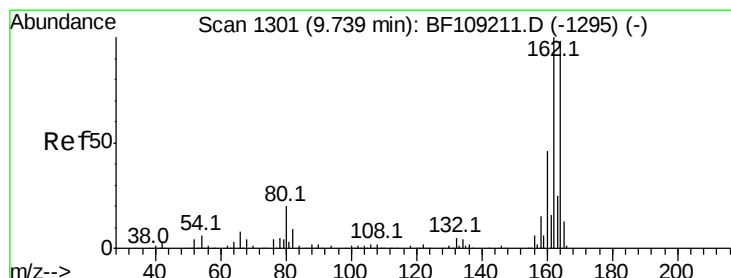
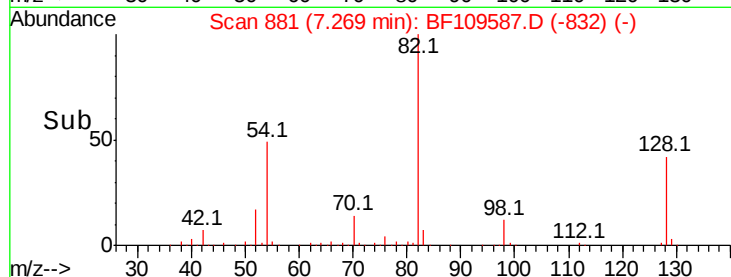
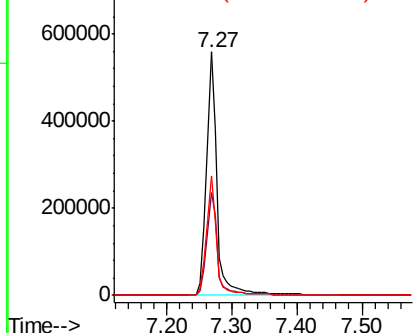
#23
Nitrobenzene-d5
Concen: 107.918 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

Instrument :
BNA_F
ClientSampleId :
100118-JETT-E-D-B

Tot Ion: 82 Resp: 640254
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 48.8 41.4 62.2

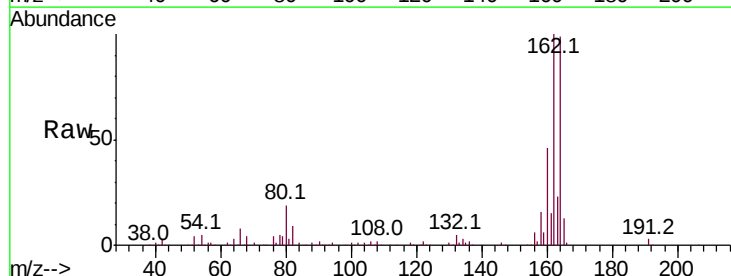


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

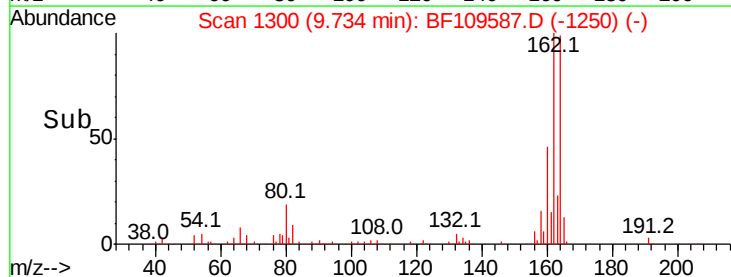
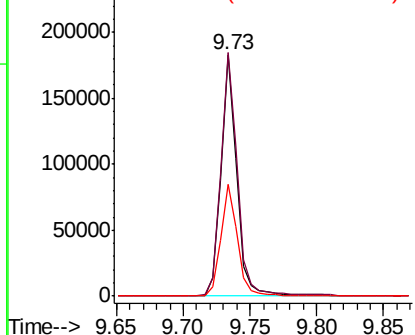


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

Tgt Ion:164 Resp: 155199
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 46.0 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

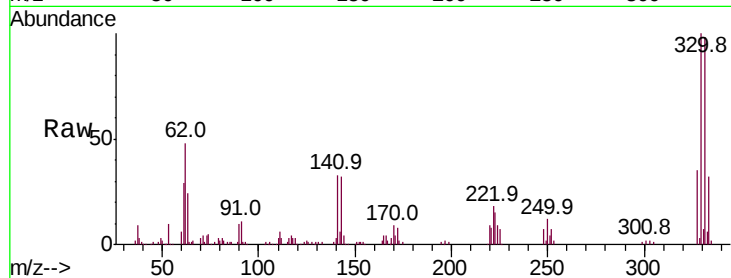




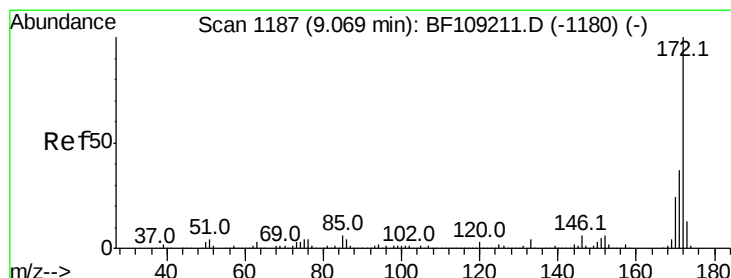
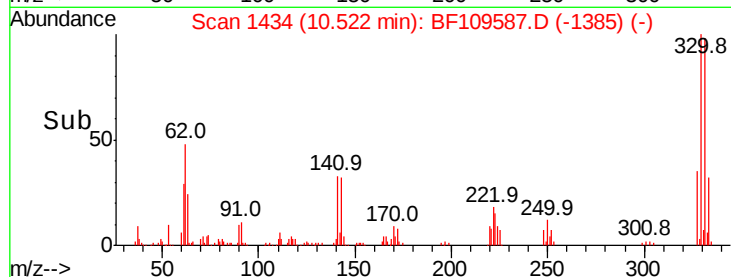
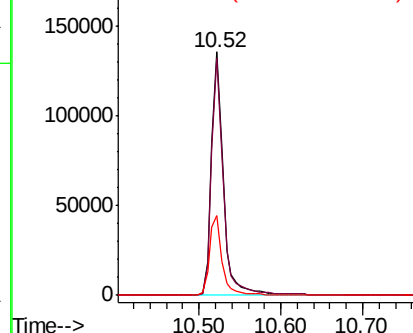
#41
 2,4,6-Tribromophenol
 Concen: 91.066 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109587.D
 Acq: 4 Oct 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.5	29.9	44.9

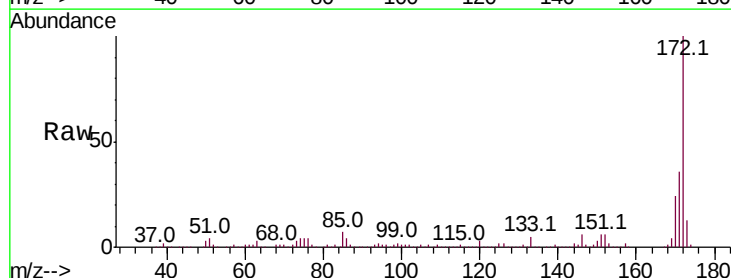


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

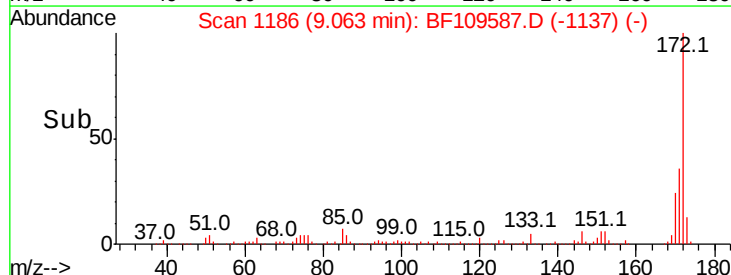
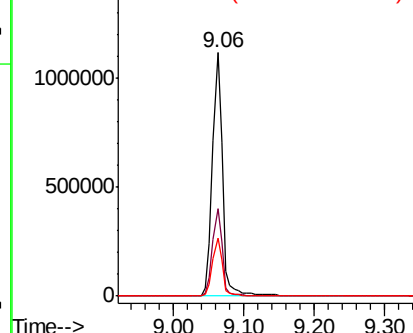


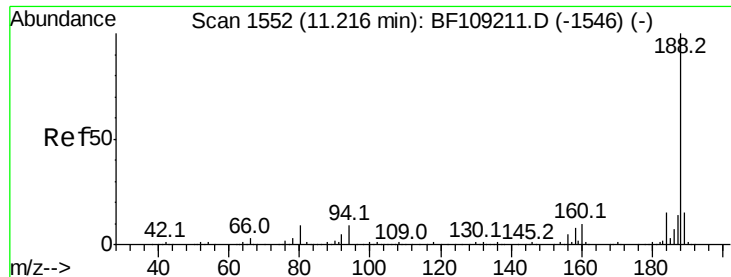
#44
 2-Fluorobiphenyl
 Concen: 107.973 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109587.D
 Acq: 4 Oct 2018 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	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

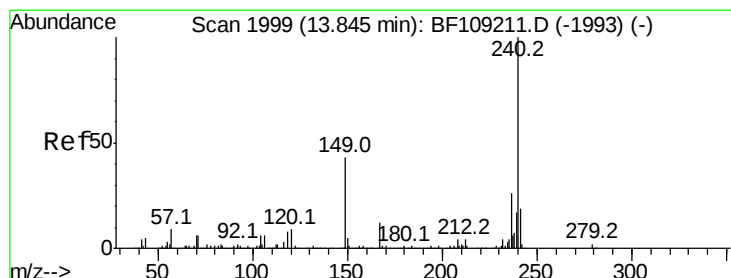
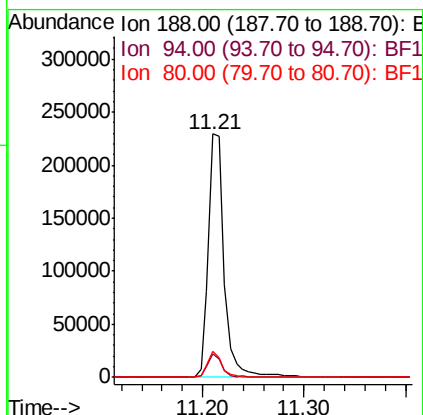
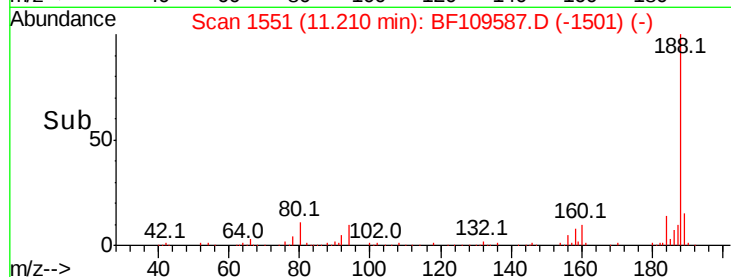
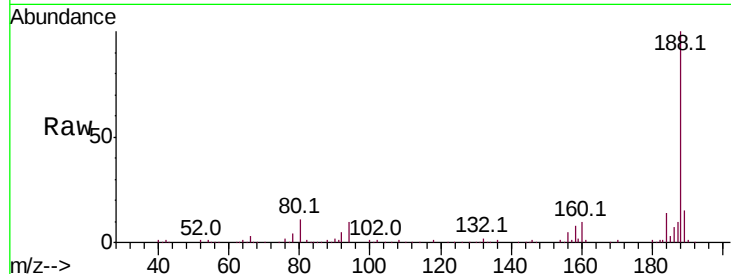




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

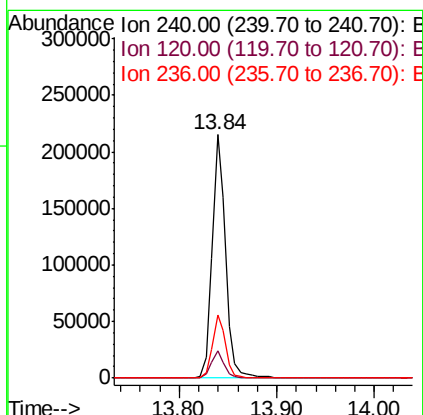
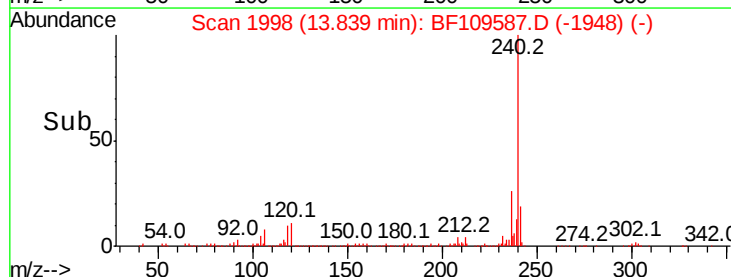
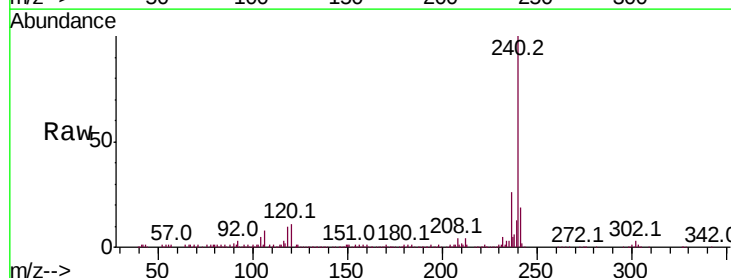
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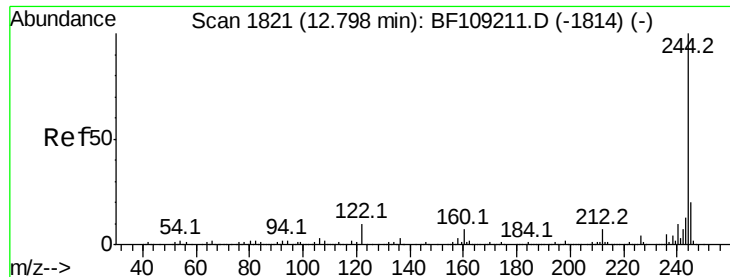
Tot Ion:188 Resp: 250514
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109587.D
Acq: 4 Oct 2018 15:30

Tgt Ion:240 Resp: 204707
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.8 20.7 31.1

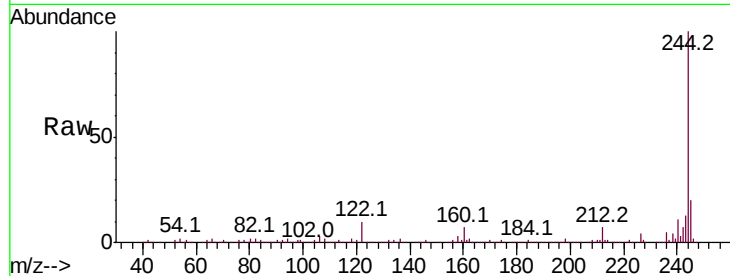




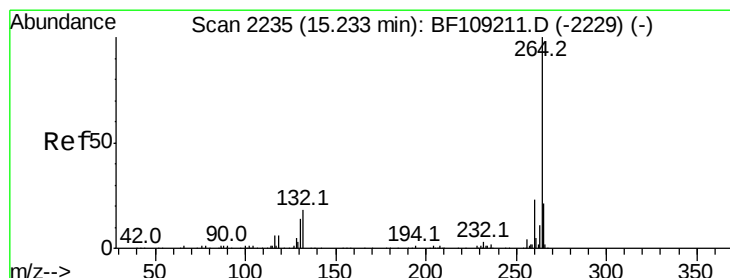
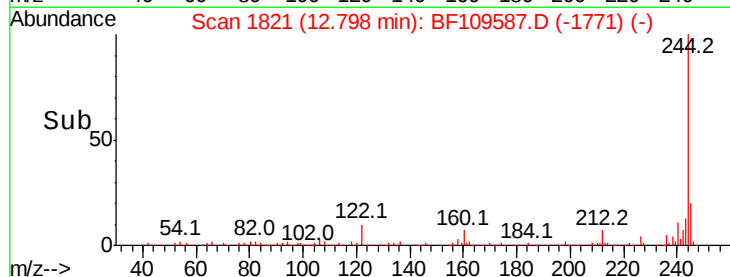
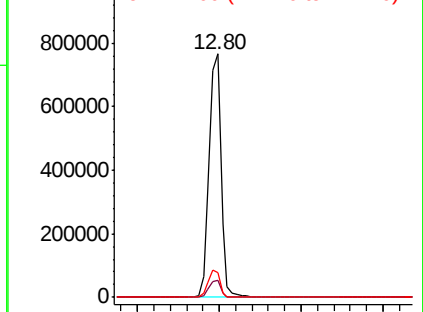
#78
 Terphenyl-d14
 Concen: 93.425 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109587.D
 Acq: 4 Oct 2018 15:30

Instrument :
 BNA_F
 ClientSampleId :
 100118-JETT-E-D-B

Tot Ion:244 Resp: 779279
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.0 11.0 16.4#

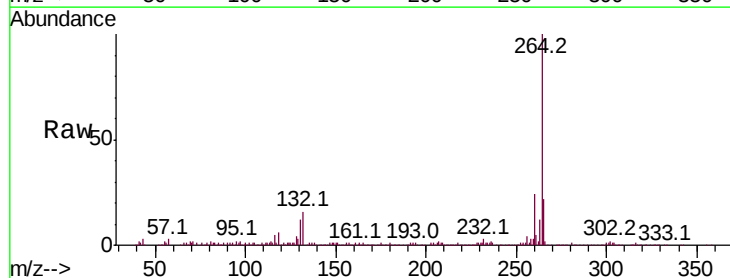


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109587.D
 Acq: 4 Oct 2018 15:30

Tgt Ion:264 Resp: 205590
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.9 17.5 26.3



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

