

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109085.D
 Acq On : 18 Sep 2018 9:00
 Operator : JU/SJ
 Sample : J4930-04
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091318-JETT-E-U-S

Quant Time: Sep 18 18:17:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

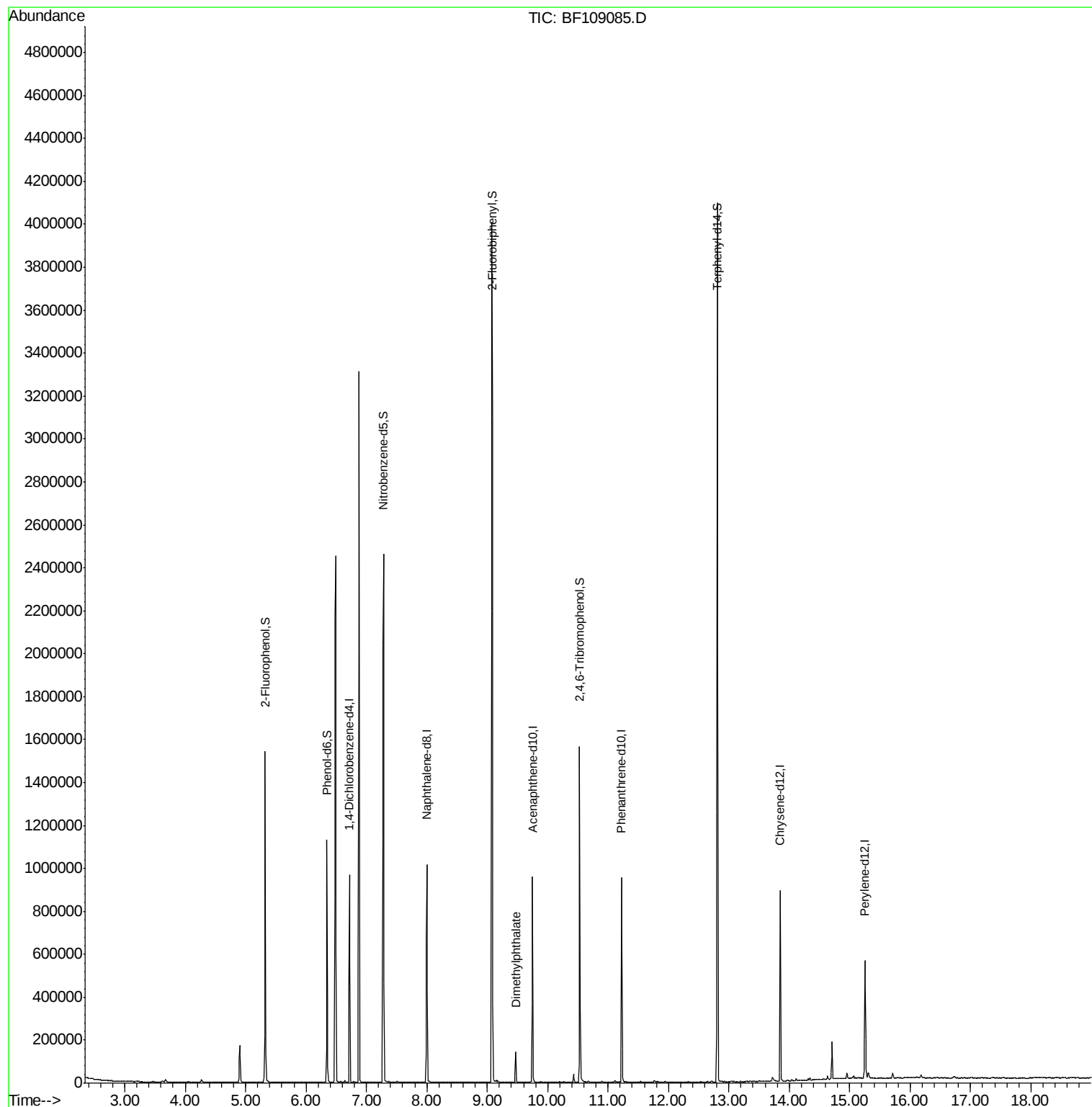
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125764	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	418393	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	169994	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	337767	20.00	ng	0.00
75) Chrysene-d12	13.85	240	318644	20.00	ng	0.00
86) Perylene-d12	15.25	264	242460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	398777	52.66	ng	0.00
7) Phenol-d6	6.35	99	317581	32.53	ng	-0.01
23) Nitrobenzene-d5	7.28	82	825312	110.64	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	195743	106.10	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1265669	116.65	ng	0.00
78) Terphenyl-d14	12.81	244	1379692	102.63	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	60825	5.006	ng	98

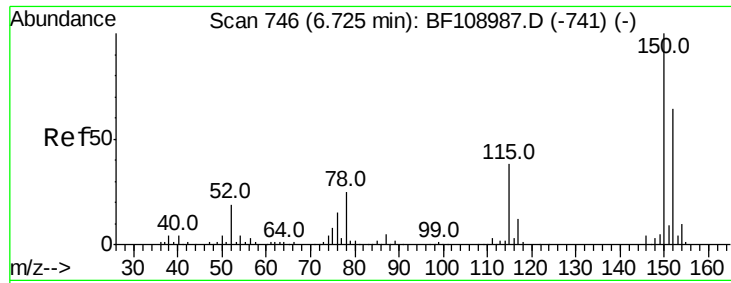
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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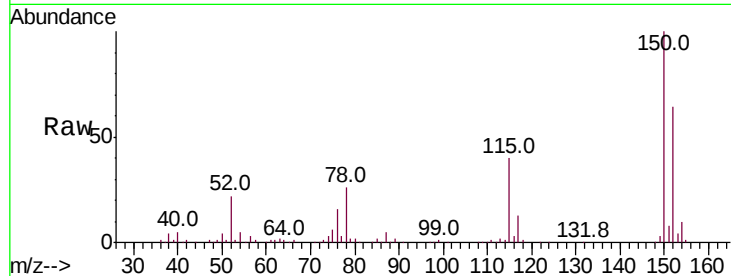


#1

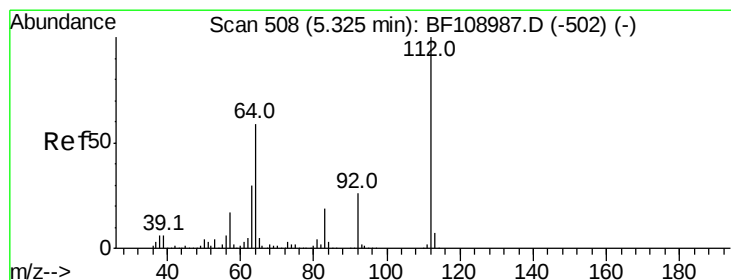
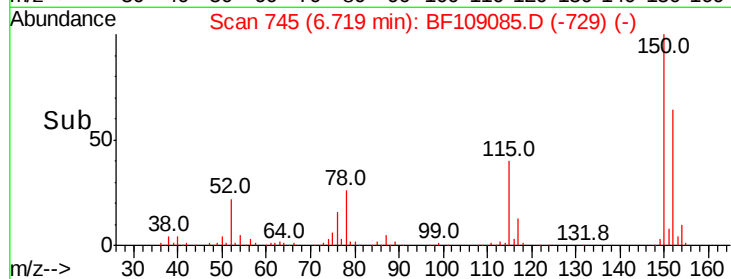
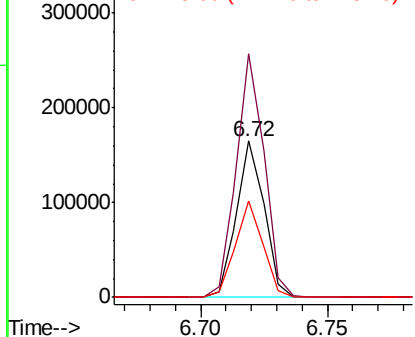
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Instrument :
 BNA_F
 ClientSampleId :
 091318-JETT-E-U-S

Tot Ion:152 Resp: 125764
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 61.6 50.1 75.1



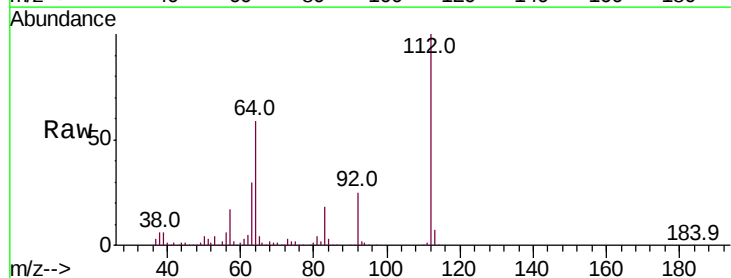
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



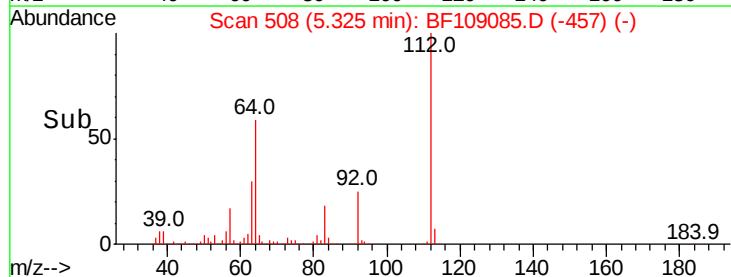
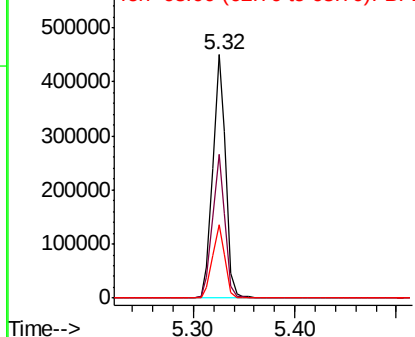
#5

2-Fluorophenol
 Concen: 52.664 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Tgt Ion:112 Resp: 398777
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 30.1 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: 32.526 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109085.D

Acq: 18 Sep 2018 9:00

Instrument :

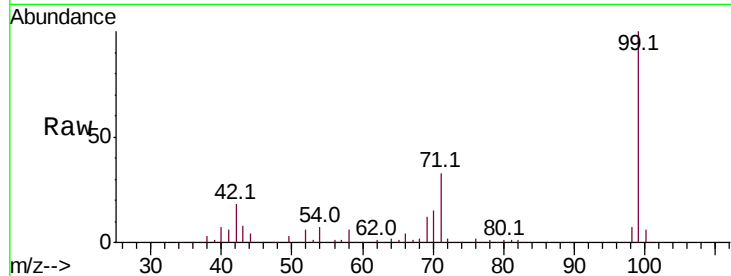
BNA_F

ClientSampleId :

091318-JETT-E-U-S

Tot Ion: 99 Resp: 317581

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	33.2	25.4	38.0

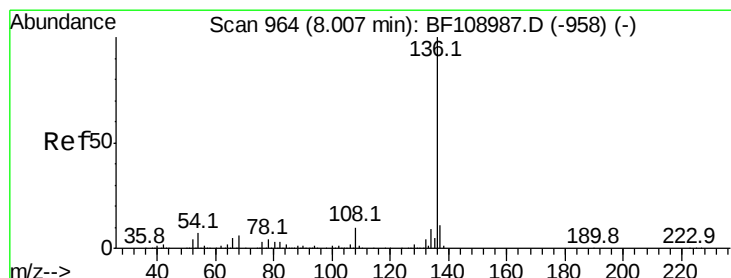
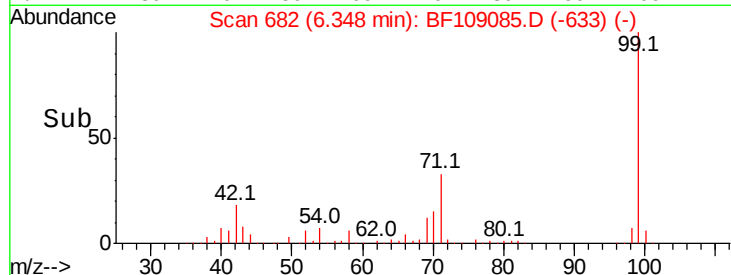
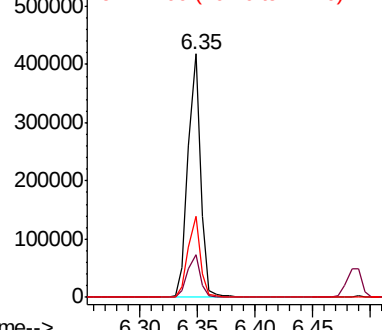


Abundance

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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109085.D

Acq: 18 Sep 2018 9:00

Tgt Ion: 136 Resp: 418393

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4

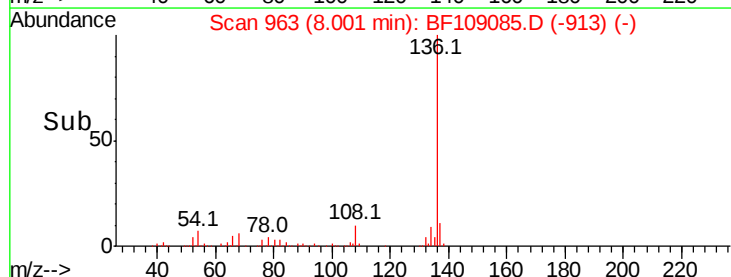
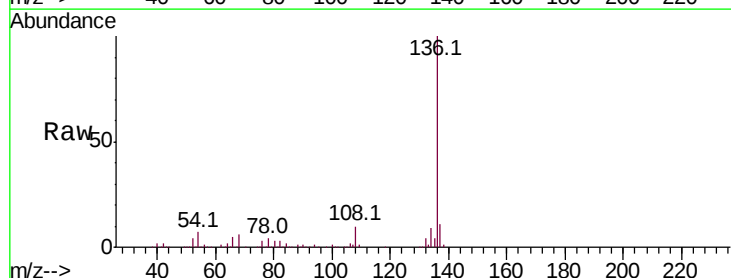
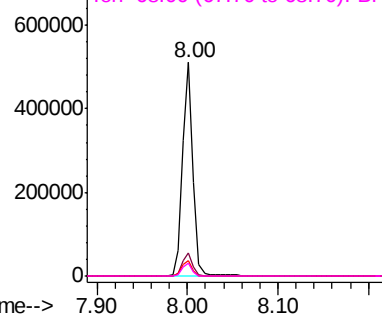
Abundance

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

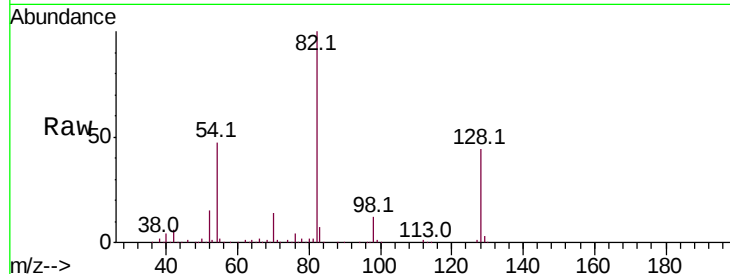




#23
 Nitrobenzene-d5
 Concen: 110.638 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Instrument :
 BNA_F
 ClientSampleId :
 091318-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	46.8	41.4	62.2

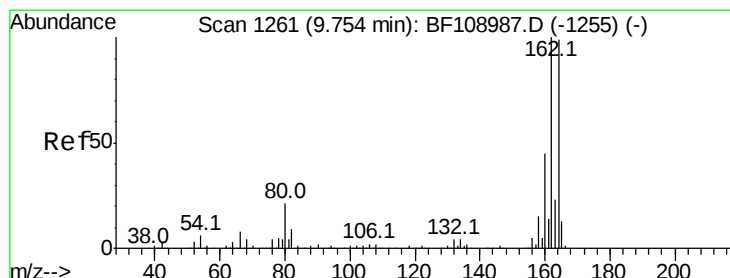
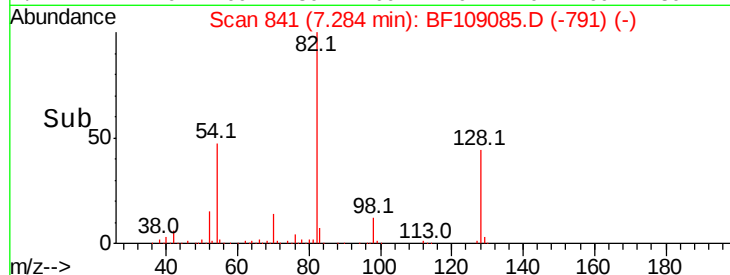
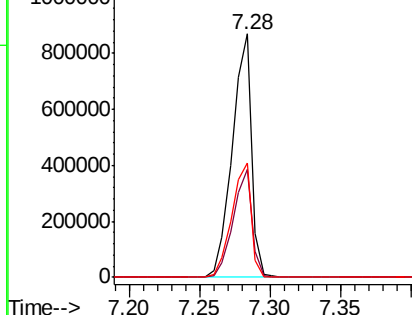


Abundance

Ion 82.00 (81.70 to 82.70): BF1

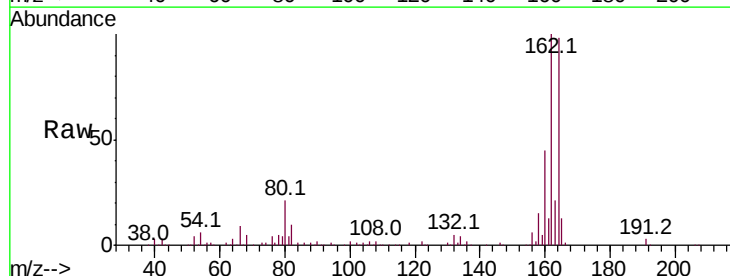
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.2	38.3	57.5

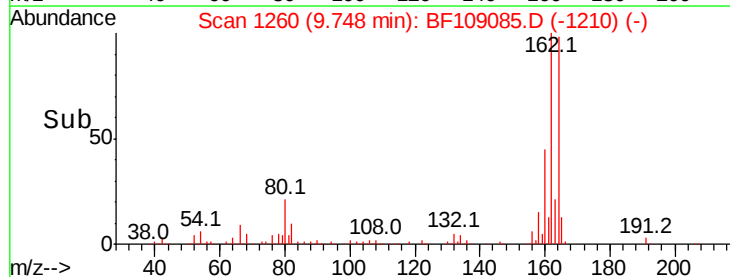
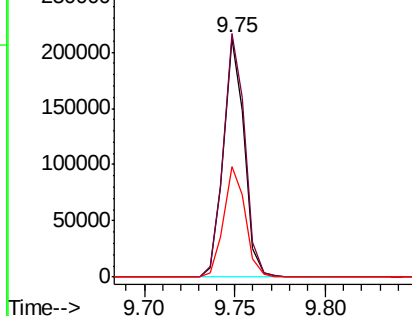


Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

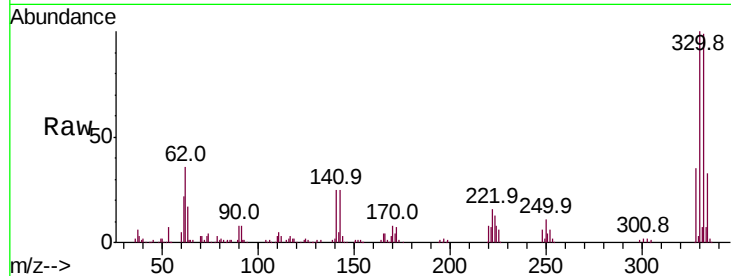




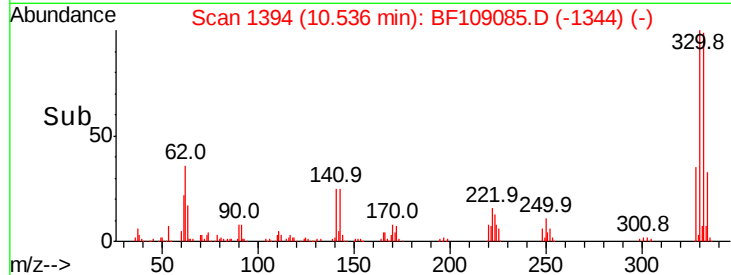
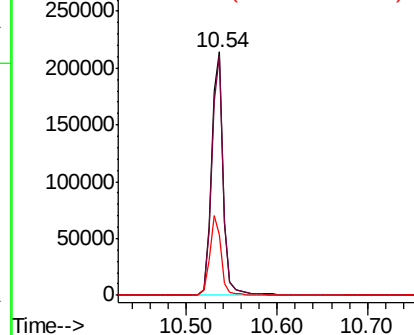
#41
 2,4,6-Tribromophenol
 Concen: 106.100 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Instrument :
 BNA_F
 ClientSampleId :
 091318-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	31.9	29.9	44.9

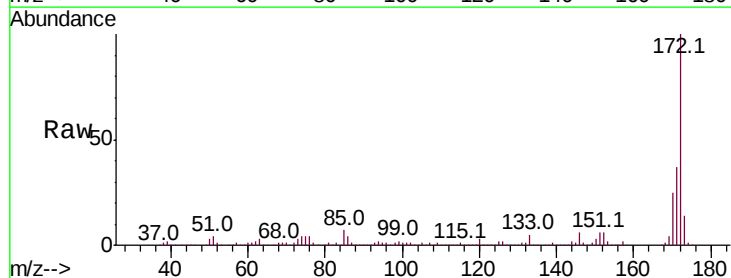


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

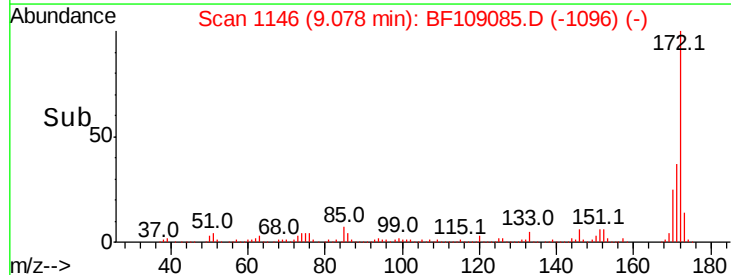
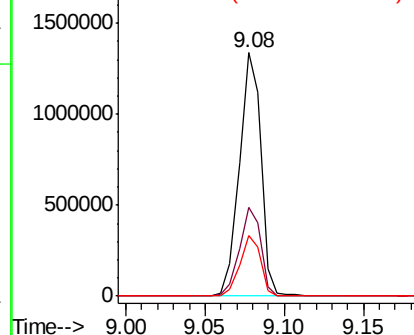


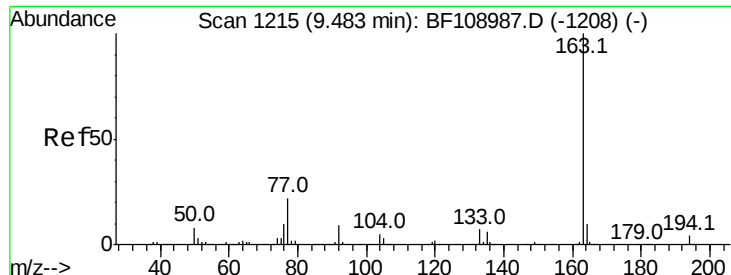
#44
 2-Fluorobiphenyl
 Concen: 116.649 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109085.D
 Acq: 18 Sep 2018 9:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	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: 5.006 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109085.D

Acq: 18 Sep 2018 9:00

Instrument :

BNA_F

ClientSampleId :

091318-JETT-E-U-S

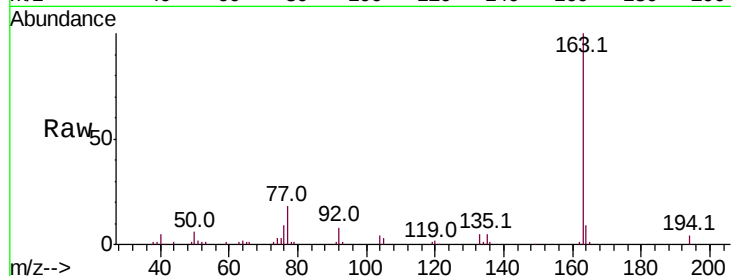
Tot Ion:163 Resp: 60825

Ion Ratio Lower Upper

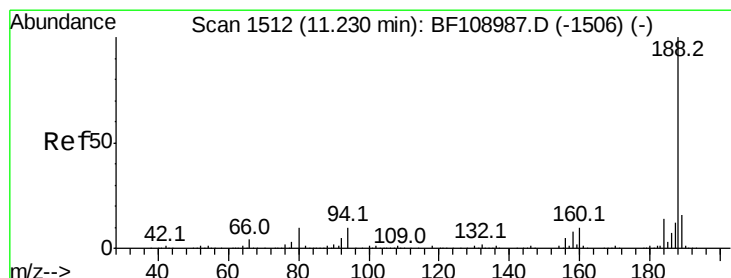
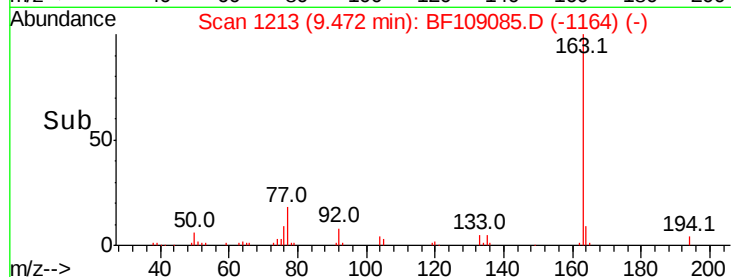
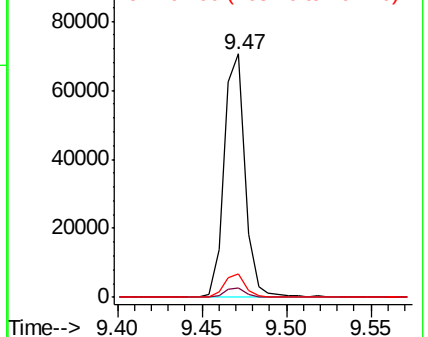
163 100

194 3.6 2.7 4.1

164 9.4 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: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF109085.D

Acq: 18 Sep 2018 9:00

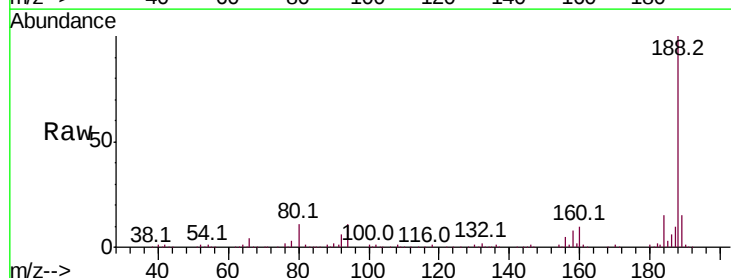
Tgt Ion:188 Resp: 337767

Ion Ratio Lower Upper

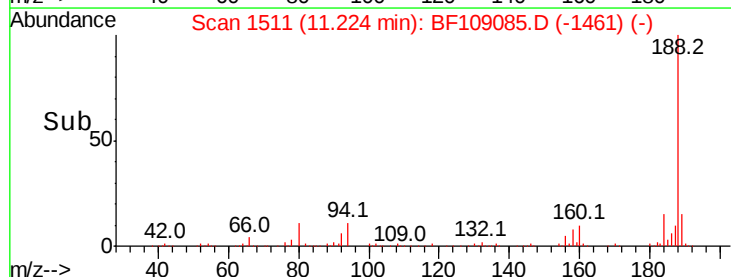
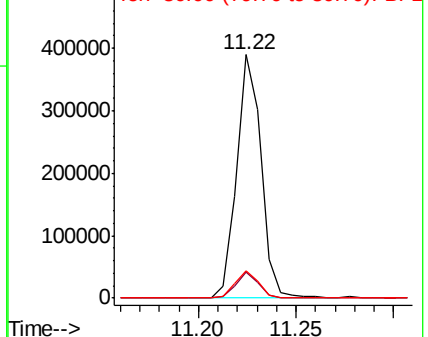
188 100

94 10.6 8.5 12.7

80 11.0 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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109085.D

Acq: 18 Sep 2018 9:00

Instrument :

BNA_F

ClientSampleId :

091318-JETT-E-U-S

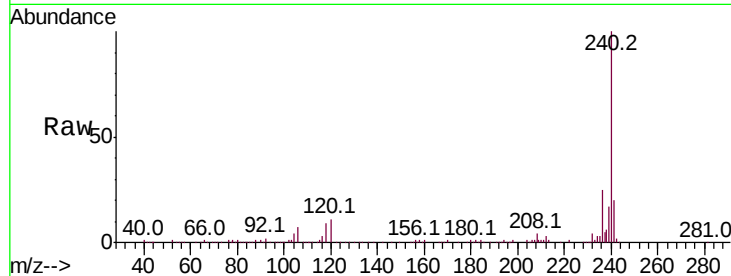
Tot Ion:240 Resp: 318644

Ion Ratio Lower Upper

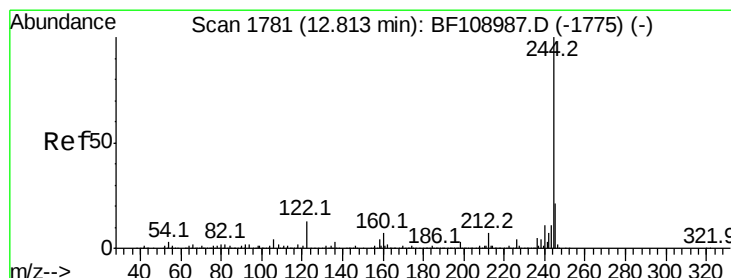
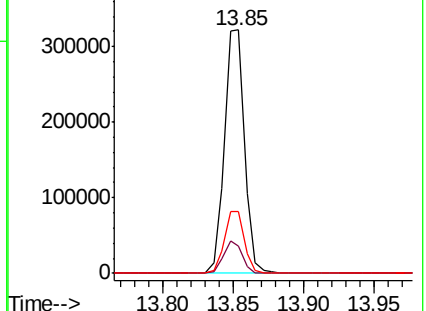
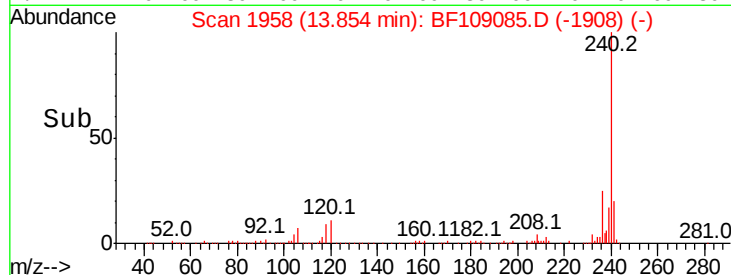
240 100

120 11.2 9.5 14.3

236 25.3 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: 102.630 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109085.D

Acq: 18 Sep 2018 9:00

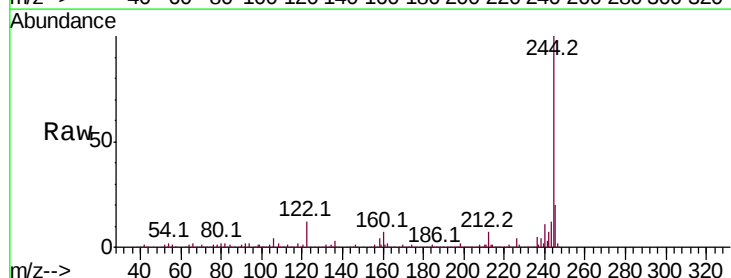
Tgt Ion:244 Resp: 1379692

Ion Ratio Lower Upper

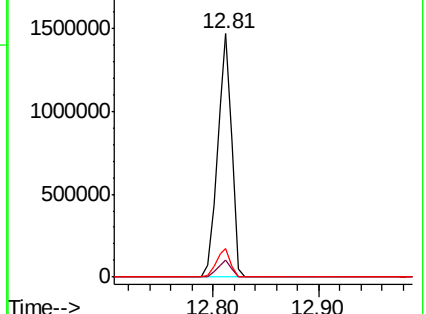
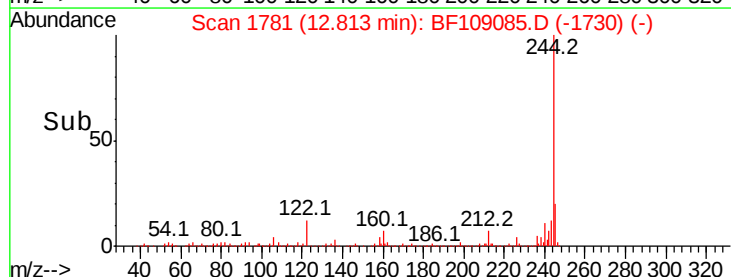
244 100

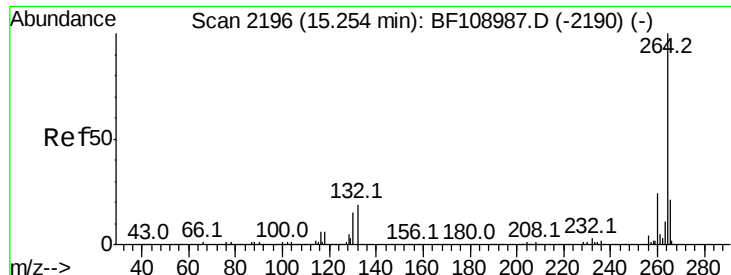
212 7.2 5.4 8.0

122 11.9 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: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109085.D
Acq: 18 Sep 2018 9:00

Instrument :
BNA_F
ClientSampleId :
091318-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.4	17.5	26.3

