

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109374.D
 Acq On : 27 Sep 2018 8:26
 Operator : JU/SJ
 Sample : J5051-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-U-S

Quant Time: Sep 27 11:39:08 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

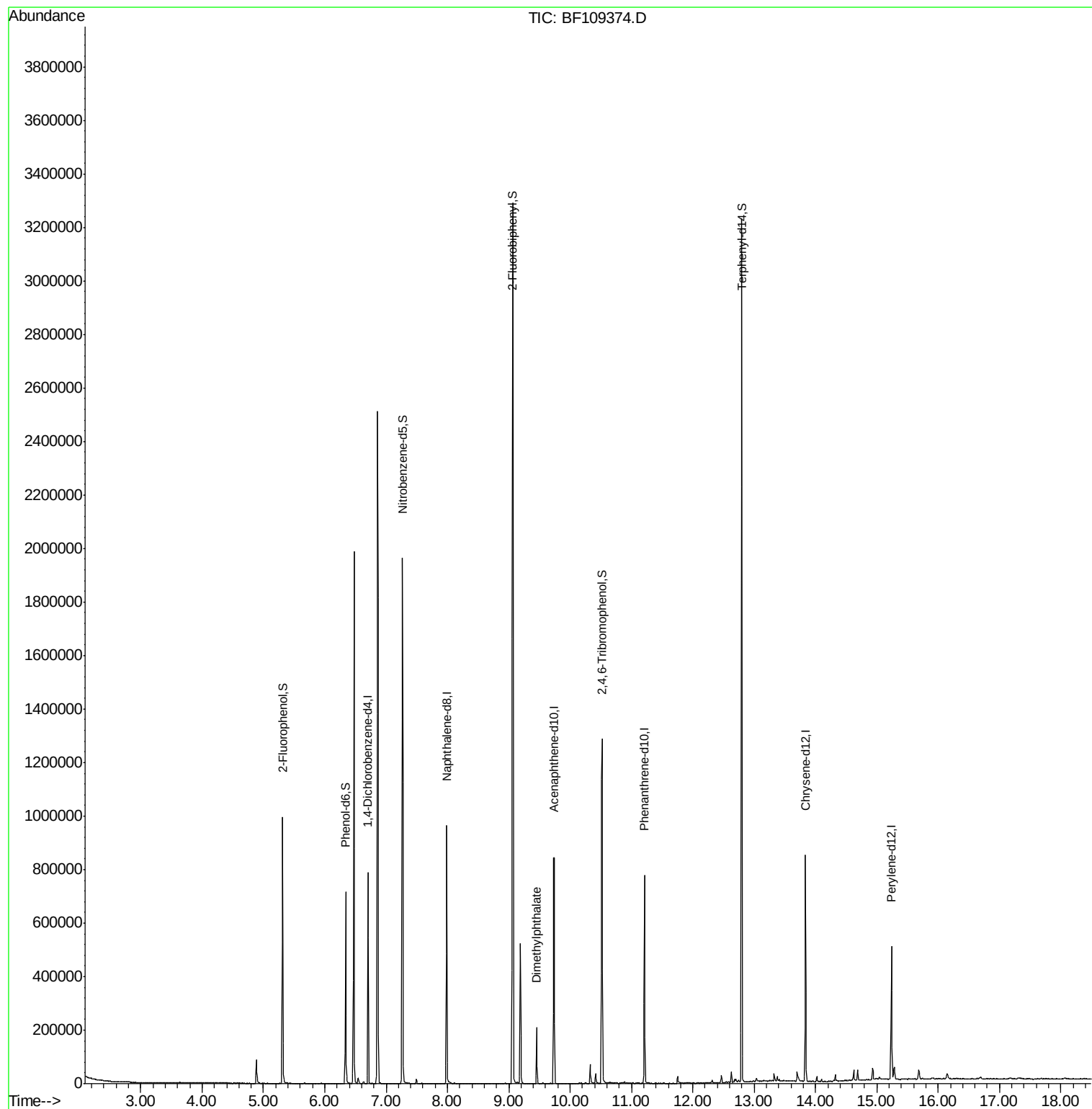
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106821	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	391882	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	168494	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	289143	20.00	ng	0.00
75) Chrysene-d12	13.84	240	282107	20.00	ng	0.00
86) Perylene-d12	15.24	264	224878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	269059	41.49	ng	0.00
7) Phenol-d6	6.34	99	214803	25.96	ng	-0.02
23) Nitrobenzene-d5	7.27	82	675180	101.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	158063	95.16	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1111824	99.52	ng	0.00
78) Terphenyl-d14	12.80	244	1075691	93.58	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	83140	6.784	ng	98

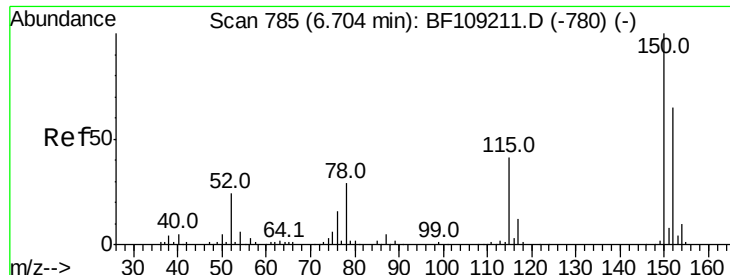
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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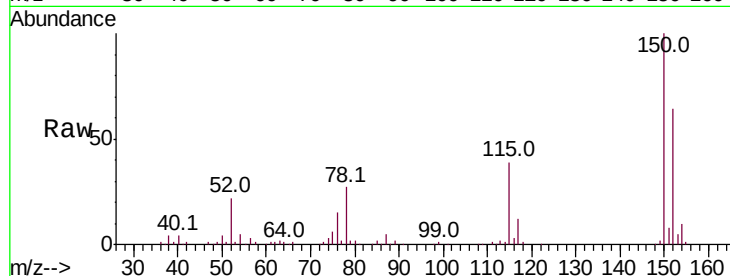


#1

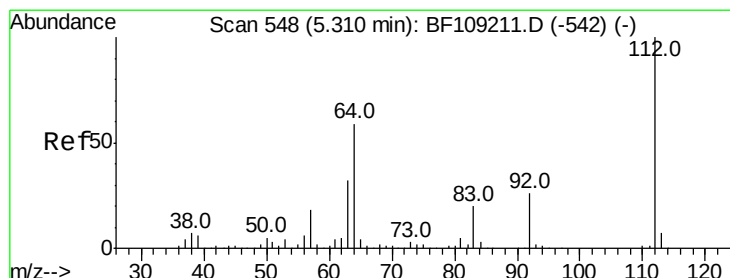
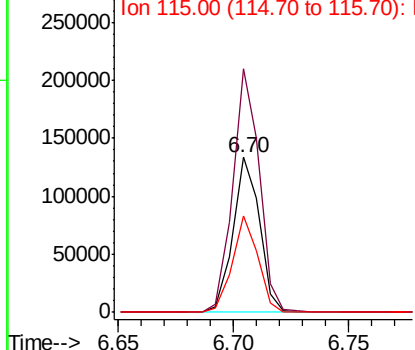
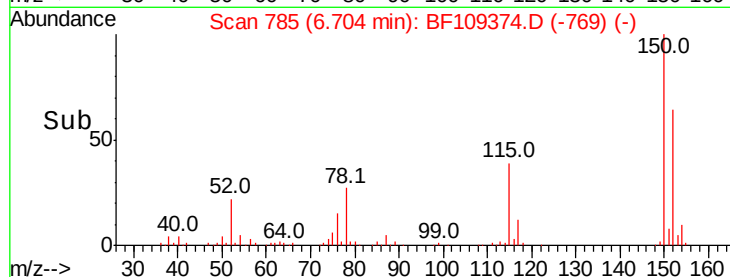
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Instrument :
BNA_F
ClientSampleId :
092118-TIPC-F-U-S

Tot Ion:152 Resp: 106821
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.7 50.1 75.1



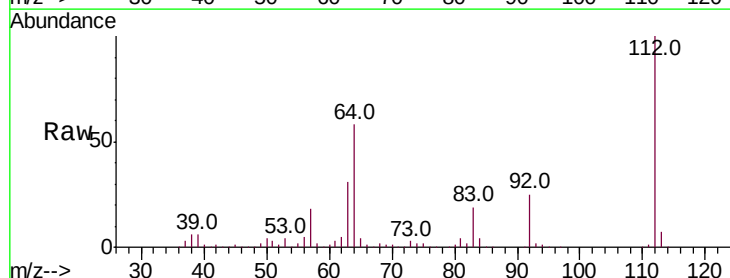
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



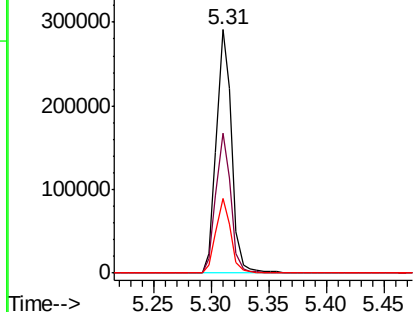
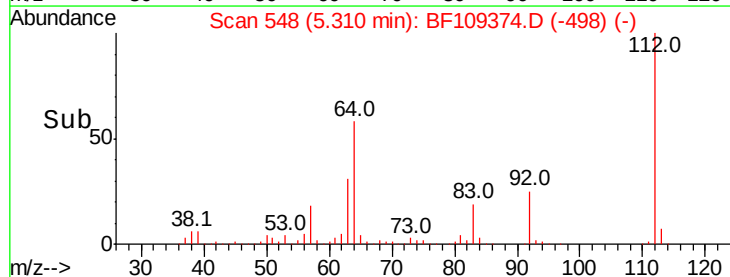
#5

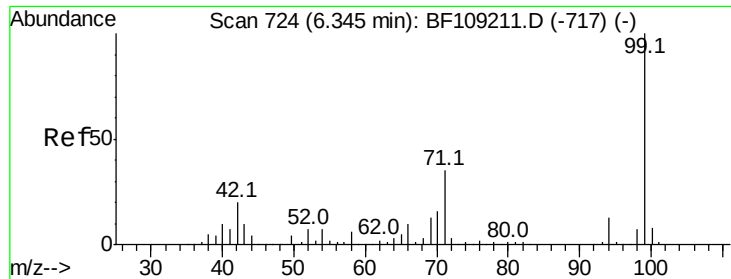
2-Fluorophenol
Concen: 41.486 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109374.D
Acq: 27 Sep 2018 8:26

Tgt Ion:112 Resp: 269059
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
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: 25.956 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109374.D

Acq: 27 Sep 2018 8:26

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-U-S

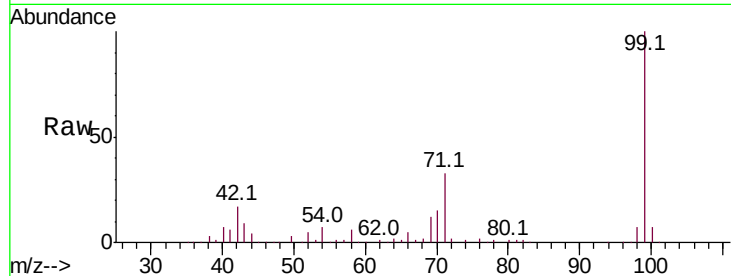
Tot Ion: 99 Resp: 214803

Ion Ratio Lower Upper

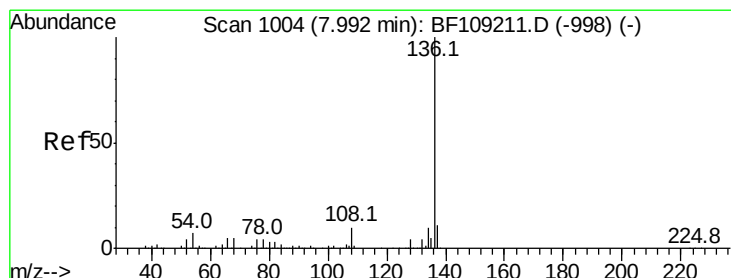
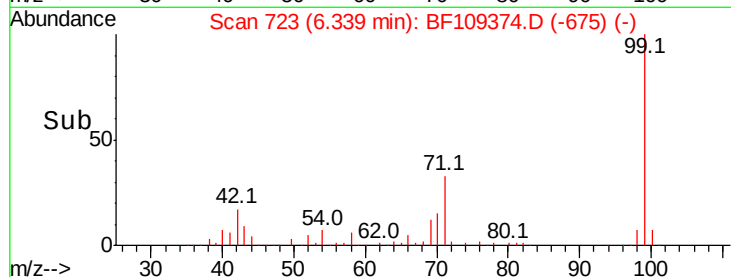
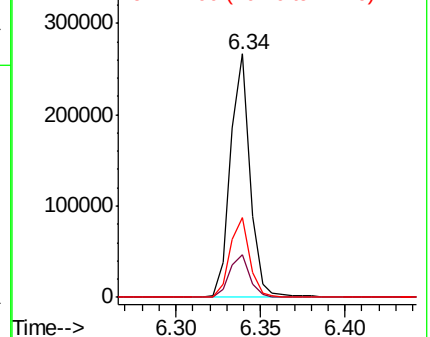
99 100

42 17.3 14.5 21.7

71 32.8 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: BF109374.D

Acq: 27 Sep 2018 8:26

Tgt Ion: 136 Resp: 391882

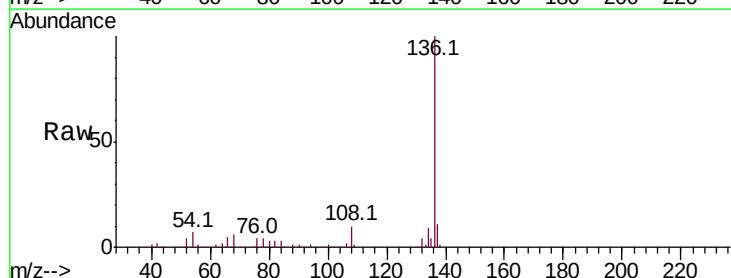
Ion Ratio Lower Upper

136 100

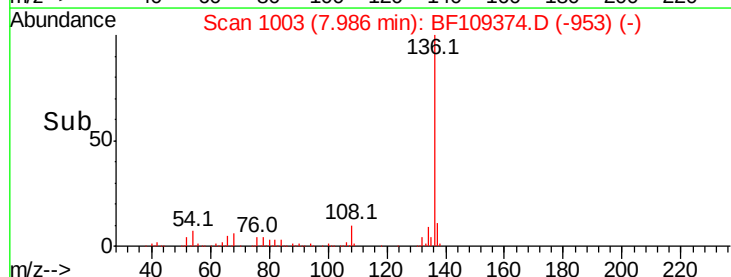
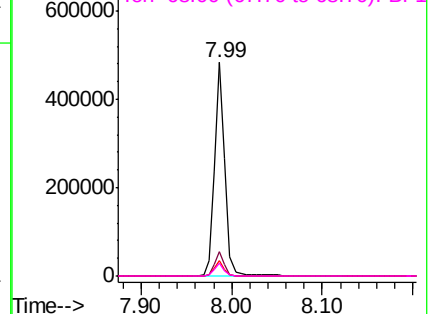
137 11.2 8.9 13.3

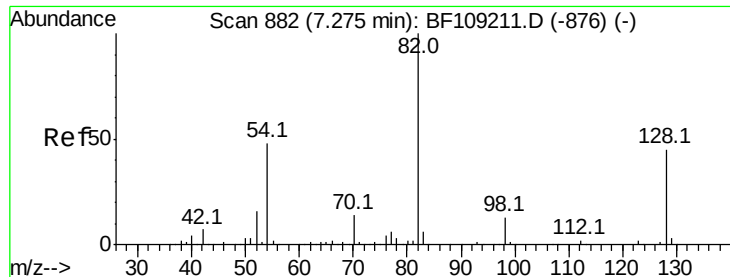
54 7.0 6.6 9.8

68 5.7 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

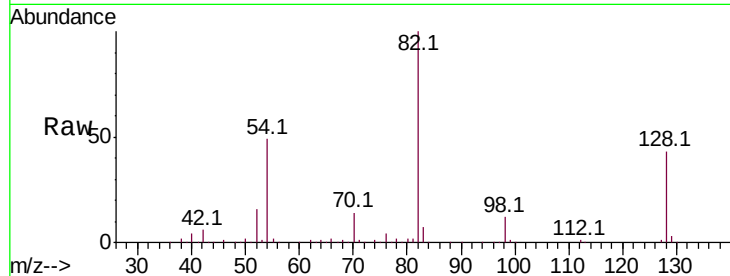




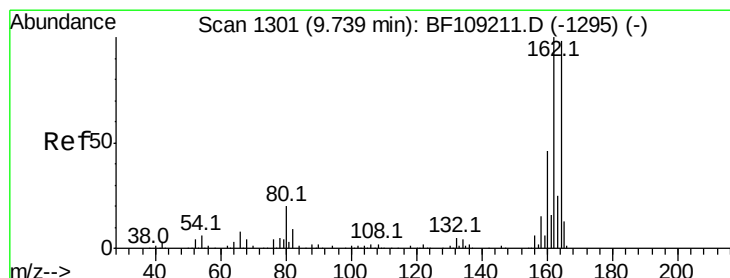
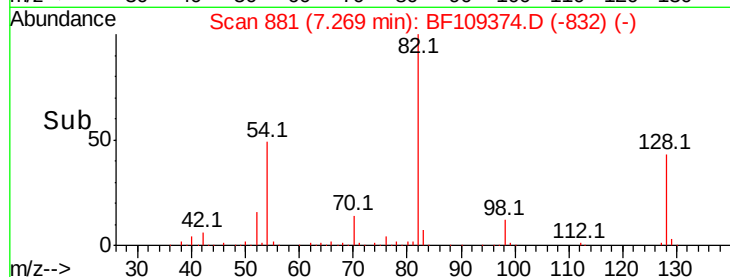
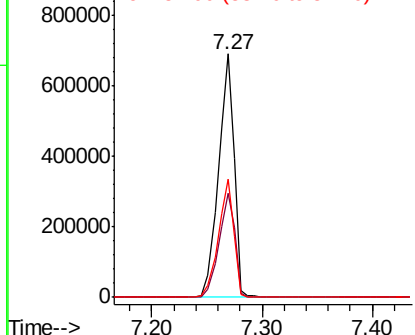
#23
 Nitrobenzene-d5
 Concen: 101.706 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109374.D
 Acq: 27 Sep 2018 8:26

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-U-S

Tot Ion: 82 Resp: 675180
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 48.7 41.4 62.2

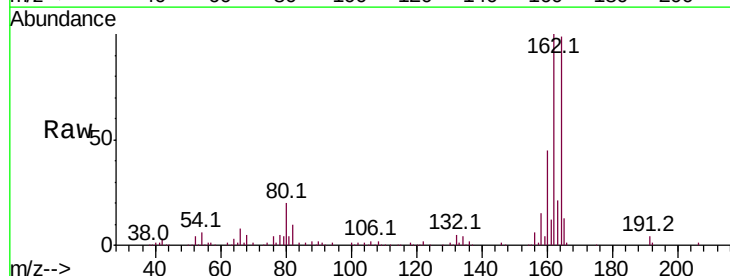


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

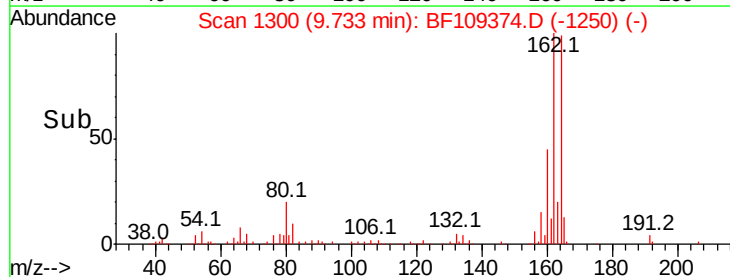
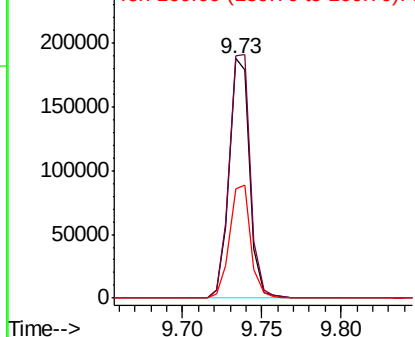


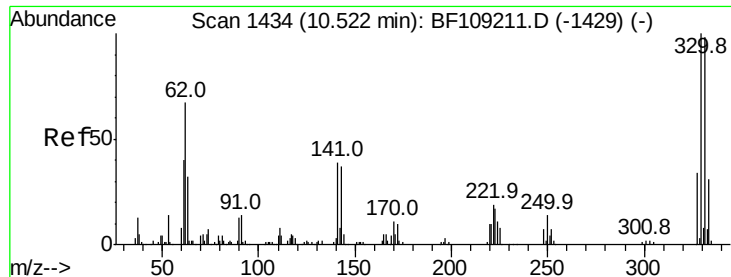
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109374.D
 Acq: 27 Sep 2018 8:26

Tgt Ion:164 Resp: 168494
 Ion Ratio Lower Upper
 164 100
 162 101.2 86.1 129.1
 160 45.6 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: 95.161 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109374.D

Acq: 27 Sep 2018 8:26

Instrument :

BNA_F

ClientSampleId :

092118-TIPC-F-U-S

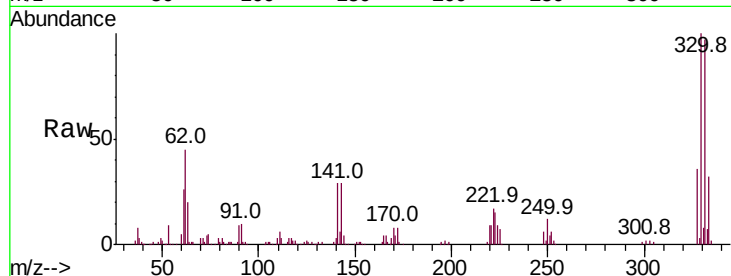
Tot Ion:330 Resp: 158063

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

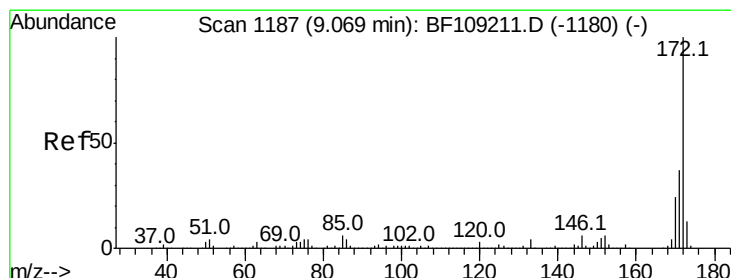
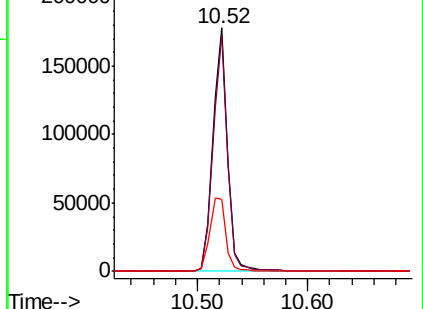
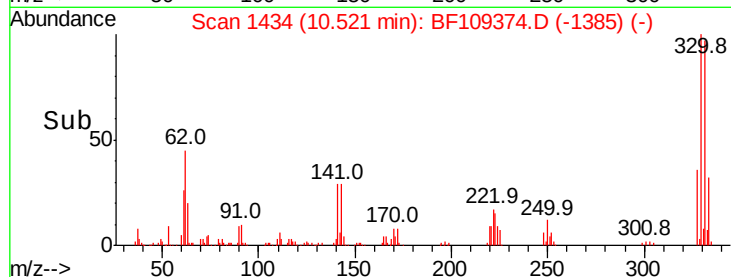
141 33.0 29.9 44.9



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: 99.520 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF109374.D

Acq: 27 Sep 2018 8:26

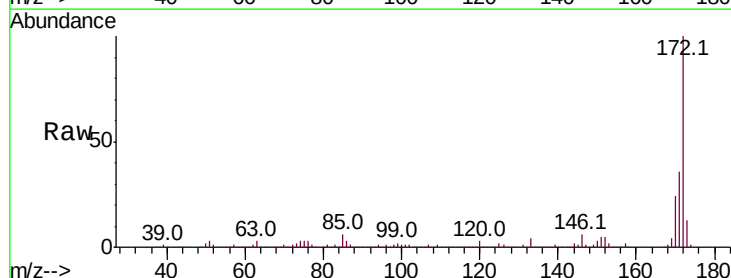
Tgt Ion:172 Resp: 1111824

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

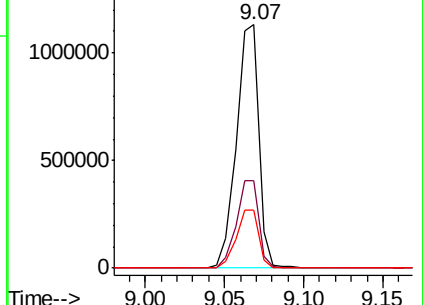
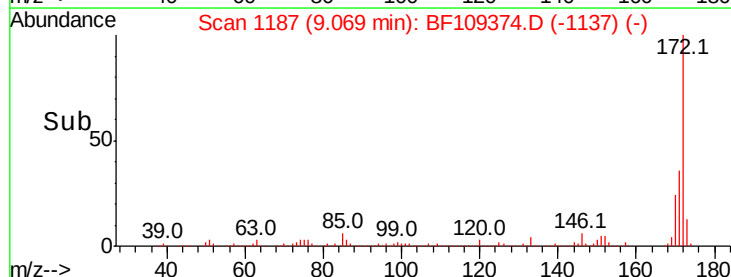
170 24.0 19.6 29.4

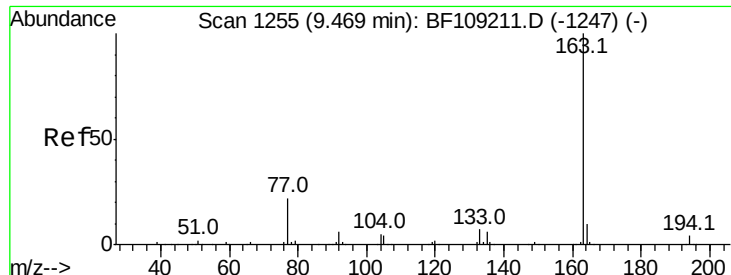


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

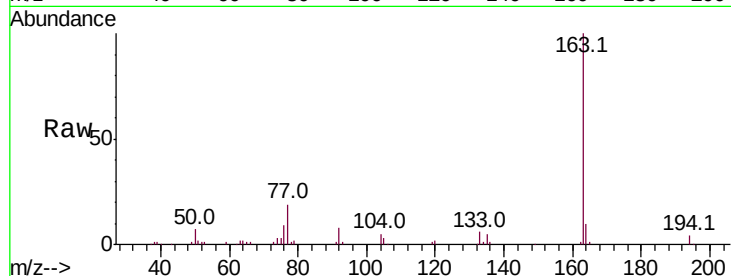




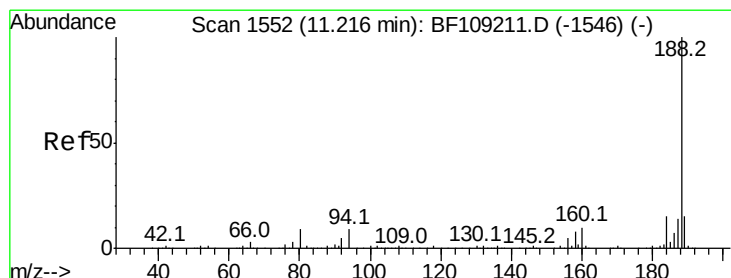
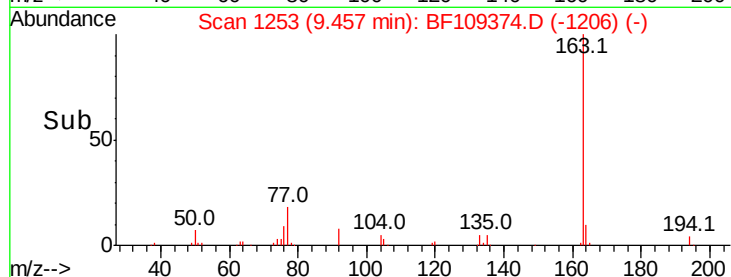
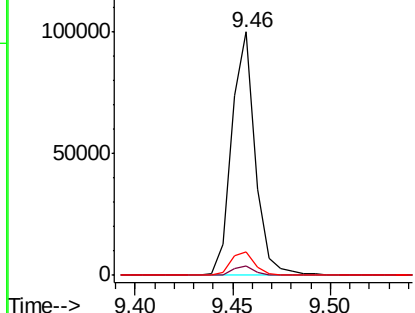
#49
 Dimethylphthalate
 Concen: 6.784 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109374.D
 Acq: 27 Sep 2018 8:26

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-U-S

Tot Ion:163 Resp: 83140
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 9.5 8.2 12.2

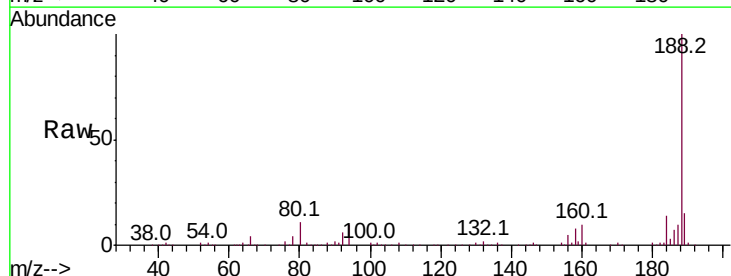


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

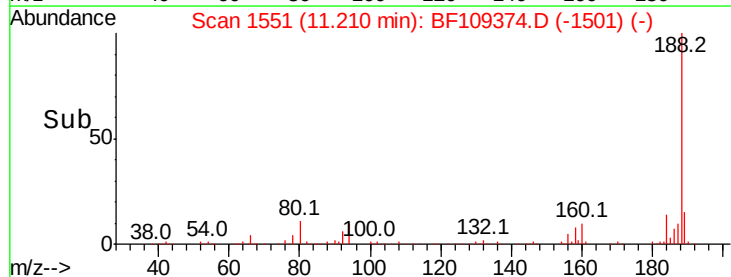
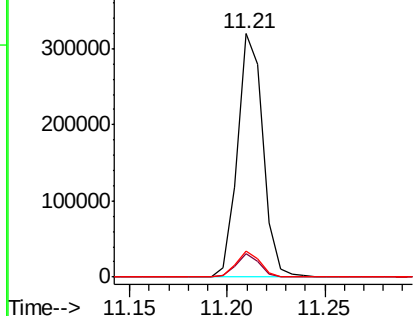


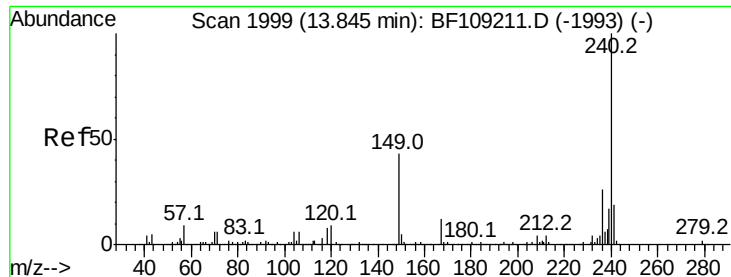
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109374.D
 Acq: 27 Sep 2018 8:26

Tgt Ion:188 Resp: 289143
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.7 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109374.D

Acq: 27 Sep 2018 8:26

Instrument :

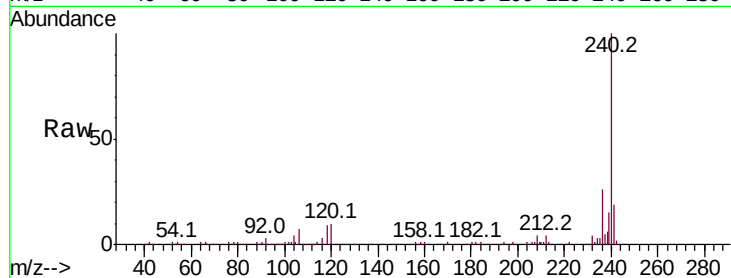
BNA_F

ClientSampleId :

092118-TIPC-F-U-S

Tot Ion:240 Resp: 282107

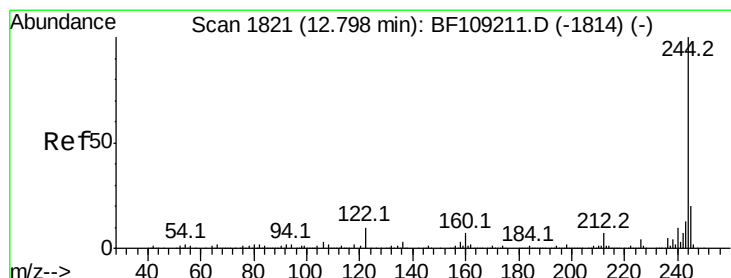
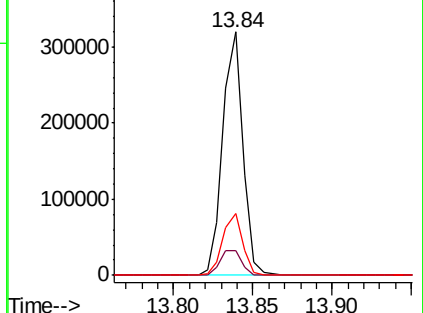
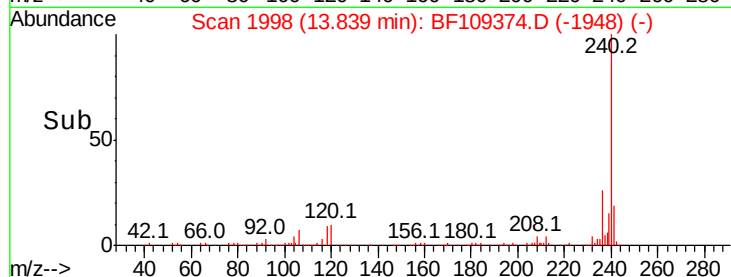
Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.5	20.7	31.1



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: 93.579 ng

RT: 12.80 min Scan# 1821

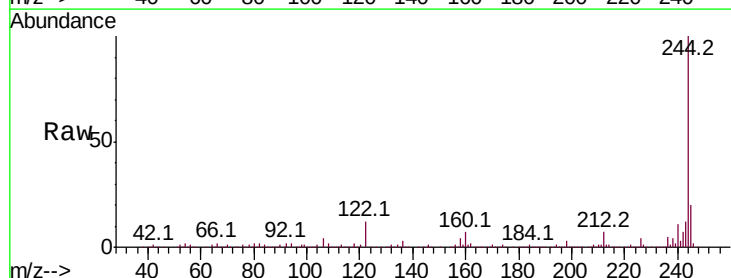
Delta R.T. -0.01 min

Lab File: BF109374.D

Acq: 27 Sep 2018 8:26

Tgt Ion:244 Resp: 1075691

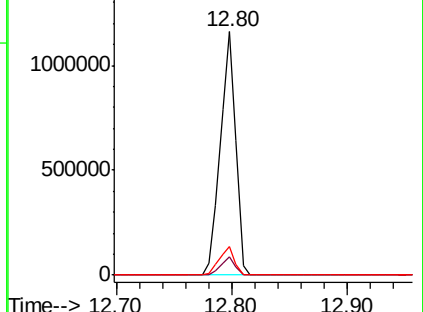
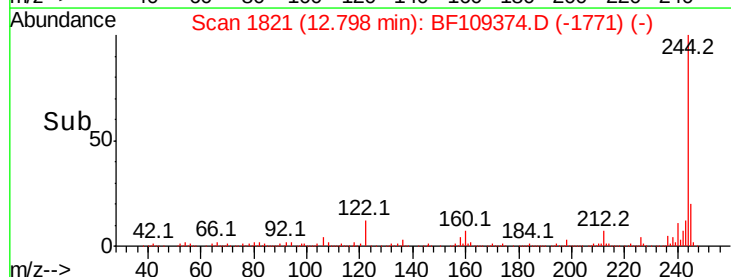
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.8	11.0	16.4

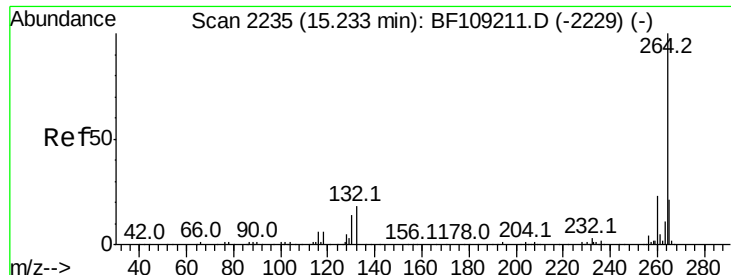


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109374.D
 Acq: 27 Sep 2018 8:26

Instrument :
 BNA_F
 ClientSampleId :
 092118-TIPC-F-U-S

Tot Ion:	264	Resp:	224878
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3

