

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109121.D
 Acq On : 19 Sep 2018 3:21
 Operator : JU/SJ
 Sample : J4930-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091318-TIPC-F-U-S

Quant Time: Sep 19 05:58:16 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

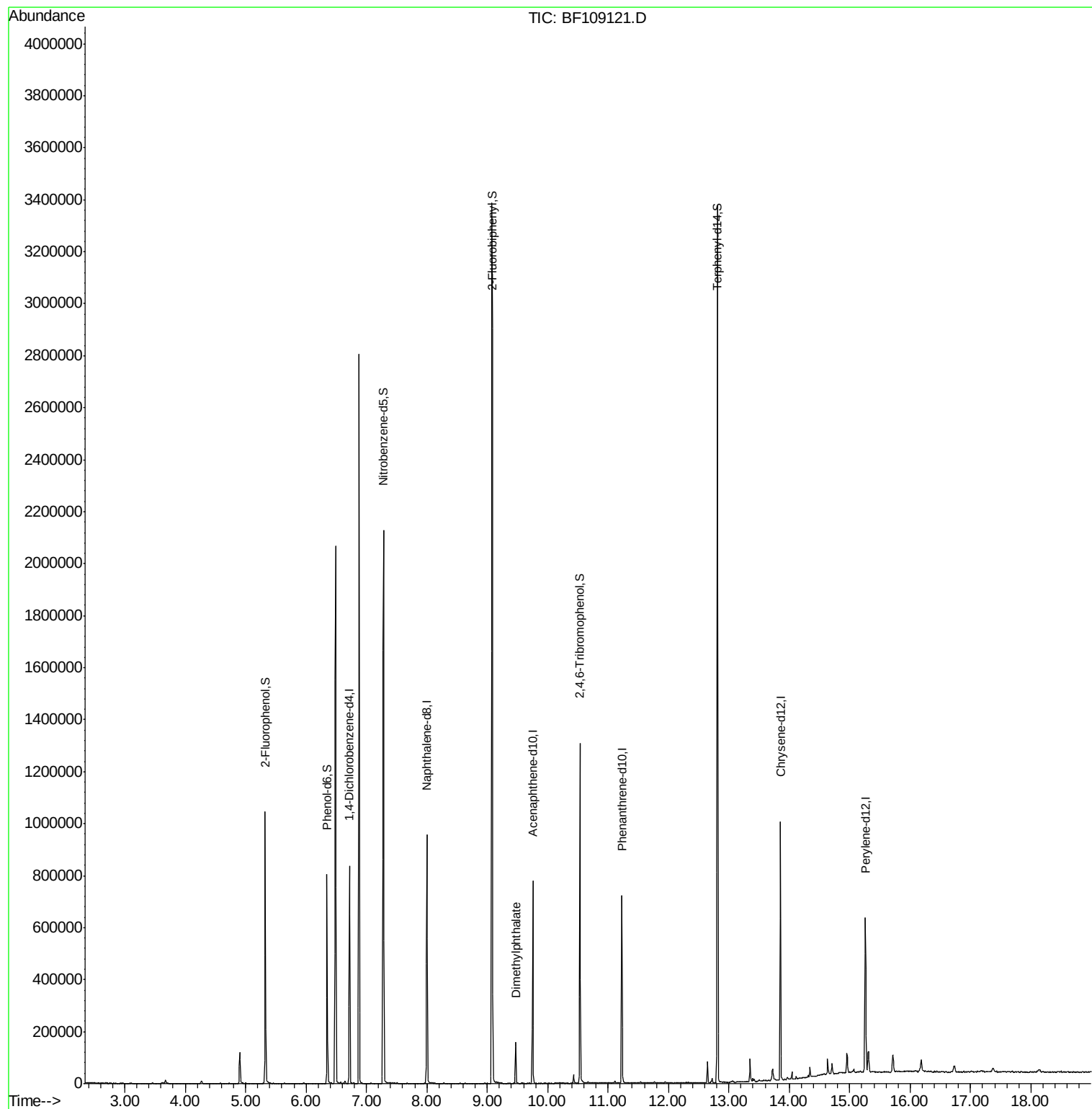
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116257	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	389889	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	153330	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	268905	20.00	ng	0.00
75) Chrysene-d12	13.85	240	316249	20.00	ng	0.00
86) Perylene-d12	15.26	264	259677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	294527	42.08	ng	0.00
7) Phenol-d6	6.35	99	232280	25.74	ng	-0.01
23) Nitrobenzene-d5	7.28	82	690140	99.28	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	156092	93.80	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1082351	110.59	ng	0.00
78) Terphenyl-d14	12.81	244	1150114	86.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	66729	6.089	ng	Qvalue 99

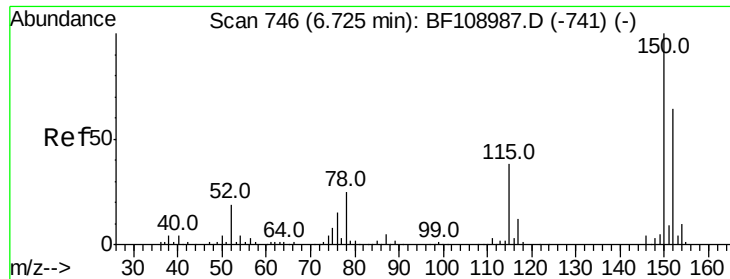
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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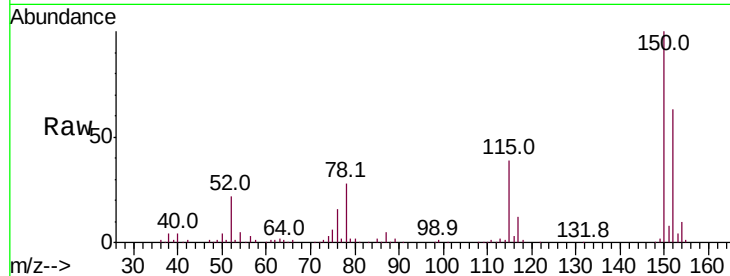


#1

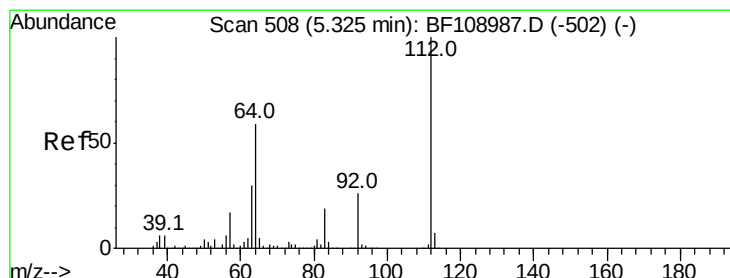
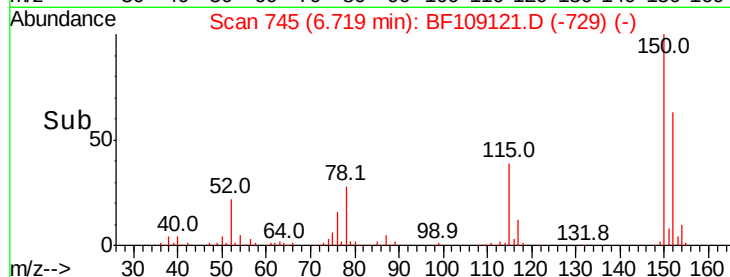
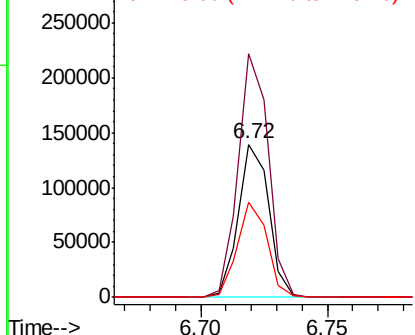
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109121.D
Acq: 19 Sep 2018 3:21

Instrument :
BNA_F
ClientSampleId :
091318-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.4	50.1	75.1



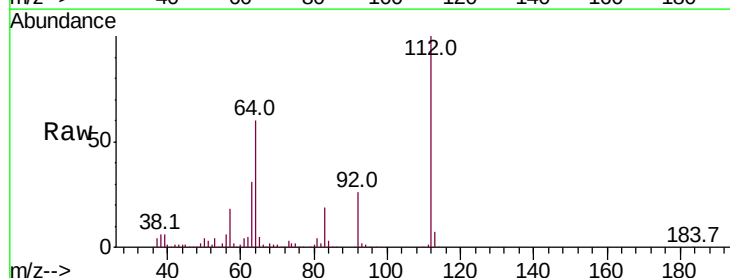
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



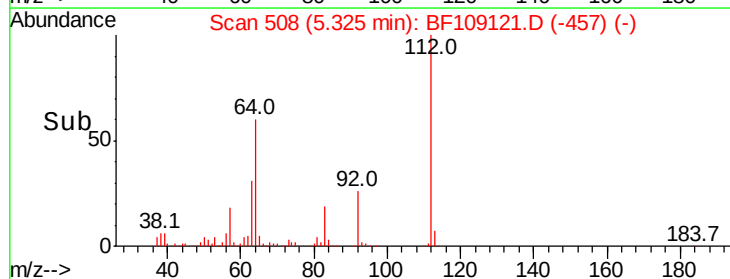
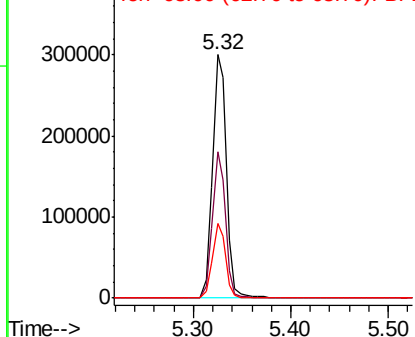
#5

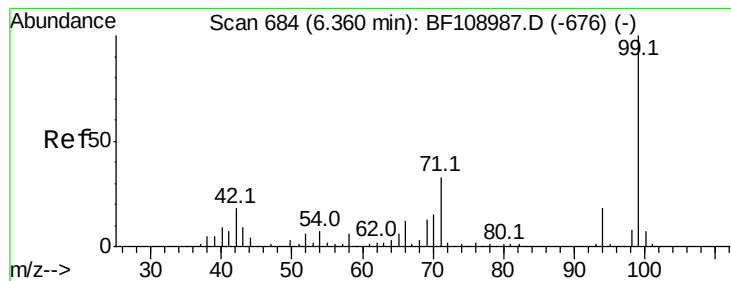
2-Fluorophenol
Concen: 42.077 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109121.D
Acq: 19 Sep 2018 3:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	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: 25.735 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109121.D

Acq: 19 Sep 2018 3:21

Instrument :

BNA_F

ClientSampleId :

091318-TIPC-F-U-S

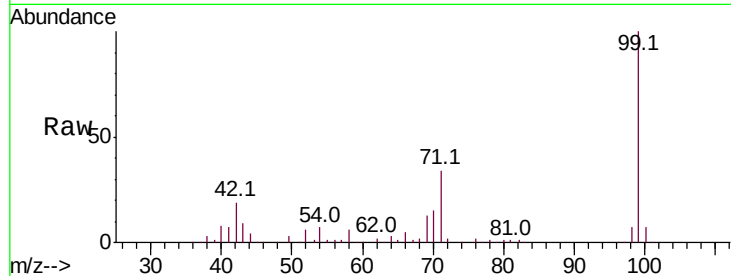
Tot Ion: 99 Resp: 232280

Ion Ratio Lower Upper

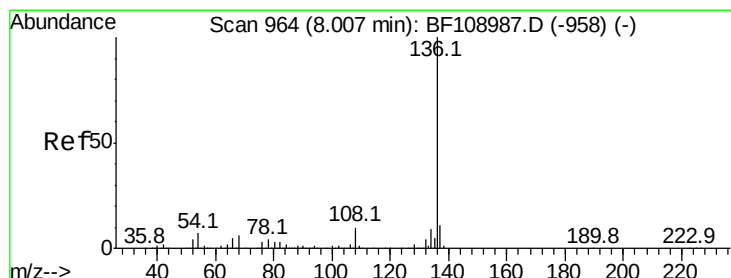
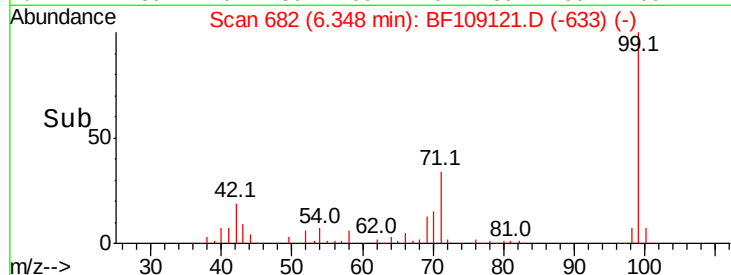
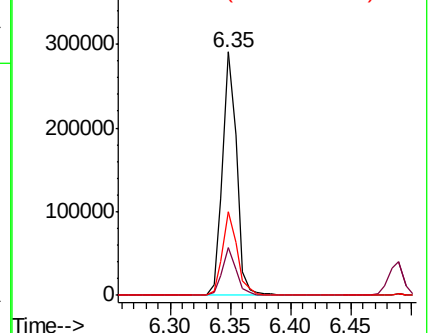
99 100

42 19.4 14.5 21.7

71 34.5 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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109121.D

Acq: 19 Sep 2018 3:21

Tgt Ion: 136 Resp: 389889

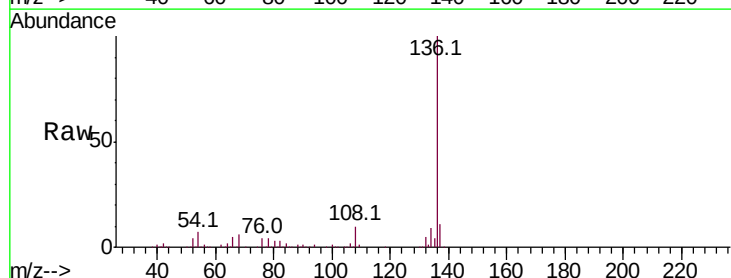
Ion Ratio Lower Upper

136 100

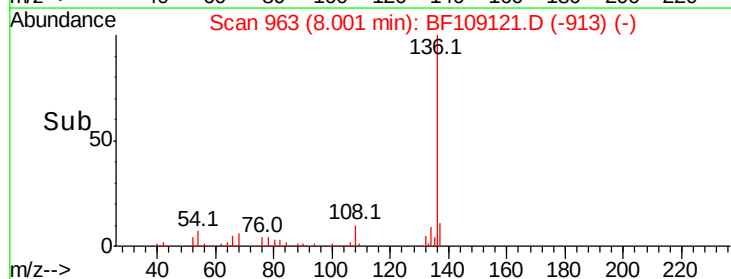
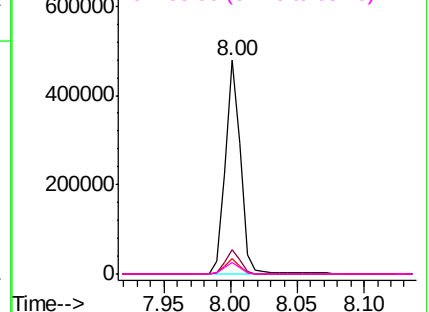
137 11.4 8.9 13.3

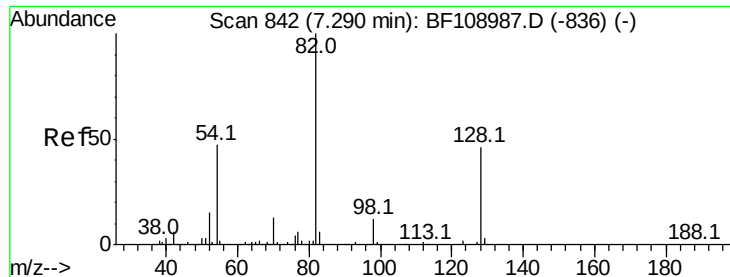
54 7.1 6.6 9.8

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

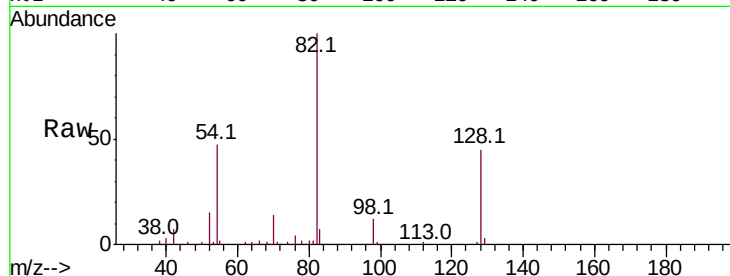




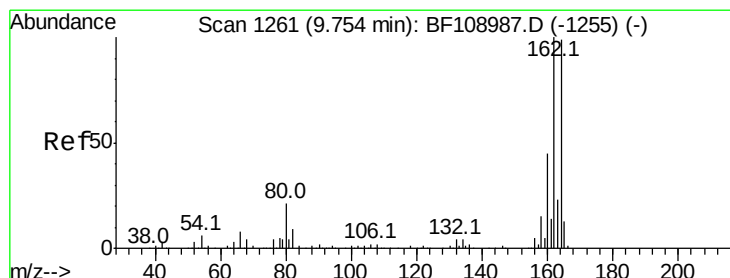
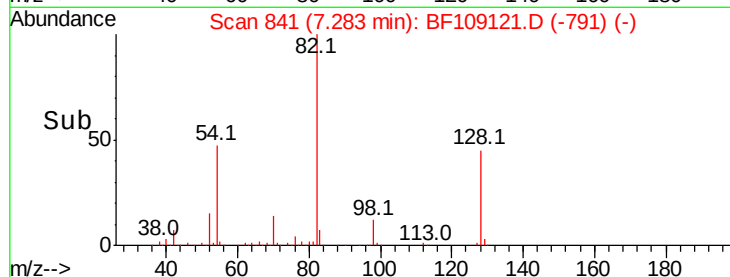
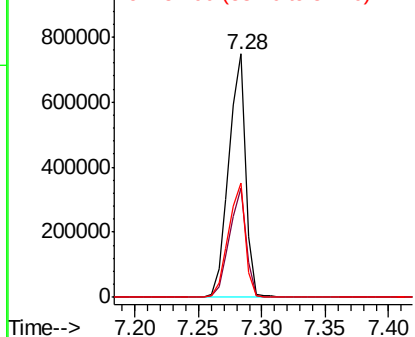
#23
 Nitrobenzene-d5
 Concen: 99.281 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109121.D
 Acq: 19 Sep 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 091318-TIPC-F-U-S

Tot Ion	82	Resp	690140
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.1	54.1
54	47.1	41.4	62.2

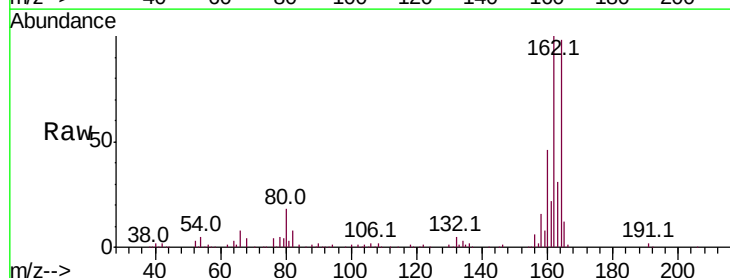


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

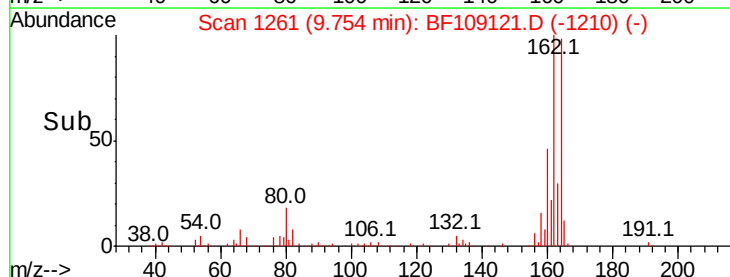
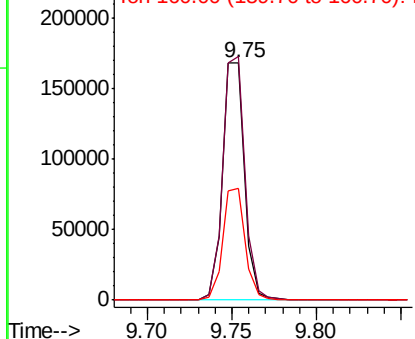


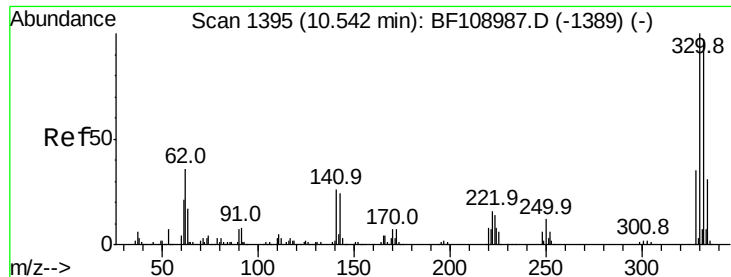
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109121.D
 Acq: 19 Sep 2018 3:21

Tgt Ion	164	Resp	153330
Ion Ratio	Lower	Upper	
164	100		
162	102.5	86.1	129.1
160	46.9	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

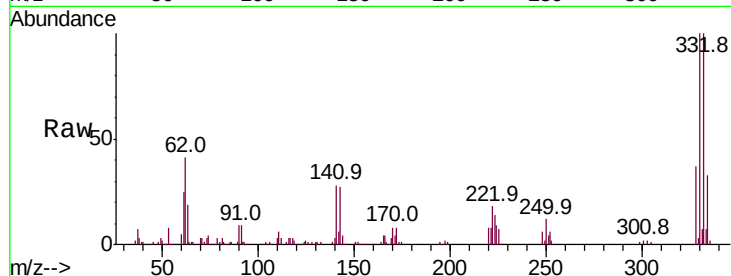




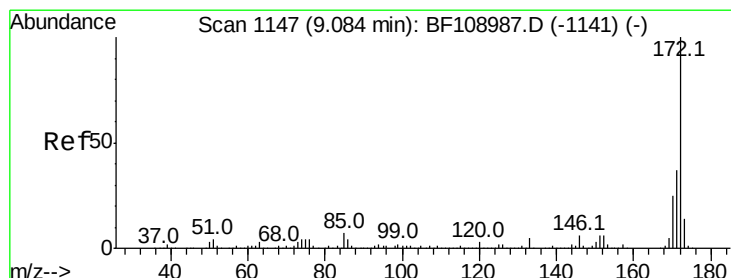
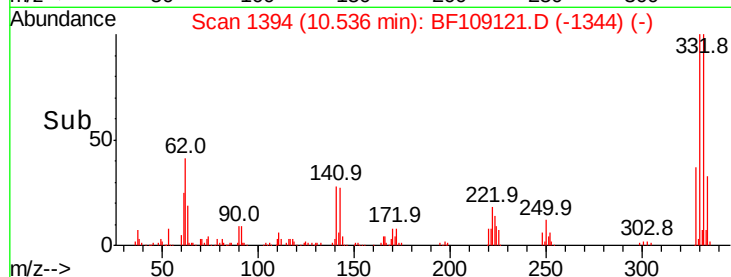
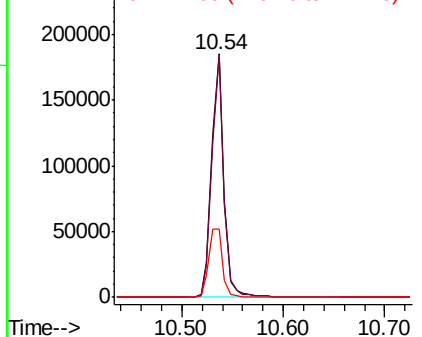
#41
 2,4,6-Tribromophenol
 Concen: 93.803 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109121.D
 Acq: 19 Sep 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 091318-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.2	29.9	44.9

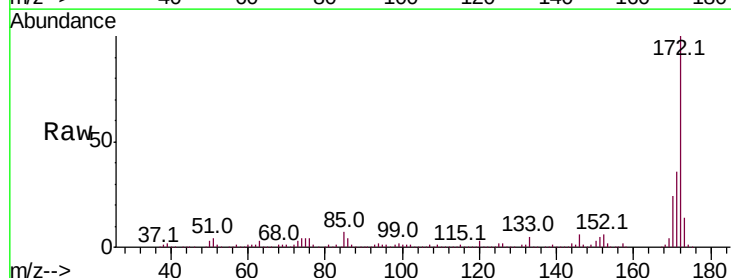


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

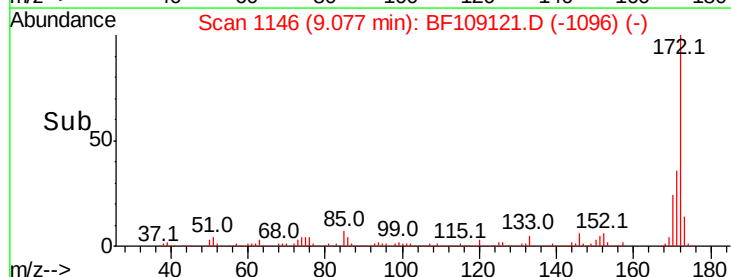
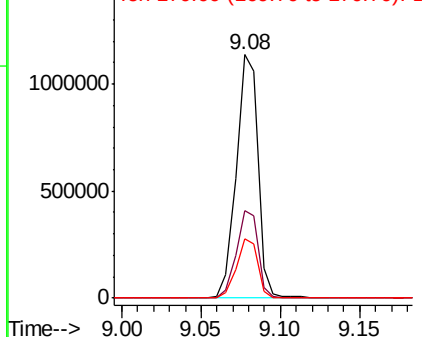


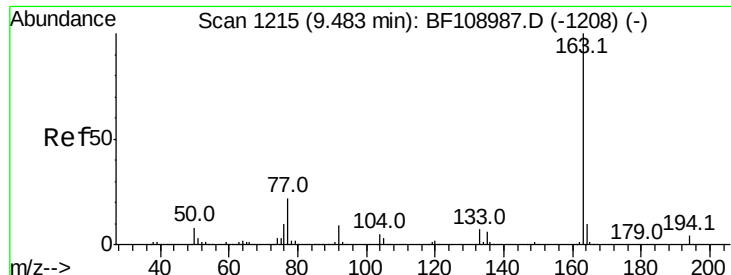
#44
 2-Fluorobiphenyl
 Concen: 110.595 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109121.D
 Acq: 19 Sep 2018 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	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: 6.089 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109121.D

Acq: 19 Sep 2018 3:21

Instrument :

BNA_F

ClientSampleId :

091318-TIPC-F-U-S

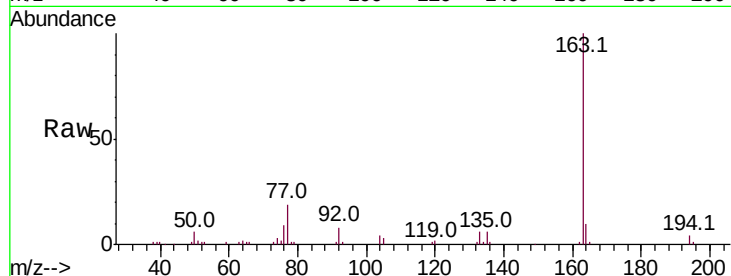
Tot Ion:163 Resp: 66729

Ion Ratio Lower Upper

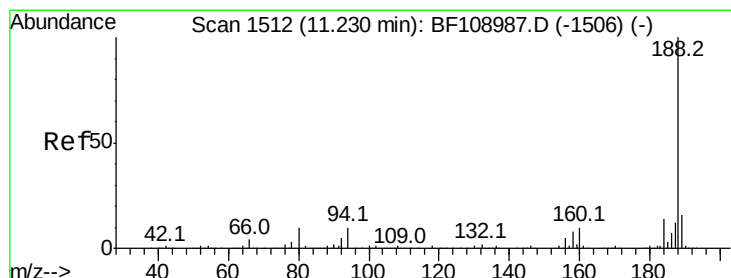
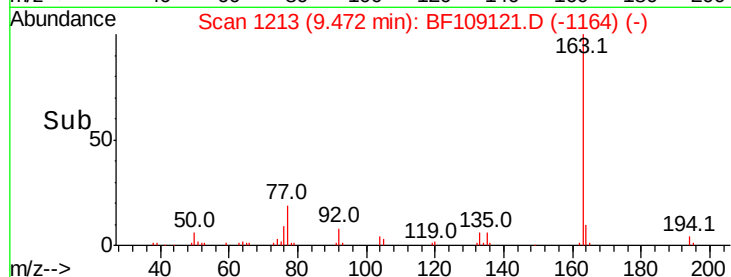
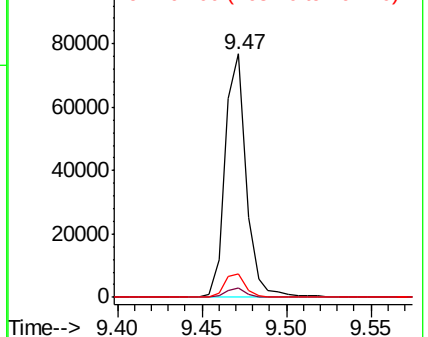
163 100

194 3.9 2.7 4.1

164 9.8 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: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF109121.D

Acq: 19 Sep 2018 3:21

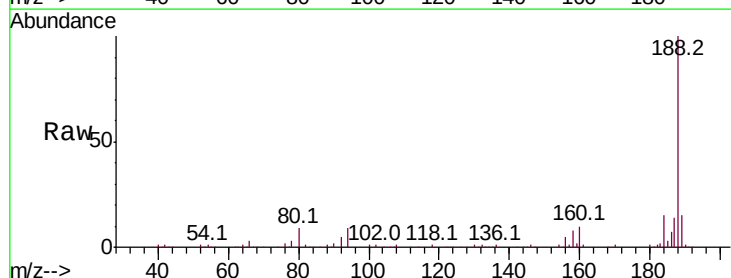
Tgt Ion:188 Resp: 268905

Ion Ratio Lower Upper

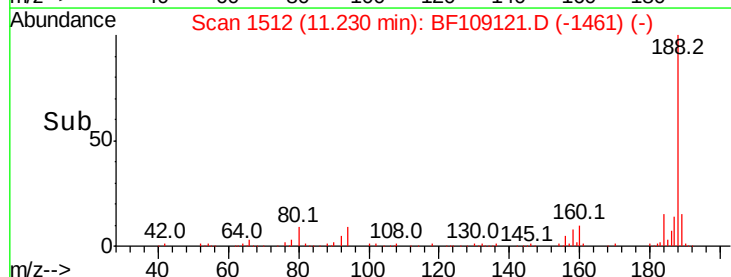
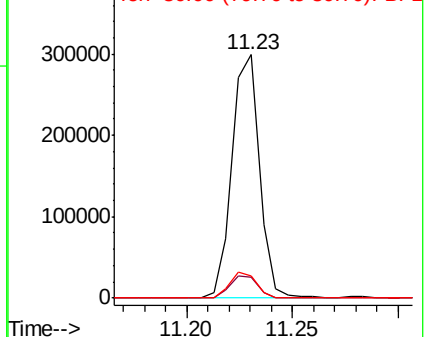
188 100

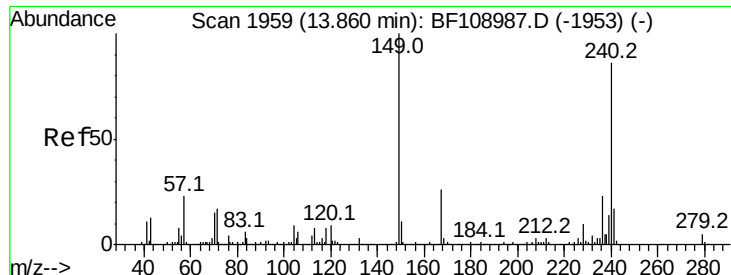
94 8.8 8.5 12.7

80 9.2 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: BF109121.D

Acq: 19 Sep 2018 3:21

Instrument :

BNA_F

ClientSampleId :

091318-TIPC-F-U-S

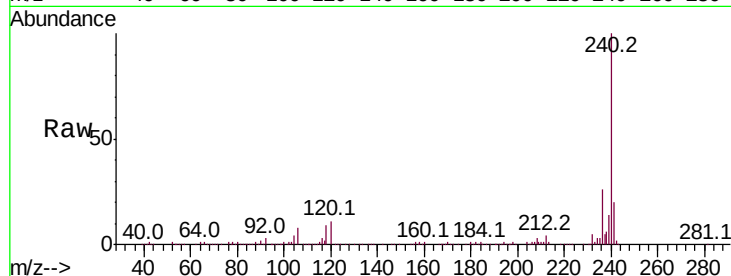
Tot Ion:240 Resp: 316249

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

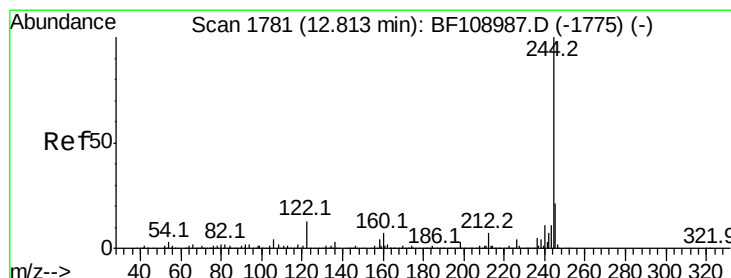
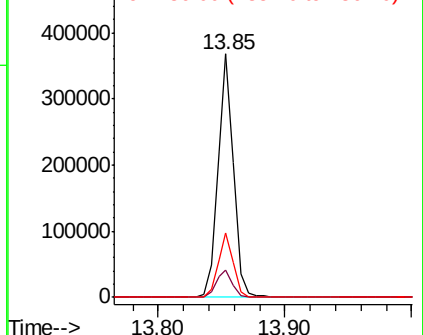
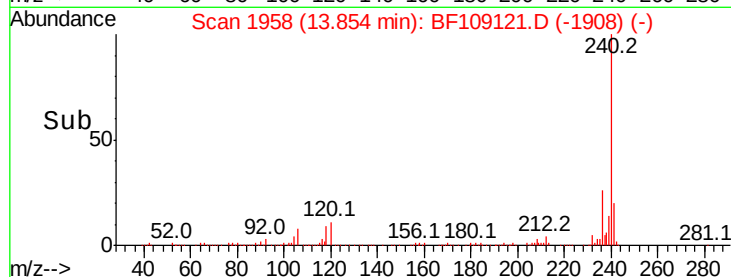
236 26.4 20.7 31.1



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: 86.200 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109121.D

Acq: 19 Sep 2018 3:21

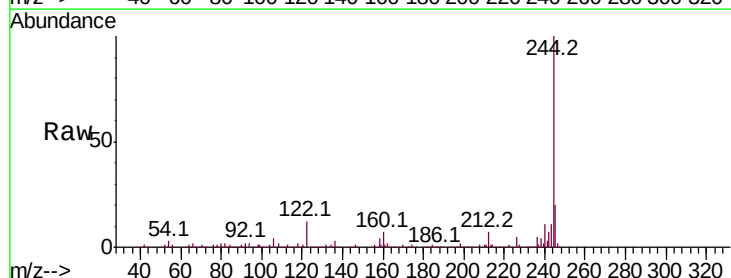
Tgt Ion:244 Resp: 1150114

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

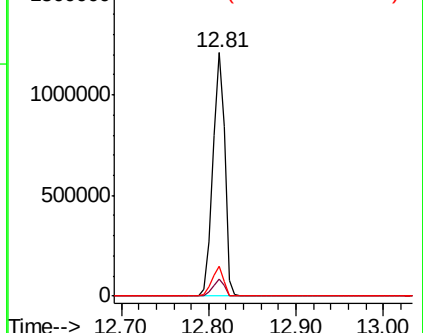
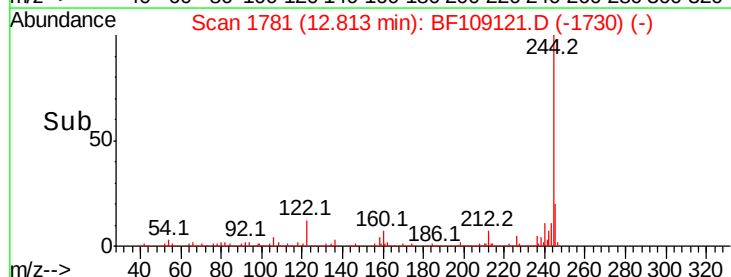
122 12.2 11.0 16.4

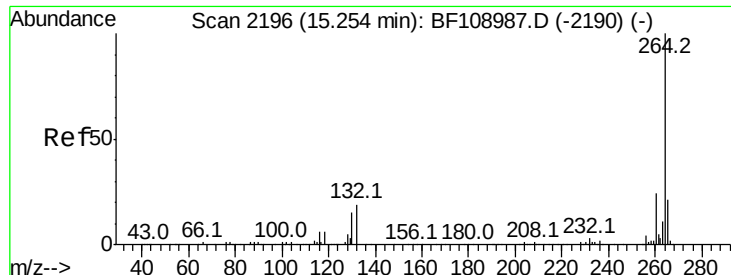


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

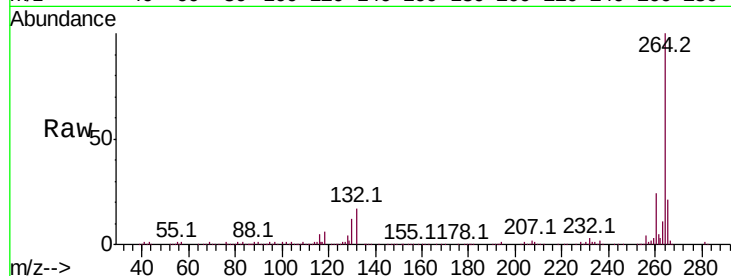




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109121.D
 Acq: 19 Sep 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 091318-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	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

