

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113380.D
 Acq On : 28 Mar 2019 18:07
 Operator : JU/SJ
 Sample : K2107-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Mar 29 02:33:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

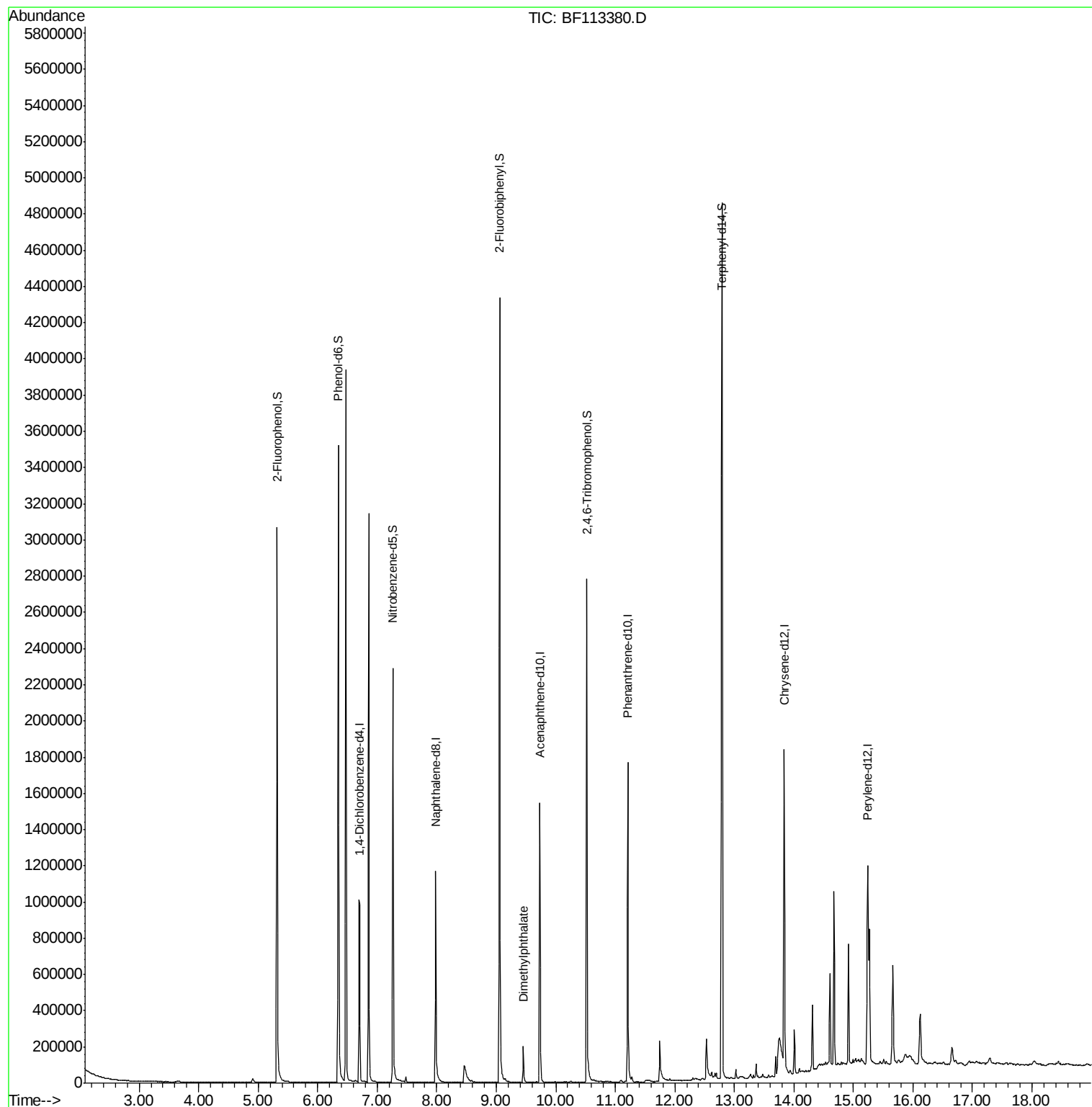
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170840	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	659762	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	330596	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	709424	20.00	ng	0.00
76) Chrysene-d12	13.84	240	669309	20.00	ng	0.00
87) Perylene-d12	15.24	264	562669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1034527	99.02	ng	0.00
7) Phenol-d6	6.35	99	1371088	103.73	ng	0.00
23) Nitrobenzene-d5	7.26	82	841021	75.66	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	443890	108.70	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1620269	74.67	ng	0.00
79) Terphenyl-d14	12.79	244	2011731	66.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	100432	4.099	ng	Qvalue 100

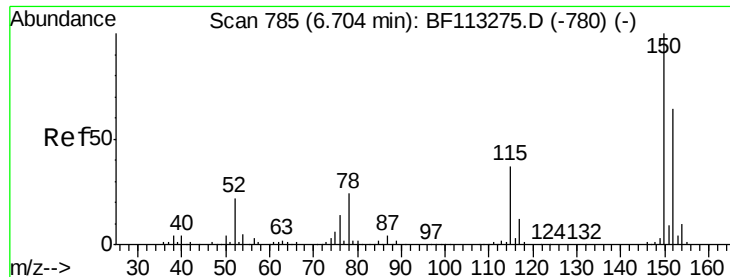
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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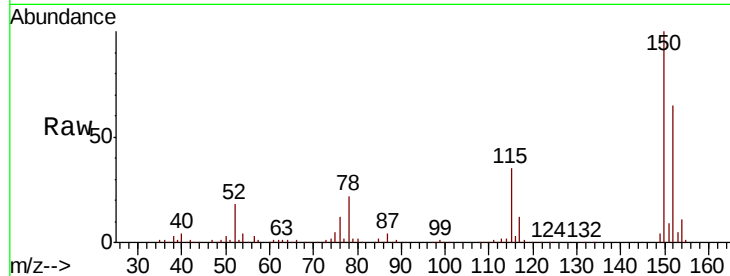


#1

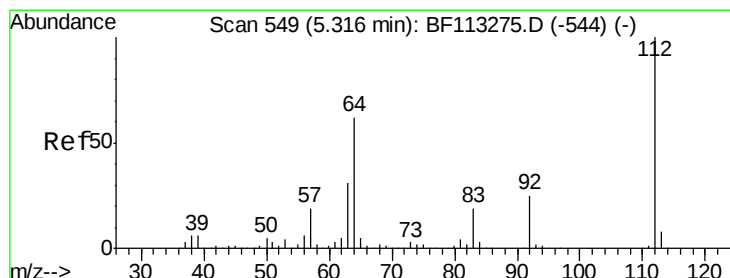
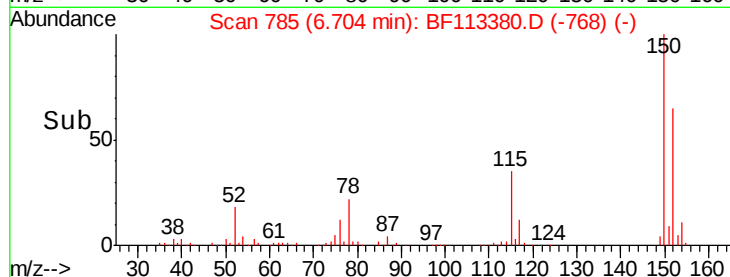
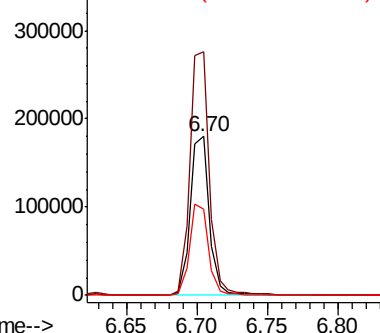
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113380.D
Acq: 28 Mar 2019 18:07

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion:152 Resp: 170840
Ion Ratio Lower Upper
152 100
150 153.5 124.7 187.1
115 53.9 46.0 69.0



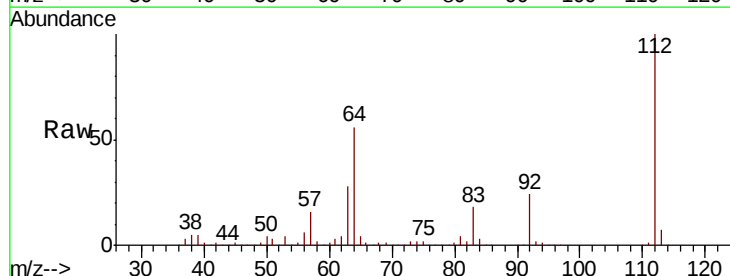
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



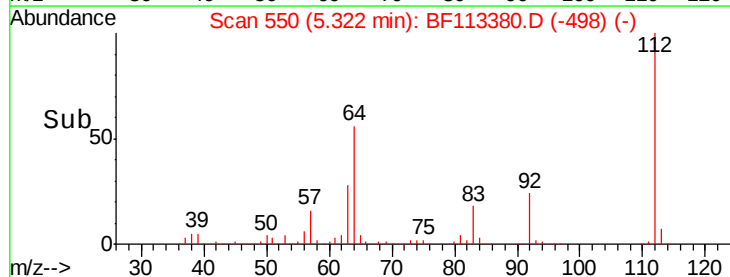
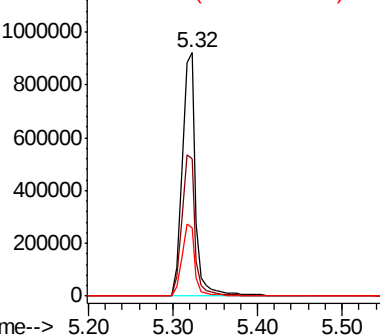
#5

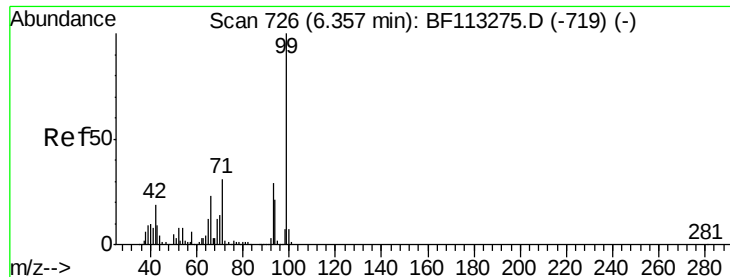
2-Fluorophenol
Concen: 99.015 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113380.D
Acq: 28 Mar 2019 18:07

Tgt Ion:112 Resp: 1034527
Ion Ratio Lower Upper
112 100
64 56.3 49.2 73.8
63 28.2 24.9 37.3



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: 103.733 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113380.D

Acq: 28 Mar 2019 18:07

Instrument :

BNA_F

ClientSampleId :

TP-8

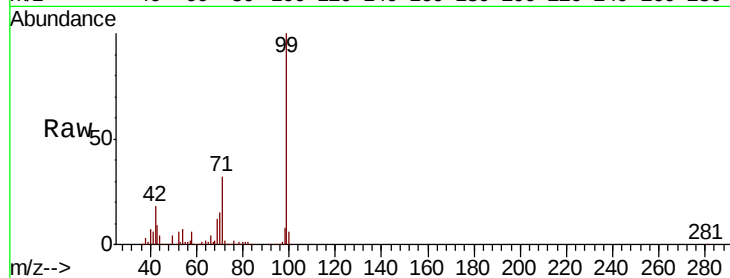
Tot Ion: 99 Resp: 1371088

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

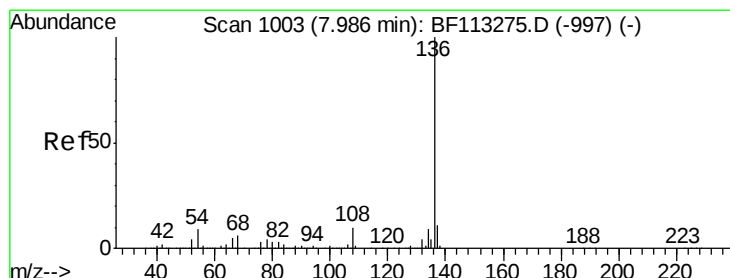
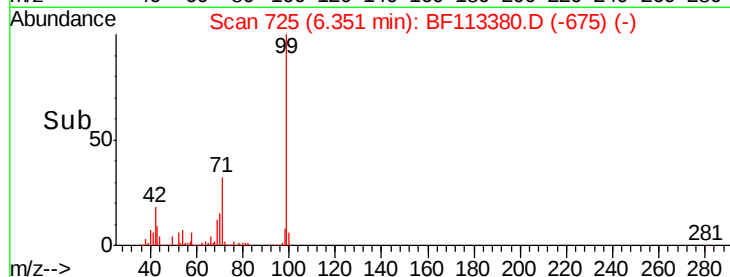
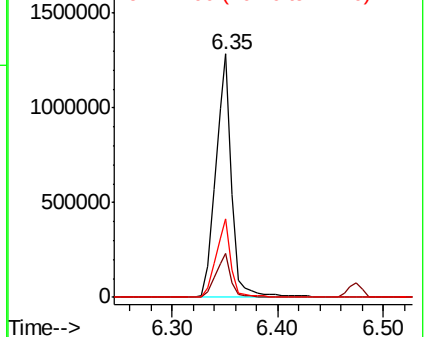
71 32.0 24.9 37.3



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113380.D

Acq: 28 Mar 2019 18:07

Tgt Ion: 136 Resp: 659762

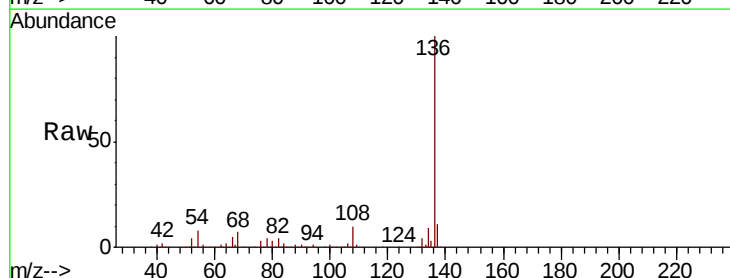
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 7.0 10.6

68 6.5 4.8 7.2

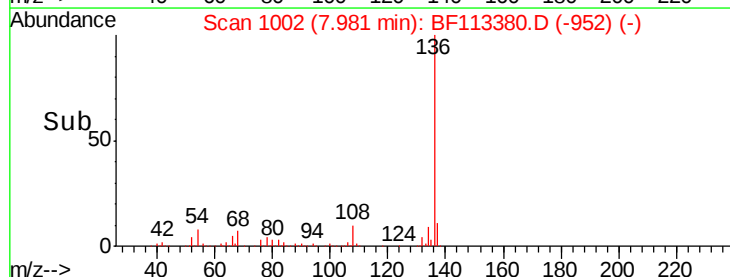
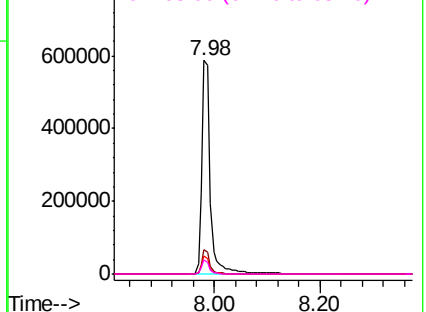


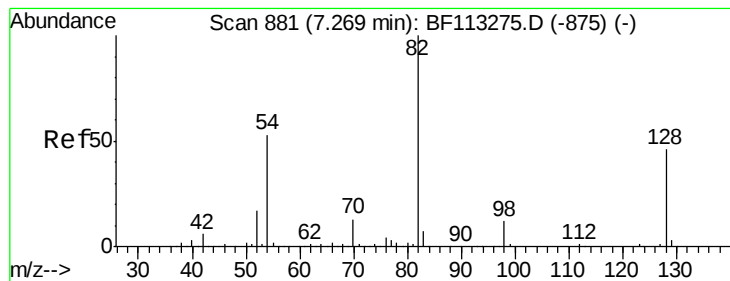
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.661 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF113380.D

Acq: 28 Mar 2019 18:07

Instrument :

BNA_F

ClientSampleId :

TP-8

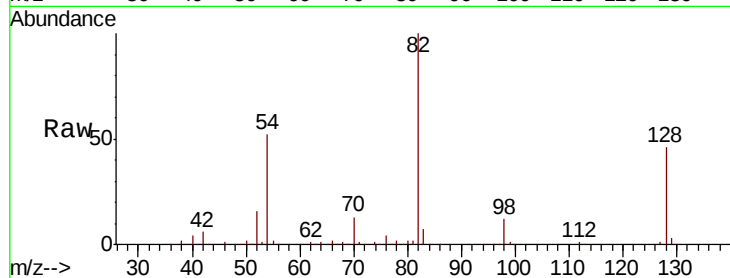
Tot Ion: 82 Resp: 841021

Ion Ratio Lower Upper

82 100

128 46.3 36.5 54.7

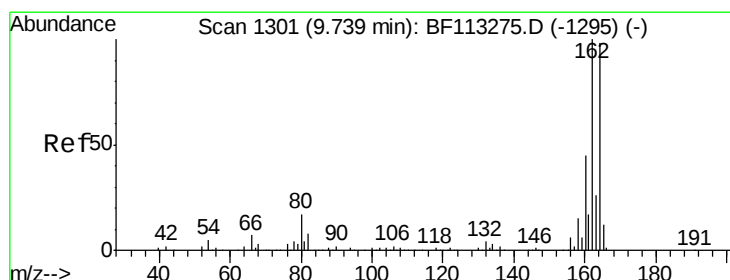
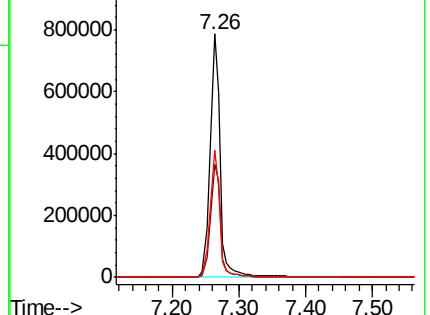
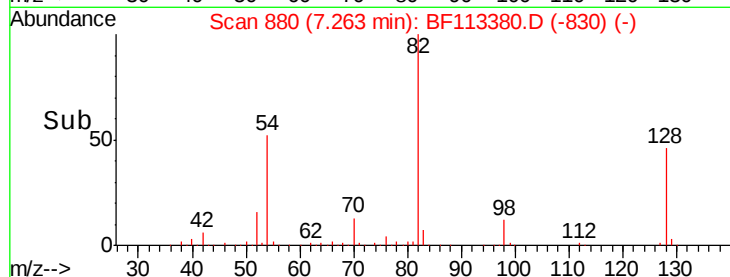
54 52.3 42.2 63.2



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113380.D

Acq: 28 Mar 2019 18:07

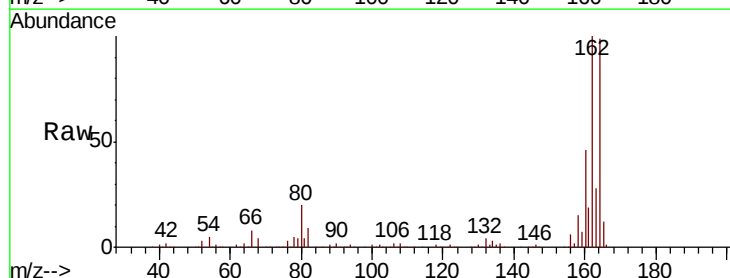
Tgt Ion:164 Resp: 330596

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.6

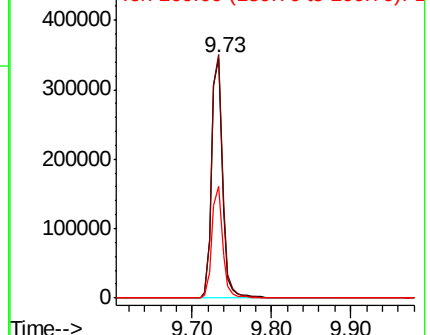
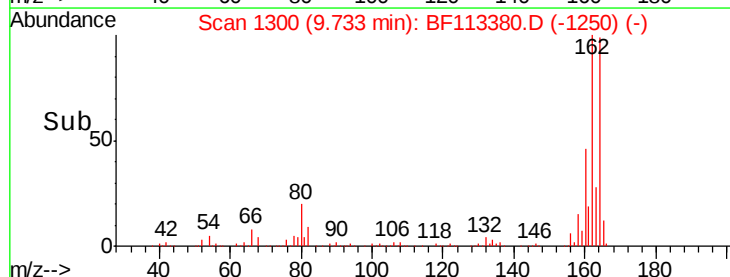
160 46.4 36.4 54.6

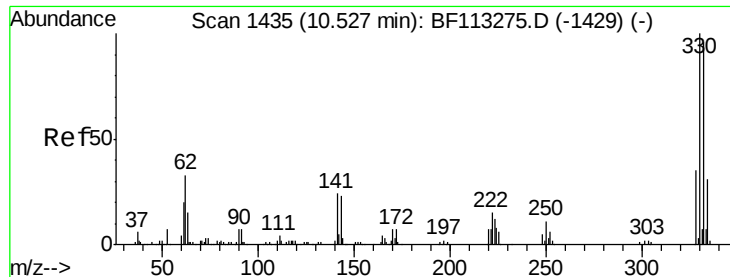


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

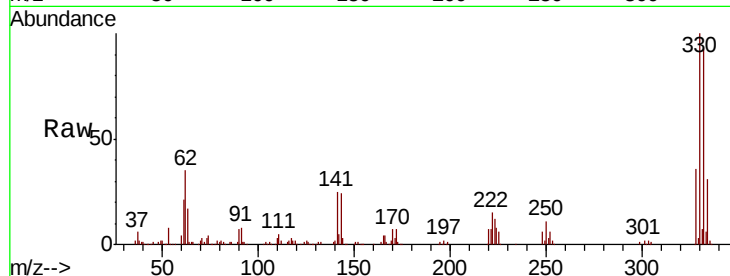




#42
 2,4,6-Tribromophenol
 Concen: 108.700 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Instrument :
 BNA_F
 ClientSampled :
 TP-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.8	116.6
141	27.4	22.7	34.1

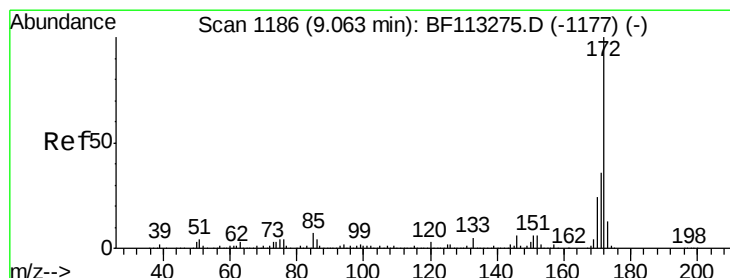
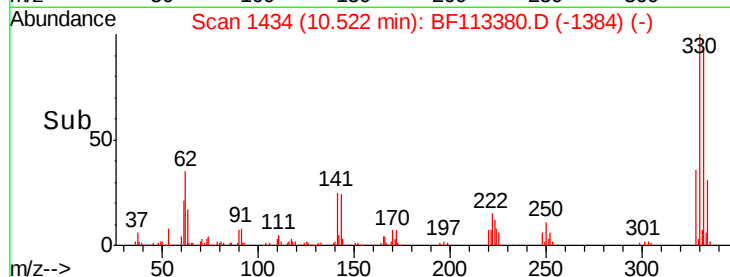
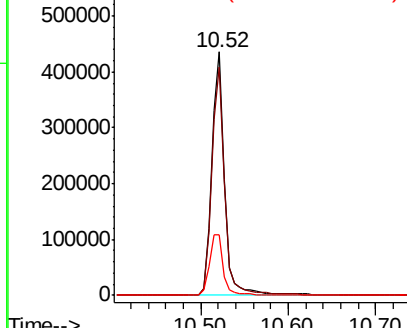


Abundance

Ion 329.80 (329.50 to 330.50): E

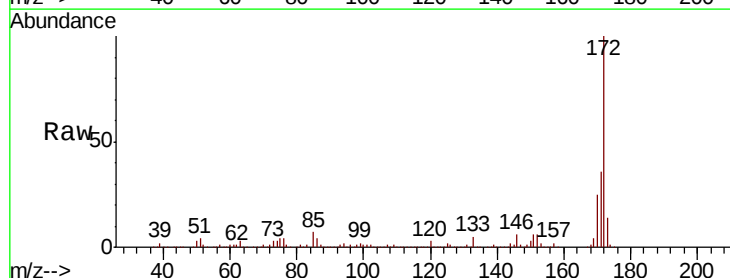
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.675 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.6	19.5	29.3

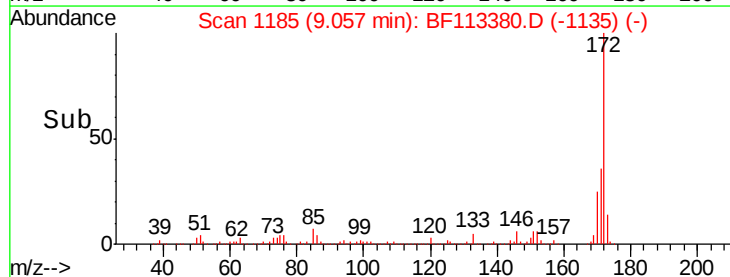
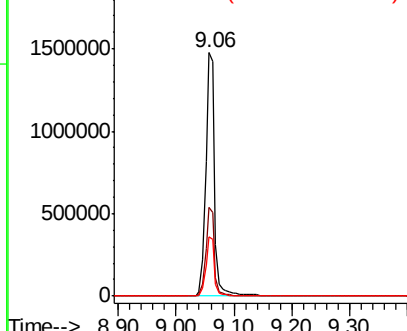


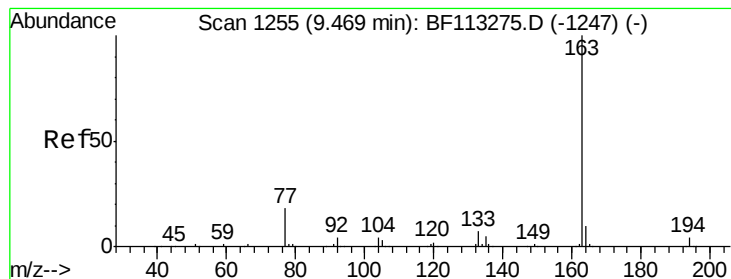
Abundance

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





#50

Dimethylphthalate

Concen: 4.099 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113380.D

Acq: 28 Mar 2019 18:07

Instrument :

BNA_F

ClientSampleId :

TP-8

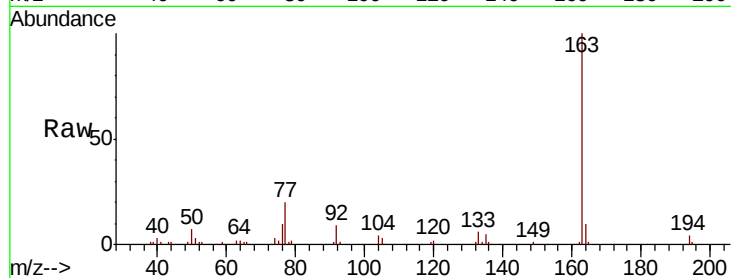
Tot Ion:163 Resp: 100432

Ion Ratio Lower Upper

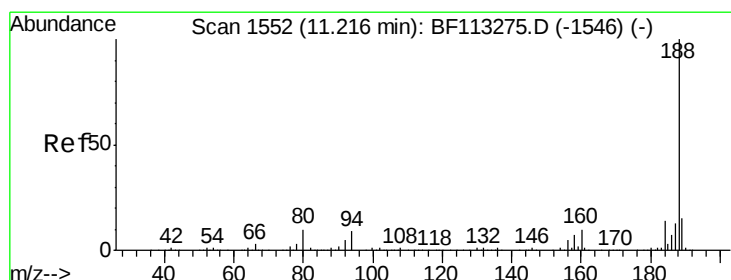
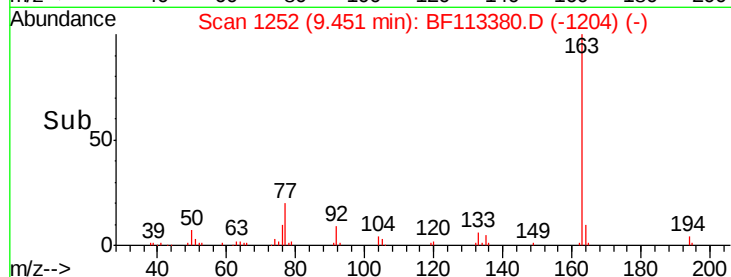
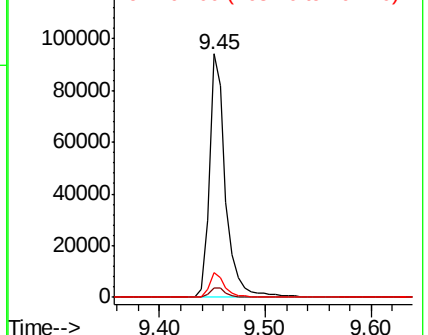
163 100

194 3.9 3.0 4.6

164 10.1 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113380.D

Acq: 28 Mar 2019 18:07

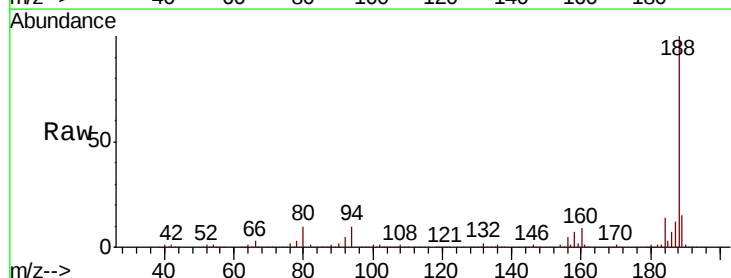
Tgt Ion:188 Resp: 709424

Ion Ratio Lower Upper

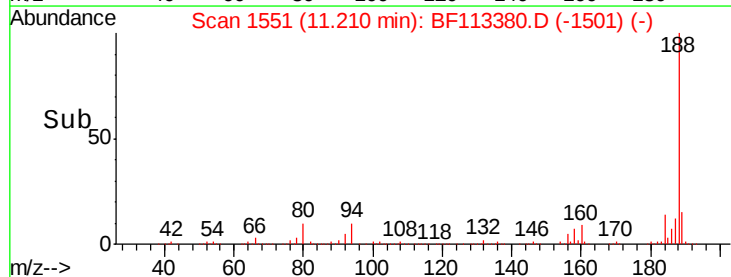
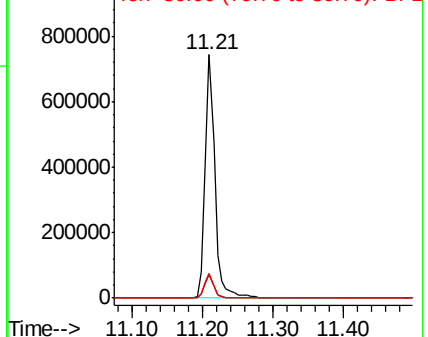
188 100

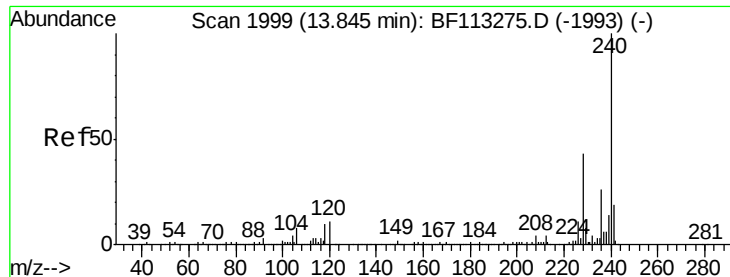
94 9.7 7.0 10.6

80 10.2 7.7 11.5



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

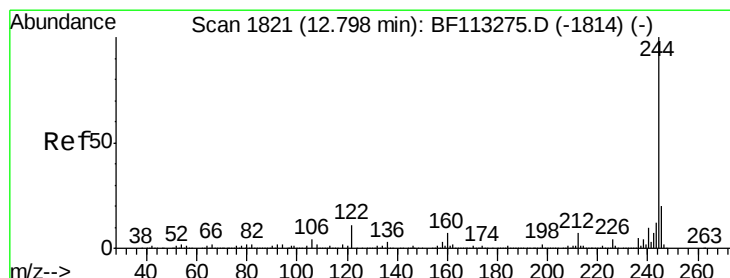
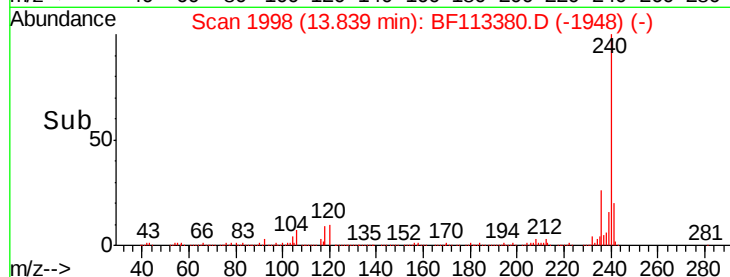
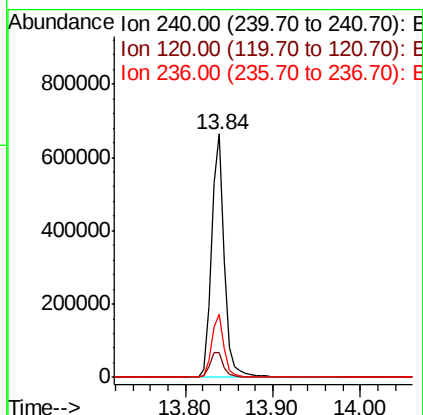
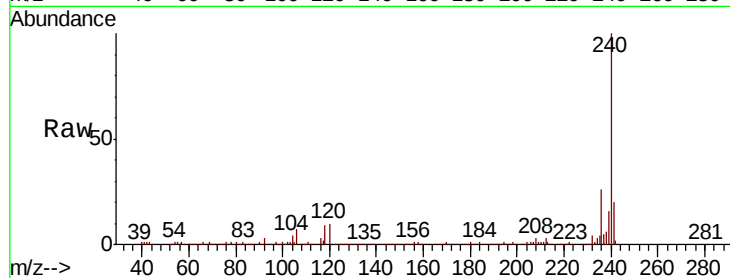




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

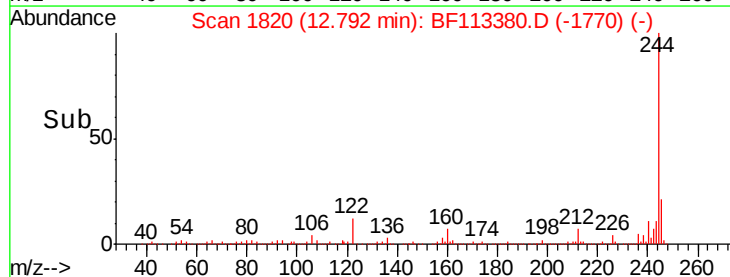
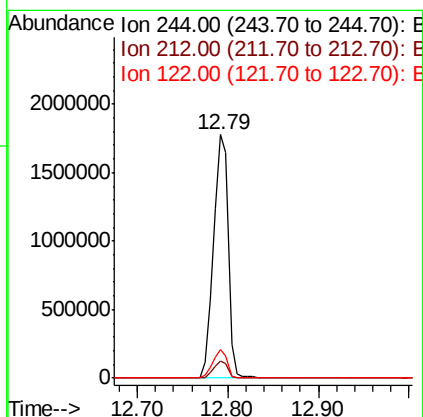
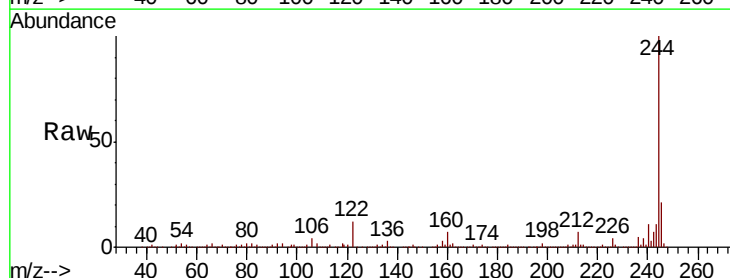
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

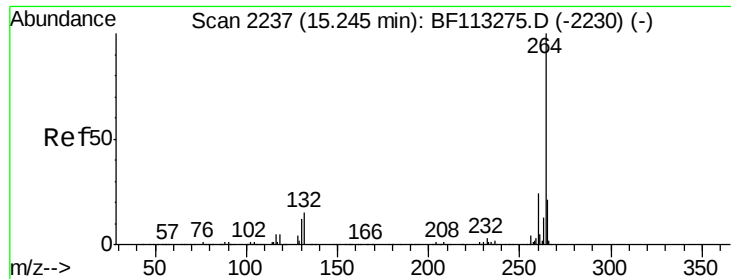
Tot Ion:240 Resp: 669309
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.8 13.2
 236 26.1 20.9 31.3



#79
 Terphenyl-d14
 Concen: 66.250 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113380.D
 Acq: 28 Mar 2019 18:07

Tgt Ion:244 Resp: 2011731
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.6 8.6 13.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113380.D
Acq: 28 Mar 2019 18:07

Instrument :
BNA_F
ClientSampleId :
TP-8

Tot Ion: 264 Resp: 562669

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.9	17.1	25.7

