

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111980.D
 Acq On : 10 Jan 2019 6:13
 Operator : JU/SJ
 Sample : K1082-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-1-4

Quant Time: Jan 10 07:28:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

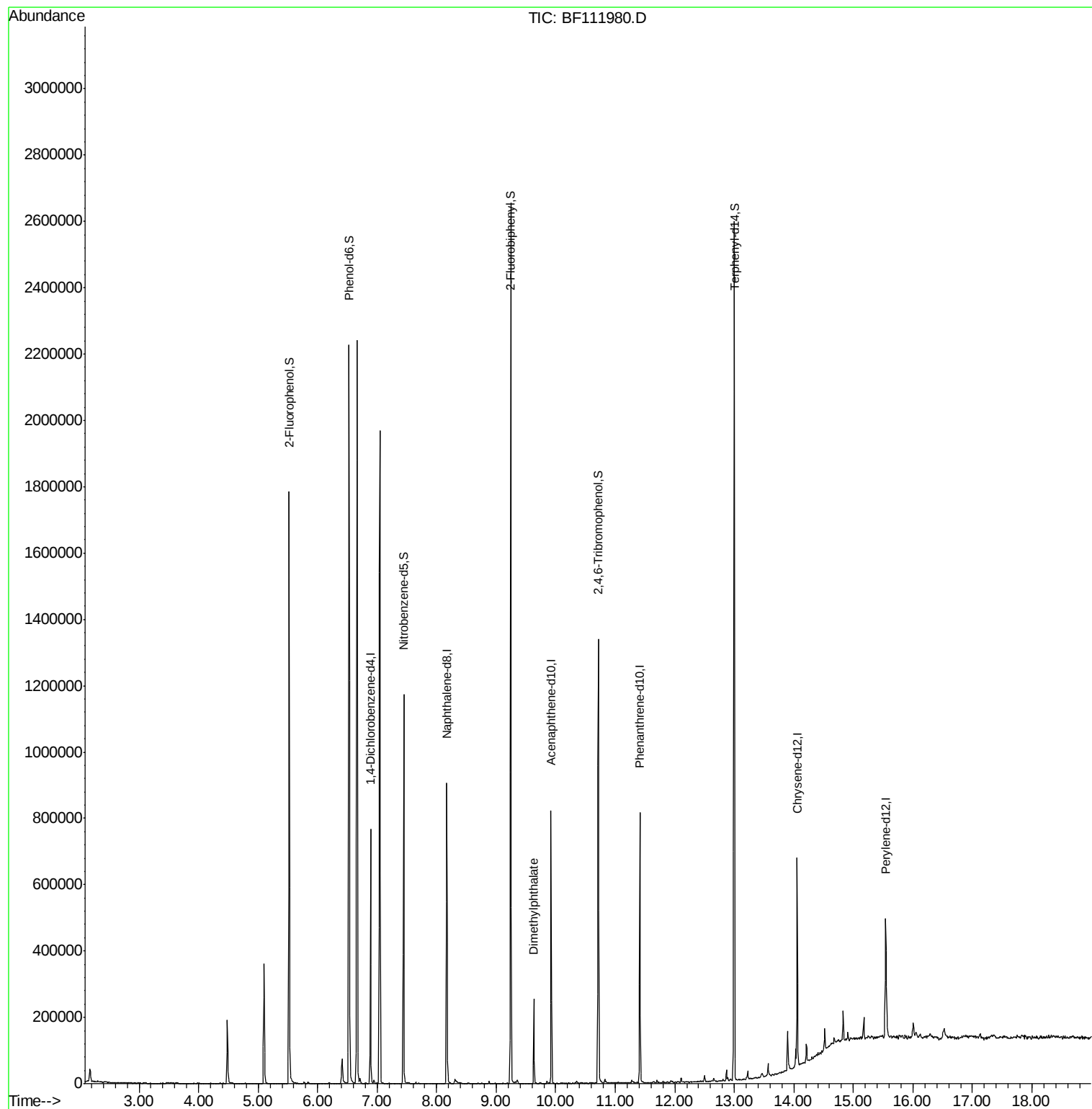
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	105774	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	371521	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	166739	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	319972	20.00	ng	0.00
76) Chrysene-d12	14.06	240	206084	20.00	ng	0.00
87) Perylene-d12	15.54	264	167081	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	467972	75.69	ng	0.00
7) Phenol-d6	6.53	99	693249	87.00	ng	0.00
23) Nitrobenzene-d5	7.45	82	354110	50.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	157754	72.74	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	855349	74.80	ng	0.00
79) Terphenyl-d14	13.00	244	855202	78.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	105870	8.452	ng	Qvalue 99

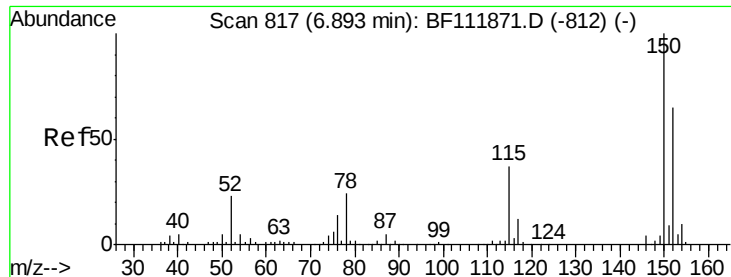
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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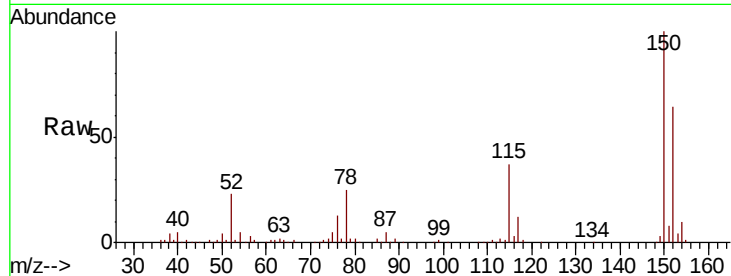


#1

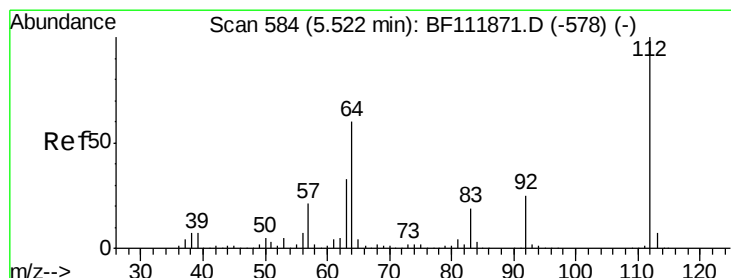
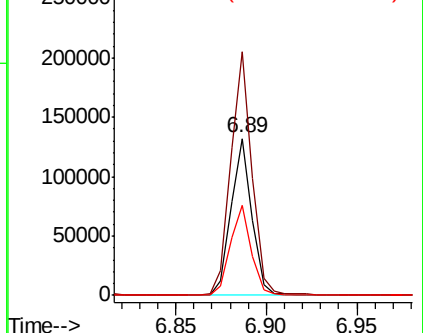
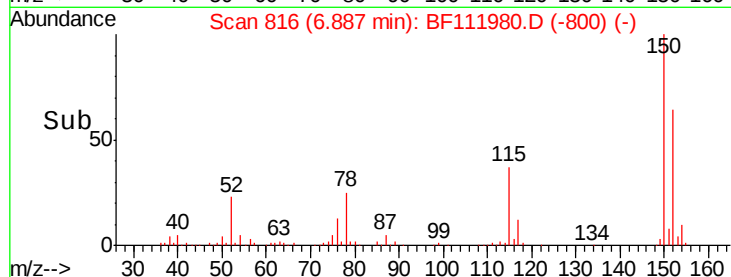
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Instrument :
BNA_F
ClientSampleId :
CP-1-4

Tot Ion:152 Resp: 105774
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 57.8 45.2 67.8



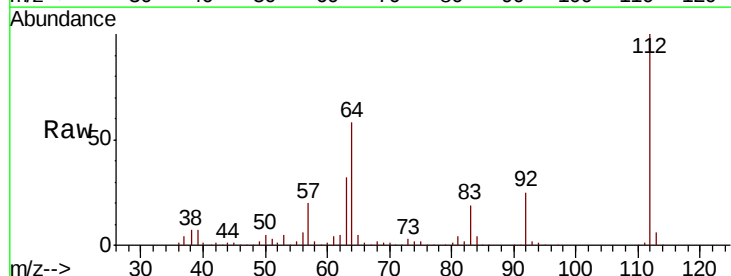
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



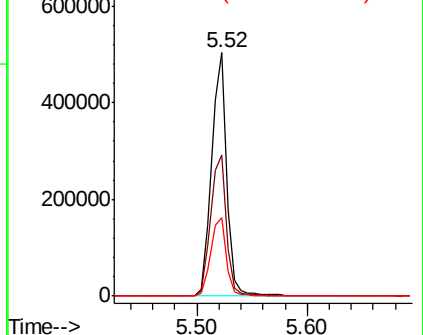
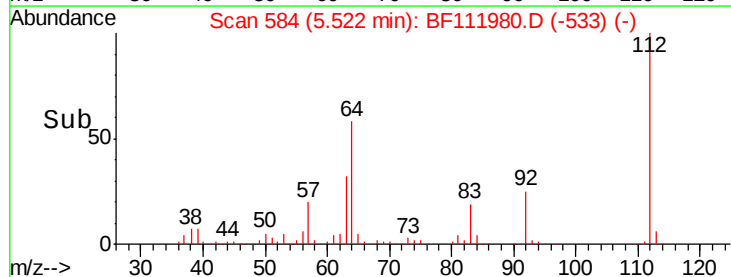
#5

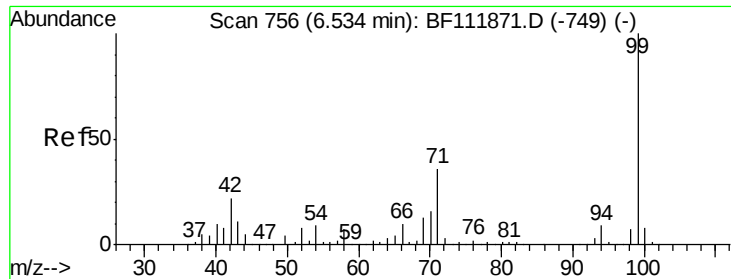
2-Fluorophenol
Concen: 75.691 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Tgt Ion:112 Resp: 467972
Ion Ratio Lower Upper
112 100
64 58.3 48.3 72.5
63 32.3 26.1 39.1



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: 86.996 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

Instrument :

BNA_F

ClientSampled :

CP-1-4

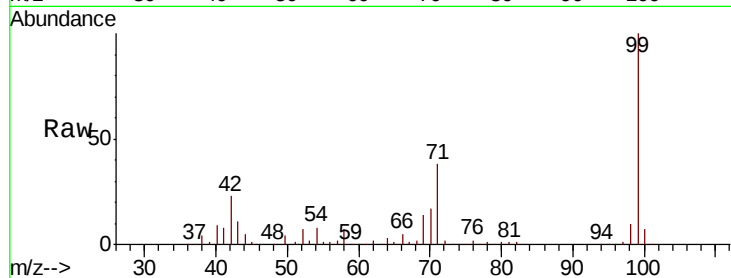
Tot Ion: 99 Resp: 693249

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

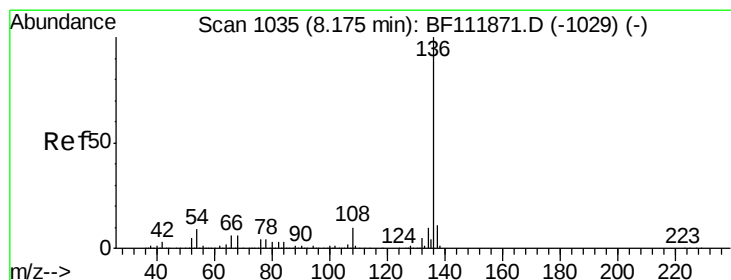
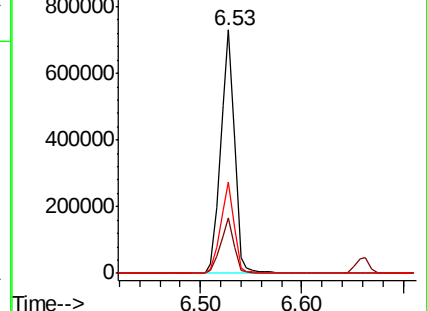
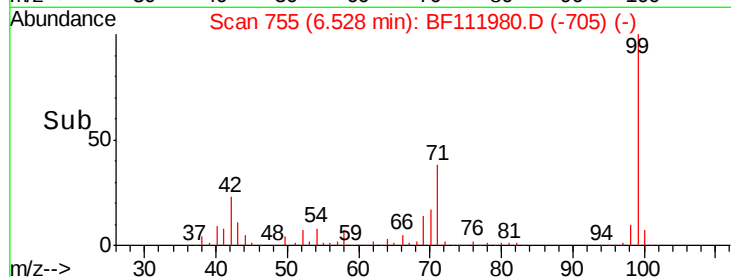
71 37.6 28.7 43.1



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

Tgt Ion: 136 Resp: 371521

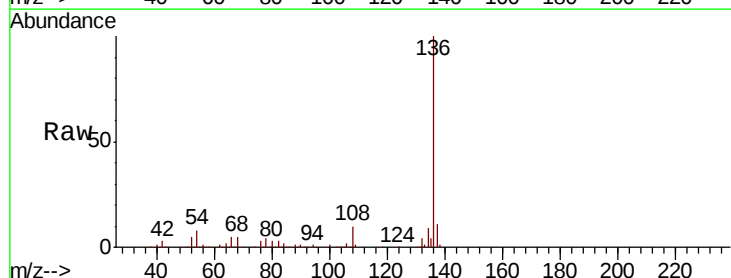
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.4 7.2 10.8

68 5.3 4.4 6.6

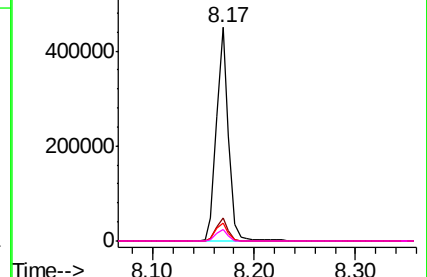
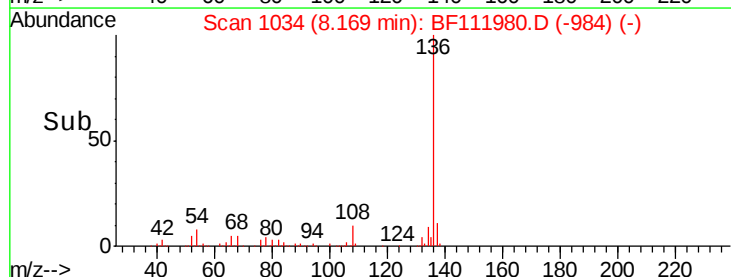


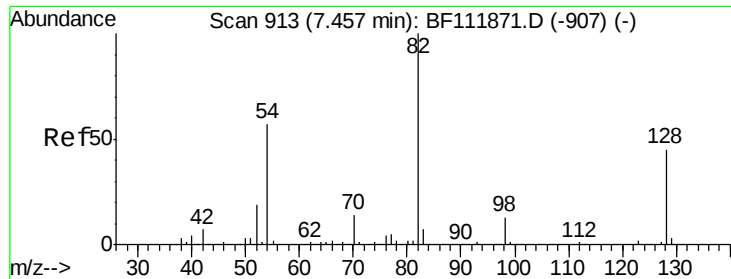
Abundance Ion 136.00 (135.70 to 136.70): E

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

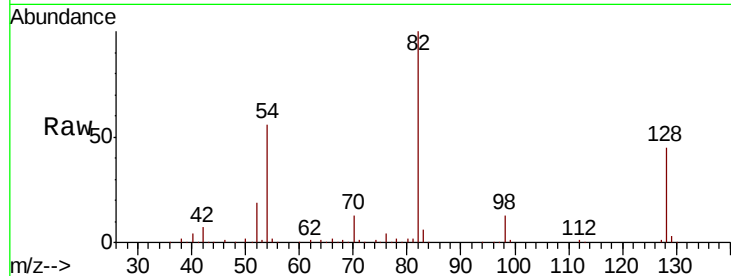




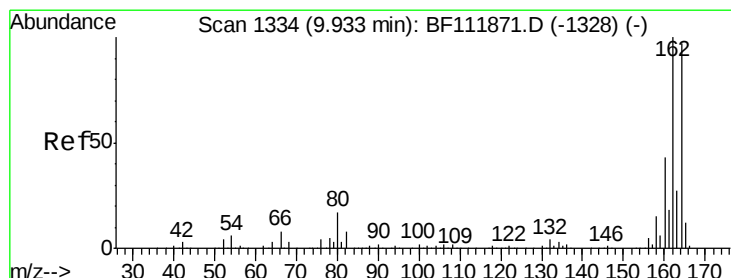
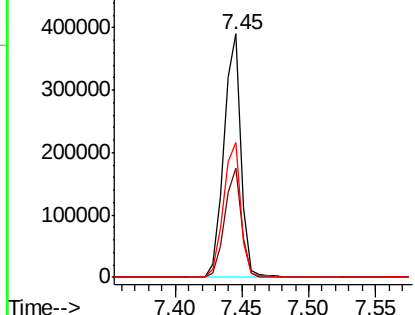
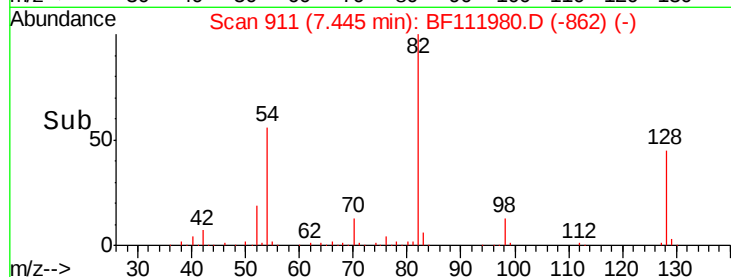
#23
 Nitrobenzene-d5
 Concen: 50.941 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111980.D
 Acq: 10 Jan 2019 6:13

Instrument :
 BNA_F
 ClientSampleId :
 CP-1-4

Tot Ion	82	Resp	354110
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.7	53.5
54	55.5	45.8	68.8

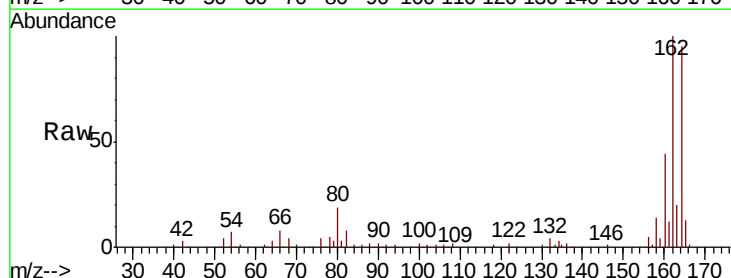


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

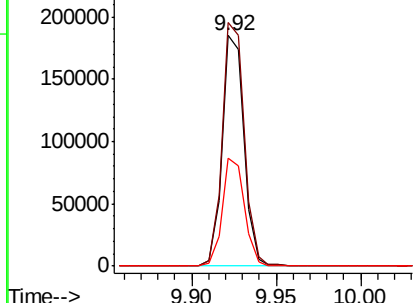
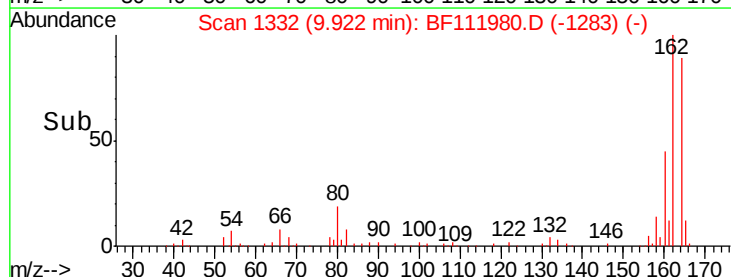


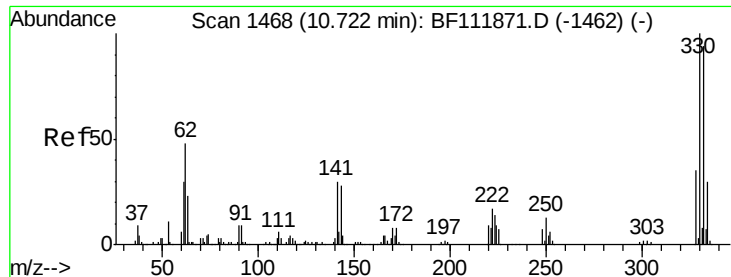
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF111980.D
 Acq: 10 Jan 2019 6:13

Tgt Ion	164	Resp	166739
Ion Ratio	Lower	Upper	
164	100		
162	105.5	82.2	123.2
160	46.7	35.5	53.3



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

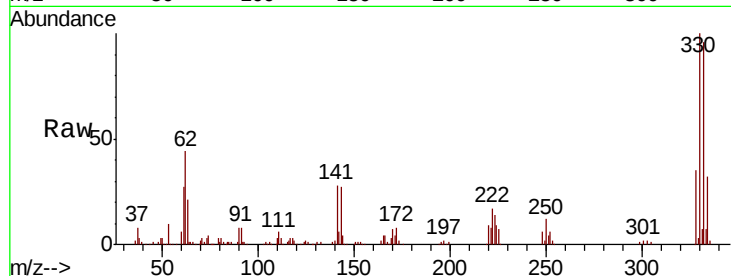




#42
 2,4,6-Tribromophenol
 Concen: 72.739 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111980.D
 Acq: 10 Jan 2019 6:13

Instrument :
 BNA_F
 ClientSampleId :
 CP-1-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	29.5	23.7	35.5

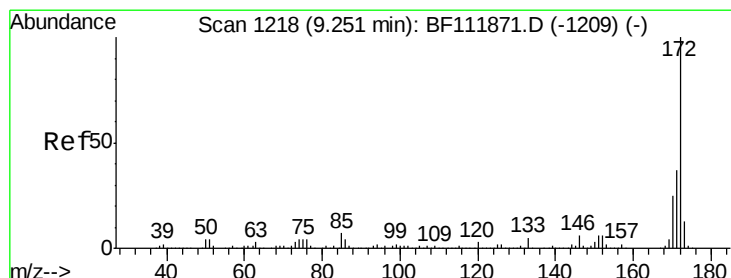
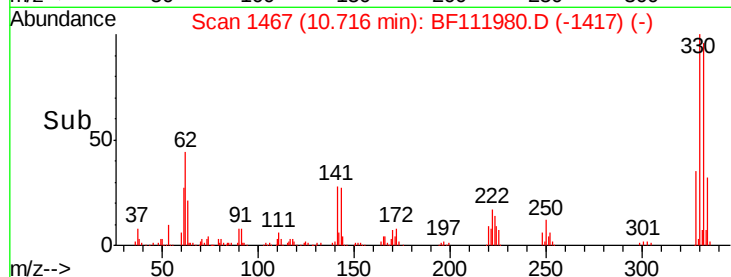
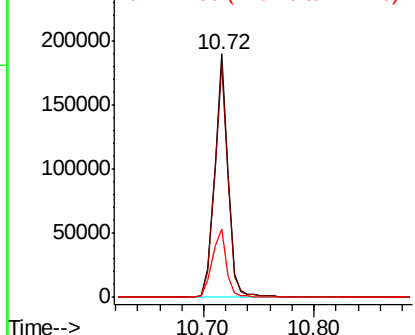


Abundance

Ion 329.80 (329.50 to 330.50): E

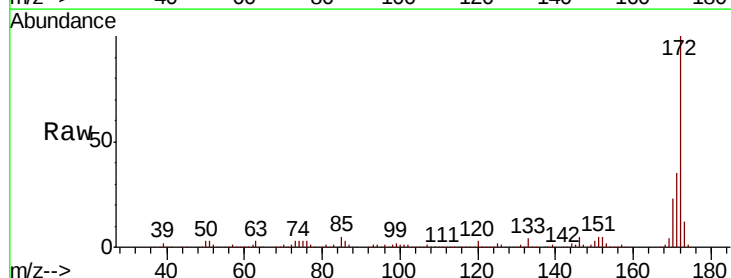
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.804 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111980.D
 Acq: 10 Jan 2019 6:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.1	19.8	29.8

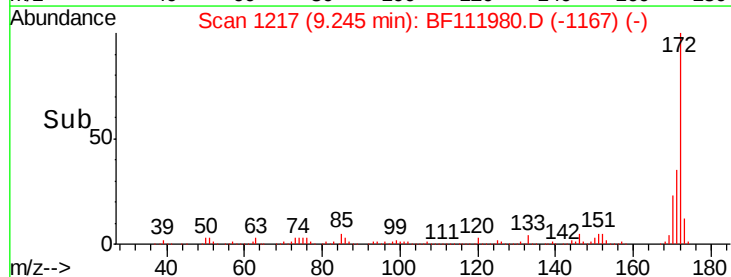
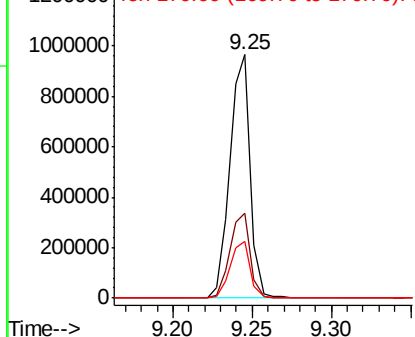


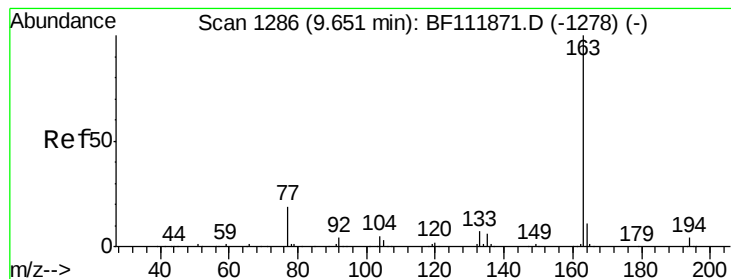
Abundance

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: 8.452 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

Instrument :

BNA_F

ClientSampleId :

CP-1-4

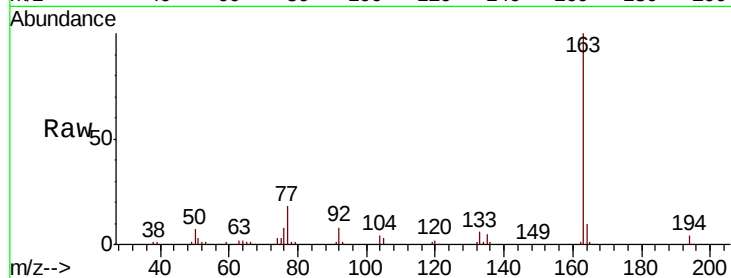
Tot Ion:163 Resp: 105870

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

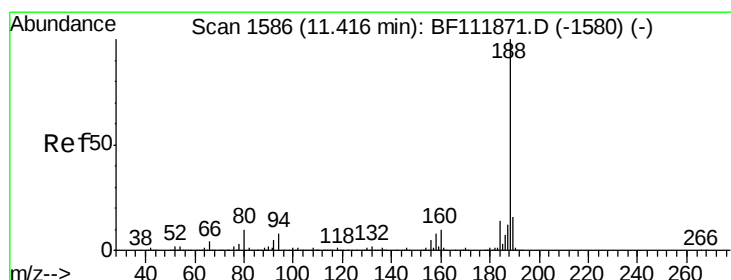
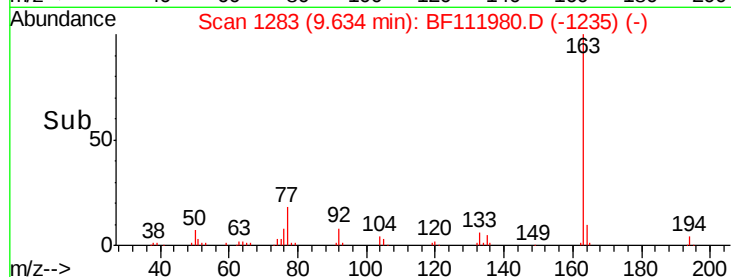
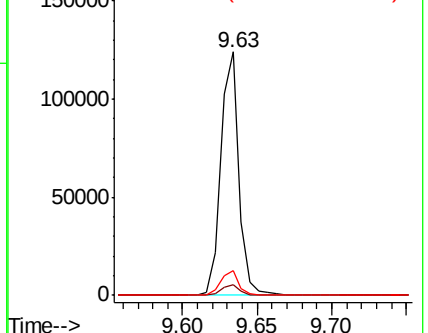
164 10.2 8.5 12.7



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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111980.D

Acq: 10 Jan 2019 6:13

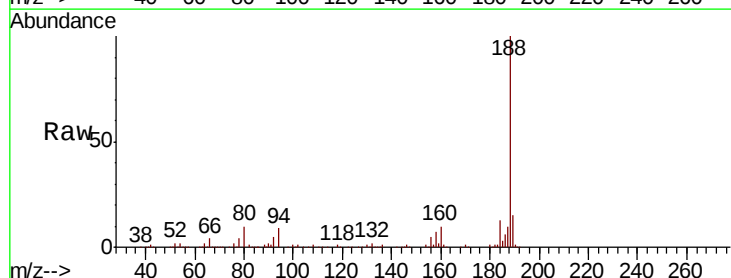
Tgt Ion:188 Resp: 319972

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

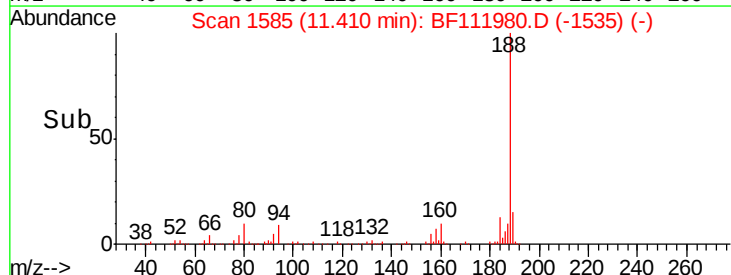
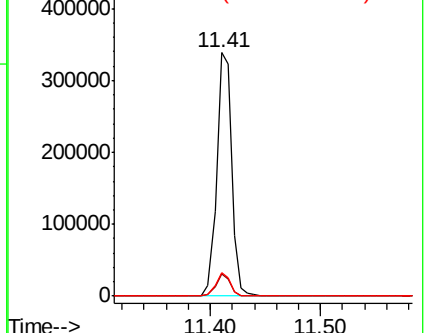
80 9.8 7.7 11.5

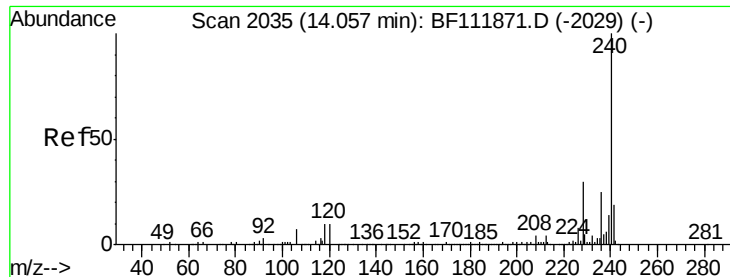


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

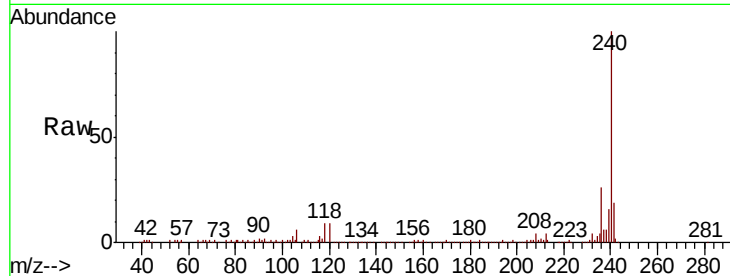




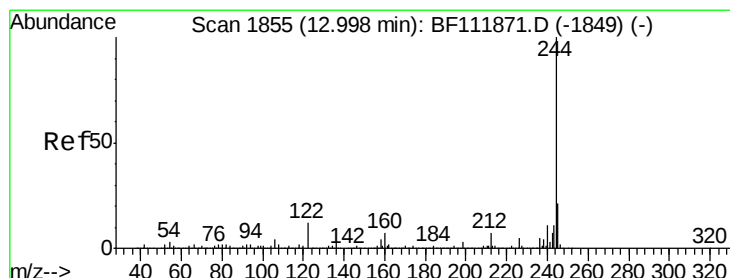
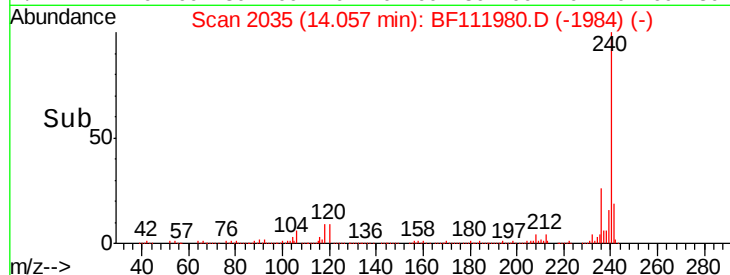
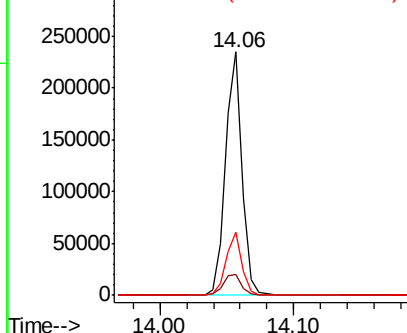
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Instrument :
BNA_F
ClientSampleId :
CP-1-4

Tot Ion:240 Resp: 206084
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 25.8 20.2 30.4

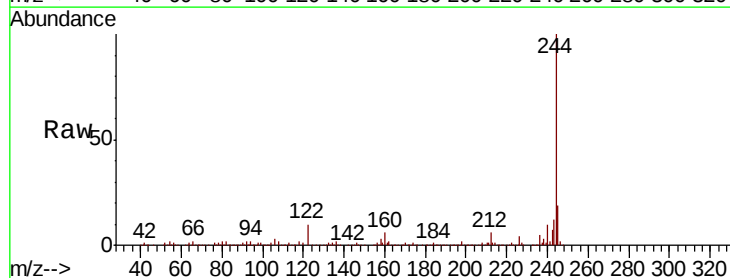


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

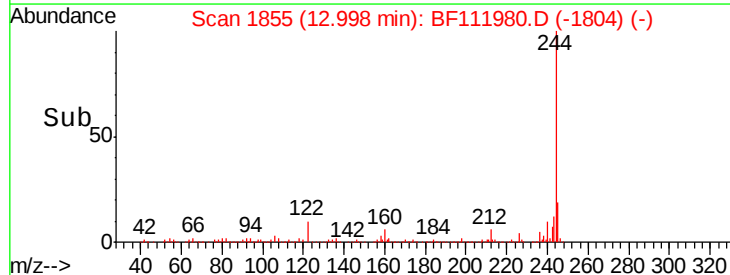
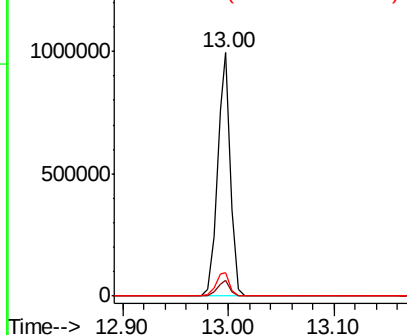


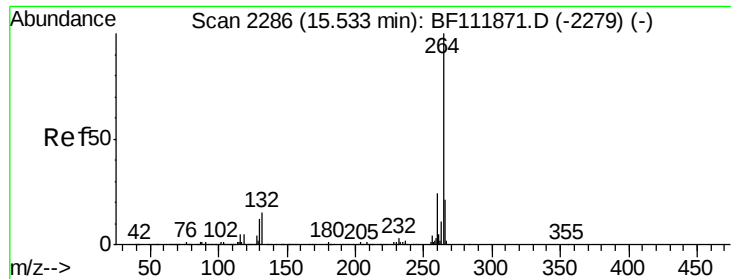
#79
Terphenyl-d14
Concen: 78.772 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Tgt Ion:244 Resp: 855202
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.8
122 9.6 9.5 14.3



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111980.D
Acq: 10 Jan 2019 6:13

Instrument :
BNA_F
ClientSampleId :
CP-1-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.1	25.7

