

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113237.D
 Acq On : 22 Mar 2019 16:25
 Operator : JU/SJ
 Sample : K2018-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

Quant Time: Mar 23 00:08:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

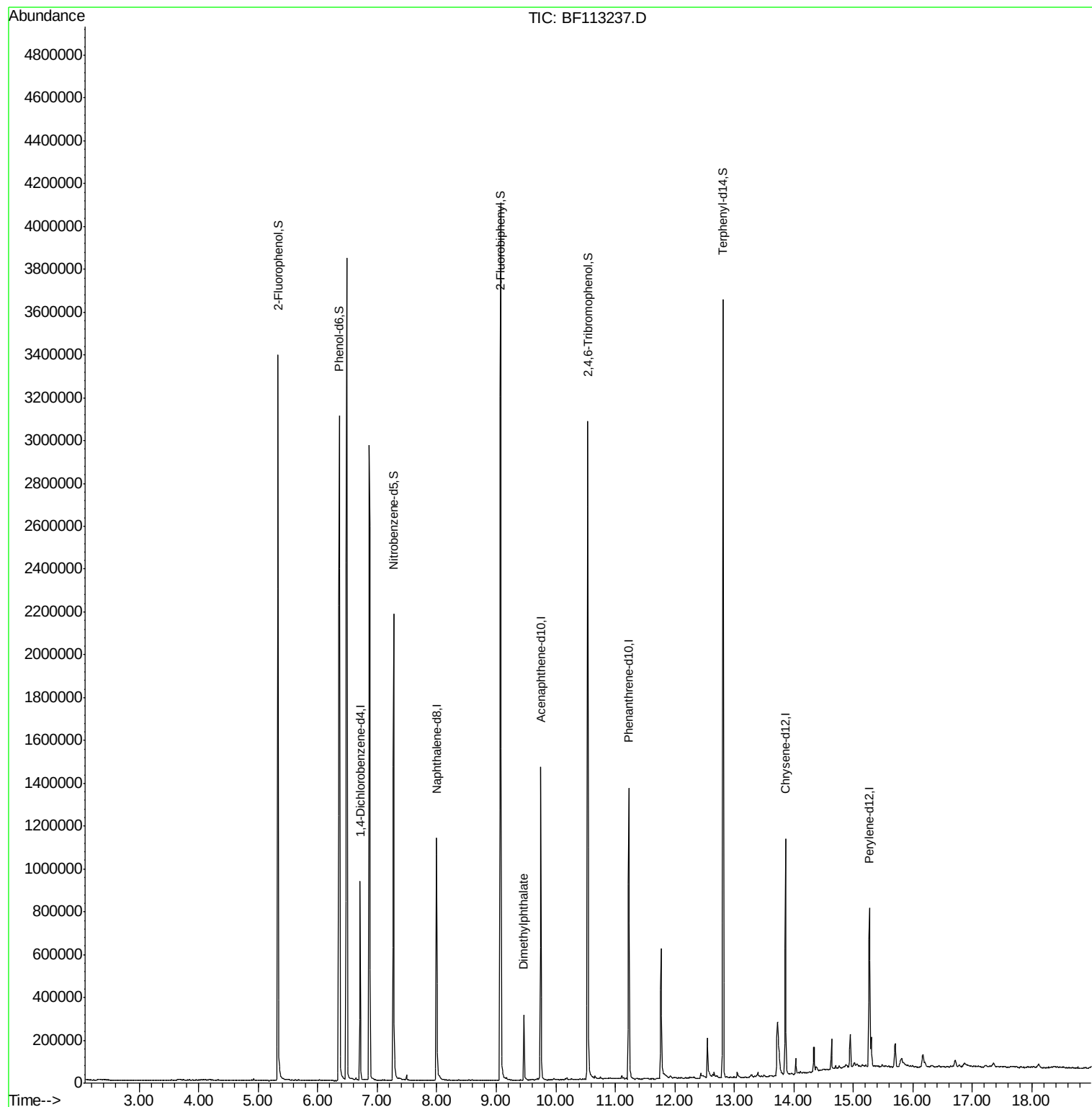
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155436	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	626468	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	314428	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	534945	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	377845	20.00	ng	-0.01
87) Perylene-d12	15.27	264	343314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1047365	104.82	ng	-0.01
7) Phenol-d6	6.36	99	1264672	100.75	ng	-0.01
23) Nitrobenzene-d5	7.27	82	828650	79.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	467909	140.17	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1390750	69.94	ng	-0.02
79) Terphenyl-d14	12.81	244	1383783	70.99	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.47	163	146867	6.335	ng	Qvalue 98

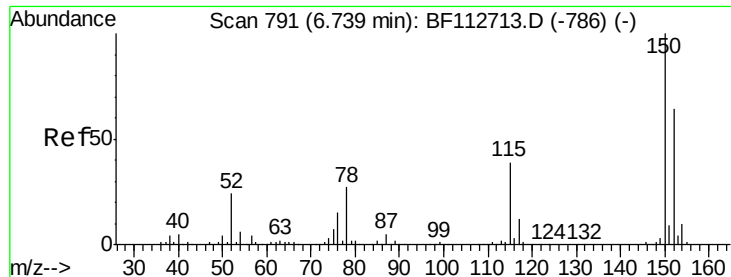
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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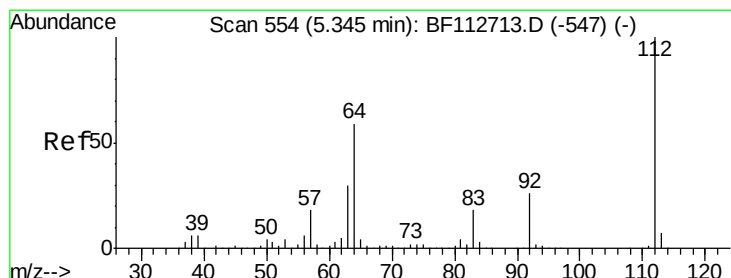
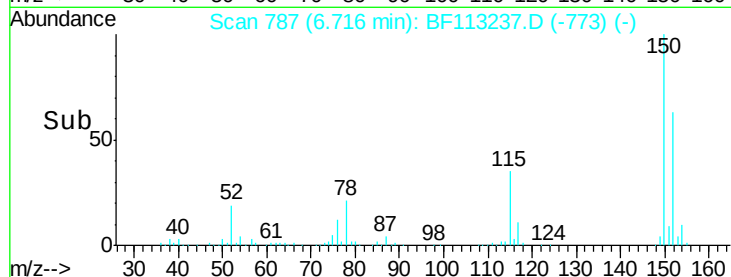
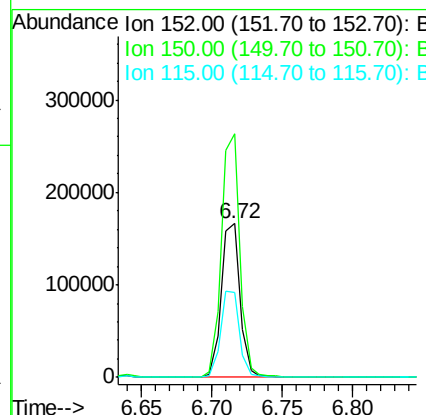
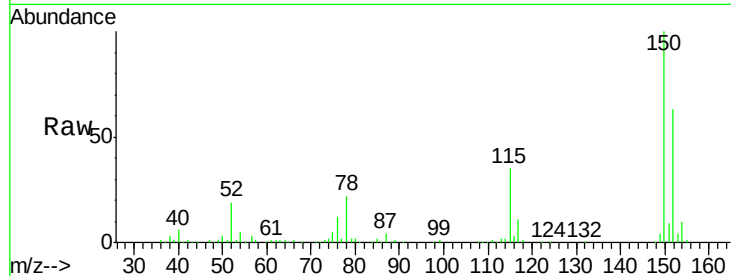


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113237.D
Acq: 22 Mar 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SP-1-C

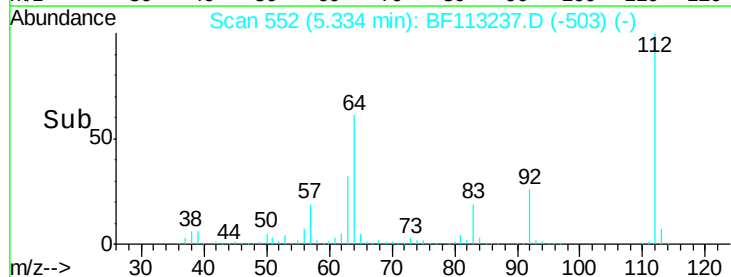
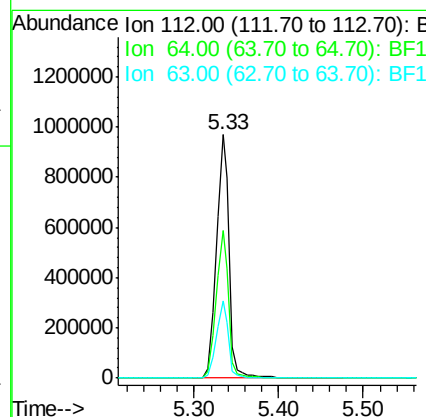
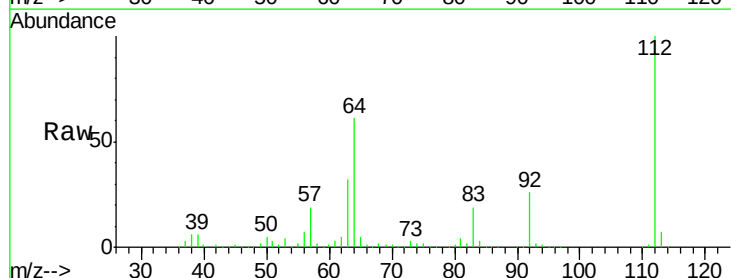
Tgt Ion:152 Resp: 155436
Ion Ratio Lower Upper
152 100
150 158.6 124.2 186.2
115 55.5 48.2 72.4

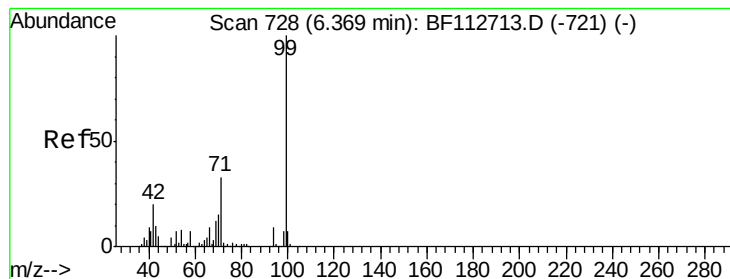


#5

2-Fluorophenol
Concen: 104.816 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113237.D
Acq: 22 Mar 2019 16:25

Tgt Ion:112 Resp: 1047365
Ion Ratio Lower Upper
112 100
64 60.7 47.6 71.4
63 31.6 24.4 36.6





#7

Phenol-d6

Concen: 100.754 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113237.D

Acq: 22 Mar 2019 16:25

Instrument :

BNA_F

ClientSampled :

SP-1-C

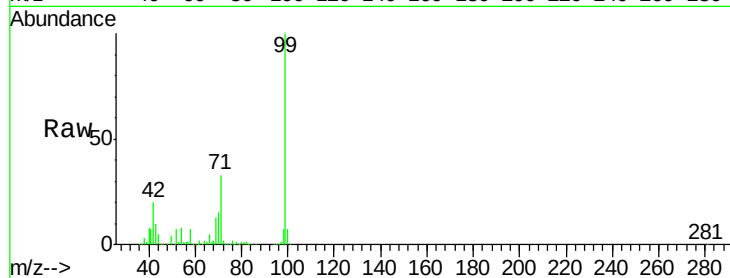
Tgt Ion: 99 Resp: 1264672

Ion Ratio Lower Upper

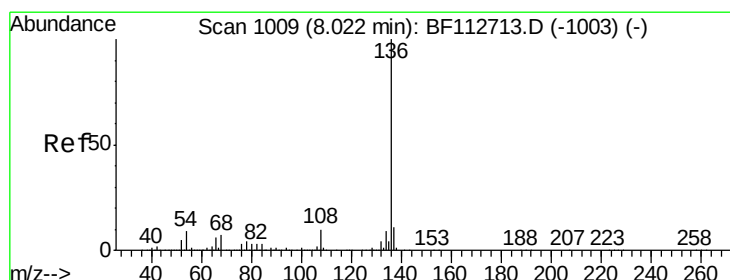
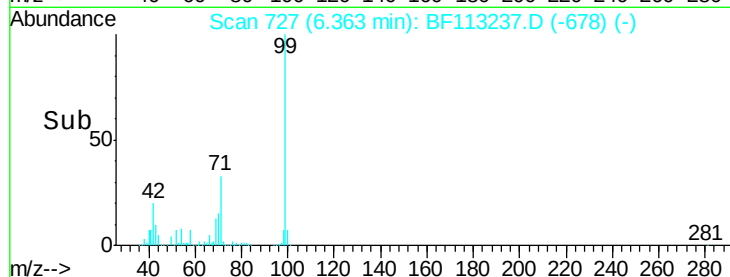
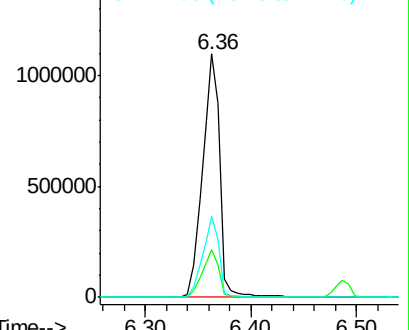
99 100

42 19.6 16.3 24.5

71 33.2 26.2 39.4



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# 1005

Delta R.T. -0.02 min

Lab File: BF113237.D

Acq: 22 Mar 2019 16:25

Tgt Ion: 136 Resp: 626468

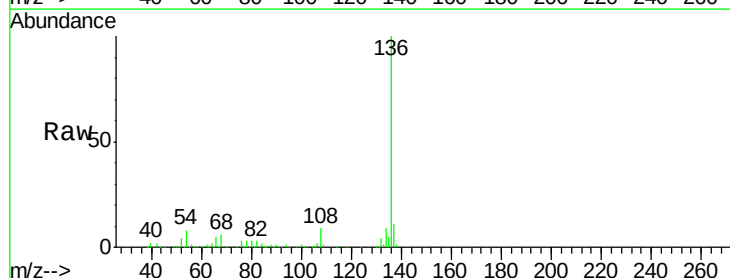
Ion Ratio Lower Upper

136 100

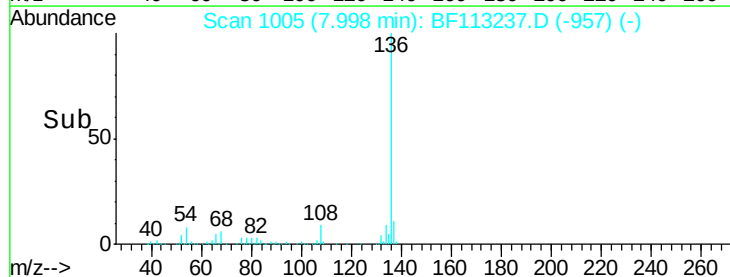
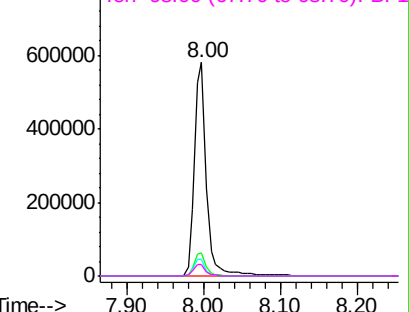
137 10.9 8.9 13.3

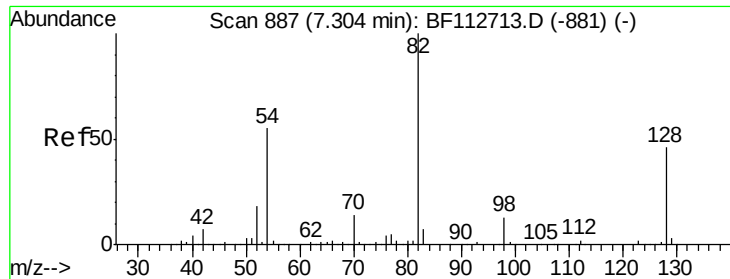
54 7.6 7.3 10.9

68 5.6 5.4 8.2



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

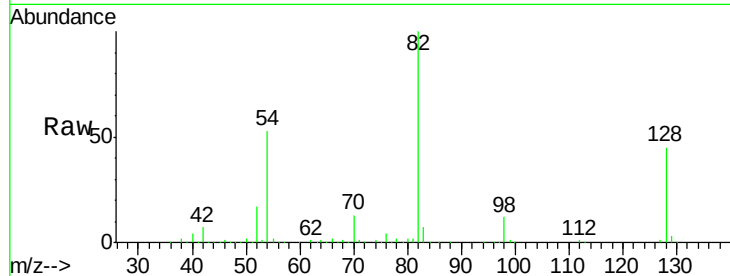




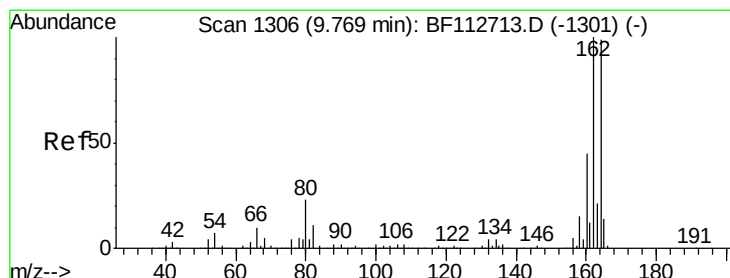
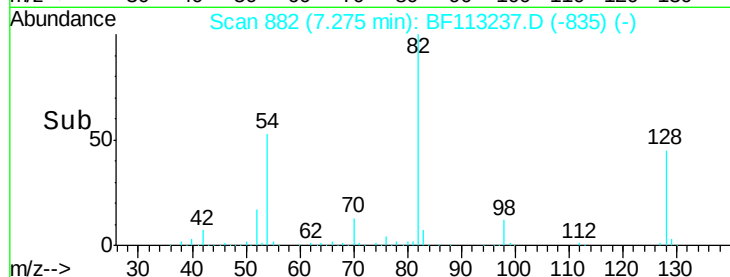
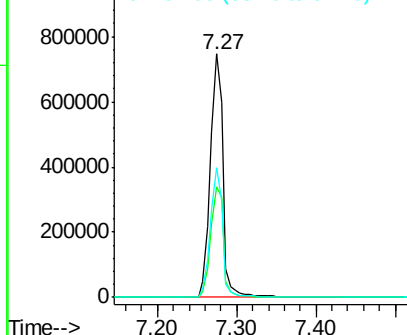
#23
 Nitrobenzene-d5
 Concen: 79.150 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF113237.D
 Acq: 22 Mar 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

Tgt Ion: 82 Resp: 828650
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.3 54.5
 54 53.2 43.7 65.5

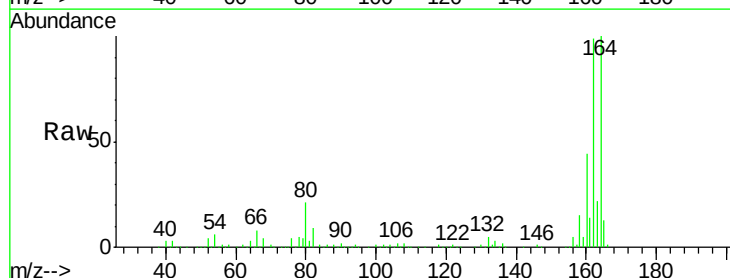


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

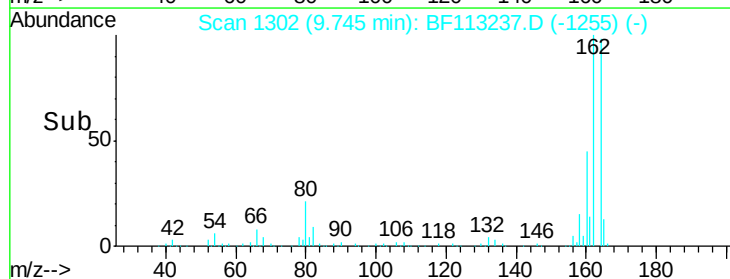
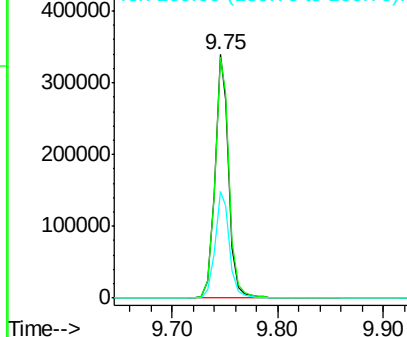


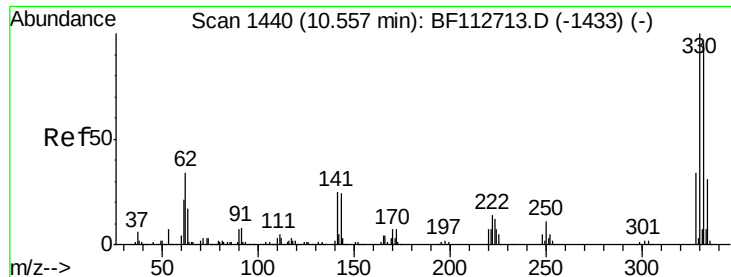
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF113237.D
 Acq: 22 Mar 2019 16:25

Tgt Ion: 164 Resp: 314428
 Ion Ratio Lower Upper
 164 100
 162 98.8 80.6 120.8
 160 43.8 36.0 54.0



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

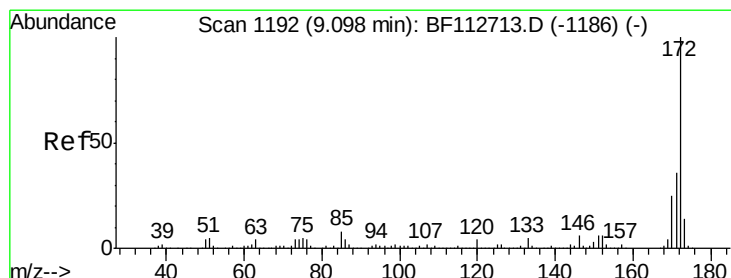
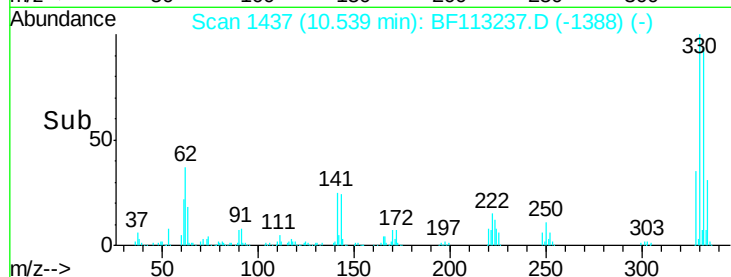
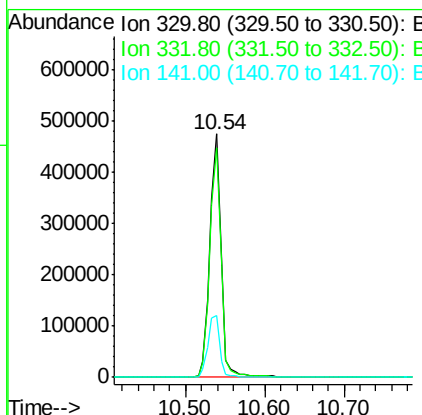
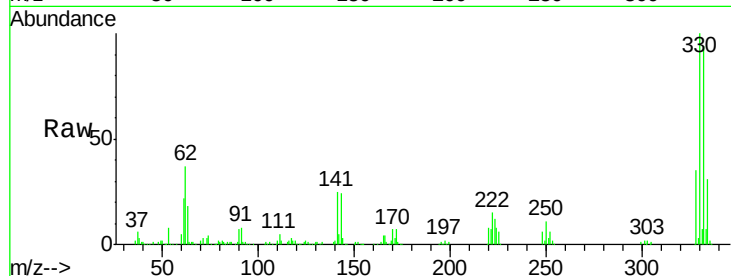




#42
 2,4,6-Tribromophenol
 Concen: 140.174 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113237.D
 Acq: 22 Mar 2019 16:25

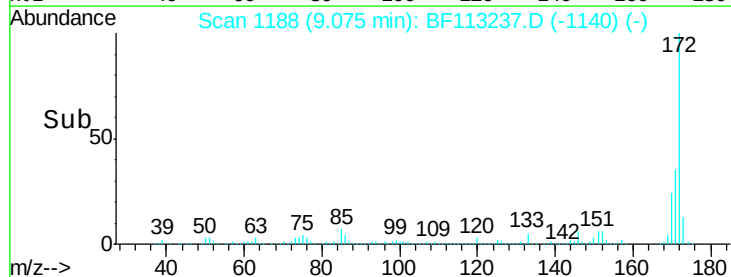
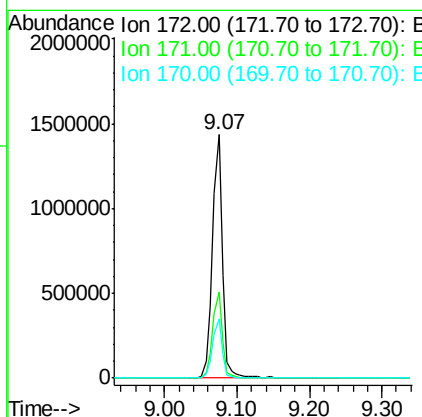
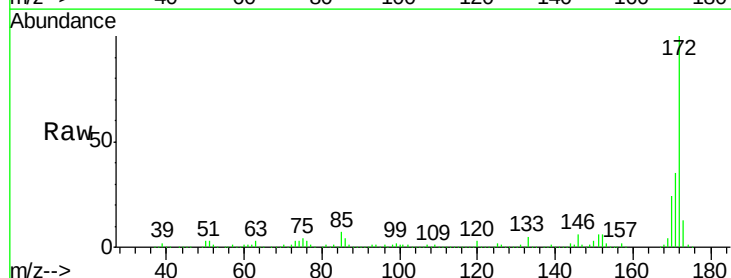
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

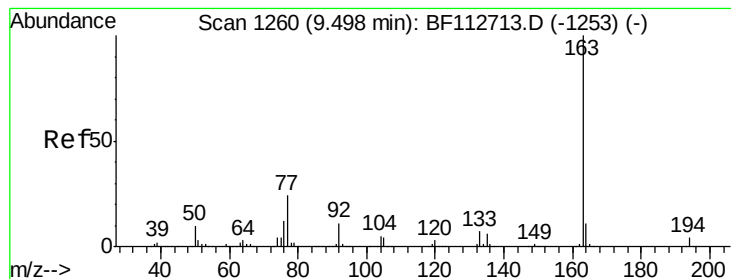
Tgt Ion:330 Resp: 467909
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 27.8 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 69.938 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113237.D
 Acq: 22 Mar 2019 16:25

Tgt Ion:172 Resp: 1390750
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.4
 170 24.4 20.0 30.0





#50

Dimethylphthalate

Concen: 6.335 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF113237.D

Acq: 22 Mar 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SP-1-C

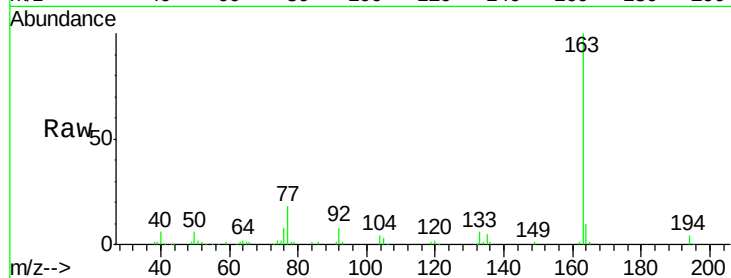
Tgt Ion:163 Resp: 146867

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

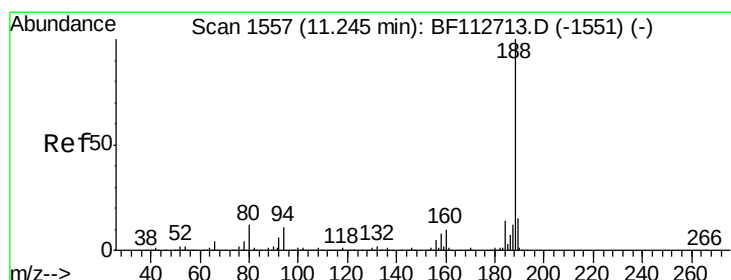
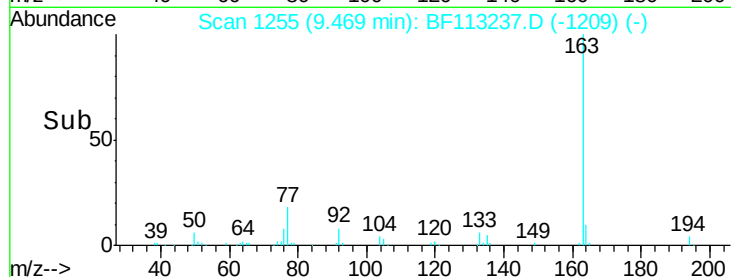
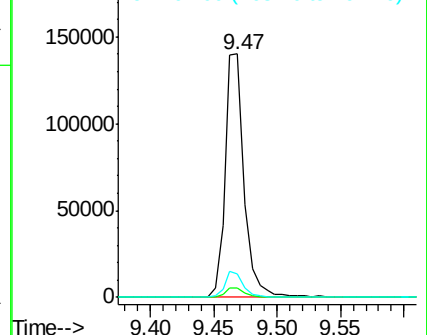
164 9.8 8.4 12.6



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: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113237.D

Acq: 22 Mar 2019 16:25

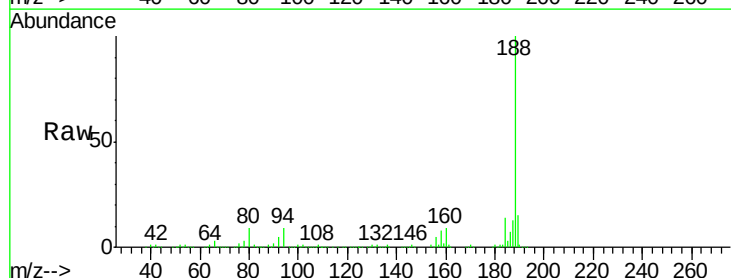
Tgt Ion:188 Resp: 534945

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

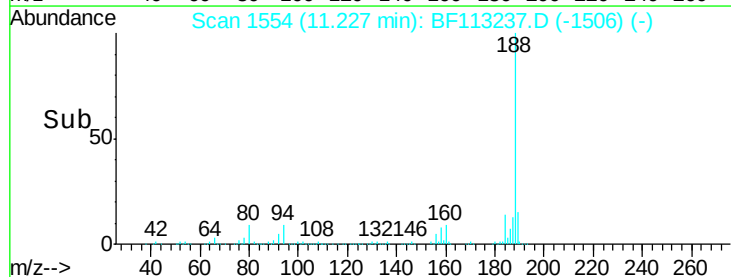
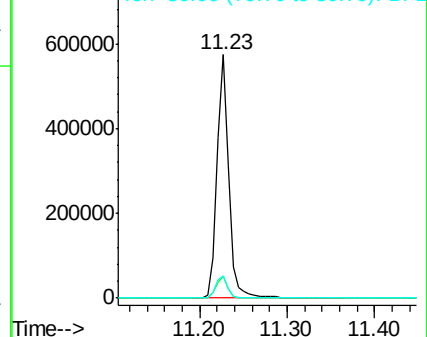
80 9.2 9.2 13.8#

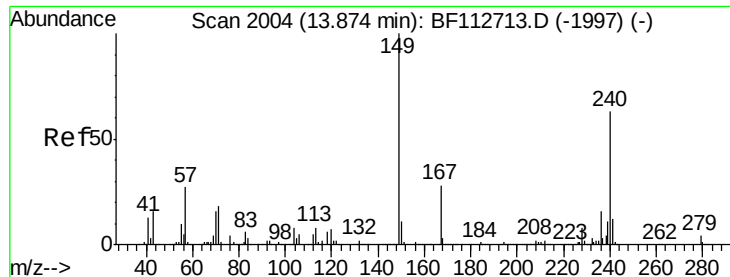


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

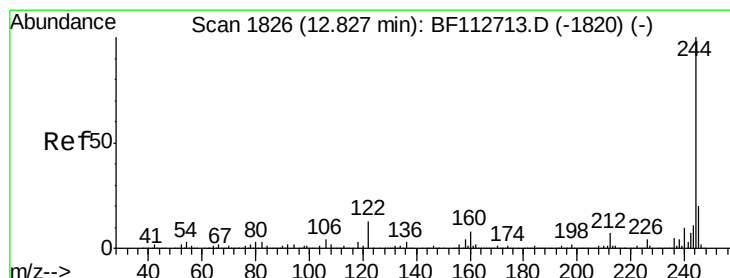
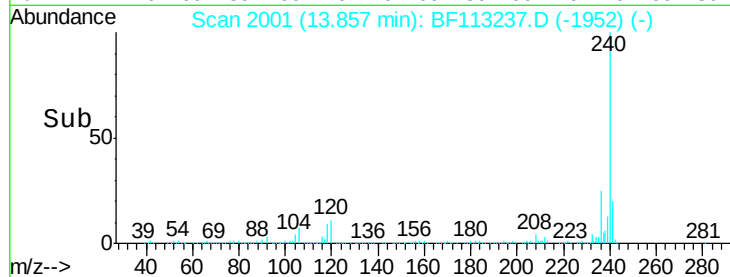
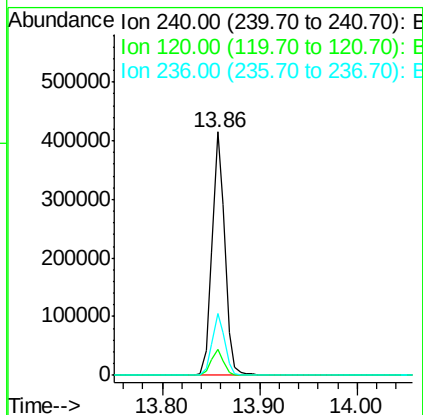
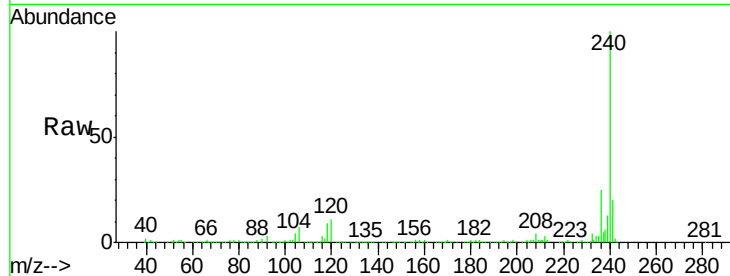




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113237.D
Acq: 22 Mar 2019 16:25

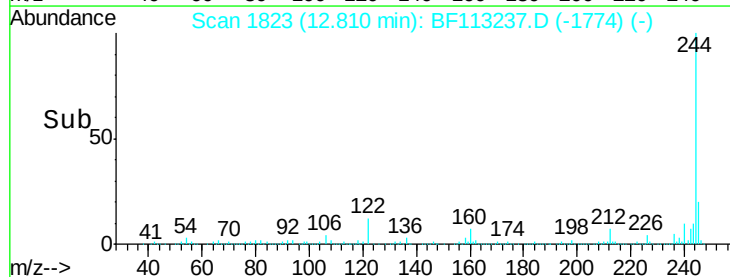
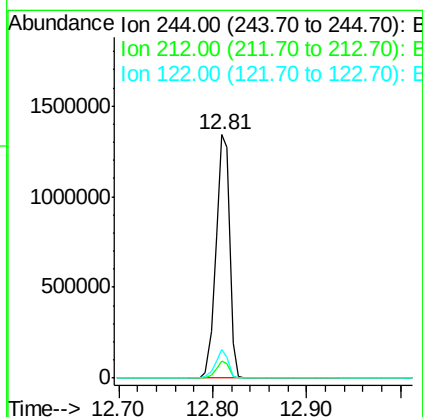
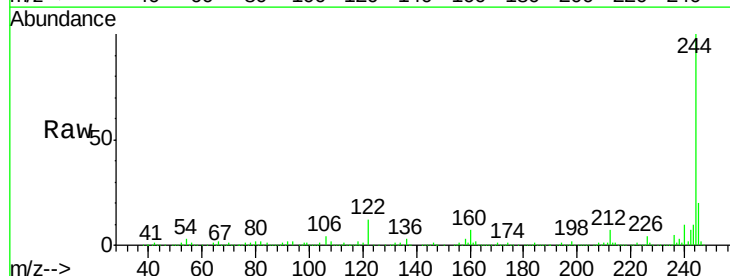
Instrument :
BNA_F
ClientSampleId :
SP-1-C

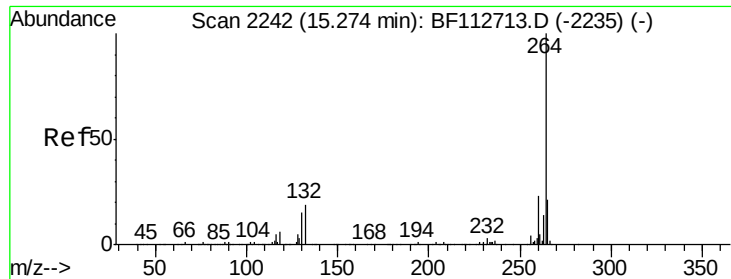
Tgt Ion:240 Resp: 377845
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 70.994 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113237.D
Acq: 22 Mar 2019 16:25

Tgt Ion:244 Resp: 1383783
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.6 10.5 15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113237.D
Acq: 22 Mar 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SP-1-C

Tgt Ion: 264 Resp: 343314
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 20.7 17.2 25.8

