

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112963.D
 Acq On : 11 Mar 2019 19:10
 Operator : JU/SJ
 Sample : K1689-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-030819

Quant Time: Mar 12 05:22:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	140446	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	569468	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	290892	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	684492	20.00	ng	0.00
76) Chrysene-d12	13.86	240	613161	20.00	ng	-0.01
87) Perylene-d12	15.27	264	502184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	878541	97.30	ng	0.00
7) Phenol-d6	6.36	99	997100	87.92	ng	0.00
23) Nitrobenzene-d5	7.29	82	811083	85.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	483312	156.50	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1579984	91.98	ng	-0.01
79) Terphenyl-d14	12.82	244	2191090	69.27	ng	0.00

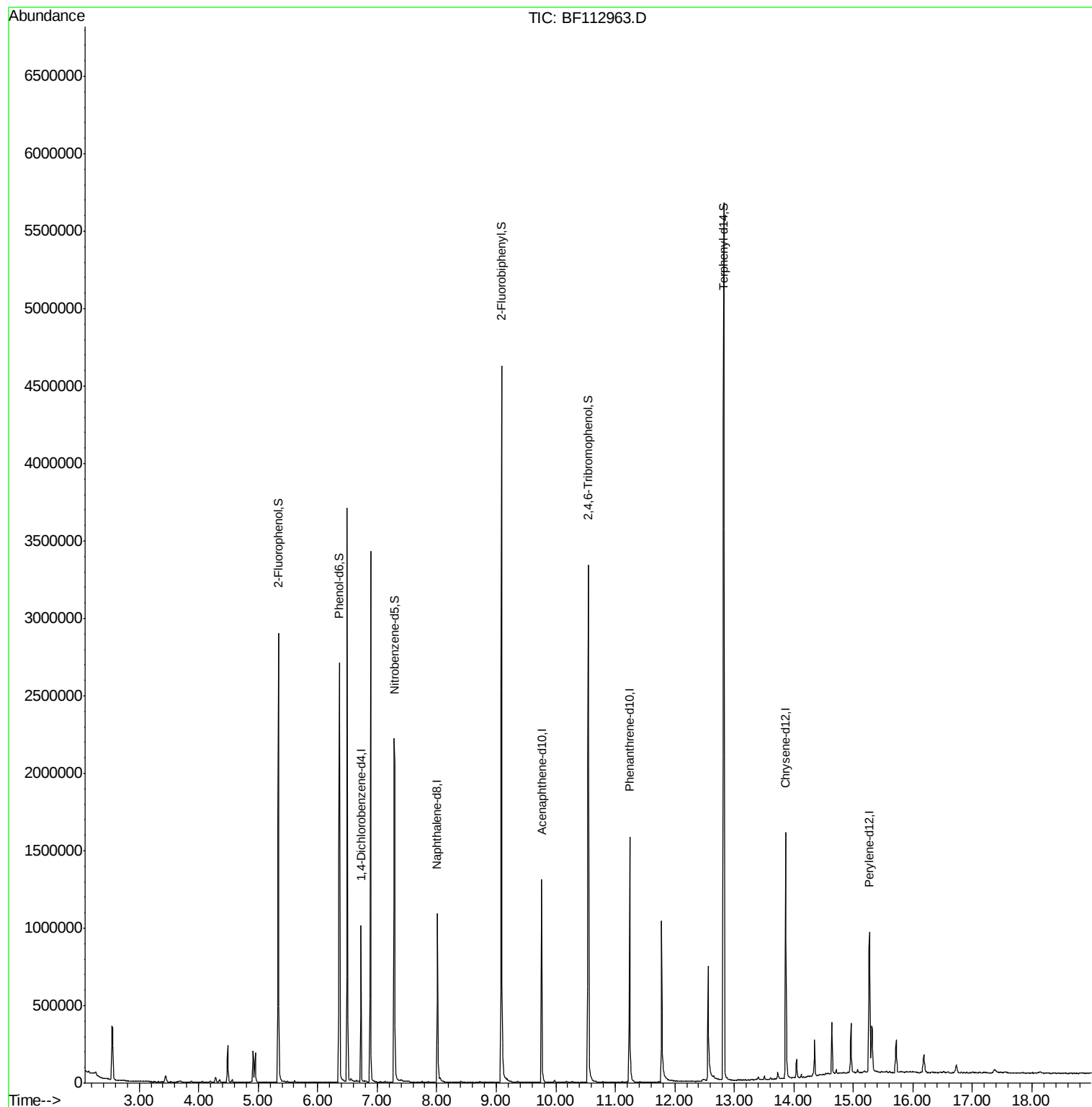
Target Compounds Qvalue

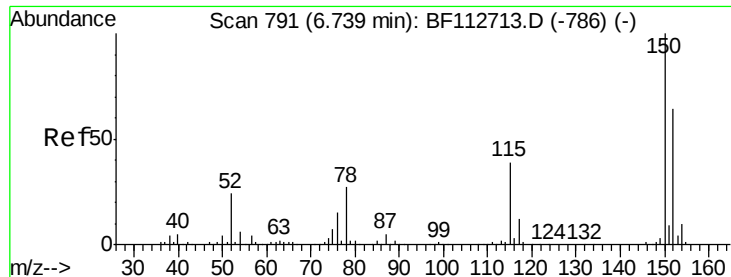
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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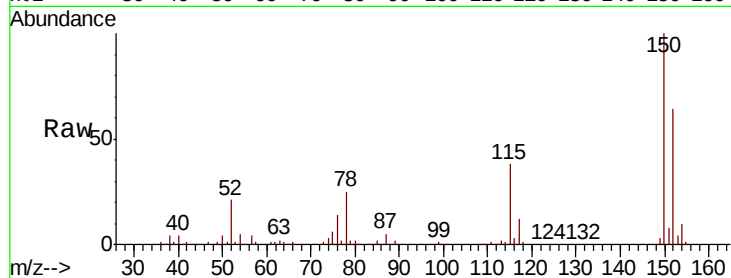


#1

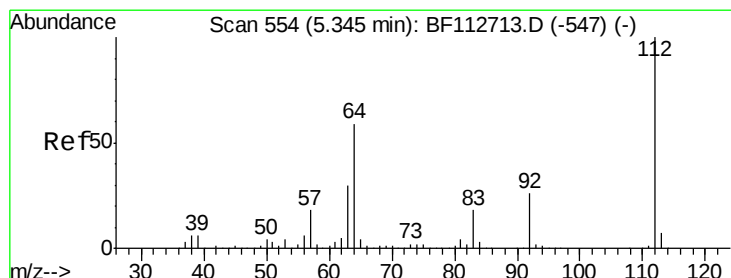
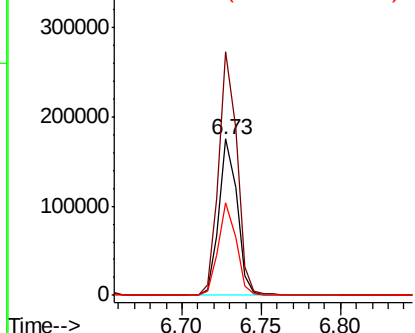
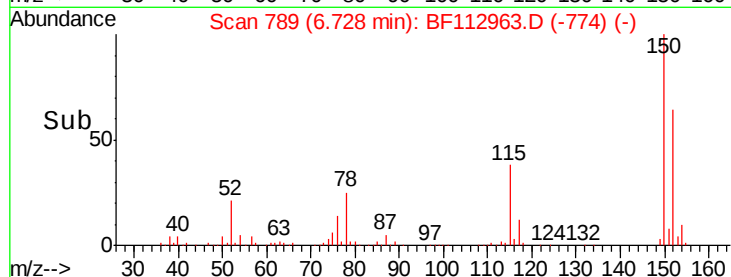
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tot Ion:152 Resp: 140446
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 59.4 48.2 72.4



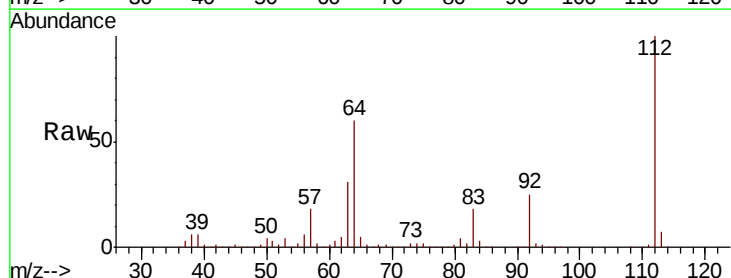
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



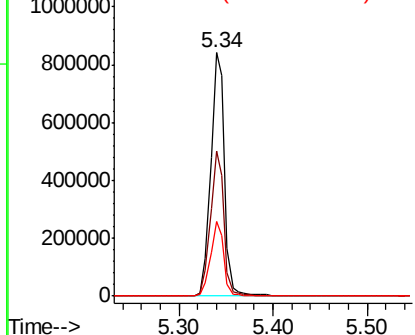
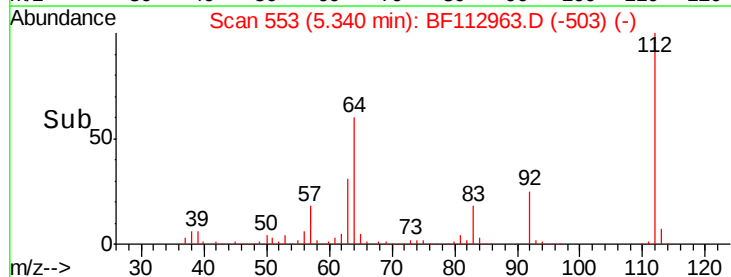
#5

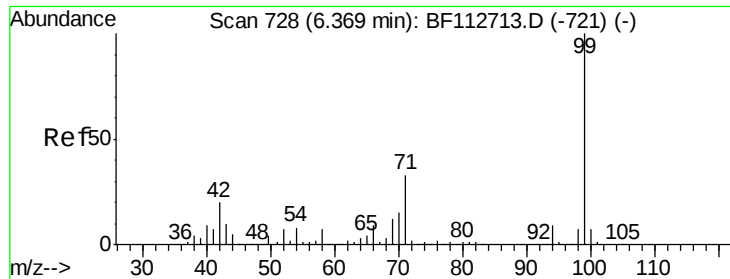
2-Fluorophenol
Concen: 97.305 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion:112 Resp: 878541
Ion Ratio Lower Upper
112 100
64 59.7 47.6 71.4
63 30.8 24.4 36.6



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: 87.915 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112963.D

Acq: 11 Mar 2019 19:10

Instrument :

BNA_F

ClientSampleId :

NB-07-030819

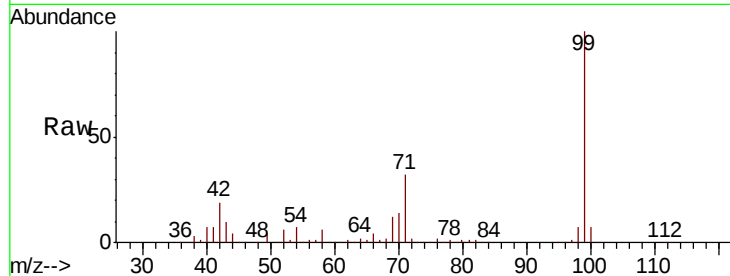
Tot Ion: 99 Resp: 997100

Ion Ratio Lower Upper

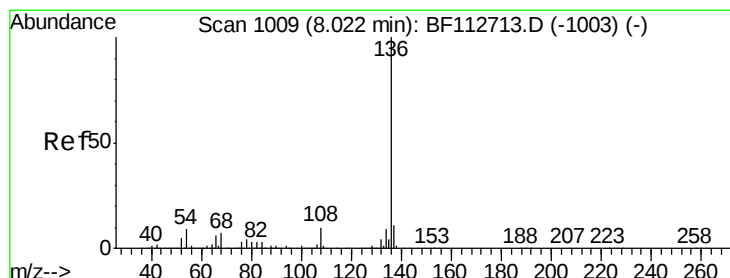
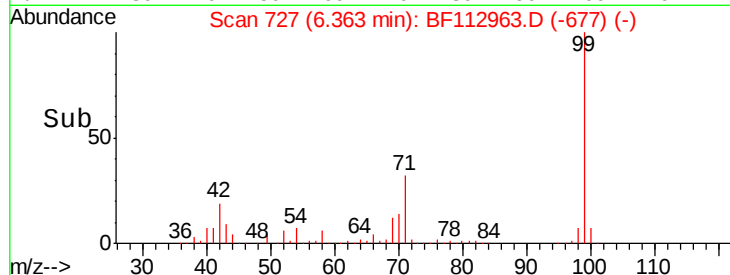
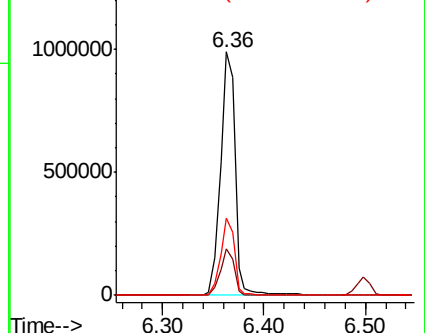
99 100

42 19.0 16.3 24.5

71 31.9 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112963.D

Acq: 11 Mar 2019 19:10

Tgt Ion: 136 Resp: 569468

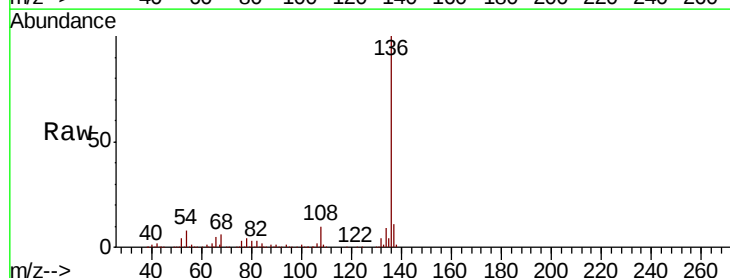
Ion Ratio Lower Upper

136 100

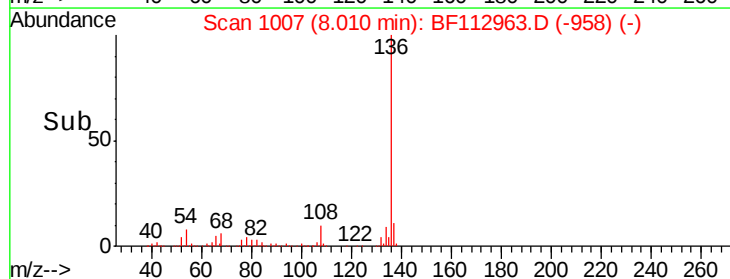
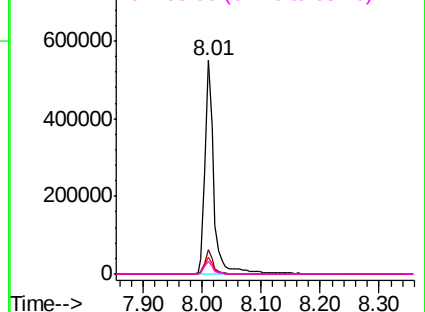
137 11.3 8.9 13.3

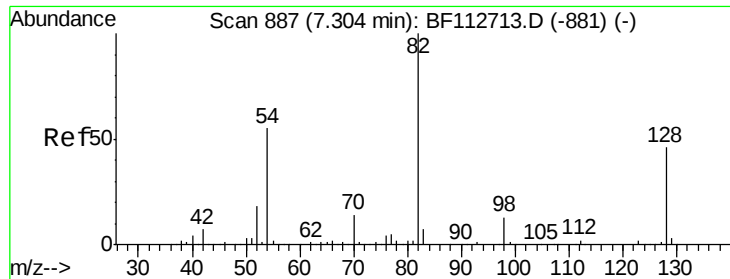
54 8.0 7.3 10.9

68 6.1 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

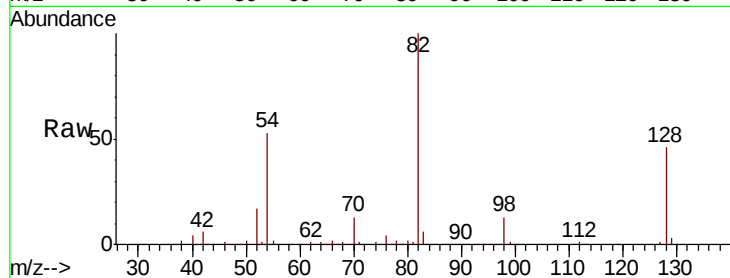




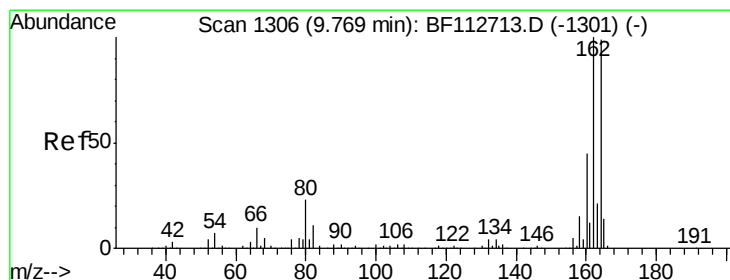
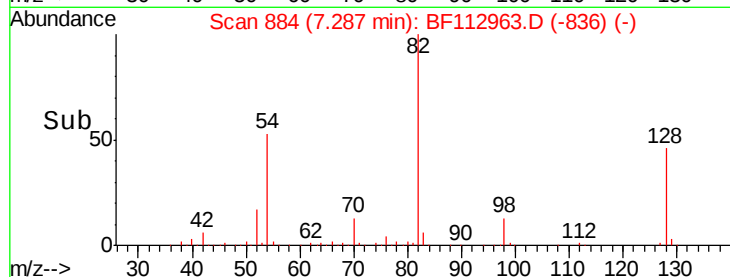
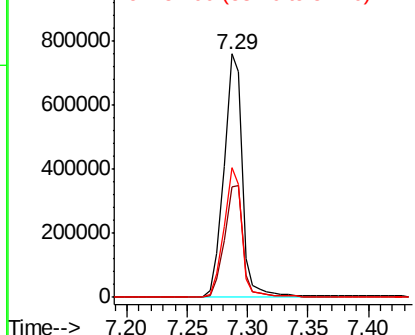
#23
Nitrobenzene-d5
Concen: 85.226 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Instrument :
BNA_F
ClientSampleId :
NB-07-030819

Tot Ion: 82 Resp: 811083
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 53.4 43.7 65.5

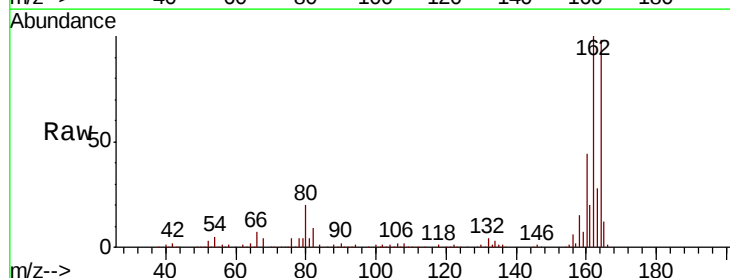


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

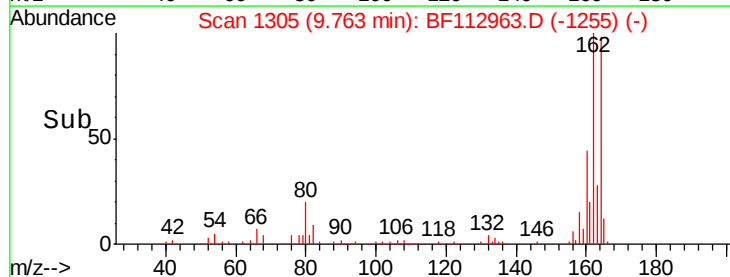
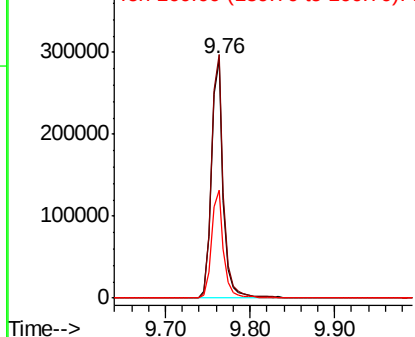


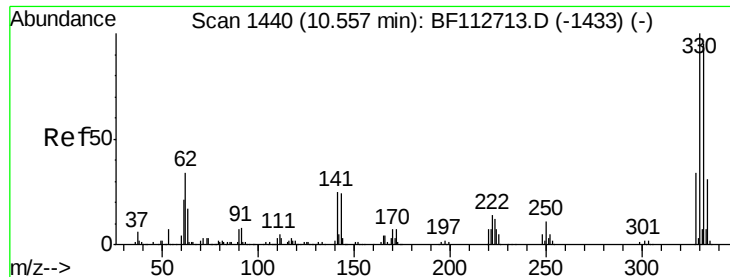
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112963.D
Acq: 11 Mar 2019 19:10

Tgt Ion:164 Resp: 290892
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 44.9 36.0 54.0



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: 156.504 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112963.D

Acq: 11 Mar 2019 19:10

Instrument :

BNA_F

ClientSampleId :

NB-07-030819

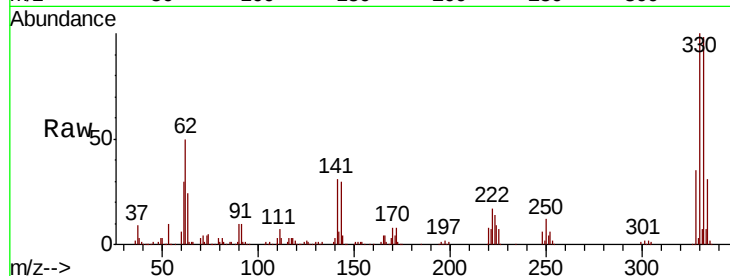
Tot Ion:330 Resp: 483312

Ion Ratio Lower Upper

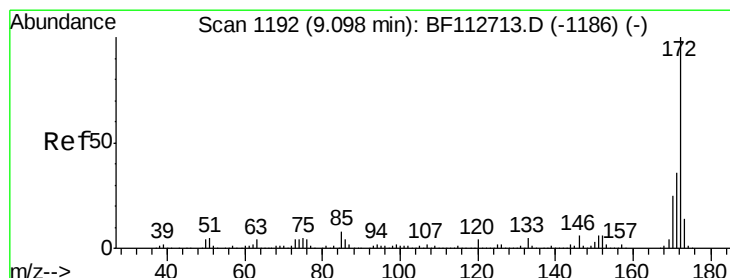
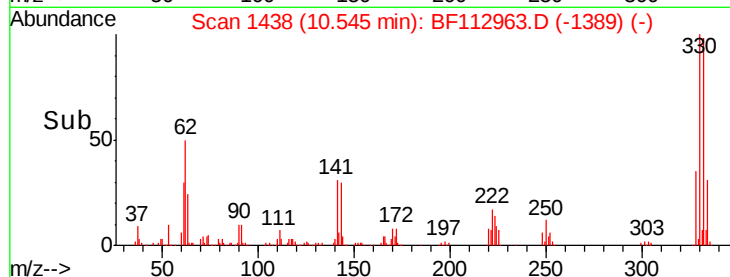
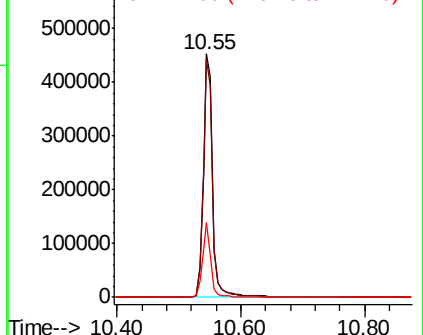
330 100

332 95.9 76.2 114.4

141 28.1 27.0 40.6



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: 91.984 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112963.D

Acq: 11 Mar 2019 19:10

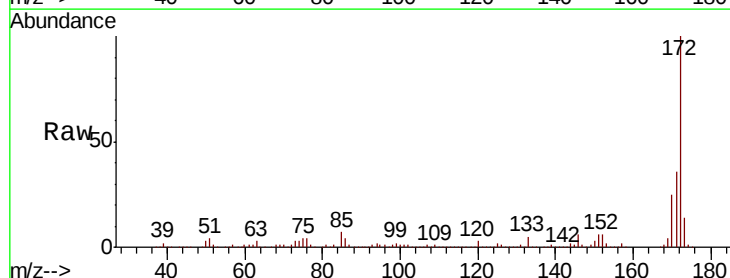
Tgt Ion:172 Resp: 1579984

Ion Ratio Lower Upper

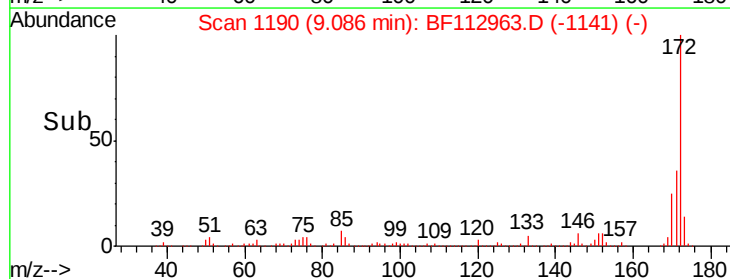
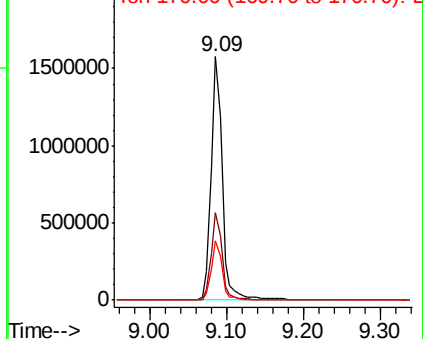
172 100

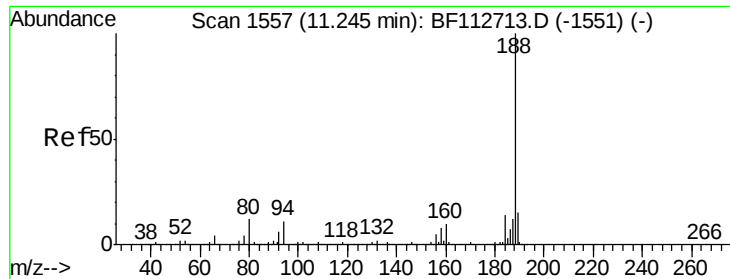
171 35.8 29.0 43.4

170 24.6 20.0 30.0



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112963.D

Acq: 11 Mar 2019 19:10

Instrument :

BNA_F

ClientSampleId :

NB-07-030819

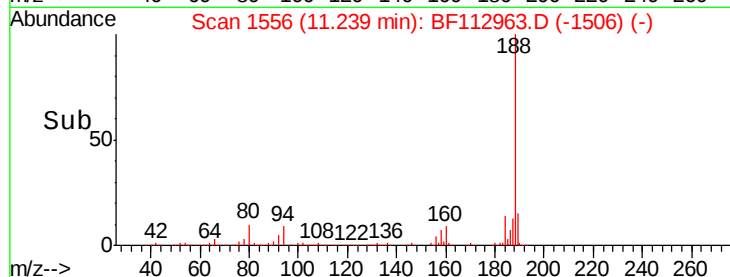
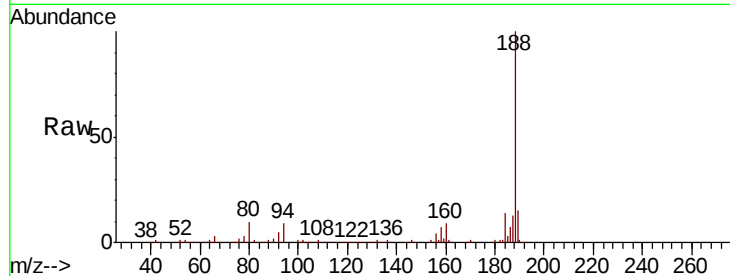
Tot Ion:188 Resp: 684492

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

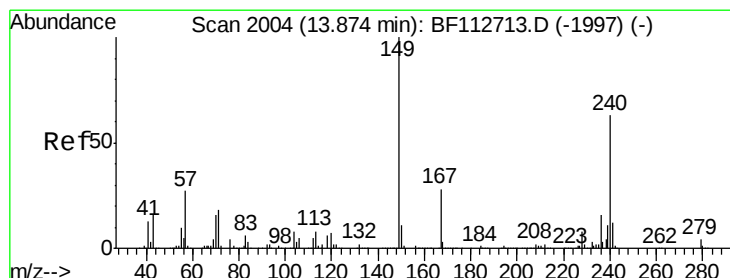
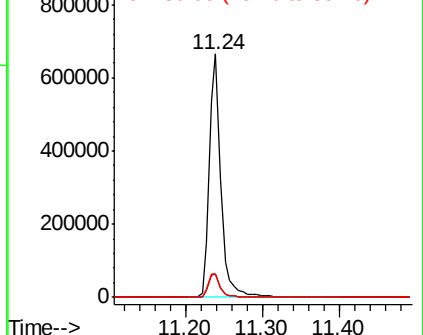
80 9.8 9.2 13.8



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# 2002

Delta R.T. -0.01 min

Lab File: BF112963.D

Acq: 11 Mar 2019 19:10

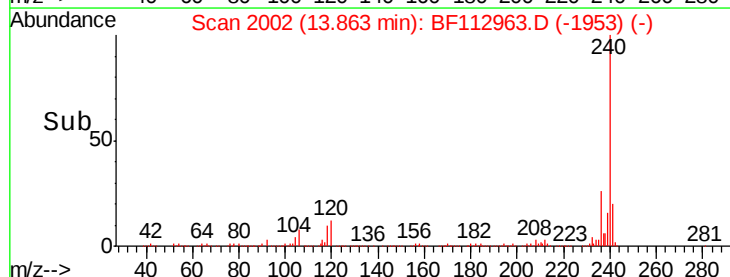
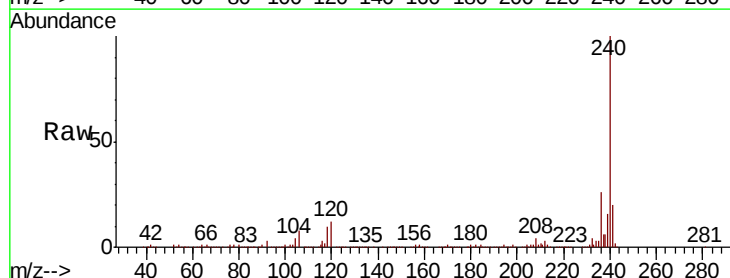
Tgt Ion:240 Resp: 613161

Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

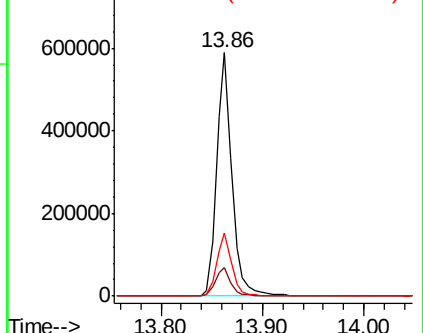
236 26.0 20.7 31.1

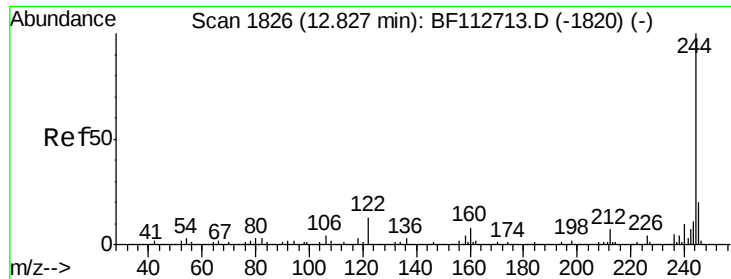


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

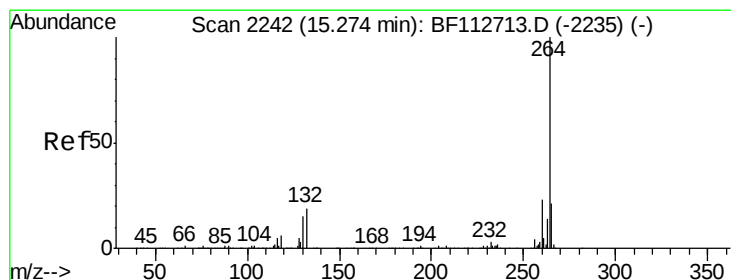
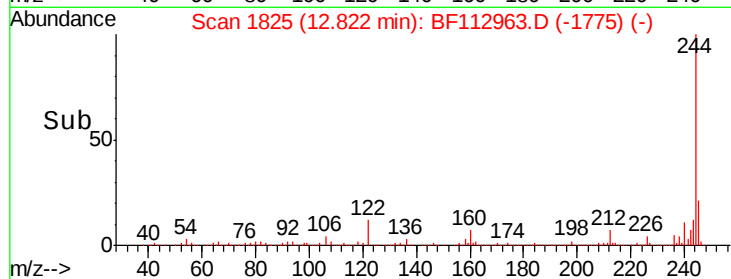
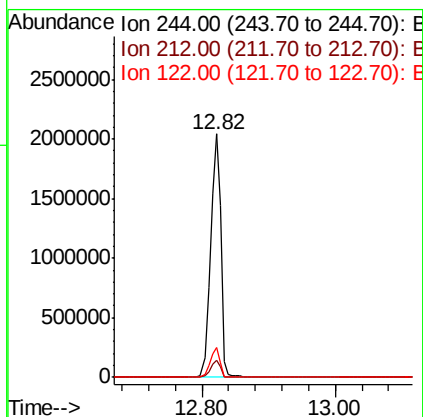
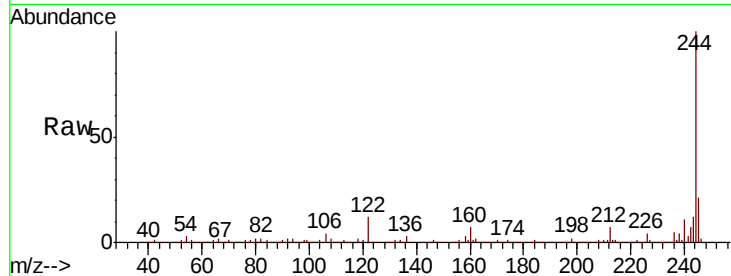




#79
 Terphenyl-d14
 Concen: 69.271 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112963.D
 Acq: 11 Mar 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-030819

Tot Ion:244 Resp: 2191090
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.0 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: BF112963.D
 Acq: 11 Mar 2019 19:10

Tgt Ion:264 Resp: 502184
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 20.7 17.2 25.8

