

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112960.D
 Acq On : 11 Mar 2019 17:47
 Operator : JU/SJ
 Sample : K1785-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5

Quant Time: Mar 12 05:08:36 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

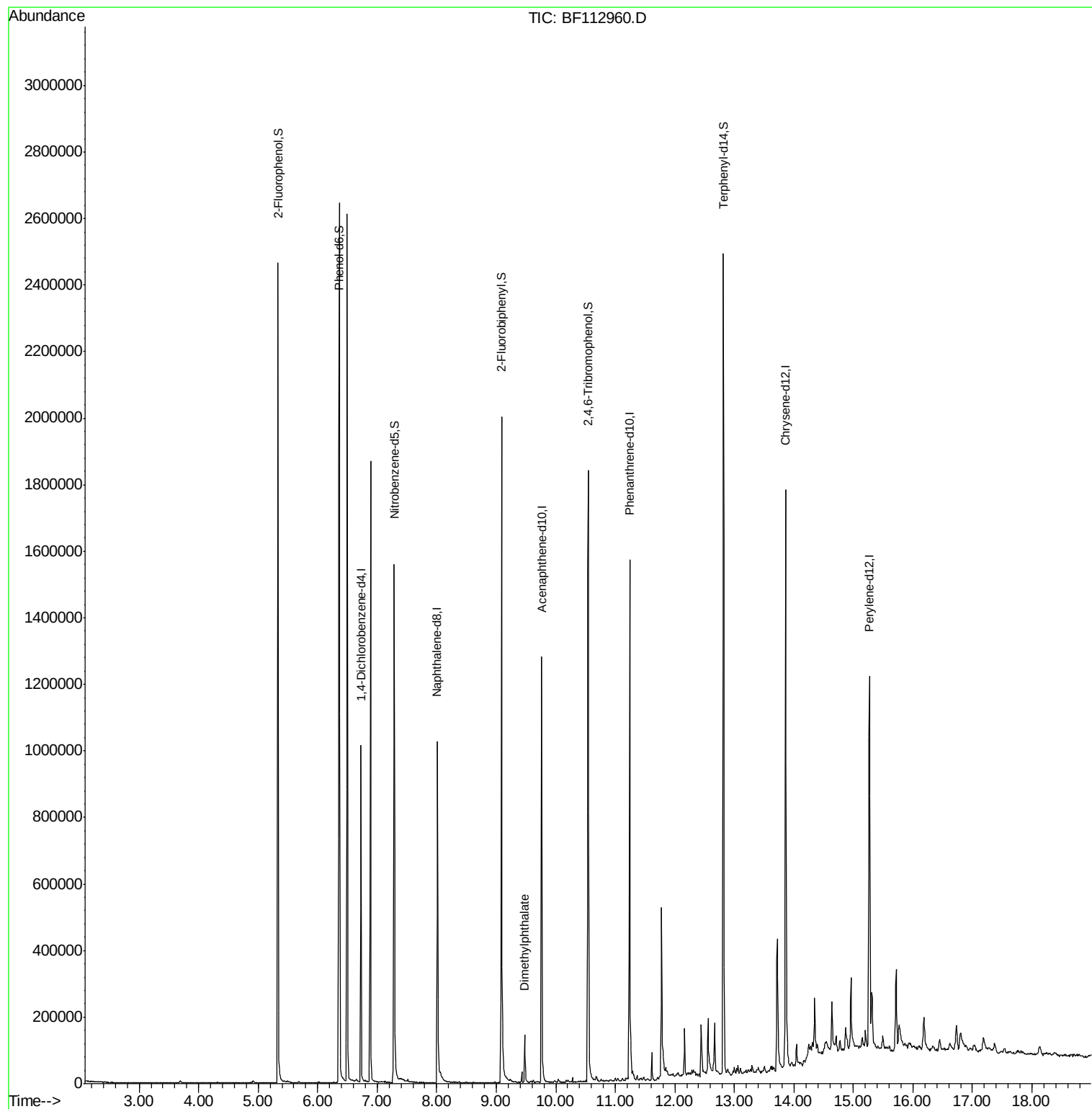
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	143431	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	572360	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	284338	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	646777	20.00	ng	0.00
76) Chrysene-d12	13.86	240	618972	20.00	ng	-0.01
87) Perylene-d12	15.27	264	543326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	697061	75.60	ng	-0.01
7) Phenol-d6	6.36	99	882914	76.23	ng	0.00
23) Nitrobenzene-d5	7.29	82	495917	51.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	270296	89.54	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	722896	36.00	ng	-0.01
79) Terphenyl-d14	12.82	244	845512	26.48	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.48	163	64494	3.076	ng	Qvalue 100

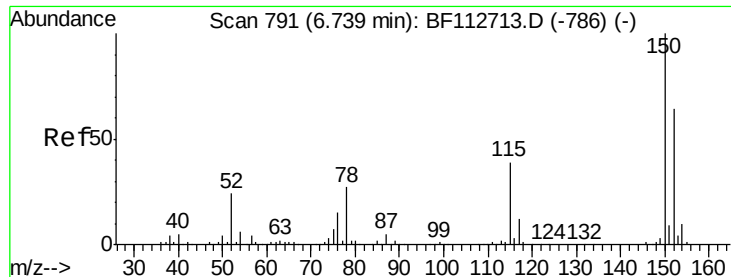
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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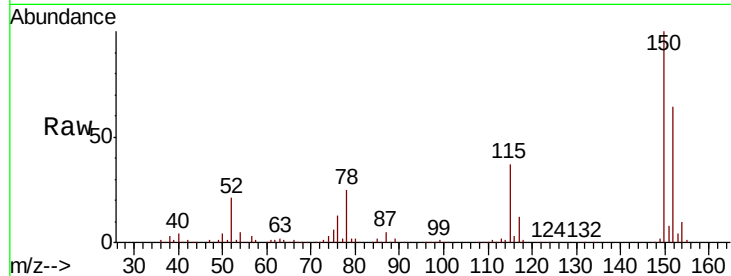


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	58.3	48.2	72.4

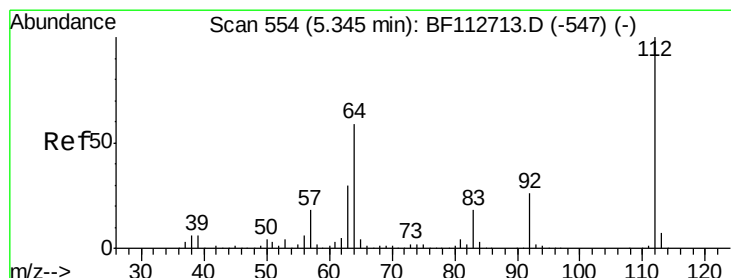
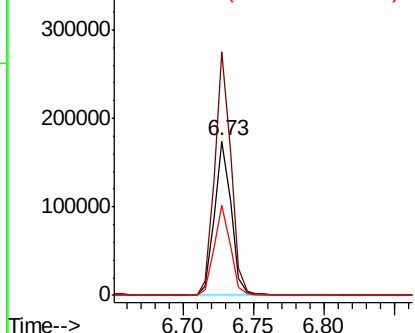
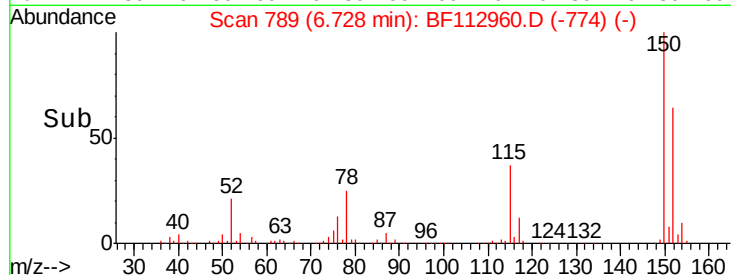


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

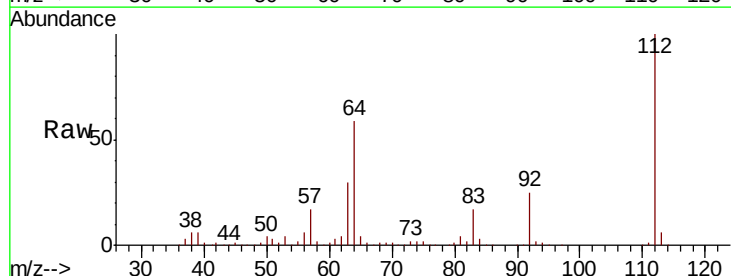
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 75.598 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.6	71.4
63	29.5	24.4	36.6

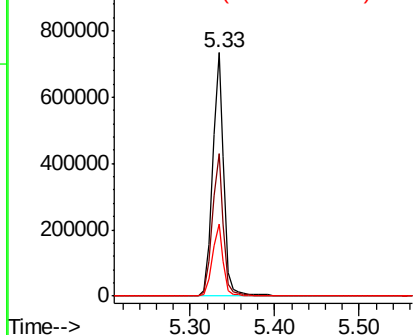
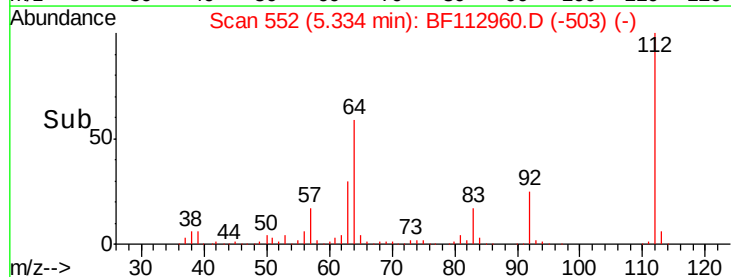


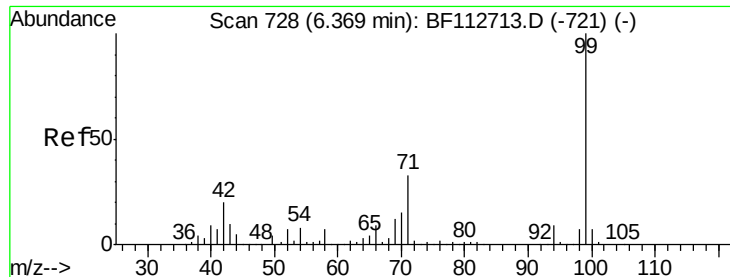
Abundance

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: 76.227 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112960.D

Acq: 11 Mar 2019 17:47

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5

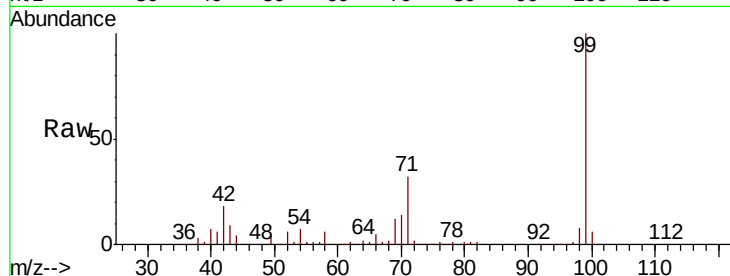
Tot Ion: 99 Resp: 882914

Ion Ratio Lower Upper

99 100

42 18.1 16.3 24.5

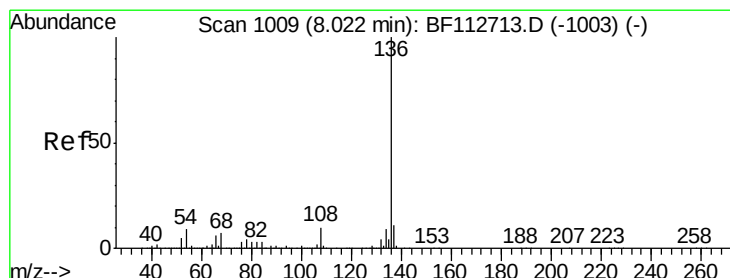
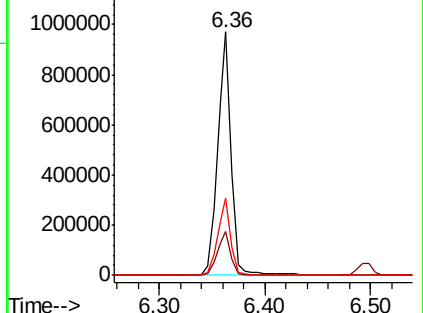
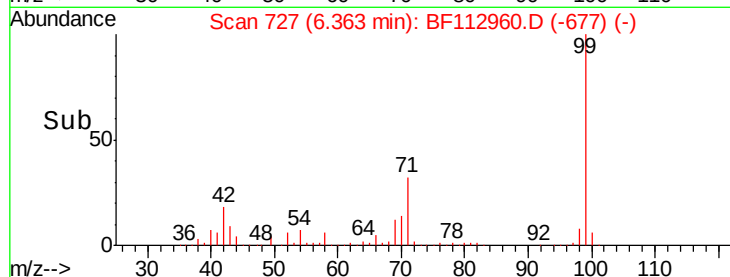
71 31.6 26.2 39.4



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: BF112960.D

Acq: 11 Mar 2019 17:47

Tgt Ion: 136 Resp: 572360

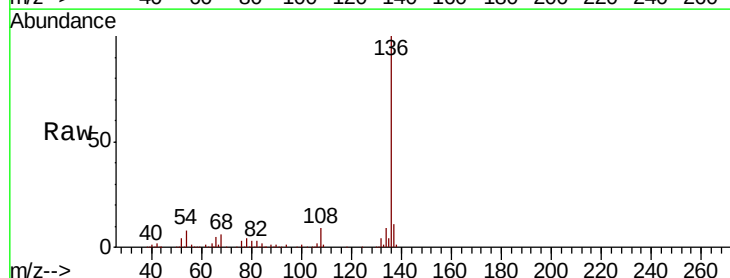
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.0 7.3 10.9

68 6.3 5.4 8.2

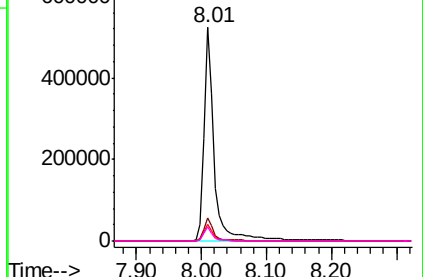
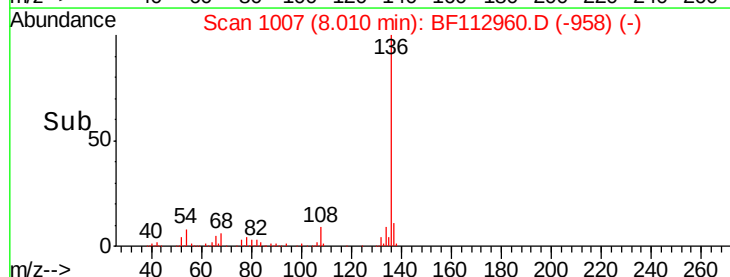


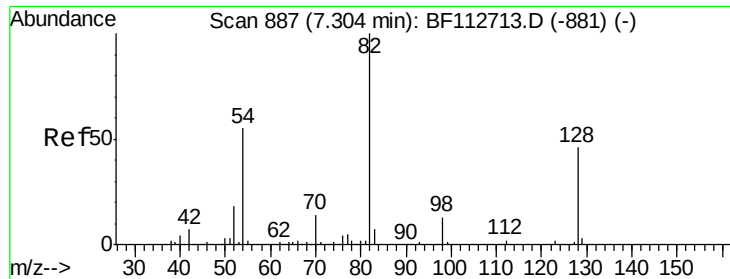
Abundance Ion 136.00 (135.70 to 136.70): E

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

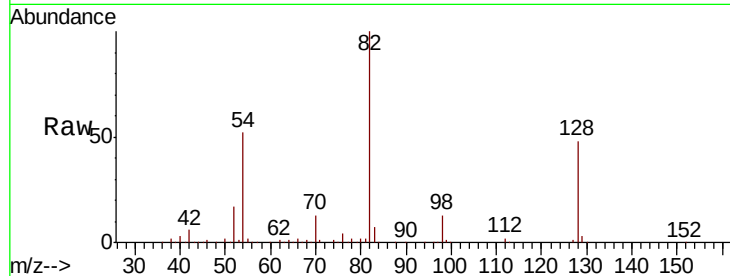




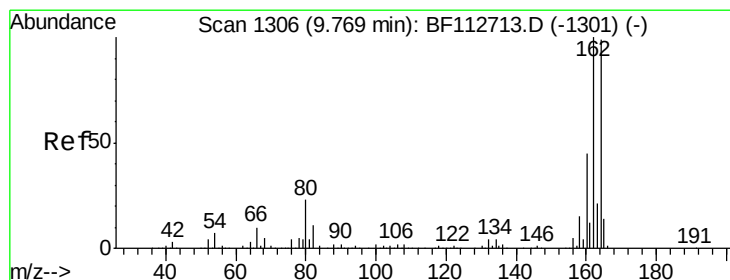
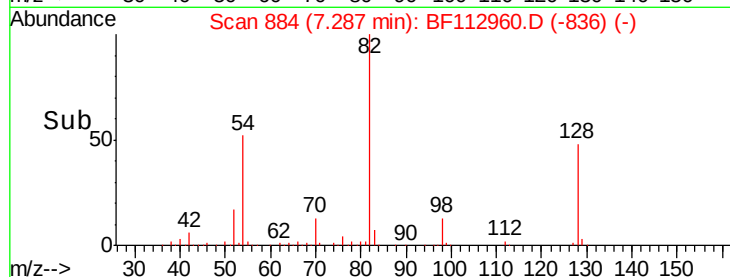
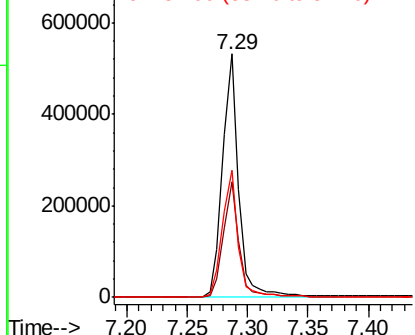
#23
Nitrobenzene-d5
Concen: 51.846 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5

Tot Ion: 82 Resp: 495917
Ion Ratio Lower Upper
82 100
128 47.6 36.3 54.5
54 52.1 43.7 65.5

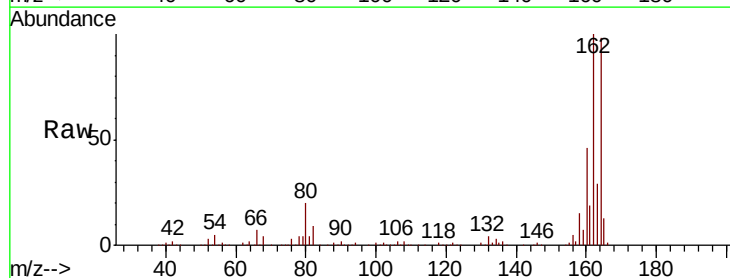


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

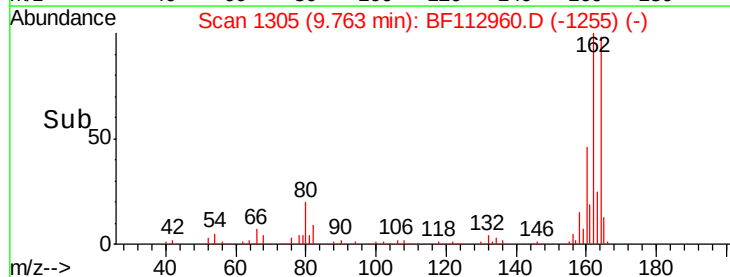
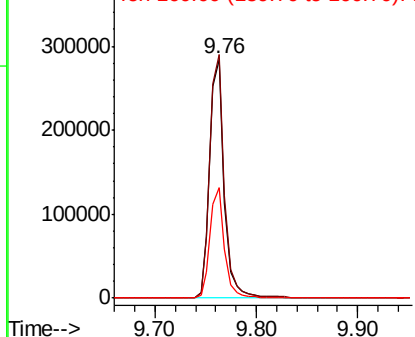


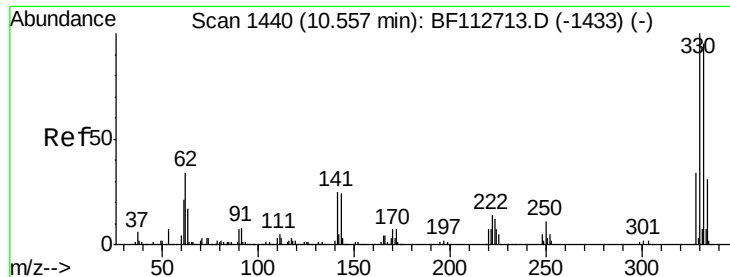
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Tgt Ion: 164 Resp: 284338
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 46.5 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: 89.543 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112960.D

Acq: 11 Mar 2019 17:47

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5

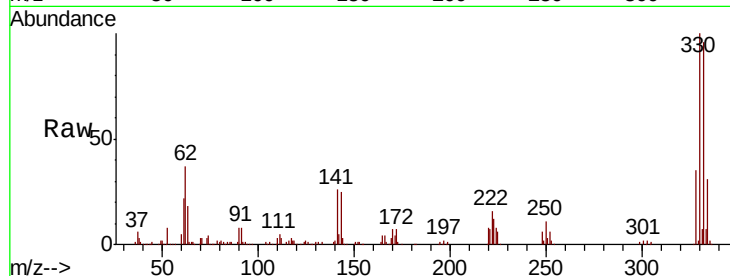
Tot Ion:330 Resp: 270296

Ion Ratio Lower Upper

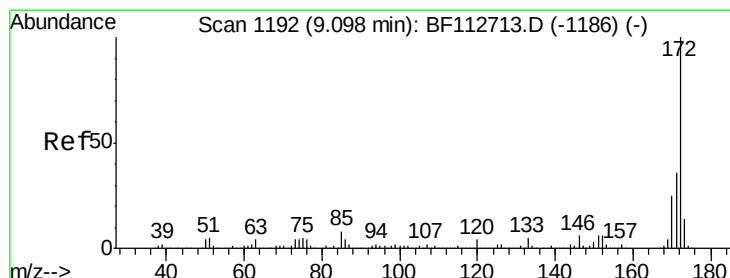
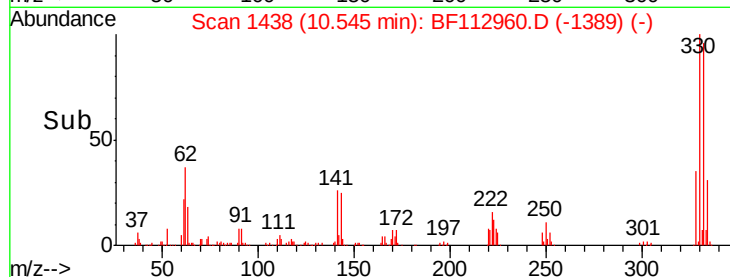
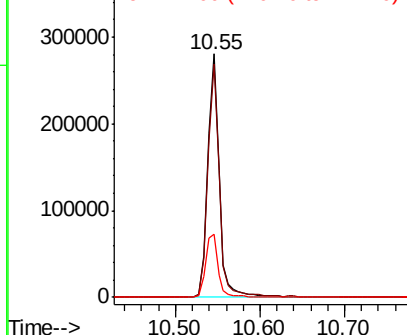
330 100

332 96.3 76.2 114.4

141 27.8 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: 35.997 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF112960.D

Acq: 11 Mar 2019 17:47

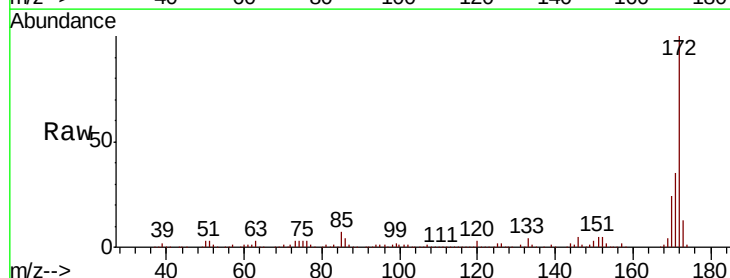
Tgt Ion:172 Resp: 722896

Ion Ratio Lower Upper

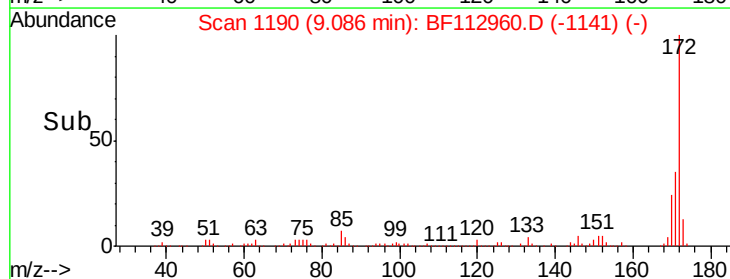
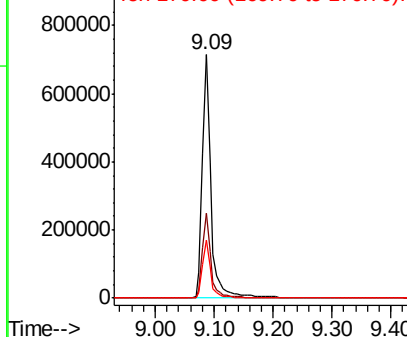
172 100

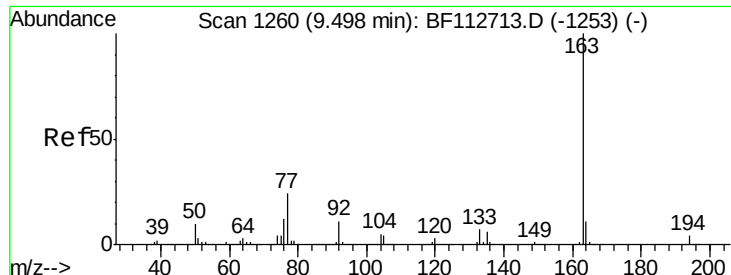
171 34.8 29.0 43.4

170 23.7 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

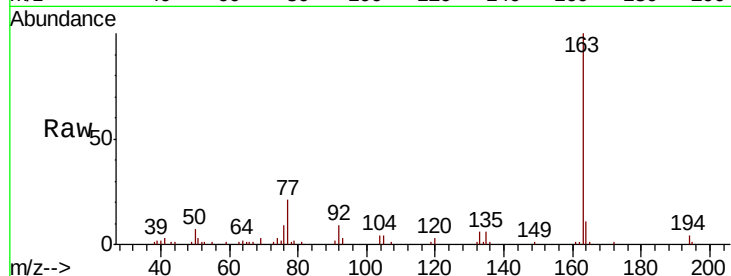




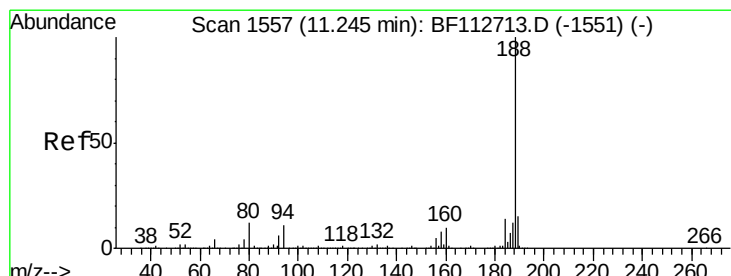
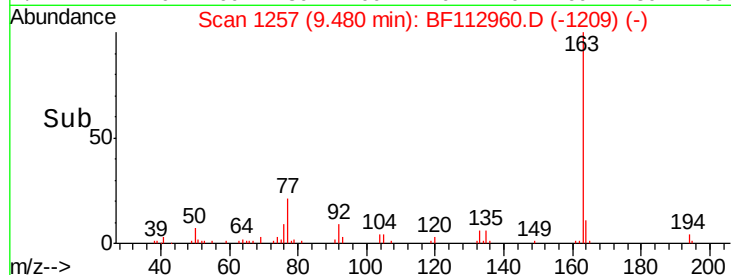
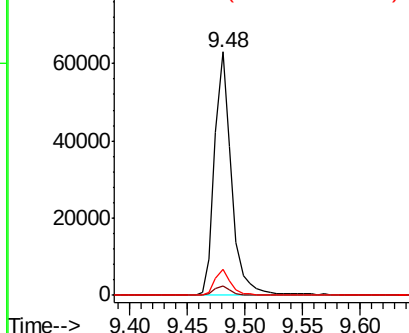
#50
Dimethylphthalate
Concen: 3.076 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5

Tot Ion:163 Resp: 64494
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.6 8.4 12.6

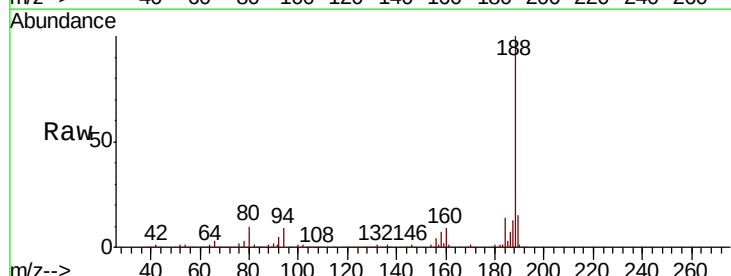


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

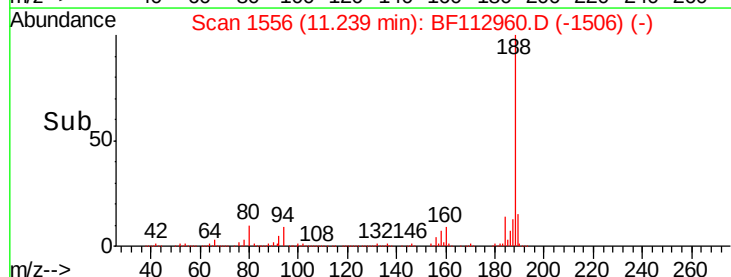
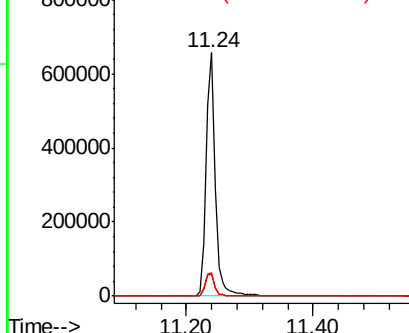


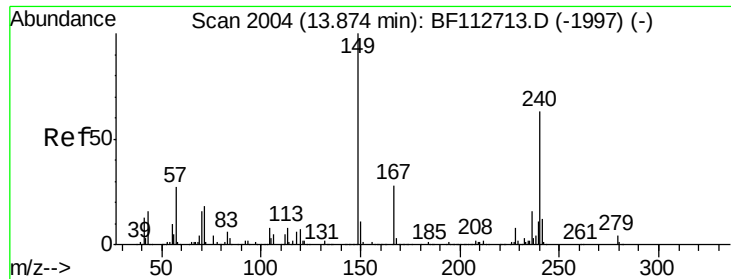
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Tgt Ion:188 Resp: 646777
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.4
80 9.6 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

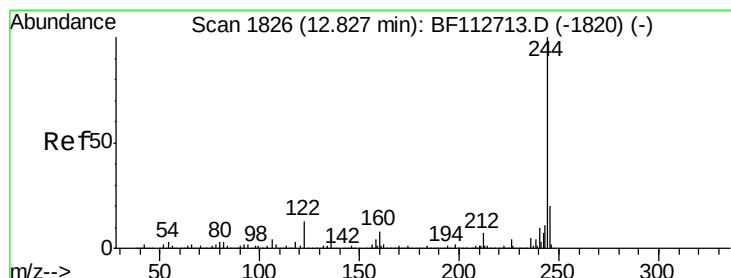
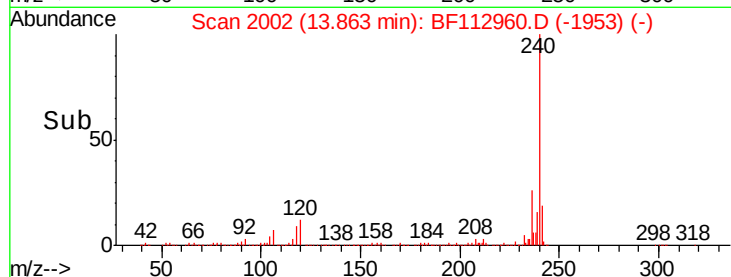
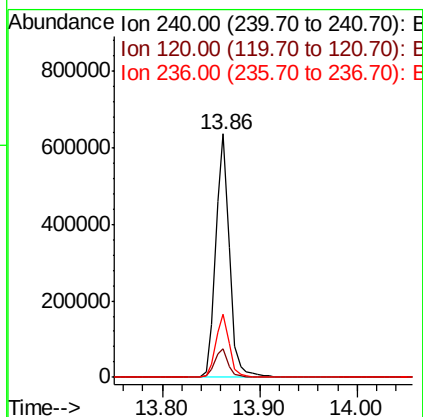
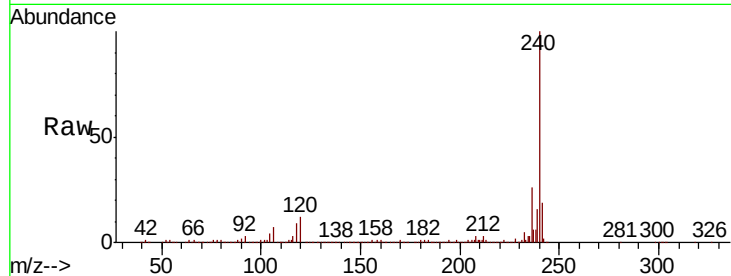




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

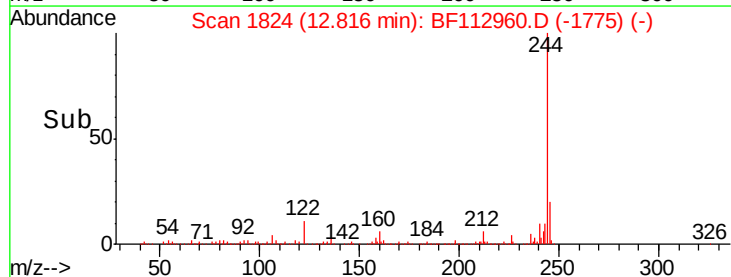
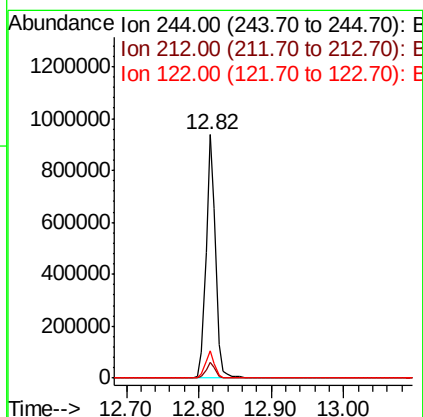
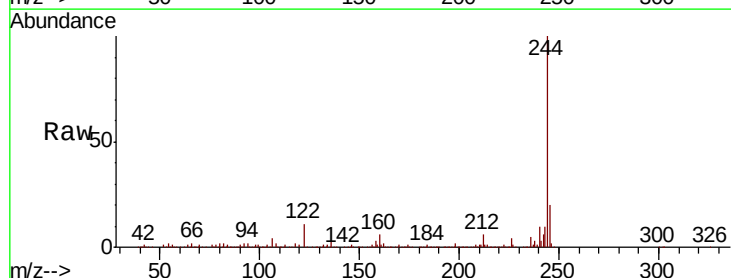
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 SD2-0.0-0.5

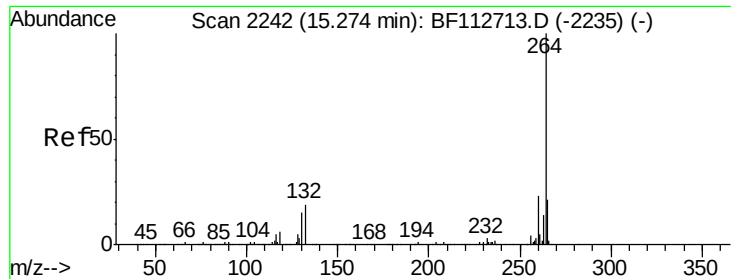
Tot Ion:240 Resp: 618972
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.9 13.3
 236 26.1 20.7 31.1



#79
 Terphenyl-d14
 Concen: 26.480 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112960.D
 Acq: 11 Mar 2019 17:47

Tgt Ion:244 Resp: 845512
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.5 10.5 15.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112960.D
Acq: 11 Mar 2019 17:47

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.3	17.2	25.8

