

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113238.D
 Acq On : 22 Mar 2019 16:53
 Operator : JU/SJ
 Sample : K2011-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190142-COMPOSITE-A

Quant Time: Mar 23 00:10:32 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

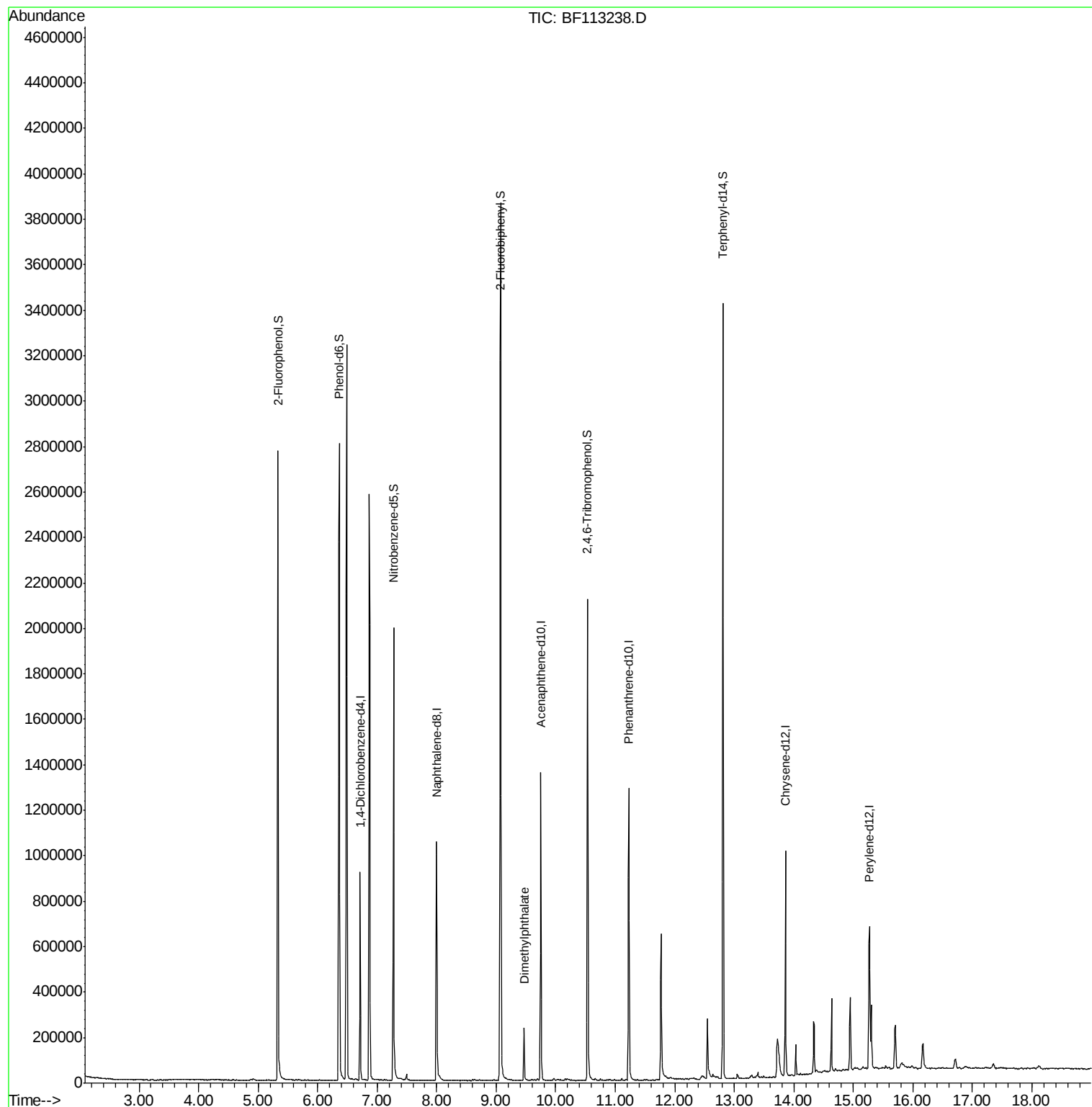
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149506	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	577674	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	288027	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	511537	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	346022	20.00	ng	-0.01
87) Perylene-d12	15.27	264	310297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	830843	86.45	ng	-0.01
7) Phenol-d6	6.36	99	1044056	86.48	ng	-0.01
23) Nitrobenzene-d5	7.27	82	678595	70.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	309298	101.15	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1309142	72.42	ng	-0.02
79) Terphenyl-d14	12.81	244	1214417	68.03	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.47	163	109410	5.152	ng	Qvalue 98

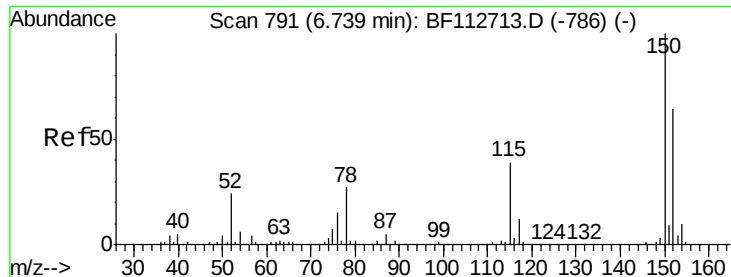
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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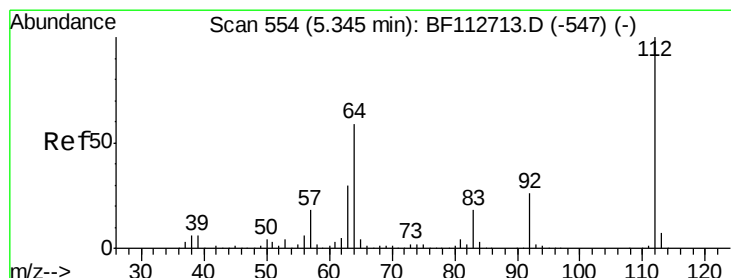
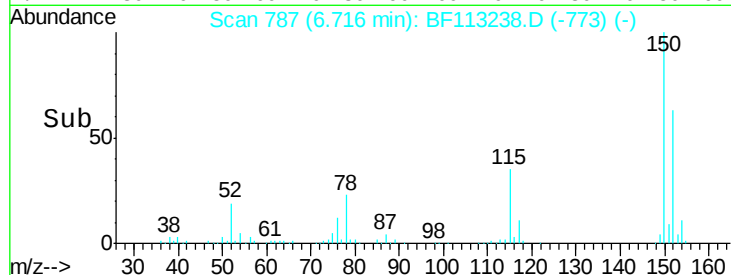
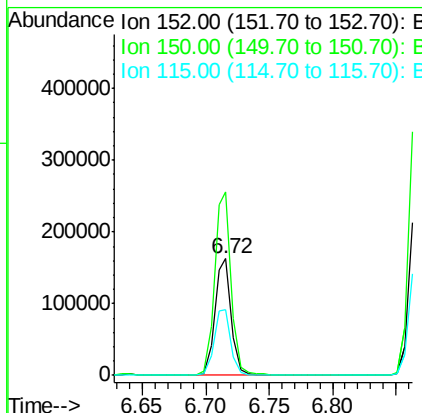
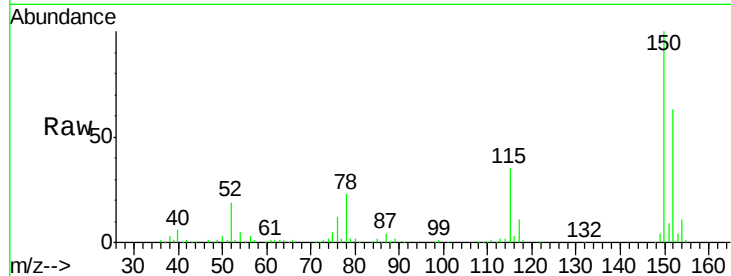


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113238.D
Acq: 22 Mar 2019 16:53

Instrument :
BNA_F
ClientSampleId :
20190142-COMPOSITE-A

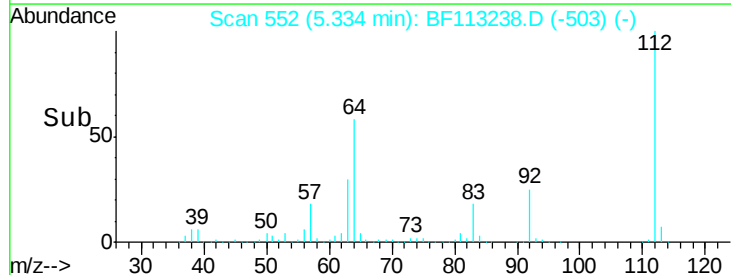
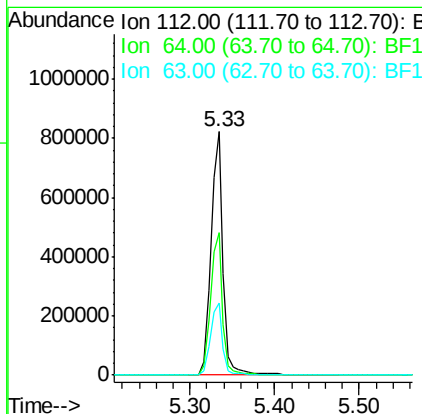
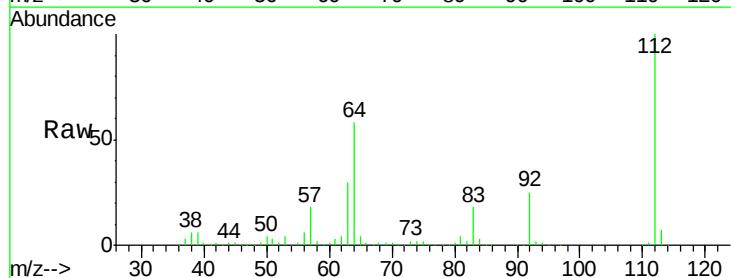
Tgt Ion:152 Resp: 149506
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 55.9 48.2 72.4

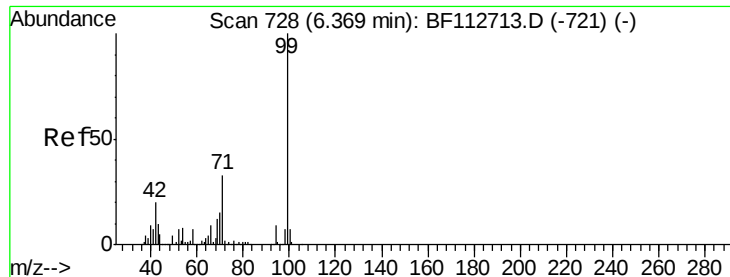


#5

2-Fluorophenol
Concen: 86.446 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113238.D
Acq: 22 Mar 2019 16:53

Tgt Ion:112 Resp: 830843
Ion Ratio Lower Upper
112 100
64 58.4 47.6 71.4
63 29.7 24.4 36.6





#7

Phenol-d6

Concen: 86.477 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113238.D

Acq: 22 Mar 2019 16:53

Instrument :

BNA_F

ClientSampleId :

20190142-COMPOSITE-A

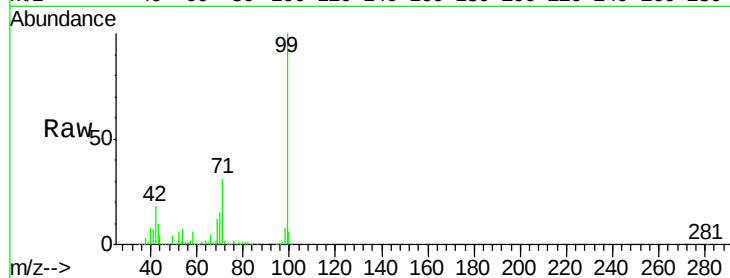
Tgt Ion: 99 Resp: 1044056

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

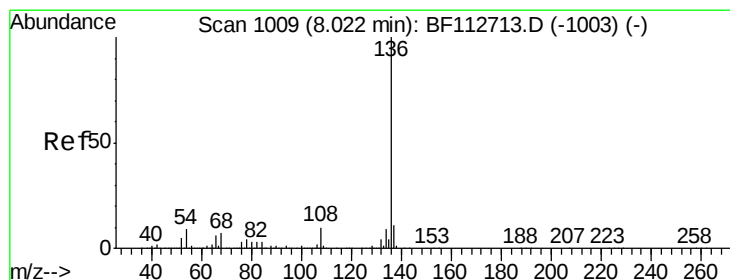
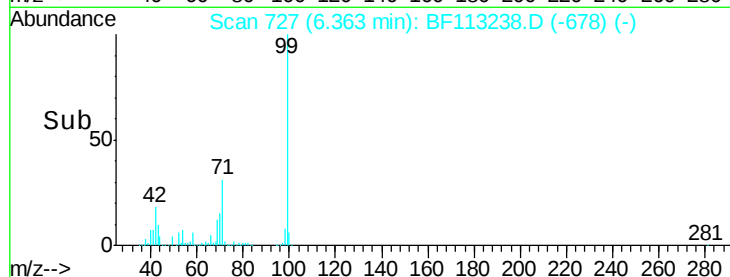
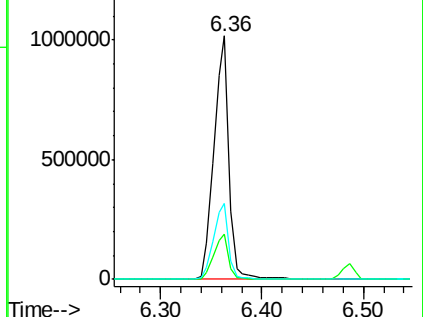
71 31.4 26.2 39.4



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: BF113238.D

Acq: 22 Mar 2019 16:53

Tgt Ion: 136 Resp: 577674

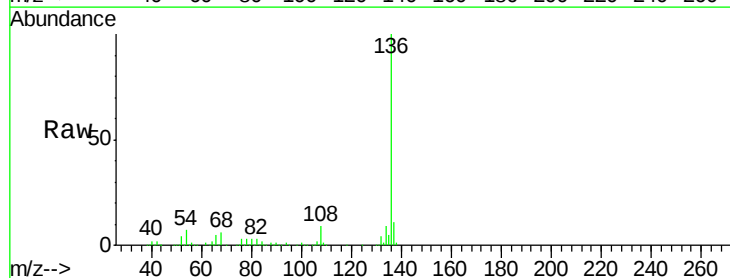
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.3 7.3 10.9

68 5.6 5.4 8.2

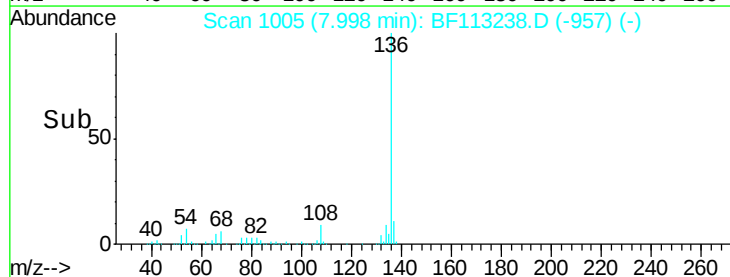
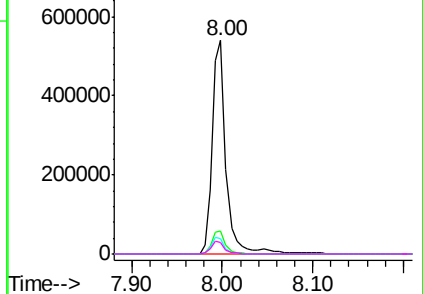


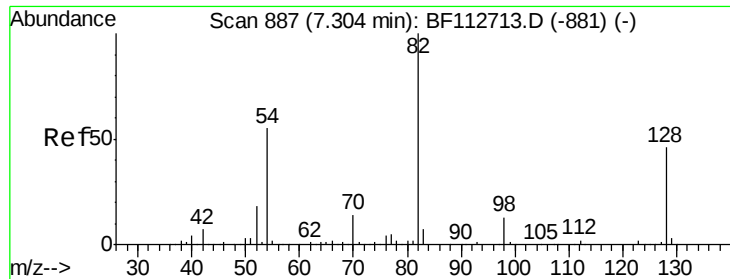
Abundance Ion 136.00 (135.70 to 136.70): E

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

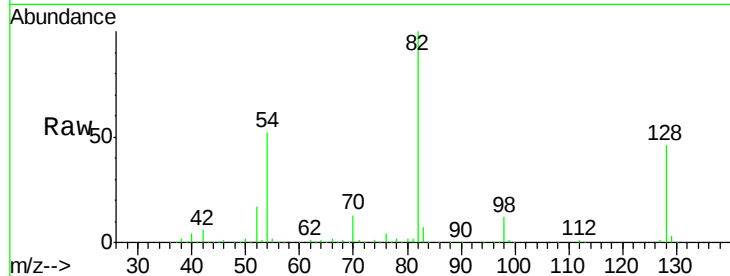




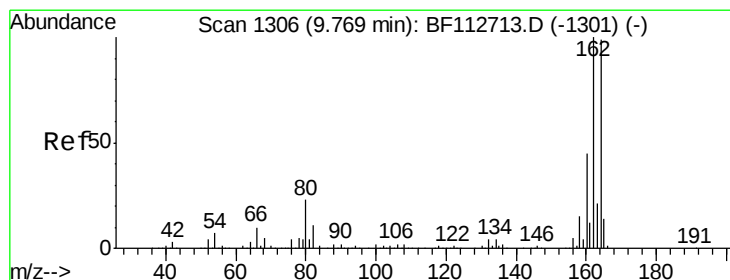
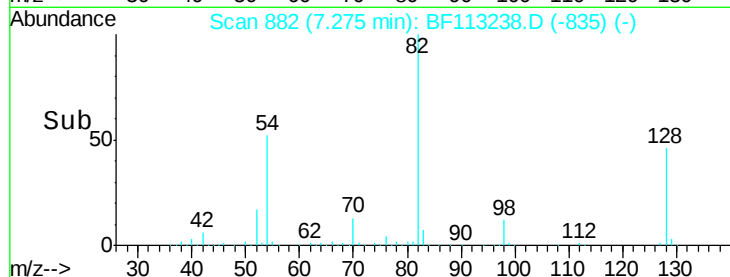
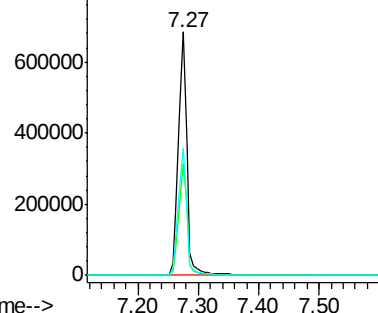
#23
Nitrobenzene-d5
Concen: 70.292 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113238.D
Acq: 22 Mar 2019 16:53

Instrument :
BNA_F
ClientSampleId :
20190142-COMPOSITE-A

Tgt Ion: 82 Resp: 678595
Ion Ratio Lower Upper
82 100
128 46.0 36.3 54.5
54 52.1 43.7 65.5

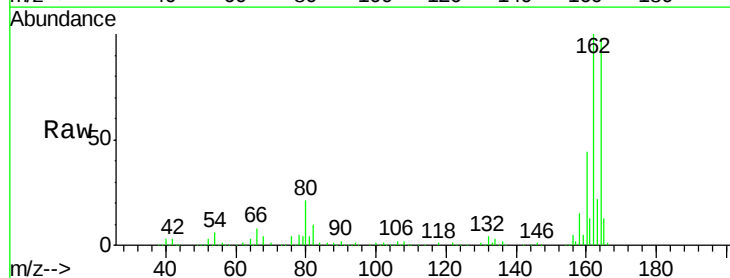


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

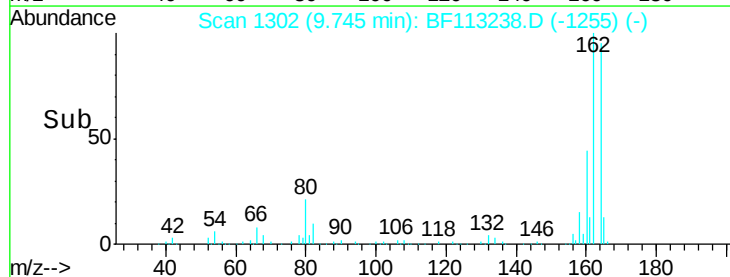
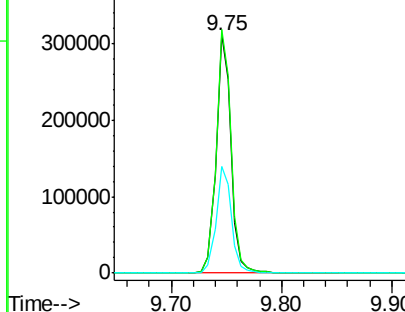


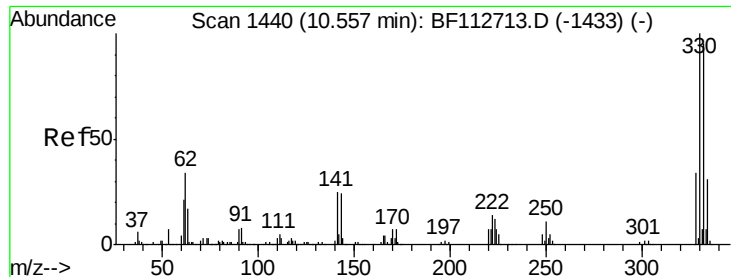
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113238.D
Acq: 22 Mar 2019 16:53

Tgt Ion: 164 Resp: 288027
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.8 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

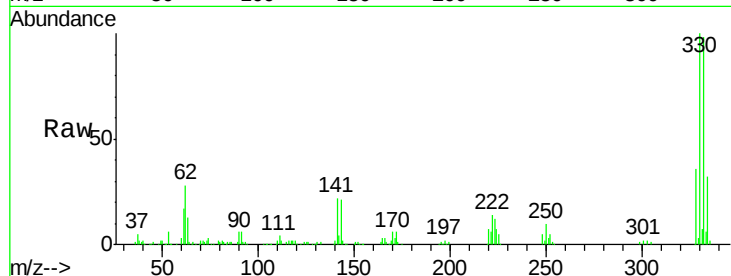




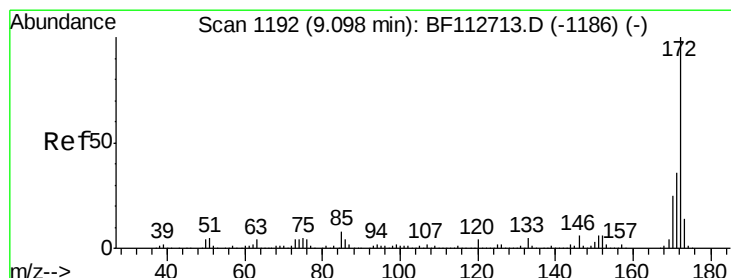
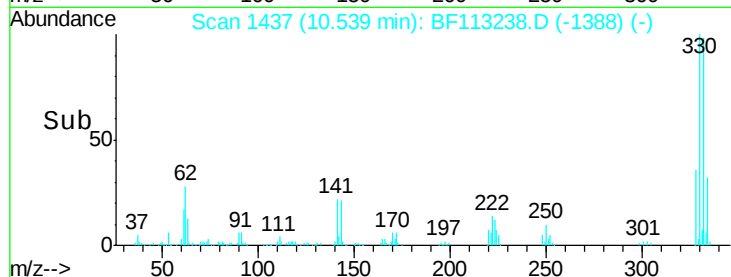
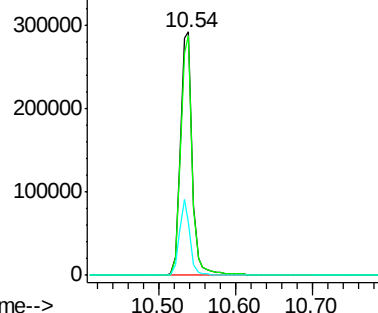
#42
 2,4,6-Tribromophenol
 Concen: 101.152 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113238.D
 Acq: 22 Mar 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 20190142-COMPOSITE-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	28.3	27.0	40.6

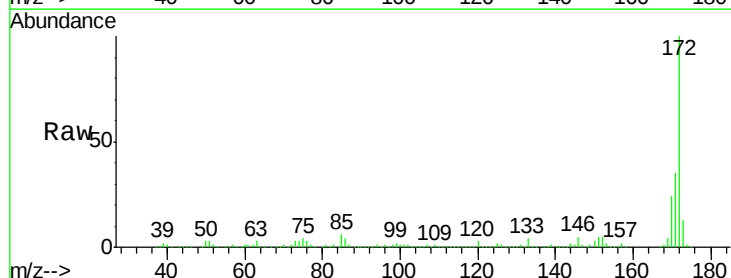


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

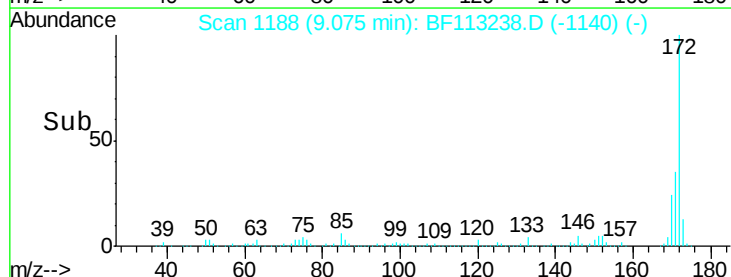
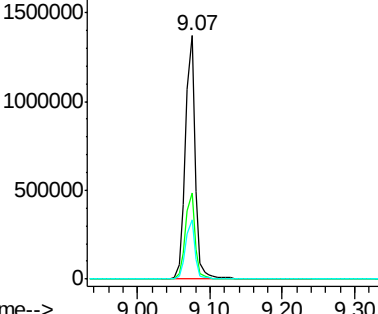


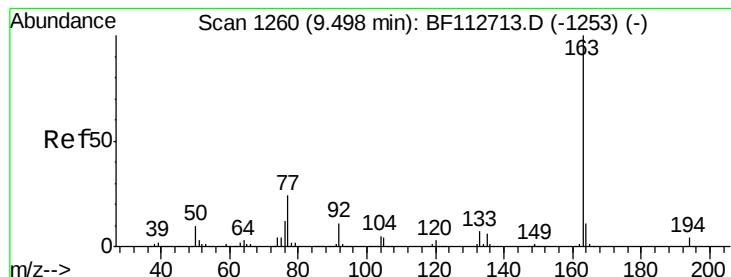
#45
 2-Fluorobiphenyl
 Concen: 72.424 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113238.D
 Acq: 22 Mar 2019 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.2	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: 5.152 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.03 min

Lab File: BF113238.D

Acq: 22 Mar 2019 16:53

Instrument :

BNA_F

ClientSampleId :

20190142-COMPOSITE-A

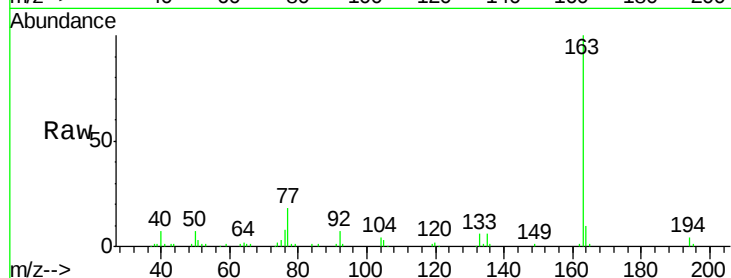
Tgt Ion:163 Resp: 109410

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

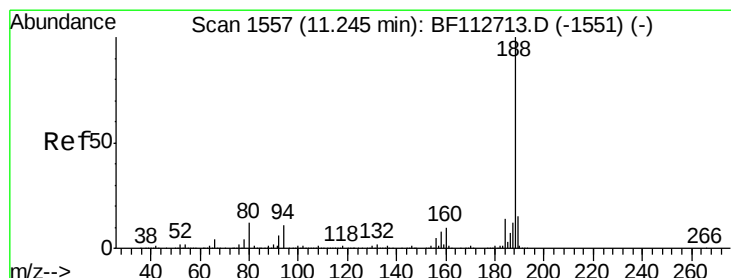
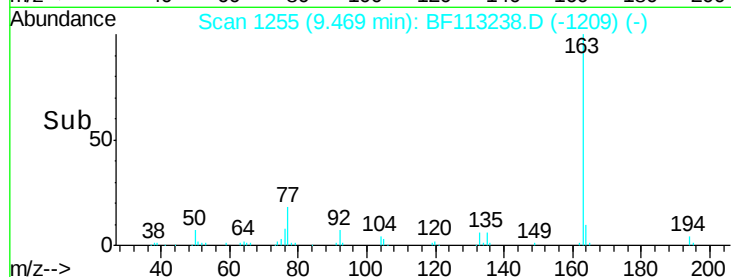
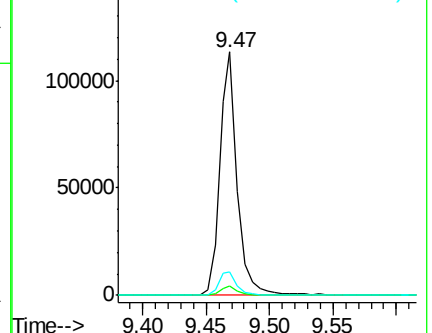
164 9.5 8.4 12.6



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: BF113238.D

Acq: 22 Mar 2019 16:53

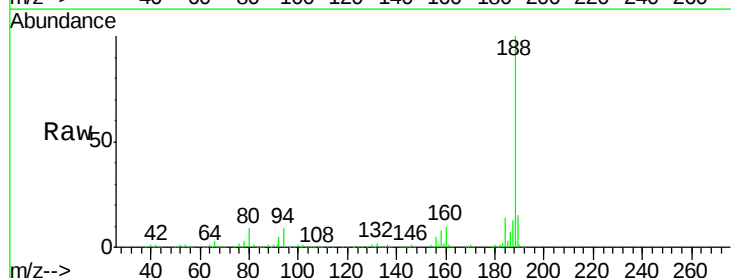
Tgt Ion:188 Resp: 511537

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

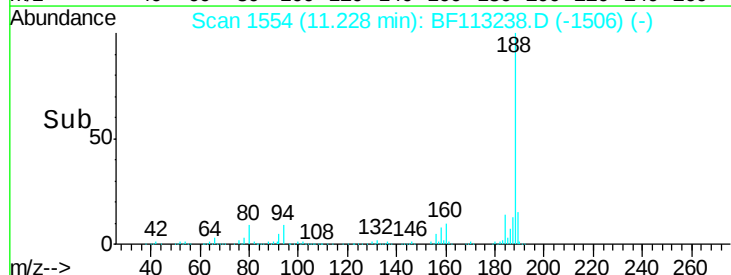
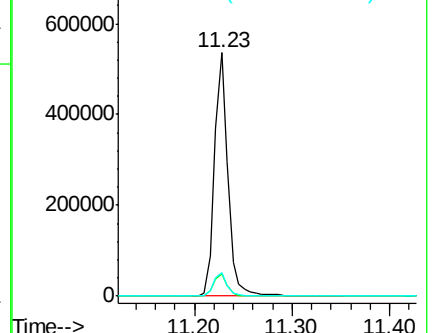
80 9.4 9.2 13.8

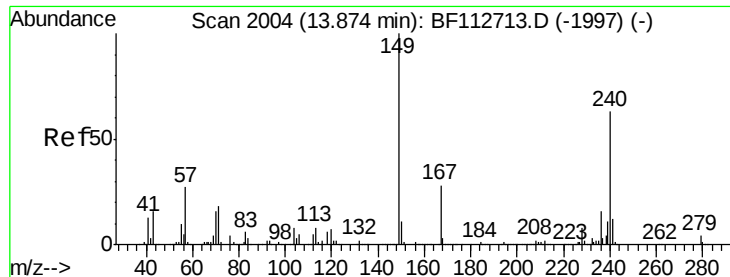


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

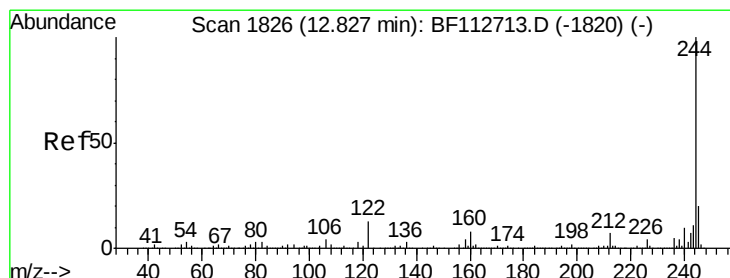
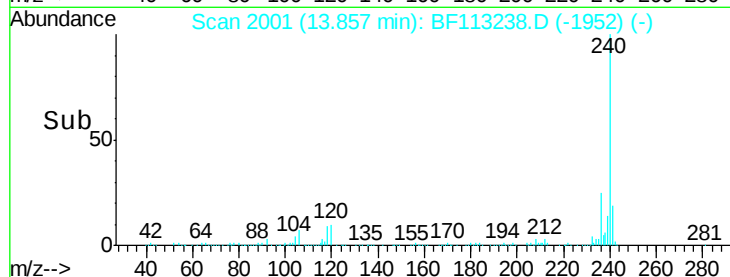
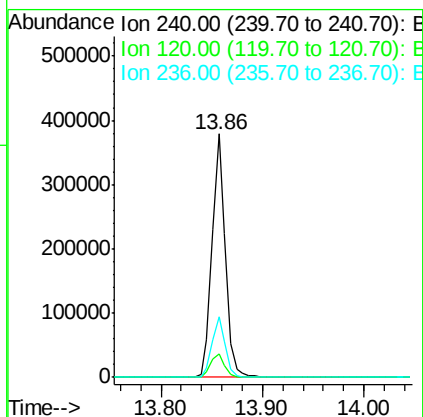
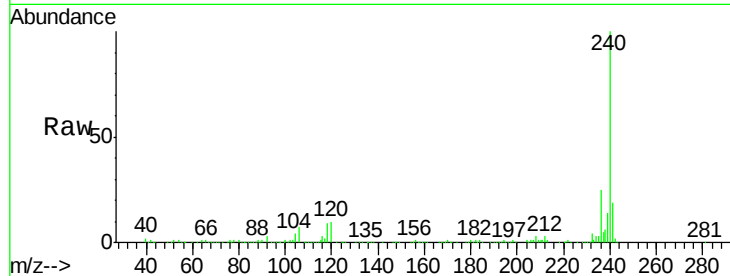




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113238.D
Acq: 22 Mar 2019 16:53

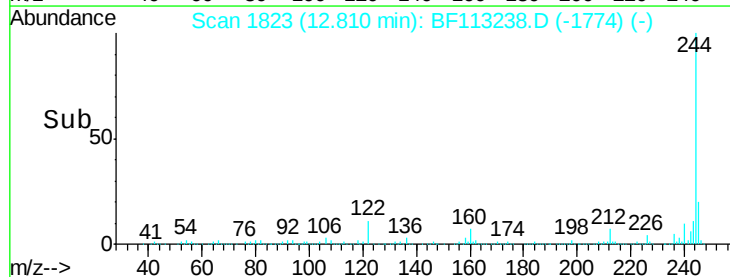
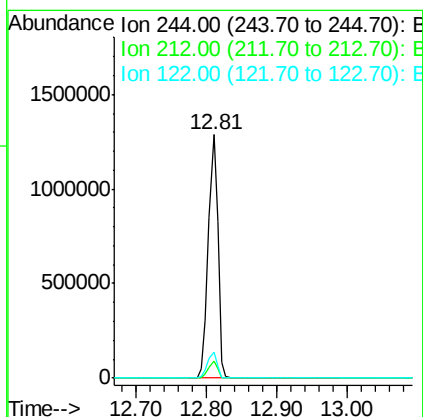
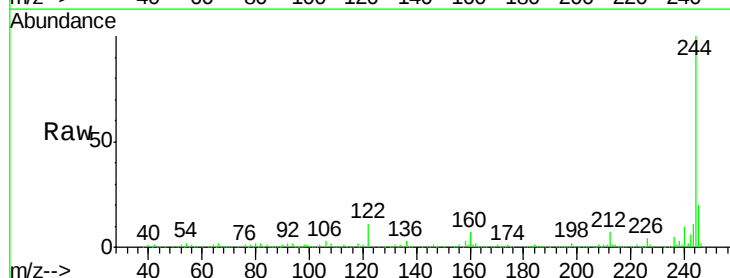
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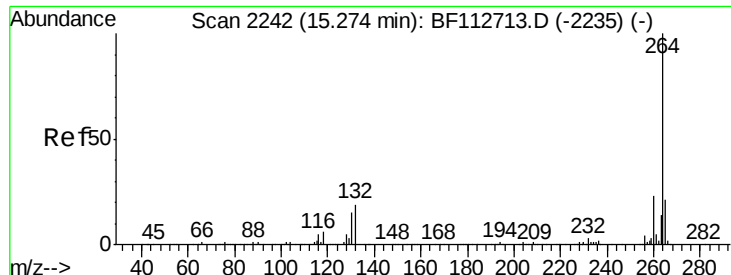
Tgt Ion:240 Resp: 346022
Ion Ratio Lower Upper
240 100
120 9.9 8.9 13.3
236 25.1 20.7 31.1



#79
Terphenyl-d14
Concen: 68.035 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113238.D
Acq: 22 Mar 2019 16:53

Tgt Ion:244 Resp: 1214417
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.6 10.5 15.7

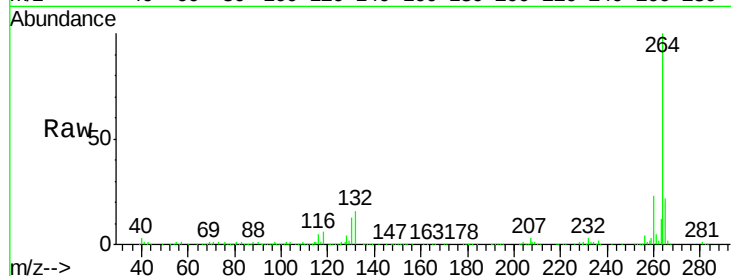




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113238.D
Acq: 22 Mar 2019 16:53

Instrument :
BNA_F
ClientSampleId :
20190142-COMPOSITE-A

Tgt Ion: 264 Resp: 310297
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

