

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113141.D
 Acq On : 19 Mar 2019 22:34
 Operator : JU/SJ
 Sample : K1971-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(1-2)-031519

Quant Time: Mar 20 02:59:50 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	127931	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	485637	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	213594	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	371016	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	283291	20.00	ng	0.00
87) Perylene-d12	15.27	264	221472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	68871	8.37	ng	-0.01
7) Phenol-d6	6.36	99	97757	9.46	ng	-0.01
23) Nitrobenzene-d5	7.28	82	52693	6.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	21071	9.29	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	116398	5.94	ng	-0.01
79) Terphenyl-d14	12.82	244	94531	6.47	ng	0.00

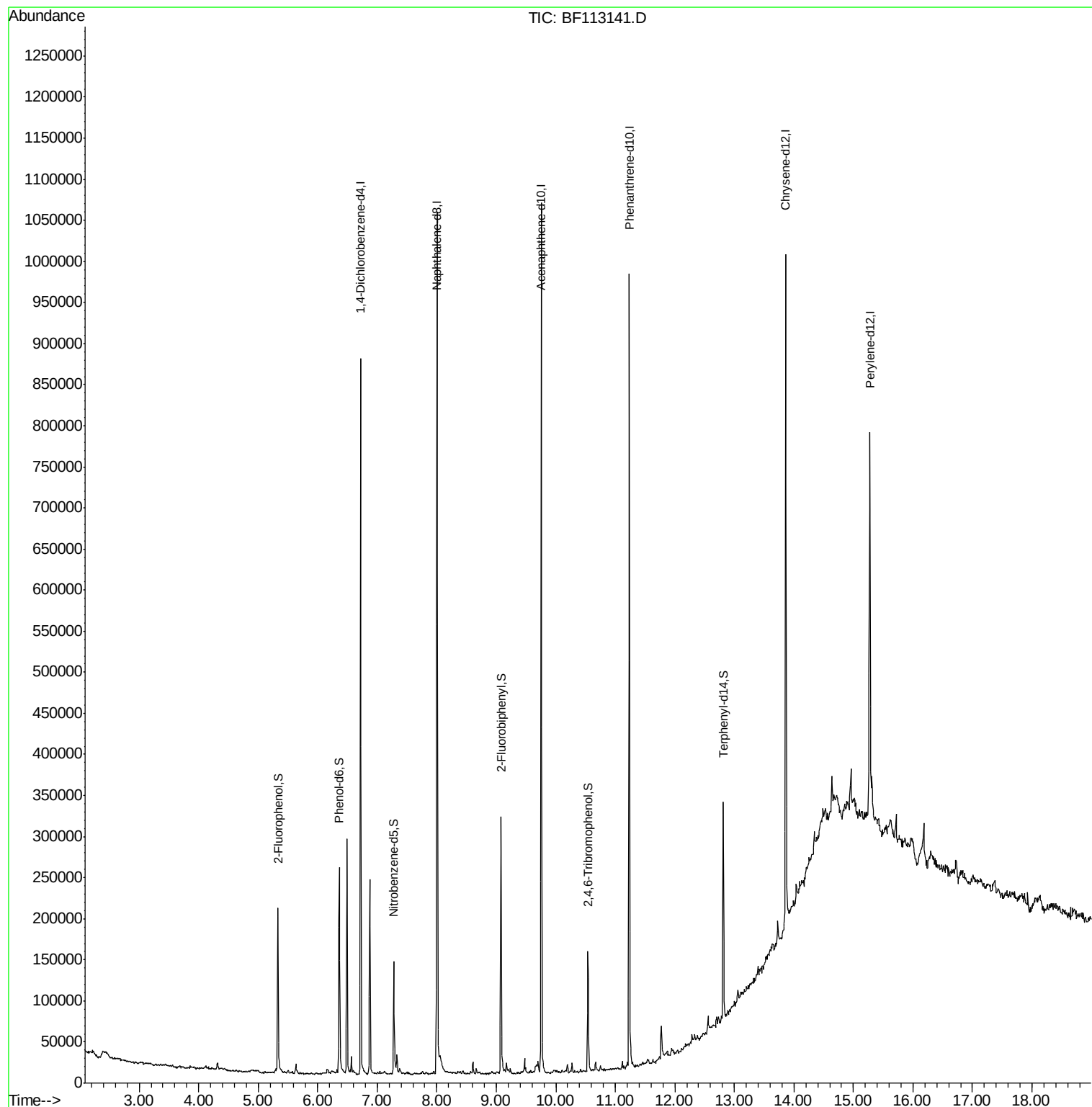
Target Compounds	Qvalue
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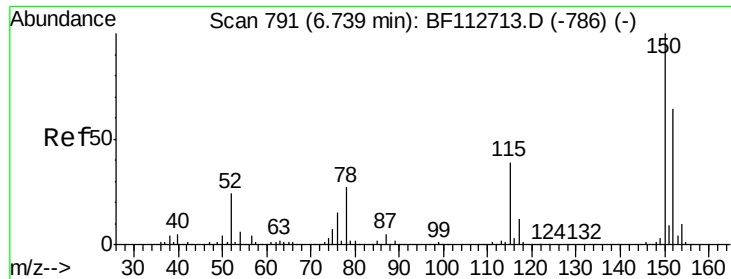
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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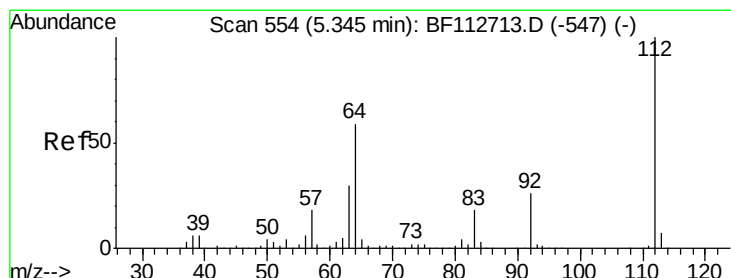
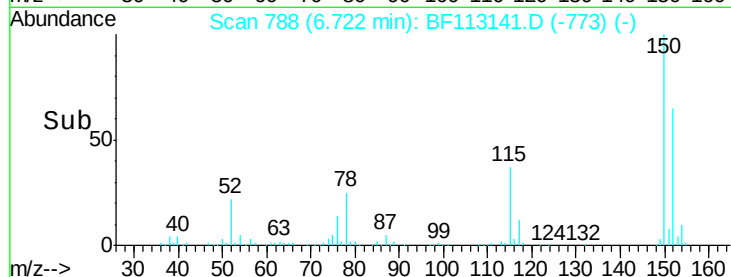
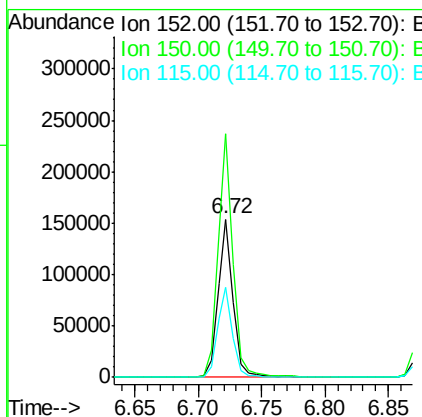
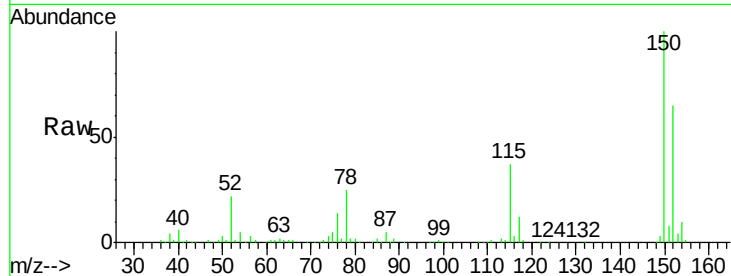


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113141.D
Acq: 19 Mar 2019 22:34

Instrument :
BNA_F
ClientSampleId :
SB-9(1-2)-031519

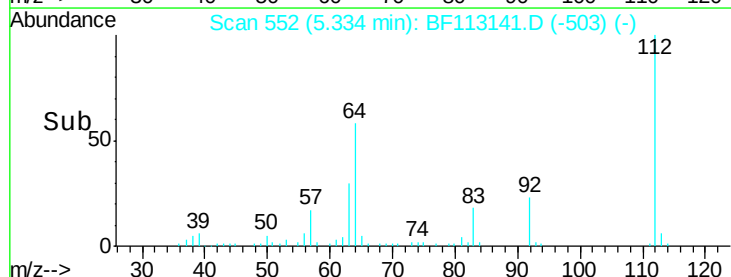
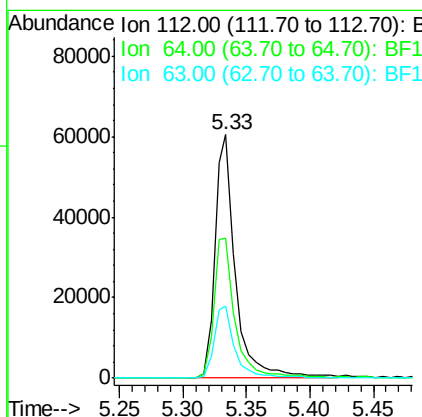
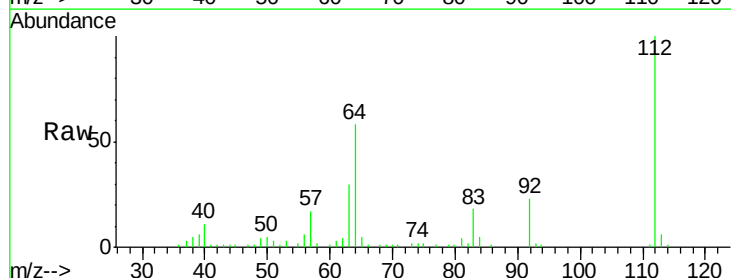
Tgt Ion:152 Resp: 127931
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 56.7 48.2 72.4

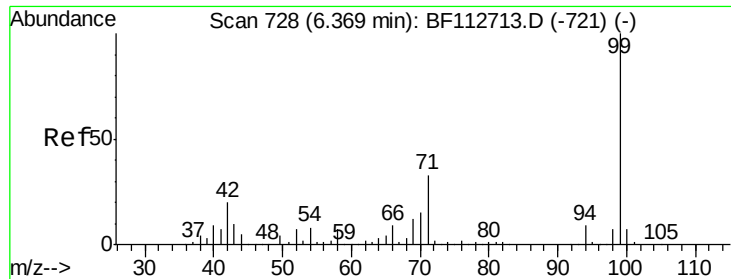


#5

2-Fluorophenol
Concen: 8.374 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113141.D
Acq: 19 Mar 2019 22:34

Tgt Ion:112 Resp: 68871
Ion Ratio Lower Upper
112 100
64 57.6 47.6 71.4
63 29.6 24.4 36.6





#7

Phenol-d6

Concen: 9.463 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113141.D

Acq: 19 Mar 2019 22:34

Instrument :

BNA_F

ClientSampleId :

SB-9(1-2)-031519

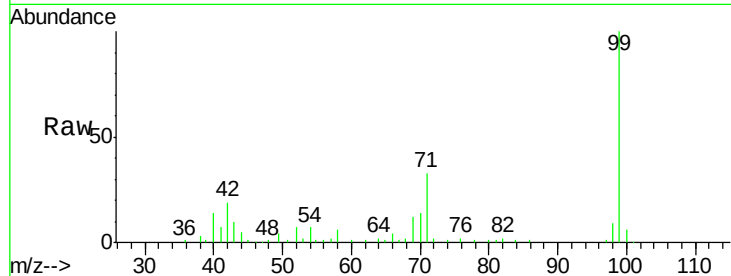
Tgt Ion: 99 Resp: 97757

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

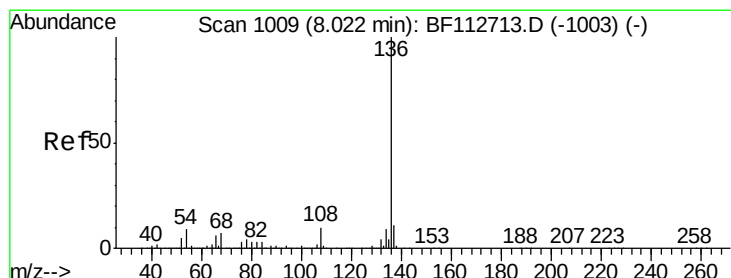
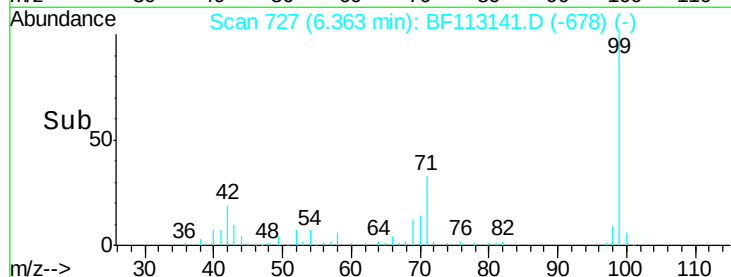
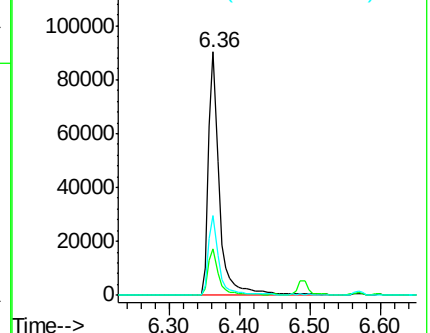
71 32.5 26.2 39.4



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# 1006

Delta R.T. -0.01 min

Lab File: BF113141.D

Acq: 19 Mar 2019 22:34

Tgt Ion: 136 Resp: 485637

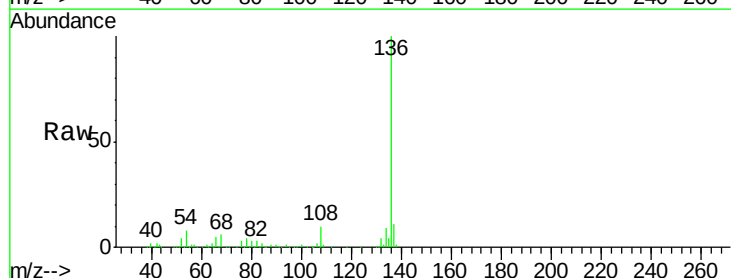
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.3 7.3 10.9

68 5.8 5.4 8.2

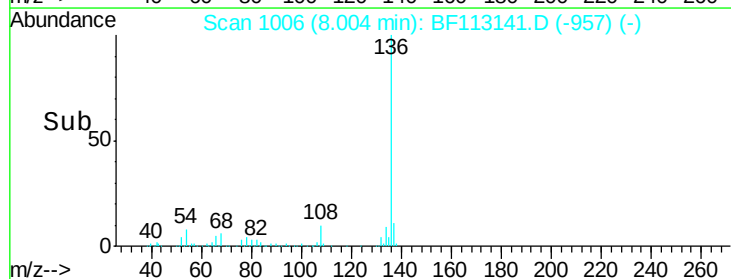
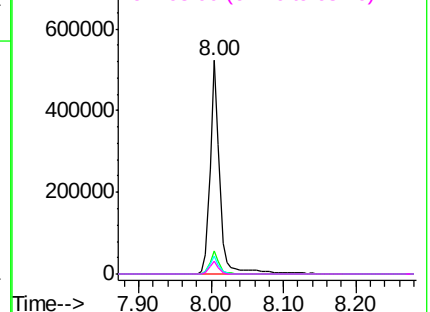


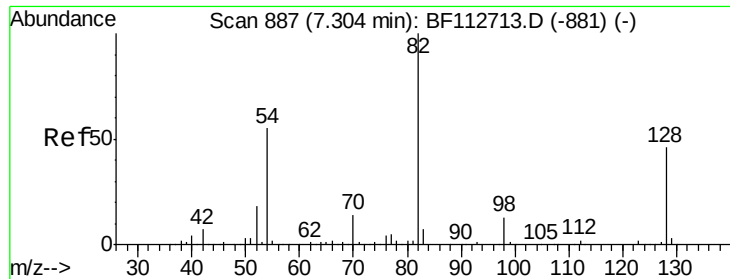
Abundance Ion 136.00 (135.70 to 136.70): E

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

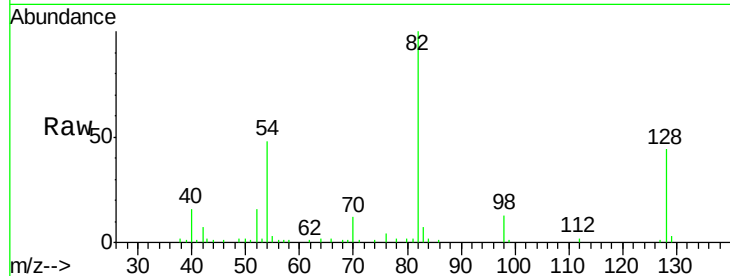




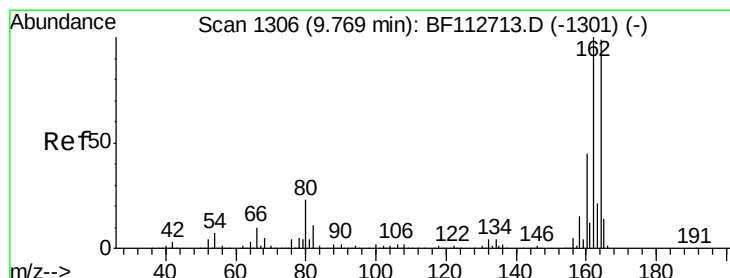
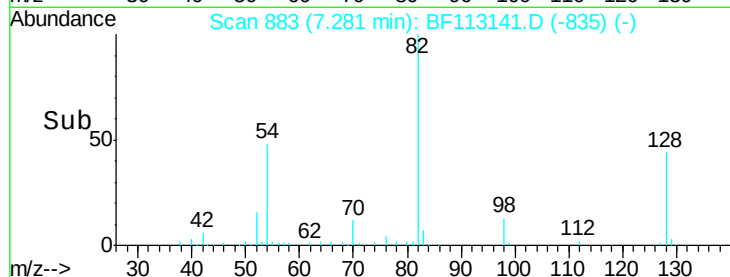
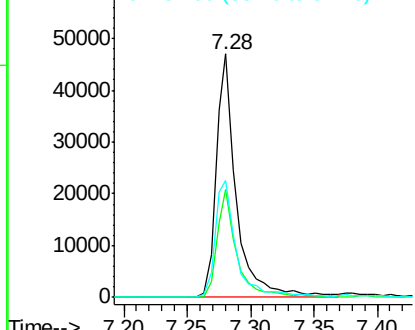
#23
 Nitrobenzene-d5
 Concen: 6.493 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113141.D
 Acq: 19 Mar 2019 22:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(1-2)-031519

Tgt Ion: 82 Resp: 52693
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.3 54.5
 54 48.1 43.7 65.5

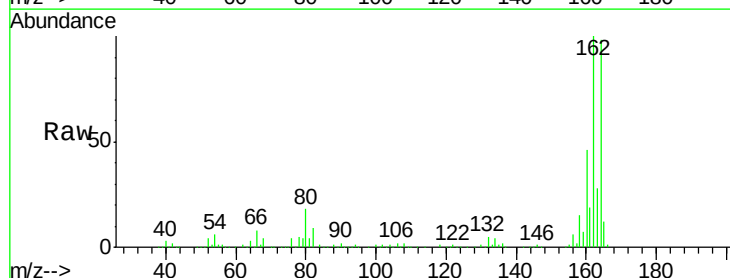


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

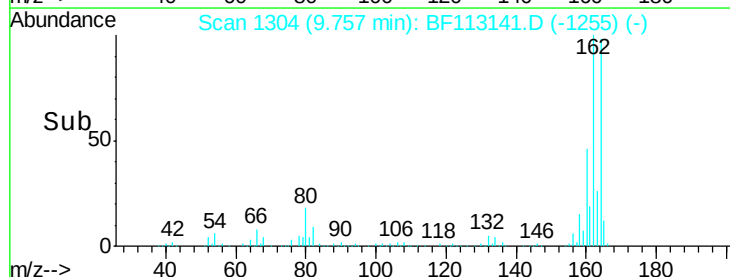
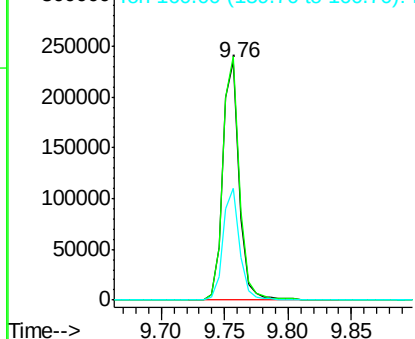


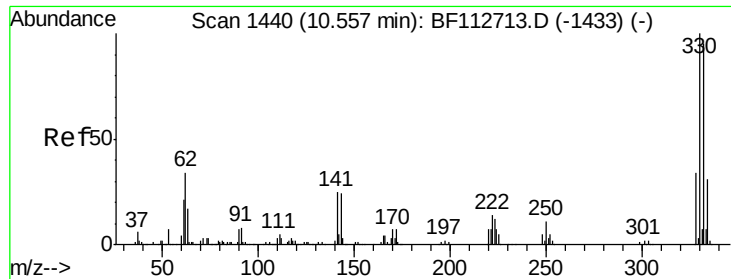
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113141.D
 Acq: 19 Mar 2019 22:34

Tgt Ion: 164 Resp: 213594
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.6 120.8
 160 46.8 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

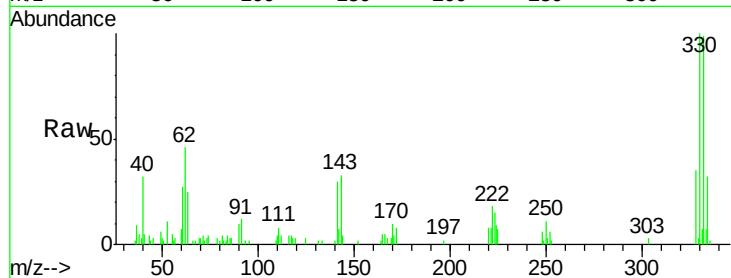




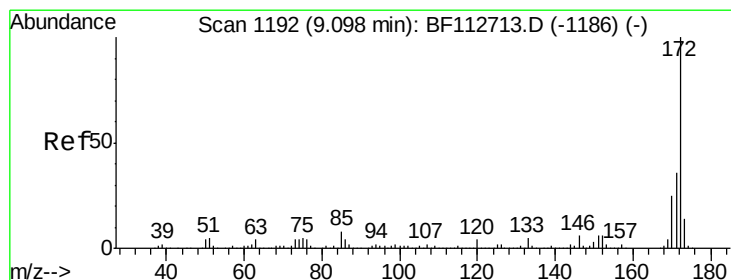
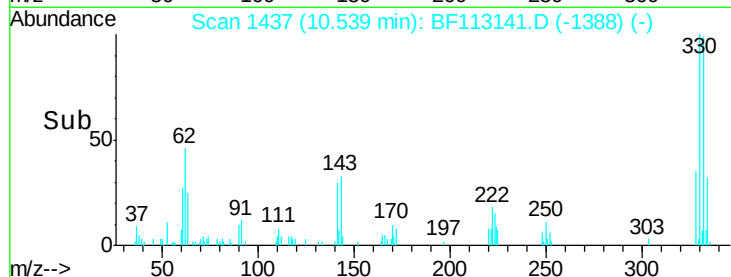
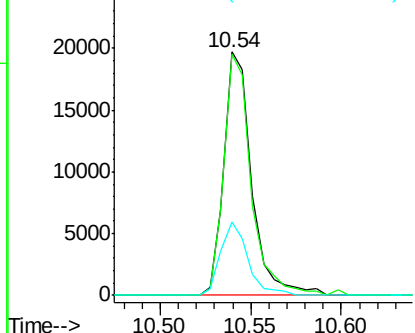
#42
 2,4,6-Tribromophenol
 Concen: 9.292 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113141.D
 Acq: 19 Mar 2019 22:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(1-2)-031519

Tgt Ion:330 Resp: 21071
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.2 114.4
 141 29.6 27.0 40.6

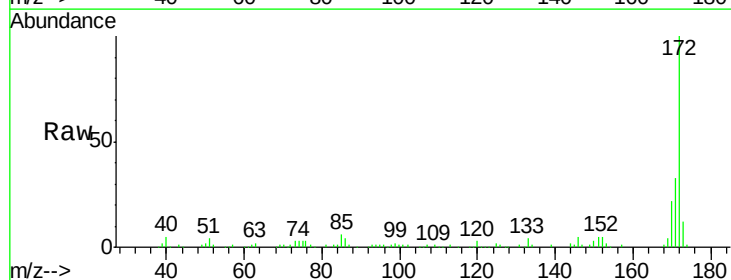


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

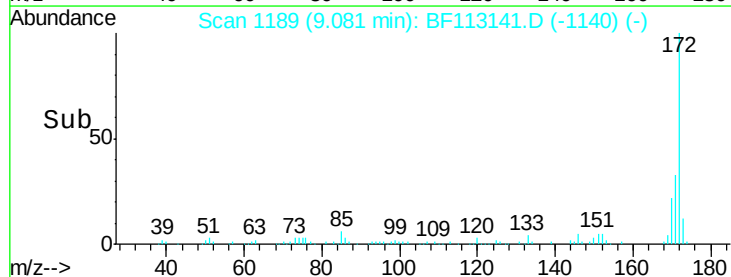
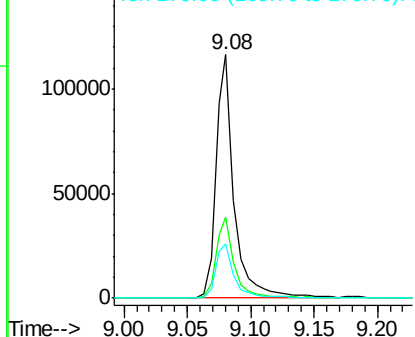


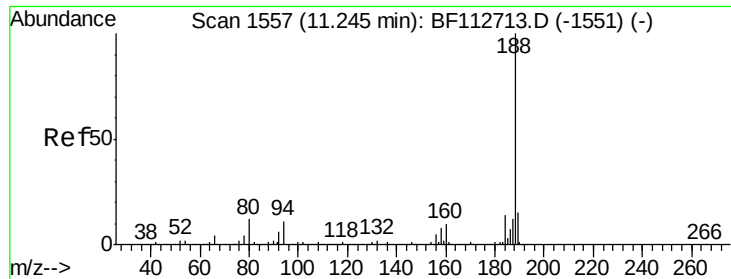
#45
 2-Fluorobiphenyl
 Concen: 5.944 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113141.D
 Acq: 19 Mar 2019 22:34

Tgt Ion:172 Resp: 116398
 Ion Ratio Lower Upper
 172 100
 171 33.3 29.0 43.4
 170 22.3 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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113141.D

Acq: 19 Mar 2019 22:34

Instrument :

BNA_F

ClientSampleId :

SB-9(1-2)-031519

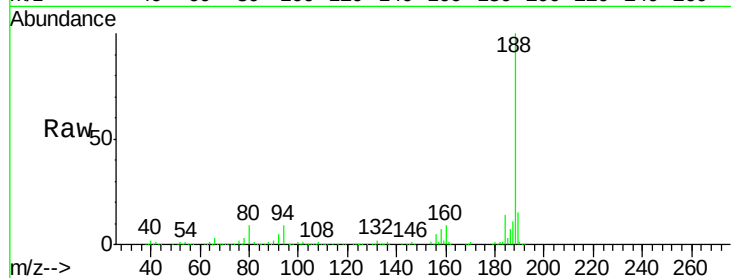
Tgt Ion:188 Resp: 371016

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

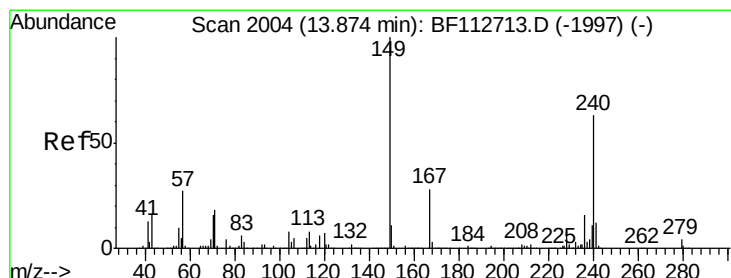
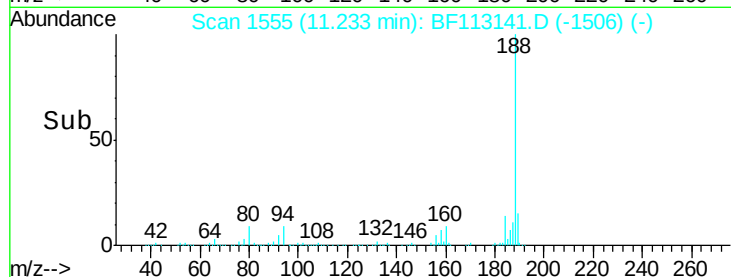
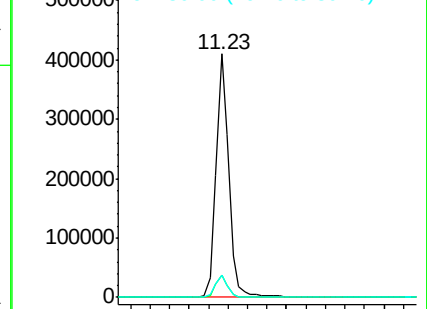
80 9.2 9.2 13.8



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# 2002

Delta R.T. -0.01 min

Lab File: BF113141.D

Acq: 19 Mar 2019 22:34

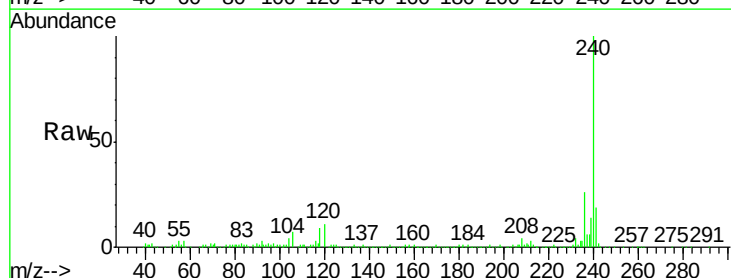
Tgt Ion:240 Resp: 283291

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

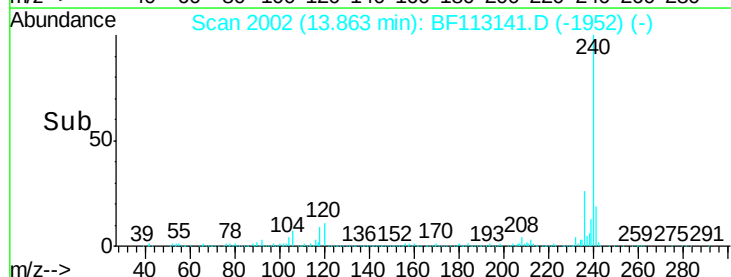
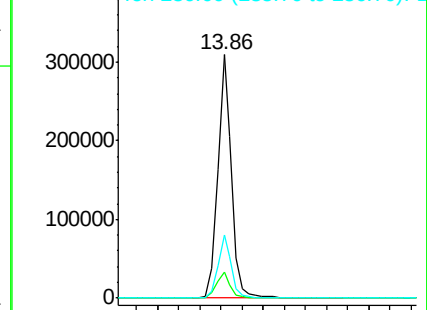
236 25.8 20.7 31.1

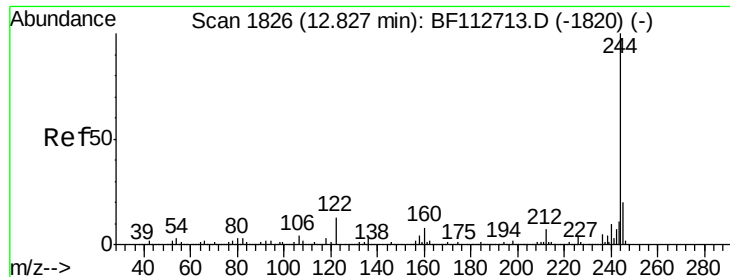


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 6.469 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113141.D

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Instrument :

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SB-9(1-2)-031519

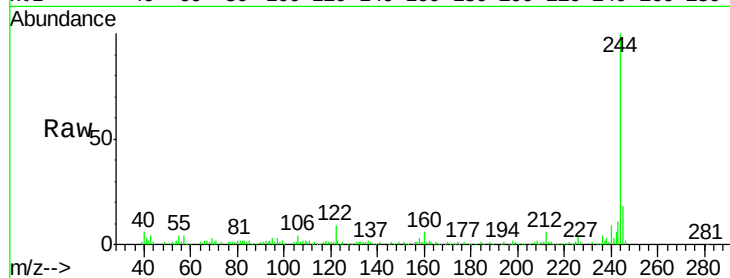
Tgt Ion:244 Resp: 94531

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

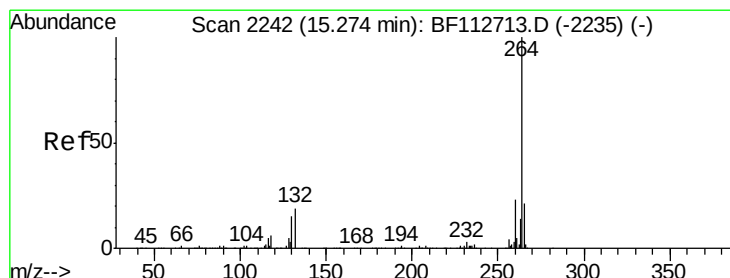
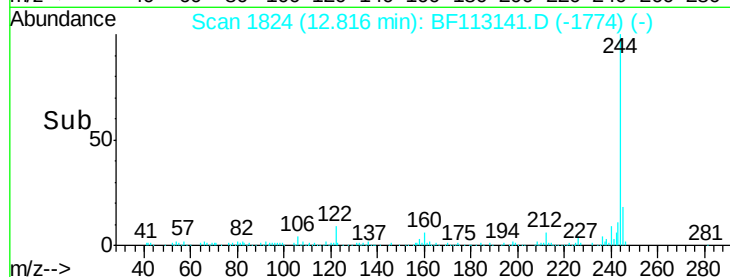
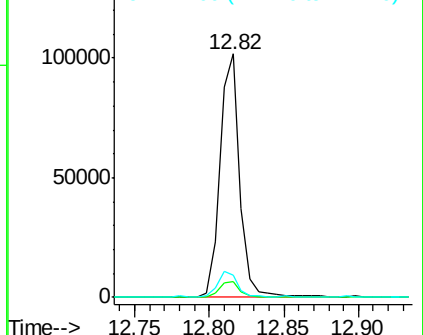
122 9.2 10.5 15.7#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113141.D

Acq: 19 Mar 2019 22:34

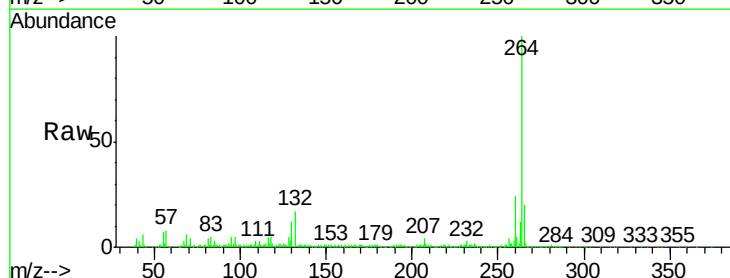
Tgt Ion:264 Resp: 221472

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 20.4 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

