

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110013.D
 Acq On : 19 Oct 2018 20:03
 Operator : JU/SJ
 Sample : J5593-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-D-B

Quant Time: Oct 20 01:40:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	209803	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	865741	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	404735	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	722463	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	514062	20.00	ng	-0.02
87) Perylene-d12	15.66	264	362783	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	542521	40.99	ng	-0.01
7) Phenol-d6	6.58	99	420377	25.58	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1302679	101.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	332011	94.75	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2238211	88.24	ng	-0.01
79) Terphenyl-d14	13.09	244	2037686	83.24	ng	-0.01

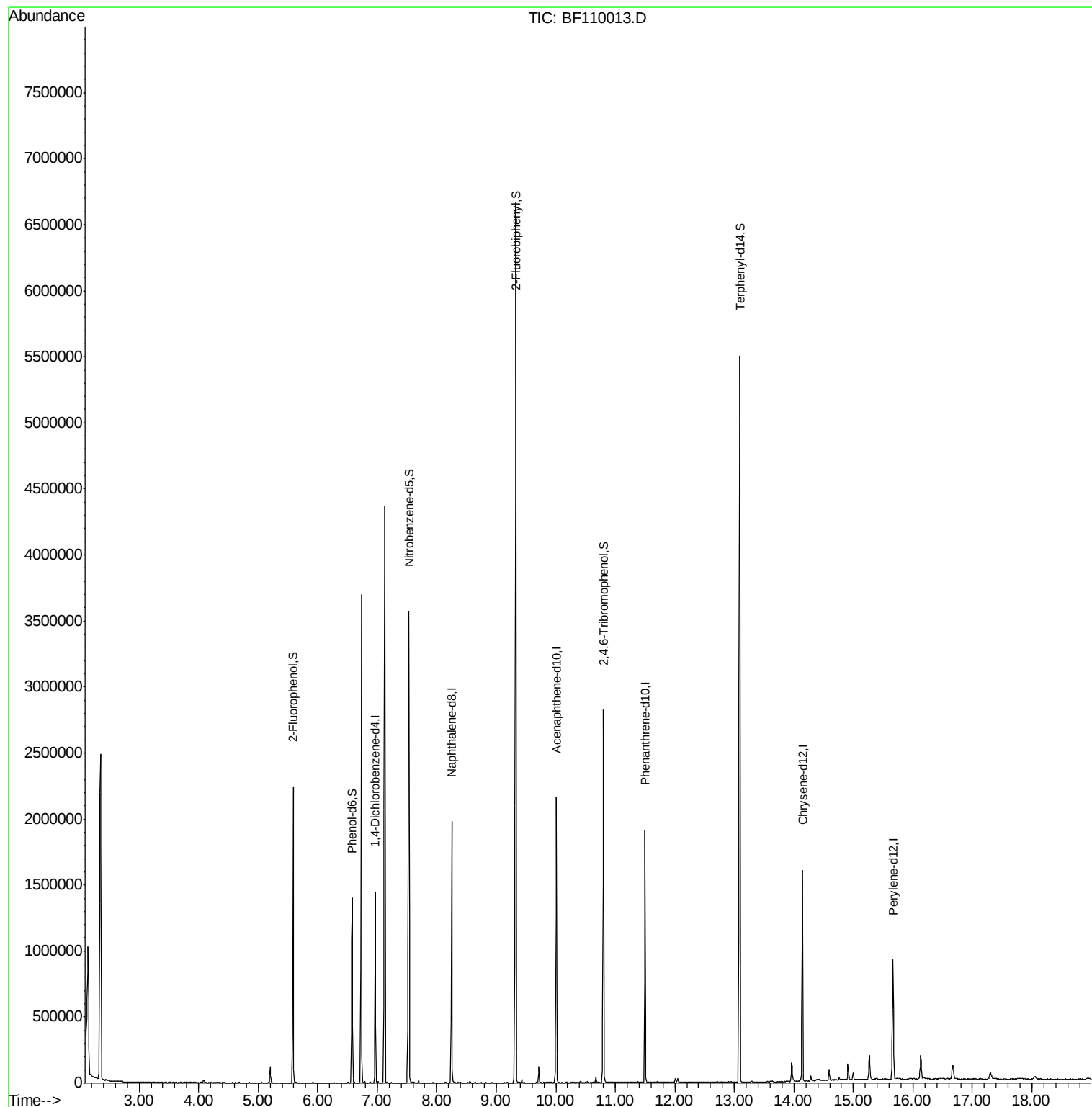
Target Compounds	Qvalue
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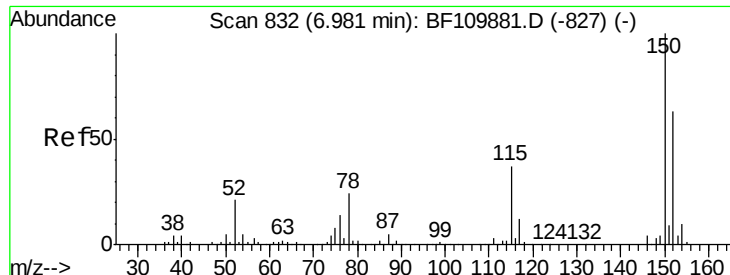
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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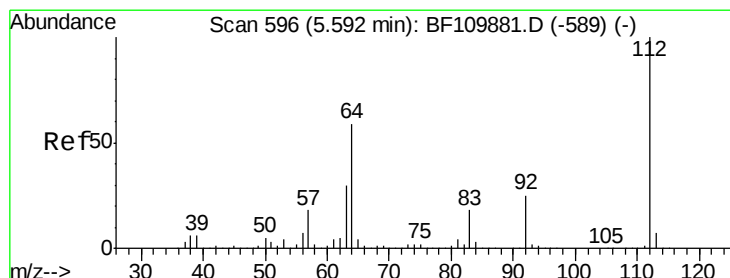
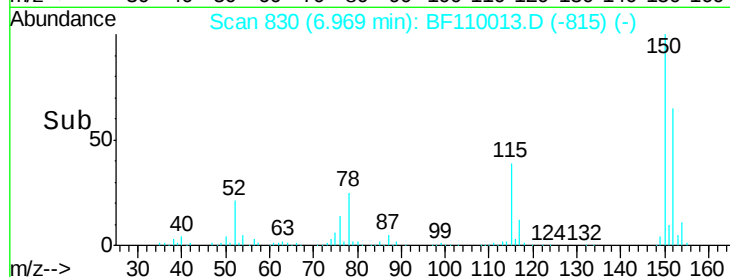
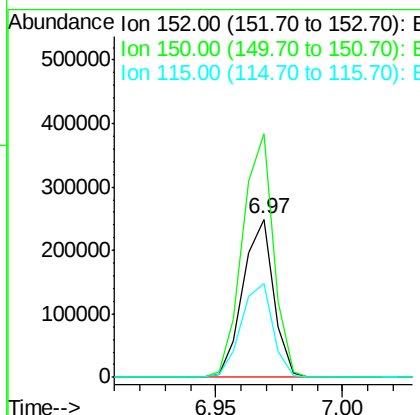
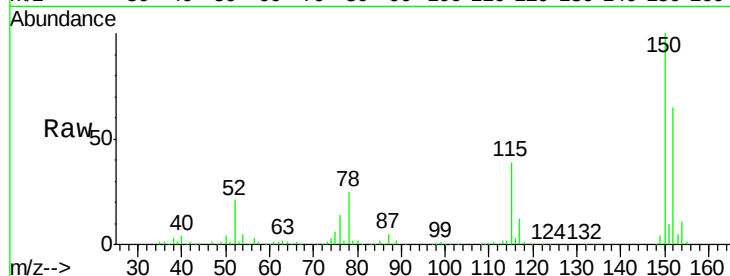




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110013.D
 Acq: 19 Oct 2018 20:03

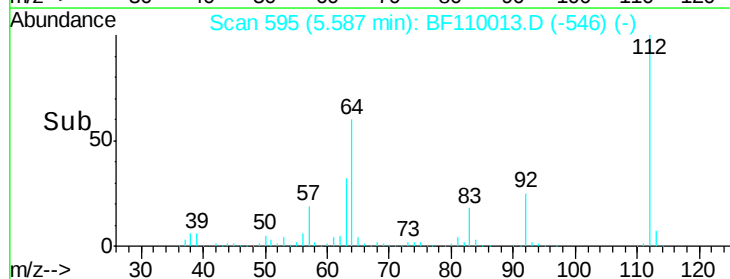
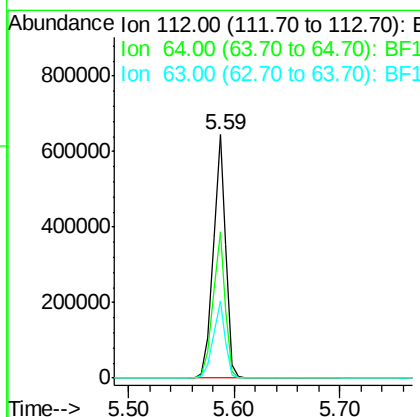
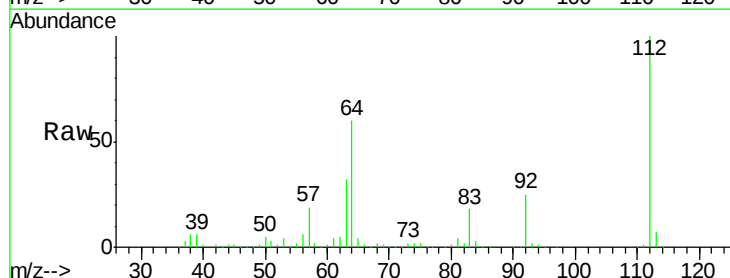
Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-D-B

Tgt Ion:152 Resp: 209803
 Ion Ratio Lower Upper
 152 100
 150 154.0 122.7 184.1
 115 59.7 49.1 73.7



#5
 2-Fluorophenol
 Concen: 40.989 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110013.D
 Acq: 19 Oct 2018 20:03

Tgt Ion:112 Resp: 542521
 Ion Ratio Lower Upper
 112 100
 64 60.3 44.1 66.1
 63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 25.578 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110013.D

Acq: 19 Oct 2018 20:03

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-D-B

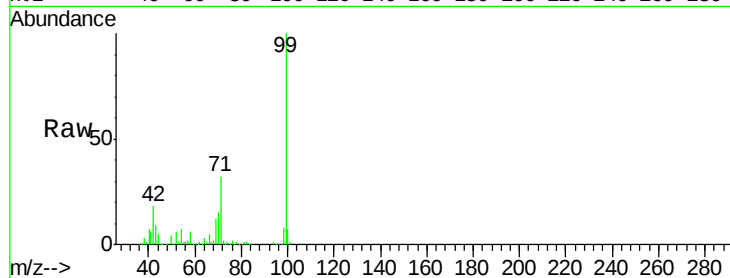
Tgt Ion: 99 Resp: 420377

Ion Ratio Lower Upper

99 100

42 17.9 15.8 23.6

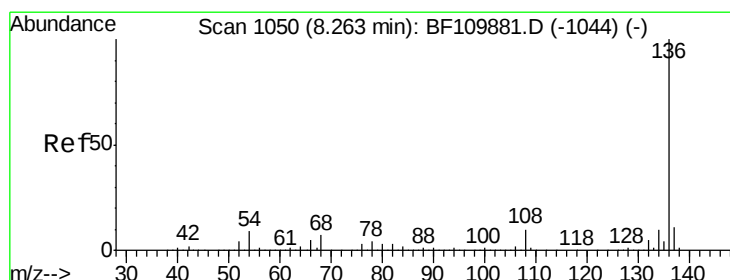
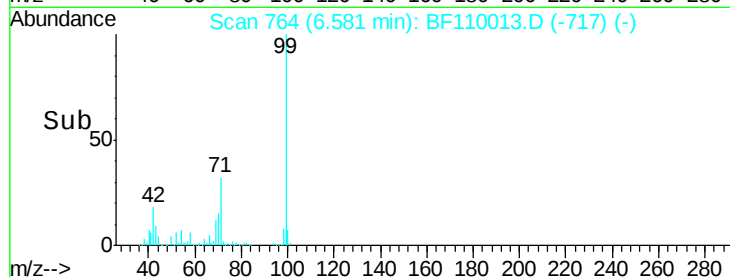
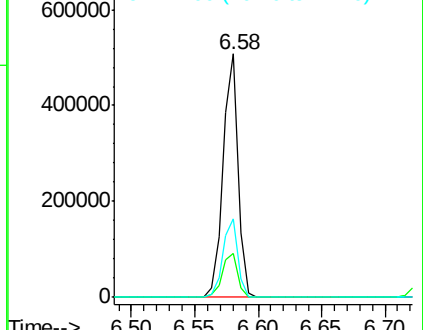
71 32.5 28.0 42.0



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110013.D

Acq: 19 Oct 2018 20:03

Tgt Ion: 136 Resp: 865741

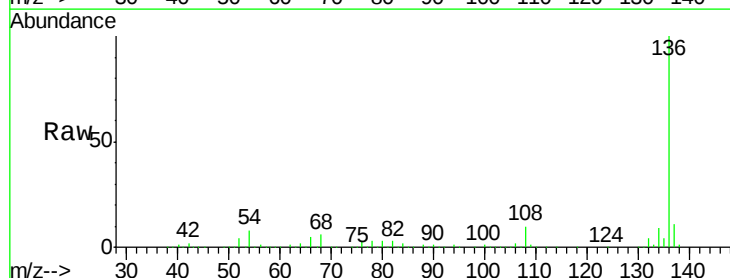
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.1 5.4 8.2

68 5.8 4.2 6.2

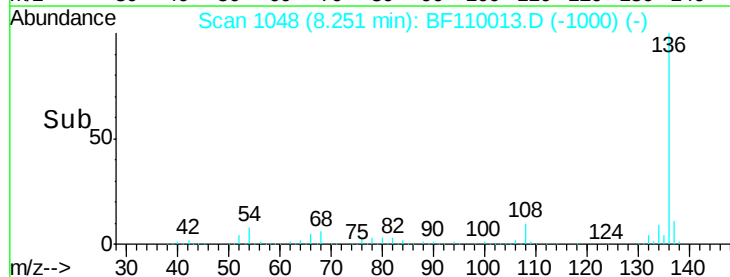
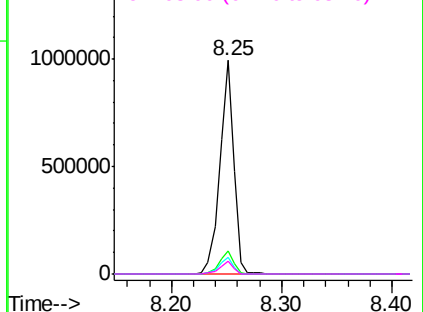


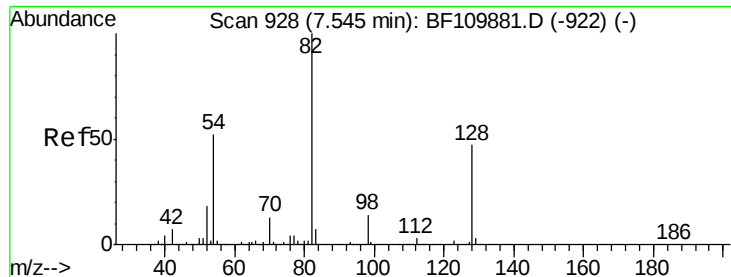
Abundance Ion 136.00 (135.70 to 136.70): E

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

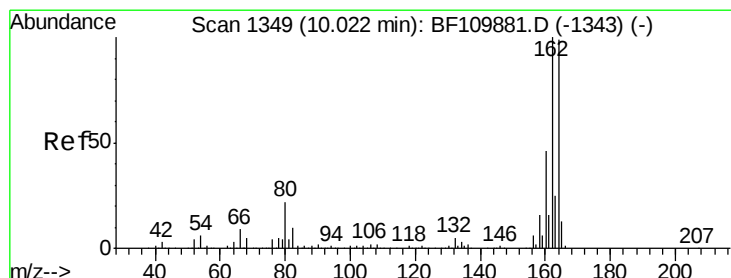
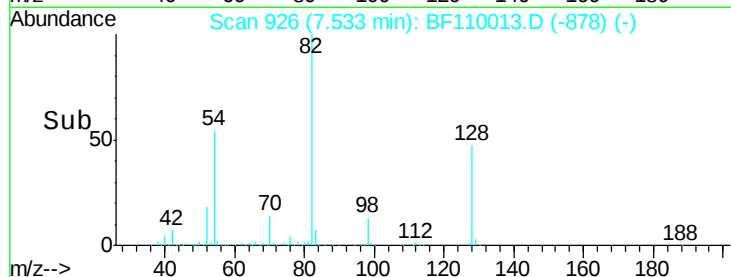
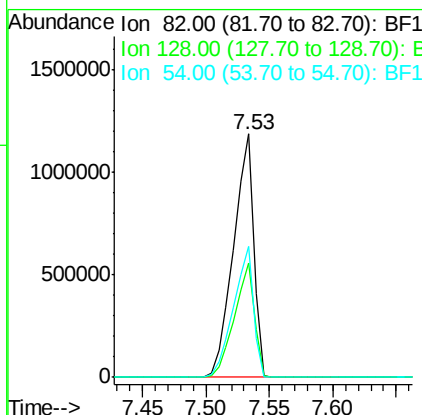
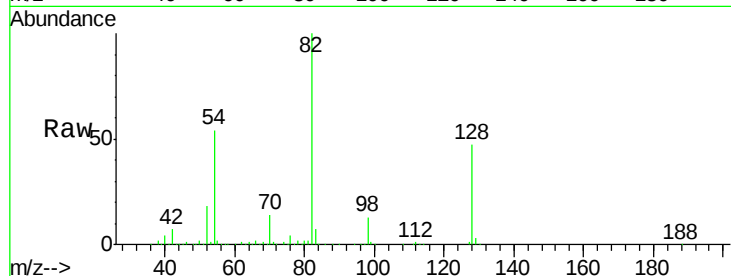




#23
 Nitrobenzene-d5
 Concen: 101.362 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110013.D
 Acq: 19 Oct 2018 20:03

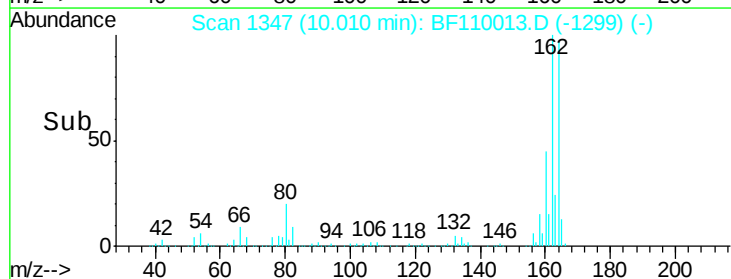
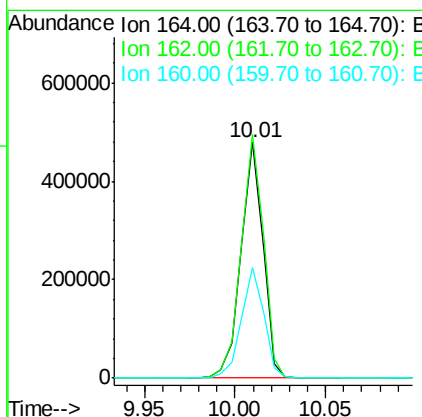
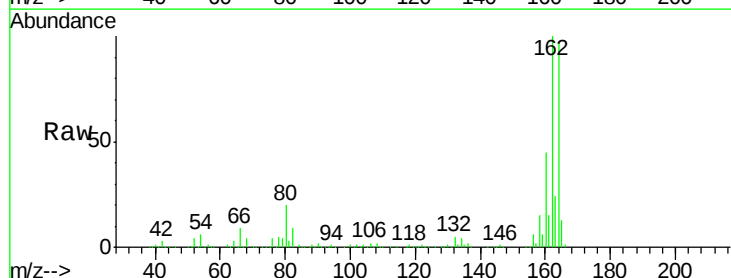
Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-D-B

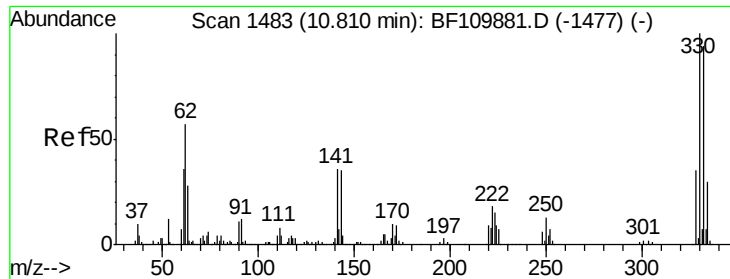
Tgt Ion: 82 Resp: 1302679
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.2 51.2
 54 53.9 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110013.D
 Acq: 19 Oct 2018 20:03

Tgt Ion: 164 Resp: 404735
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.0 124.6
 160 46.7 37.0 55.6

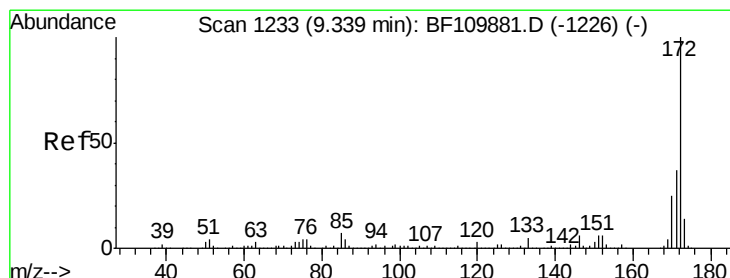
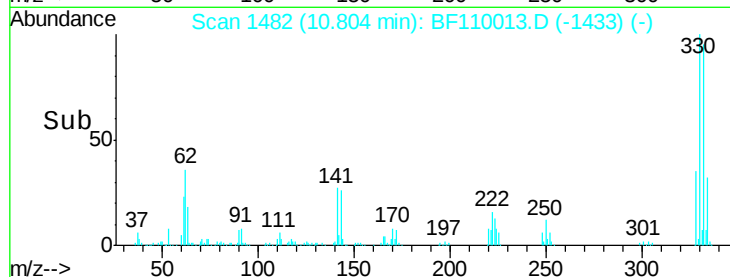
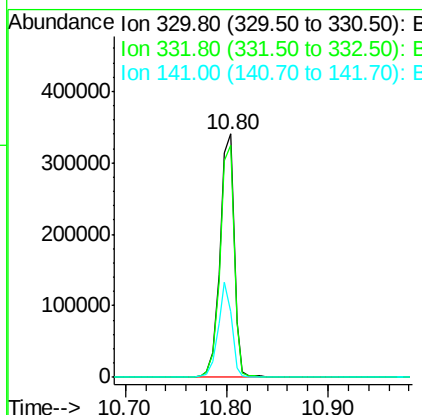
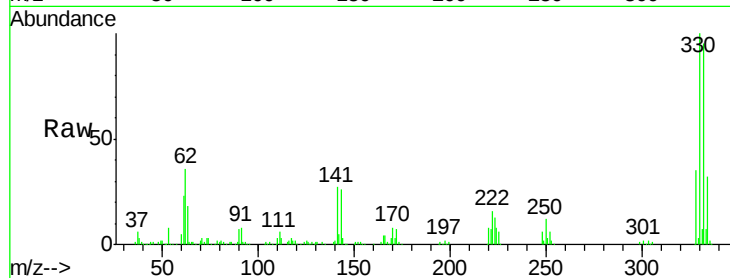




#42
 2,4,6-Tribromophenol
 Concen: 94.750 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110013.D
 Acq: 19 Oct 2018 20:03

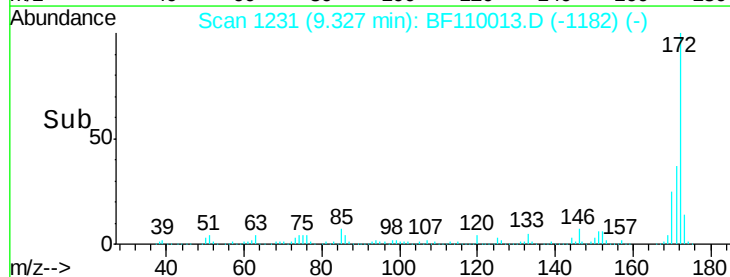
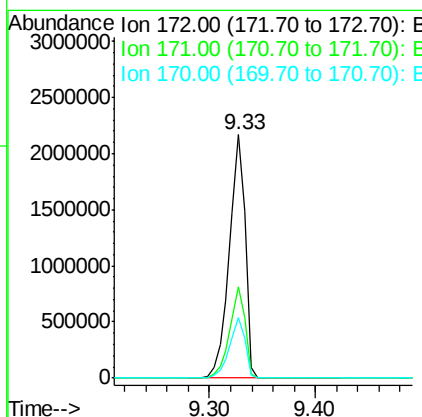
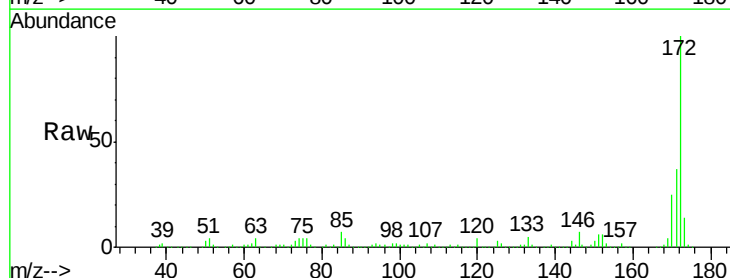
Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-D-B

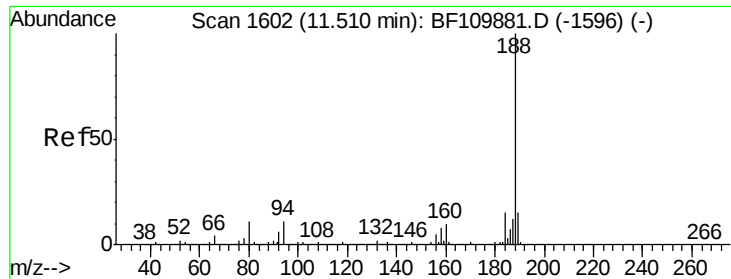
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	36.7	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 88.241 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110013.D
 Acq: 19 Oct 2018 20:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	43.0
170	24.7	19.7	29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF110013.D

Acq: 19 Oct 2018 20:03

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-D-B

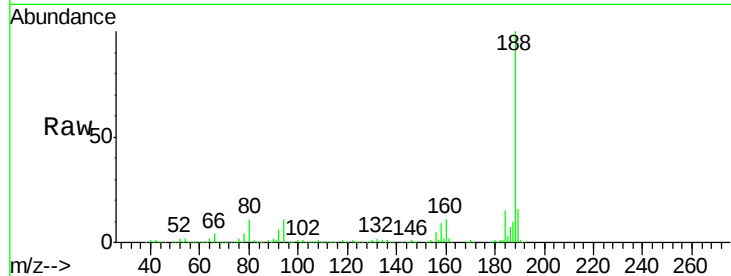
Tgt Ion:188 Resp: 722463

Ion Ratio Lower Upper

188 100

94 11.1 7.2 10.8#

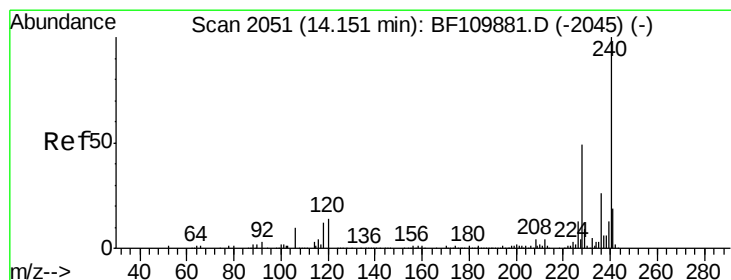
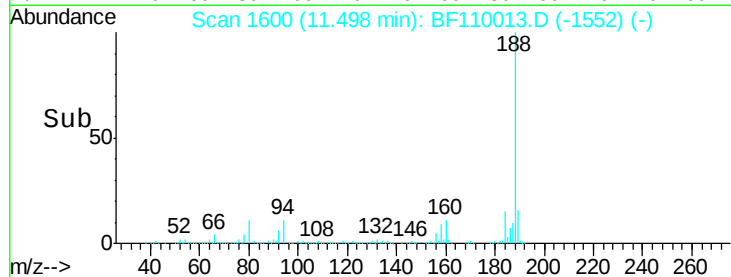
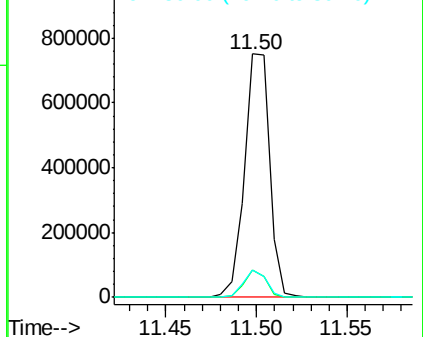
80 11.3 7.9 11.9



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: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF110013.D

Acq: 19 Oct 2018 20:03

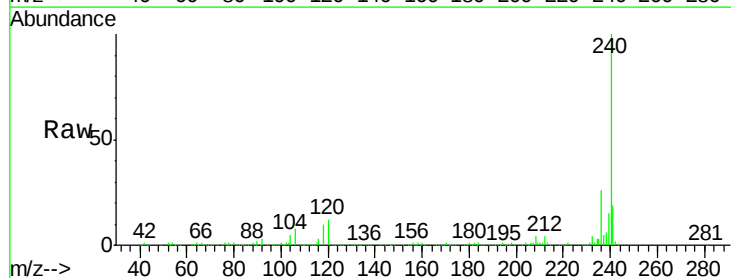
Tgt Ion:240 Resp: 514062

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

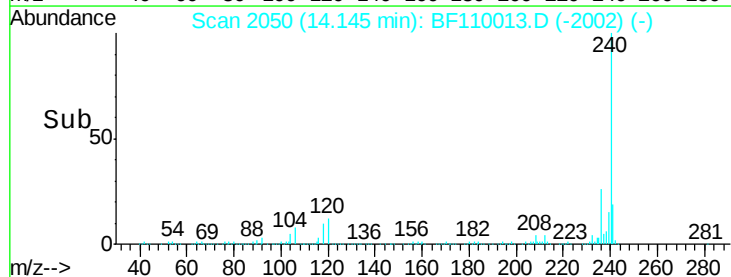
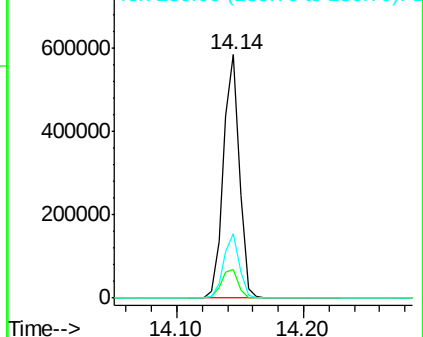
236 26.2 21.2 31.8

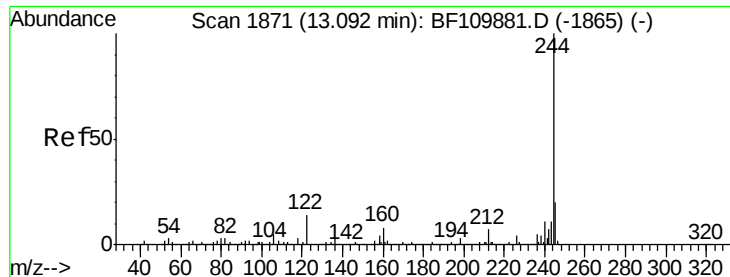


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

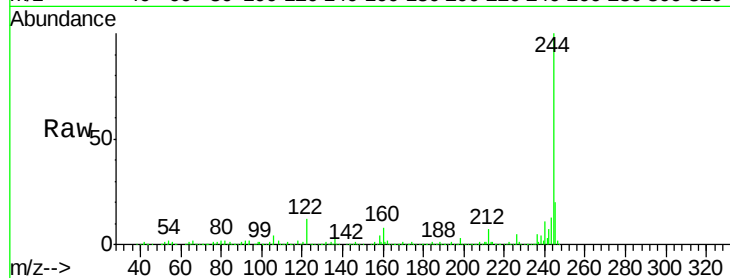




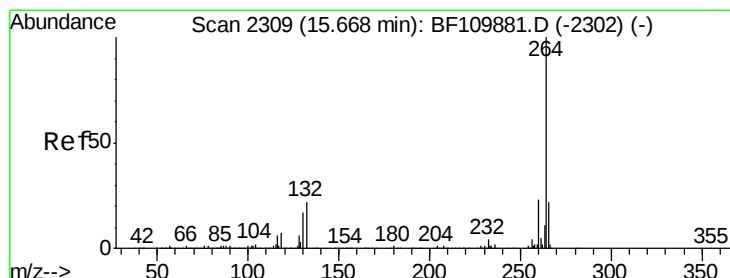
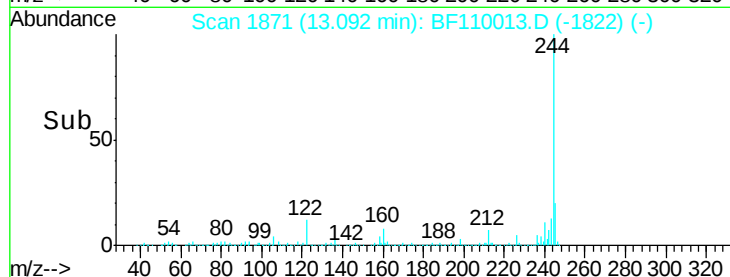
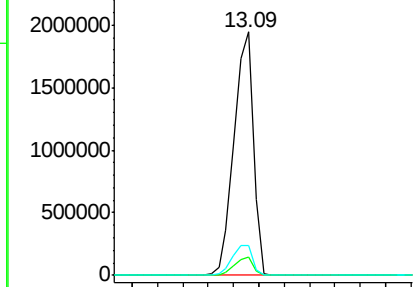
#79
 Terphenyl-d14
 Concen: 83.239 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110013.D
 Acq: 19 Oct 2018 20:03

Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-D-B

Tgt Ion:244 Resp: 2037686
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.0 8.7 13.1

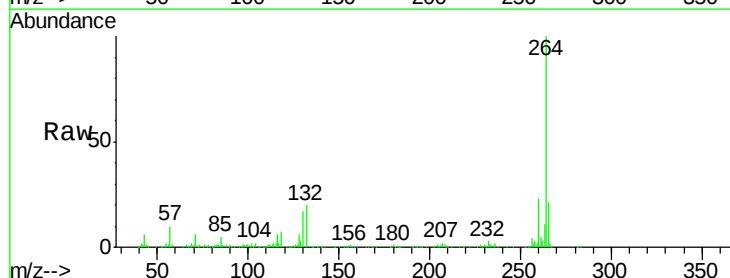


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.03 min
 Lab File: BF110013.D
 Acq: 19 Oct 2018 20:03

Tgt Ion:264 Resp: 362783
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.7 28.1
 265 20.8 16.7 25.1



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

