

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110240.D
 Acq On : 27 Oct 2018 5:05
 Operator : JU/SJ
 Sample : J5686-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102418-SIDI-F-U-S

Quant Time: Oct 27 06:40:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132693	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	492872	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	192358	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	297433	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	215798	20.00	ng	-0.01
87) Perylene-d12	15.67	264	142134	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	349395	42.88	ng	-0.01
7) Phenol-d6	6.58	99	267554	25.67	ng	-0.02
23) Nitrobenzene-d5	7.53	82	822735	99.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	138974	72.94	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1302223	106.30	ng	-0.01
79) Terphenyl-d14	13.09	244	1019927	98.29	ng	-0.01

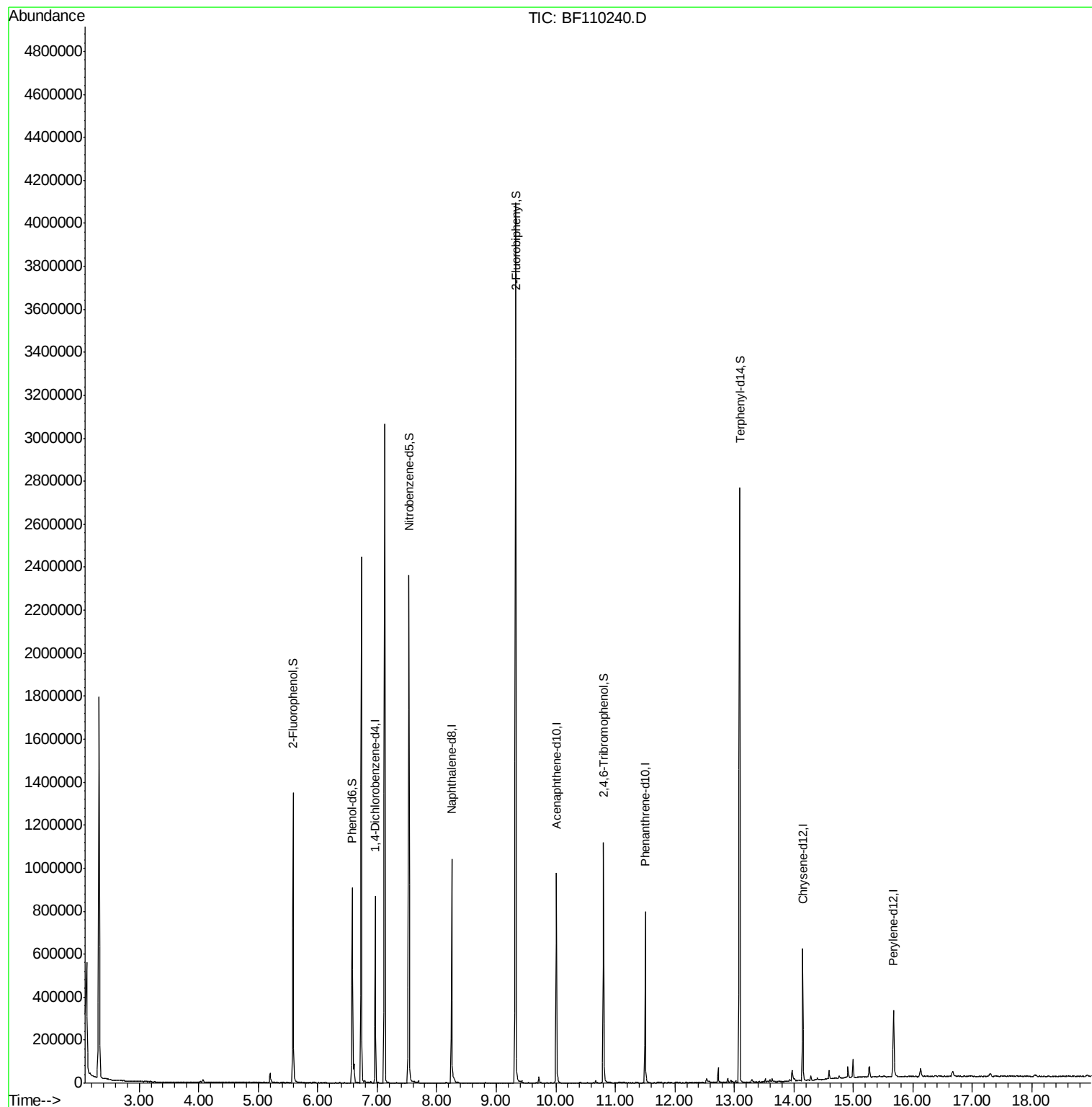
Target Compounds Qvalue

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

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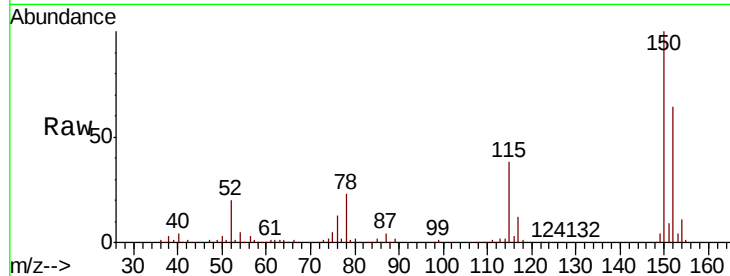




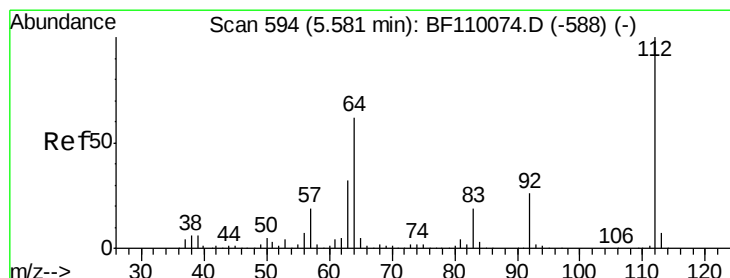
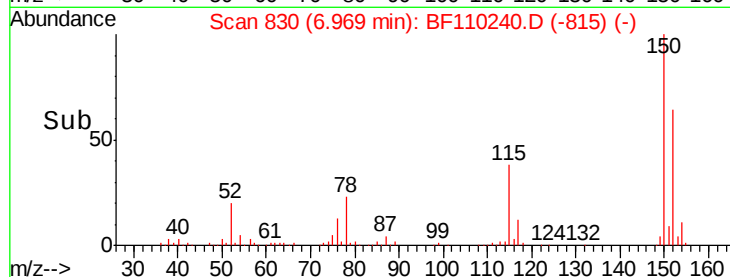
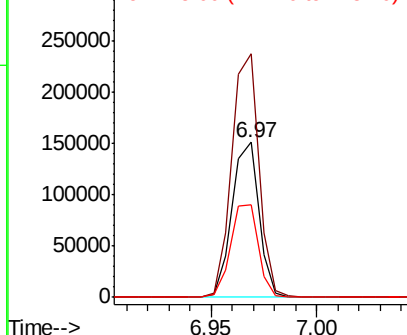
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 102418-SIDI-F-U-S

Tot Ion:152 Resp: 132693
 Ion Ratio Lower Upper
 152 100
 150 156.9 122.7 184.1
 115 59.7 49.1 73.7

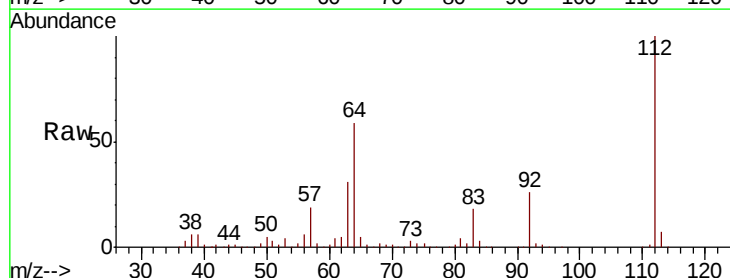


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

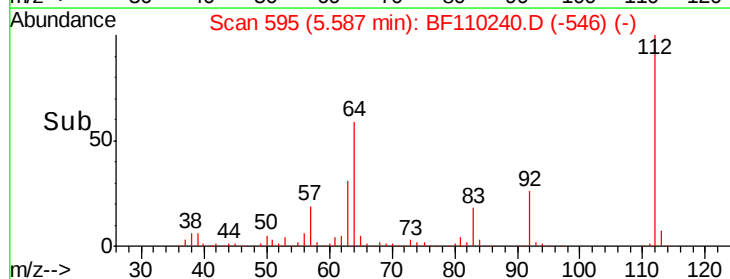
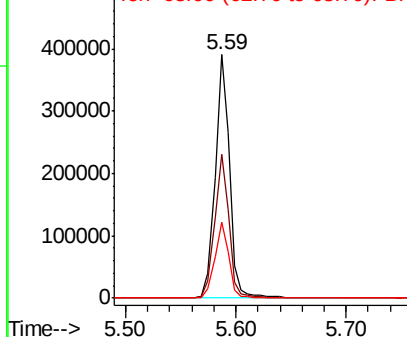


#5
 2-Fluorophenol
 Concen: 42.879 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Tgt Ion:112 Resp: 349395
 Ion Ratio Lower Upper
 112 100
 64 58.9 44.1 66.1
 63 31.2 23.7 35.5



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: 25.671 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

Instrument :

BNA_F

ClientSampleId :

102418-SIDI-F-U-S

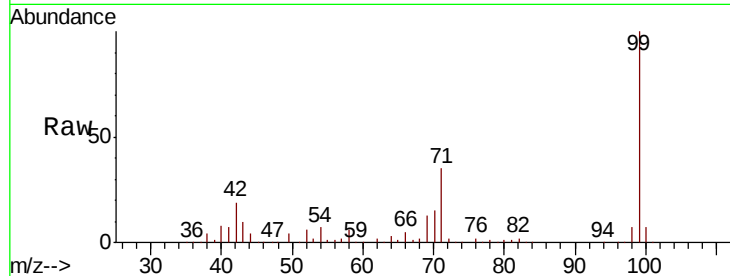
Tot Ion: 99 Resp: 267554

Ion Ratio Lower Upper

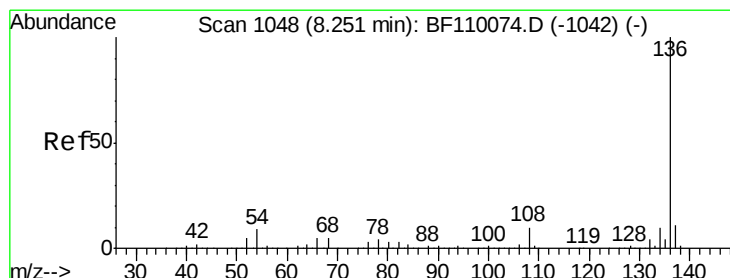
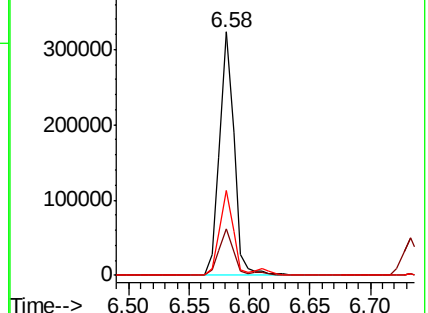
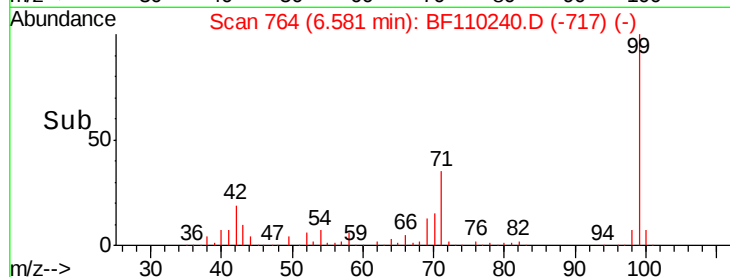
99 100

42 18.9 15.8 23.6

71 34.9 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: BF110240.D

Acq: 27 Oct 2018 5:05

Tgt Ion: 136 Resp: 492872

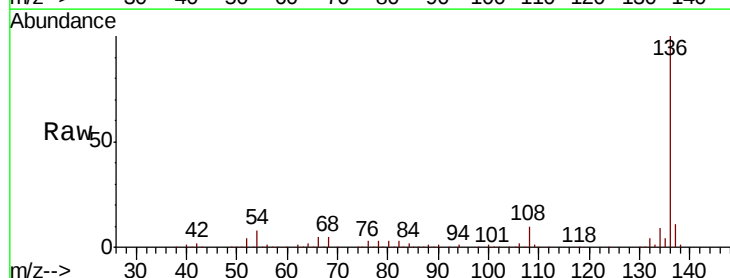
Ion Ratio Lower Upper

136 100

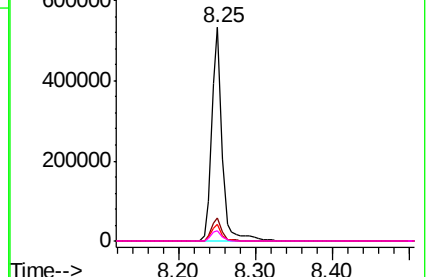
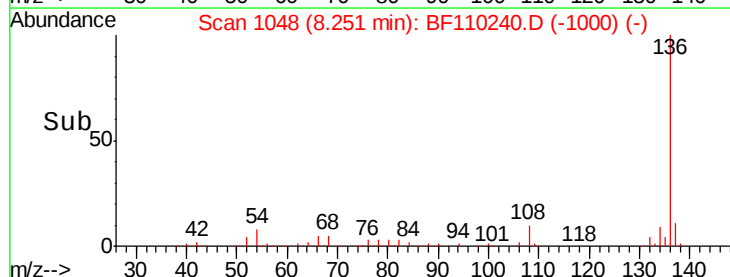
137 11.1 8.8 13.2

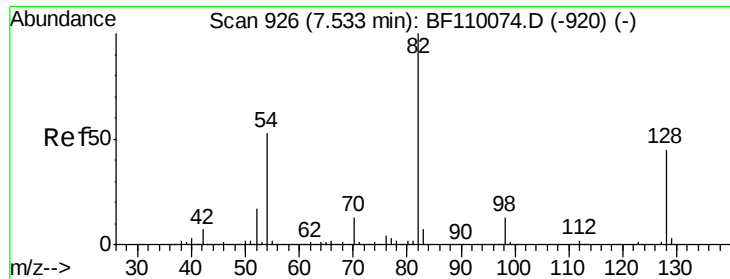
54 7.7 5.4 8.2

68 5.0 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

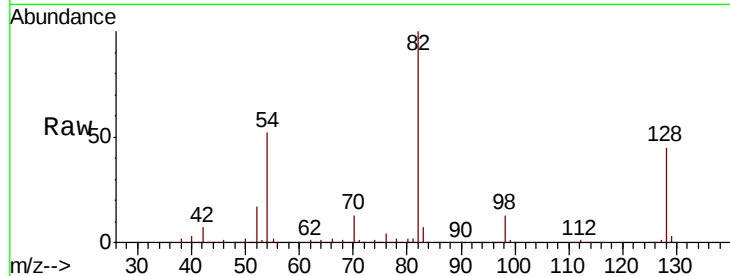




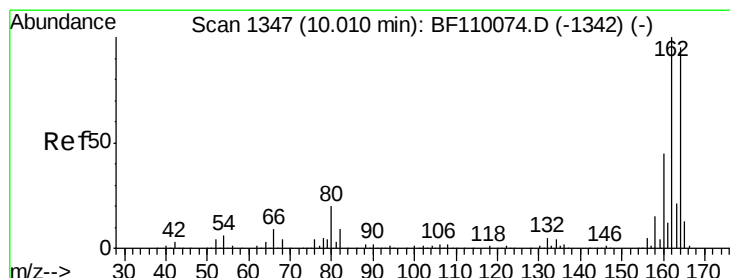
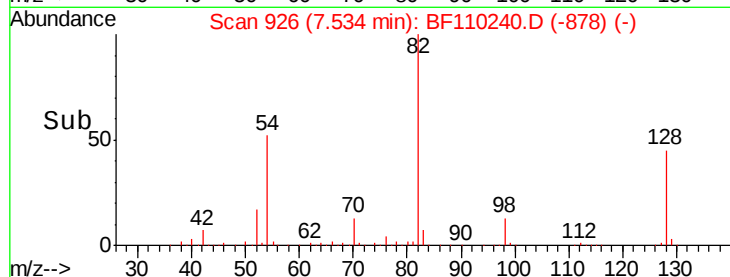
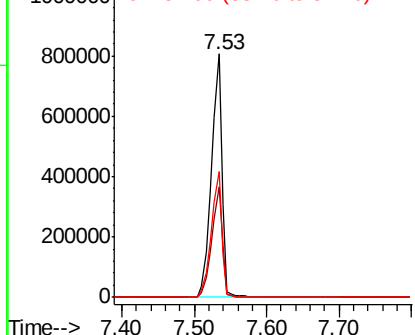
#23
 Nitrobenzene-d5
 Concen: 99.010 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 102418-SIDI-F-U-S

Tot Ion	82	Resp	822735
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.2	51.2
54	51.5	38.6	58.0

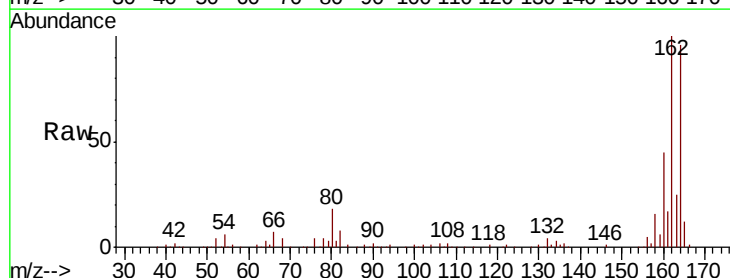


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

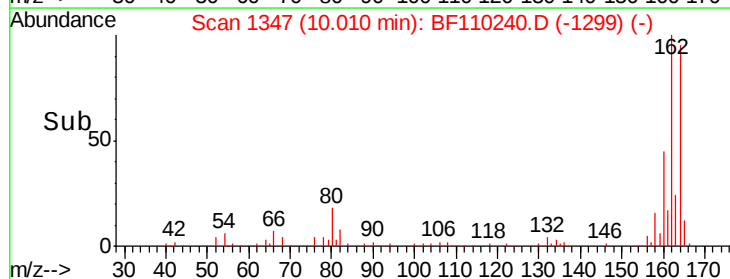
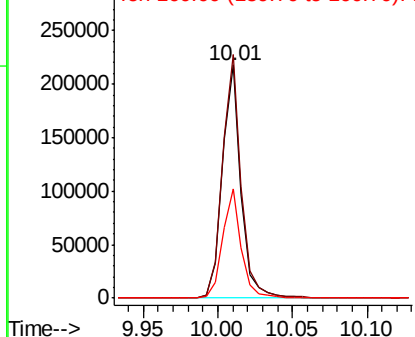


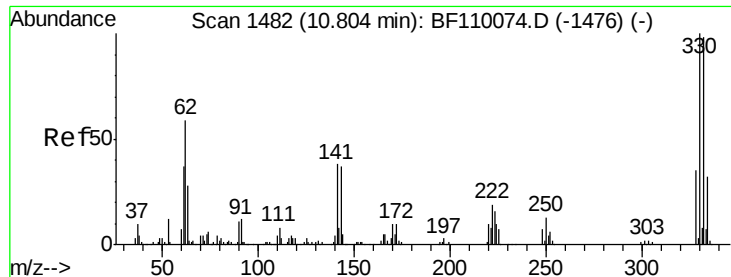
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Tgt Ion	164	Resp	192358
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.0	124.6
160	46.8	37.0	55.6



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

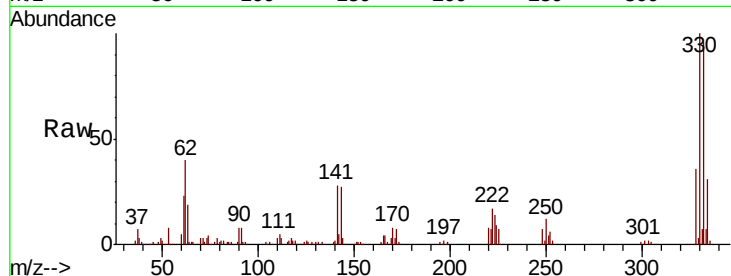




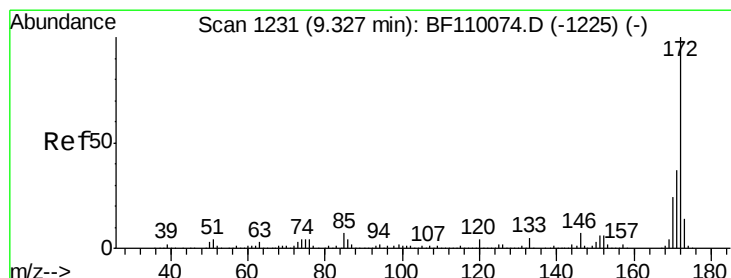
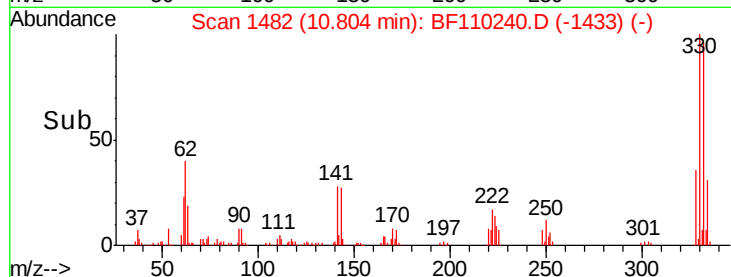
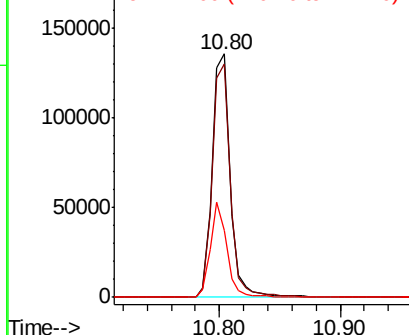
#42
 2,4,6-Tribromophenol
 Concen: 72.936 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Instrument :
 BNA_F
 ClientSampleId :
 102418-SIDI-F-U-S

Tot Ion:330 Resp: 138974
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 36.1 27.0 40.4

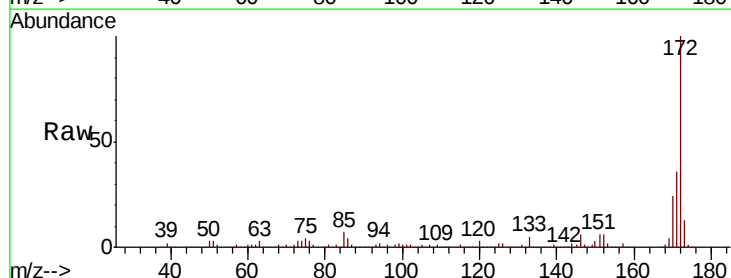


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

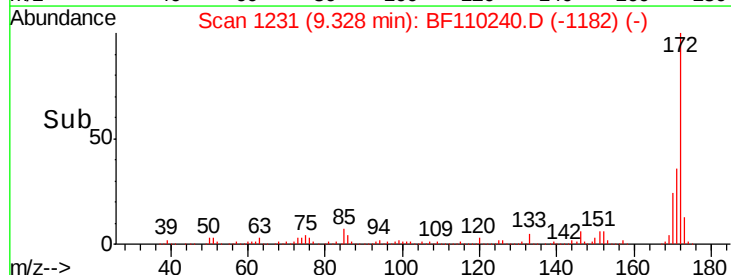
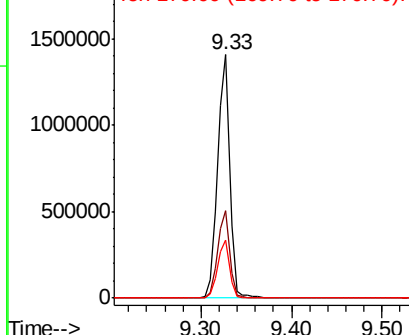


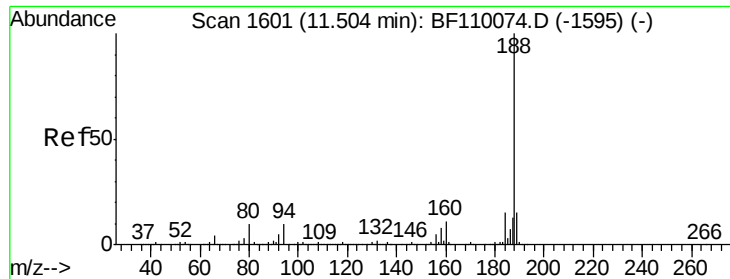
#45
 2-Fluorobiphenyl
 Concen: 106.303 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110240.D
 Acq: 27 Oct 2018 5:05

Tgt Ion:172 Resp: 1302223
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.7 19.7 29.5



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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

Instrument :

BNA_F

ClientSampleId :

102418-SIDI-F-U-S

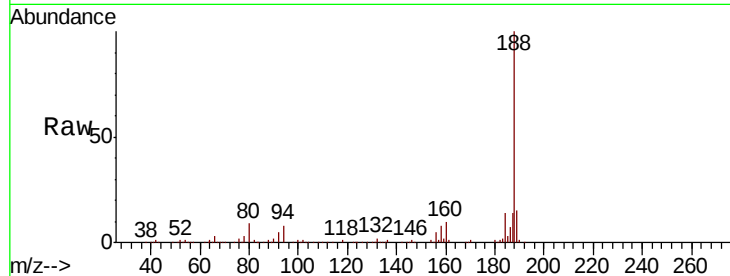
Tot Ion:188 Resp: 297433

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

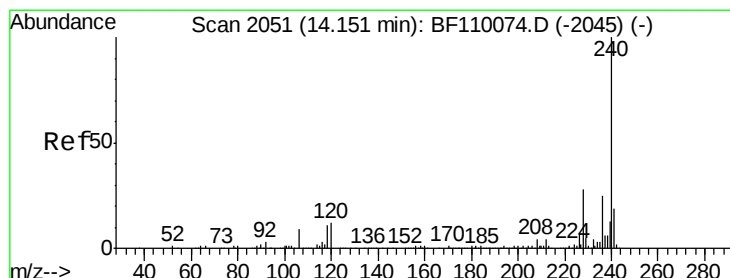
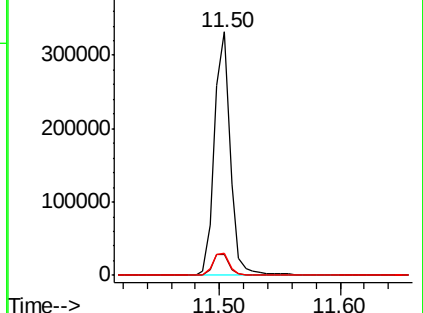
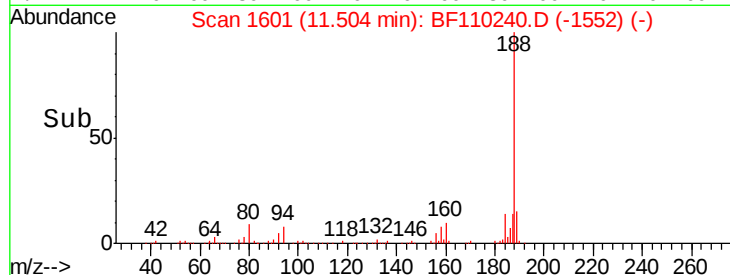
80 9.1 7.9 11.9



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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

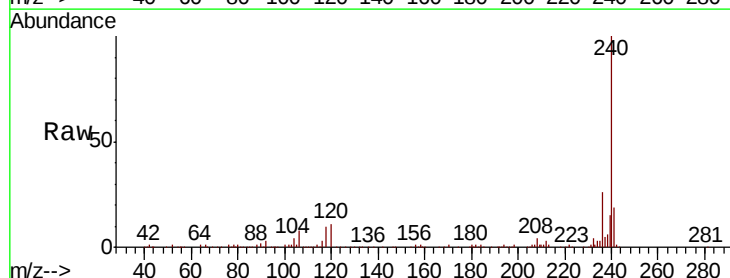
Tgt Ion:240 Resp: 215798

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

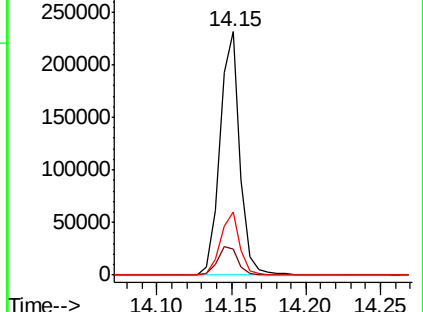
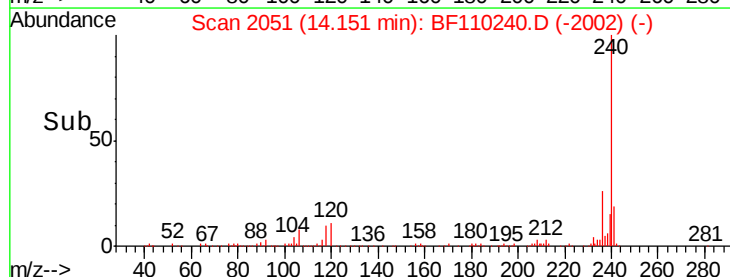
236 25.7 21.2 31.8

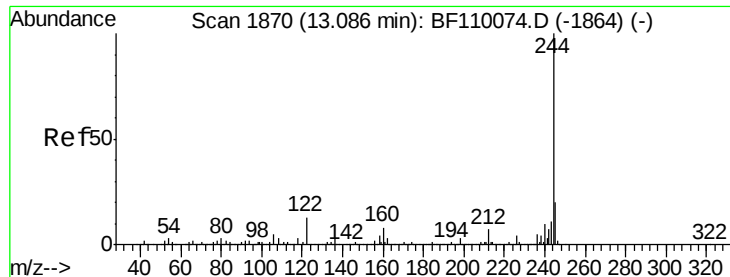


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.293 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

Instrument :

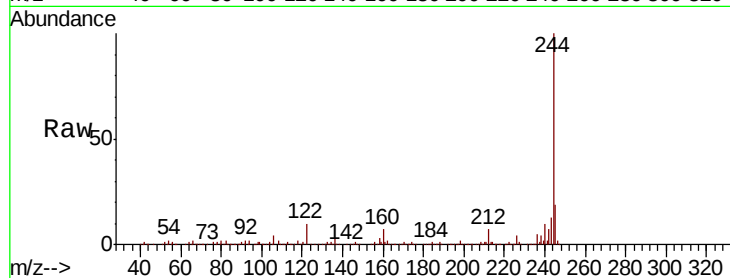
BNA_F

ClientSampleId :

102418-SIDI-F-U-S

Tot Ion:244 Resp: 1019927

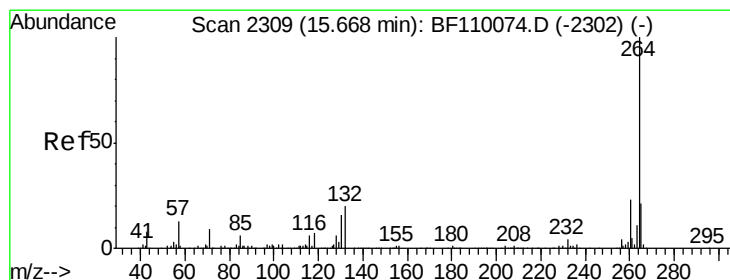
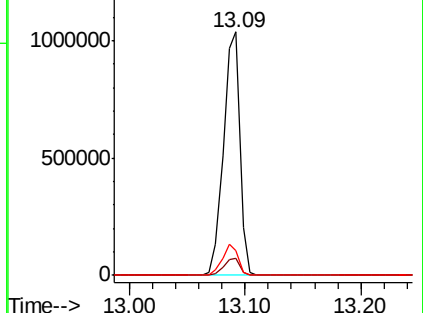
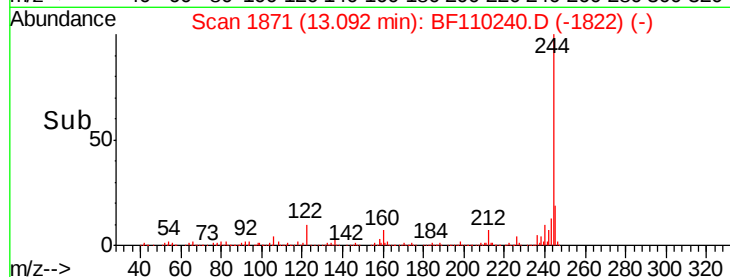
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.4	8.7	13.1



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: 15.67 min Scan# 2310

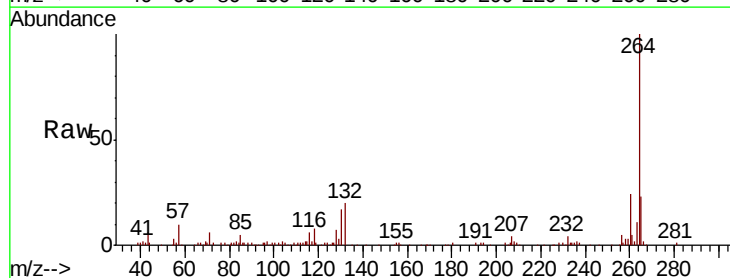
Delta R.T. -0.02 min

Lab File: BF110240.D

Acq: 27 Oct 2018 5:05

Tgt Ion:264 Resp: 142134

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.9	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

