

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110054.D
 Acq On : 22 Oct 2018 17:38
 Operator : JU/SJ
 Sample : J5601-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101818-SIDI-E-U-B

Quant Time: Oct 23 04:01:51 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	187380	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	705708	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	293402	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	483298	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	354891	20.00	ng	-0.02
87) Perylene-d12	15.67	264	254577	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	400849	33.91	ng	-0.01
7) Phenol-d6	6.58	99	310949	21.18	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1040612	99.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	206847	81.43	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1773895	96.47	ng	-0.01
79) Terphenyl-d14	13.09	244	1361988	80.59	ng	-0.02

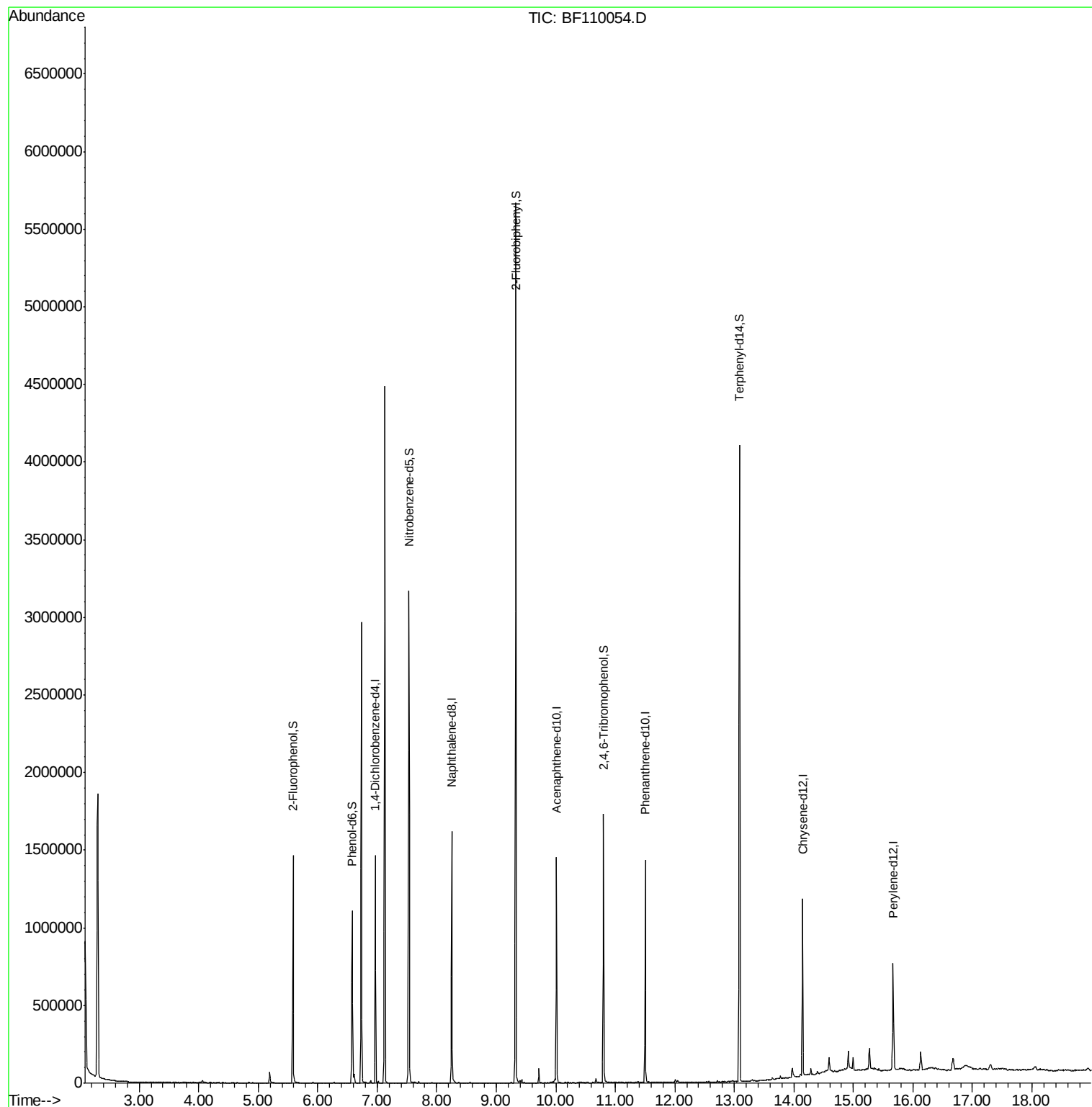
Target Compounds Qvalue

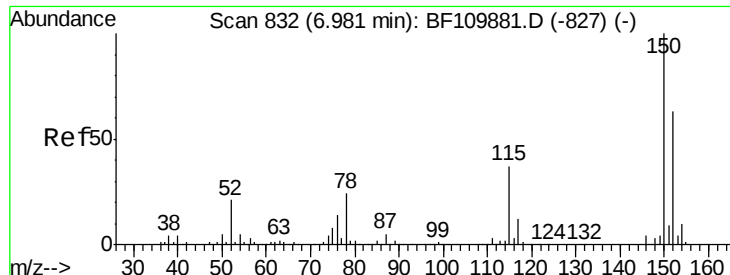
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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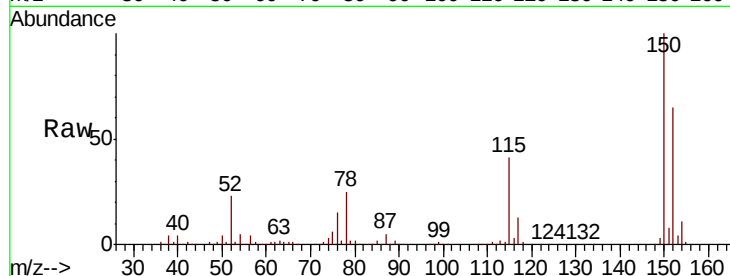


#1

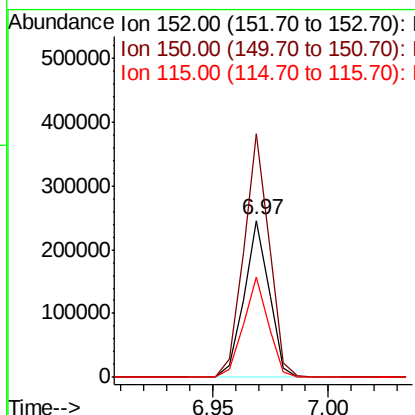
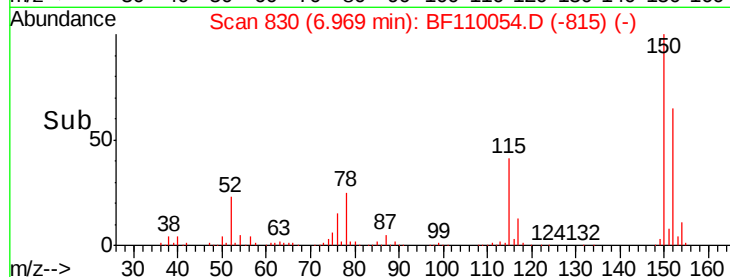
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :
101818-SIDI-E-U-B

Tot Ion:152 Resp: 187380
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 63.5 49.1 73.7



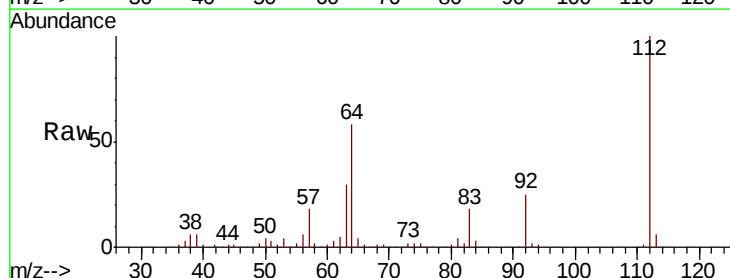
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



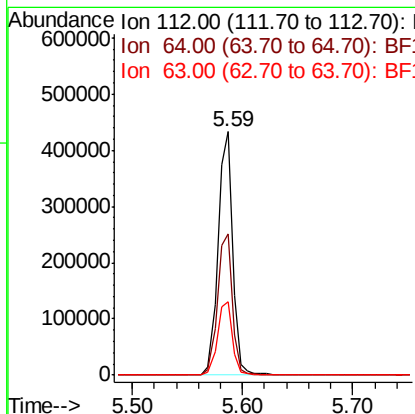
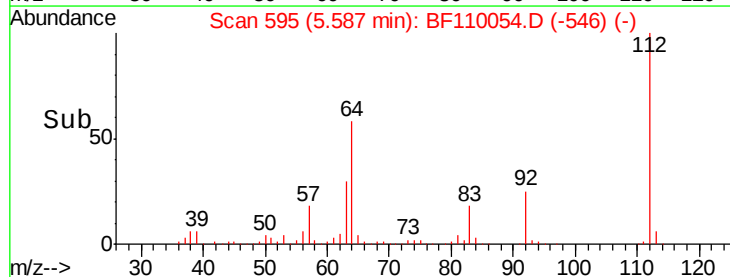
#5

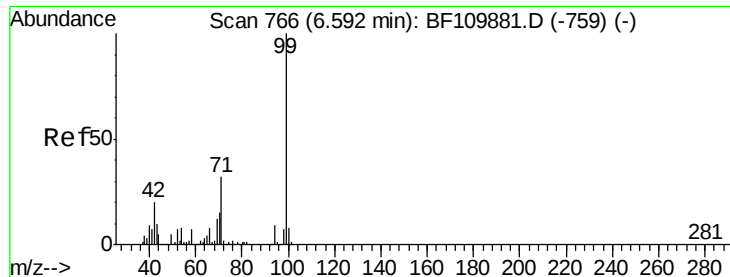
2-Fluorophenol
Concen: 33.910 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion:112 Resp: 400849
Ion Ratio Lower Upper
112 100
64 58.2 44.1 66.1
63 30.2 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: 21.184 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110054.D

Acq: 22 Oct 2018 17:38

Instrument :

BNA_F

ClientSampleId :

101818-SIDI-E-U-B

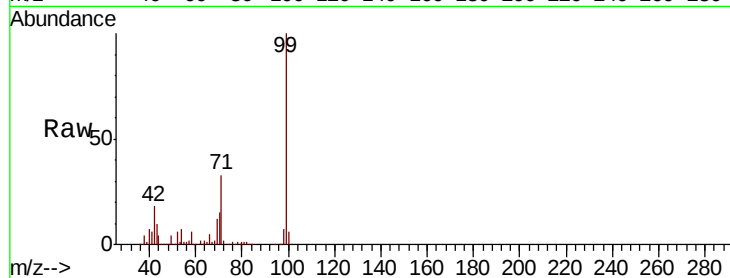
Tot Ion: 99 Resp: 310949

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

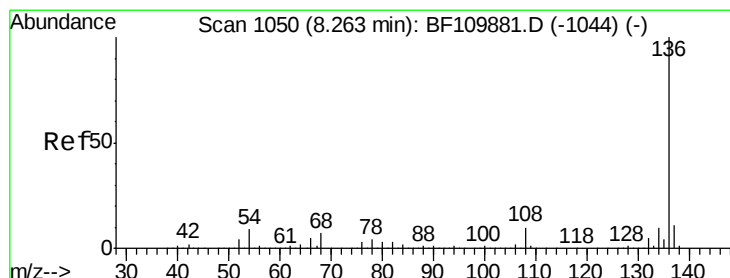
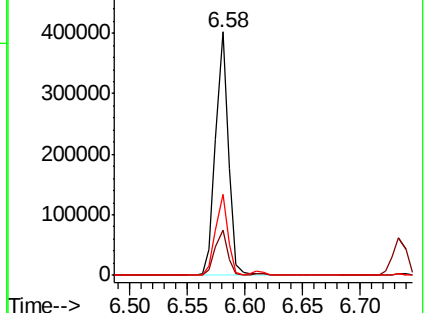
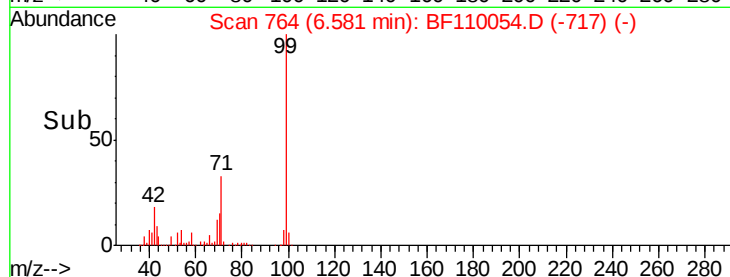
71 33.1 28.0 42.0



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: BF110054.D

Acq: 22 Oct 2018 17:38

Tgt Ion: 136 Resp: 705708

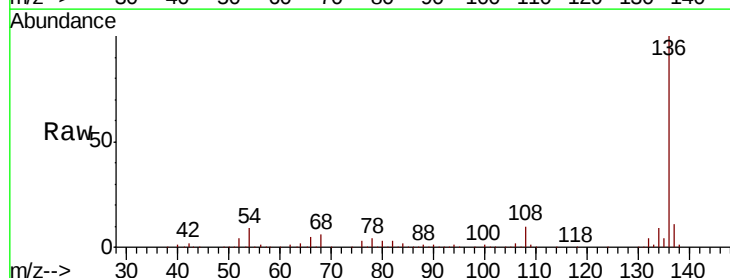
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.7 5.4 8.2#

68 5.7 4.2 6.2

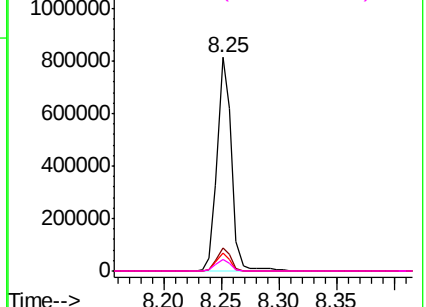
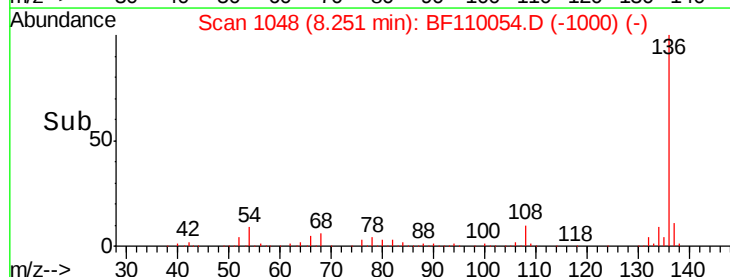


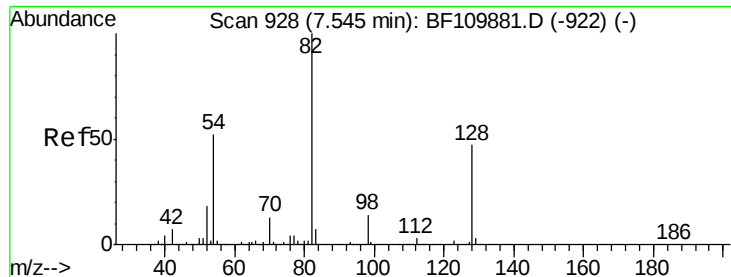
Abundance Ion 136.00 (135.70 to 136.70): E

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

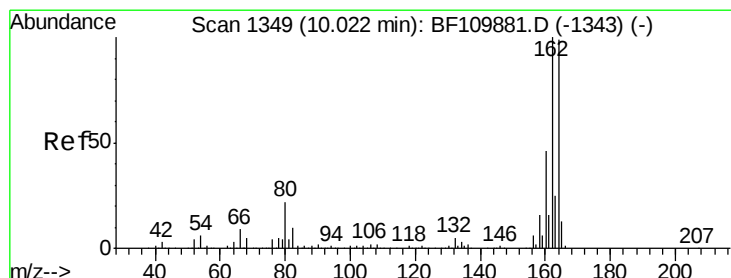
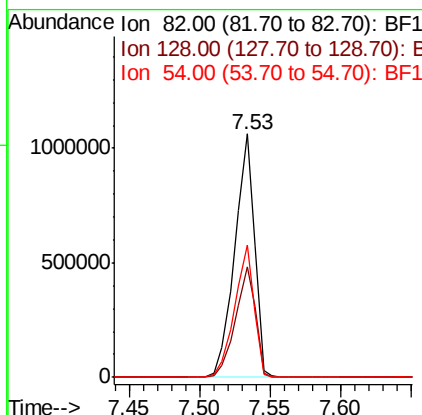
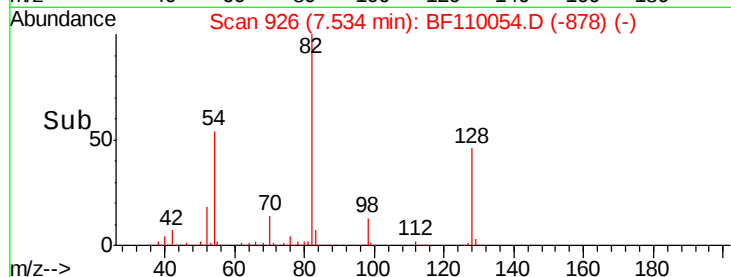
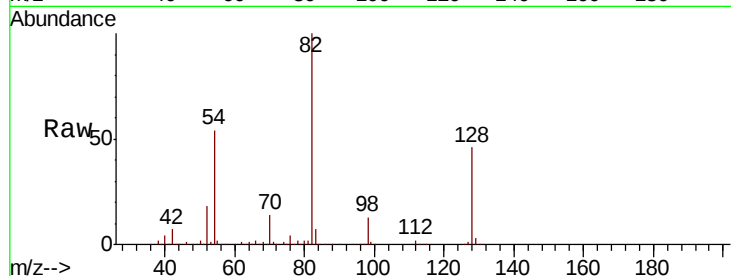




#23
Nitrobenzene-d5
Concen: 99.332 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

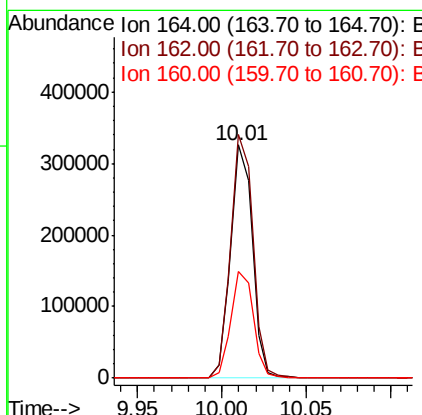
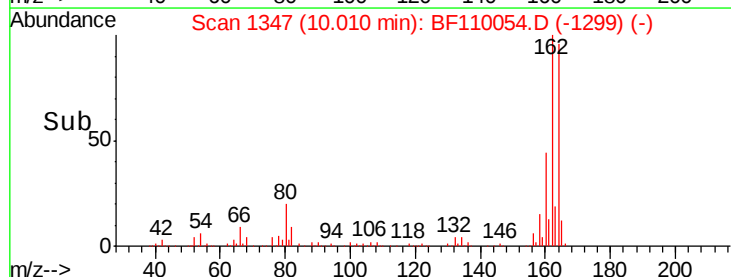
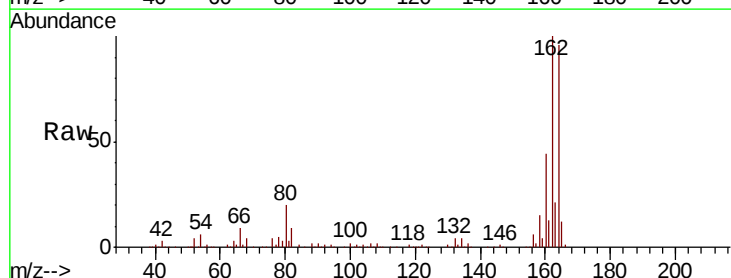
Instrument :
BNA_F
ClientSampleId :
101818-SIDI-E-U-B

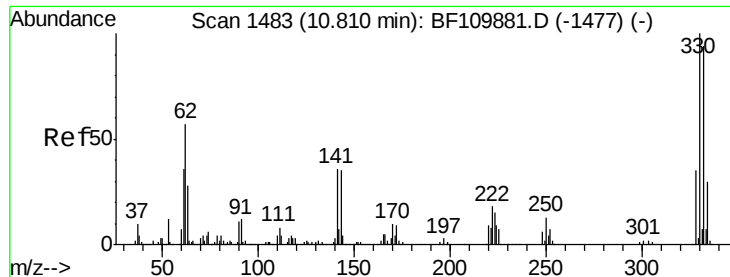
Tot Ion: 82 Resp: 1040612
Ion Ratio Lower Upper
82 100
128 45.5 34.2 51.2
54 54.1 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion: 164 Resp: 293402
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.6
160 45.6 37.0 55.6

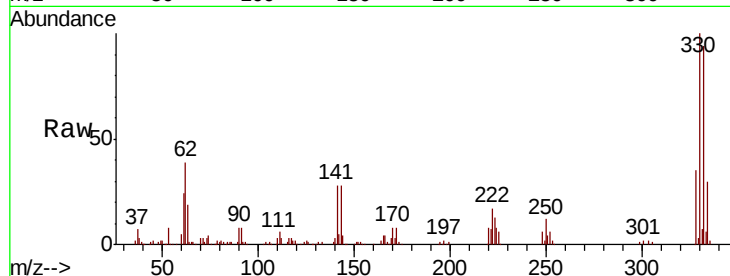




#42
 2,4,6-Tribromophenol
 Concen: 81.430 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110054.D
 Acq: 22 Oct 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :
 101818-SIDI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	36.5	27.0	40.4

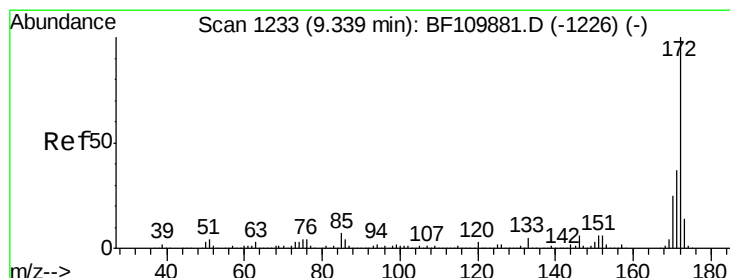
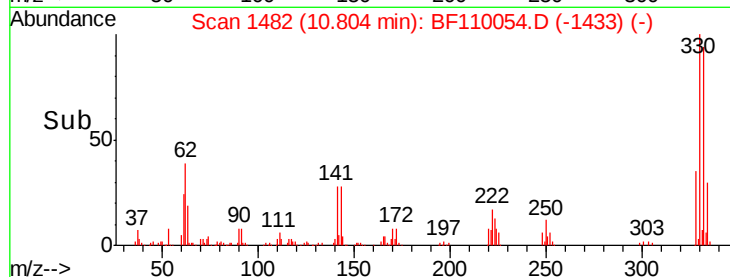
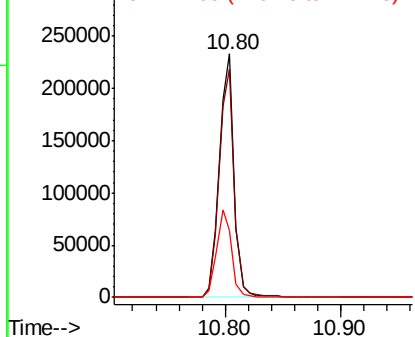


Abundance

Ion 329.80 (329.50 to 330.50): E

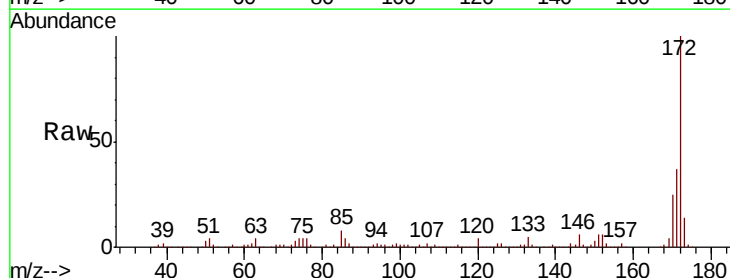
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.473 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110054.D
 Acq: 22 Oct 2018 17:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.5	19.7	29.5

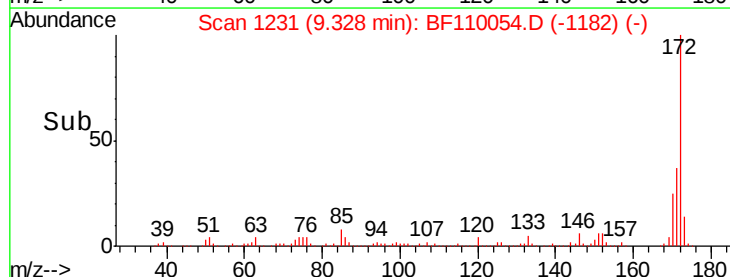
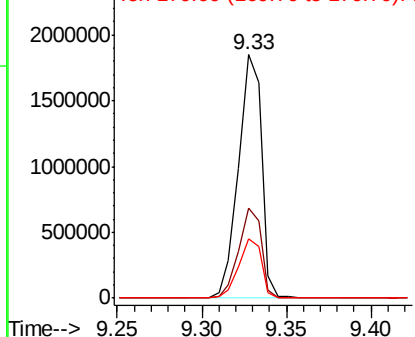


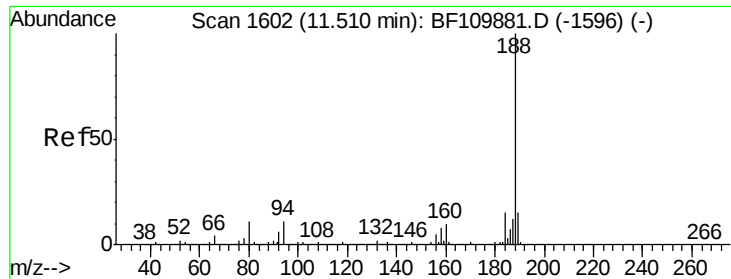
Abundance

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

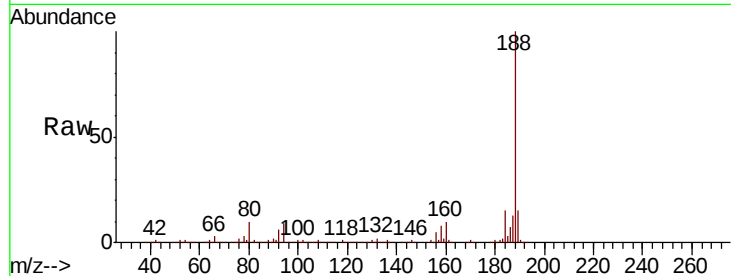




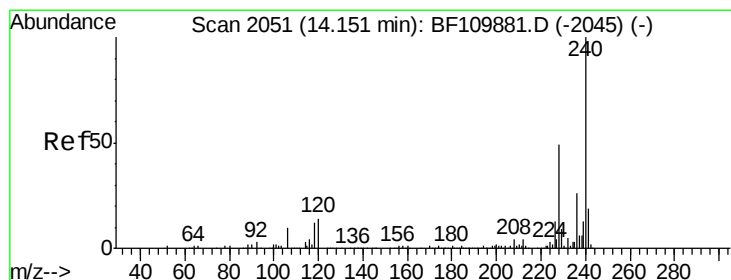
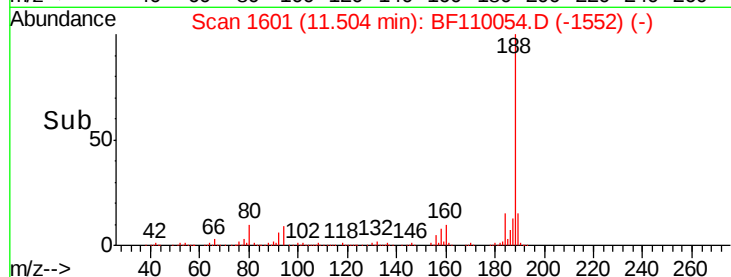
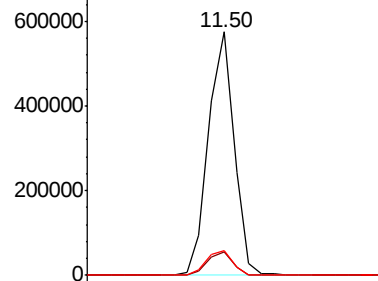
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Instrument :
BNA_F
ClientSampleId :
101818-SIDI-E-U-B

Tot Ion:188 Resp: 483298
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.0 7.9 11.9

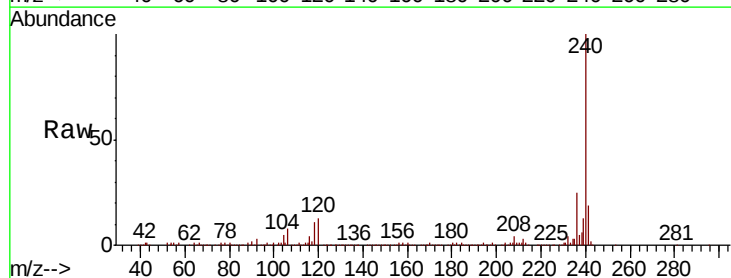


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

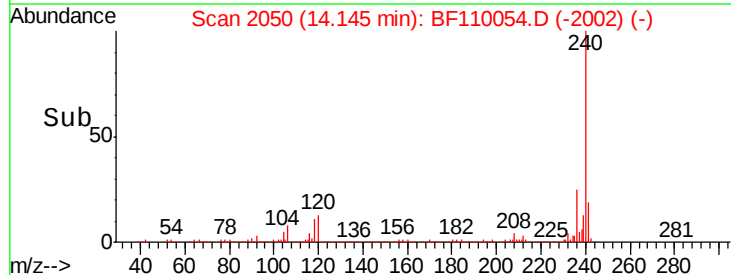
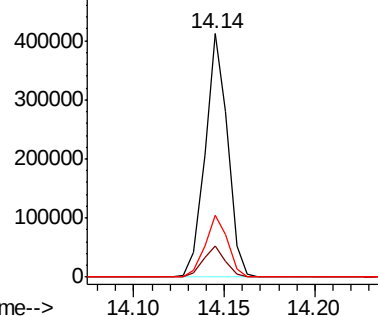


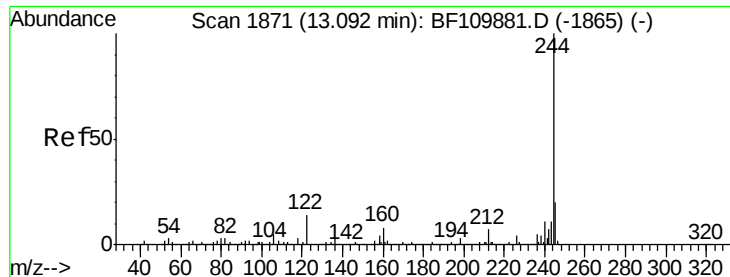
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110054.D
Acq: 22 Oct 2018 17:38

Tgt Ion:240 Resp: 354891
Ion Ratio Lower Upper
240 100
120 12.9 8.3 12.5#
236 25.2 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



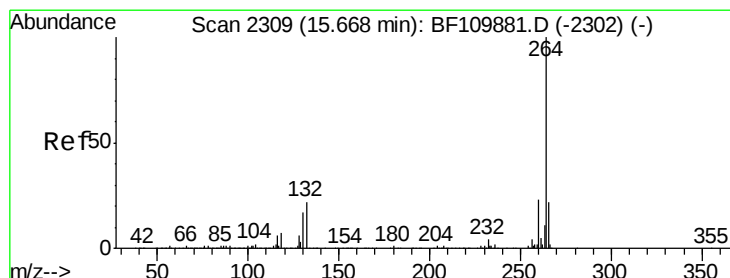
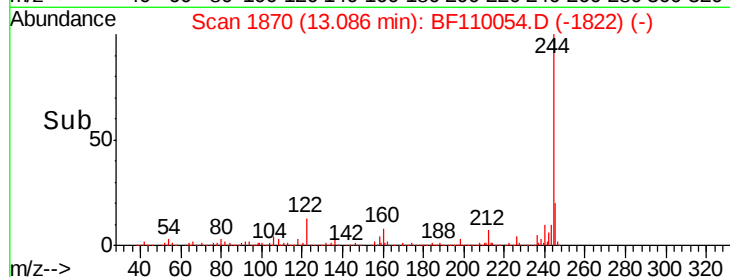
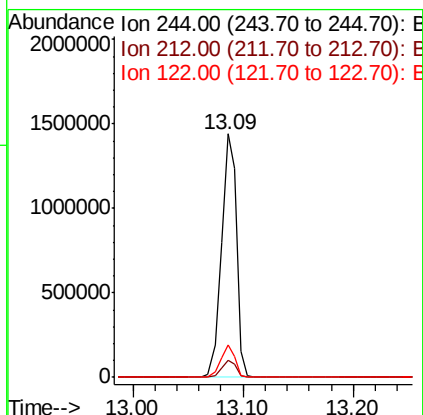
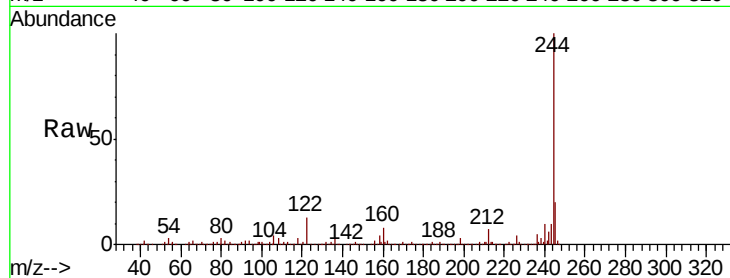


#79
 Terphenyl-d14
 Concen: 80.590 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110054.D
 Acq: 22 Oct 2018 17:38

Instrument :
 BNA_F
 ClientSampleId :
 101818-SIDI-E-U-B

Tot Ion:244 Resp: 1361988

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.4	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110054.D
 Acq: 22 Oct 2018 17:38

Tgt Ion:264 Resp: 254577

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.2	16.7	25.1

