

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109974.D
 Acq On : 18 Oct 2018 22:19
 Operator : JU/SJ
 Sample : J5573-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Oct 19 05:20:04 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	190114	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	735423	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	338041	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	608593	20.00	ng	0.00
76) Chrysene-d12	14.15	240	402335	20.00	ng	-0.01
87) Perylene-d12	15.68	264	399496	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	569046	47.45	ng	0.00
7) Phenol-d6	6.59	99	436543	29.31	ng	-0.02
23) Nitrobenzene-d5	7.54	82	921025	84.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	341620	116.73	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1591067	75.10	ng	0.00
79) Terphenyl-d14	13.09	244	1456025	76.00	ng	-0.01

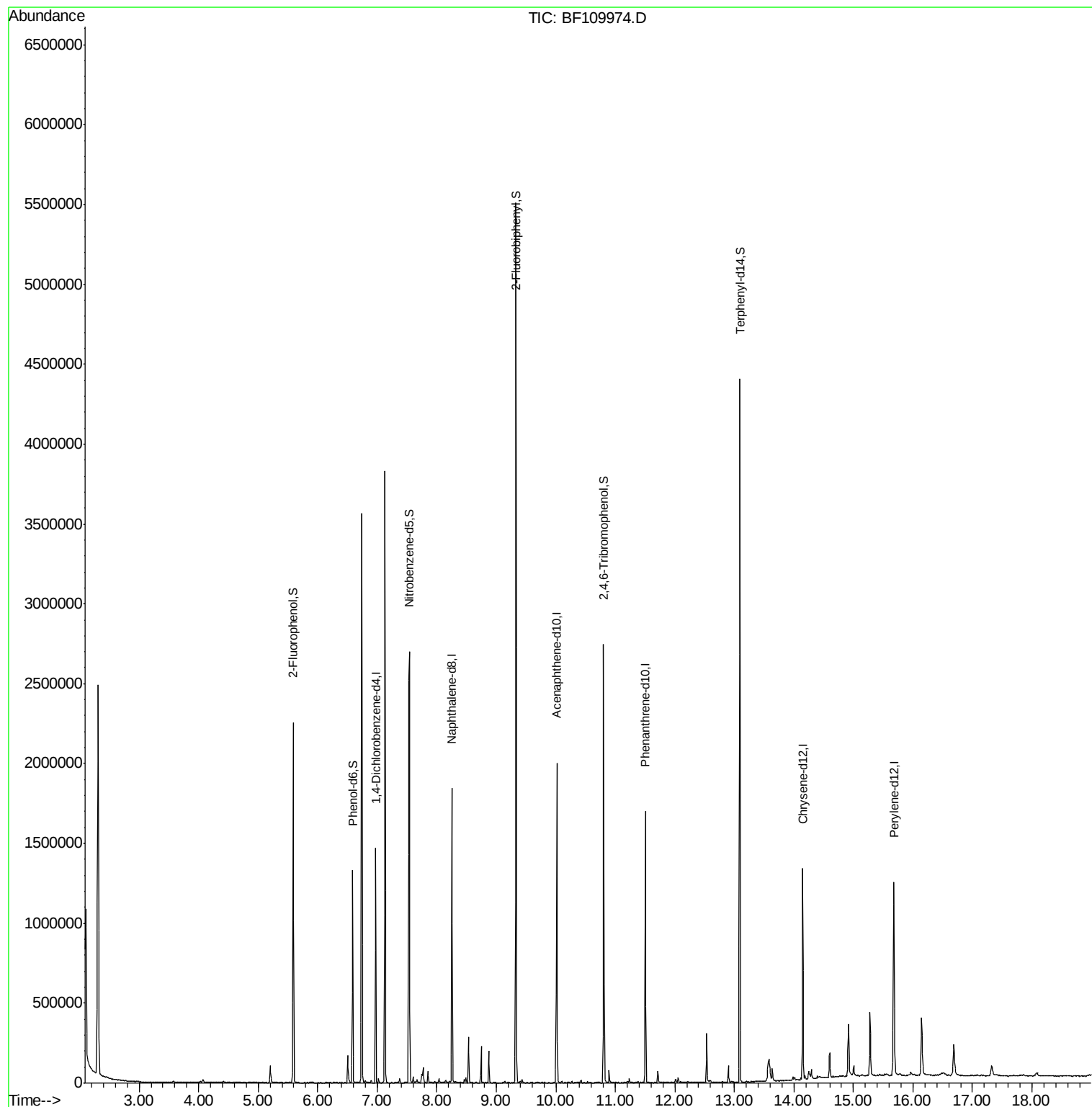
Target Compounds Qvalue

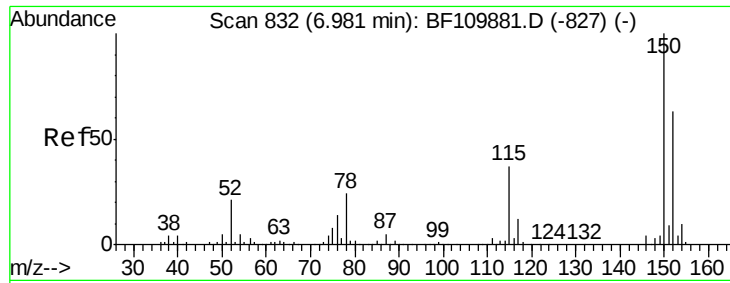
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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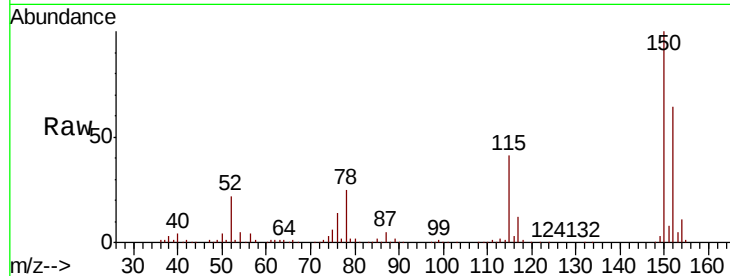


#1

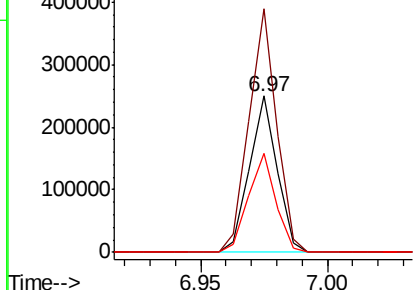
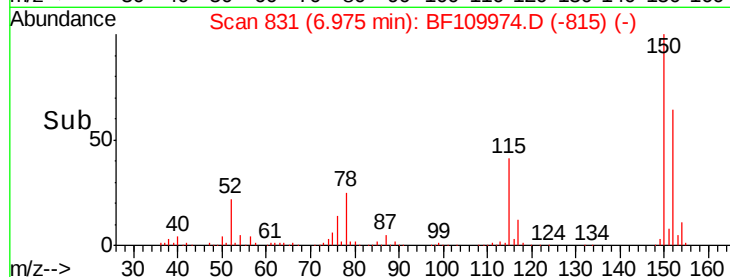
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109974.D
Acq: 18 Oct 2018 22:19

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tot Ion:152 Resp: 190114
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 63.2 49.1 73.7



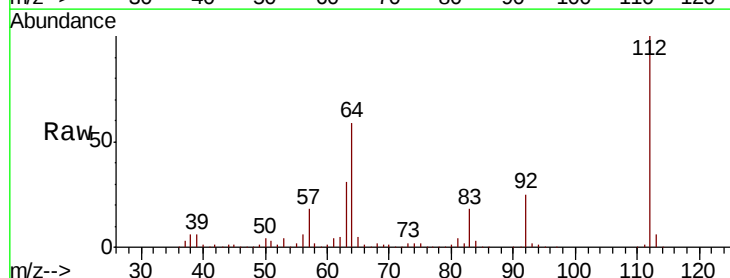
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



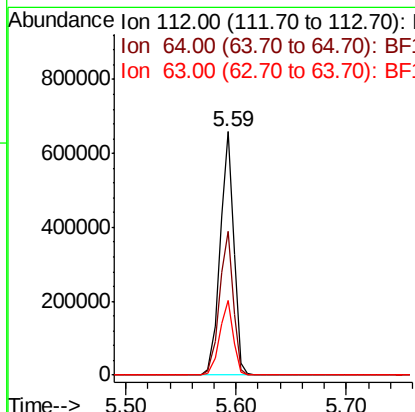
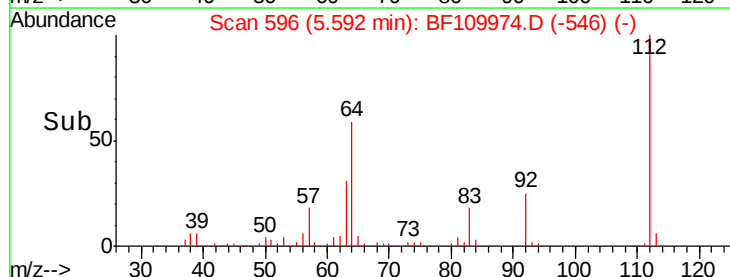
#5

2-Fluorophenol
Concen: 47.446 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109974.D
Acq: 18 Oct 2018 22:19

Tgt Ion:112 Resp: 569046
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 30.7 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: 29.312 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109974.D

Acq: 18 Oct 2018 22:19

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

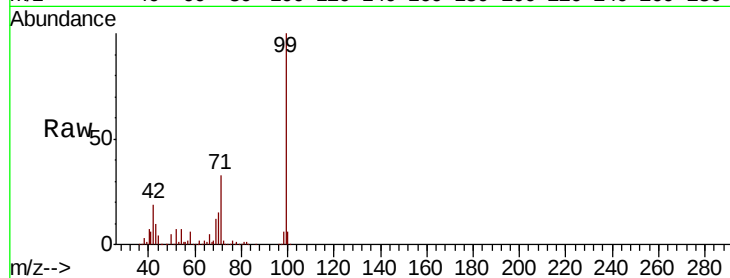
Tot Ion: 99 Resp: 436543

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

71 33.2 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

600000

500000

400000

300000

200000

100000

0

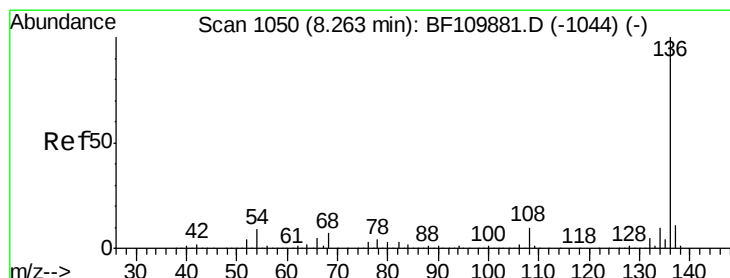
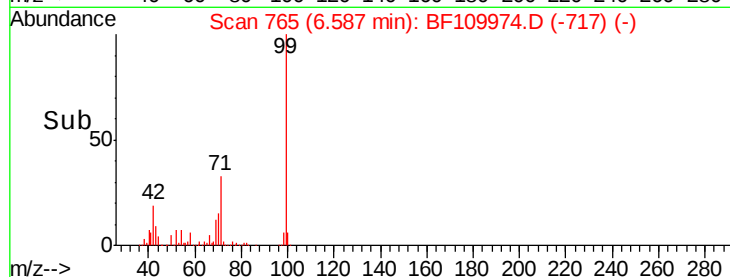
6.59

6.55

6.60

6.65

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109974.D

Acq: 18 Oct 2018 22:19

Tgt Ion: 136 Resp: 735423

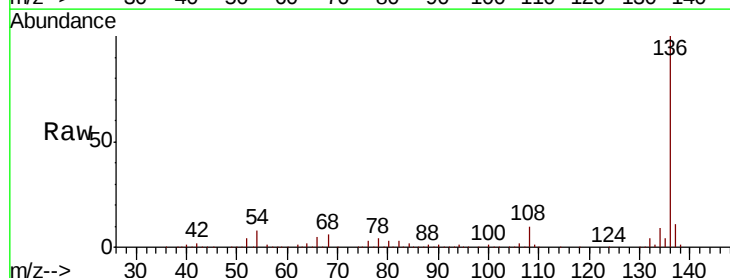
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.9 5.4 8.2

68 6.0 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

1000000

500000

0

8.26

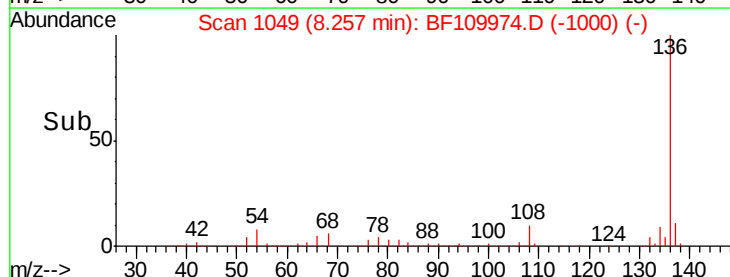
8.20

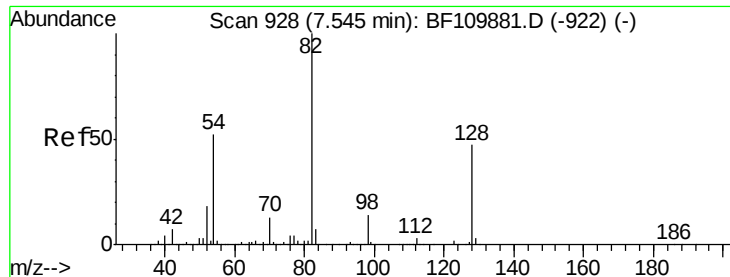
8.25

8.30

8.35

Time-->

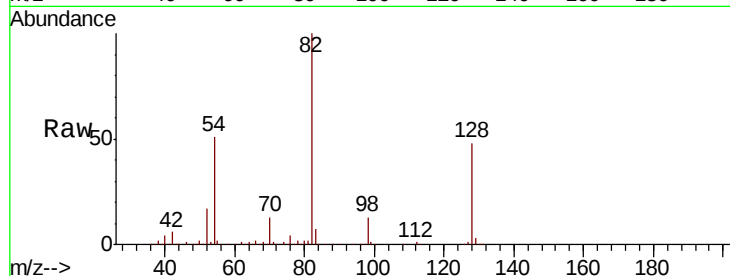




#23
Nitrobenzene-d5
Concen: 84.365 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109974.D
Acq: 18 Oct 2018 22:19

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.2	51.2
54	51.4	38.6	58.0

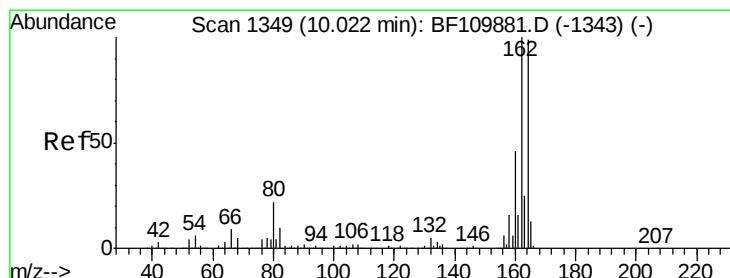
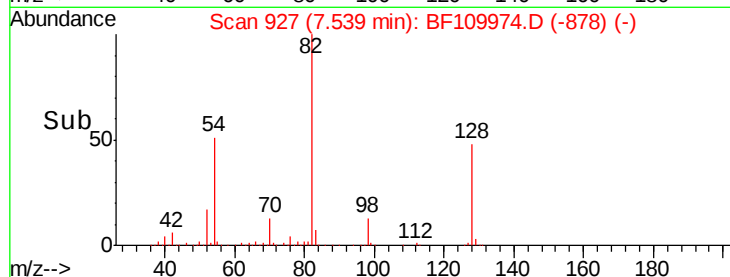
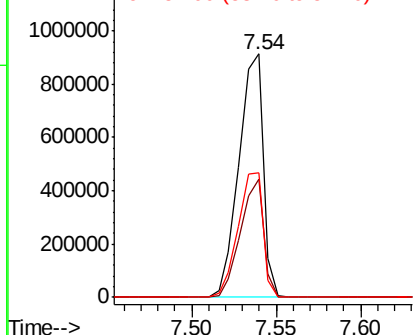


Abundance

Ion 82.00 (81.70 to 82.70): BF1

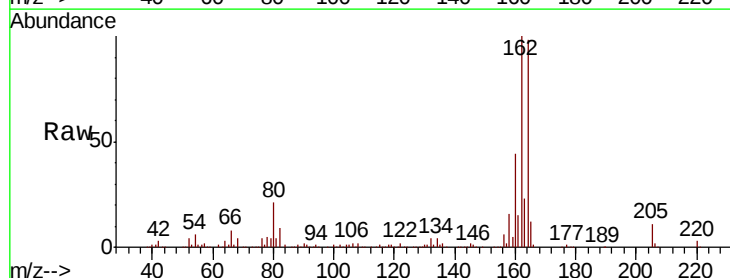
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF109974.D
Acq: 18 Oct 2018 22:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.6
160	45.1	37.0	55.6

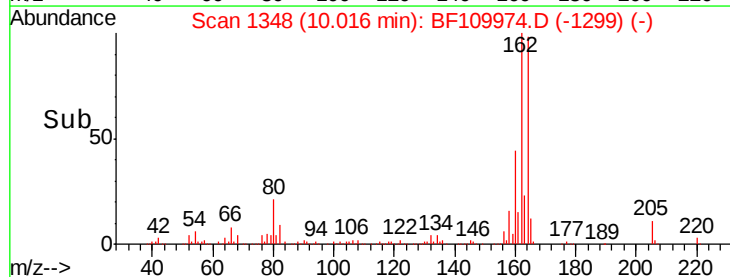
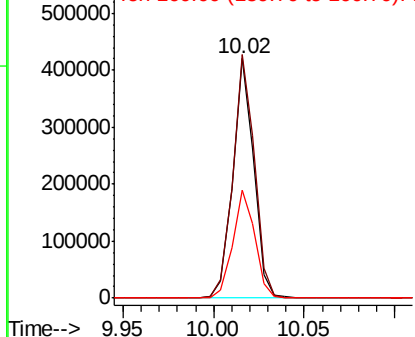


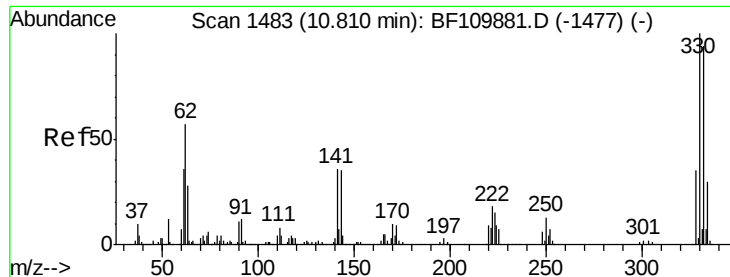
Abundance

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

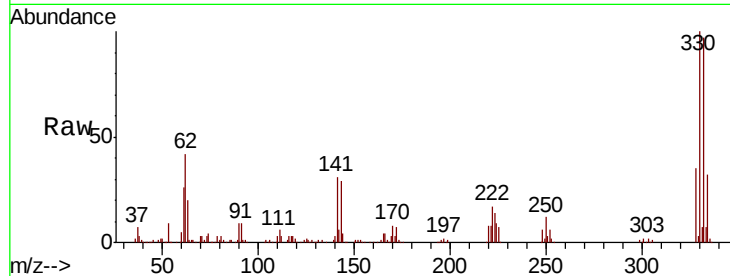




#42
 2,4,6-Tribromophenol
 Concen: 116.727 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109974.D
 Acq: 18 Oct 2018 22:19

Instrument :
 BNA_F
 ClientSampled :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	36.5	27.0	40.4

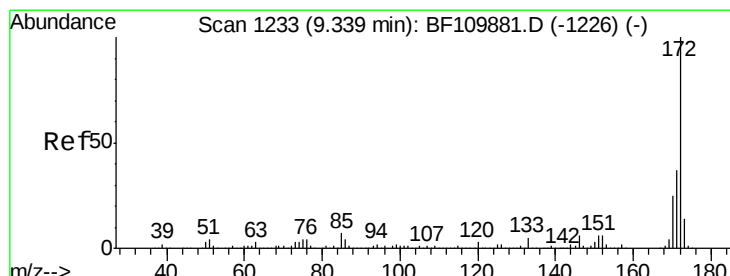
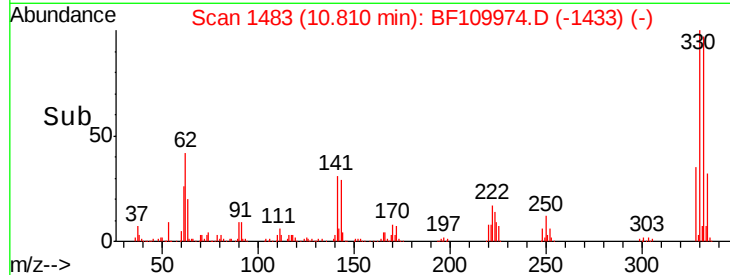
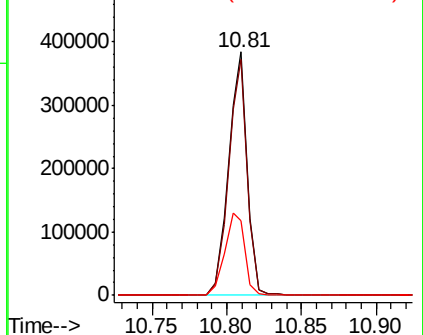


Abundance

Ion 329.80 (329.50 to 330.50): E

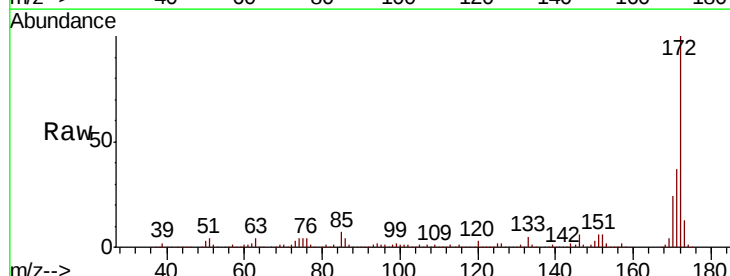
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.103 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF109974.D
 Acq: 18 Oct 2018 22:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.3	19.7	29.5

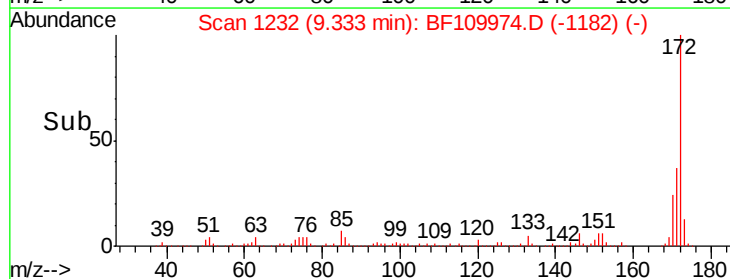
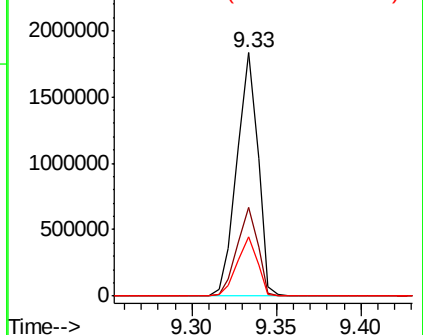


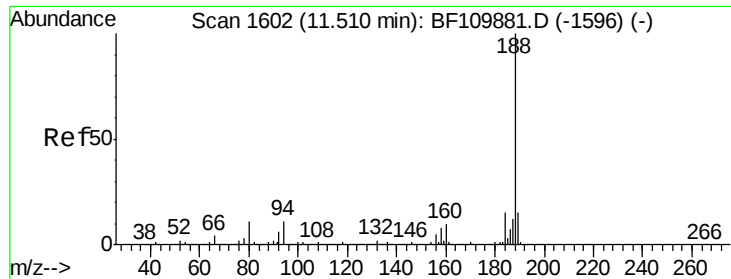
Abundance

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

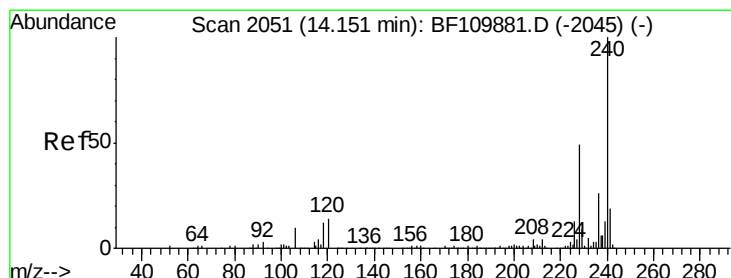
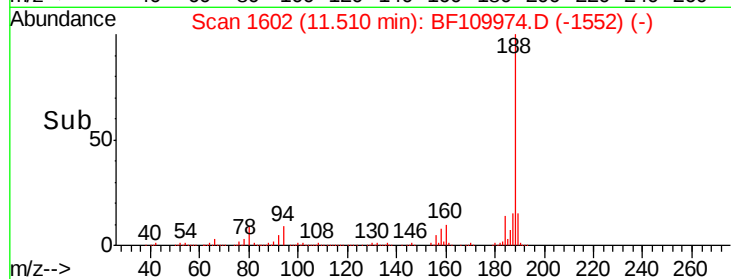
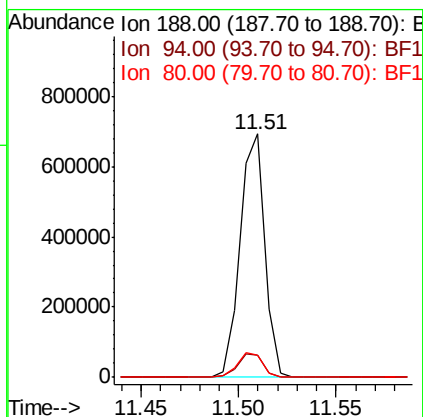
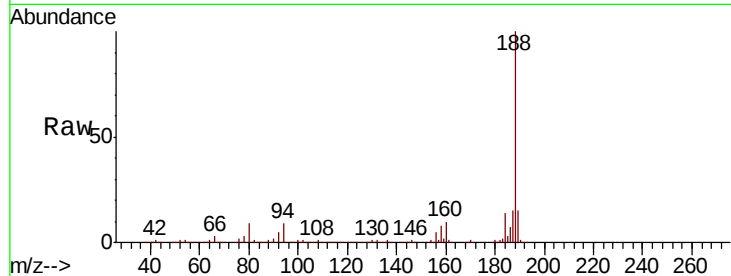




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109974.D
Acq: 18 Oct 2018 22:19

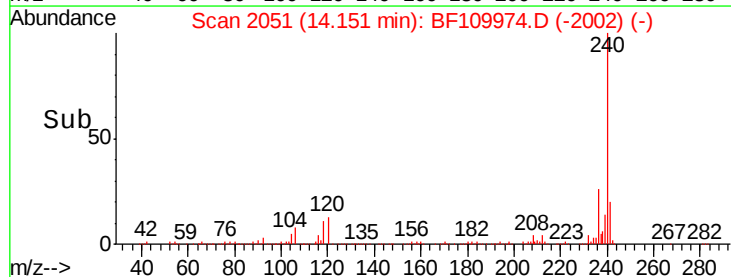
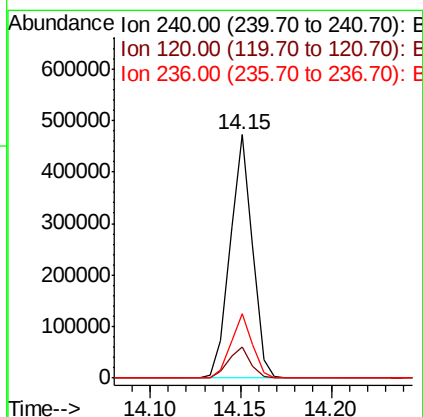
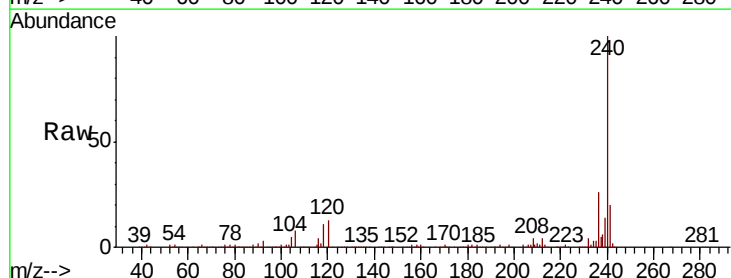
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

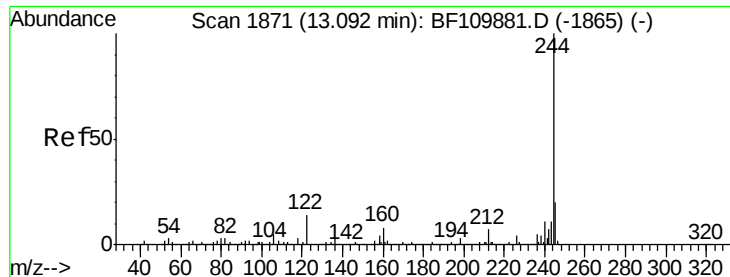
Tot Ion:188 Resp: 608593
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF109974.D
Acq: 18 Oct 2018 22:19

Tgt Ion:240 Resp: 402335
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 26.4 21.2 31.8

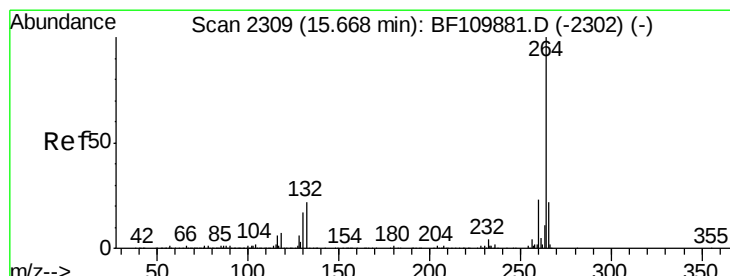
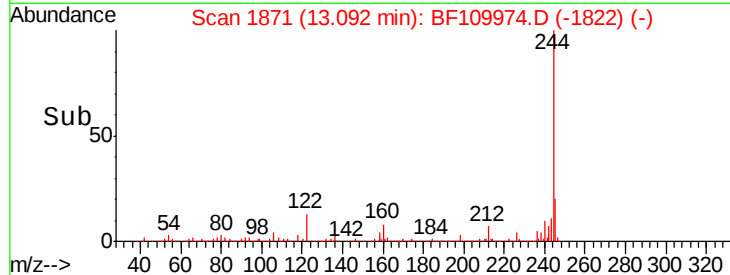
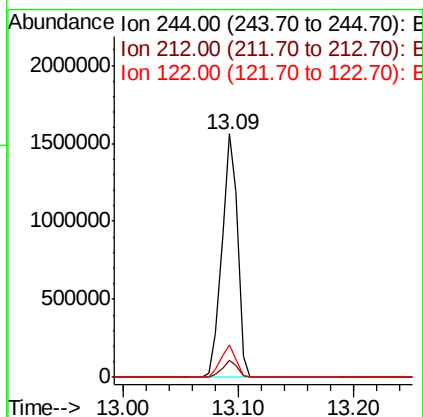
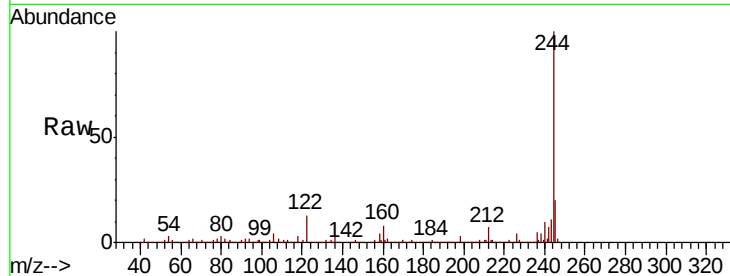




#79
 Terphenyl-d14
 Concen: 75.995 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109974.D
 Acq: 18 Oct 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tot Ion:244 Resp: 1456025
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.2 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF109974.D
 Acq: 18 Oct 2018 22:19

Tgt Ion:264 Resp: 399496
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 22.6 16.7 25.1

