

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110052.D
 Acq On : 22 Oct 2018 16:44
 Operator : JU/SJ
 Sample : J5601-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 03:54:57 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

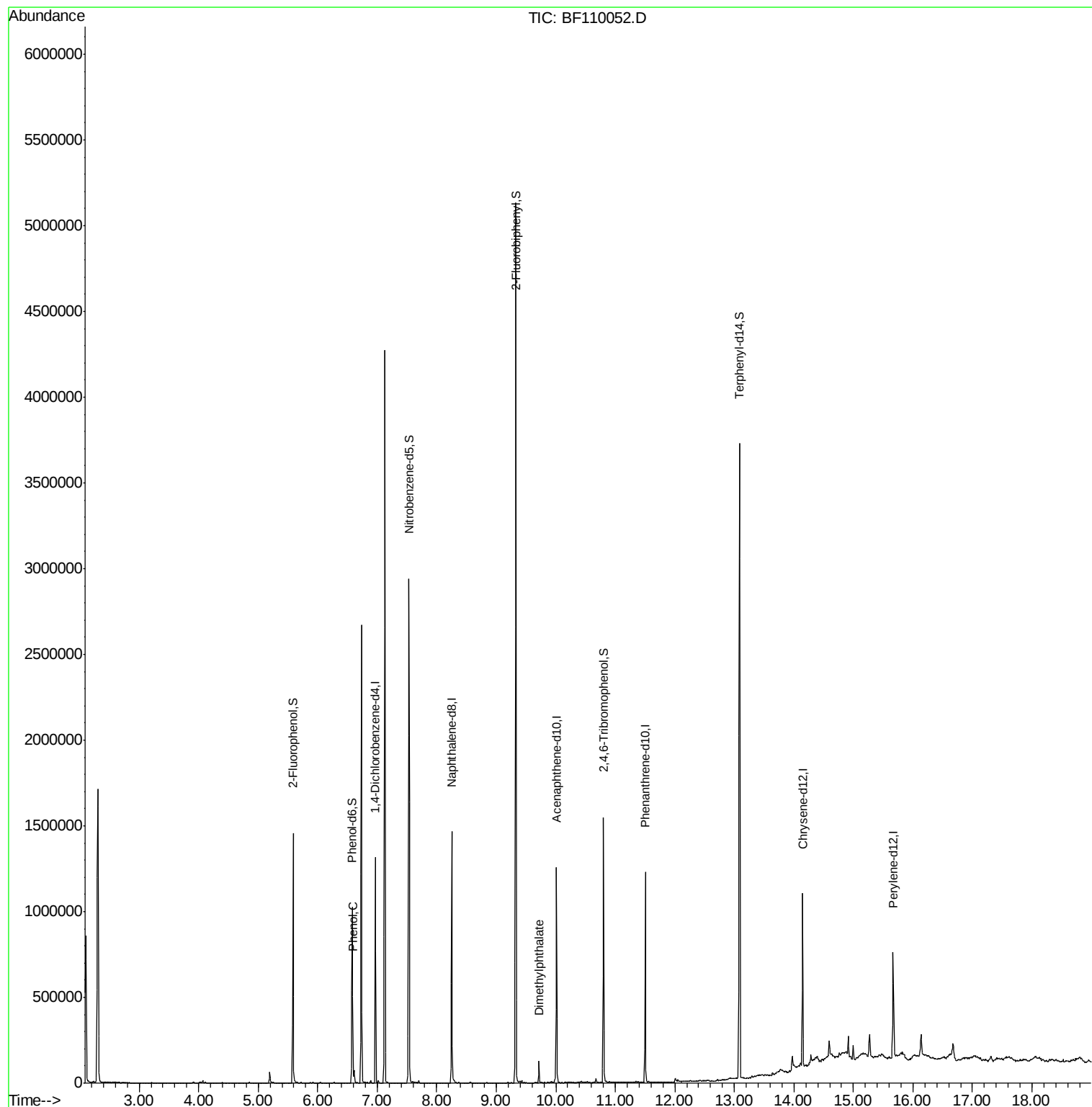
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174995	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	639588	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	256384	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	417030	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	313975	20.00	ng	-0.02
87) Perylene-d12	15.67	264	231650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	372569	33.75	ng	-0.01
7) Phenol-d6	6.58	99	281315	20.52	ng	-0.02
23) Nitrobenzene-d5	7.53	82	965025	101.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	172473	77.70	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1620810	100.87	ng	-0.01
79) Terphenyl-d14	13.09	244	1240973	83.00	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	30209	2.041	ng	Qvalue # 64
50) Dimethylphthalate	9.72	163	48605	2.677	ng	100

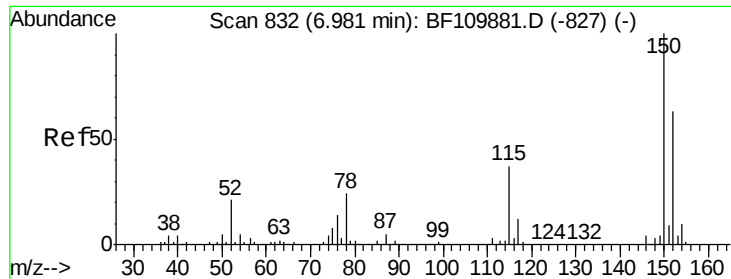
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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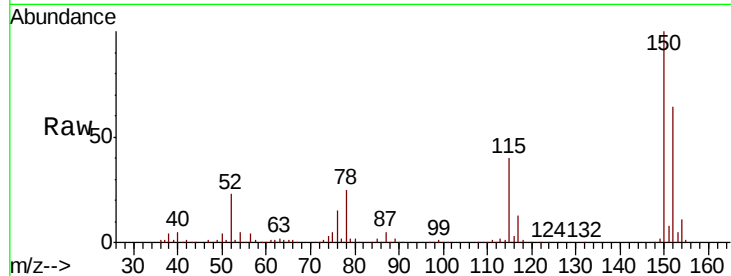


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110052.D
Acq: 22 Oct 2018 16:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.7	184.1
115	62.8	49.1	73.7

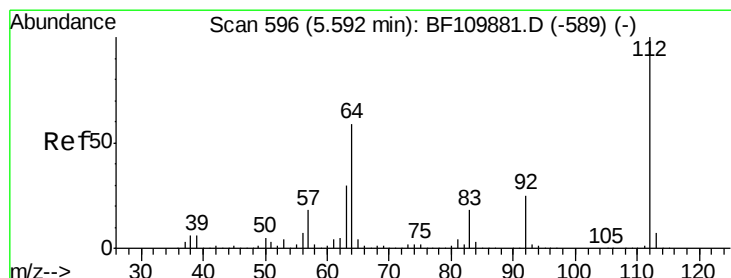
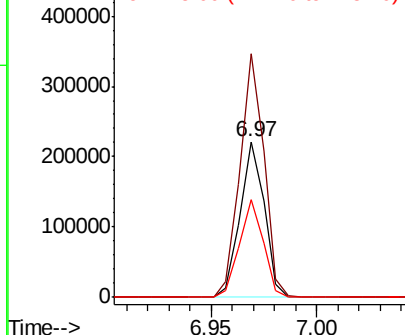
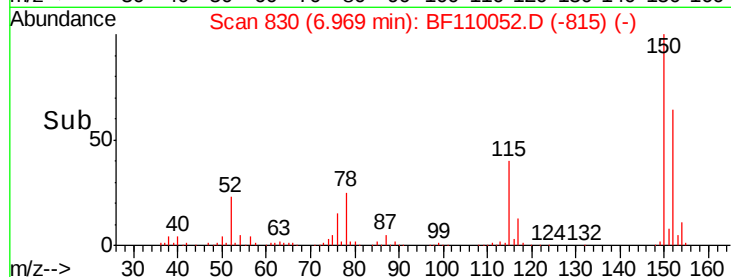


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

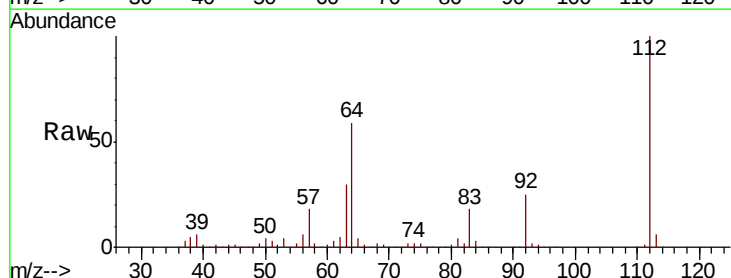
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 33.748 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110052.D
Acq: 22 Oct 2018 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.1	66.1
63	30.1	23.7	35.5

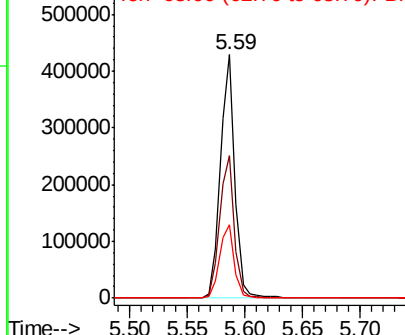
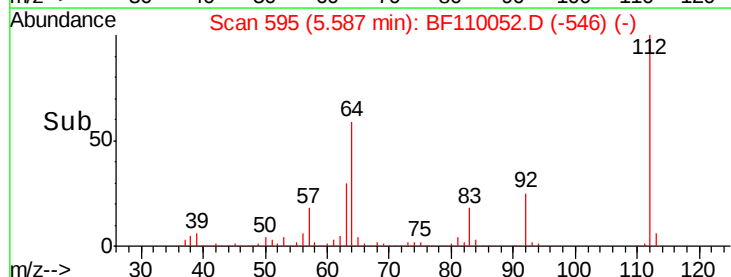


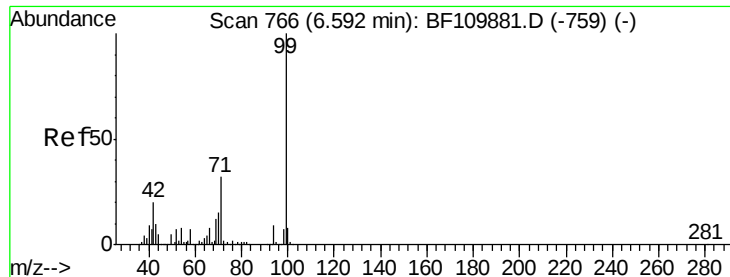
Abundance

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: 20.521 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110052.D

Acq: 22 Oct 2018 16:44

Instrument :

BNA_F

ClientSampled :

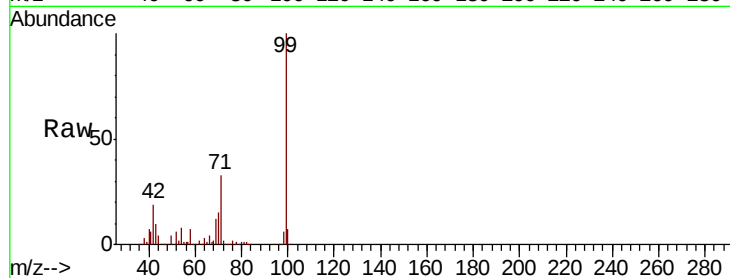
Tot Ion: 99 Resp: 281315

Ion Ratio Lower Upper

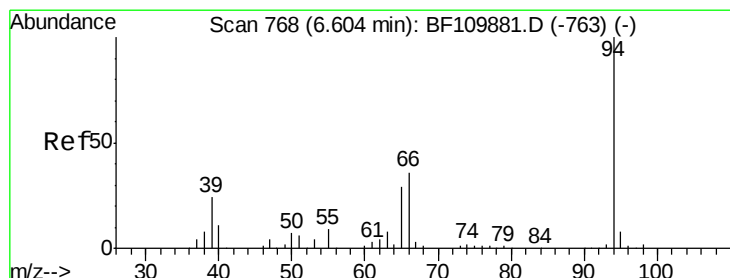
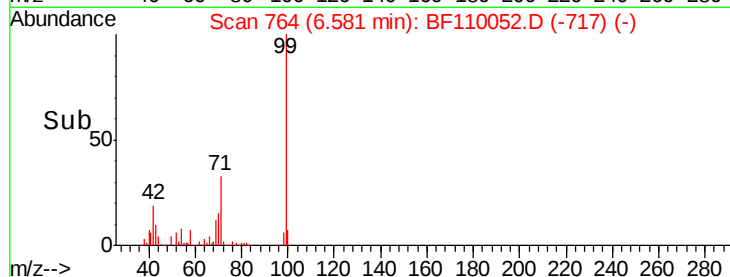
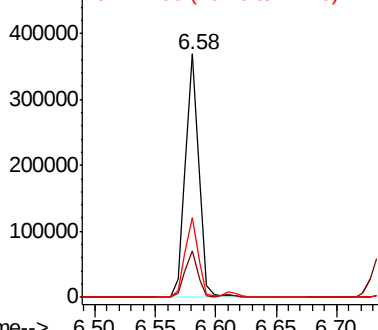
99 100

42 18.9 15.8 23.6

71 32.9 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



#10

Phenol

Concen: 2.041 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110052.D

Acq: 22 Oct 2018 16:44

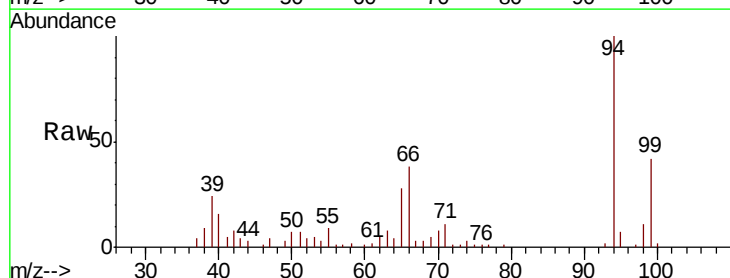
Tgt Ion: 94 Resp: 30209

Ion Ratio Lower Upper

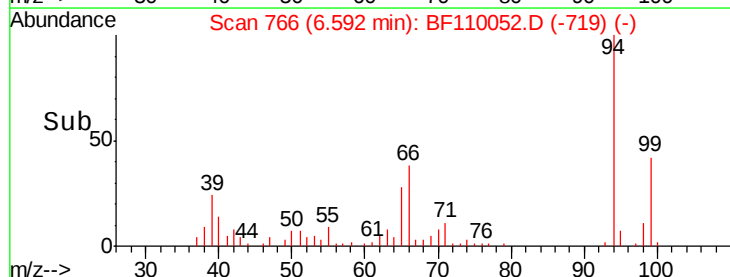
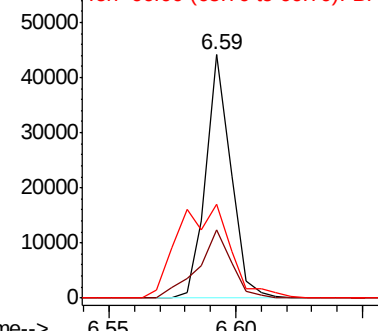
94 100

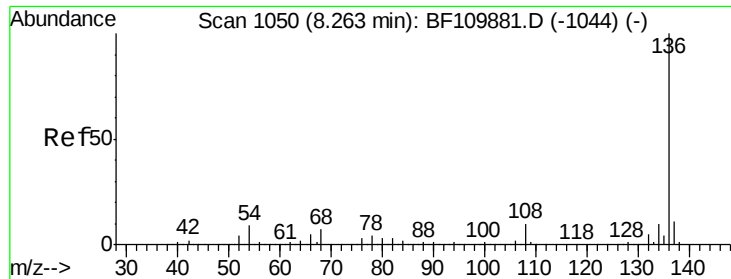
65 28.2 25.3 65.3

66 38.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

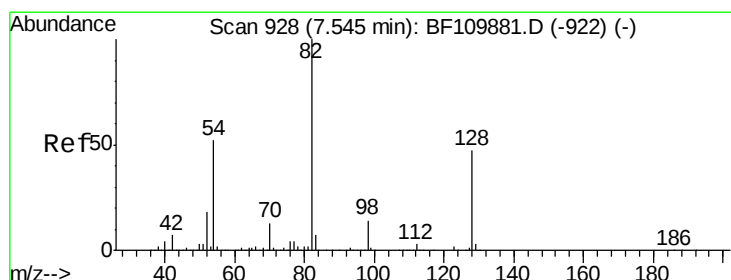
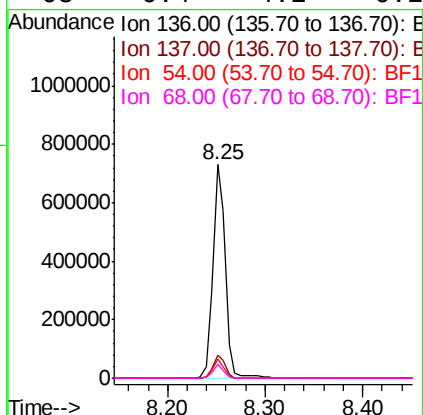
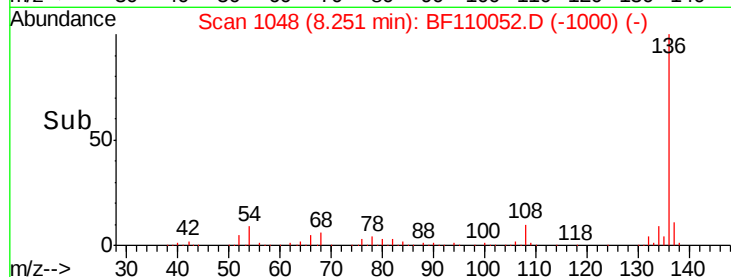
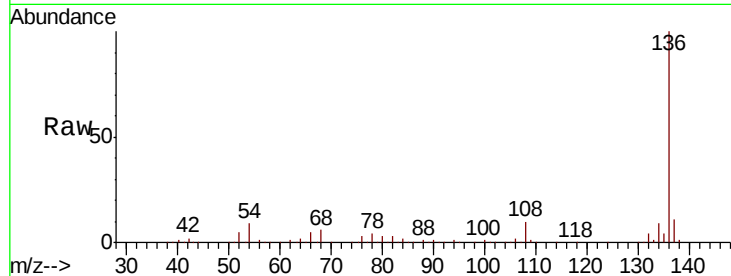




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110052.D
Acq: 22 Oct 2018 16:44

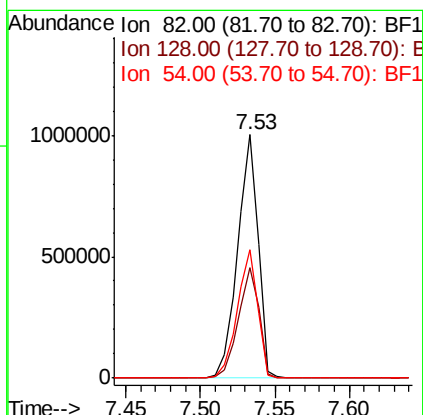
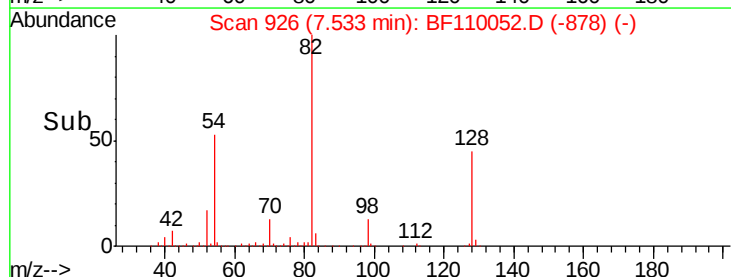
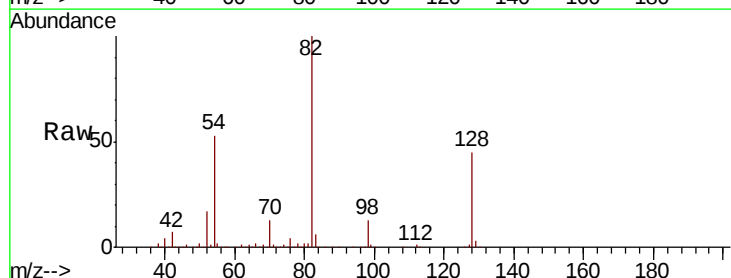
Instrument :
BNA_F
ClientSampleId :

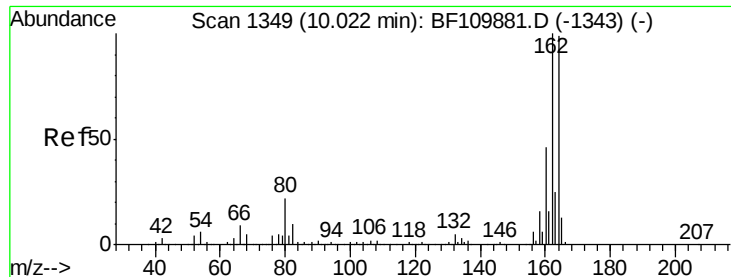
Tot Ion:136	Resp:	639588
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	8.9	5.4 8.2#
68	6.4	4.2 6.2#



#23
Nitrobenzene-d5
Concen: 101.640 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110052.D
Acq: 22 Oct 2018 16:44

Tgt Ion: 82	Resp:	965025
Ion Ratio	Lower	Upper
82	100	
128	45.1	34.2 51.2
54	52.7	38.6 58.0

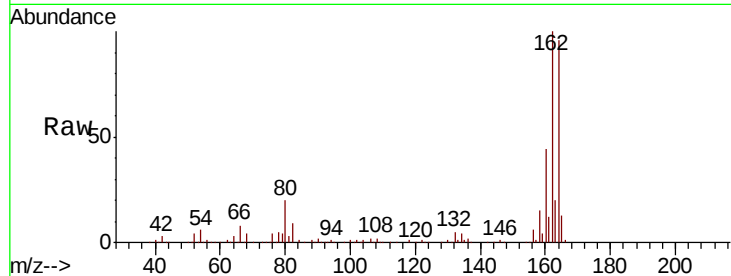




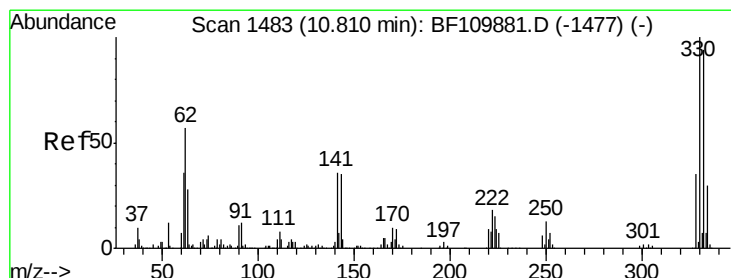
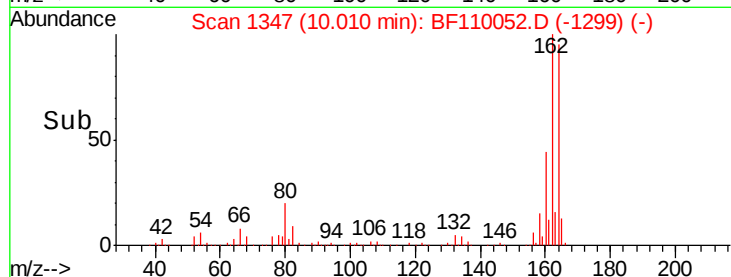
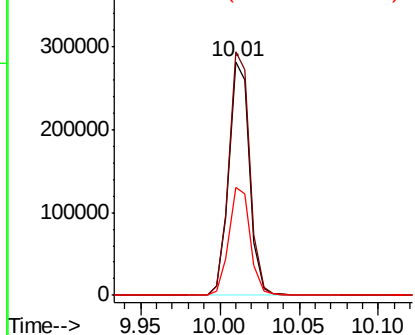
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110052.D
Acq: 22 Oct 2018 16:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	46.2	37.0	55.6

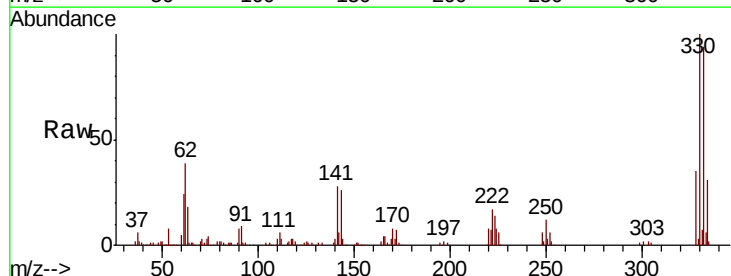


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

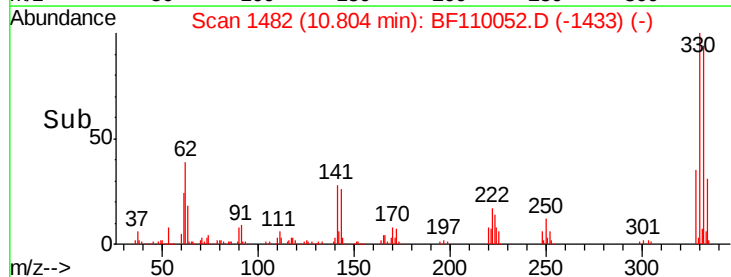
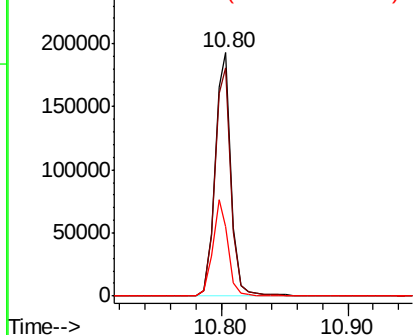


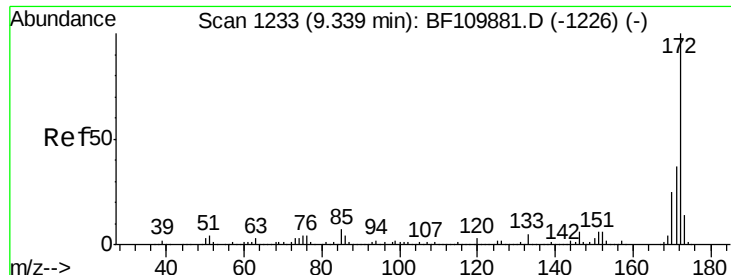
#42
2,4,6-Tribromophenol
Concen: 77.701 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110052.D
Acq: 22 Oct 2018 16:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	37.6	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

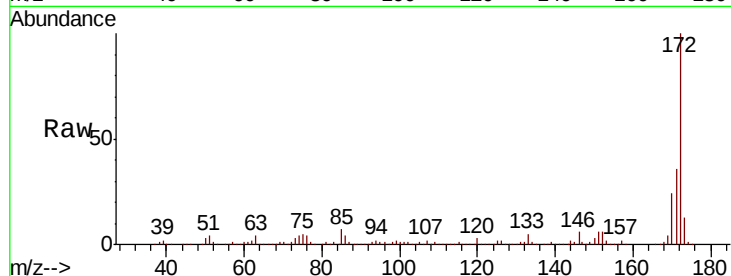




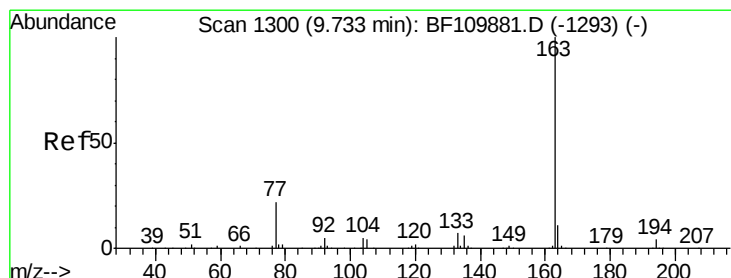
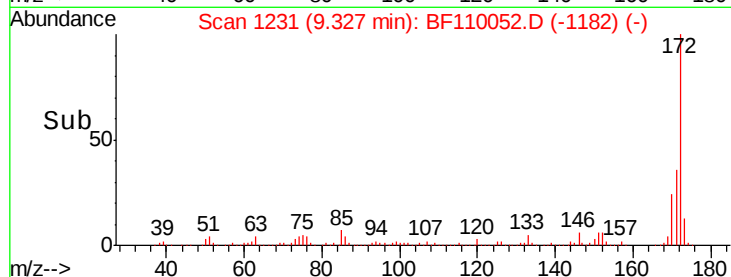
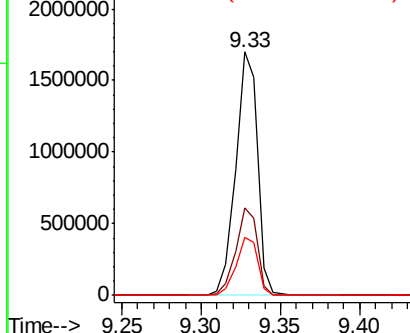
#45
2-Fluorobiphenyl
Concen: 100.874 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110052.D
Acq: 22 Oct 2018 16:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1620810
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.0 19.7 29.5

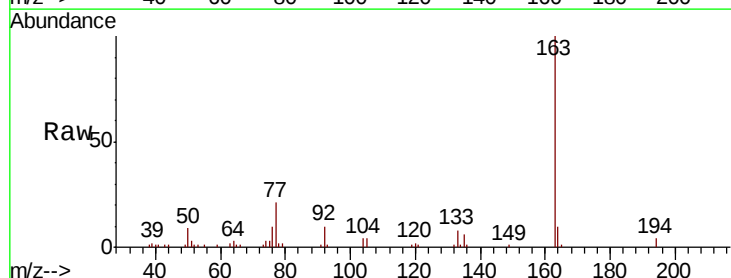


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

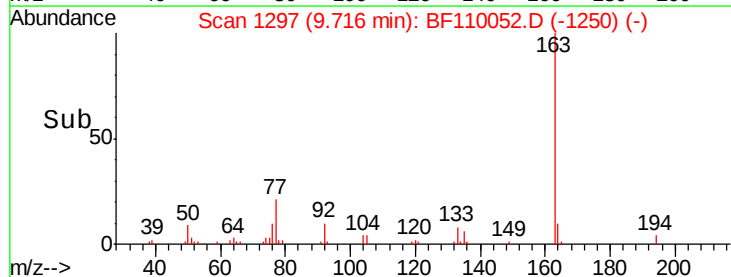
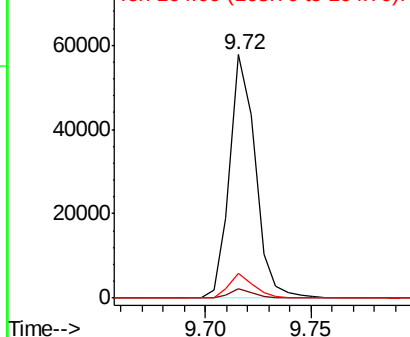


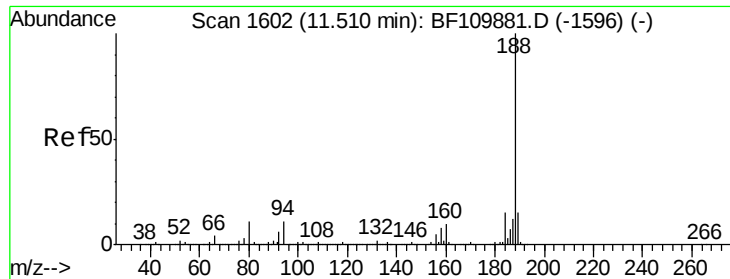
#50
Dimethylphthalate
Concen: 2.677 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110052.D
Acq: 22 Oct 2018 16:44

Tgt Ion:163 Resp: 48605
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110052.D

Acq: 22 Oct 2018 16:44

Instrument :

BNA_F

ClientSampleId :

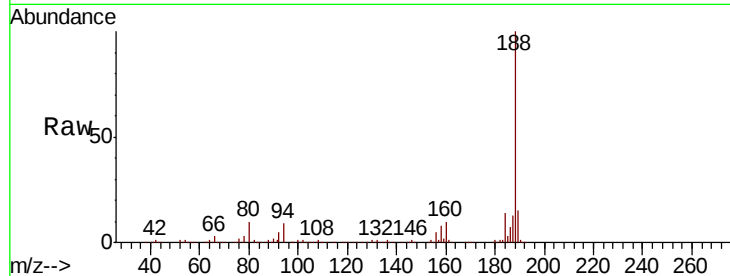
Tot Ion:188 Resp: 417030

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

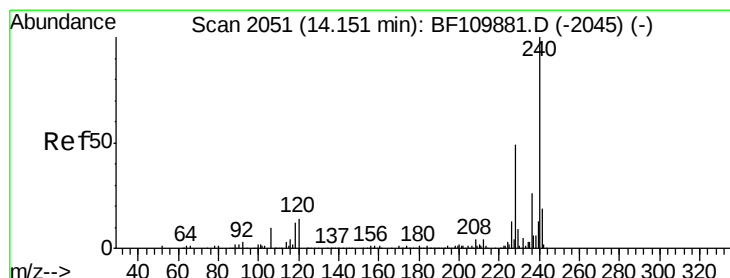
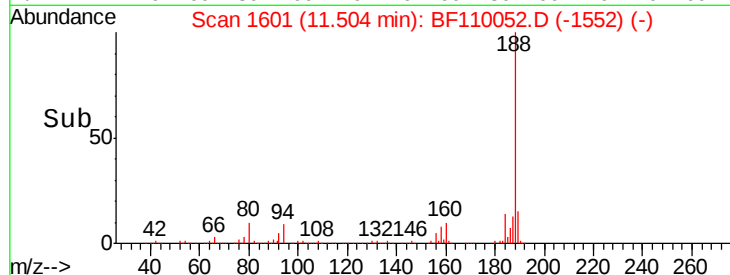
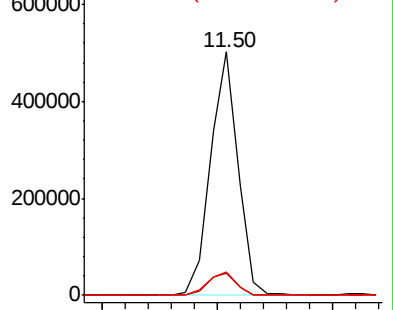
80 9.7 7.9 11.9



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: BF110052.D

Acq: 22 Oct 2018 16:44

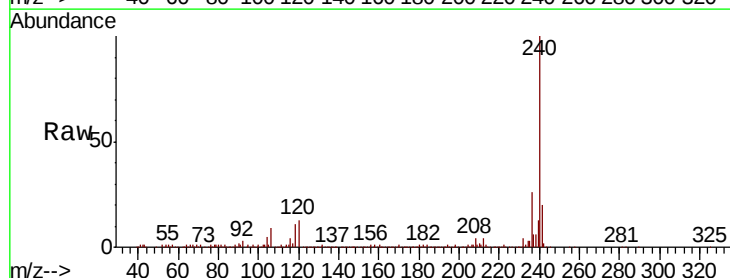
Tgt Ion:240 Resp: 313975

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

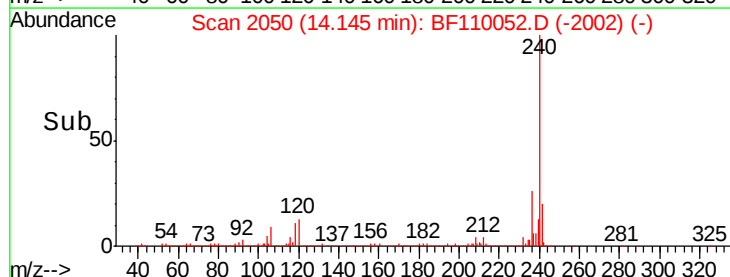
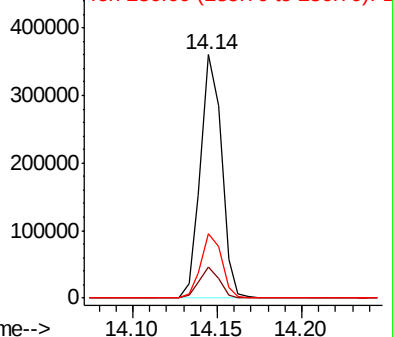
236 26.2 21.2 31.8

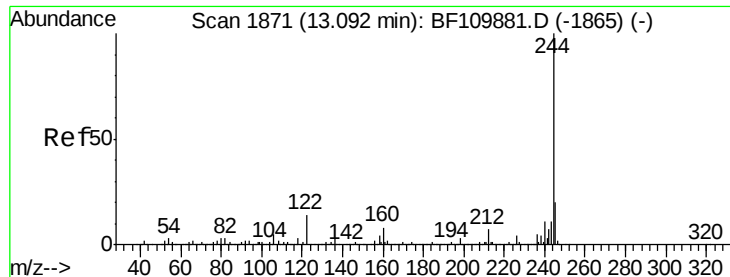


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



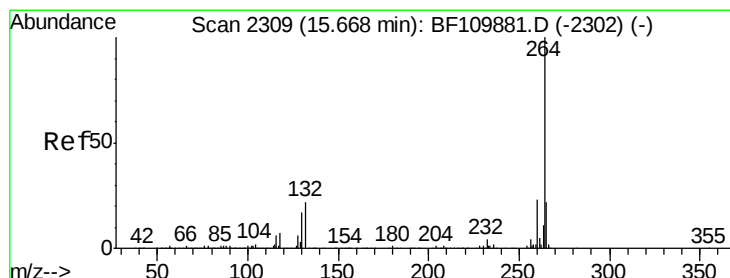
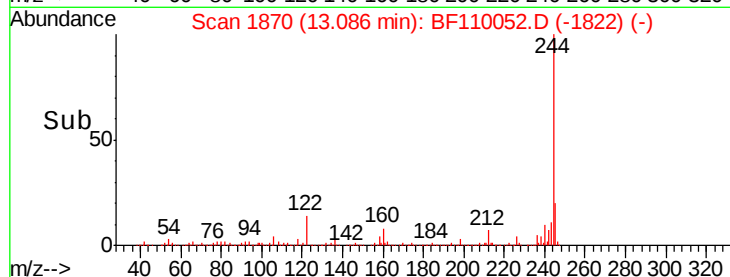
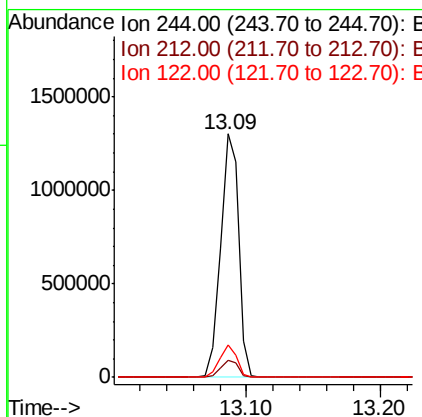
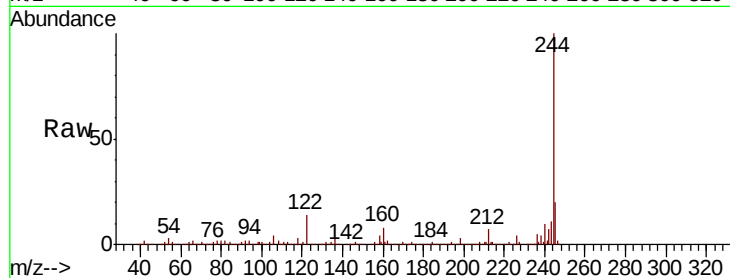


#79
 Terphenyl-d14
 Concen: 82.999 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110052.D
 Acq: 22 Oct 2018 16:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1240973

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.5	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: BF110052.D
 Acq: 22 Oct 2018 16:44

Tgt Ion:264 Resp: 231650

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.1	16.7	25.1

