

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110218.D
 Acq On : 26 Oct 2018 19:10
 Operator : JU/SJ
 Sample : J5624-07 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-02A

Quant Time: Oct 27 00:15:25 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

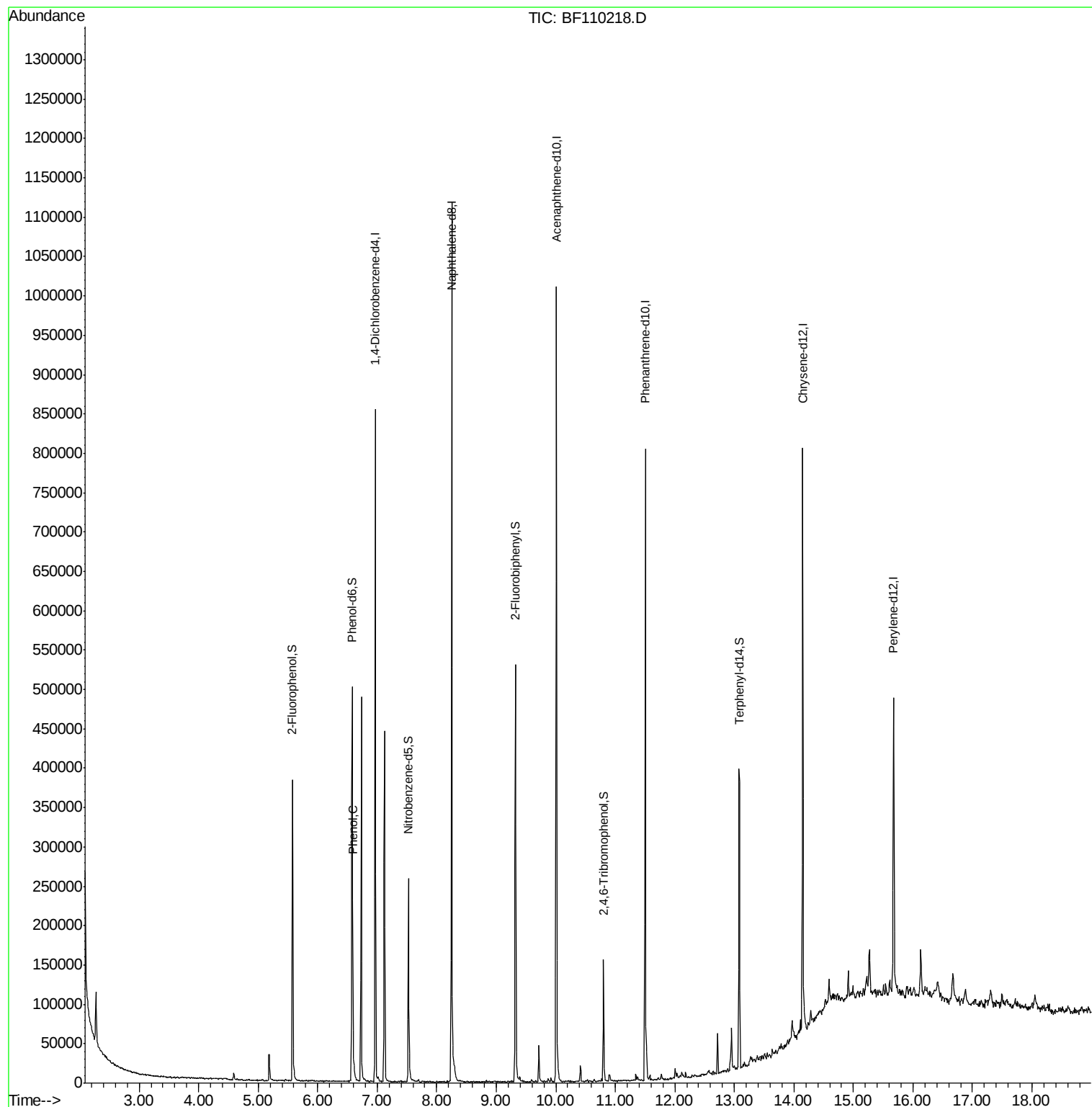
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130445	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	517265	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	198344	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	311120	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	233715	20.00	ng	-0.01
87) Perylene-d12	15.67	264	155796	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	118886	14.84	ng	-0.02
7) Phenol-d6	6.58	99	159562	15.57	ng	-0.02
23) Nitrobenzene-d5	7.52	82	92793	10.64	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	18478	9.40	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	177808	14.08	ng	-0.02
79) Terphenyl-d14	13.09	244	125939	11.21	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	22038	2.012	ng	Qvalue # 66

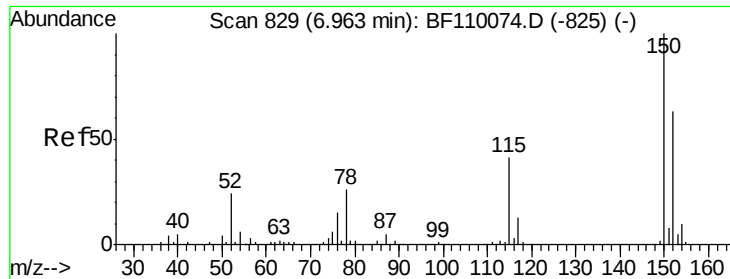
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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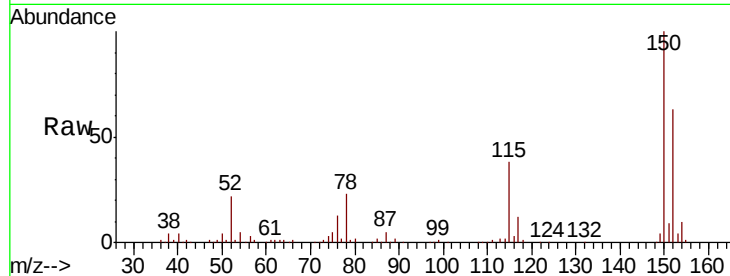


#1

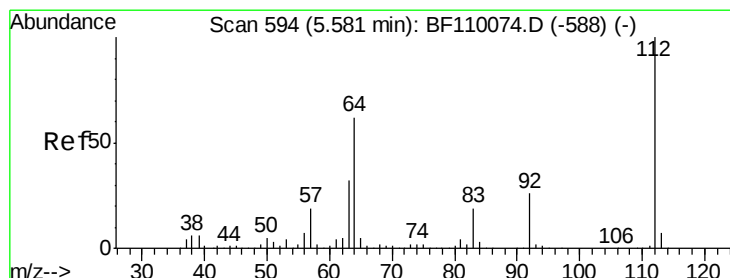
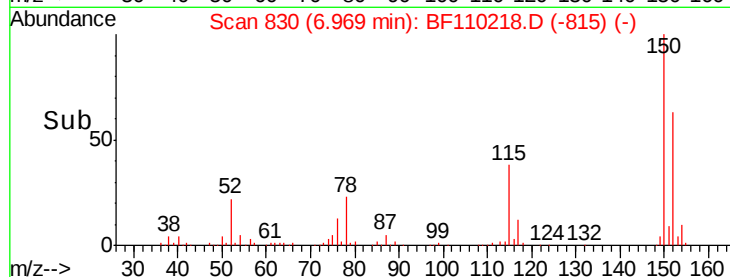
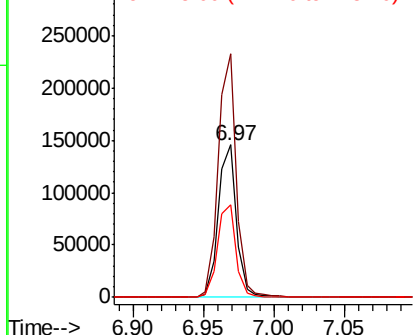
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Instrument :
BNA_F
ClientSampleId :
PA-SB-02A

Tot Ion:152 Resp: 130445
Ion Ratio Lower Upper
152 100
150 160.0 122.7 184.1
115 61.0 49.1 73.7



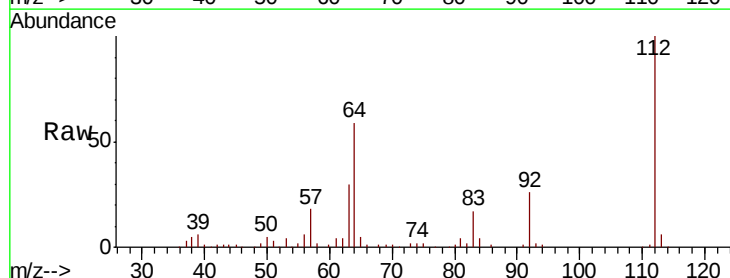
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



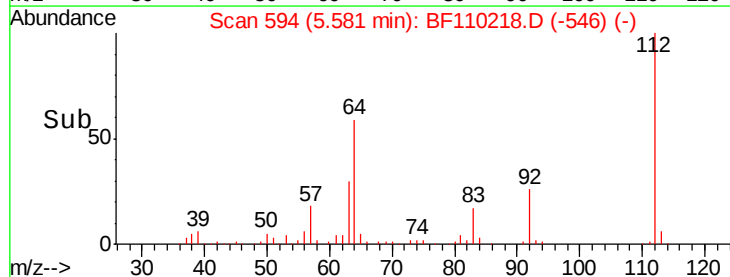
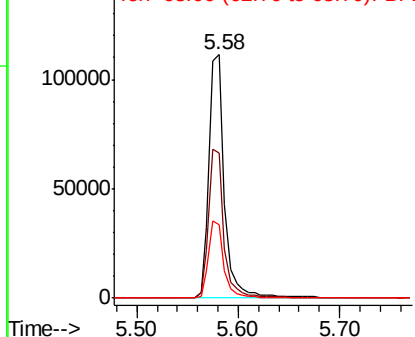
#5

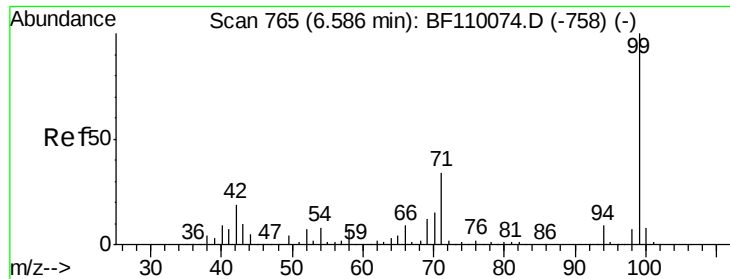
2-Fluorophenol
Concen: 14.842 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion:112 Resp: 118886
Ion Ratio Lower Upper
112 100
64 59.3 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: 15.573 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_F

ClientSampleId :

PA-SB-02A

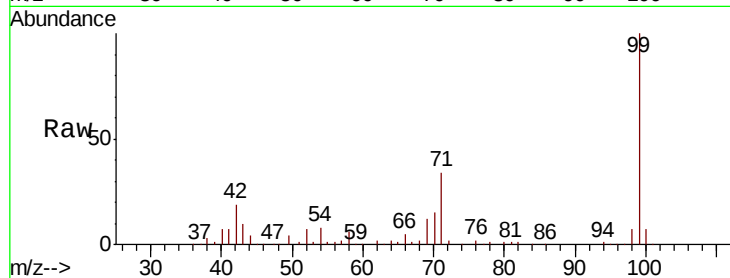
Tot Ion: 99 Resp: 159562

Ion Ratio Lower Upper

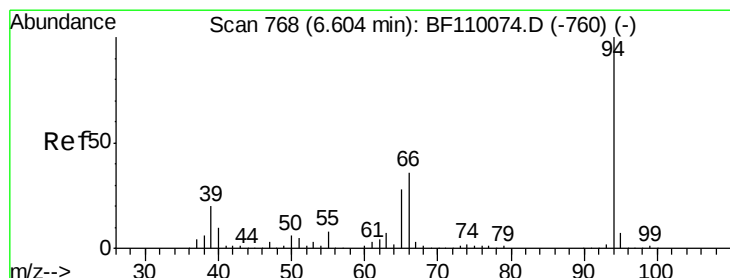
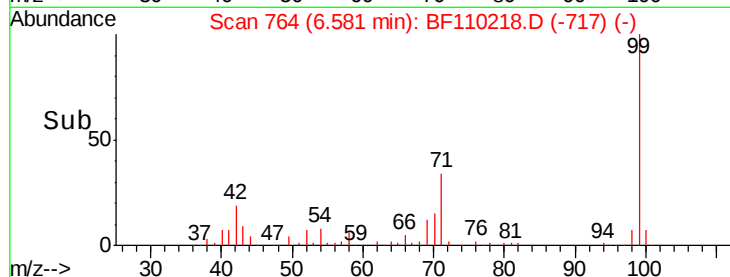
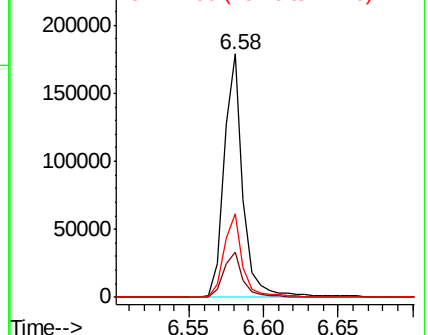
99 100

42 18.7 15.8 23.6

71 34.1 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



#10

Phenol

Concen: 2.012 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

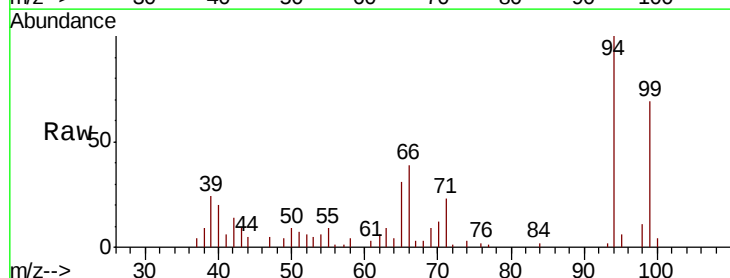
Tgt Ion: 94 Resp: 22038

Ion Ratio Lower Upper

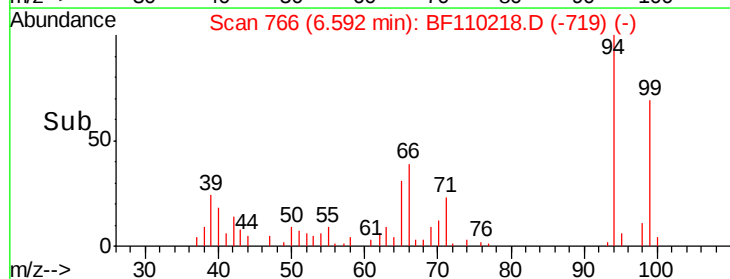
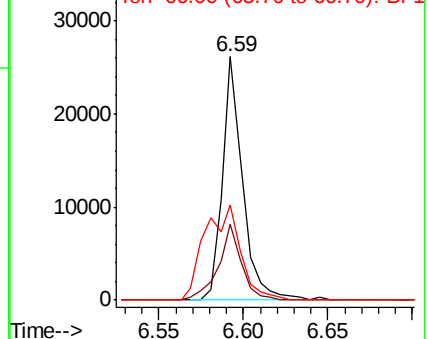
94 100

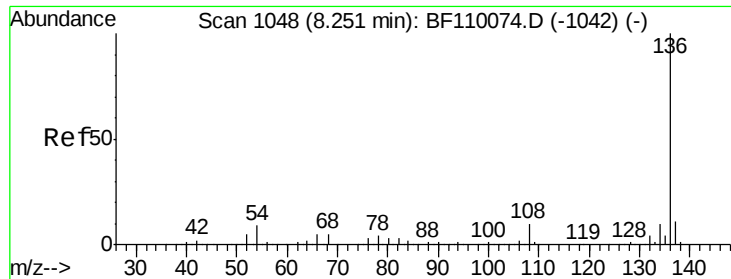
65 31.1 25.3 65.3

66 39.0 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: BF110218.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_F

ClientSampleId :

PA-SB-02A

Tot Ion:136 Resp: 517265

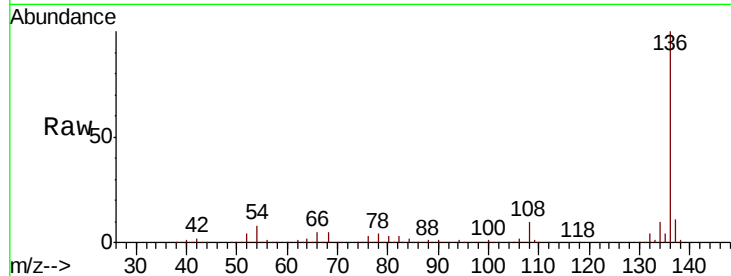
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.1 5.4 8.2

68 5.3 4.2 6.2

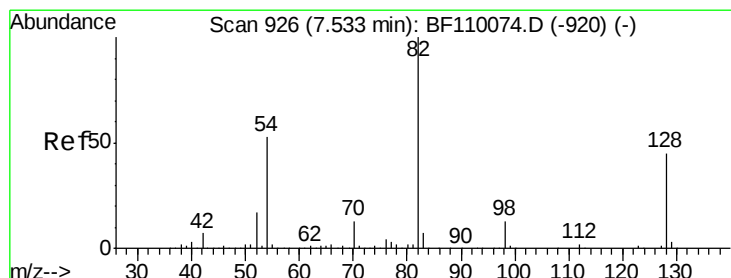
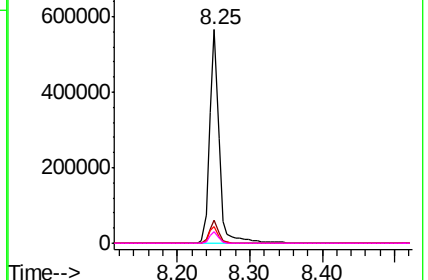
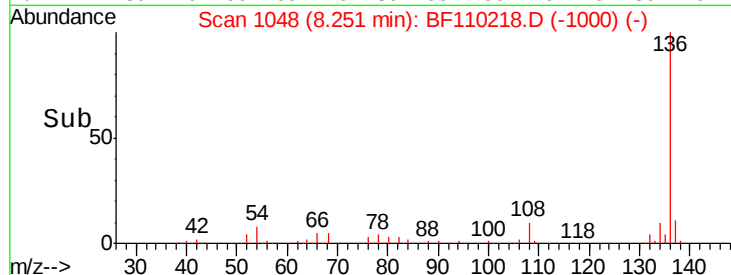


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.640 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.03 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

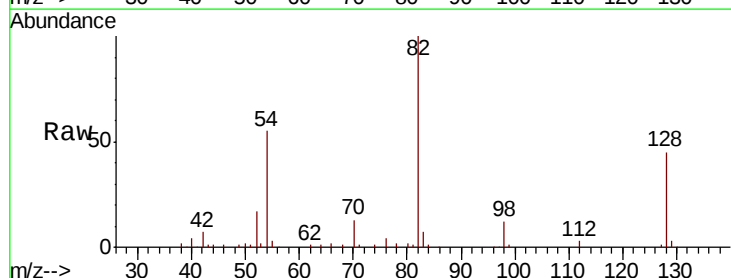
Tgt Ion: 82 Resp: 92793

Ion Ratio Lower Upper

82 100

128 44.5 34.2 51.2

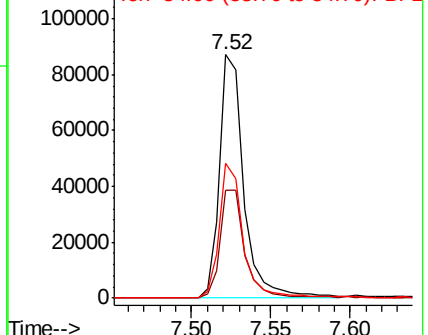
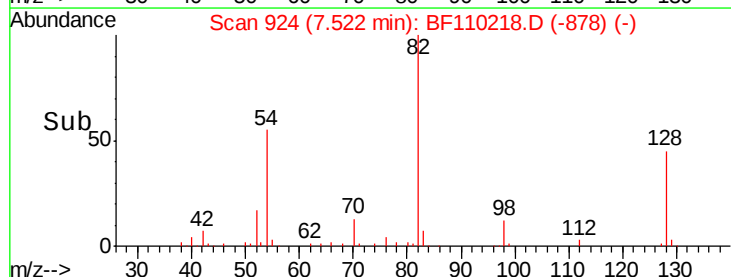
54 55.4 38.6 58.0

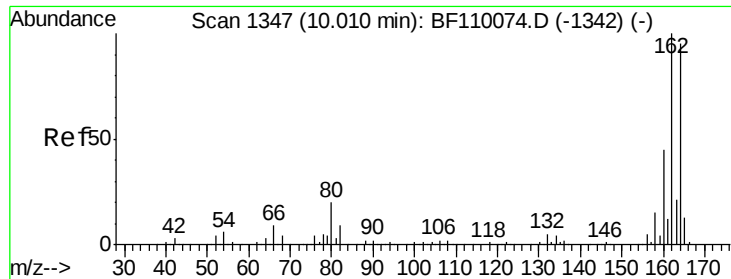


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF110218.D

Acq: 26 Oct 2018 19:10

Instrument :

BNA_F

ClientSampleId :

PA-SB-02A

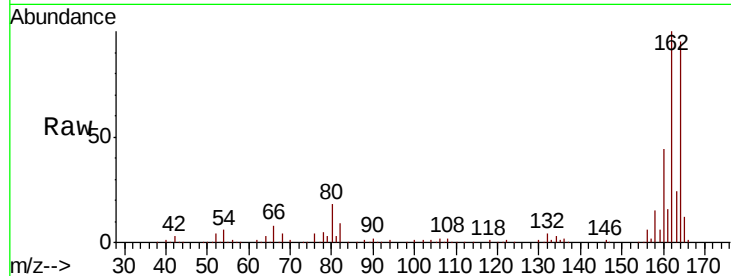
Tot Ion:164 Resp: 198344

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.6

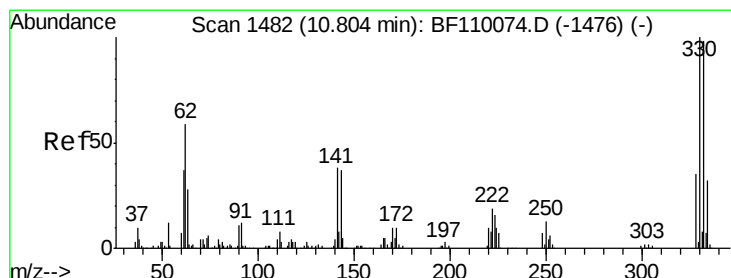
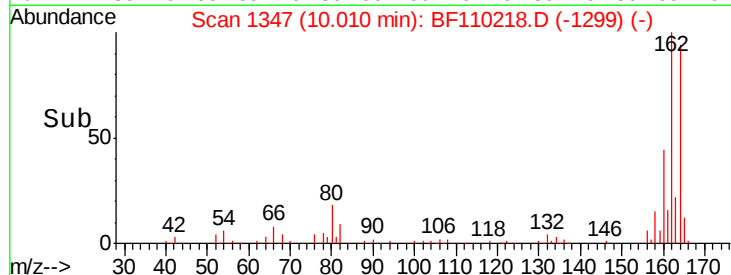
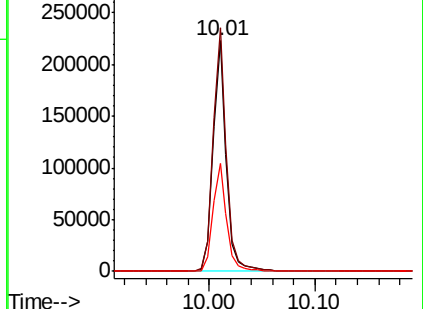
160 46.7 37.0 55.6



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: 9.405 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110218.D

Acq: 26 Oct 2018 19:10

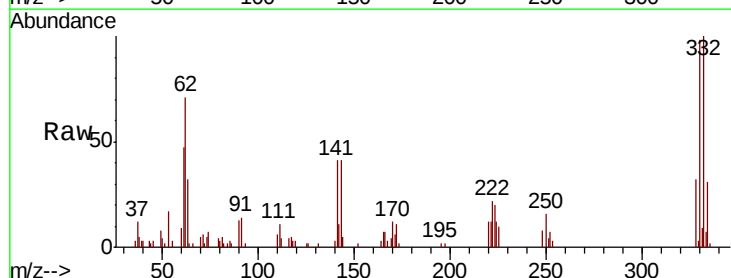
Tgt Ion:330 Resp: 18478

Ion Ratio Lower Upper

330 100

332 100.0 77.1 115.7

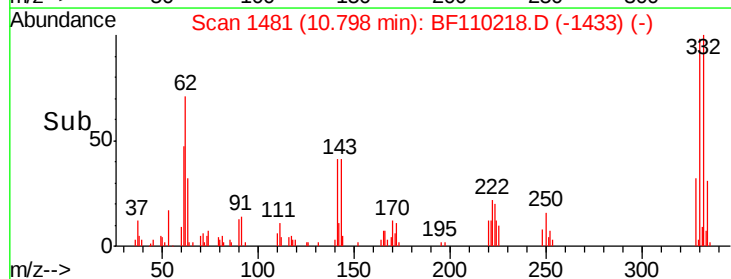
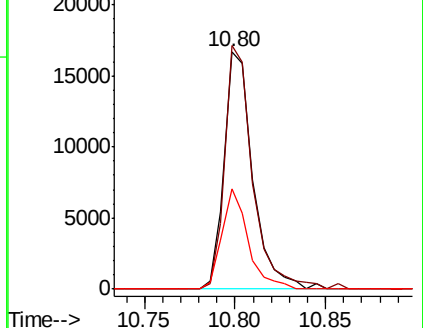
141 38.1 27.0 40.4

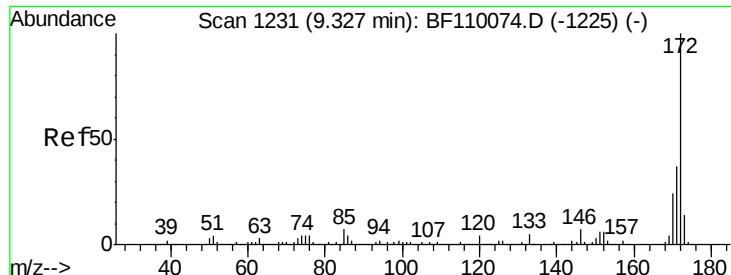


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

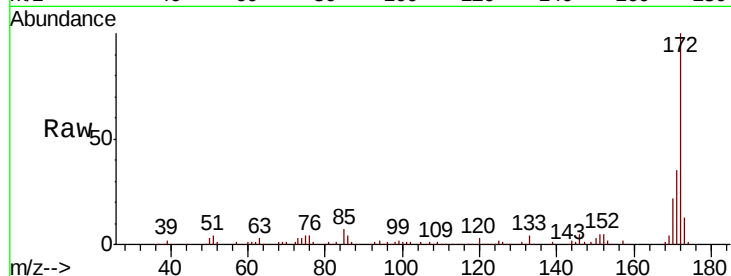




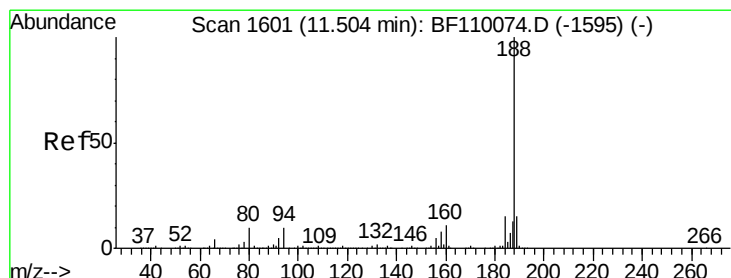
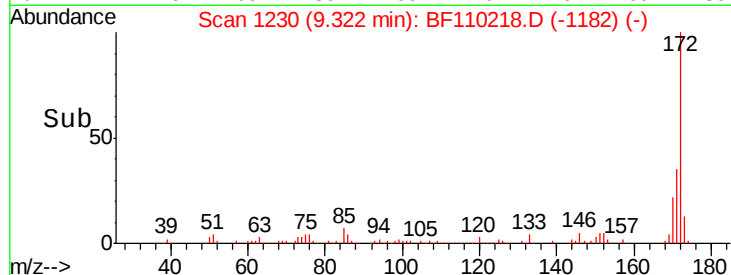
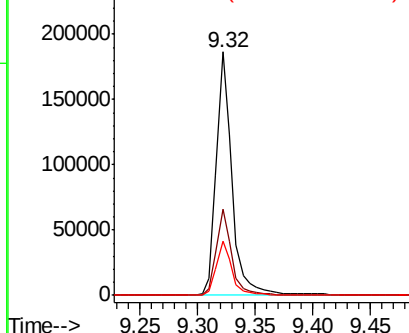
#45
 2-Fluorobiphenyl
 Concen: 14.077 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110218.D
 Acq: 26 Oct 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-02A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	22.3	19.7	29.5

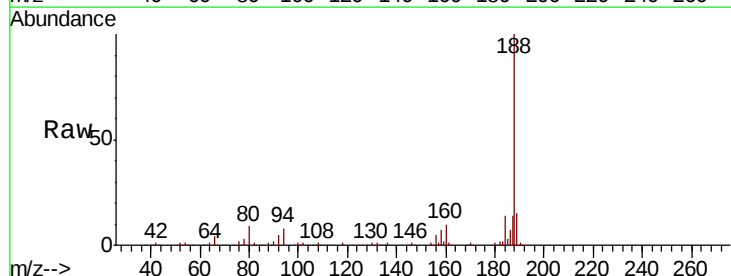


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

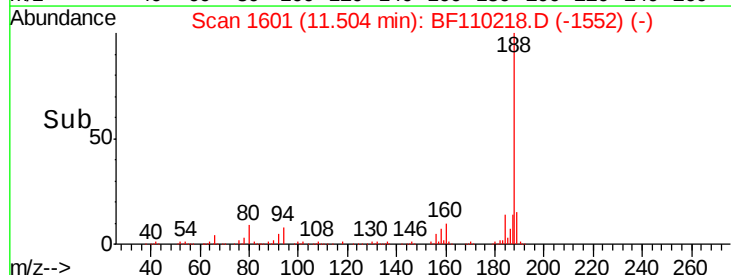
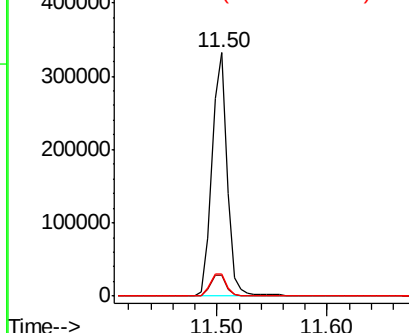


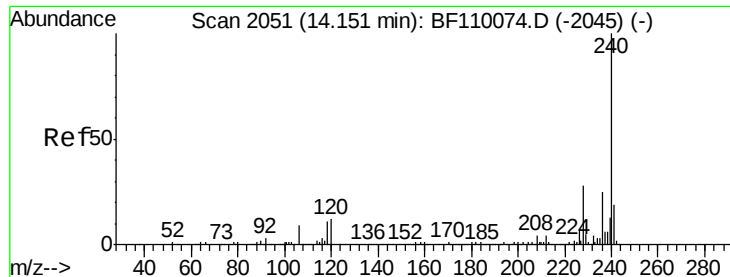
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110218.D
 Acq: 26 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.9	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

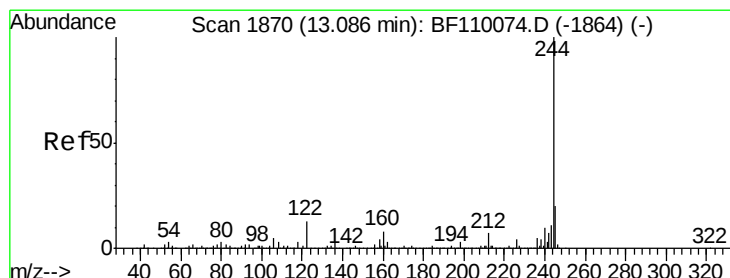
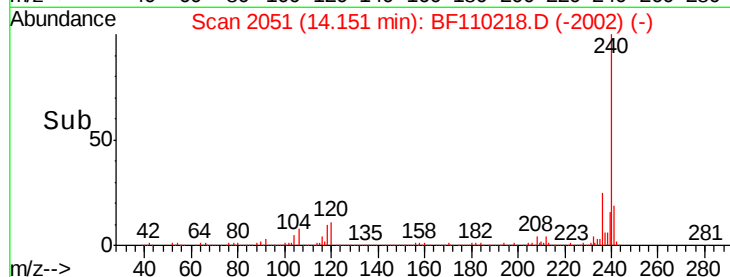
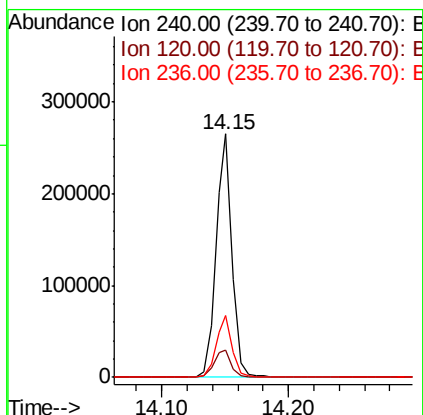
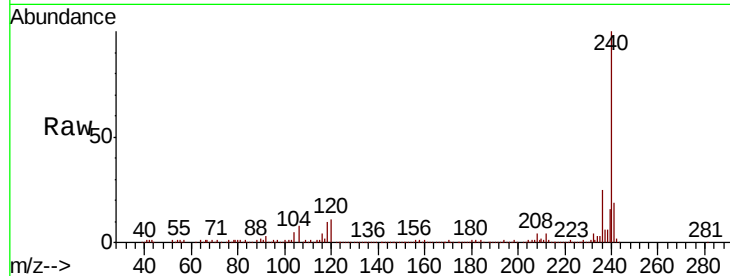




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

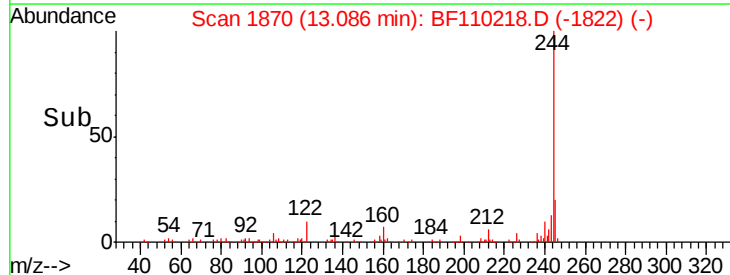
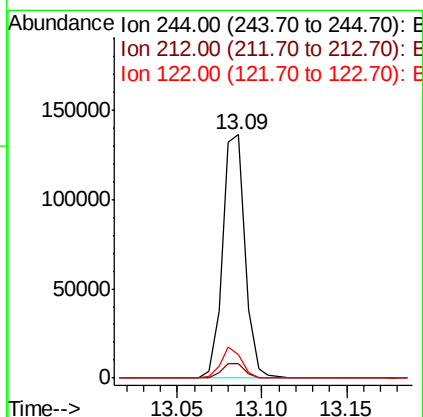
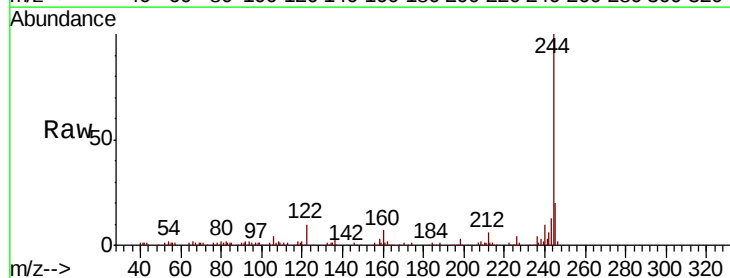
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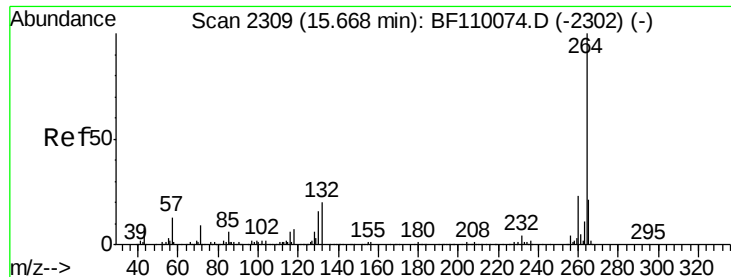
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.3	21.2	31.8



#79
Terphenyl-d14
Concen: 11.207 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110218.D
Acq: 26 Oct 2018 19:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	9.8	8.7	13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110218.D
 Acq: 26 Oct 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-02A

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

