

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110128.D
 Acq On : 24 Oct 2018 21:18
 Operator : JU/SJ
 Sample : J5620-01 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:15:04 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

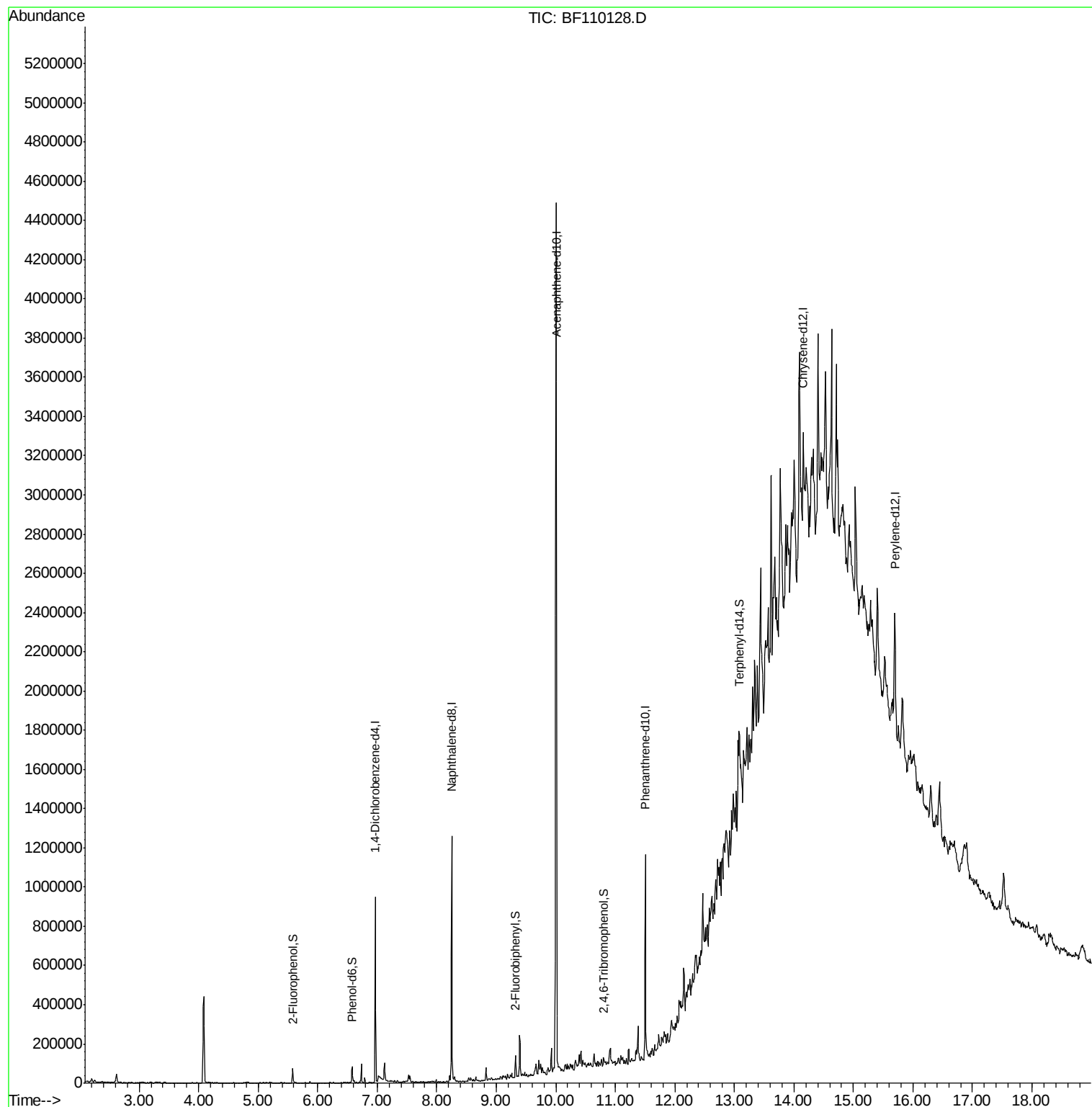
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	134266	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	529480	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	196154	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	344542	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	223386	20.00	ng	0.00
87) Perylene-d12	15.70	264	174507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	22720	2.76	ng	-0.02
7) Phenol-d6	6.58	99	31027	2.94	ng	-0.02
23) Nitrobenzene-d5	7.53	82	14840	1.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	4091	2.11	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	35366	2.83	ng	-0.02
79) Terphenyl-d14	13.09	244	26942	2.51	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	409	Below Cal	Qvalue #	78

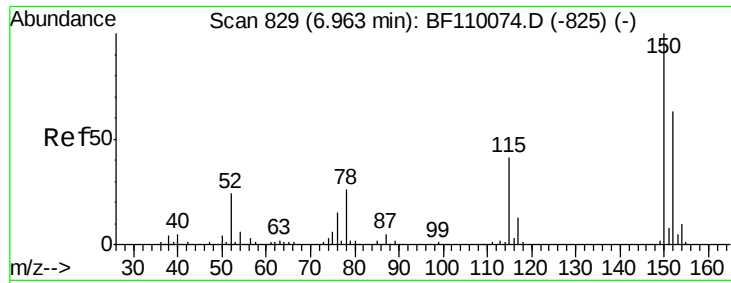
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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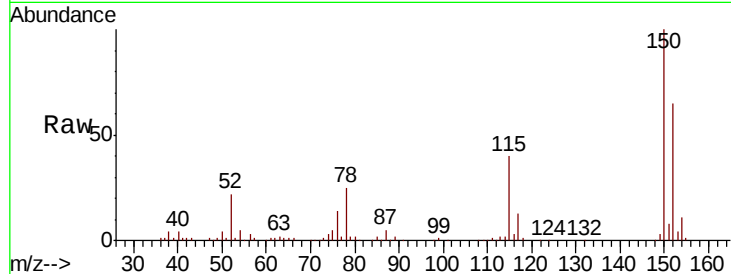


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110128.D
 Acq: 24 Oct 2018 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.7	184.1
115	62.6	49.1	73.7

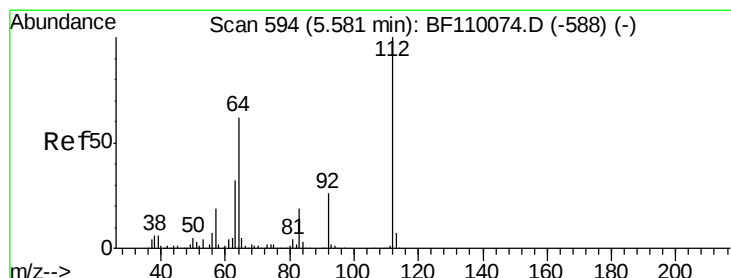
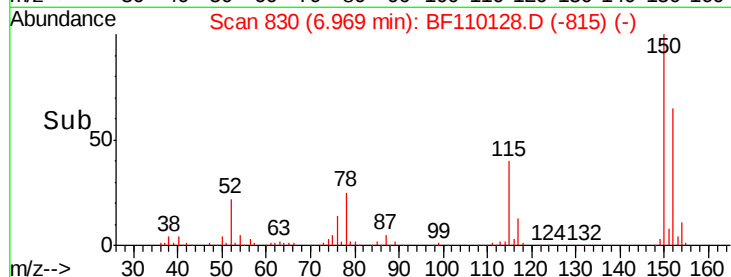
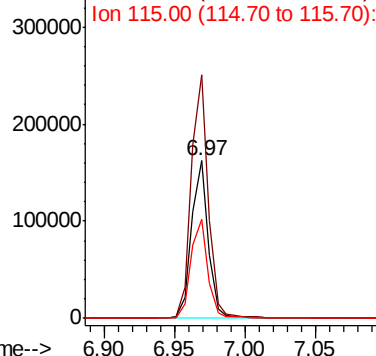


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

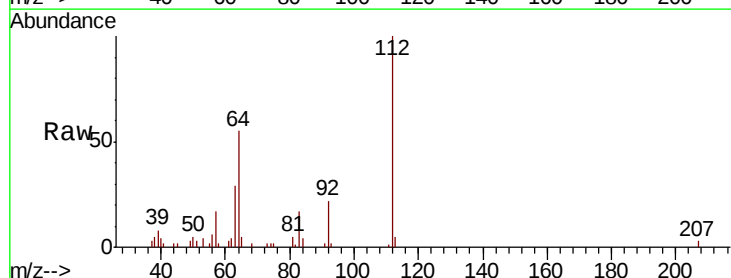
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 2.756 ng
 RT: 5.58 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF110128.D
 Acq: 24 Oct 2018 21:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	28.8	23.7	35.5

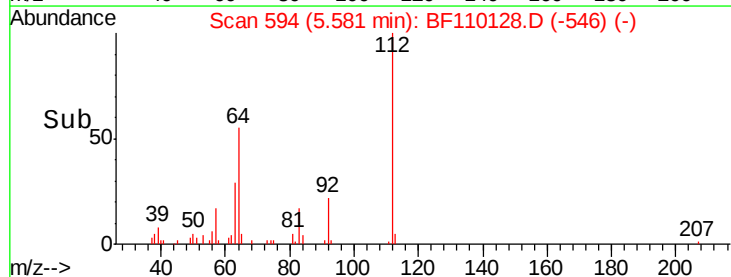
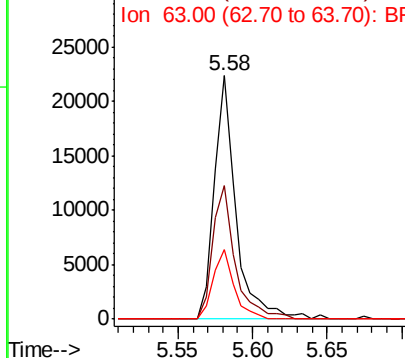


Abundance

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: 2.942 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110128.D

Acq: 24 Oct 2018 21:18

Instrument :

BNA_F

ClientSampleId :

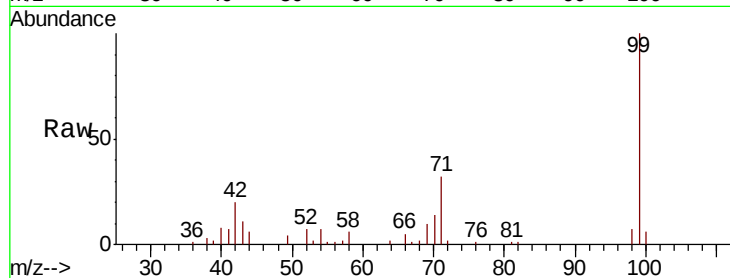
Tot Ion: 99 Resp: 31027

Ion Ratio Lower Upper

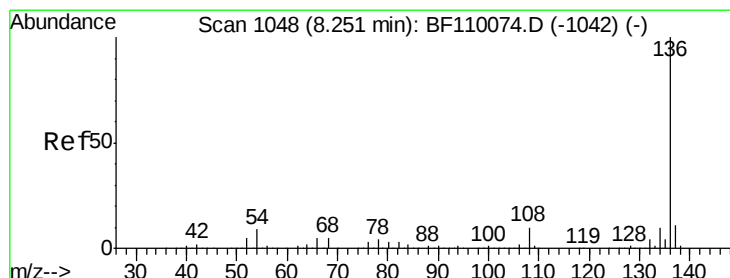
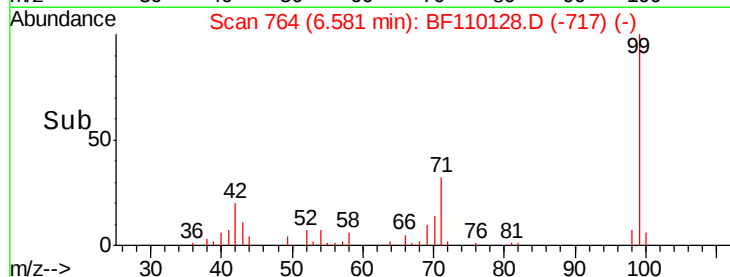
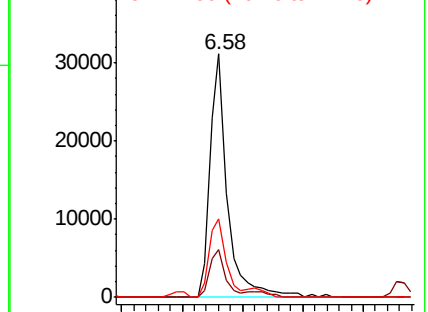
99 100

42 19.8 15.8 23.6

71 32.1 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: BF110128.D

Acq: 24 Oct 2018 21:18

Tgt Ion: 136 Resp: 529480

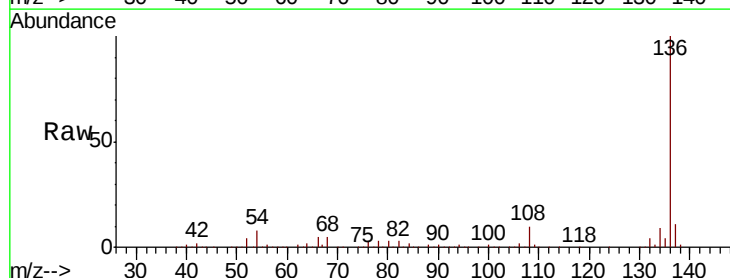
Ion Ratio Lower Upper

136 100

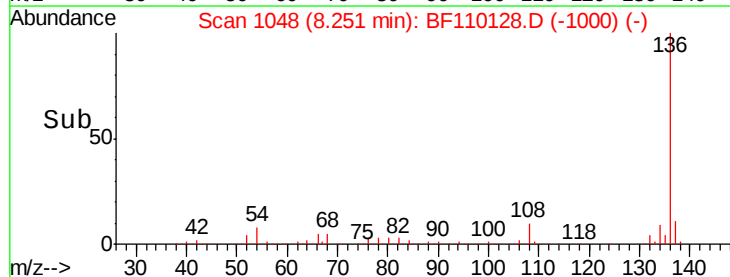
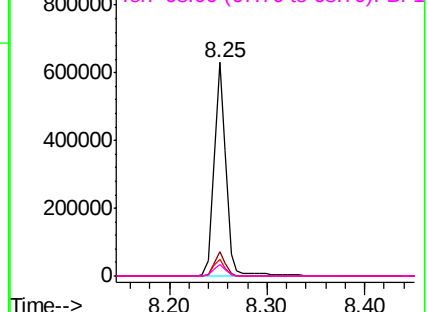
137 11.2 8.8 13.2

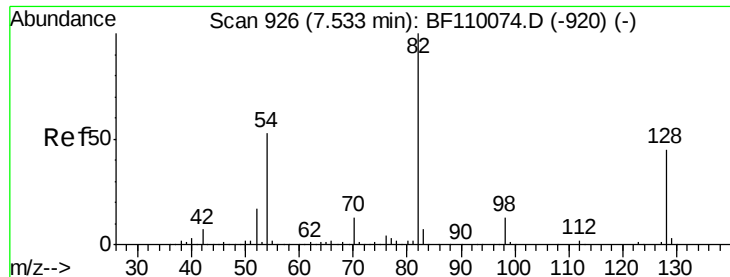
54 7.8 5.4 8.2

68 5.5 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

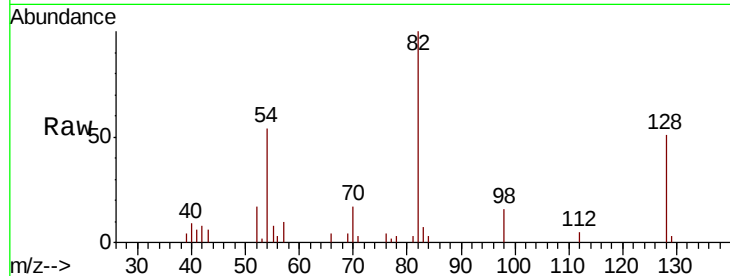




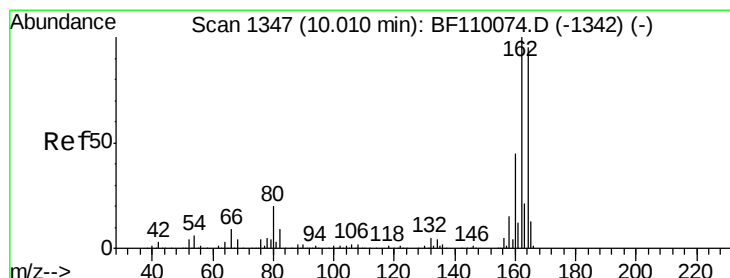
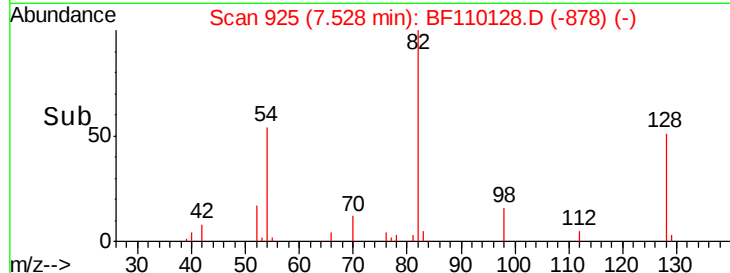
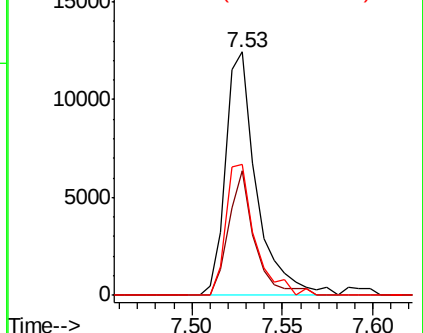
#23
 Nitrobenzene-d5
 Concen: 1.662 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110128.D
 Acq: 24 Oct 2018 21:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 14840
 Ion Ratio Lower Upper
 82 100
 128 51.1 34.2 51.2
 54 54.0 38.6 58.0

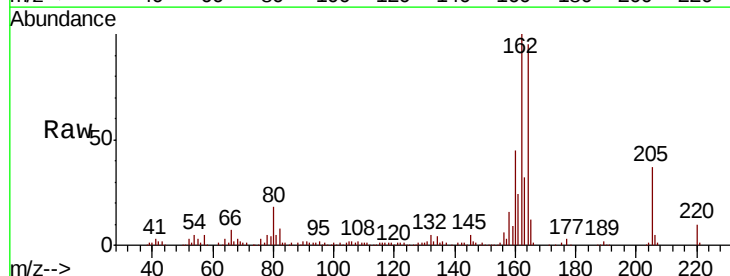


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

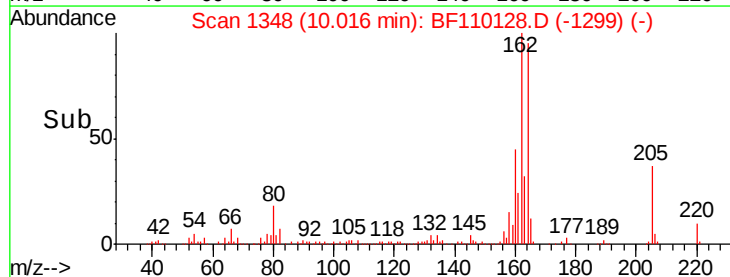
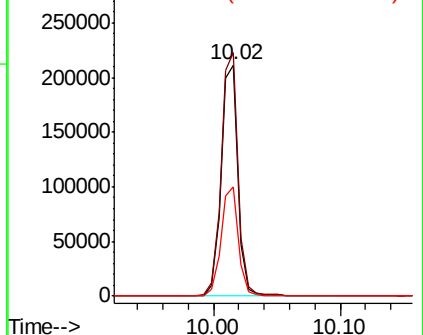


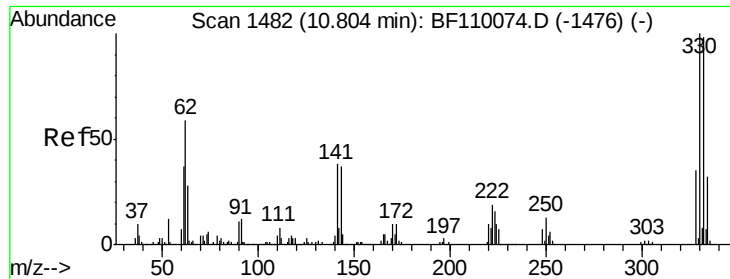
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF110128.D
 Acq: 24 Oct 2018 21:18

Tgt Ion:164 Resp: 196154
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.0 124.6
 160 47.1 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

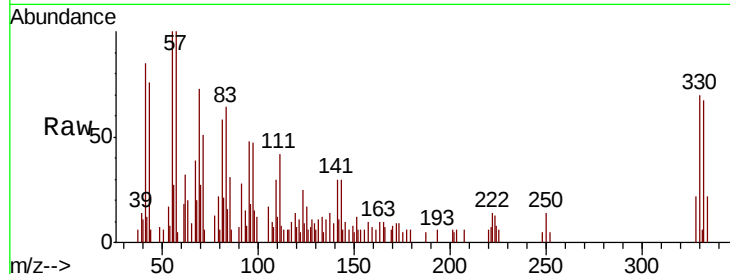




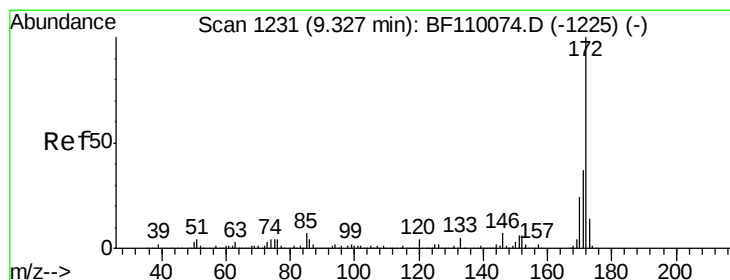
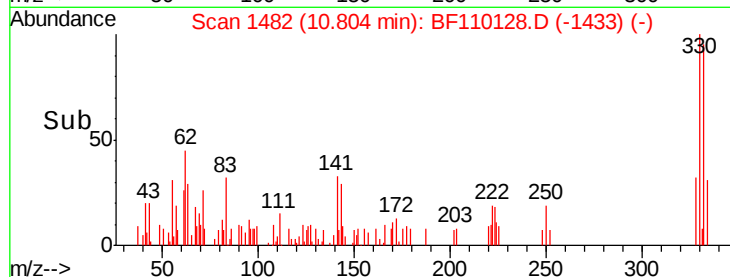
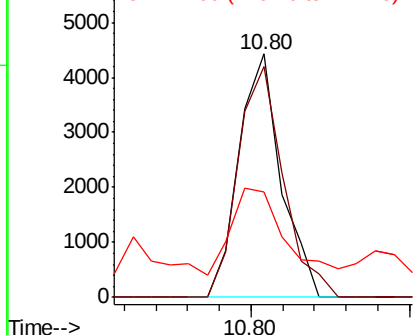
#42
 2,4,6-Tribromophenol
 Concen: 2.105 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110128.D
 Acq: 24 Oct 2018 21:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 4091
 Ion Ratio Lower Upper
 330 100
 332 101.5 77.1 115.7
 141 42.5 27.0 40.4#

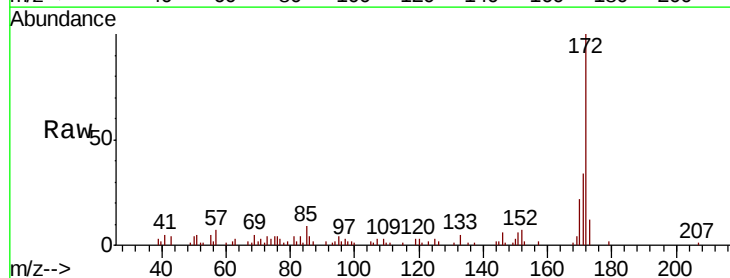


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

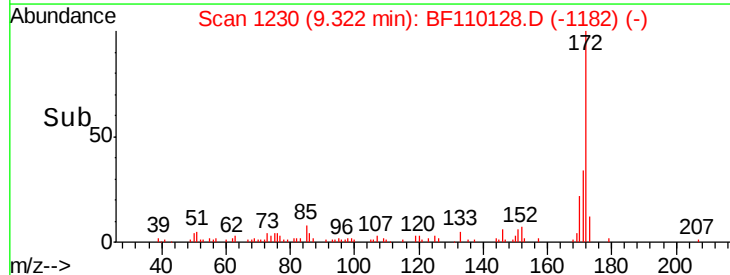
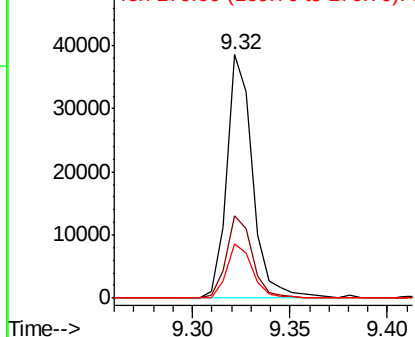


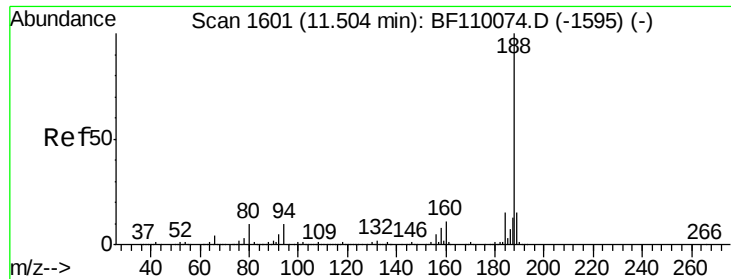
#45
 2-Fluorobiphenyl
 Concen: 2.831 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110128.D
 Acq: 24 Oct 2018 21:18

Tgt Ion:172 Resp: 35366
 Ion Ratio Lower Upper
 172 100
 171 33.7 28.6 43.0
 170 22.2 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

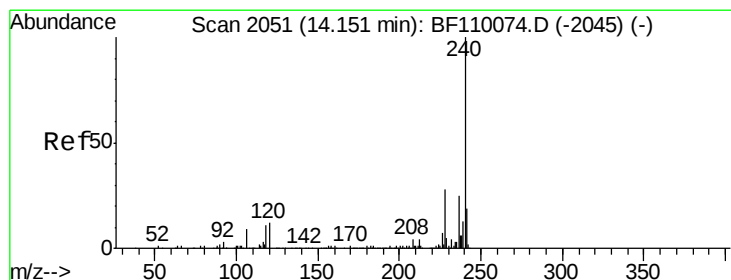
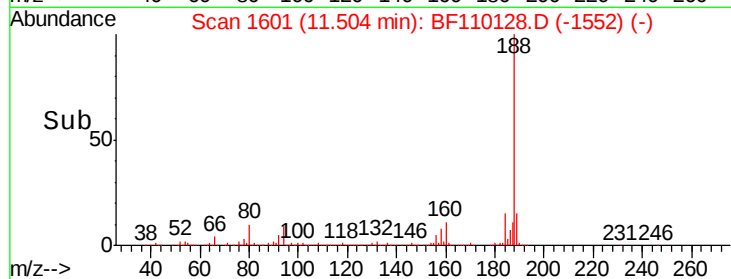
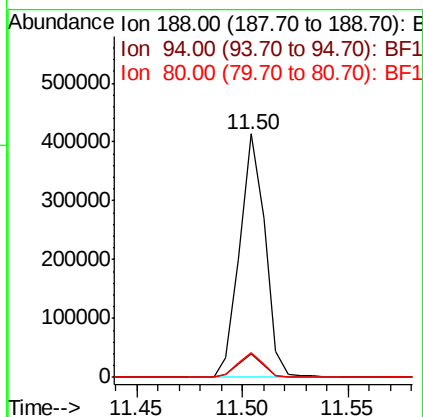
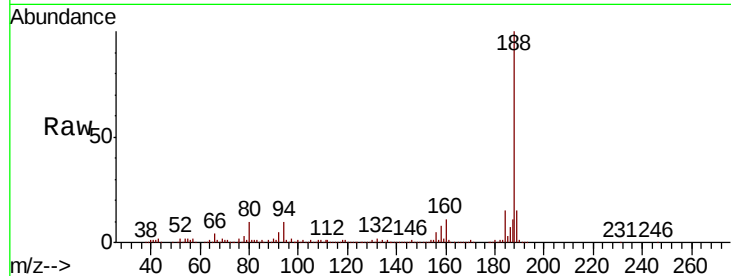




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110128.D
Acq: 24 Oct 2018 21:18

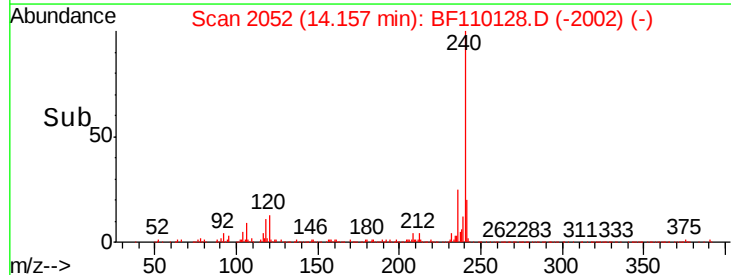
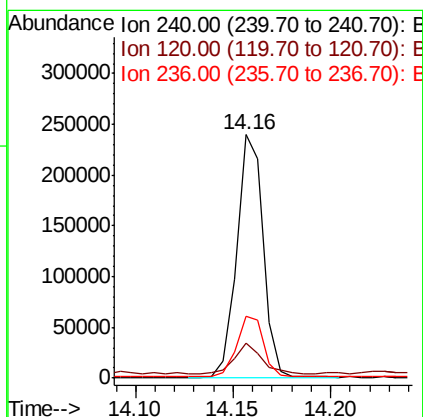
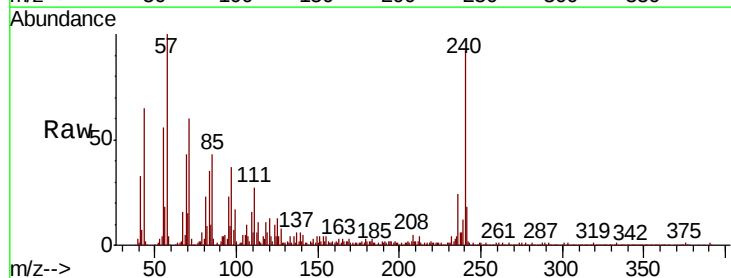
Instrument :
BNA_F
ClientSampled :

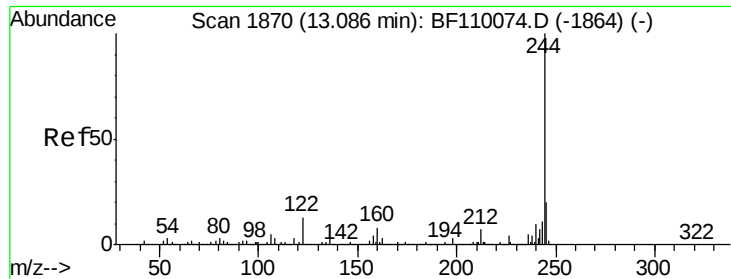
Tot Ion:188 Resp: 344542
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110128.D
Acq: 24 Oct 2018 21:18

Tgt Ion:240 Resp: 223386
Ion Ratio Lower Upper
240 100
120 14.3 8.3 12.5#
236 25.6 21.2 31.8





#79

Terphenyl-d14

Concen: 2.508 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110128.D

Acq: 24 Oct 2018 21:18

Instrument :

BNA_F

ClientSampleId :

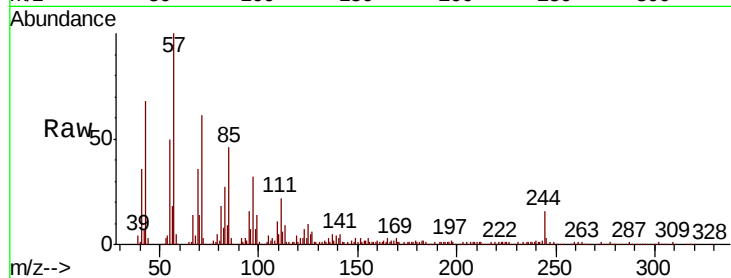
Tot Ion:244 Resp: 26942

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

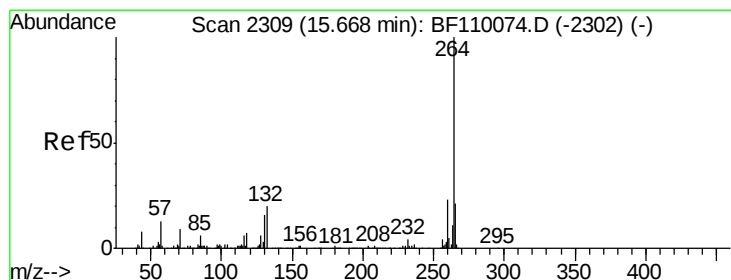
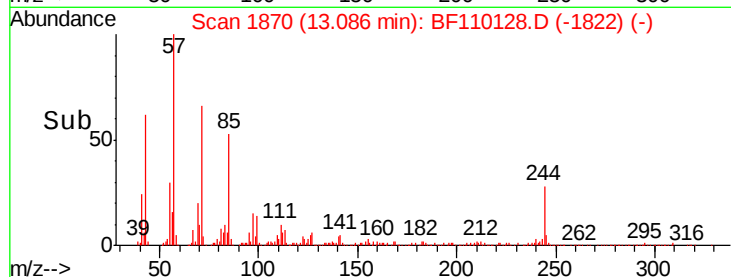
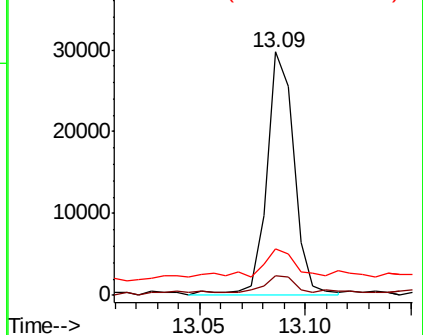
122 19.3 8.7 13.1#



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: 15.70 min Scan# 2314

Delta R.T. 0.01 min

Lab File: BF110128.D

Acq: 24 Oct 2018 21:18

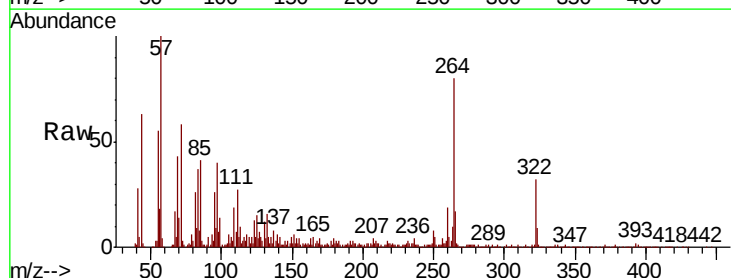
Tgt Ion:264 Resp: 174507

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.5 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

