

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111033.D
 Acq On : 28 Nov 2018 2:59
 Operator : JU/SJ
 Sample : J6071-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-S

Quant Time: Nov 28 04:05:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

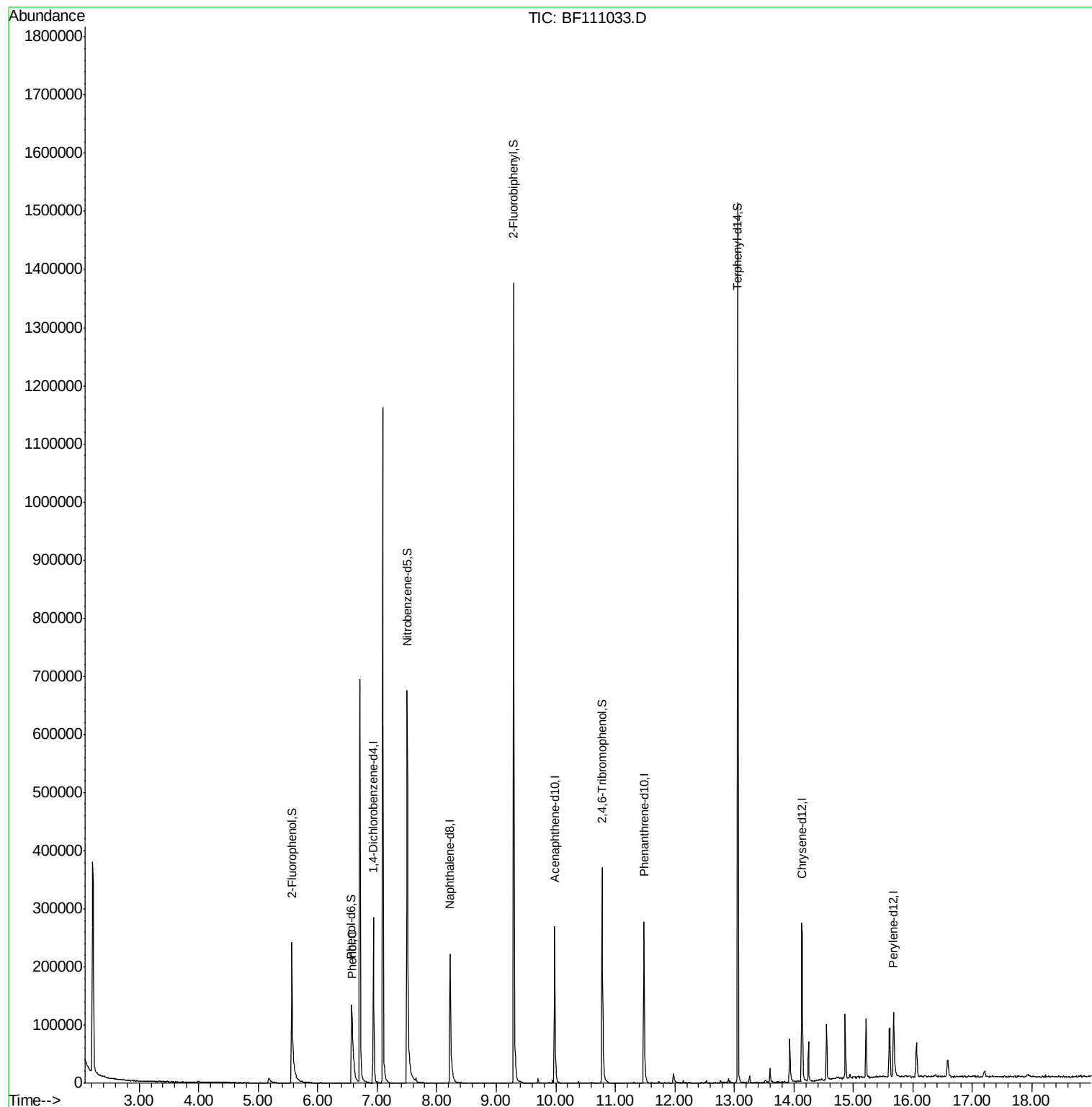
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	47705	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	174796	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	66552	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	132970	20.00	ng	0.00
76) Chrysene-d12	14.13	240	112137	20.00	ng	0.00
87) Perylene-d12	15.67	264	72150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	118815	41.30	ng	0.01
7) Phenol-d6	6.57	99	86821	23.16	ng	0.00
23) Nitrobenzene-d5	7.50	82	283984	92.98	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	60111	90.95	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	461925	100.56	ng	0.00
79) Terphenyl-d14	13.06	244	510960	88.70	ng	0.00
Target Compounds						
10) Phenol	6.59	94	14382	3.407	ng	Qvalue # 77

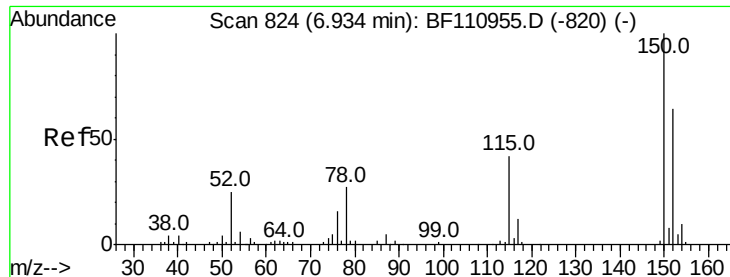
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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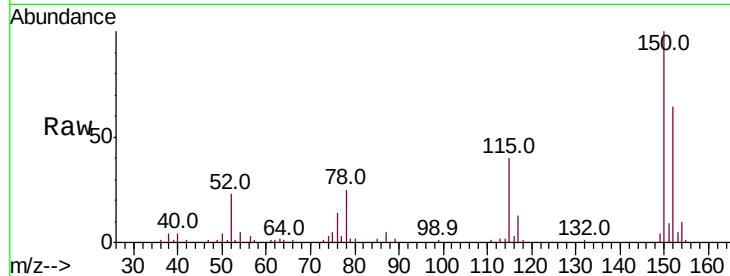


#1

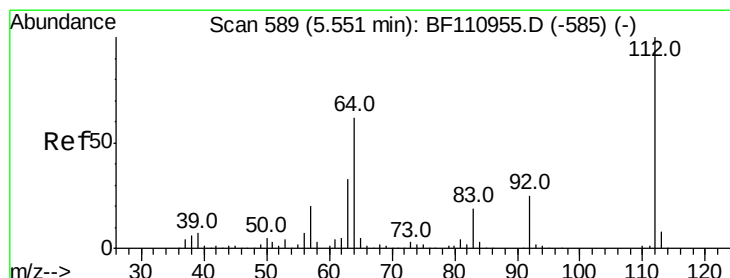
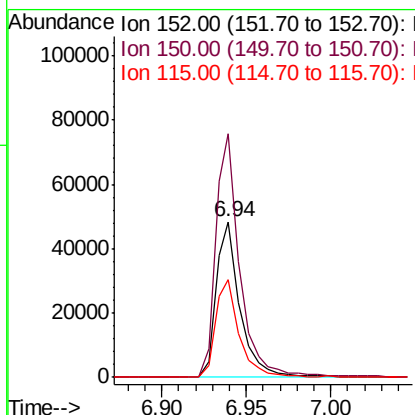
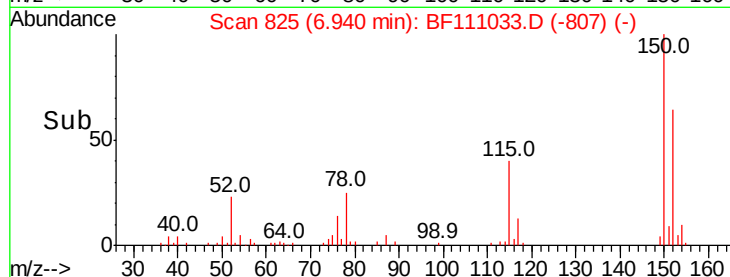
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
112418-CHDE-F-D-S

Tot Ion:152 Resp: 47705
Ion Ratio Lower Upper
152 100
150 156.3 122.7 184.1
115 62.7 49.1 73.7



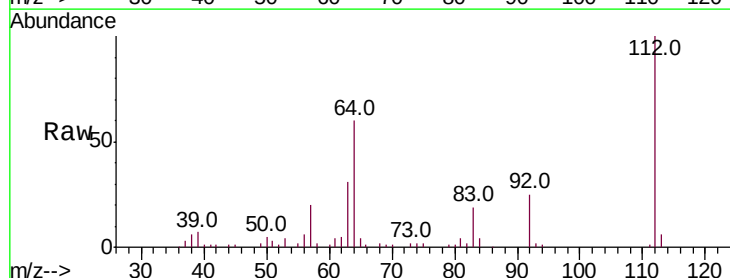
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



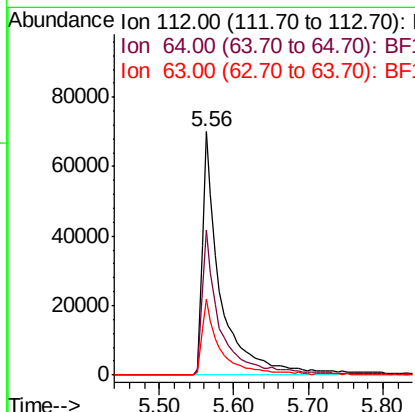
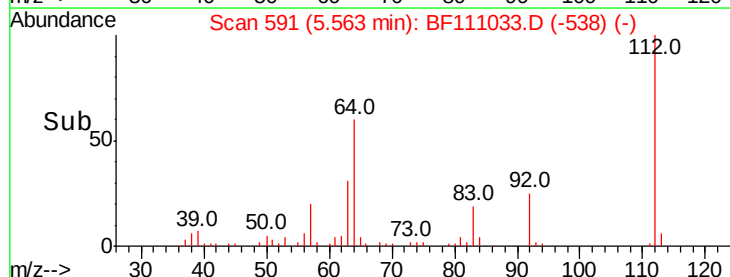
#5

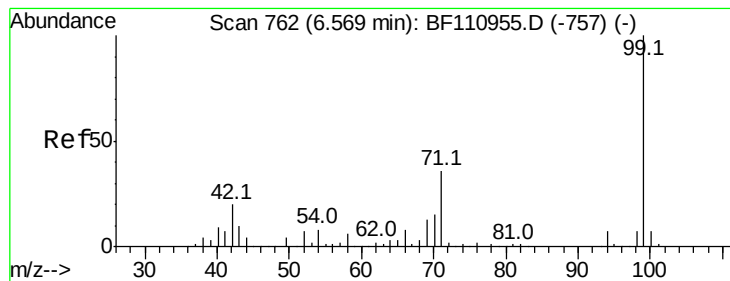
2-Fluorophenol
Concen: 41.302 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

Tgt Ion:112 Resp: 118815
Ion Ratio Lower Upper
112 100
64 59.6 44.1 66.1
63 31.0 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: 23.159 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-D-S

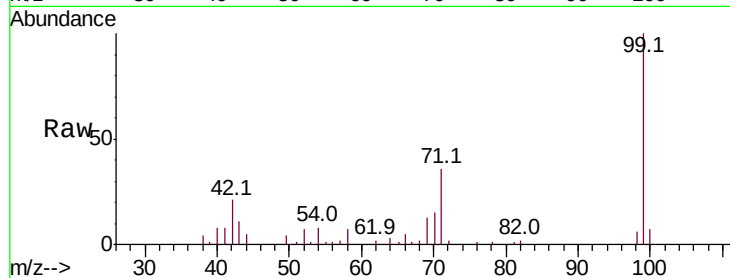
Tot Ion: 99 Resp: 86821

Ion Ratio Lower Upper

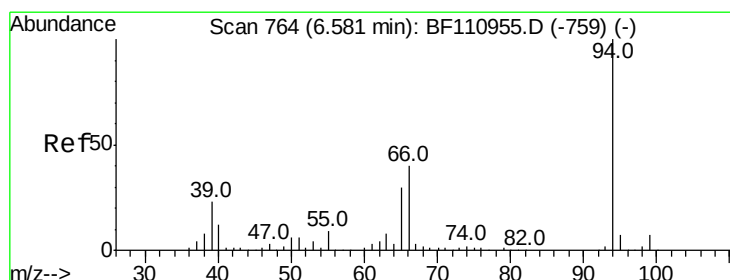
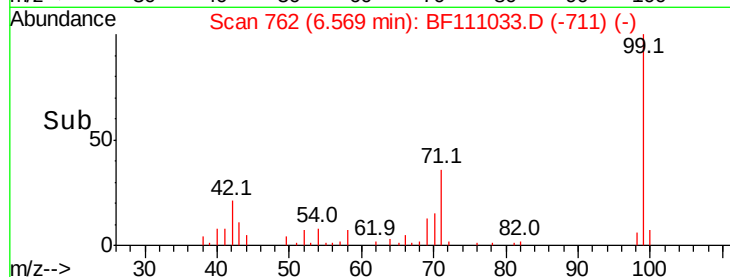
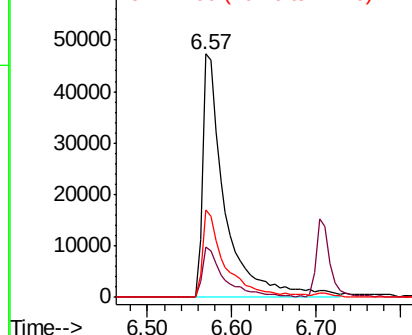
99 100

42 20.5 15.8 23.6

71 36.1 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: 3.407 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

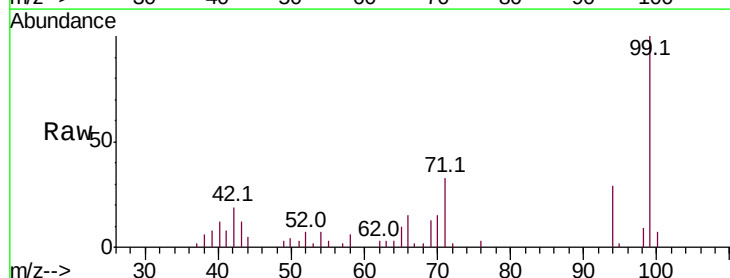
Tgt Ion: 94 Resp: 14382

Ion Ratio Lower Upper

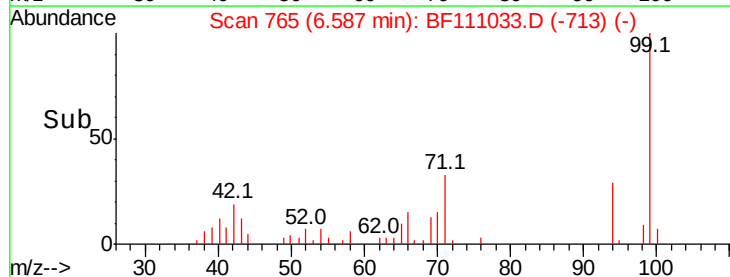
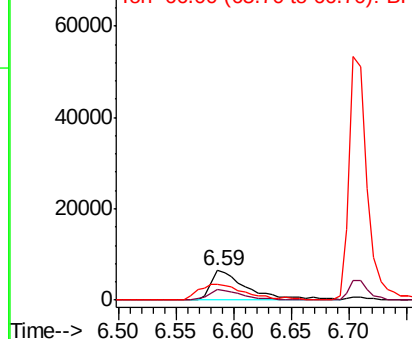
94 100

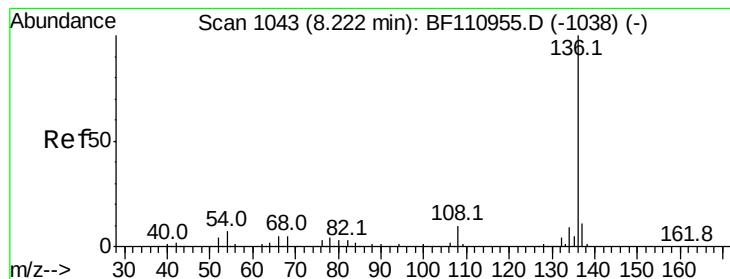
65 34.4 25.3 65.3

66 52.1 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: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-D-S

Tot Ion:136 Resp: 174796

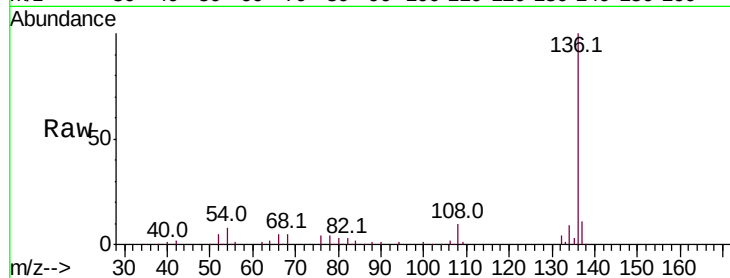
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 5.4 8.2

68 5.4 4.2 6.2

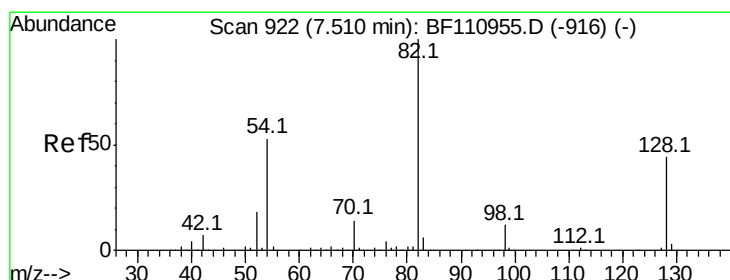
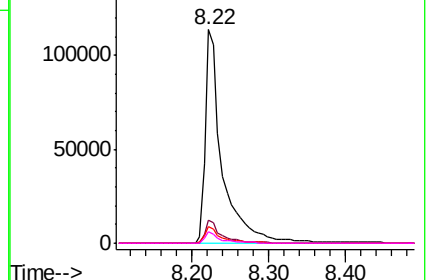
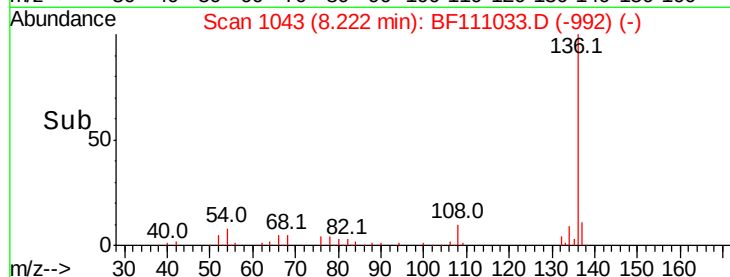


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.980 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

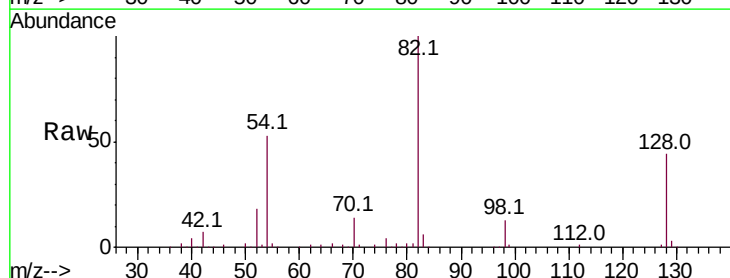
Tgt Ion: 82 Resp: 283984

Ion Ratio Lower Upper

82 100

128 44.1 34.2 51.2

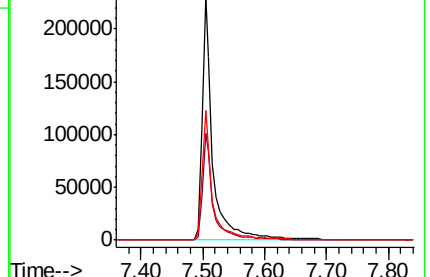
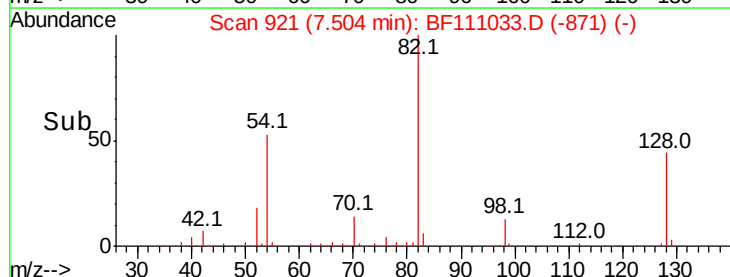
54 53.1 38.6 58.0

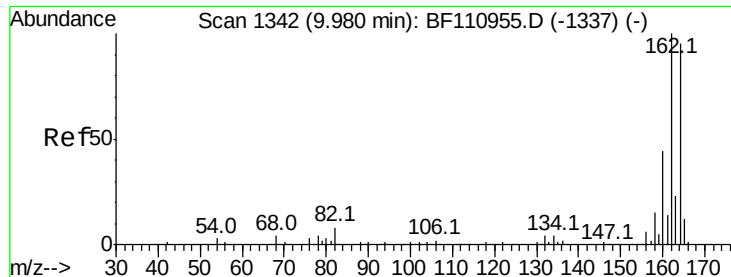


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

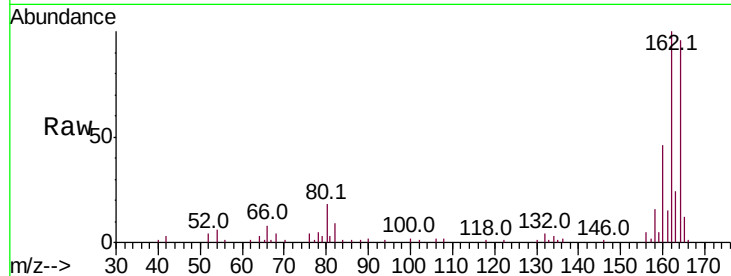




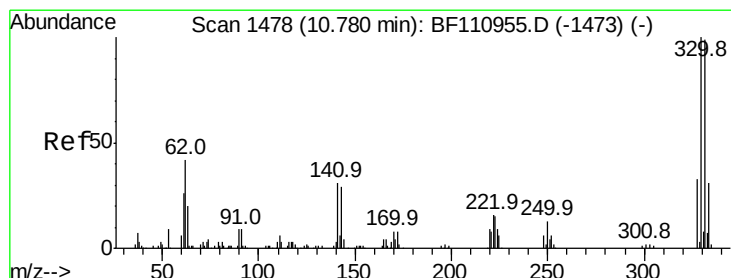
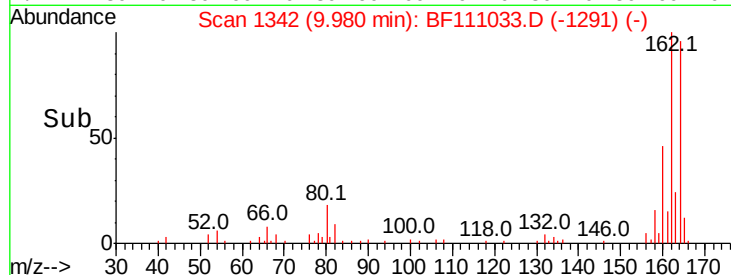
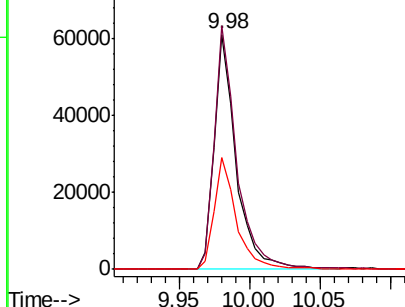
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-S

Tot Ion:164 Resp: 66552
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.0 124.6
 160 47.4 37.0 55.6

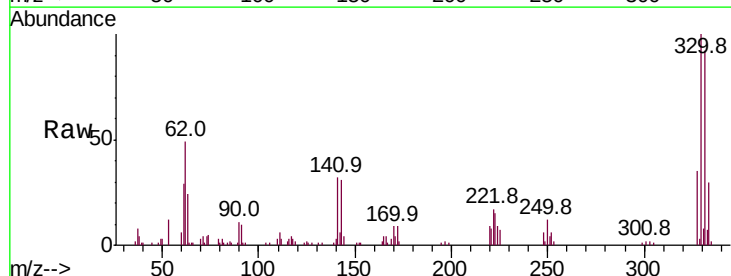


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

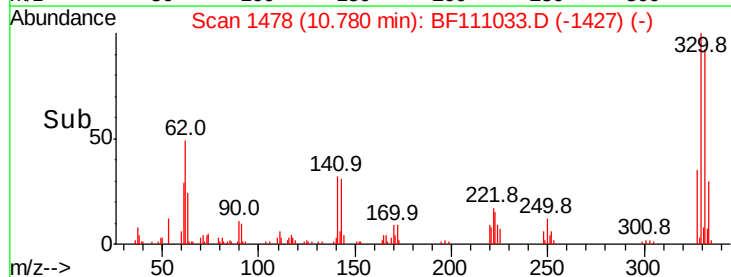
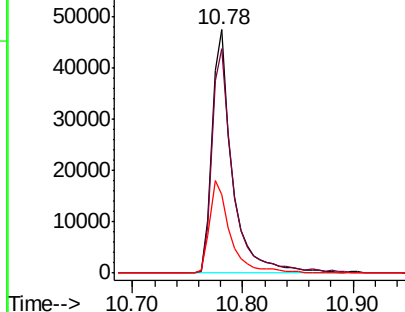


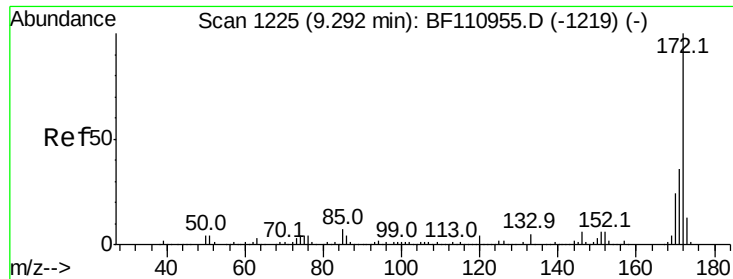
#42
 2,4,6-Tribromophenol
 Concen: 90.946 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

Tgt Ion:330 Resp: 60111
 Ion Ratio Lower Upper
 330 100
 332 96.4 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

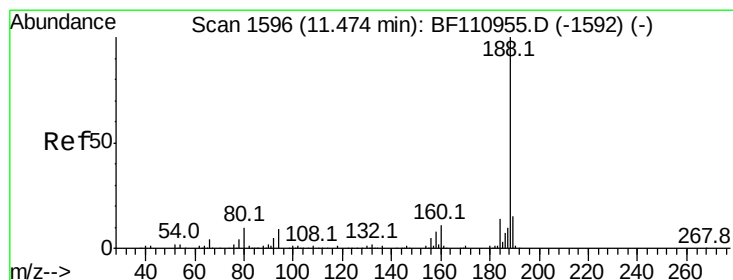
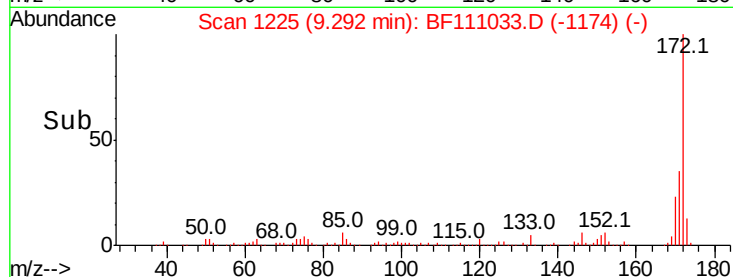
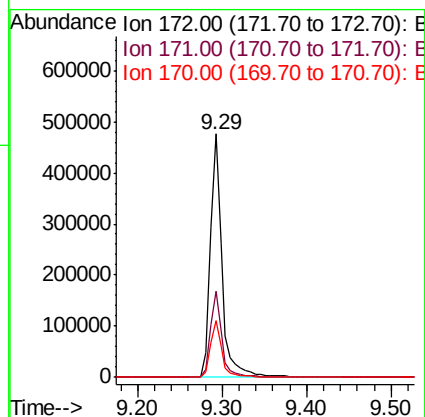
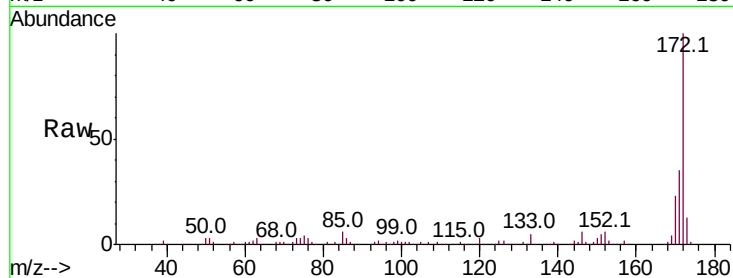




#45
2-Fluorobiphenyl
Concen: 100.557 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

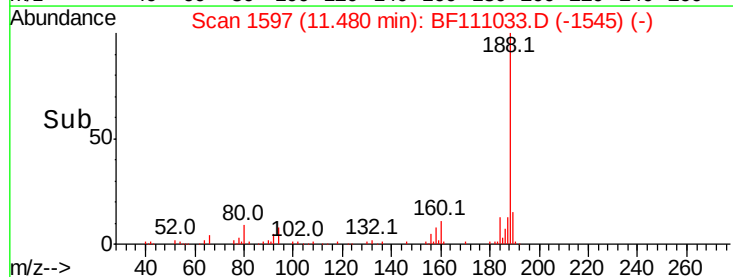
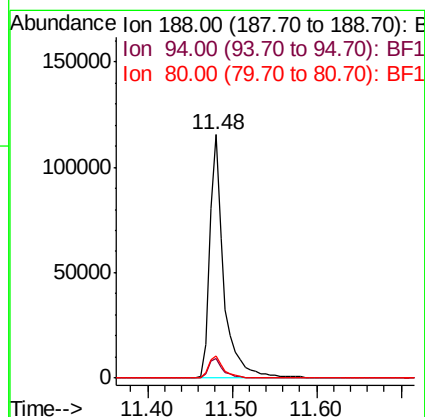
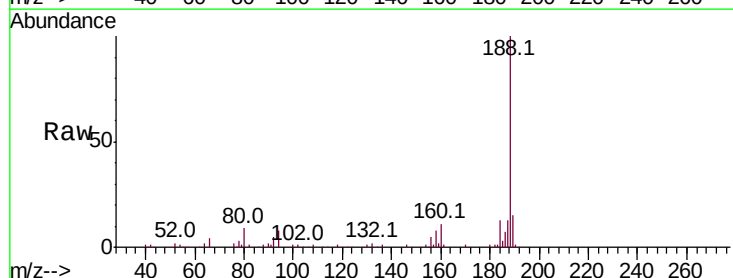
Instrument :
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ClientSampleId :
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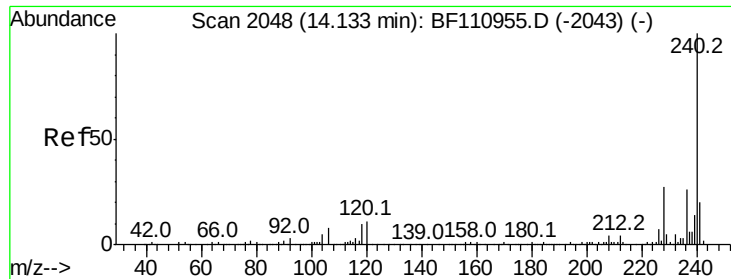
Tot Ion:172 Resp: 461925
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.5 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

Tgt Ion:188 Resp: 132970
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.2 7.9 11.9

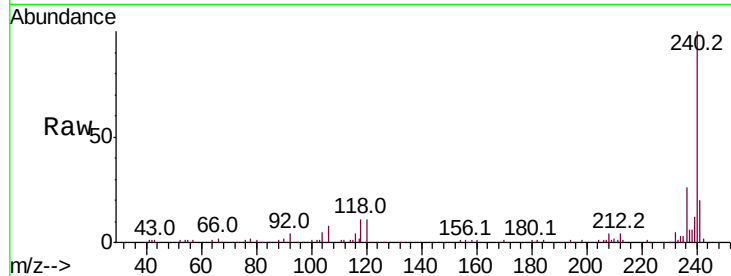




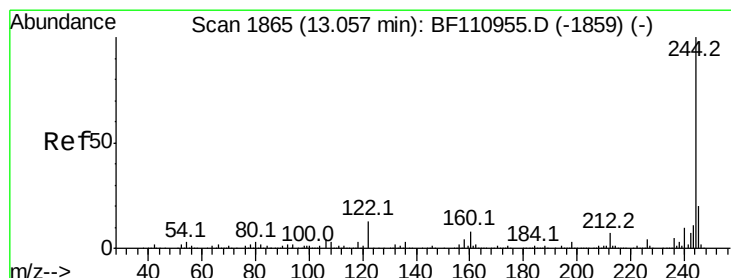
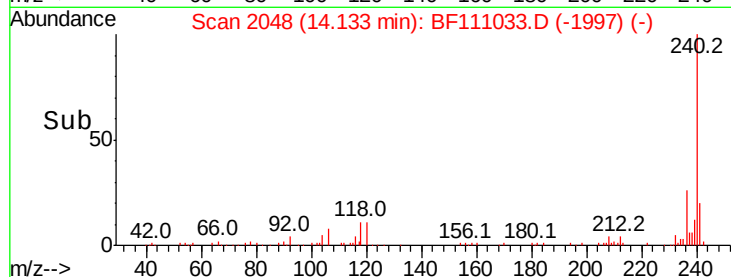
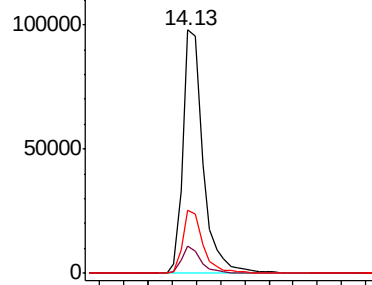
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
112418-CHDE-F-D-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.8	21.2	31.8

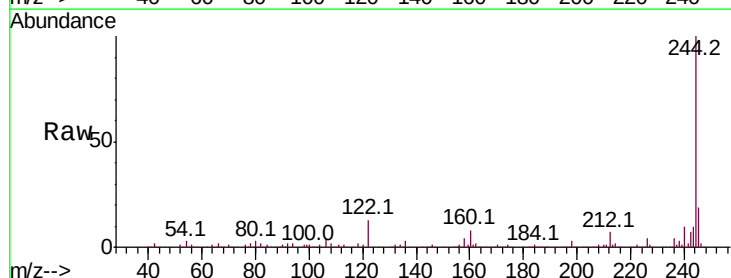


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

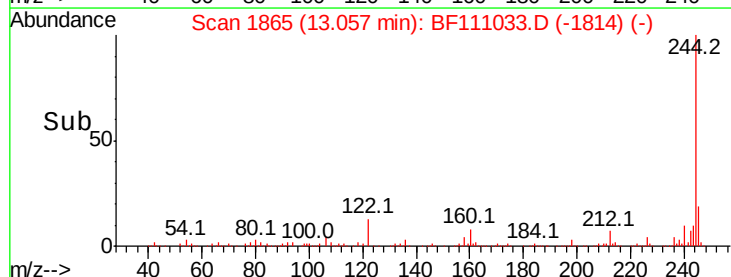
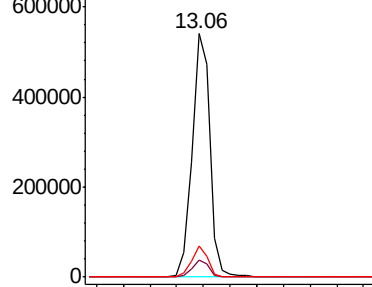


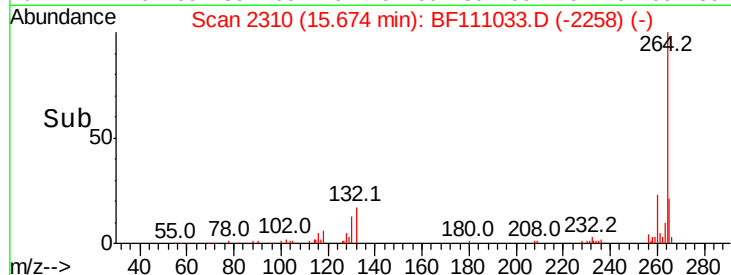
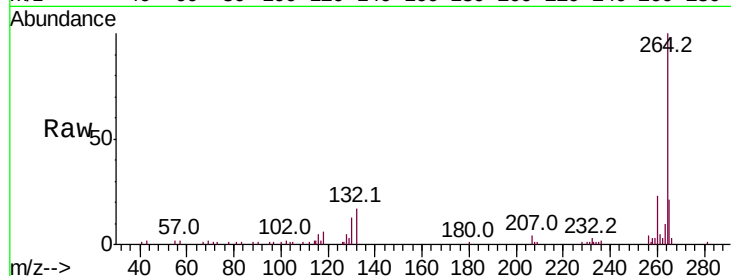
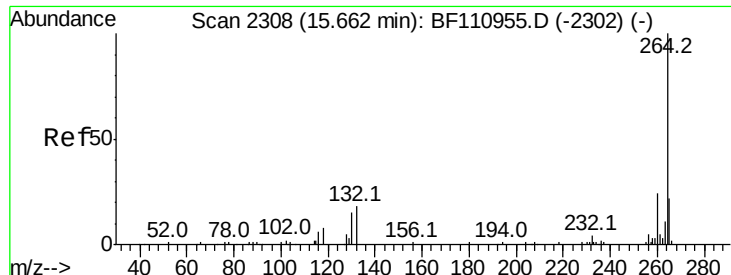
#79
Terphenyl-d14
Concen: 88.700 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.5	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
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
112418-CHDE-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.9	16.7	25.1

