

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111035.D
 Acq On : 28 Nov 2018 3:54
 Operator : JU/SJ
 Sample : J6071-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-U-M

Quant Time: Nov 28 06:18:08 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	41476	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	150416	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	59410	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	123070	20.00	ng	0.00
76) Chrysene-d12	14.14	240	103782	20.00	ng	0.00
87) Perylene-d12	15.68	264	64920	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	104565	41.81	ng	0.01
7) Phenol-d6	6.57	99	79523	24.40	ng	0.00
23) Nitrobenzene-d5	7.50	82	247333	94.11	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	52971	89.78	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	408200	99.54	ng	0.00
79) Terphenyl-d14	13.06	244	486944	91.34	ng	0.00

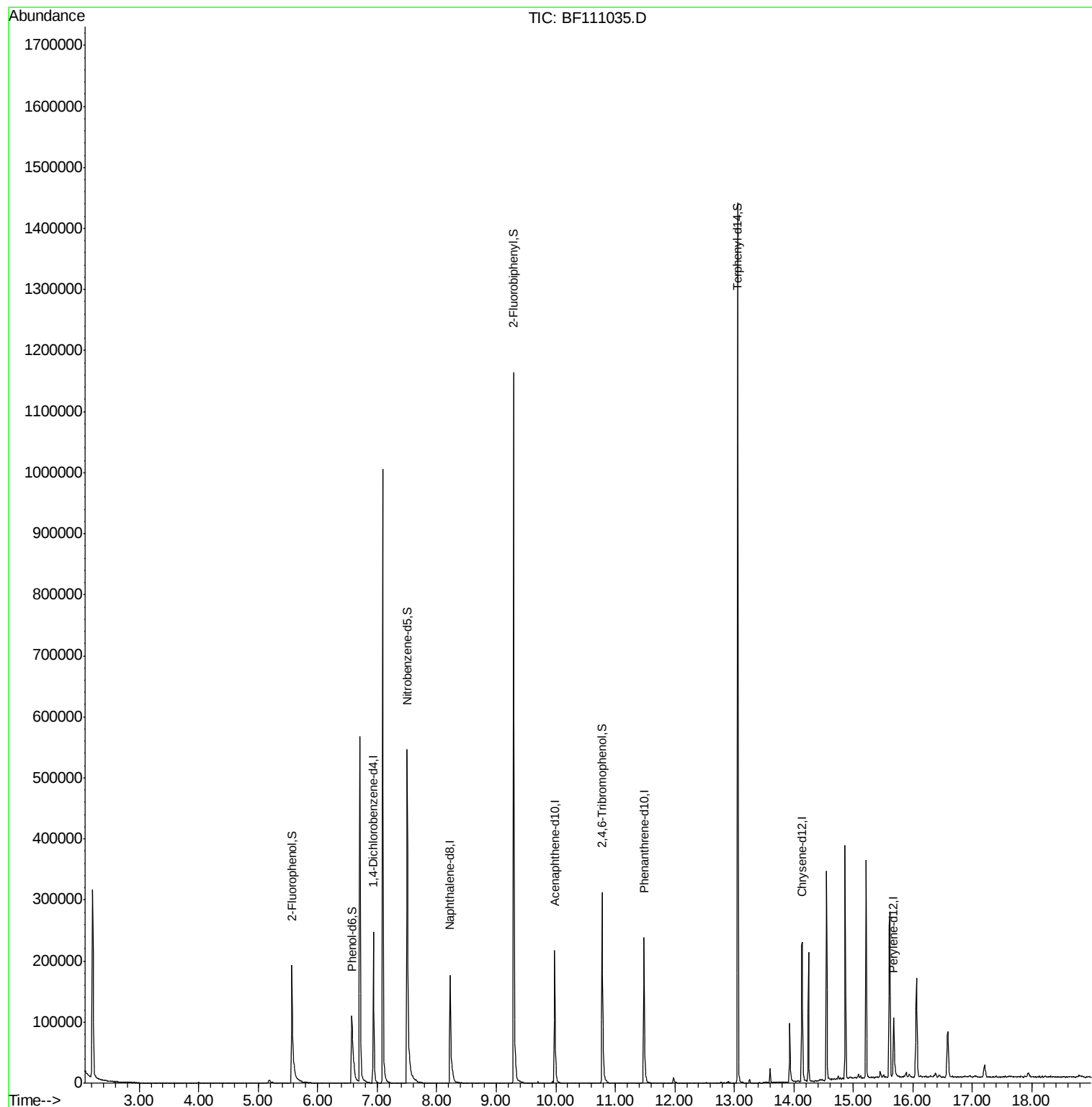
Target Compounds Qvalue

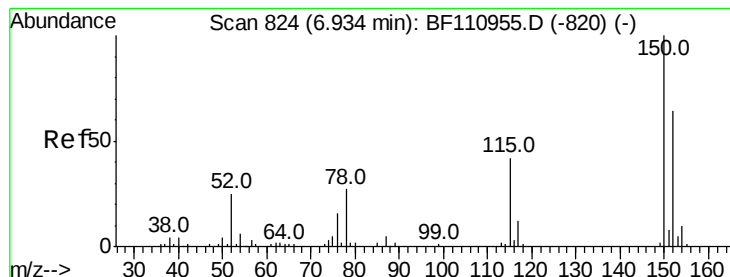
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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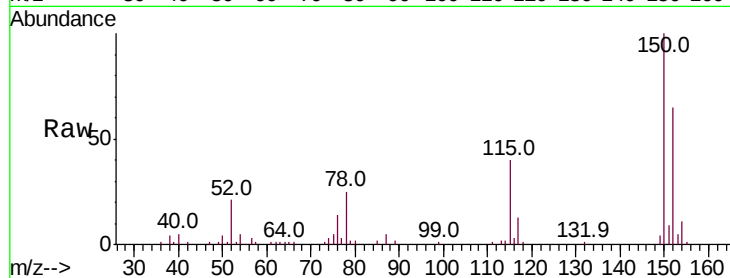


#1

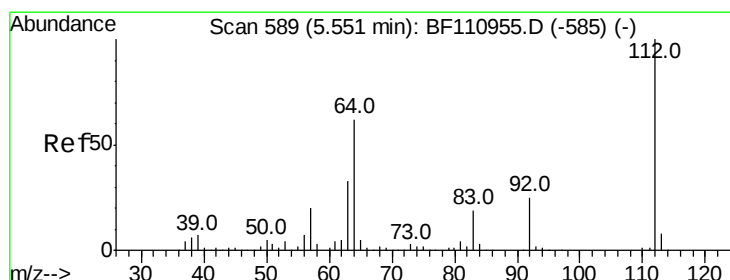
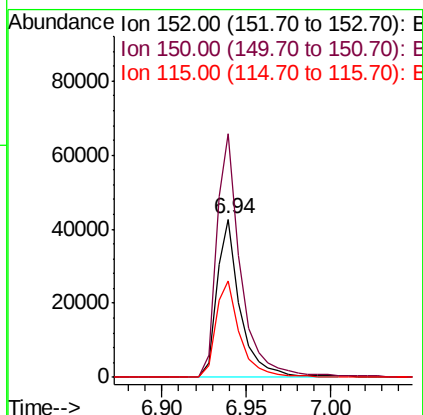
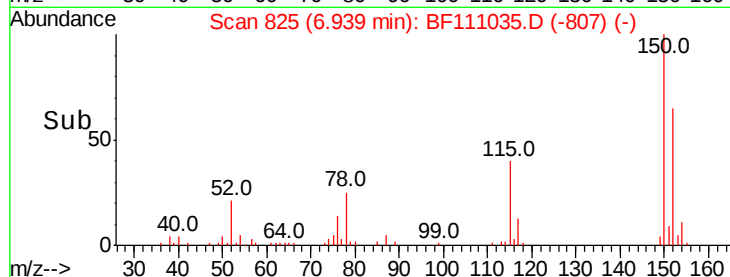
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111035.D
Acq: 28 Nov 2018 3:54

Instrument :
BNA_F
ClientSampleId :
112418-CHDE-F-U-M

Tot Ion:152 Resp: 41476
Ion Ratio Lower Upper
152 100
150 154.1 122.7 184.1
115 61.2 49.1 73.7



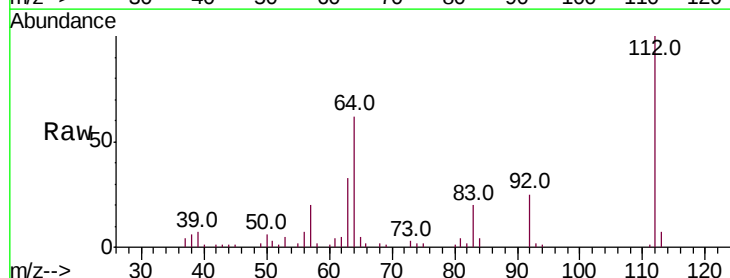
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



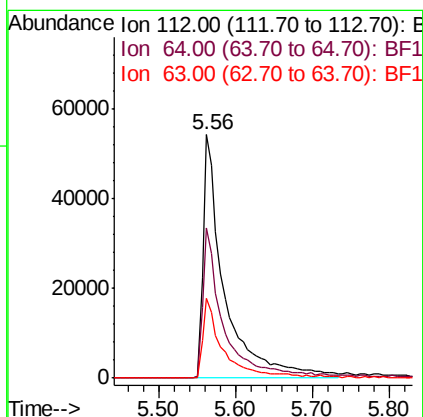
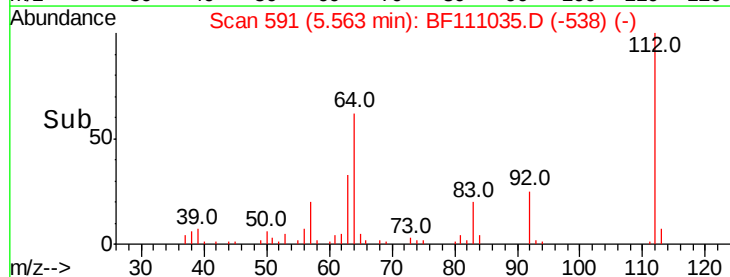
#5

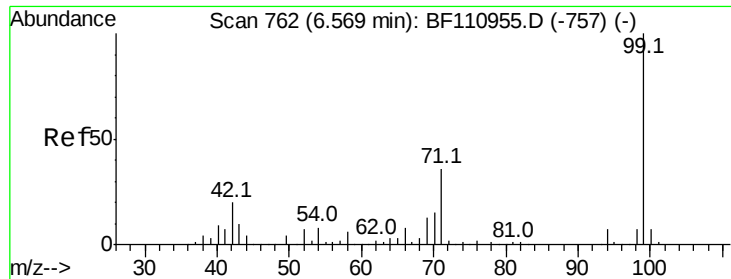
2-Fluorophenol
Concen: 41.808 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111035.D
Acq: 28 Nov 2018 3:54

Tgt Ion:112 Resp: 104565
Ion Ratio Lower Upper
112 100
64 61.6 44.1 66.1
63 32.6 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: 24.398 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111035.D

Acq: 28 Nov 2018 3:54

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-U-M

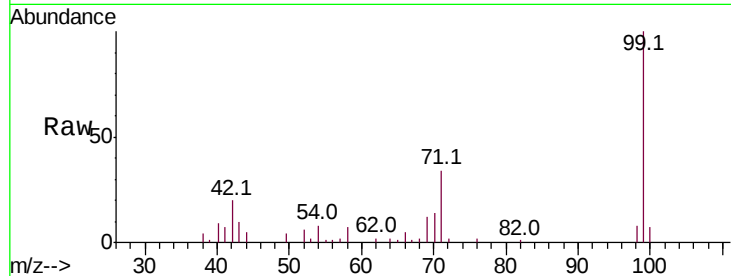
Tot Ion: 99 Resp: 79523

Ion Ratio Lower Upper

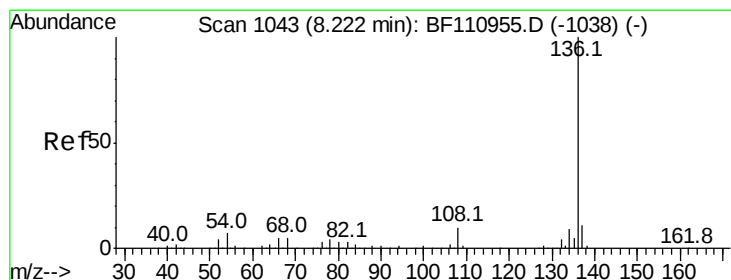
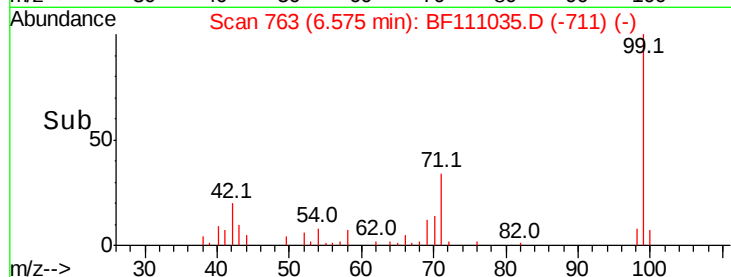
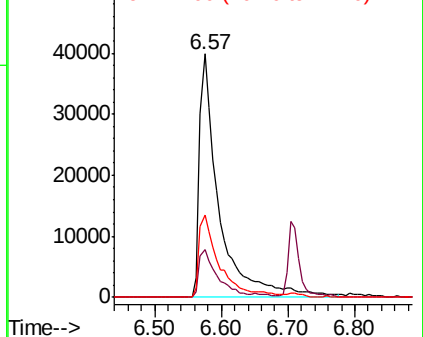
99 100

42 19.6 15.8 23.6

71 33.7 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: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111035.D

Acq: 28 Nov 2018 3:54

Tgt Ion: 136 Resp: 150416

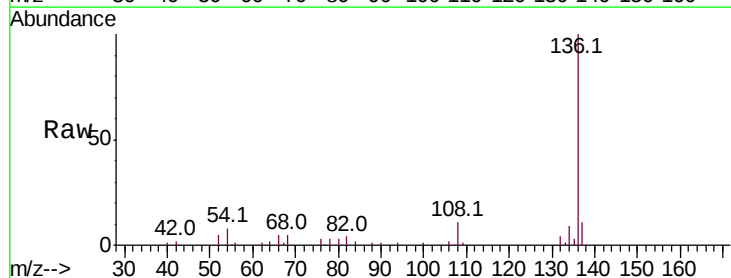
Ion Ratio Lower Upper

136 100

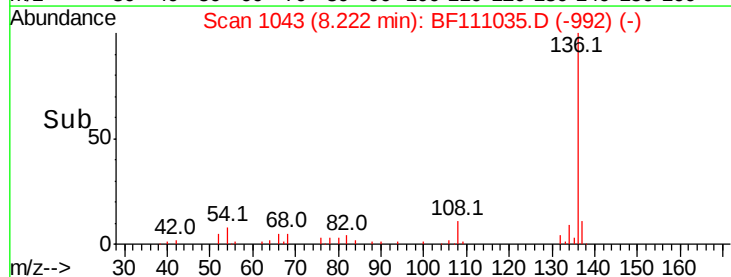
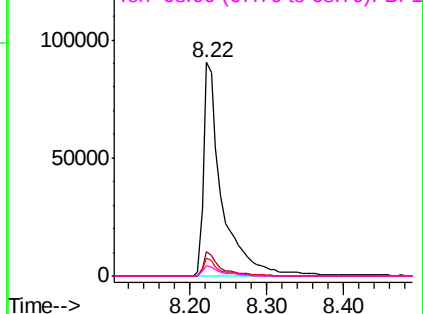
137 11.4 8.8 13.2

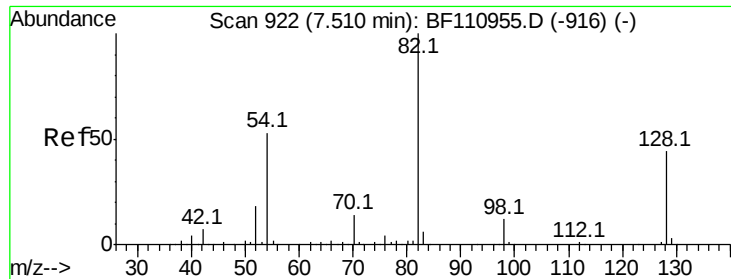
54 8.4 5.4 8.2#

68 4.8 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

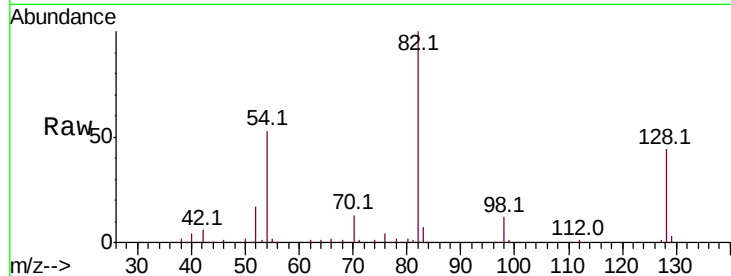




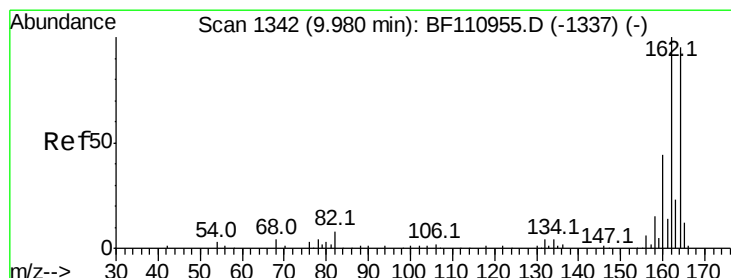
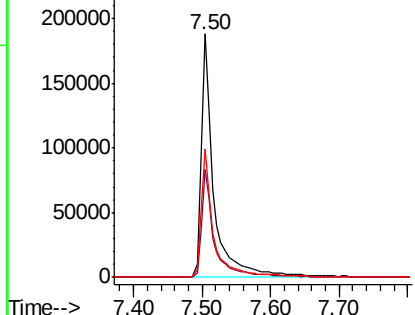
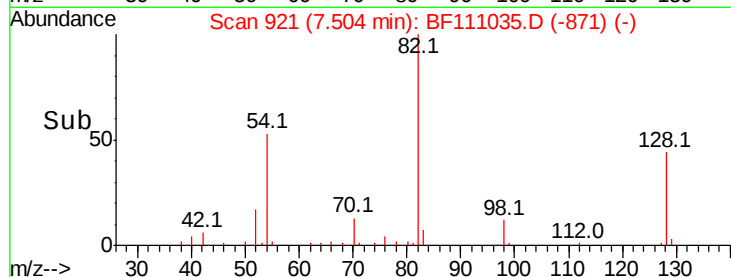
#23
 Nitrobenzene-d5
 Concen: 94.106 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111035.D
 Acq: 28 Nov 2018 3:54

Instrument :
 BNA_F
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 112418-CHDE-F-U-M

Tot Ion	82	Resp	247333
Ion Ratio	Lower	Upper	
82	100		
128	44.1	34.2	51.2
54	52.6	38.6	58.0

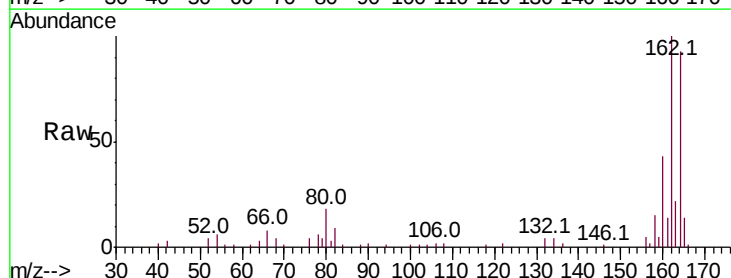


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

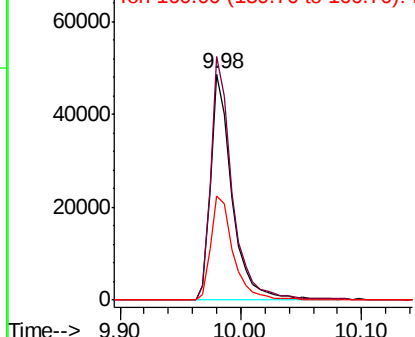
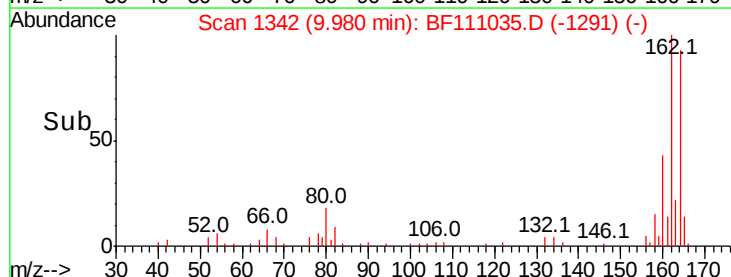


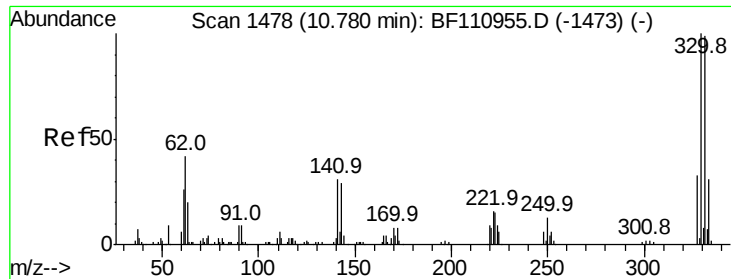
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF111035.D
 Acq: 28 Nov 2018 3:54

Tgt Ion	164	Resp	59410
Ion Ratio	Lower	Upper	
164	100		
162	107.7	83.0	124.6
160	45.9	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

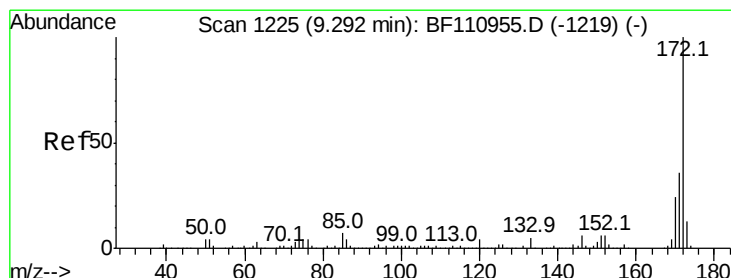
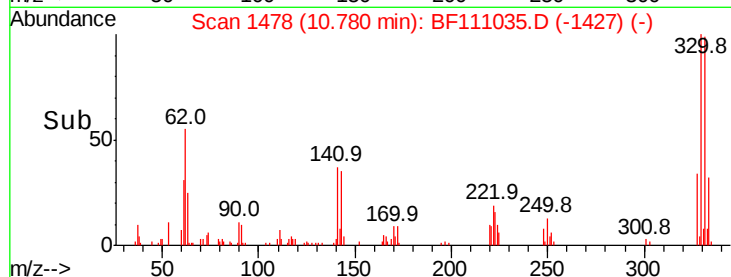
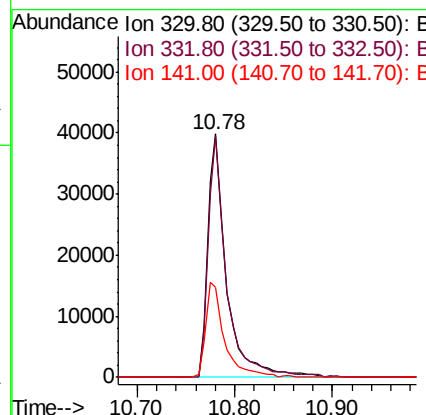
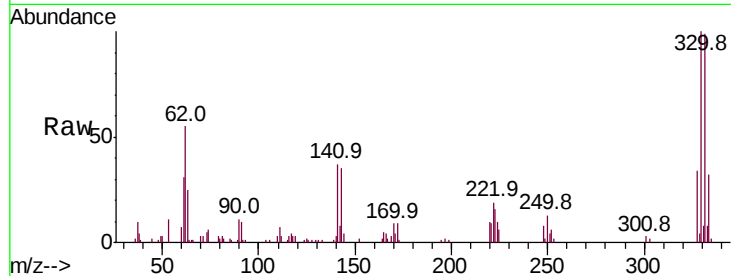




#42
 2,4,6-Tribromophenol
 Concen: 89.778 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111035.D
 Acq: 28 Nov 2018 3:54

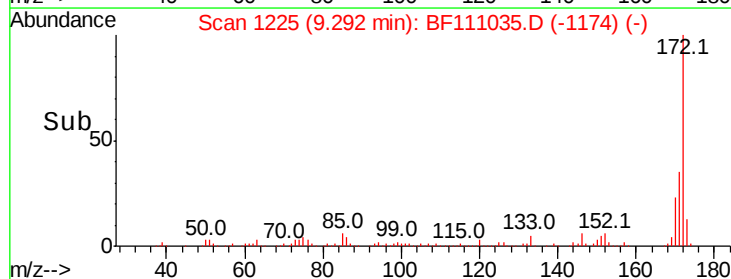
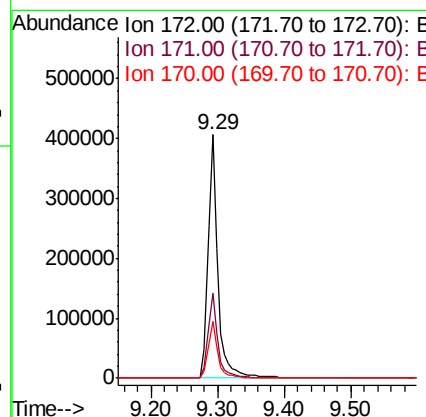
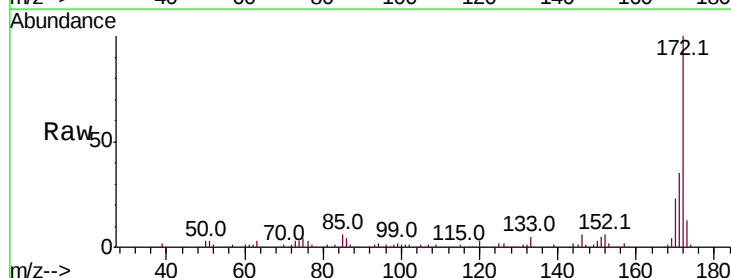
Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-U-M

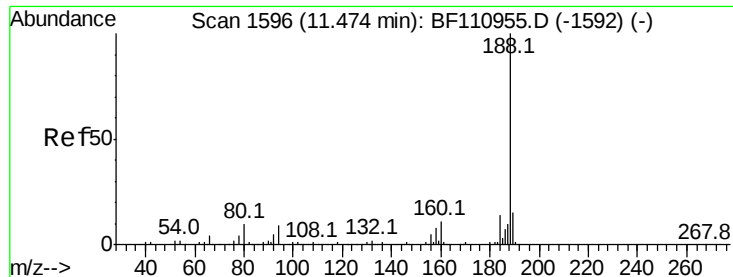
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	38.7	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 99.544 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111035.D
 Acq: 28 Nov 2018 3:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.1	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: BF111035.D

Acq: 28 Nov 2018 3:54

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-U-M

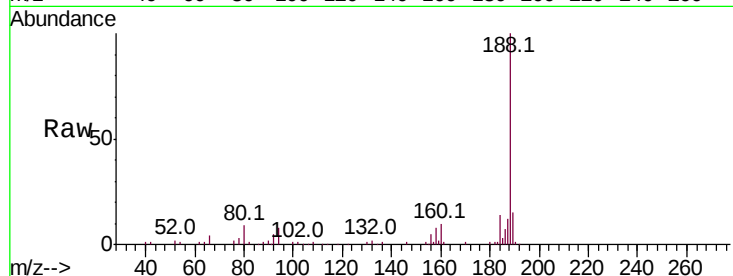
Tot Ion:188 Resp: 123070

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

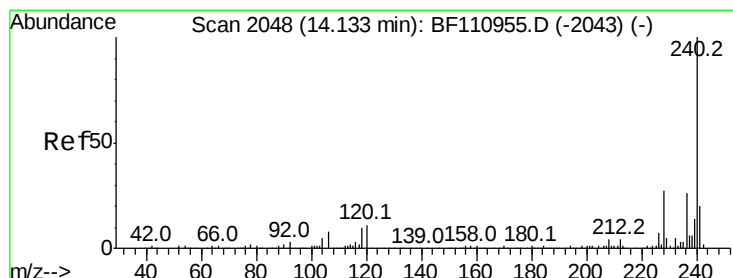
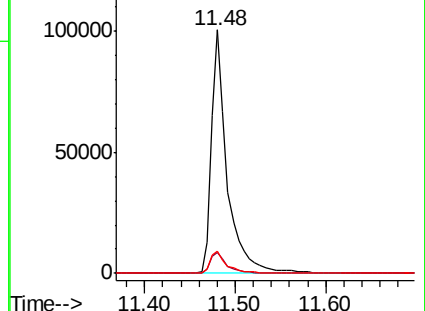
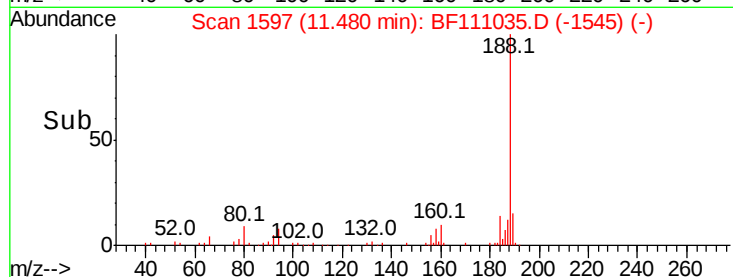
80 9.2 7.9 11.9



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# 2049

Delta R.T. 0.01 min

Lab File: BF111035.D

Acq: 28 Nov 2018 3:54

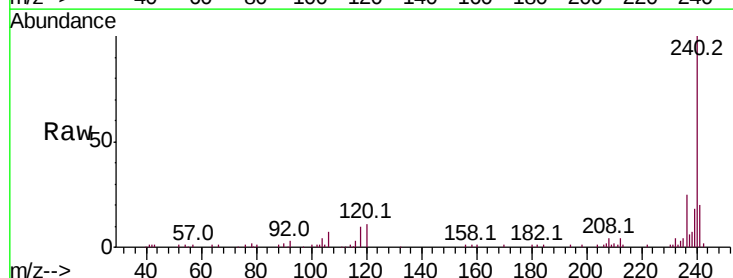
Tgt Ion:240 Resp: 103782

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

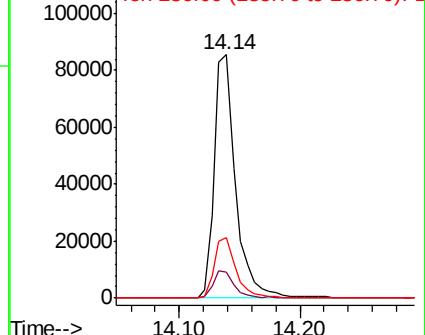
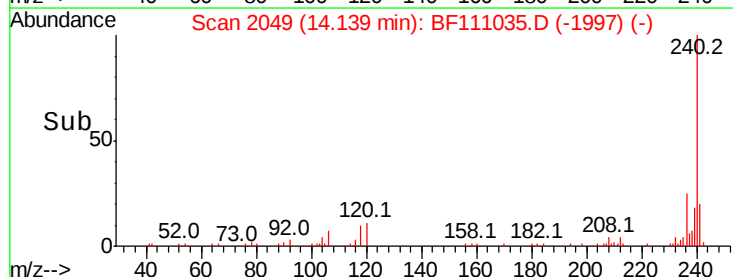
236 24.7 21.2 31.8

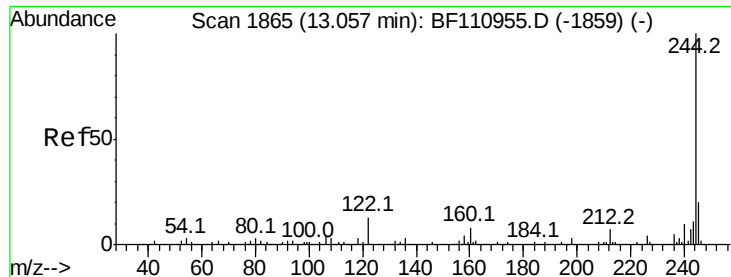


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.336 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111035.D

Acq: 28 Nov 2018 3:54

Instrument :

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112418-CHDE-F-U-M

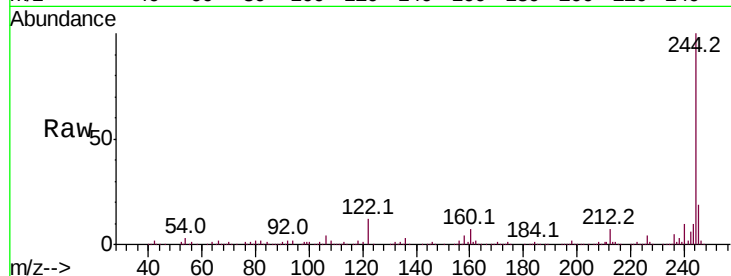
Tot Ion:244 Resp: 486944

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

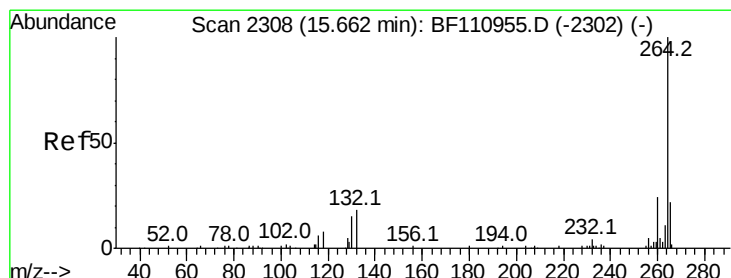
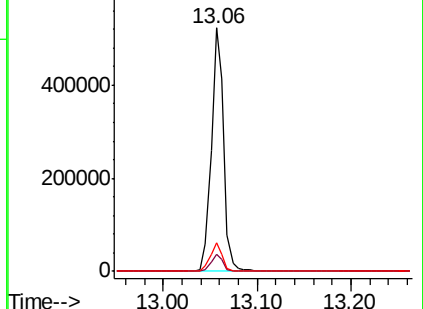
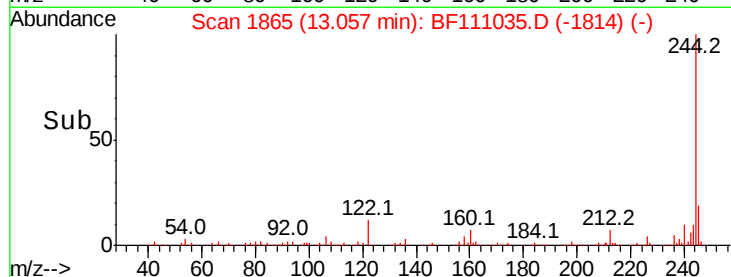
122 11.9 8.7 13.1



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: 15.68 min Scan# 2311

Delta R.T. 0.01 min

Lab File: BF111035.D

Acq: 28 Nov 2018 3:54

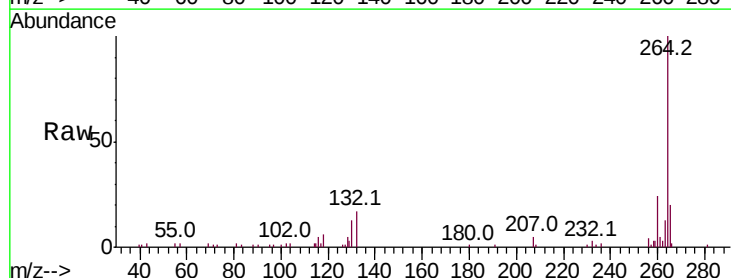
Tgt Ion:264 Resp: 64920

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 19.7 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

