

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111081.D
 Acq On : 29 Nov 2018 8:50
 Operator : JU/SJ
 Sample : J6078-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-D-B

Quant Time: Nov 29 10:05:23 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	6.93	152	53372	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	225587	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	98560	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	157020	20.00	ng	0.00
76) Chrysene-d12	14.13	240	117337	20.00	ng	0.00
87) Perylene-d12	15.67	264	101056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	151593	47.10	ng	0.00
7) Phenol-d6	6.57	99	116077	27.68	ng	0.00
23) Nitrobenzene-d5	7.50	82	409103	103.79	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	82850	84.64	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	747176	109.83	ng	0.00
79) Terphenyl-d14	13.05	244	536204	88.96	ng	0.00

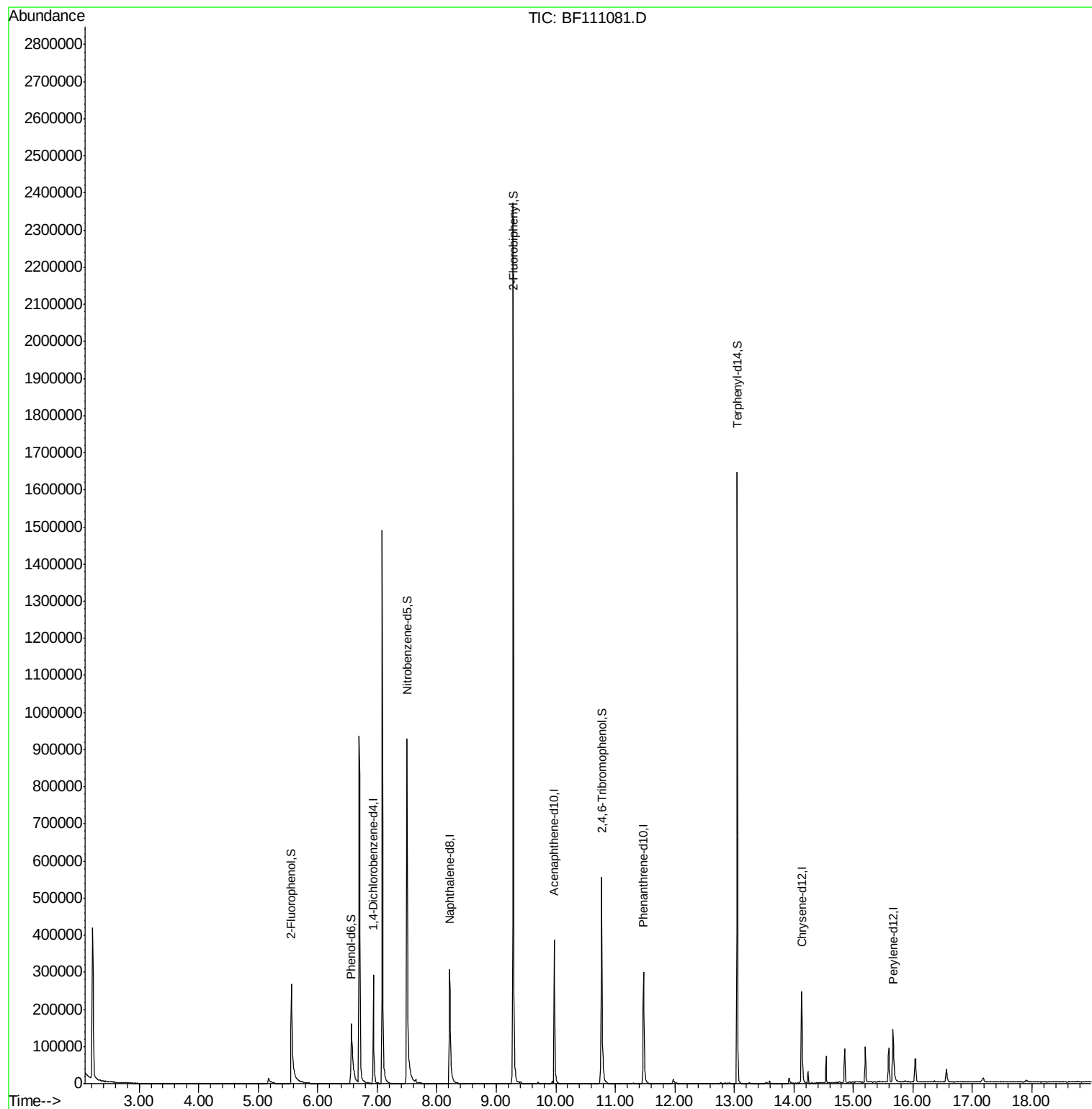
Target Compounds Qvalue

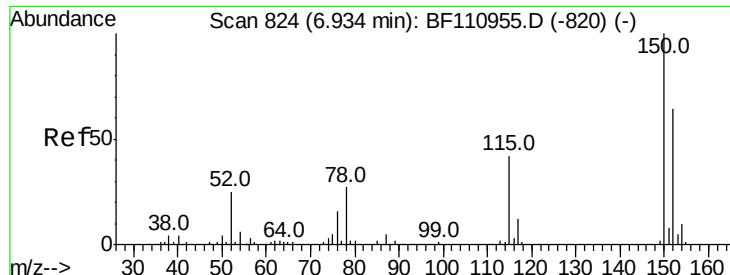
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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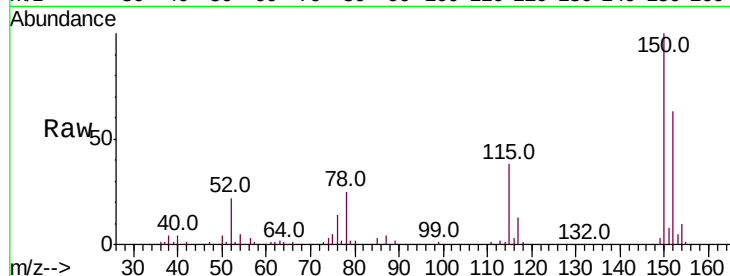


#1

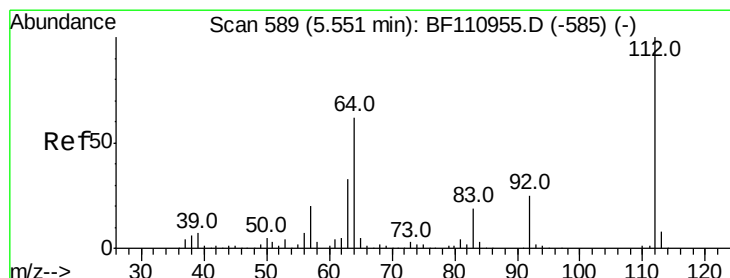
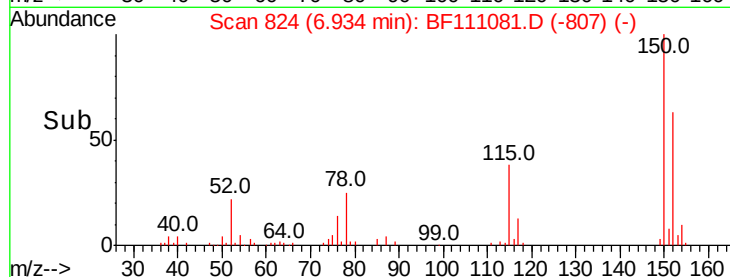
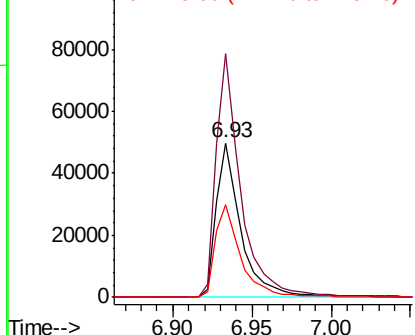
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111081.D
Acq: 29 Nov 2018 8:50

Instrument :
BNA_F
ClientSampleId :
112618-CHDE-F-D-B

Tot Ion:152 Resp: 53372
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 59.8 49.1 73.7



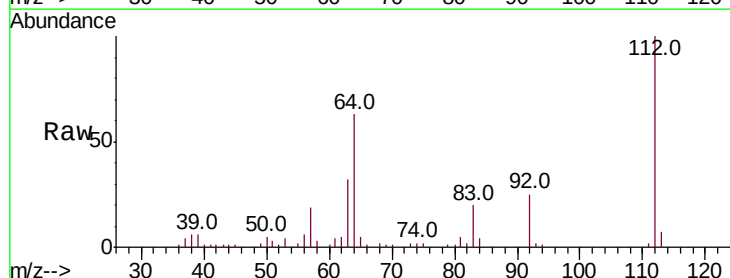
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



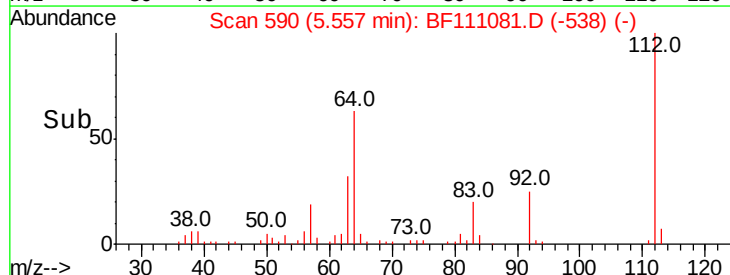
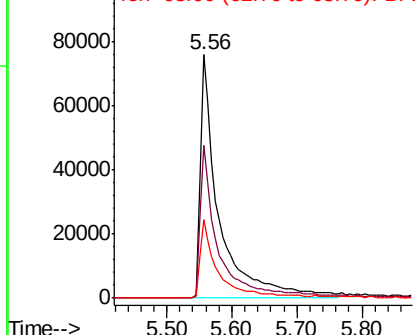
#5

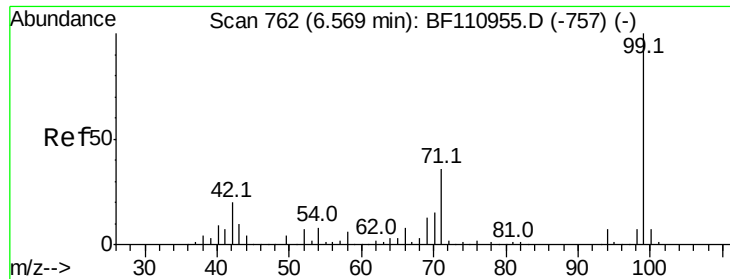
2-Fluorophenol
Concen: 47.101 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111081.D
Acq: 29 Nov 2018 8:50

Tgt Ion:112 Resp: 151593
Ion Ratio Lower Upper
112 100
64 62.5 44.1 66.1
63 32.2 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: 27.676 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111081.D

Acq: 29 Nov 2018 8:50

Instrument :

BNA_F

ClientSampleId :

112618-CHDE-F-D-B

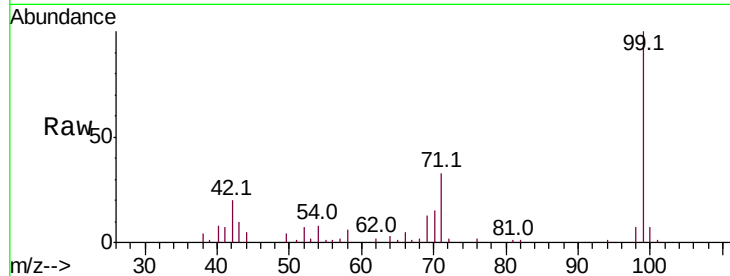
Tot Ion: 99 Resp: 116077

Ion Ratio Lower Upper

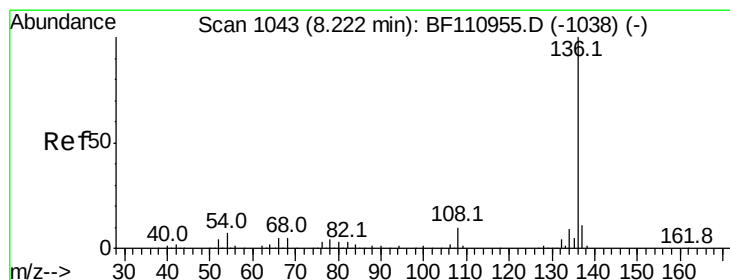
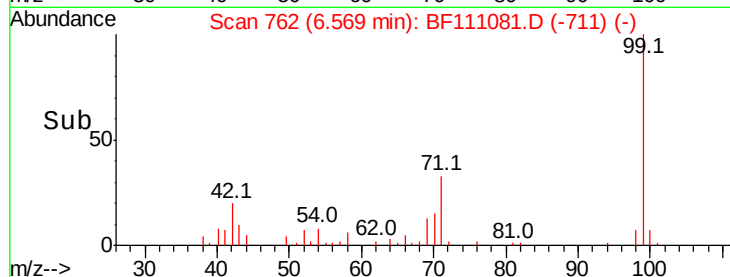
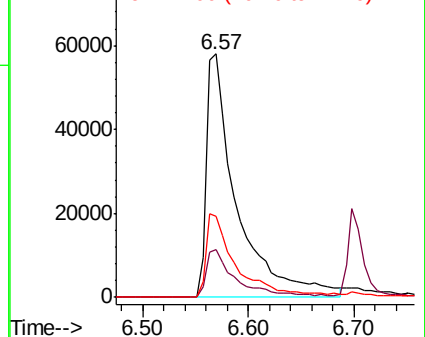
99 100

42 19.7 15.8 23.6

71 33.3 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# 1042

Delta R.T. -0.01 min

Lab File: BF111081.D

Acq: 29 Nov 2018 8:50

Tgt Ion: 136 Resp: 225587

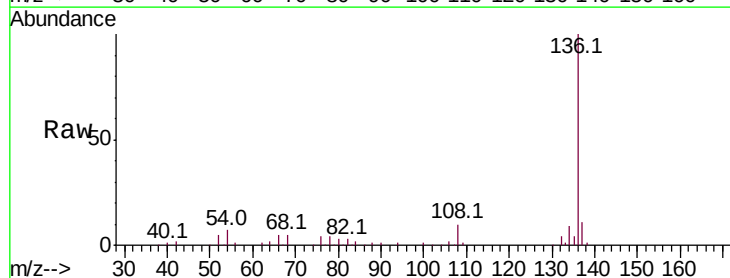
Ion Ratio Lower Upper

136 100

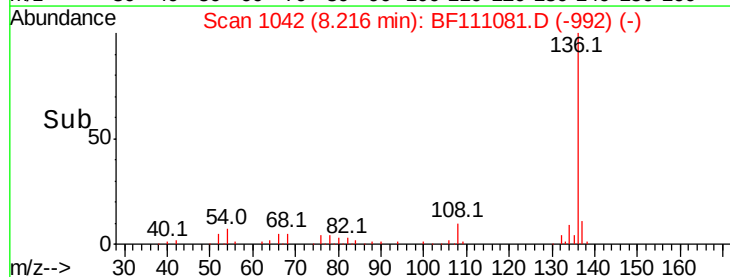
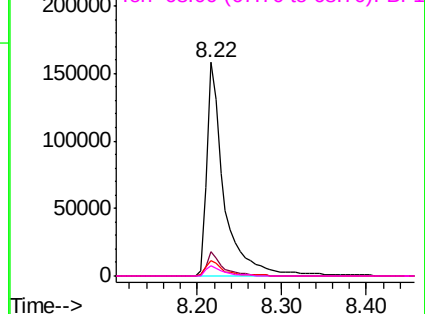
137 11.4 8.8 13.2

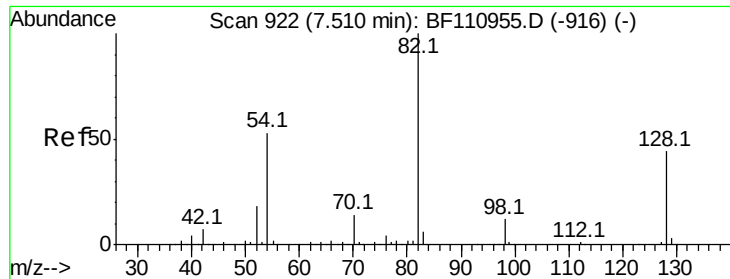
54 7.4 5.4 8.2

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

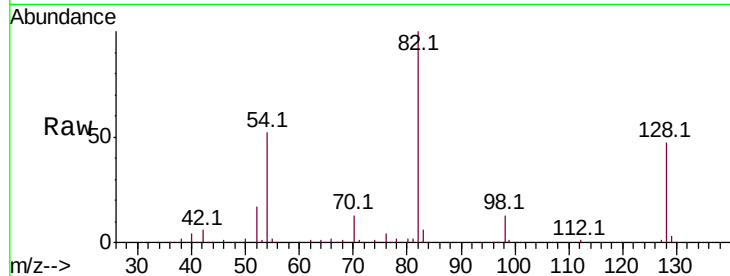




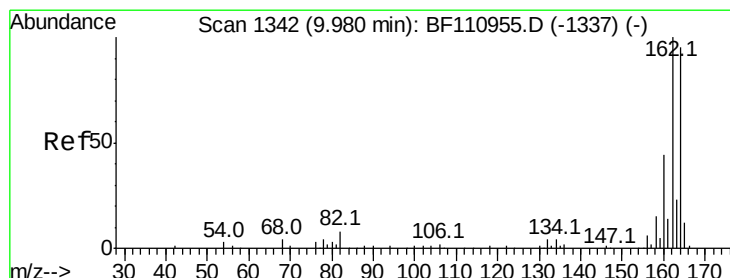
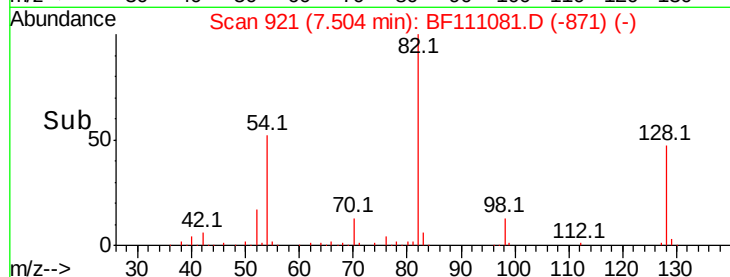
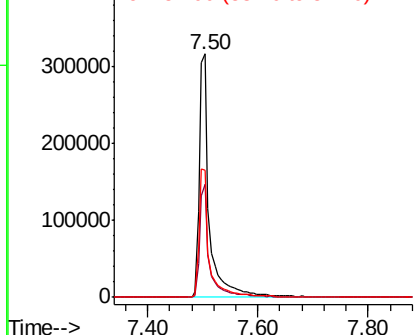
#23
 Nitrobenzene-d5
 Concen: 103.788 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111081.D
 Acq: 29 Nov 2018 8:50

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-D-B

Tot Ion: 82 Resp: 409103
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.2 51.2
 54 52.1 38.6 58.0

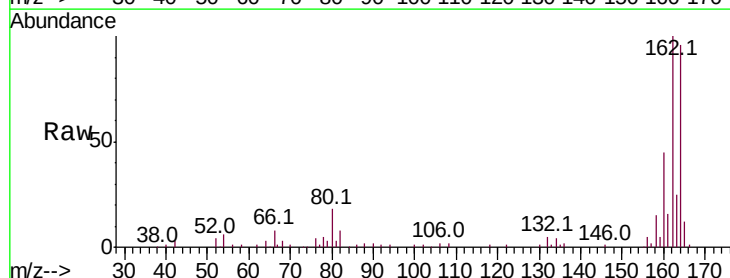


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

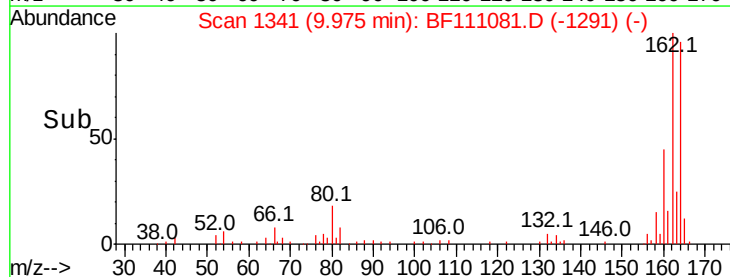
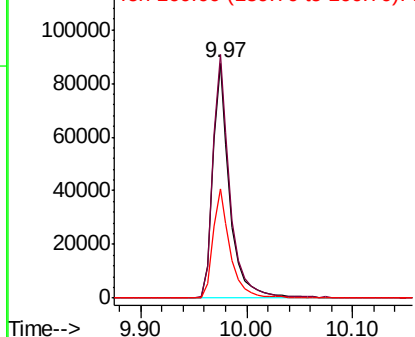


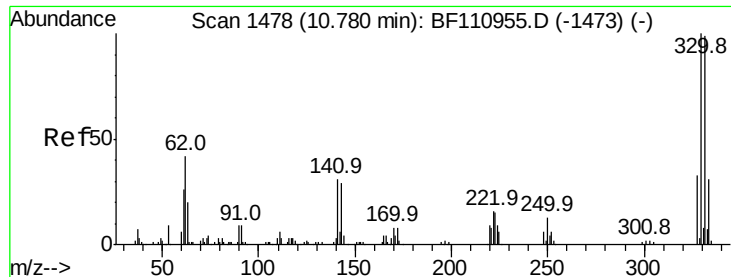
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111081.D
 Acq: 29 Nov 2018 8:50

Tgt Ion: 164 Resp: 98560
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.0 124.6
 160 46.5 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

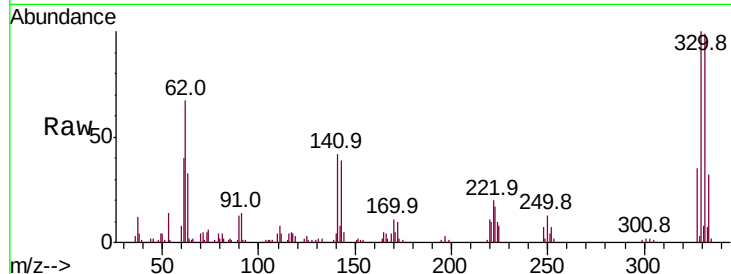




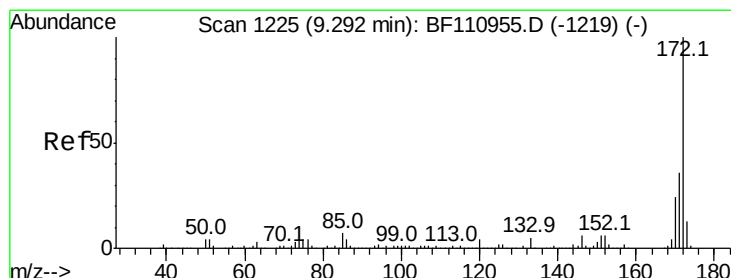
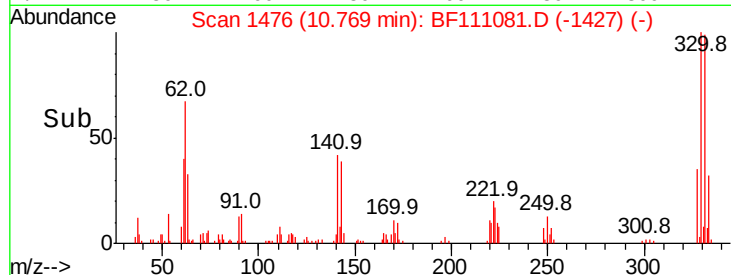
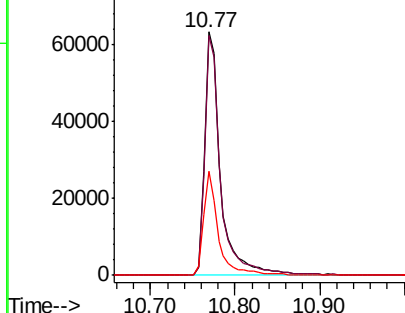
#42
 2,4,6-Tribromophenol
 Concen: 84.642 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF111081.D
 Acq: 29 Nov 2018 8:50

Instrument :
 BNA_F
 ClientSampleId :
 112618-CHDE-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	38.8	27.0	40.4

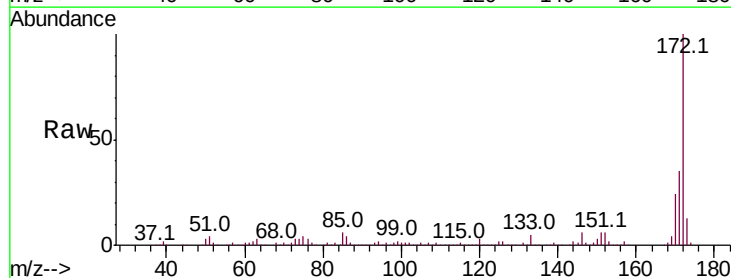


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

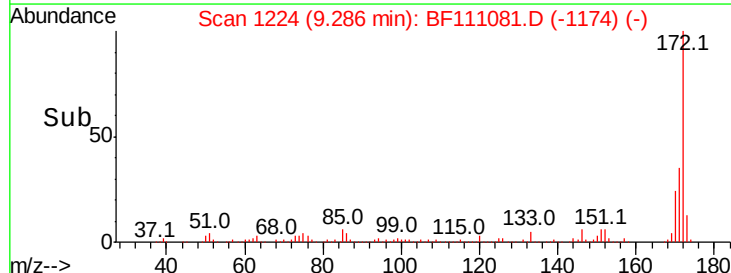
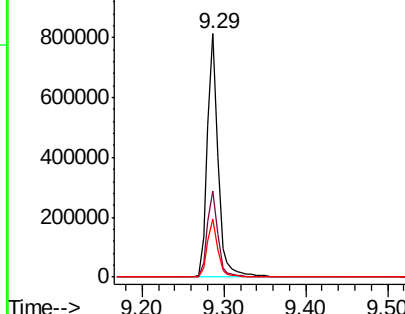


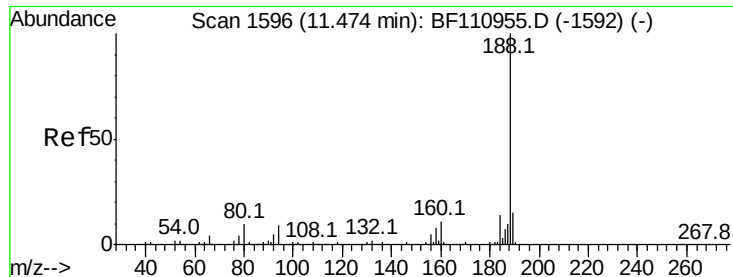
#45
 2-Fluorobiphenyl
 Concen: 109.830 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111081.D
 Acq: 29 Nov 2018 8:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	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

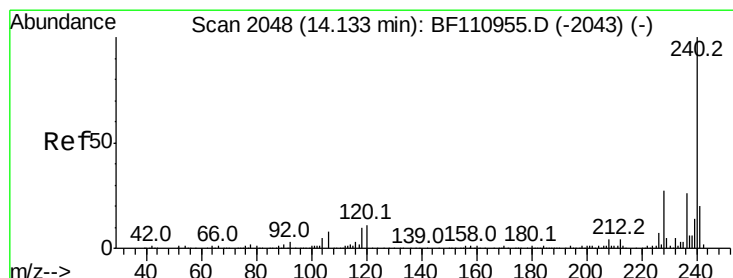
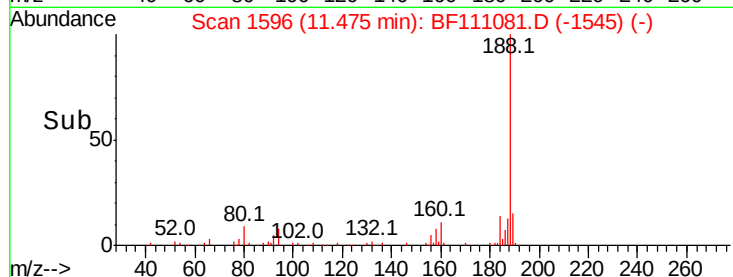
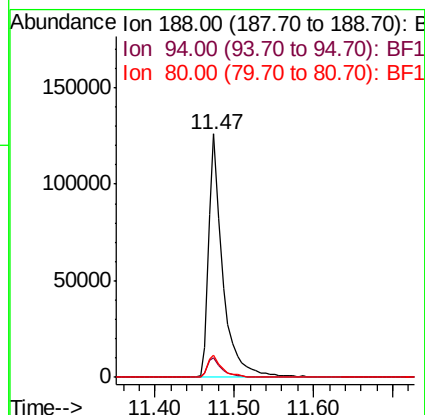
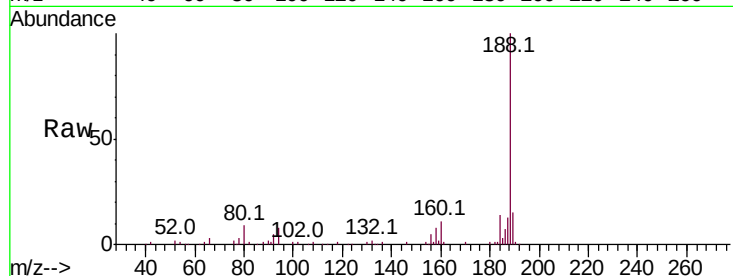




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111081.D
Acq: 29 Nov 2018 8:50

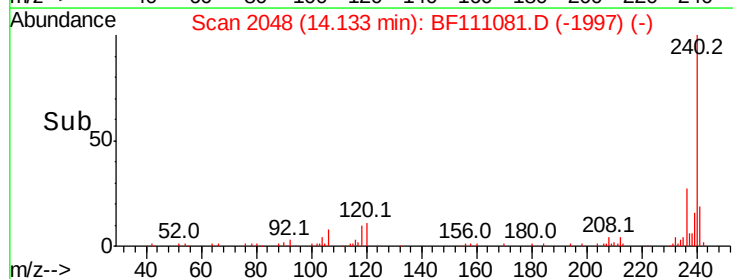
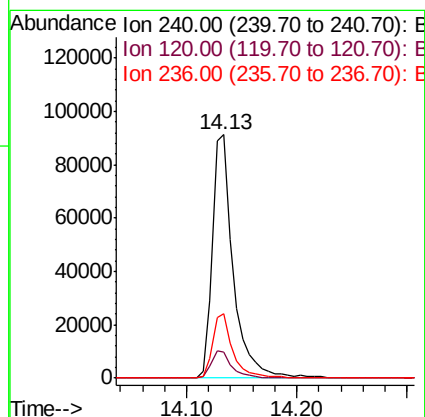
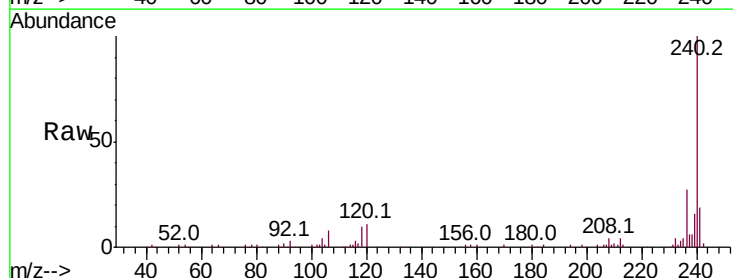
Instrument :
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112618-CHDE-F-D-B

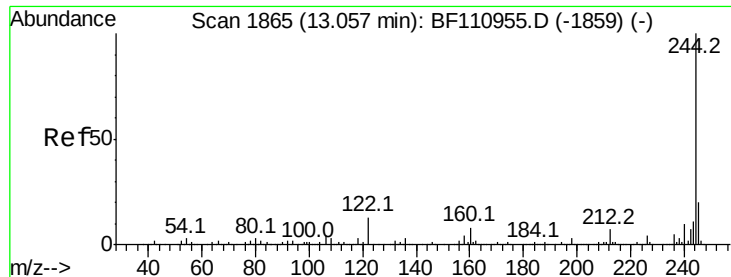
Tot Ion:188 Resp: 157020
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111081.D
Acq: 29 Nov 2018 8:50

Tgt Ion:240 Resp: 117337
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 26.6 21.2 31.8





#79

Terphenyl-d14

Concen: 88.957 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111081.D

Acq: 29 Nov 2018 8:50

Instrument :

BNA_F

ClientSampleId :

112618-CHDE-F-D-B

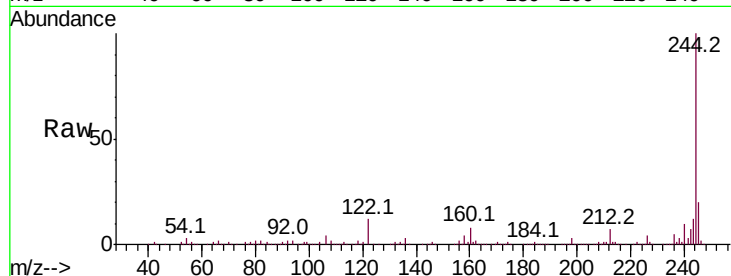
Tot Ion:244 Resp: 536204

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

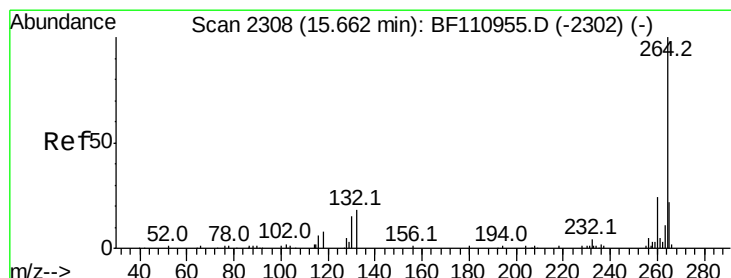
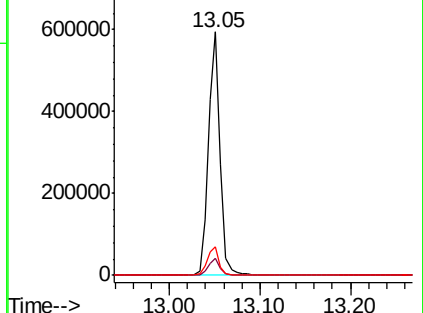
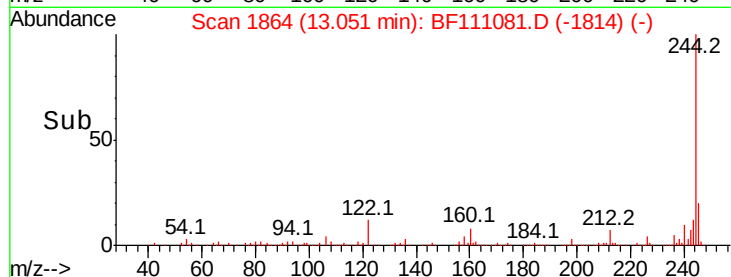
122 11.6 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BF111081.D

Acq: 29 Nov 2018 8:50

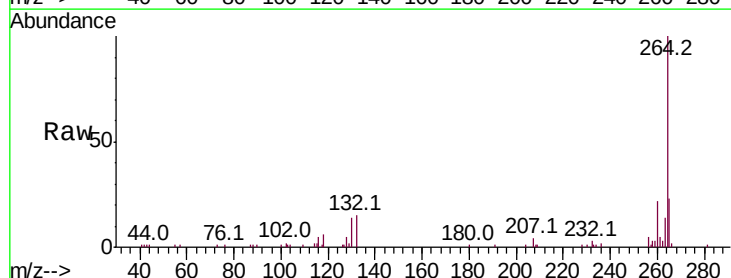
Tgt Ion:264 Resp: 101056

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 22.6 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

