

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111027.D
 Acq On : 28 Nov 2018 00:13
 Operator : JU/SJ
 Sample : J6070-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112118-CHDE-E-D-S

Quant Time: Nov 28 03:43:15 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	44040	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	165739	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	67530	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	129873	20.00	ng	0.00
76) Chrysene-d12	14.14	240	106661	20.00	ng	0.00
87) Perylene-d12	15.67	264	67723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	101015	38.04	ng	0.01
7) Phenol-d6	6.57	99	71654	20.70	ng	0.00
23) Nitrobenzene-d5	7.50	82	259429	89.58	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	57738	86.09	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	440422	94.49	ng	0.00
79) Terphenyl-d14	13.06	244	475035	86.70	ng	0.00

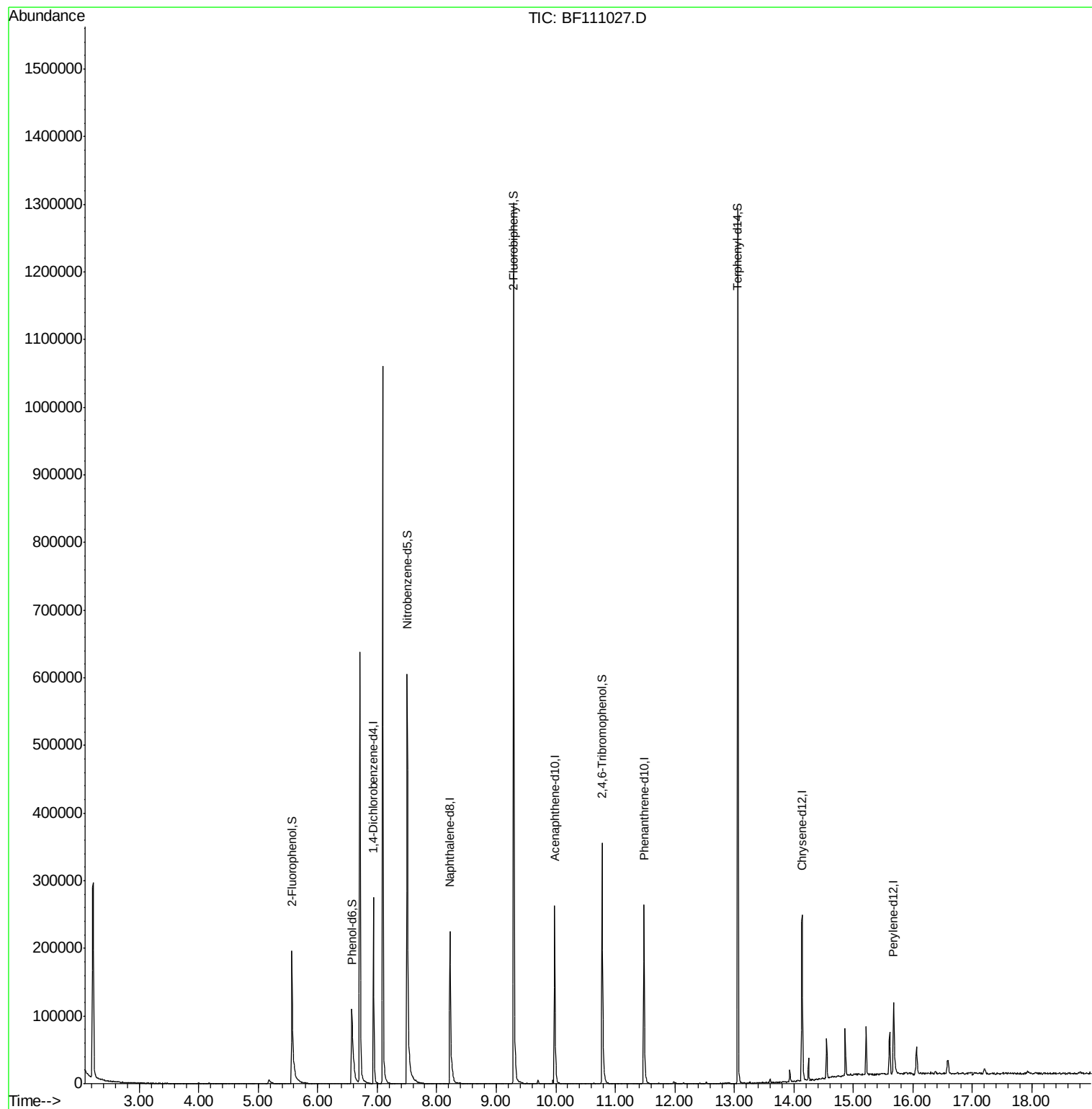
Target Compounds Qvalue

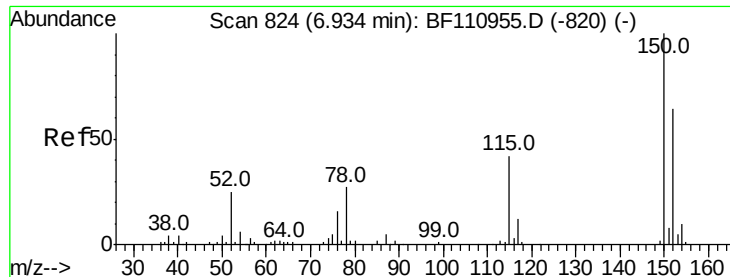
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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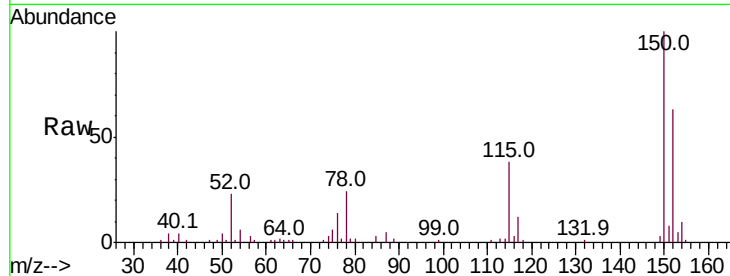


#1

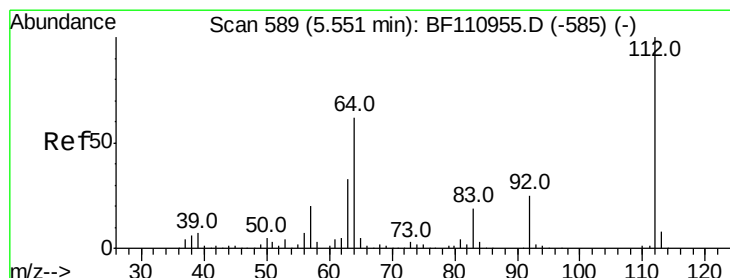
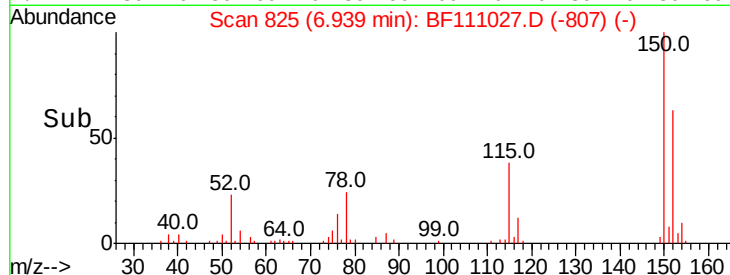
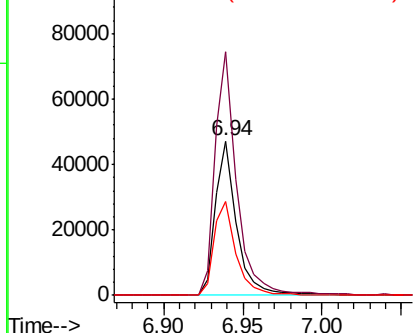
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-D-S

Tot Ion:152 Resp: 44040
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 60.6 49.1 73.7



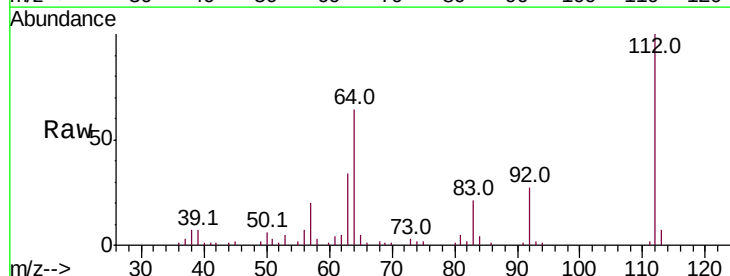
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



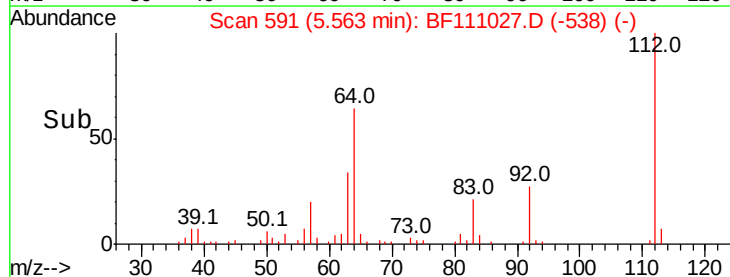
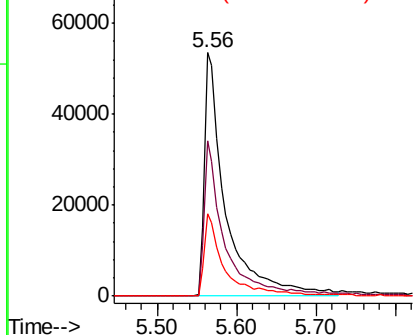
#5

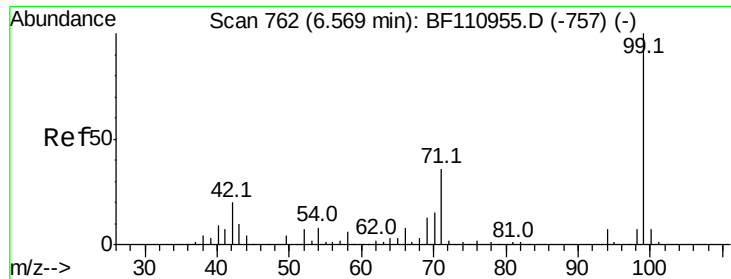
2-Fluorophenol
Concen: 38.037 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:112 Resp: 101015
Ion Ratio Lower Upper
112 100
64 63.6 44.1 66.1
63 33.9 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: 20.704 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

Instrument :

BNA_F

ClientSampleId :

112118-CHDE-E-D-S

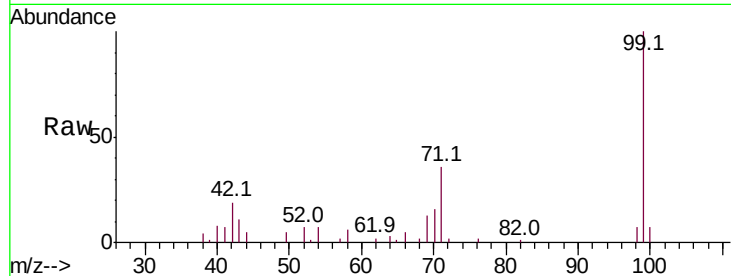
Tot Ion: 99 Resp: 71654

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

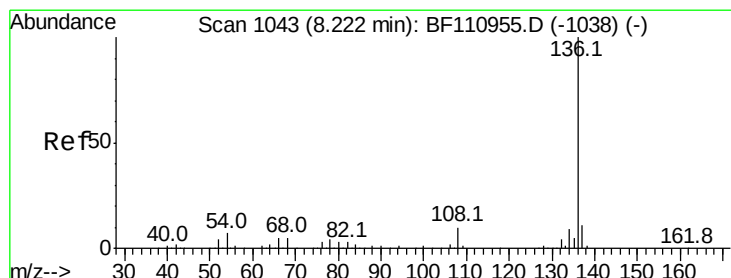
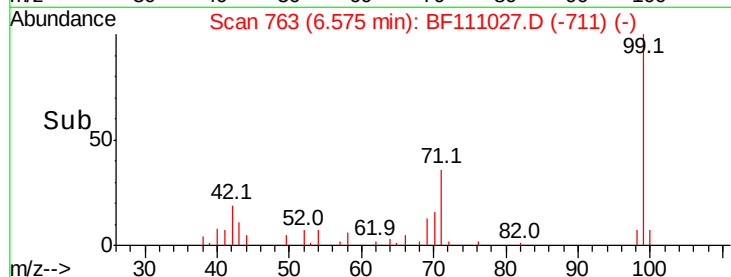
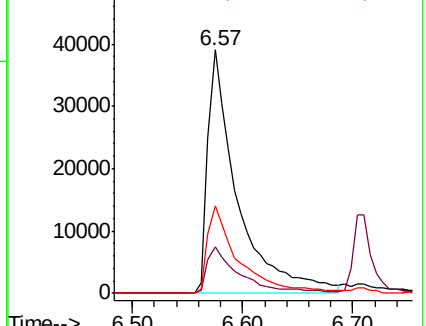
71 35.9 28.0 42.0



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: BF111027.D

Acq: 28 Nov 2018 00:13

Tgt Ion: 136 Resp: 165739

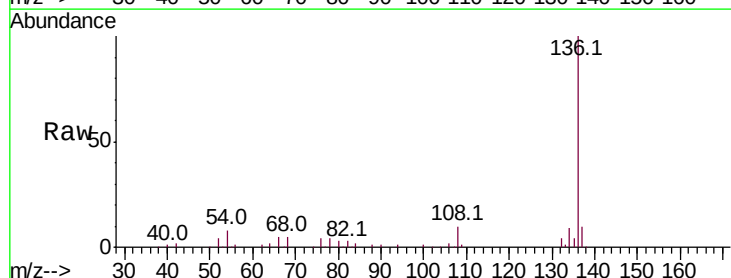
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 7.7 5.4 8.2

68 5.0 4.2 6.2

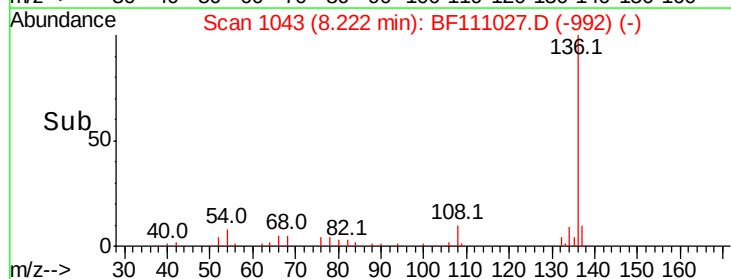
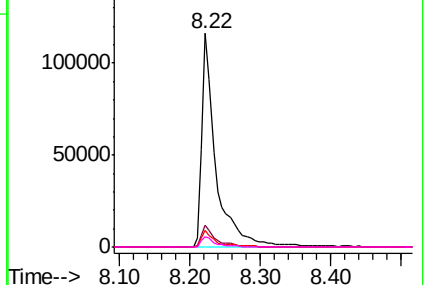


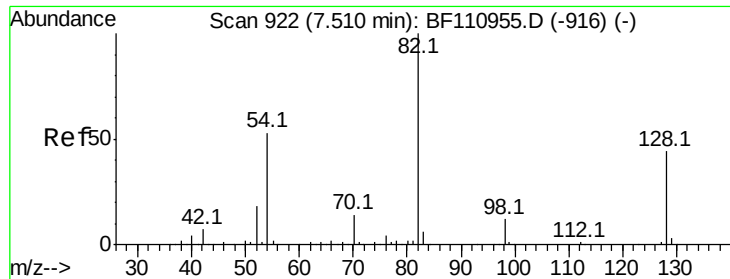
Abundance Ion 136.00 (135.70 to 136.70): E

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

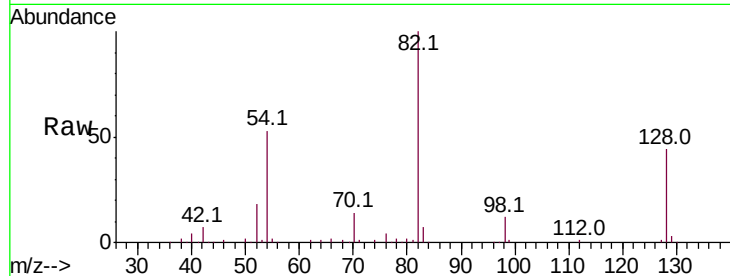




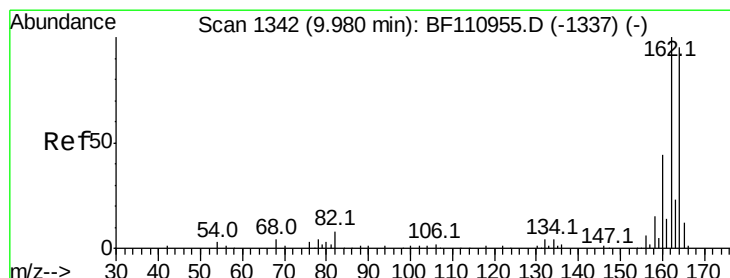
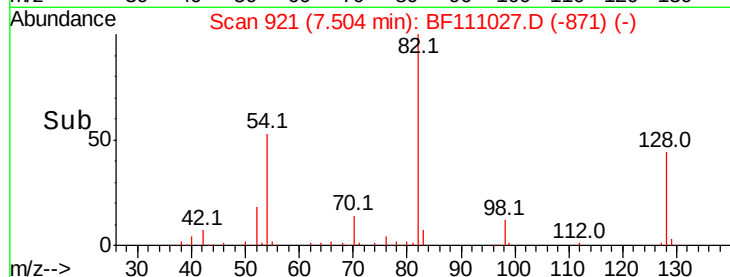
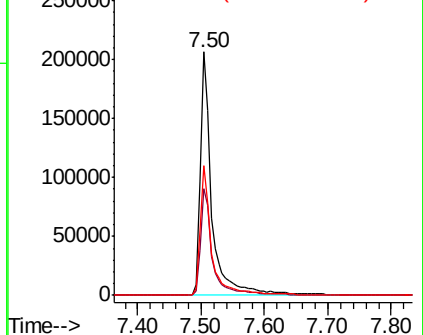
#23
 Nitrobenzene-d5
 Concen: 89.582 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111027.D
 Acq: 28 Nov 2018 00:13

Instrument :
 BNA_F
 ClientSampleId :
 112118-CHDE-E-D-S

Tot Ion	82	Resp	259429
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.2	51.2
54	53.4	38.6	58.0

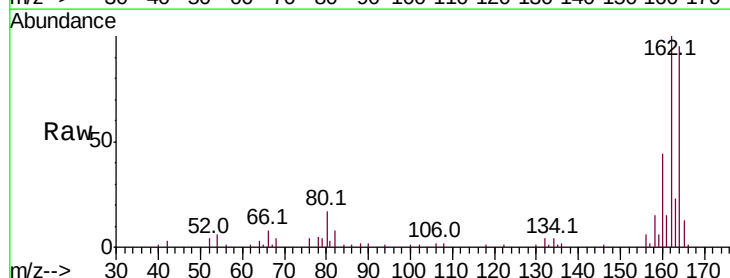


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

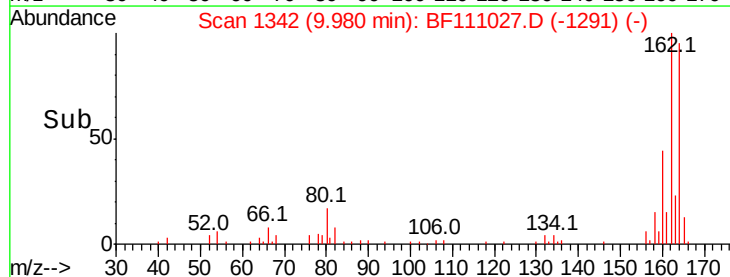
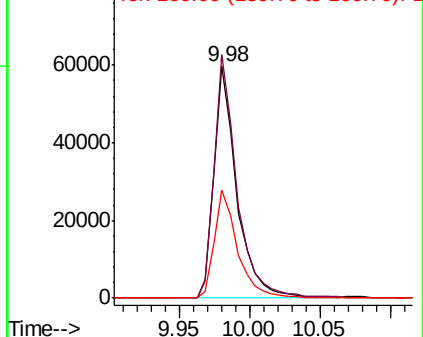


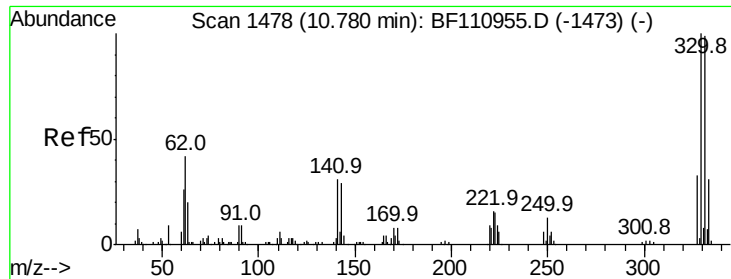
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF111027.D
 Acq: 28 Nov 2018 00:13

Tgt Ion	164	Resp	67530
Ion Ratio	Lower	Upper	
164	100		
162	105.2	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

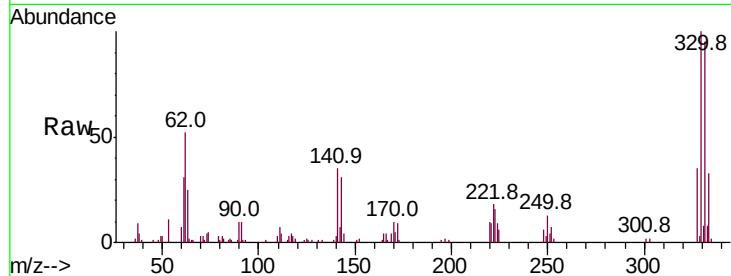




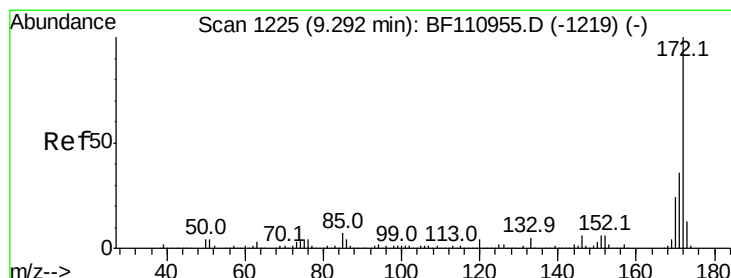
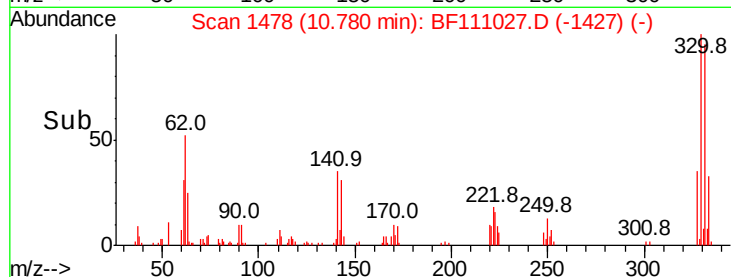
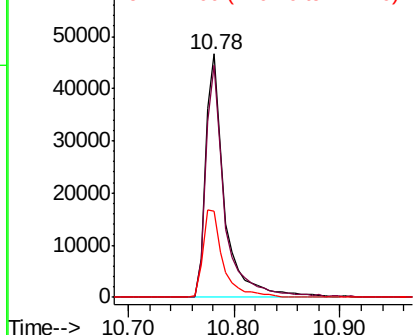
#42
 2,4,6-Tribromophenol
 Concen: 86.091 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111027.D
 Acq: 28 Nov 2018 00:13

Instrument :
 BNA_F
 ClientSampleId :
 112118-CHDE-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	38.0	27.0	40.4

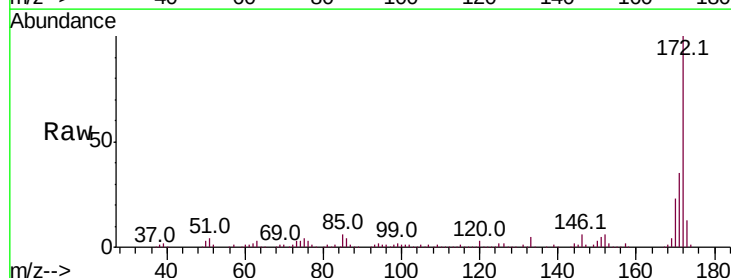


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

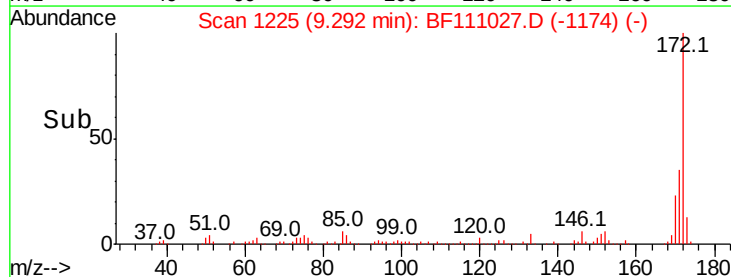
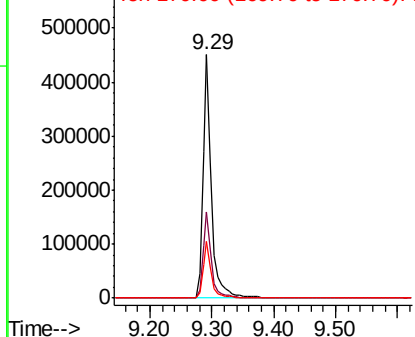


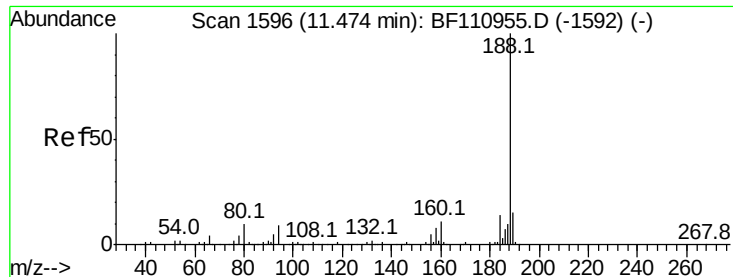
#45
 2-Fluorobiphenyl
 Concen: 94.487 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111027.D
 Acq: 28 Nov 2018 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.1	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

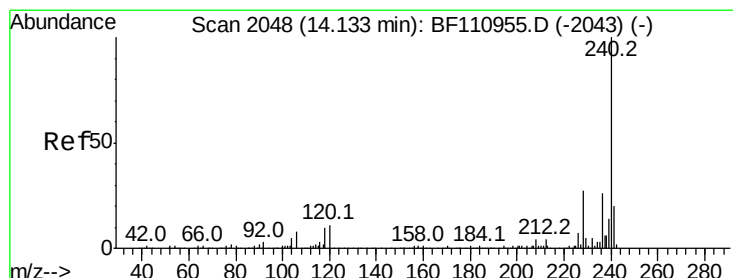
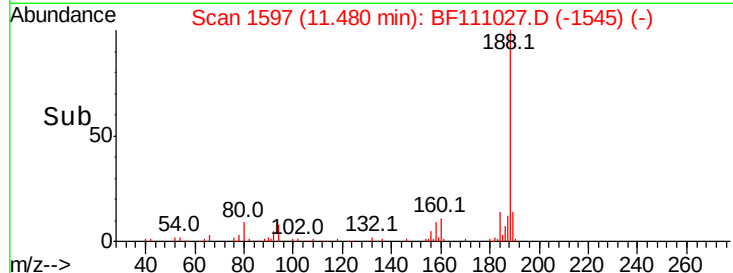
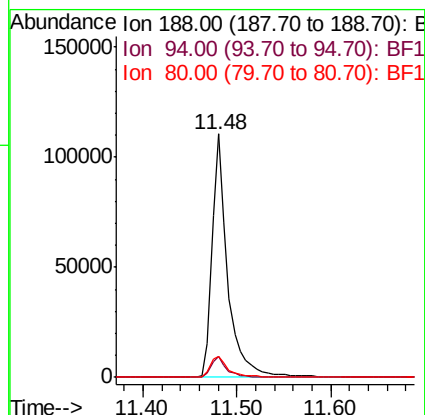
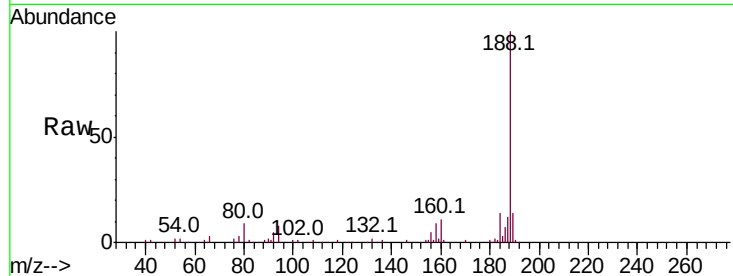




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

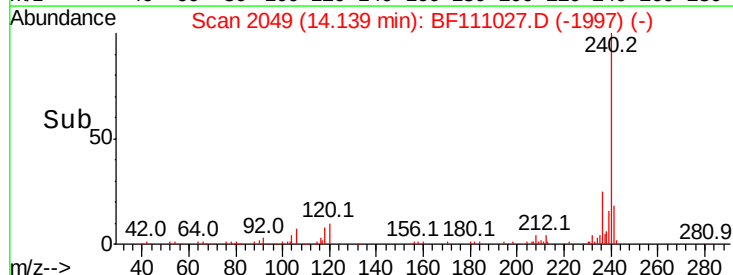
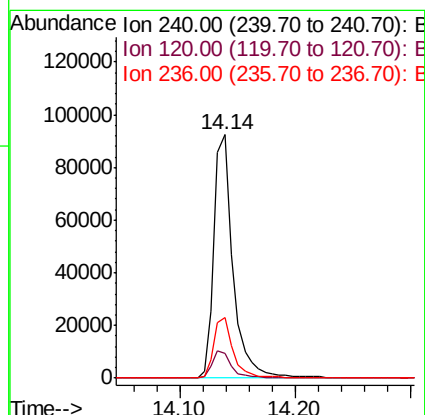
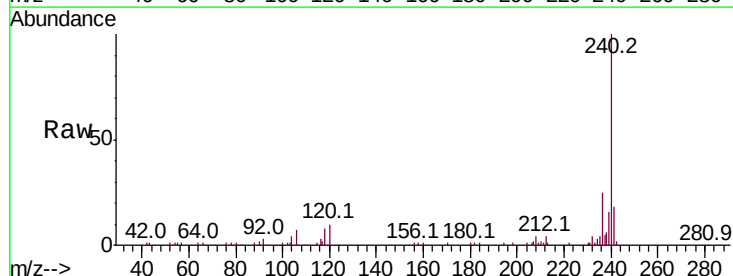
Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-D-S

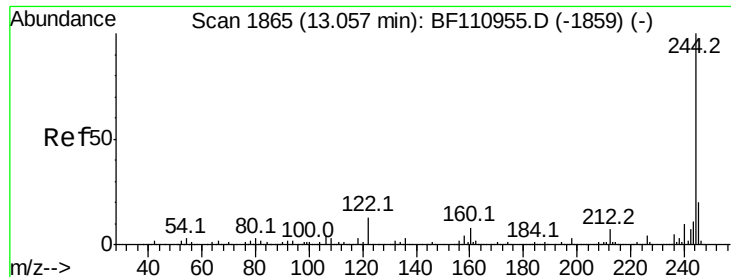
Tot Ion:188 Resp: 129873
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:240 Resp: 106661
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 25.1 21.2 31.8





#79

Terphenyl-d14

Concen: 86.697 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

Instrument :

BNA_F

ClientSampleId :

112118-CHDE-E-D-S

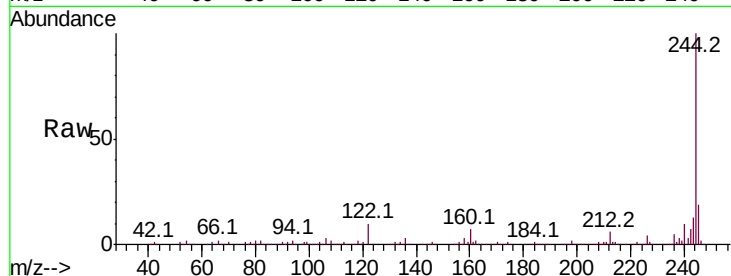
Tot Ion:244 Resp: 475035

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

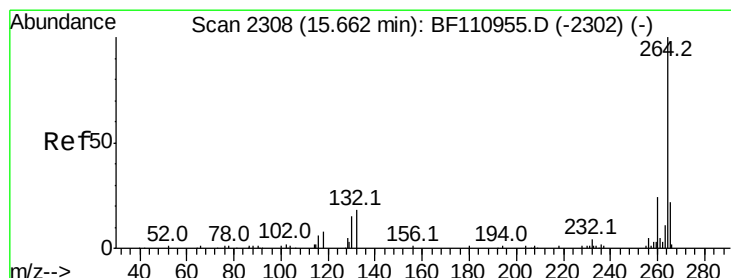
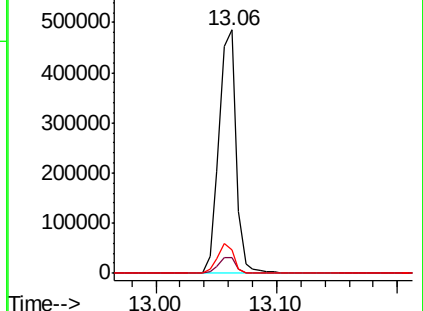
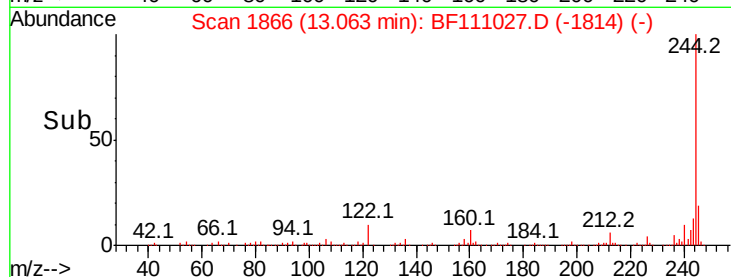
122 9.8 8.7 13.1



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# 2310

Delta R.T. 0.01 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

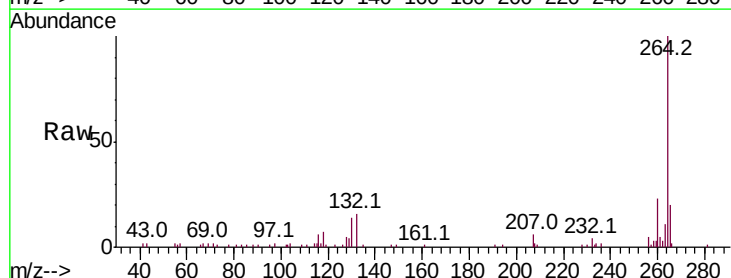
Tgt Ion:264 Resp: 67723

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 20.1 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

