

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110995.D
 Acq On : 27 Nov 2018 6:37
 Operator : JU/SJ
 Sample : PB115071BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BL

Quant Time: Nov 27 07:38:56 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 06:43:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	49253	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	184484	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	74150	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	126883	20.00	ng	0.00
76) Chrysene-d12	14.14	240	80773	20.00	ng	0.00
87) Perylene-d12	15.67	264	58409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	193171	65.04	ng	0.01
7) Phenol-d6	6.56	99	238997	61.75	ng	0.00
23) Nitrobenzene-d5	7.50	82	200152	62.09	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	38615	52.44	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	389559	76.11	ng	0.00
79) Terphenyl-d14	13.06	244	308372	74.32	ng	0.00

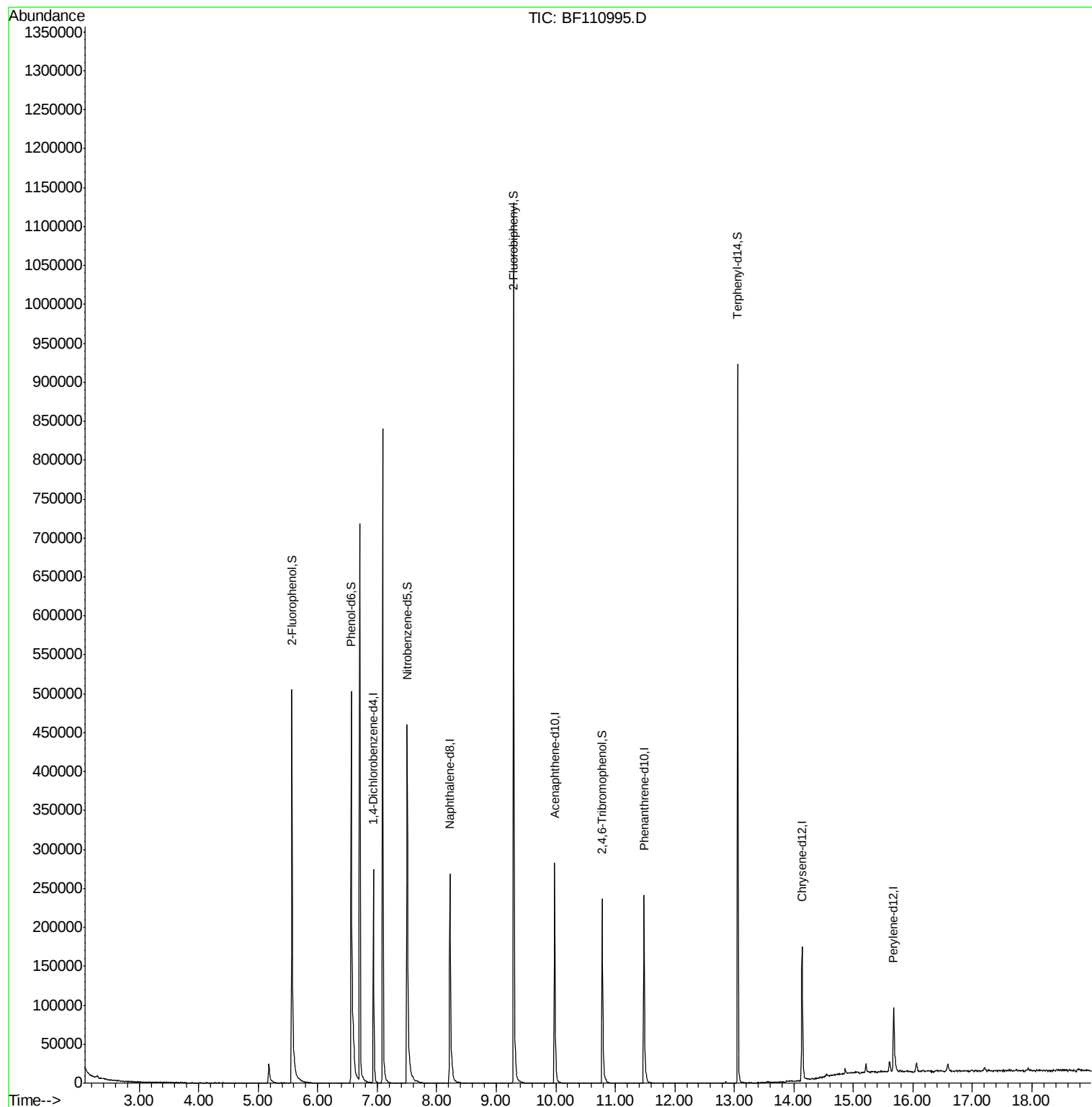
Target Compounds Qvalue

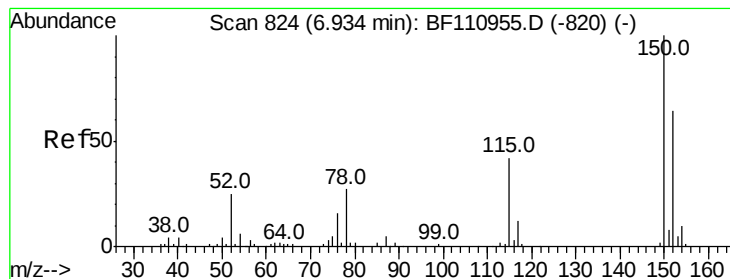
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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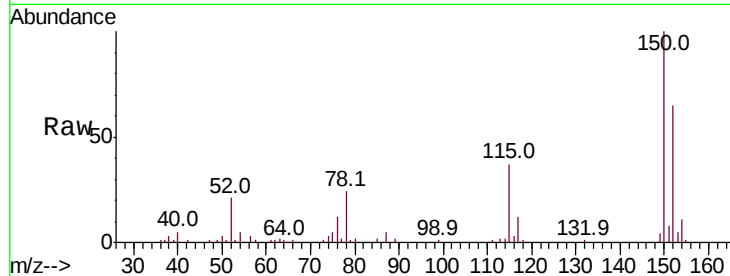


#1

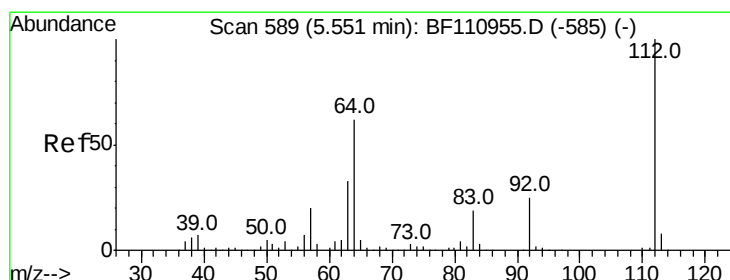
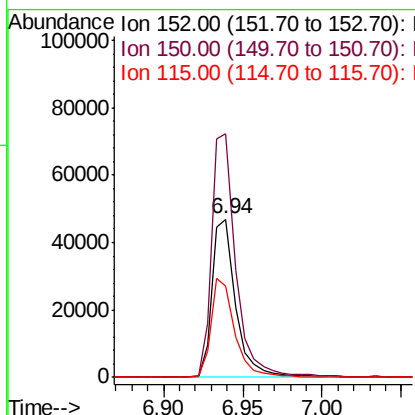
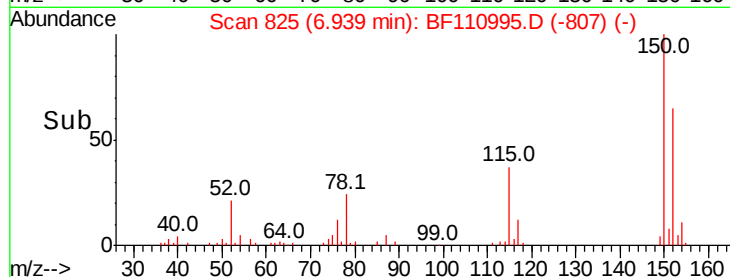
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF110995.D
 Acq: 27 Nov 2018 6:37

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BL

Tot Ion:152 Resp: 49253
 Ion Ratio Lower Upper
 152 100
 150 154.0 122.7 184.1
 115 57.5 49.1 73.7



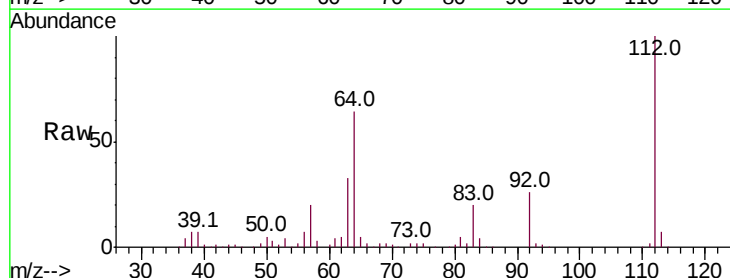
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



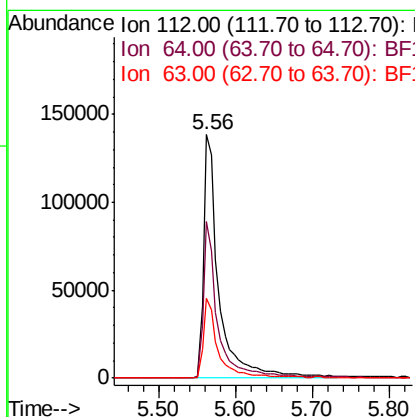
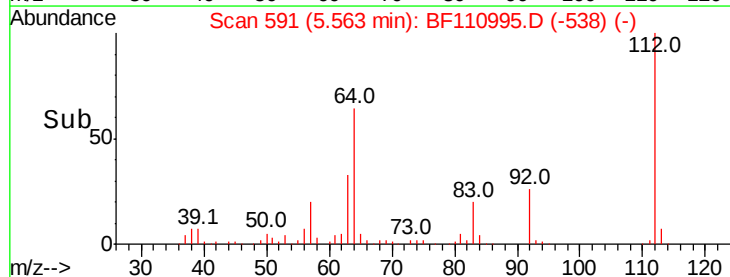
#5

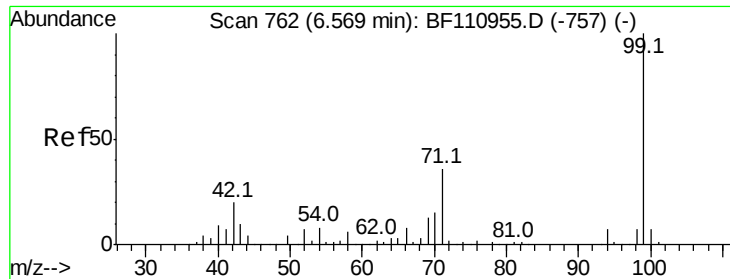
2-Fluorophenol
 Concen: 65.039 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF110995.D
 Acq: 27 Nov 2018 6:37

Tgt Ion:112 Resp: 193171
 Ion Ratio Lower Upper
 112 100
 64 64.3 44.1 66.1
 63 33.0 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: 61.749 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110995.D

Acq: 27 Nov 2018 6:37

Instrument :

BNA_F

ClientSampleId :

PB115071BL

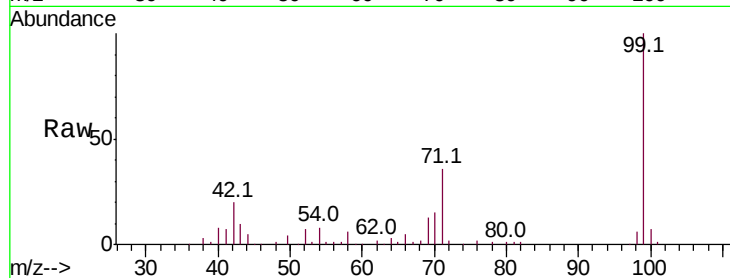
Tot Ion: 99 Resp: 238997

Ion Ratio Lower Upper

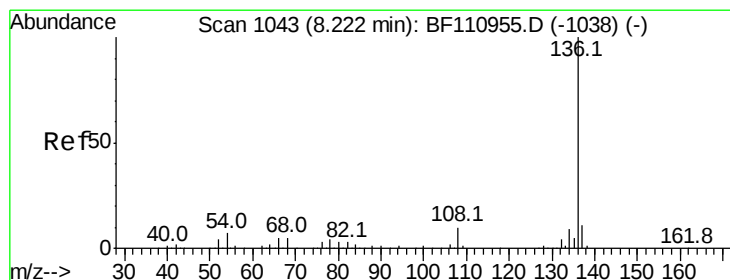
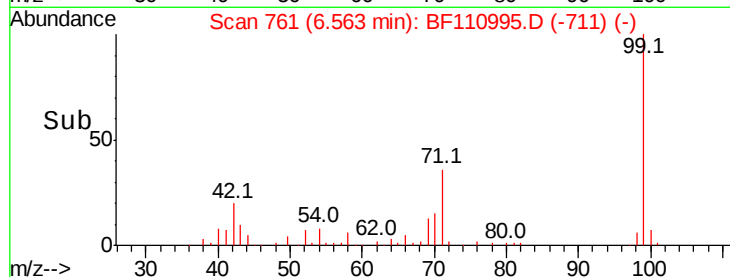
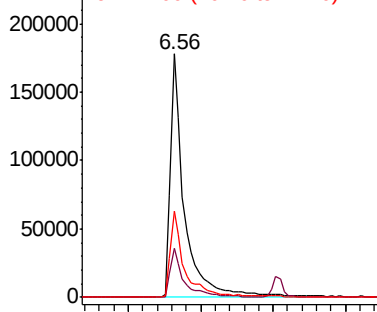
99 100

42 20.3 15.8 23.6

71 35.6 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: BF110995.D

Acq: 27 Nov 2018 6:37

Tgt Ion: 136 Resp: 184484

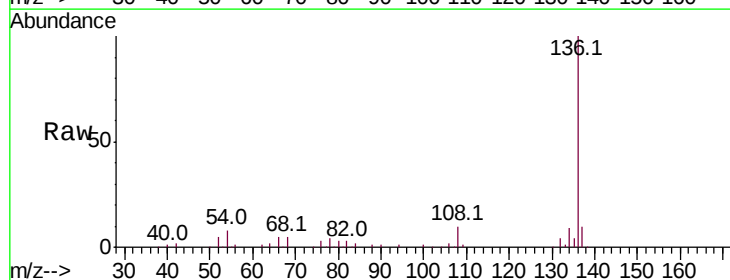
Ion Ratio Lower Upper

136 100

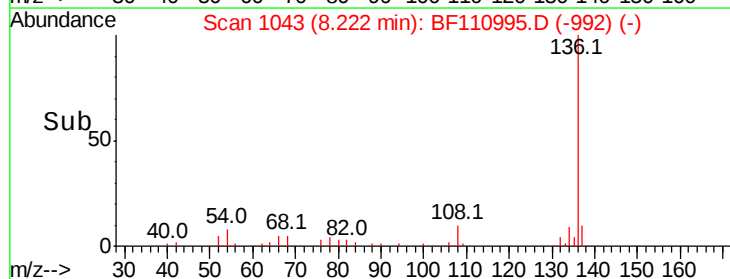
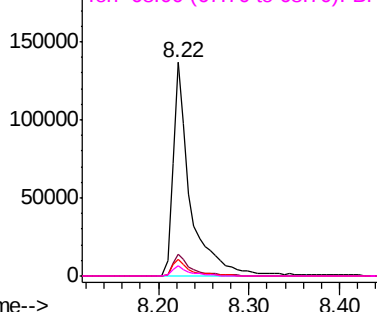
137 10.3 8.8 13.2

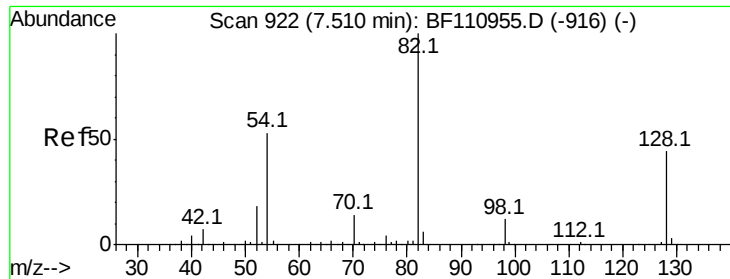
54 8.0 5.4 8.2

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

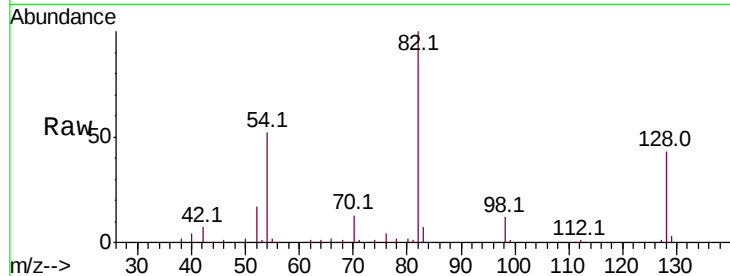




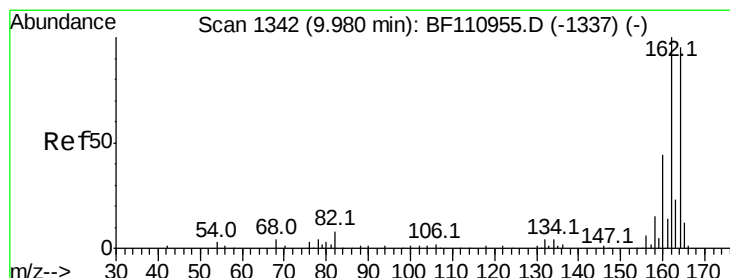
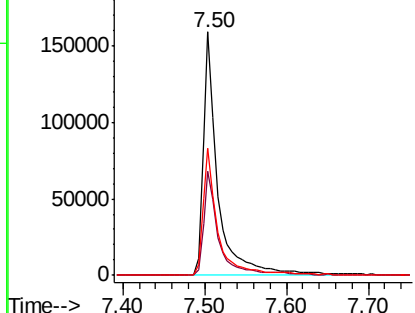
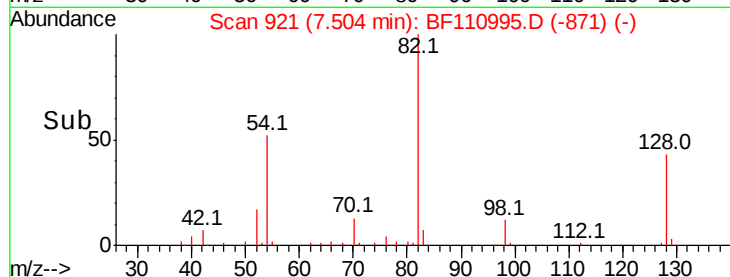
#23
Nitrobenzene-d5
Concen: 62.091 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110995.D
Acq: 27 Nov 2018 6:37

Instrument :
BNA_F
ClientSampleId :
PB115071BL

Tot Ion	82	Resp	200152
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.2	51.2
54	52.3	38.6	58.0

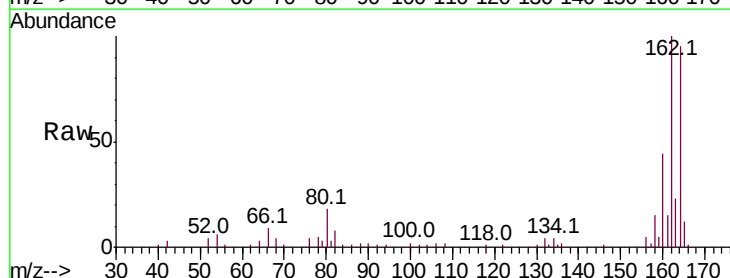


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

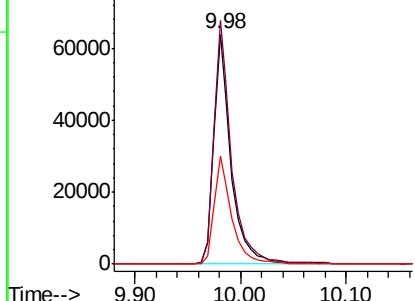
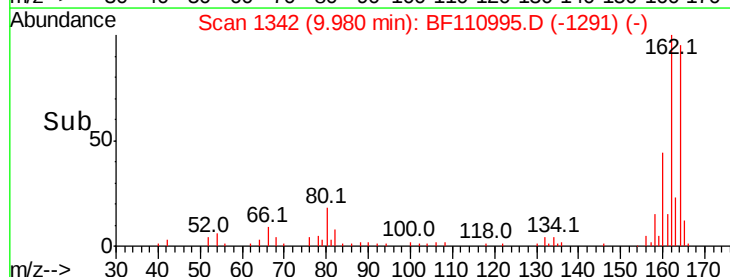


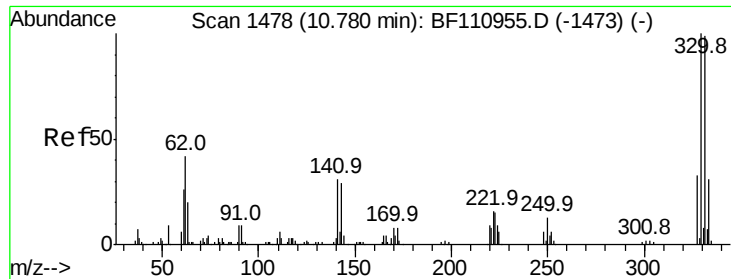
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110995.D
Acq: 27 Nov 2018 6:37

Tgt Ion	164	Resp	74150
Ion Ratio	Lower	Upper	
164	100		
162	105.8	83.0	124.6
160	46.6	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: 52.437 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF110995.D

Acq: 27 Nov 2018 6:37

Instrument :

BNA_F

ClientSampleId :

PB115071BL

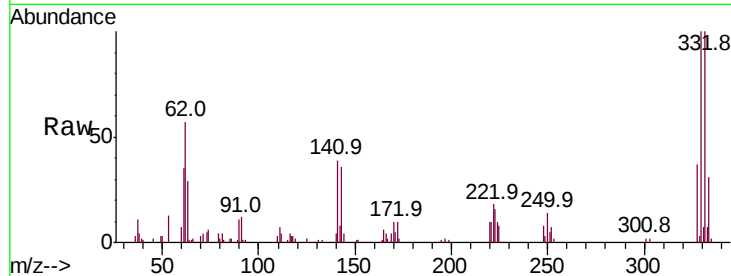
Tot Ion:330 Resp: 38615

Ion Ratio Lower Upper

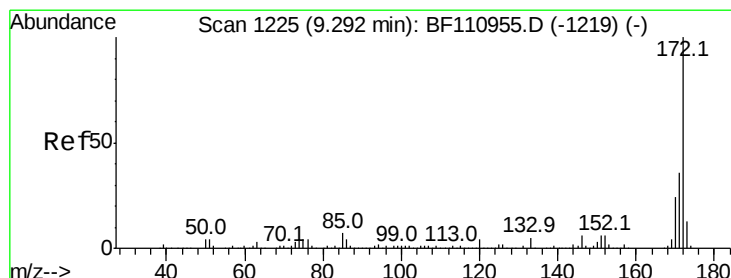
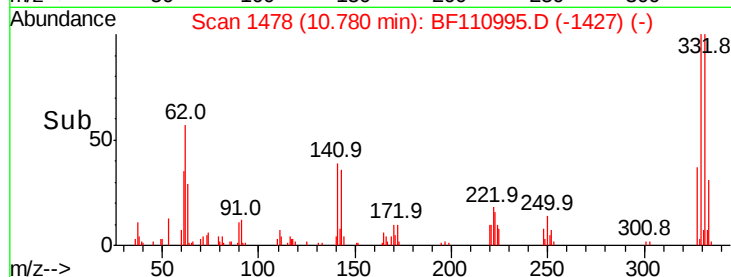
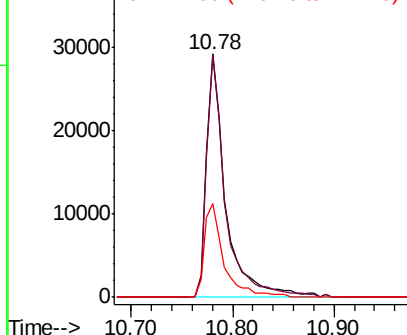
330 100

332 97.1 77.1 115.7

141 39.0 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: 76.114 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF110995.D

Acq: 27 Nov 2018 6:37

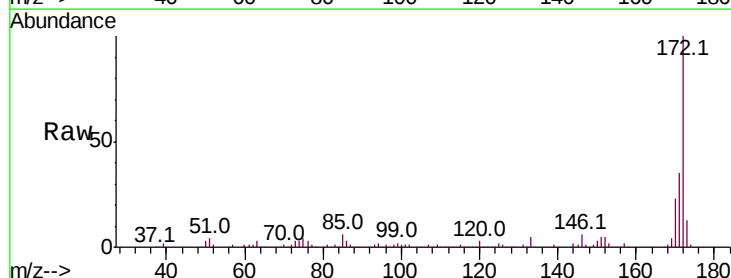
Tgt Ion:172 Resp: 389559

Ion Ratio Lower Upper

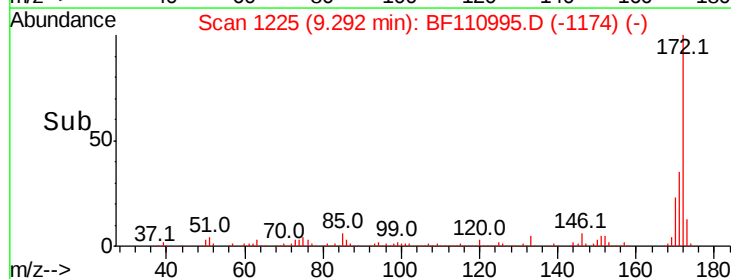
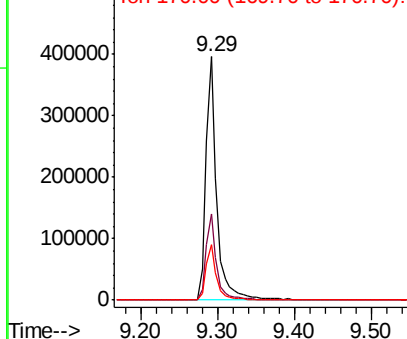
172 100

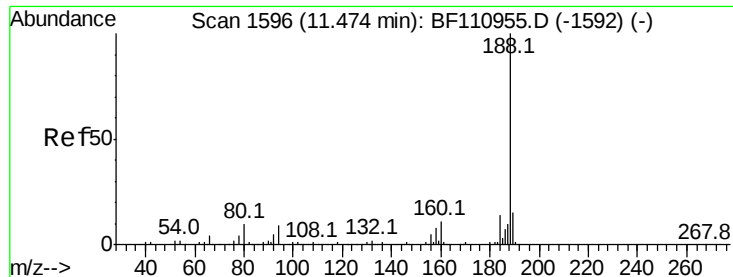
171 35.3 28.6 43.0

170 22.8 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

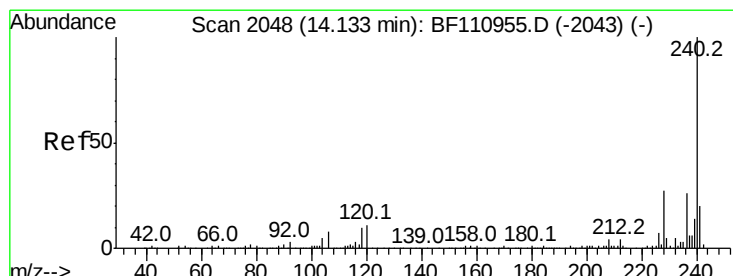
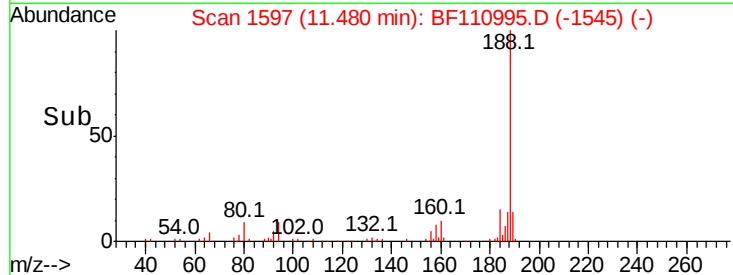
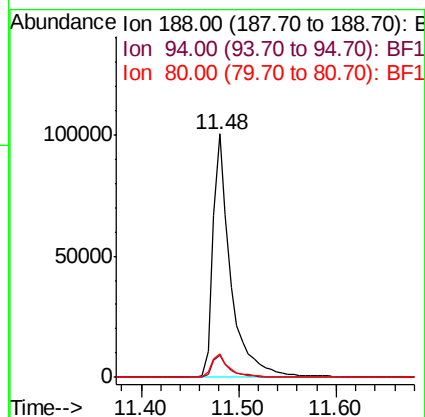
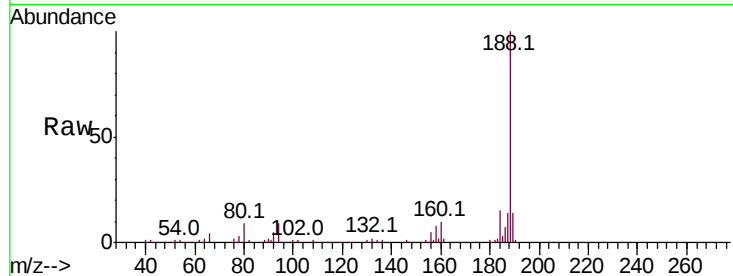




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110995.D
Acq: 27 Nov 2018 6:37

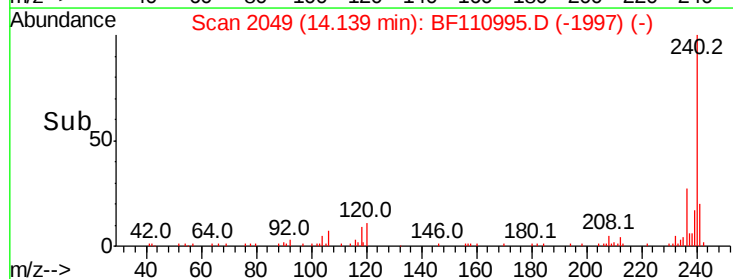
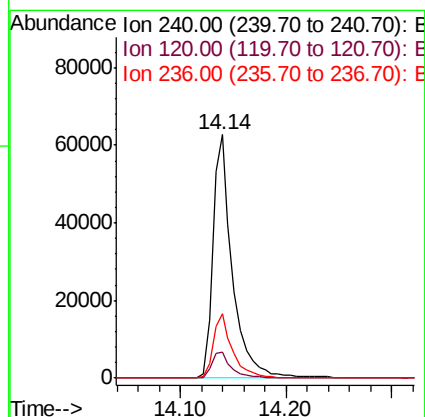
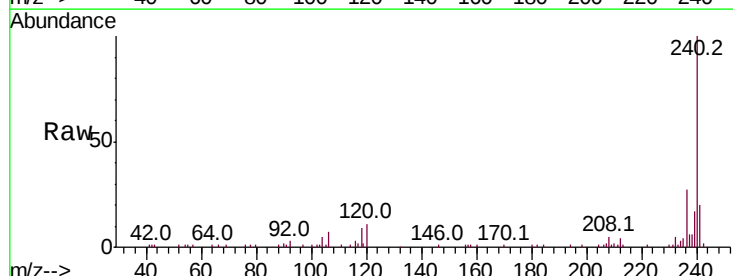
Instrument :
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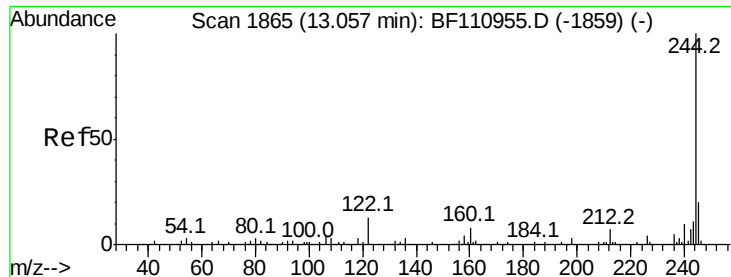
Tot Ion:188 Resp: 126883
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF110995.D
Acq: 27 Nov 2018 6:37

Tgt Ion:240 Resp: 80773
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 26.6 21.2 31.8





#79

Terphenyl-d14

Concen: 74.318 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF110995.D

Acq: 27 Nov 2018 6:37

Instrument :

BNA_F

ClientSampleId :

PB115071BL

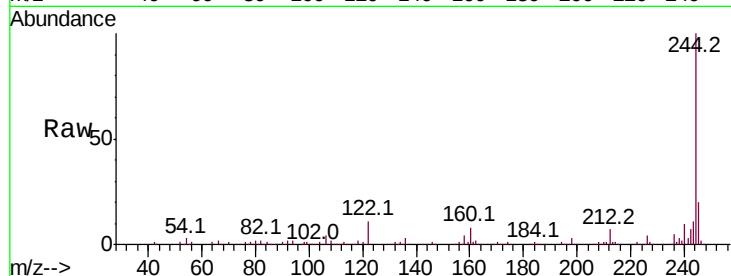
Tot Ion:244 Resp: 308372

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

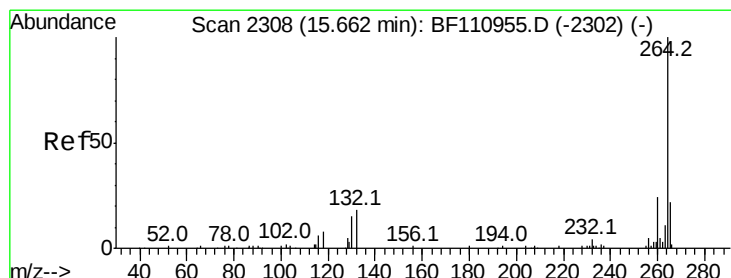
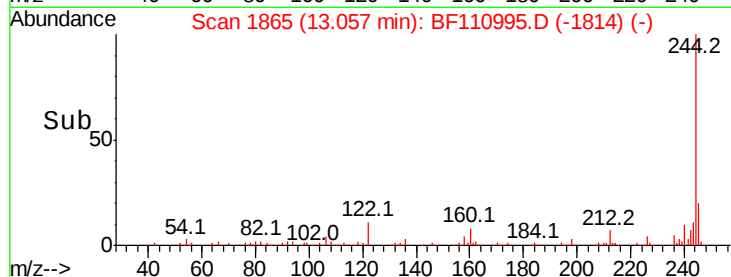
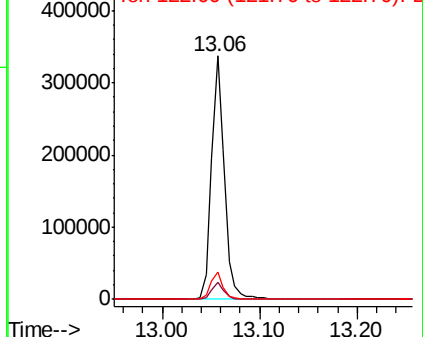
122 11.3 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110995.D

Acq: 27 Nov 2018 6:37

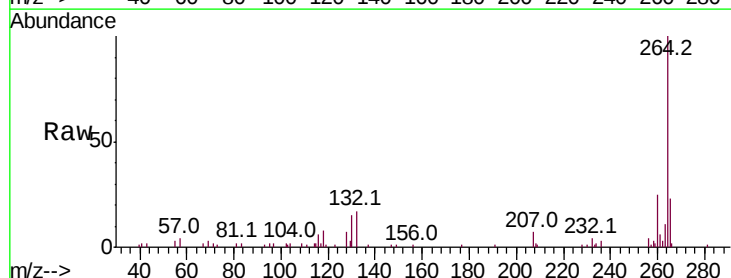
Tgt Ion:264 Resp: 58409

Ion Ratio Lower Upper

264 100

260 25.5 18.7 28.1

265 22.5 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

