

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110971.D
 Acq On : 26 Nov 2018 18:43
 Operator : JU/SJ
 Sample : J6030-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Nov 27 03:22:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

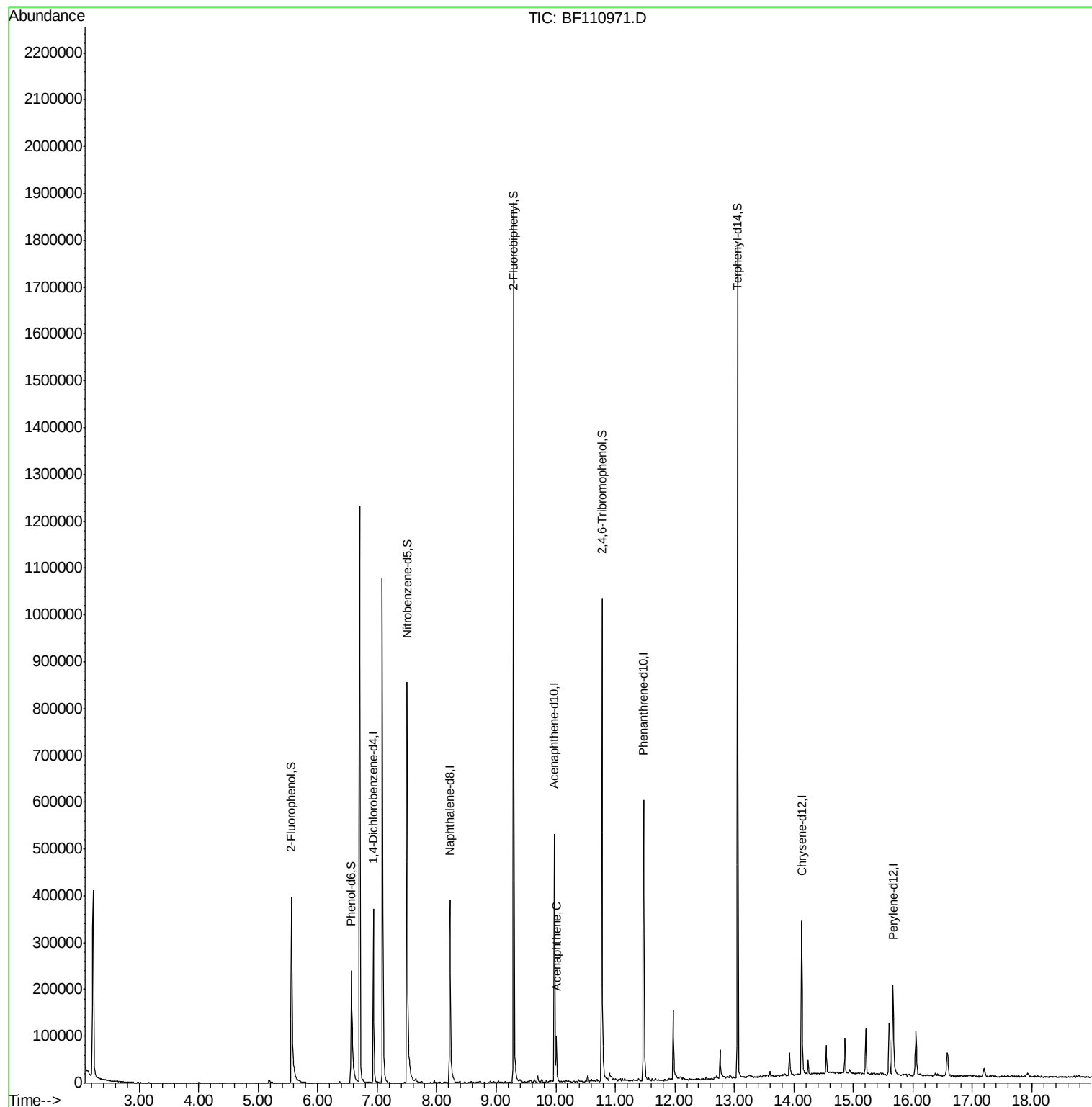
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60609	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	252879	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	119501	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	227560	20.00	ng	0.00
76) Chrysene-d12	14.13	240	128100	20.00	ng	0.00
87) Perylene-d12	15.66	264	118841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	172543	47.21	ng	0.00
7) Phenol-d6	6.57	99	132006	27.72	ng	0.00
23) Nitrobenzene-d5	7.50	82	322487	72.98	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	127101	107.09	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	603630	73.18	ng	0.00
79) Terphenyl-d14	13.06	244	553081	84.05	ng	0.00
Target Compounds						
52) Acenaphthene	10.01	154	21580	2.964	ng	Qvalue 92

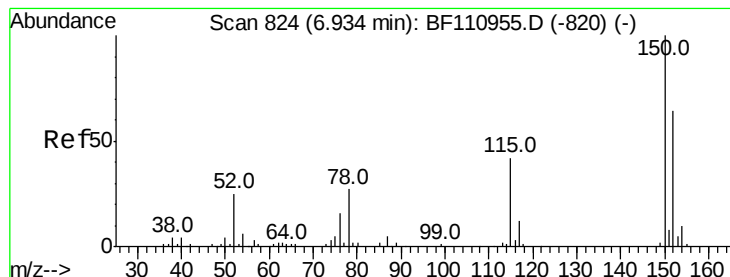
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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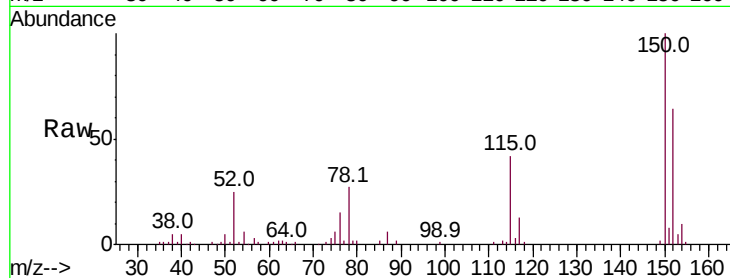


#1

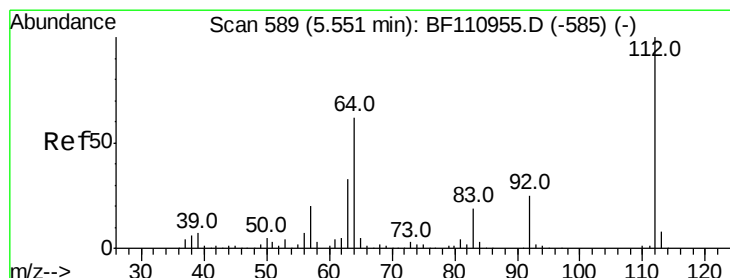
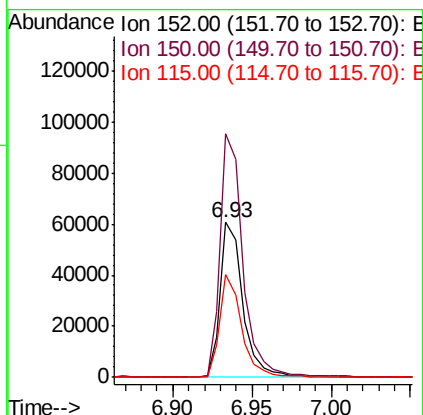
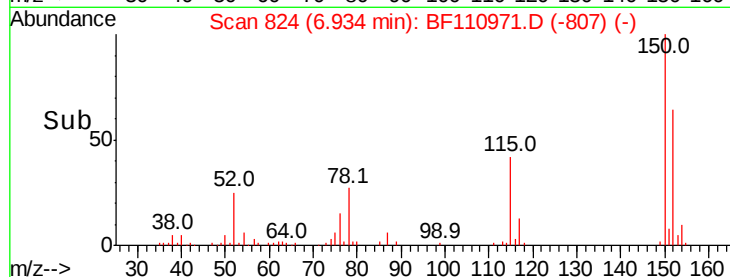
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF110971.D
Acq: 26 Nov 2018 18:43

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tot Ion:152 Resp: 60609
Ion Ratio Lower Upper
152 100
150 157.3 122.7 184.1
115 66.8 49.1 73.7



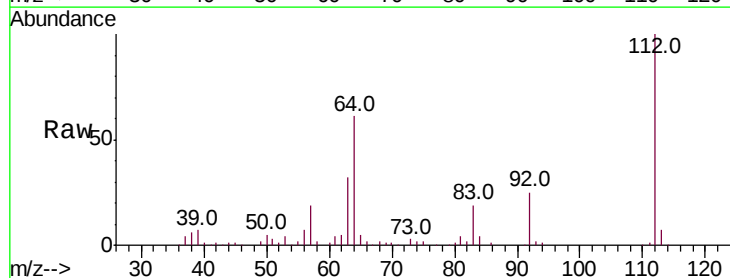
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



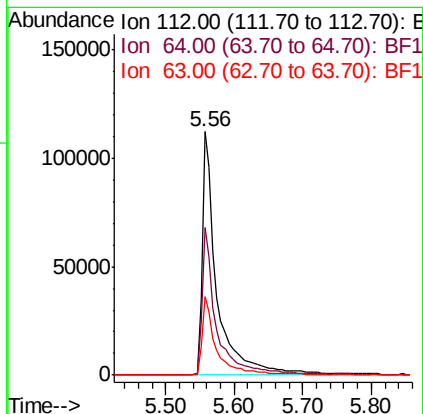
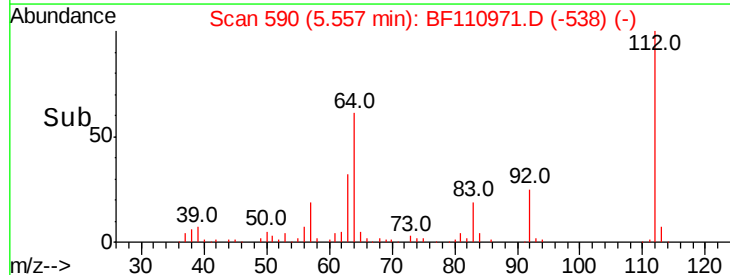
#5

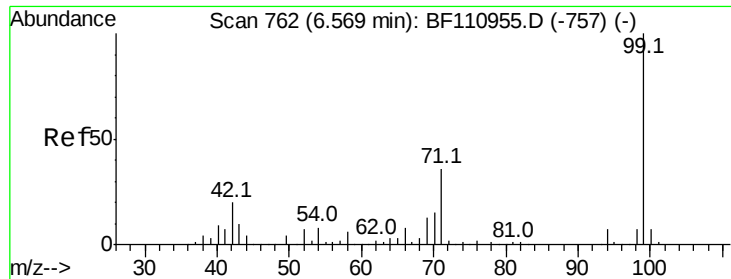
2-Fluorophenol
Concen: 47.209 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF110971.D
Acq: 26 Nov 2018 18:43

Tgt Ion:112 Resp: 172543
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 32.0 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: 27.716 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF110971.D

Acq: 26 Nov 2018 18:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

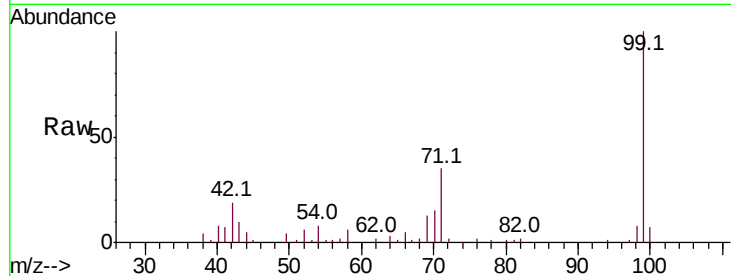
Tot Ion: 99 Resp: 132006

Ion Ratio Lower Upper

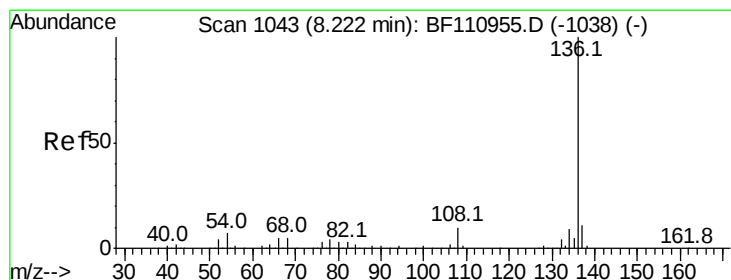
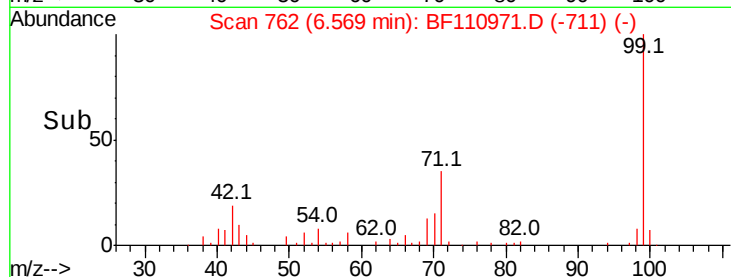
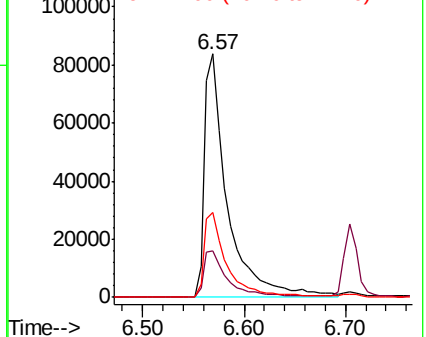
99 100

42 19.3 15.8 23.6

71 34.7 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: BF110971.D

Acq: 26 Nov 2018 18:43

Tgt Ion: 136 Resp: 252879

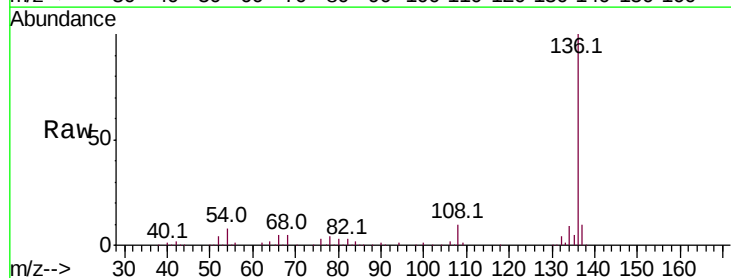
Ion Ratio Lower Upper

136 100

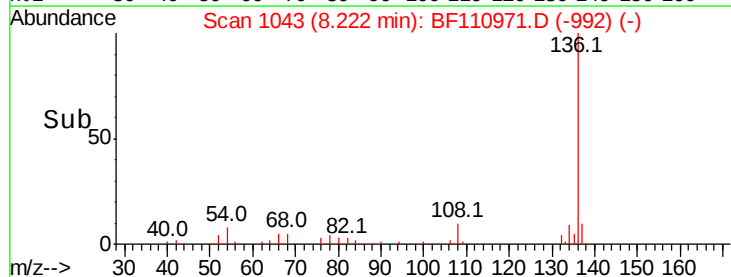
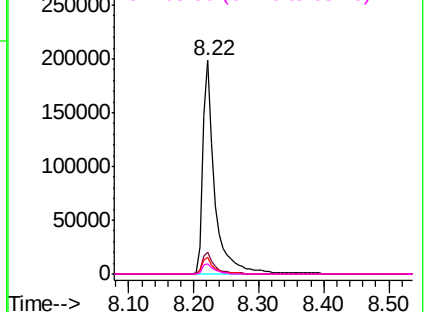
137 10.3 8.8 13.2

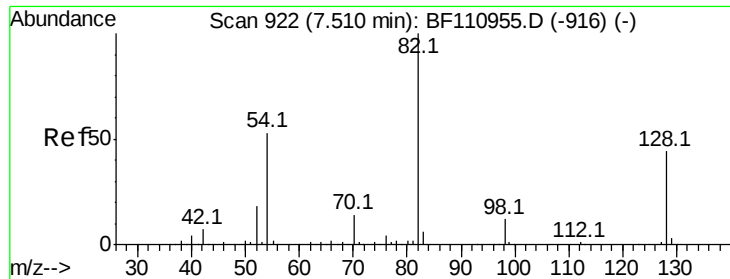
54 7.7 5.4 8.2

68 4.9 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

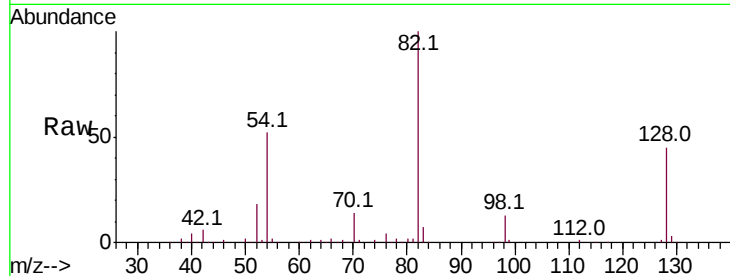




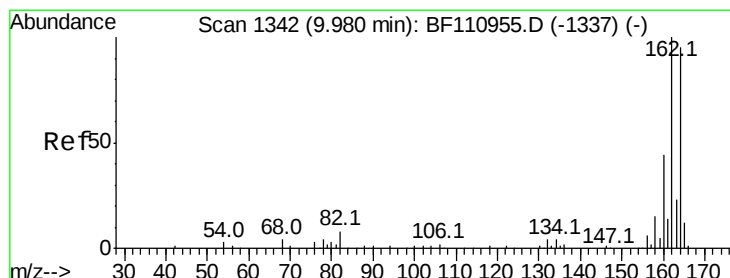
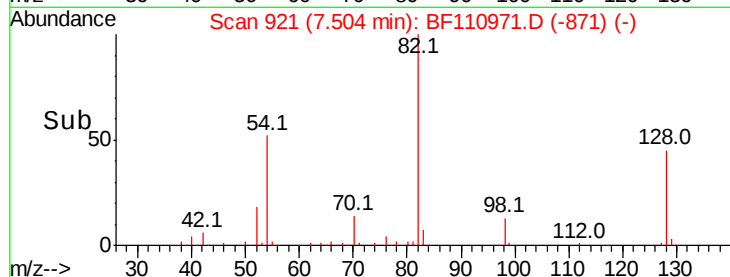
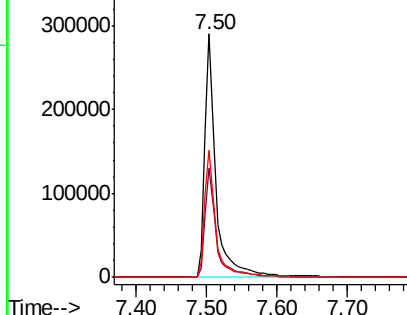
#23
 Nitrobenzene-d5
 Concen: 72.984 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110971.D
 Acq: 26 Nov 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tot Ion	82	Resp	322487
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	52.3	38.6	58.0

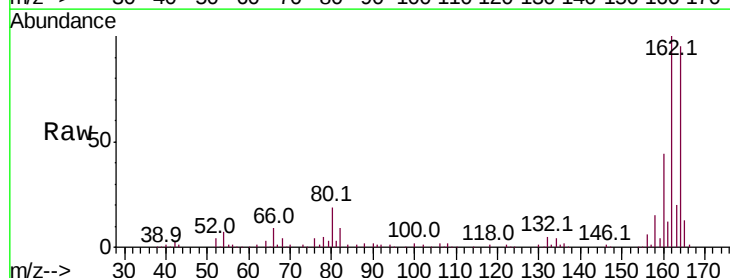


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

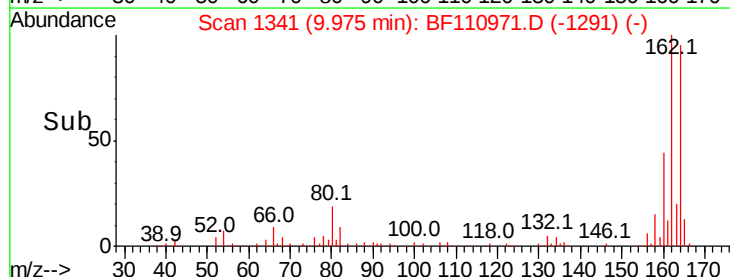
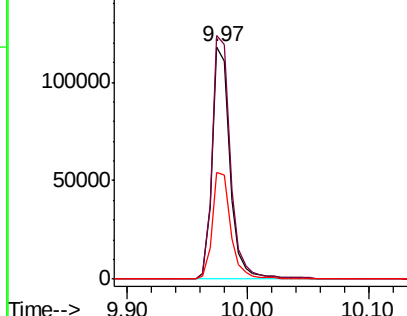


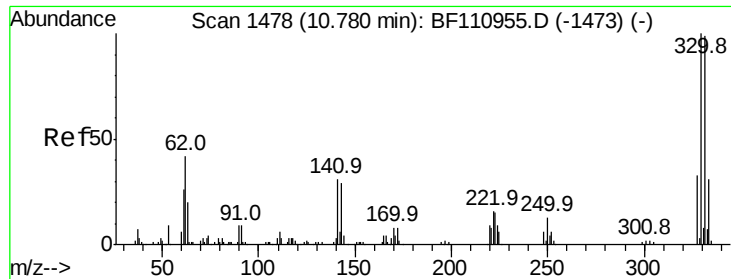
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF110971.D
 Acq: 26 Nov 2018 18:43

Tgt Ion	164	Resp	119501
Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.6
160	46.0	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

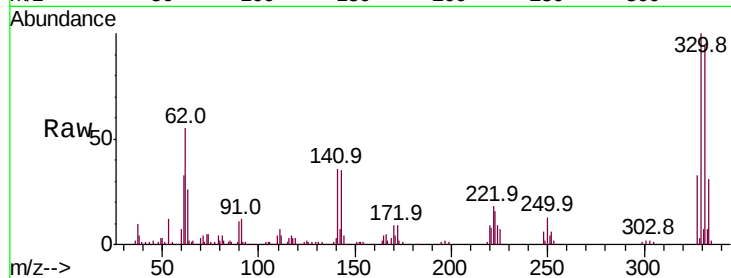




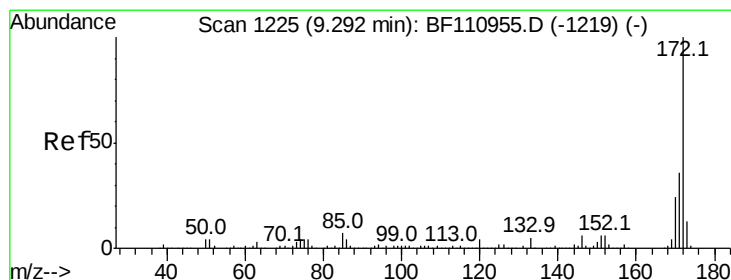
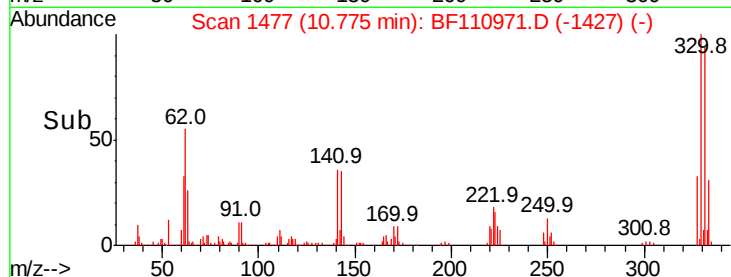
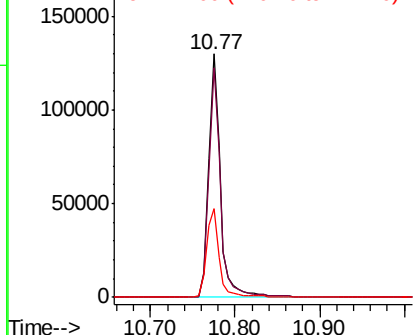
#42
 2,4,6-Tribromophenol
 Concen: 107.095 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110971.D
 Acq: 26 Nov 2018 18:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tot Ion:330 Resp: 127101
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.1 115.7
 141 38.4 27.0 40.4

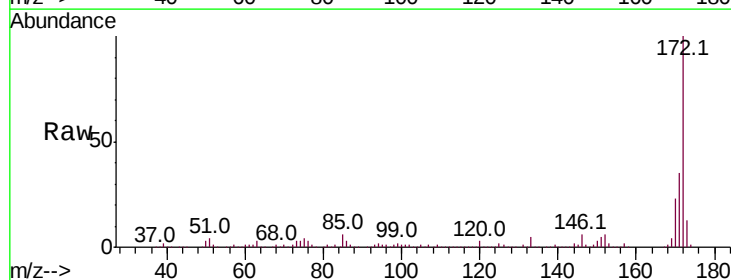


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

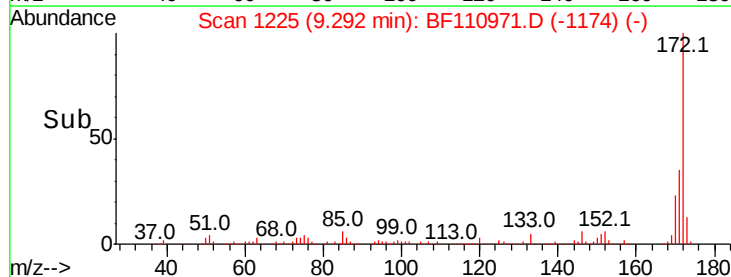
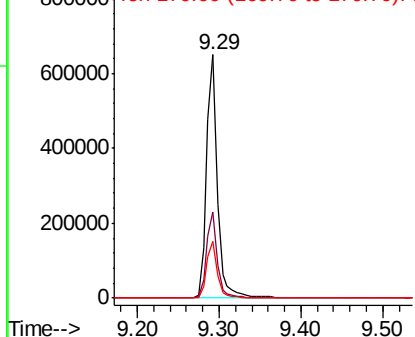


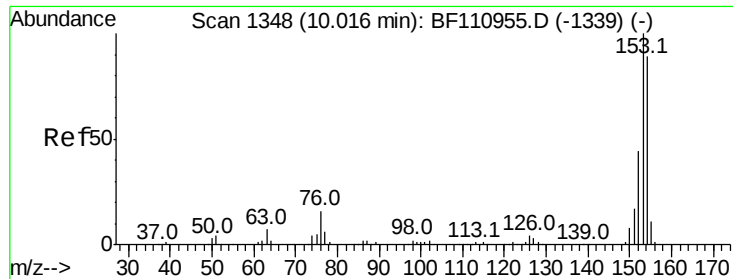
#45
 2-Fluorobiphenyl
 Concen: 73.181 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF110971.D
 Acq: 26 Nov 2018 18:43

Tgt Ion:172 Resp: 603630
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.4 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





#52

Acenaphthene

Concen: 2.964 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110971.D

Acq: 26 Nov 2018 18:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

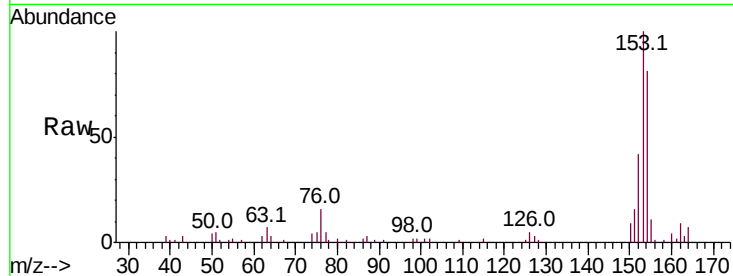
Tot Ion:154 Resp: 21580

Ion Ratio Lower Upper

154 100

153 123.9 90.1 135.1

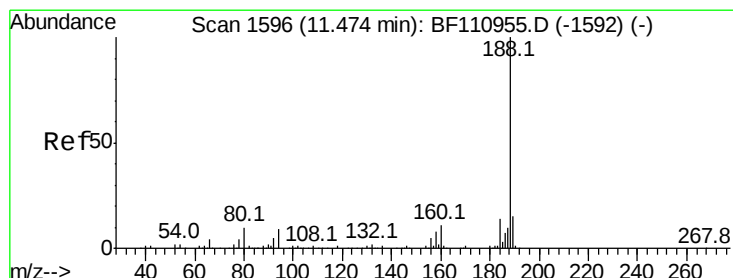
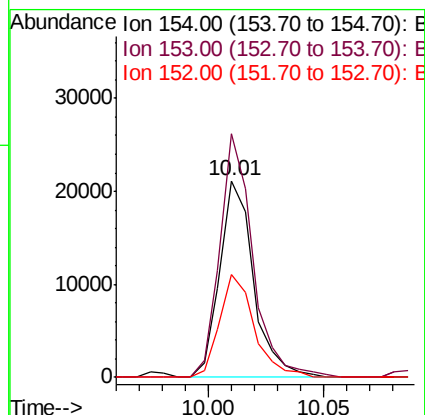
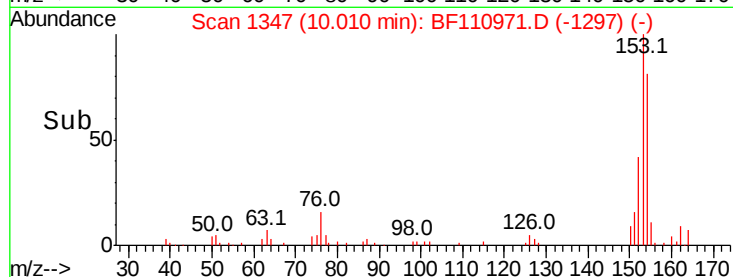
152 52.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF110971.D

Acq: 26 Nov 2018 18:43

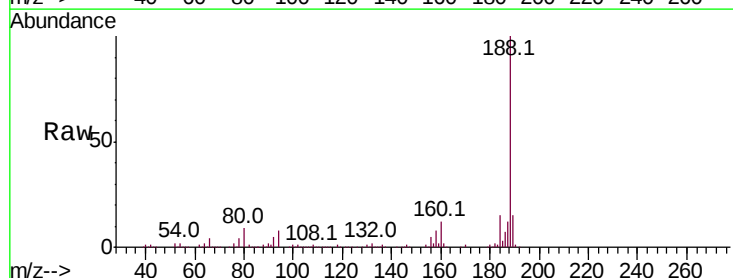
Tgt Ion:188 Resp: 227560

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

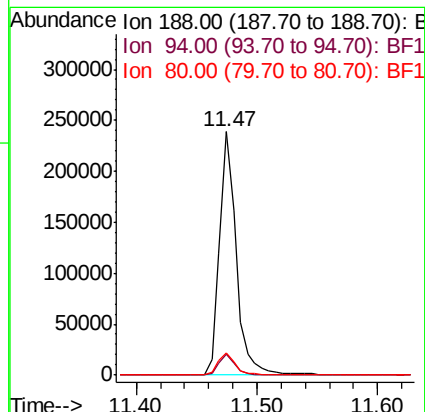
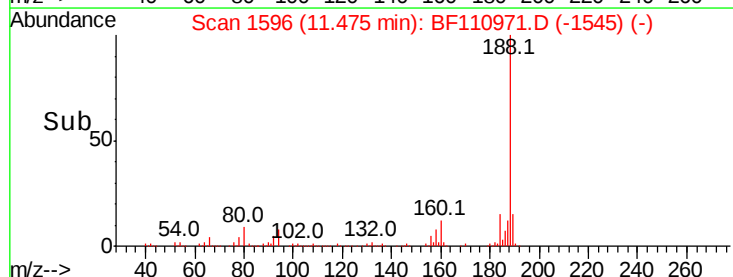
80 9.3 7.9 11.9

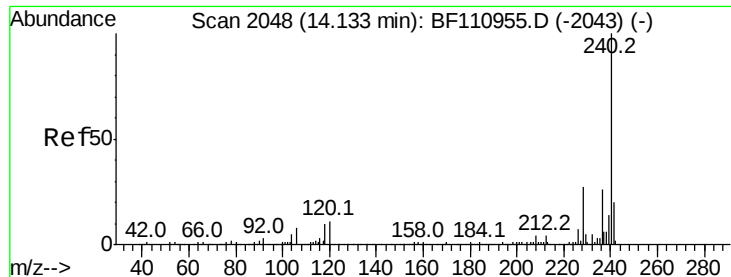


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.13 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BF110971.D

Acq: 26 Nov 2018 18:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

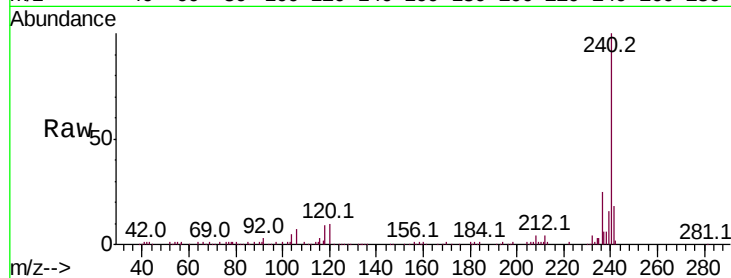
Tot Ion:240 Resp: 128100

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

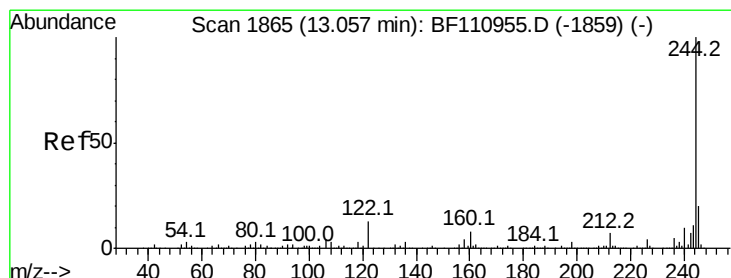
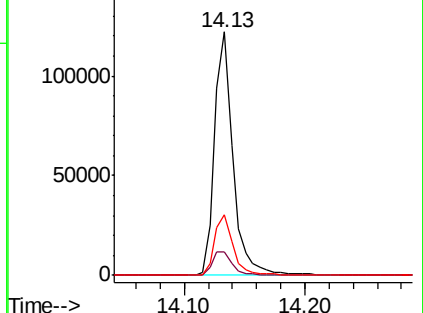
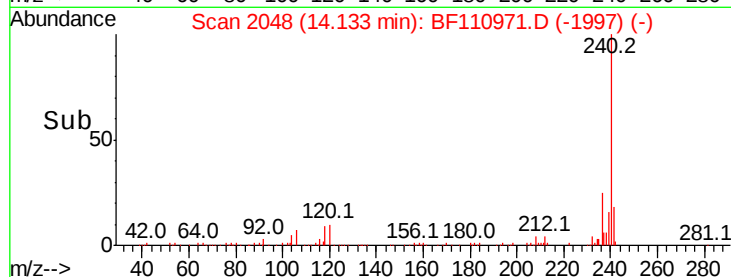
236 25.1 21.2 31.8



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: 84.048 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110971.D

Acq: 26 Nov 2018 18:43

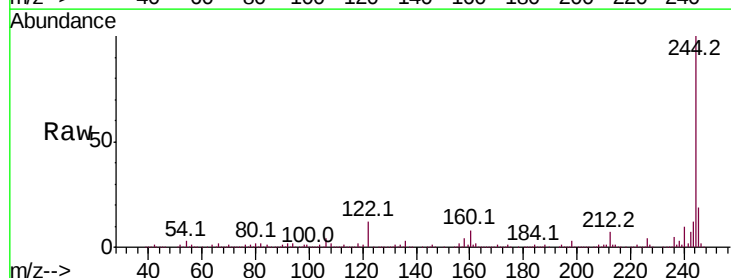
Tgt Ion:244 Resp: 553081

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

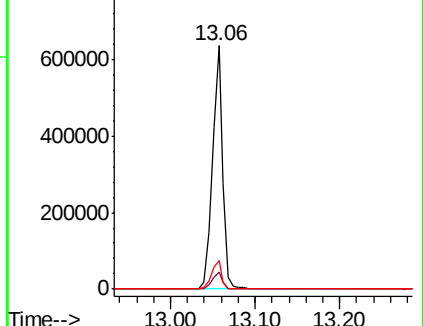
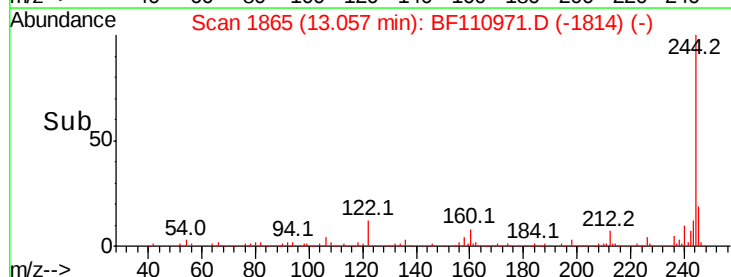
122 11.8 8.7 13.1

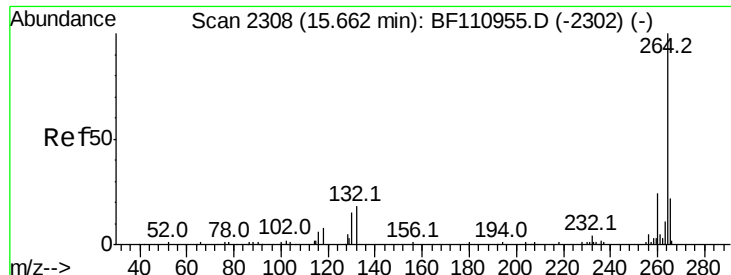


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



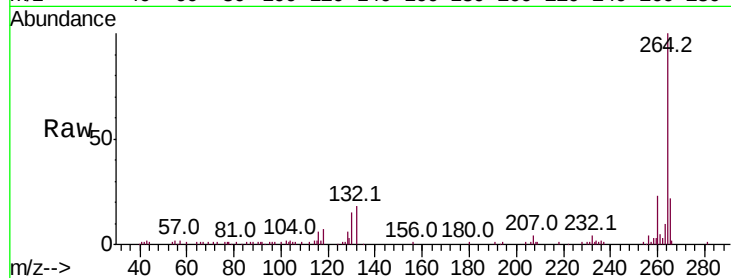


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BF110971.D
Acq: 26 Nov 2018 18:43

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tot Ion:264 Resp: 118841

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.6	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

