

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110738.D
 Acq On : 14 Nov 2018 00:01
 Operator : JU/SJ
 Sample : J5908-15 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-5-S

Quant Time: Nov 14 06:42:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73348	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	276349	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	104528	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	180387	20.00	ng	0.00
76) Chrysene-d12	14.13	240	151970	20.00	ng	-0.01
87) Perylene-d12	15.66	264	99950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	104051	23.04	ng	0.00
7) Phenol-d6	6.56	99	127174	22.02	ng	-0.01
23) Nitrobenzene-d5	7.51	82	72984	15.21	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	20051	19.04	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	121627	16.62	ng	0.00
79) Terphenyl-d14	13.06	244	105336	12.98	ng	-0.01

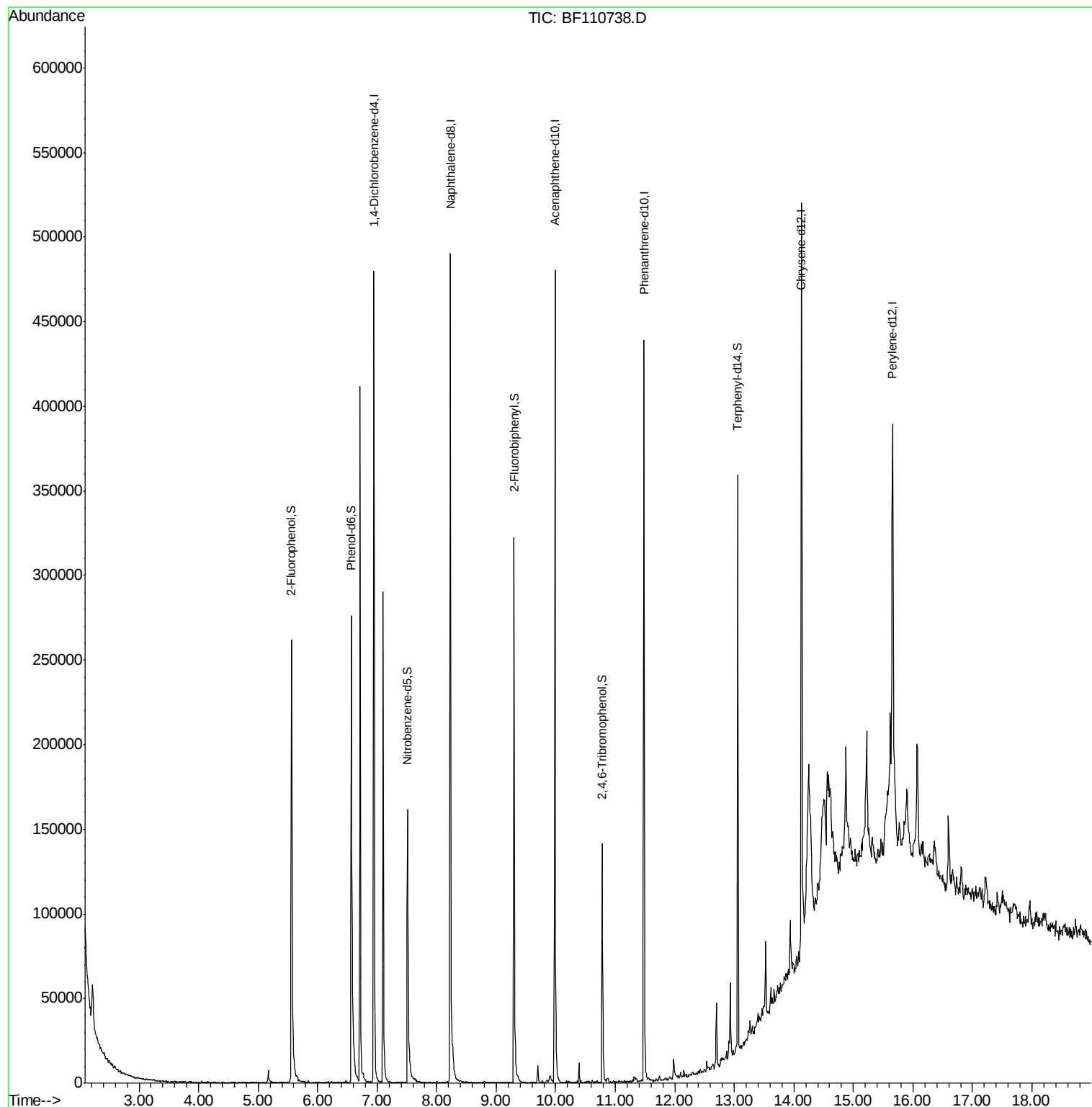
Target Compounds Qvalue

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

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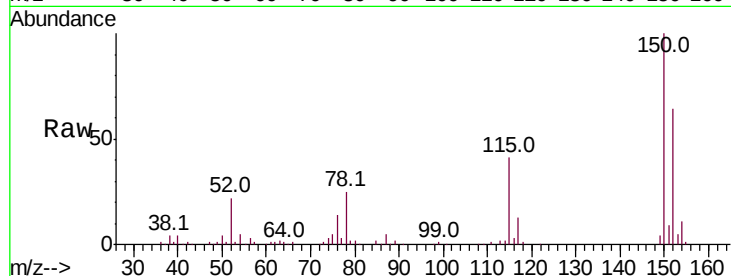


#1

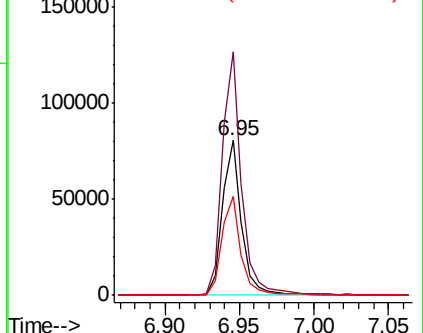
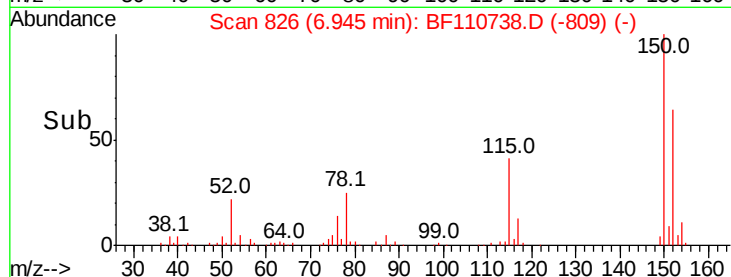
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Instrument :
BNA_F
ClientSampleId :
SR-5-S

Tot Ion:152 Resp: 73348
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 63.6 49.1 73.7



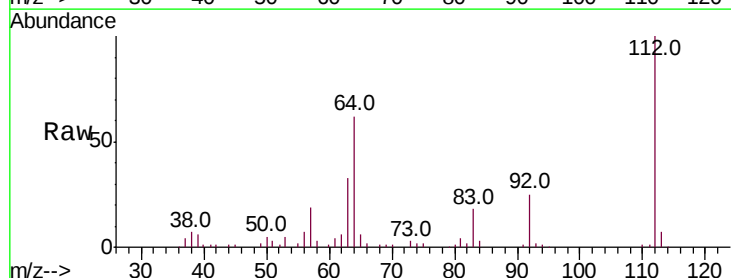
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



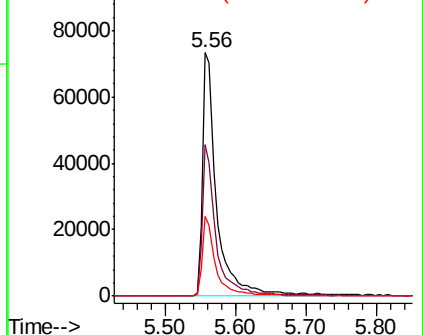
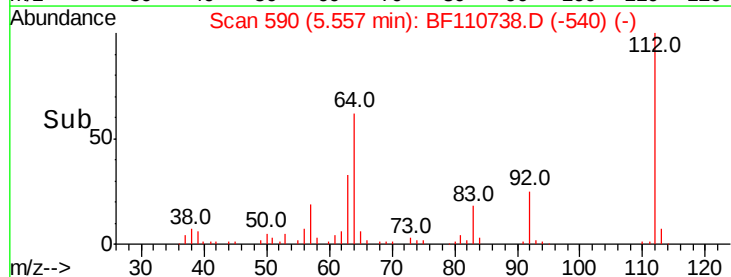
#5

2-Fluorophenol
Concen: 23.042 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Tgt Ion:112 Resp: 104051
Ion Ratio Lower Upper
112 100
64 62.2 44.1 66.1
63 32.9 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: 22.024 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

Instrument :

BNA_F

ClientSampleId :

SR-5-S

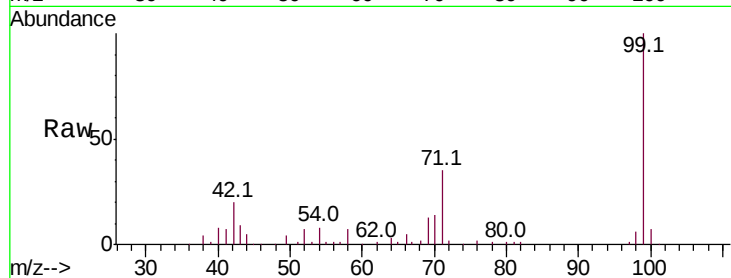
Tot Ion: 99 Resp: 127174

Ion Ratio Lower Upper

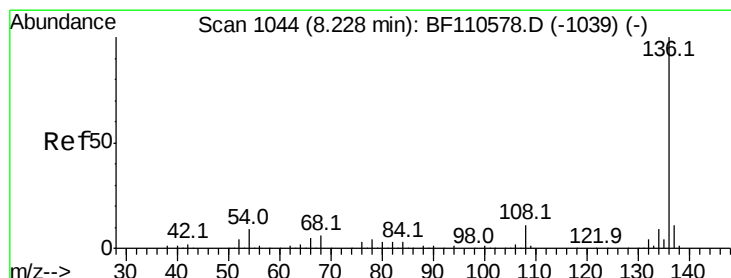
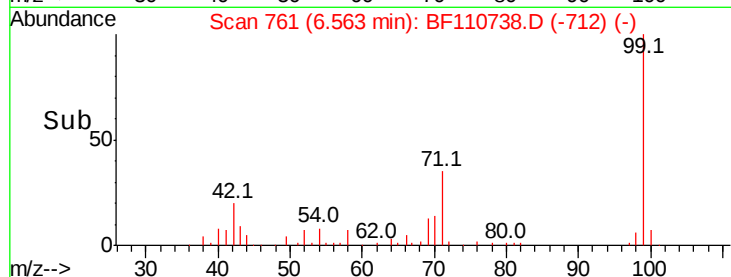
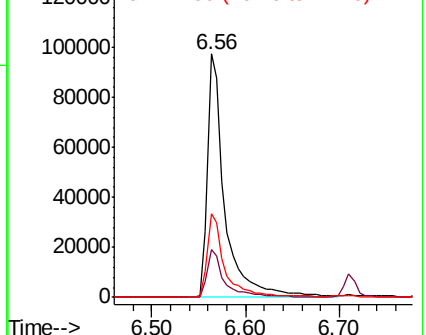
99 100

42 19.6 15.8 23.6

71 34.6 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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

Tgt Ion: 136 Resp: 276349

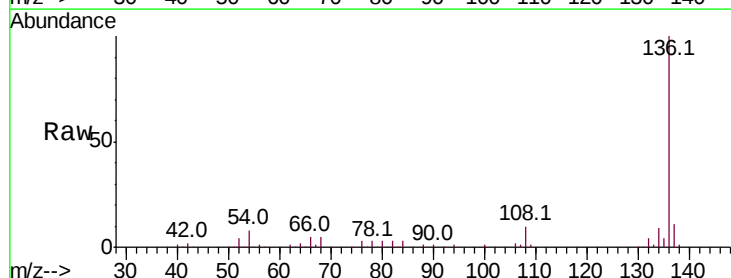
Ion Ratio Lower Upper

136 100

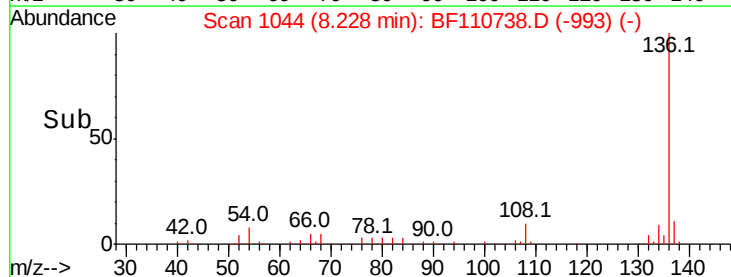
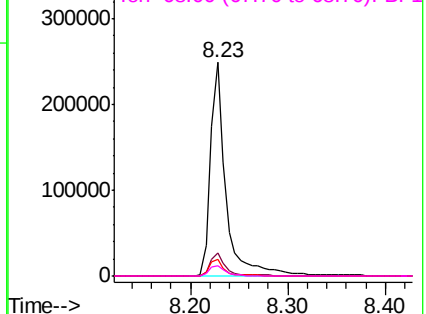
137 11.1 8.8 13.2

54 8.0 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

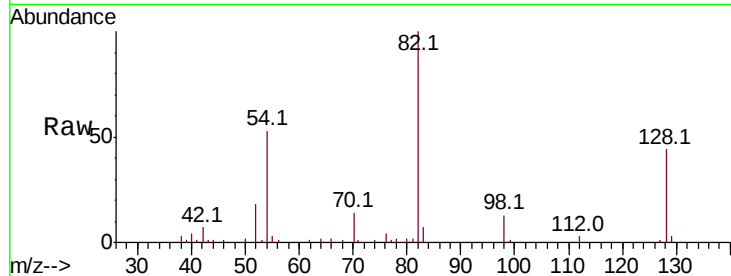




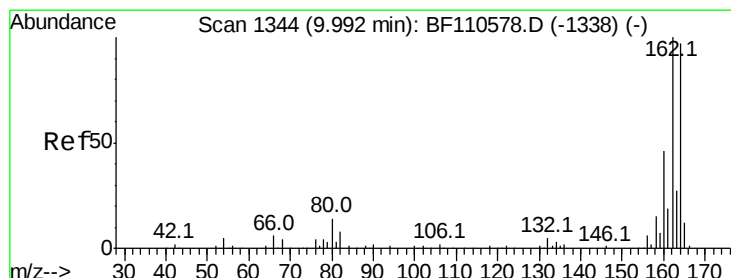
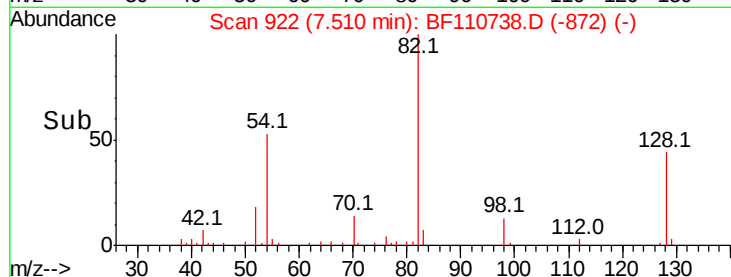
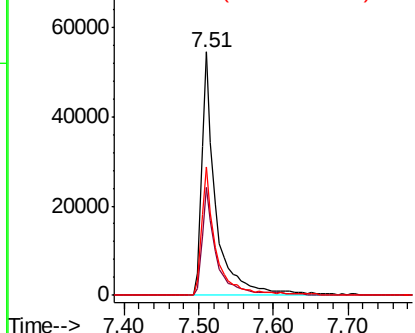
#23
Nitrobenzene-d5
Concen: 15.209 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Instrument :
BNA_F
ClientSampleId :
SR-5-S

Tot Ion: 82 Resp: 72984
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.2
54 52.8 38.6 58.0

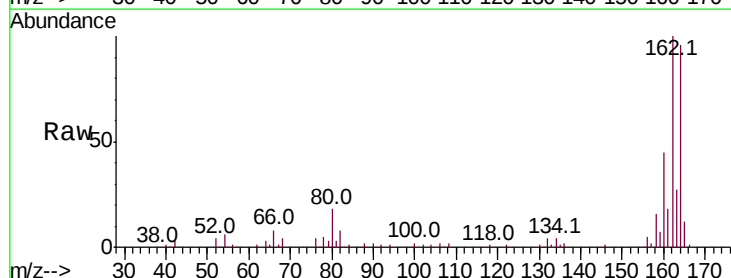


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

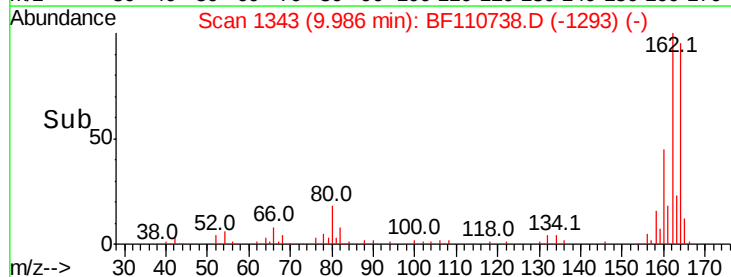
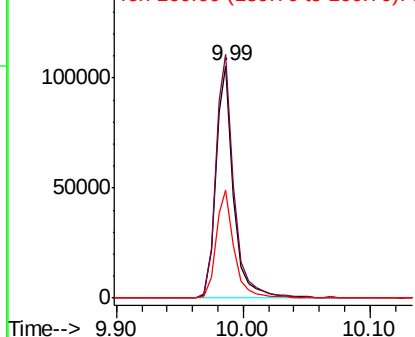


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110738.D
Acq: 14 Nov 2018 00:01

Tgt Ion:164 Resp: 104528
Ion Ratio Lower Upper
164 100
162 104.7 83.0 124.6
160 46.7 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

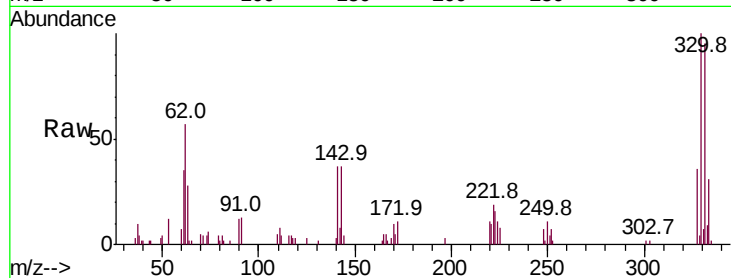




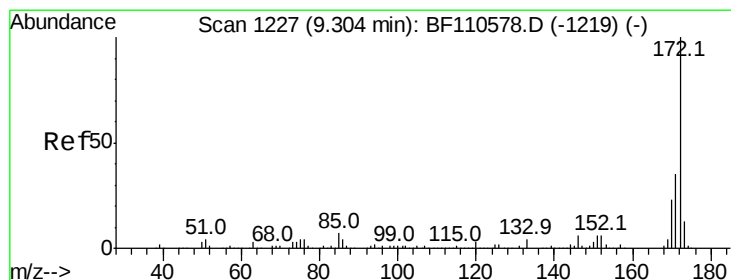
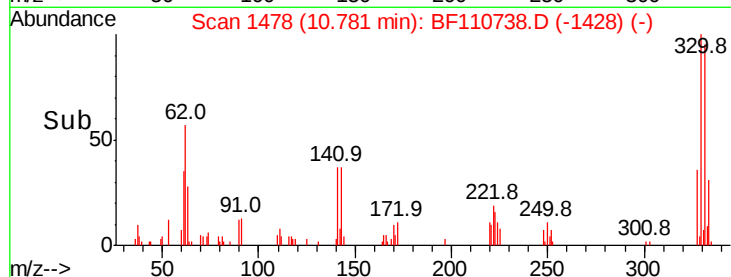
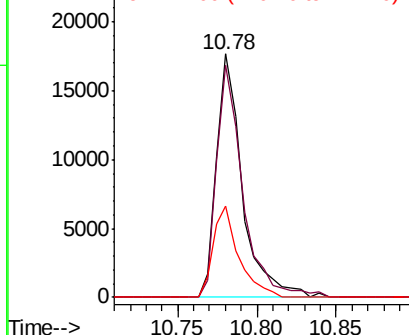
#42
 2,4,6-Tribromophenol
 Concen: 19.037 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110738.D
 Acq: 14 Nov 2018 00:01

Instrument :
 BNA_F
 ClientSampled :
 SR-5-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	36.8	27.0	40.4

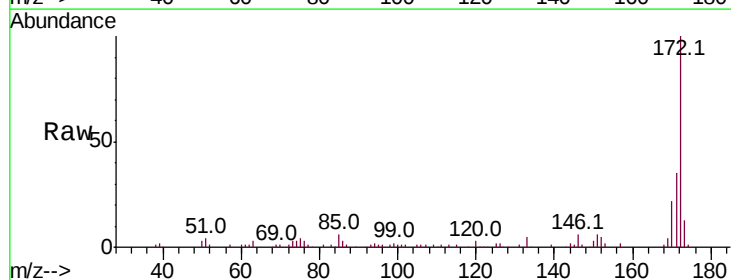


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

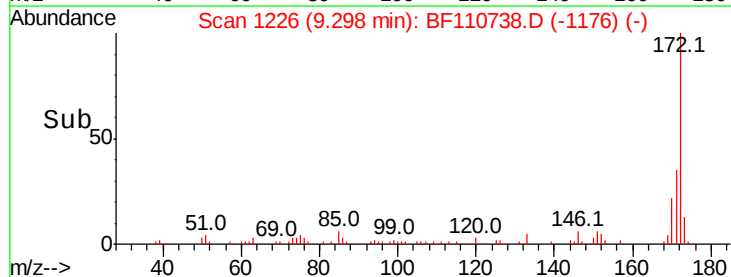
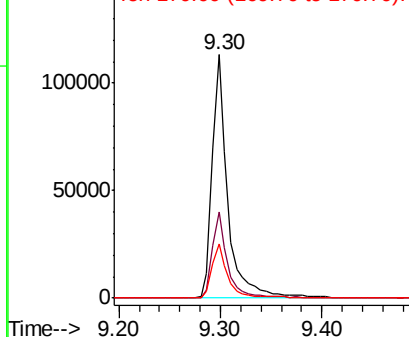


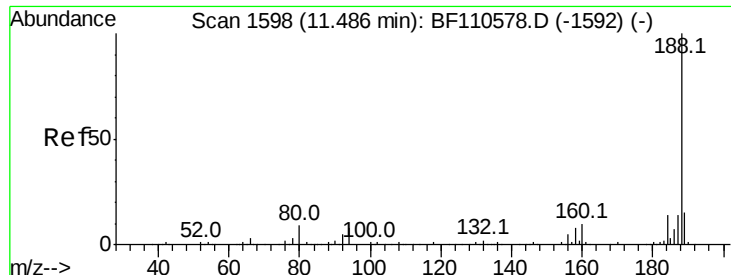
#45
 2-Fluorobiphenyl
 Concen: 16.618 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110738.D
 Acq: 14 Nov 2018 00:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	22.5	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: BF110738.D

Acq: 14 Nov 2018 00:01

Instrument :

BNA_F

ClientSampleId :

SR-5-S

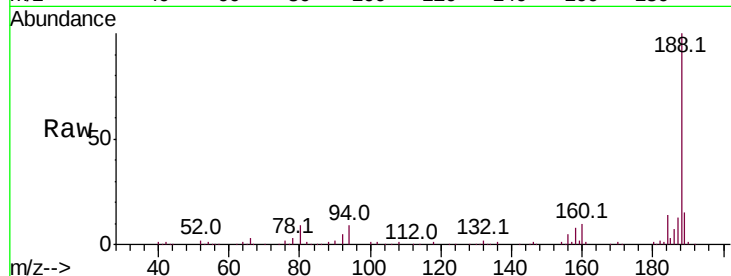
Tot Ion:188 Resp: 180387

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

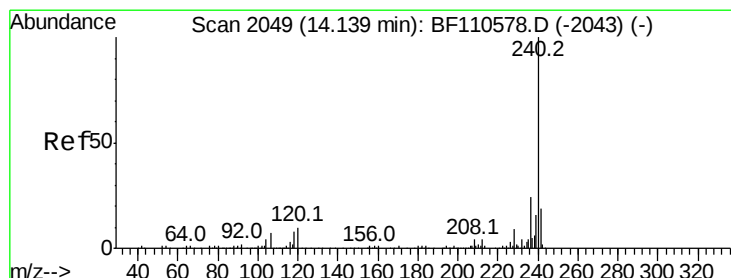
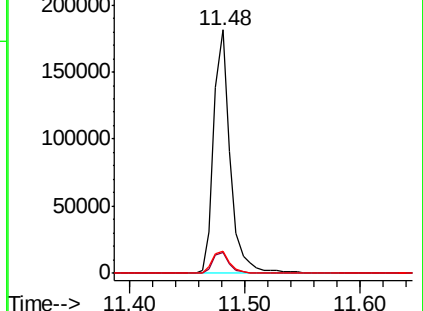
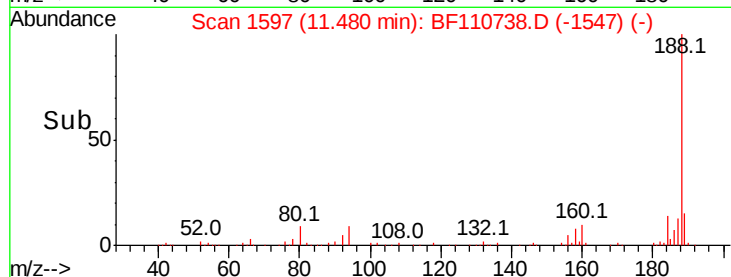
80 9.3 7.9 11.9



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# 2047

Delta R.T. -0.01 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

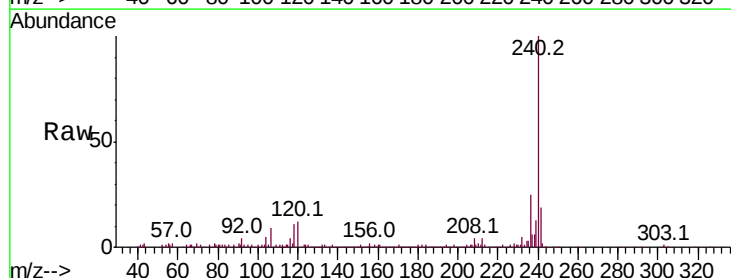
Tgt Ion:240 Resp: 151970

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

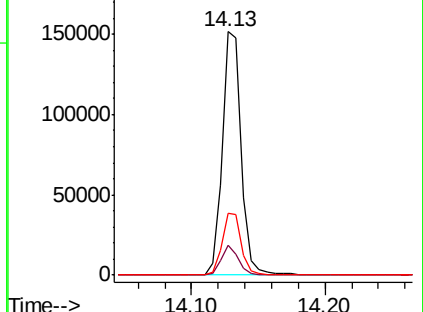
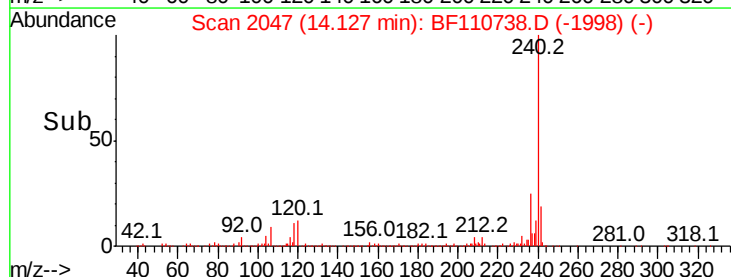
236 25.5 21.2 31.8

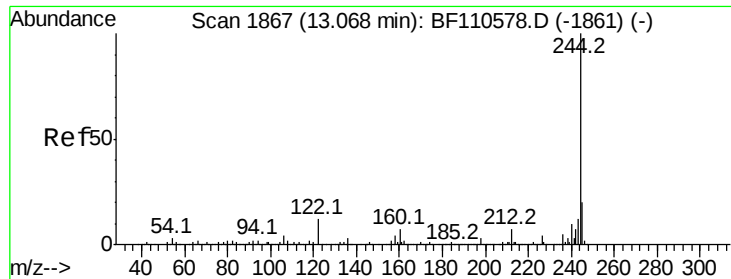


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 12.981 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

Instrument :

BNA_F

ClientSampleId :

SR-5-S

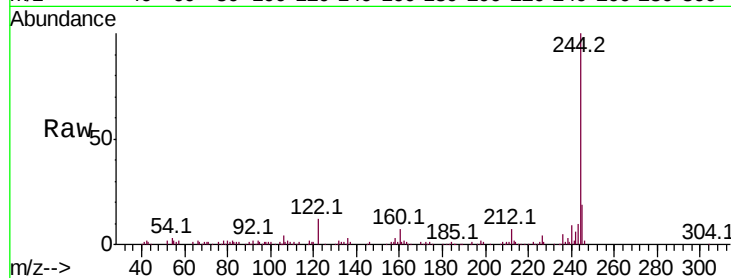
Tot Ion:244 Resp: 105336

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

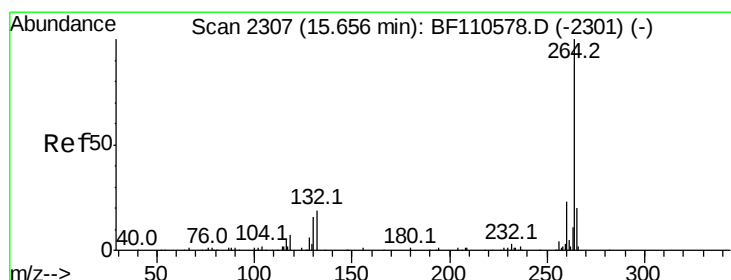
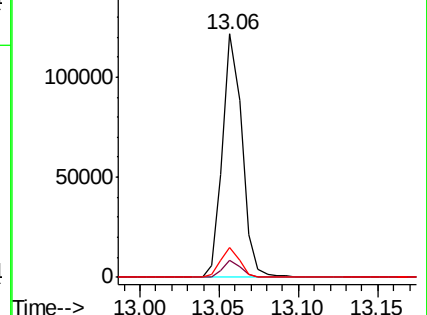
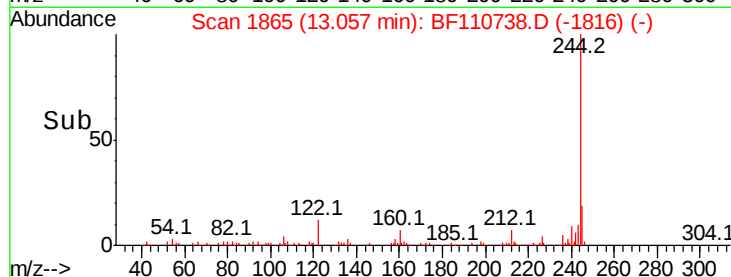
122 12.0 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110738.D

Acq: 14 Nov 2018 00:01

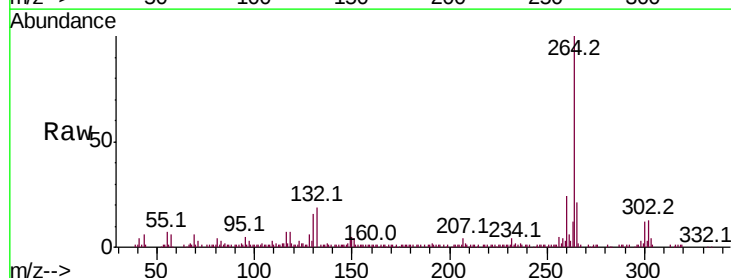
Tgt Ion:264 Resp: 99950

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.2 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

