

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103303.D
 Acq On : 28 Feb 2018 19:51
 Operator : SJ/JU
 Sample : J1709-01 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Quant Time: Mar 01 00:51:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151476	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	649225	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	258532	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	387827	20.00	ng	0.00
75) Chrysene-d12	14.06	240	253021	20.00	ng	0.00
86) Perylene-d12	15.56	264	254820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	19385	1.94	ng	0.01
7) Phenol-d6	6.53	99	24400	1.99	ng	0.02
23) Nitrobenzene-d5	7.45	82	17743	1.56	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	2449	1.12	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	24390	-1.00	ng	0.00
78) Terphenyl-d14	12.99	244	14022	1.33	ng	0.00

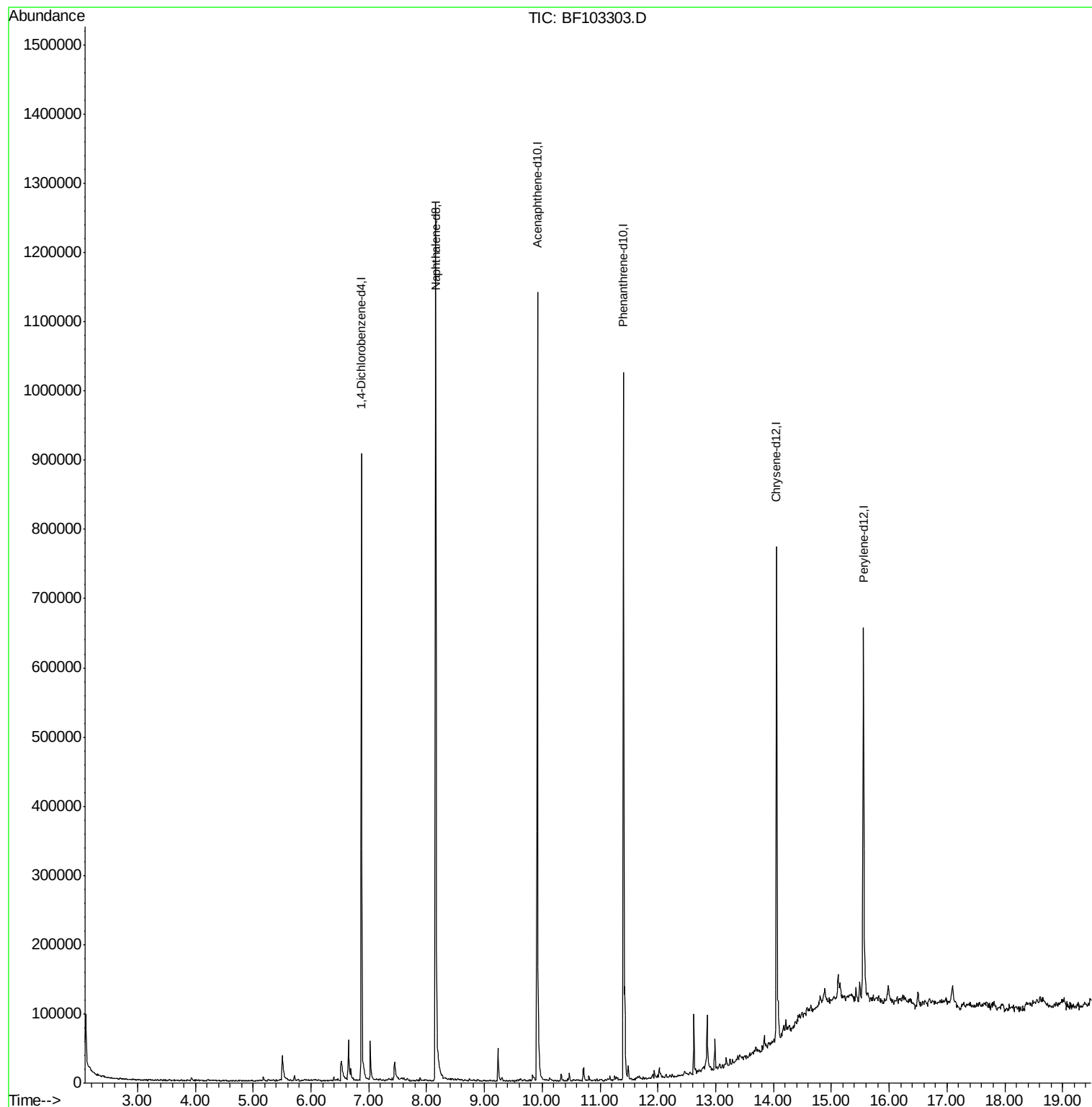
Target Compounds Qvalue

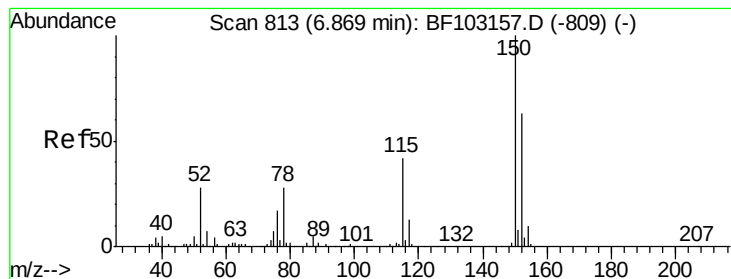
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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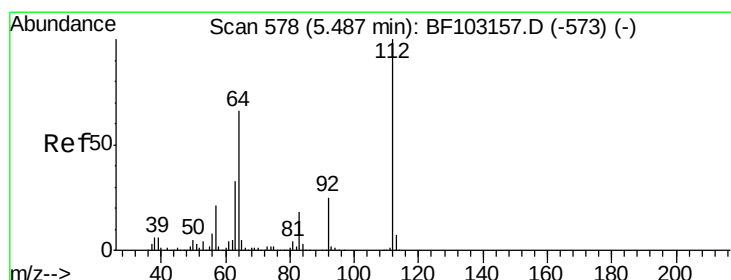
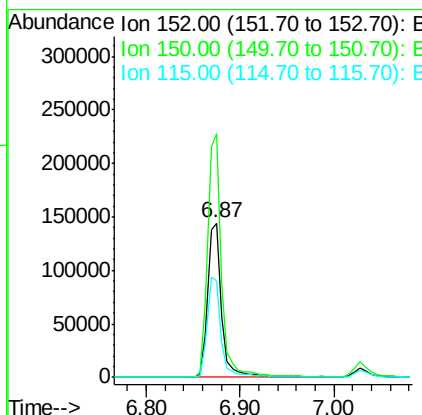
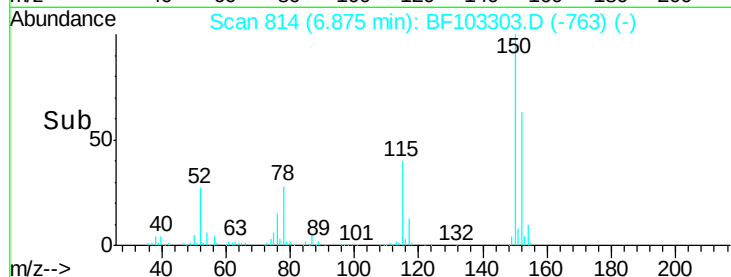
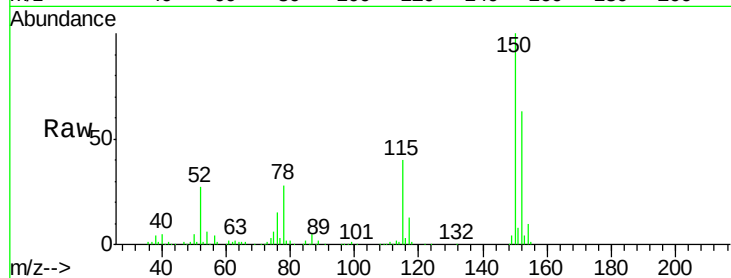


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103303.D
Acq: 28 Feb 2018 19:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

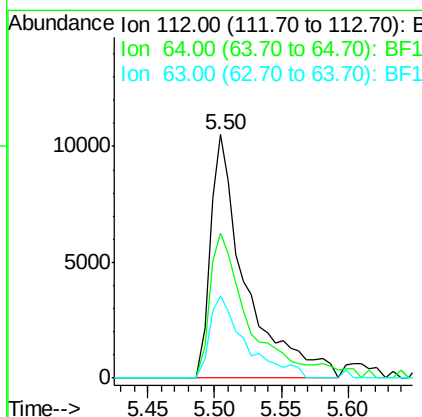
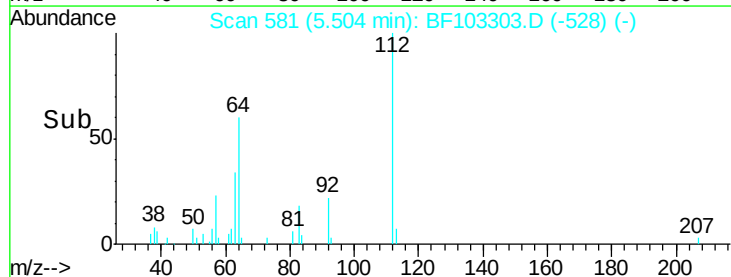
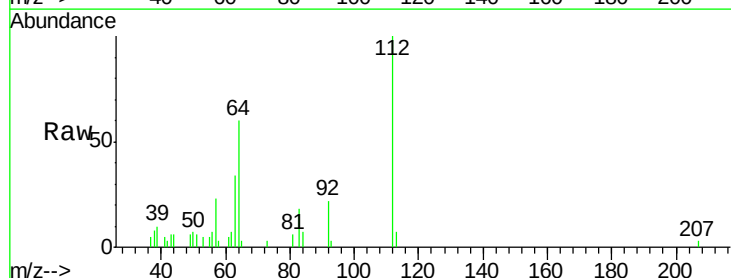
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	62.9	50.1	75.1

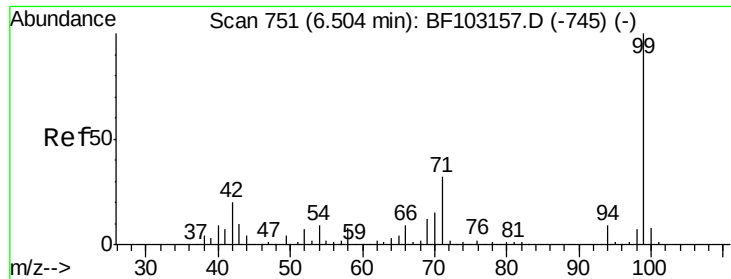


#5

2-Fluorophenol
Concen: 1.936 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103303.D
Acq: 28 Feb 2018 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	34.0	23.7	35.5





#7

Phenol-d6

Concen: 1.991 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

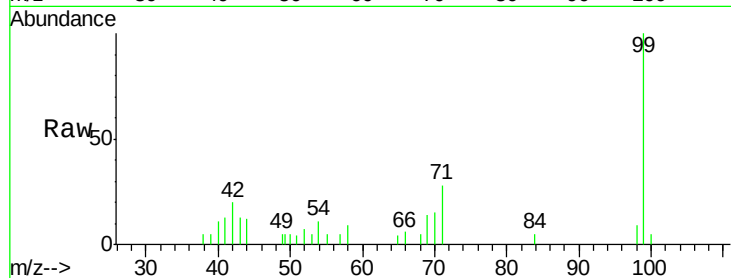
Tot Ion: 99 Resp: 24400

Ion Ratio Lower Upper

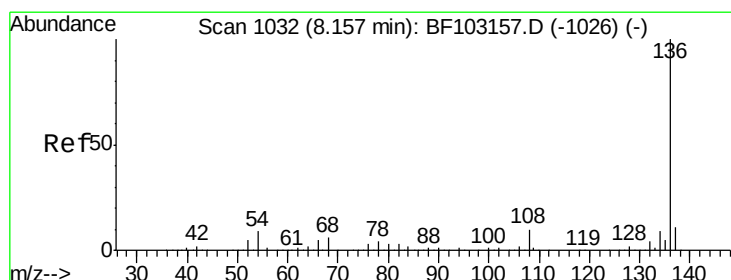
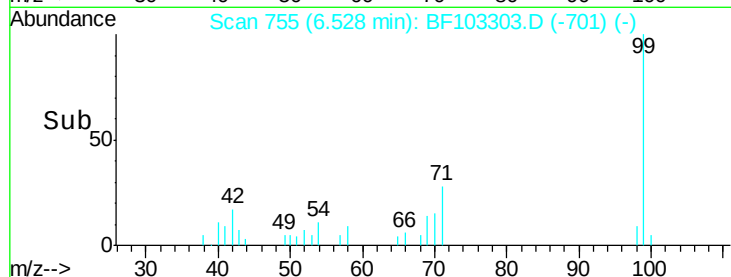
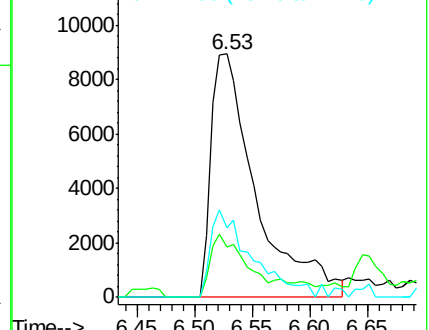
99 100

42 20.4 14.5 21.7

71 28.4 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

Tgt Ion: 136 Resp: 649225

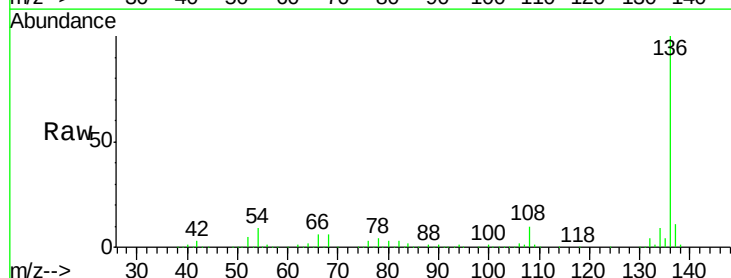
Ion Ratio Lower Upper

136 100

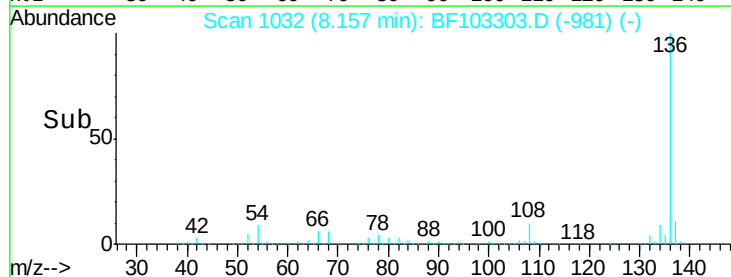
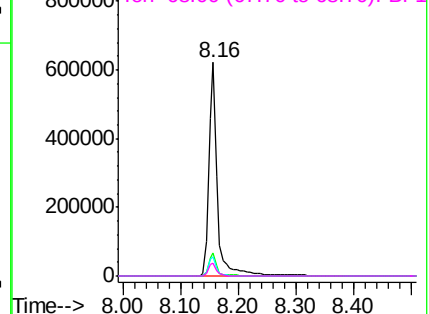
137 10.7 8.9 13.3

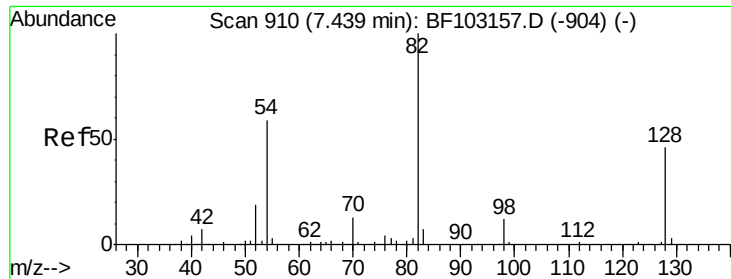
54 8.8 6.6 9.8

68 6.3 5.0 7.4



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

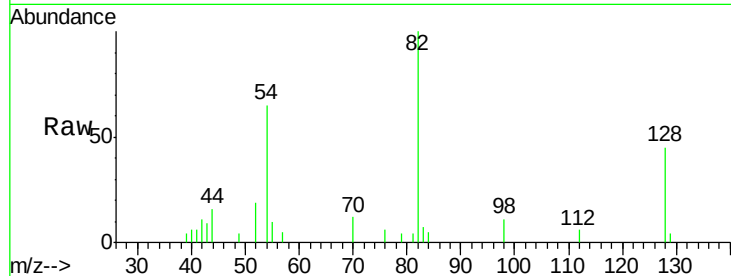




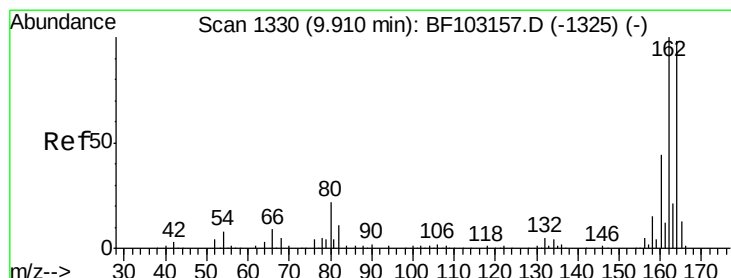
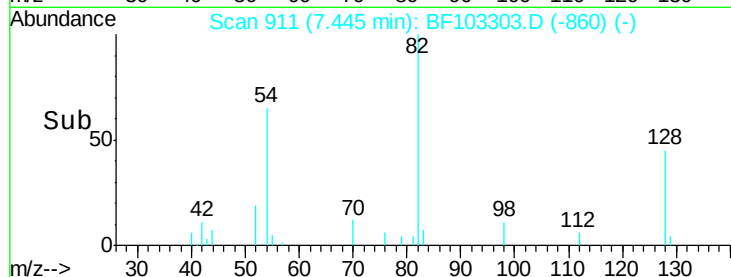
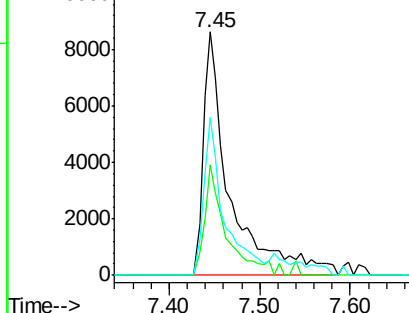
#23
 Nitrobenzene-d5
 Concen: 1.561 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103303.D
 Acq: 28 Feb 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Tot Ion: 82 Resp: 17743
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 64.9 41.4 62.2#

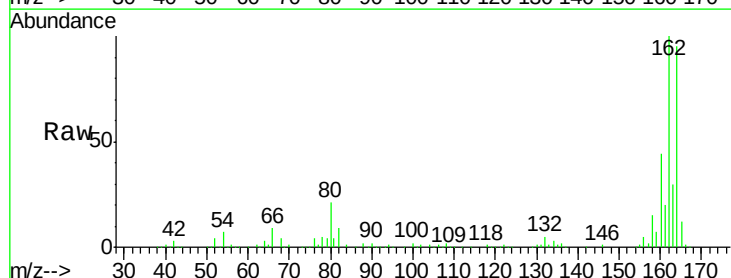


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

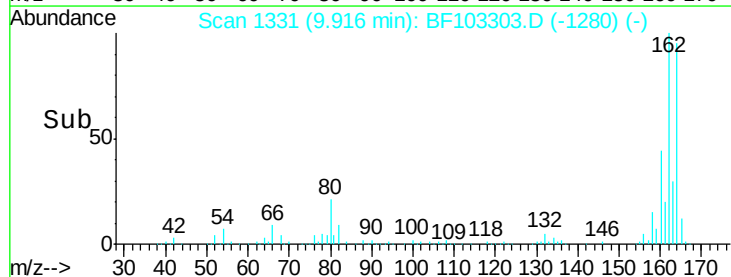
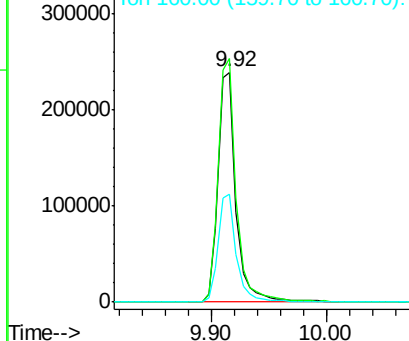


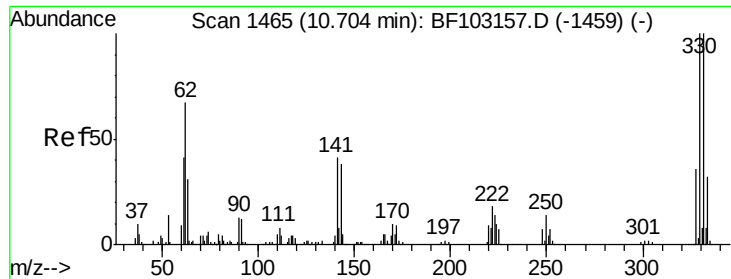
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103303.D
 Acq: 28 Feb 2018 19:51

Tgt Ion: 164 Resp: 258532
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 46.9 38.3 57.5



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

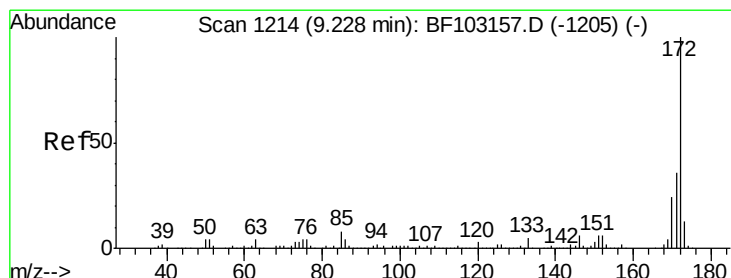
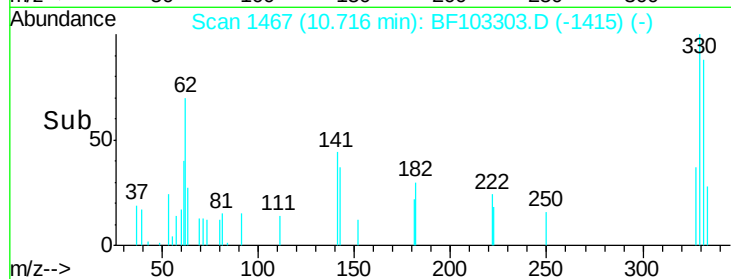
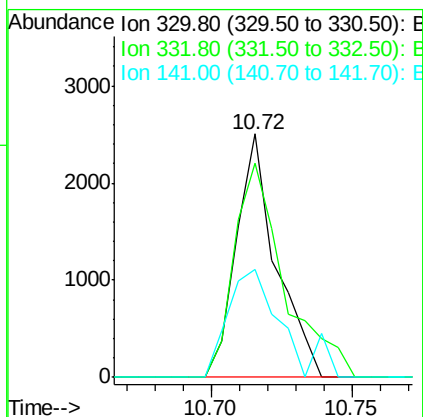
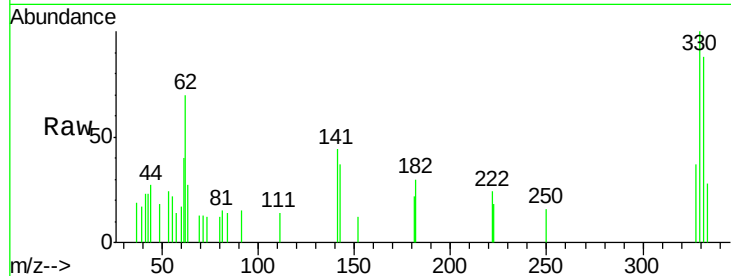




#41
 2,4,6-Tribromophenol
 Concen: 1.119 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103303.D
 Acq: 28 Feb 2018 19:51

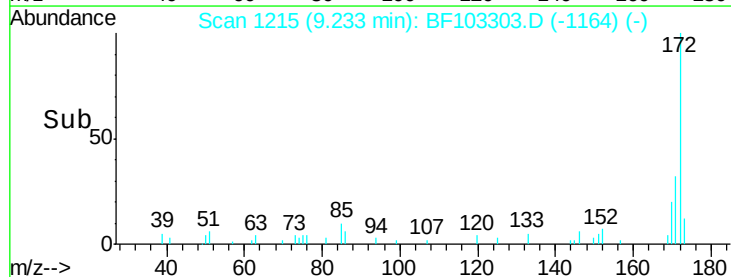
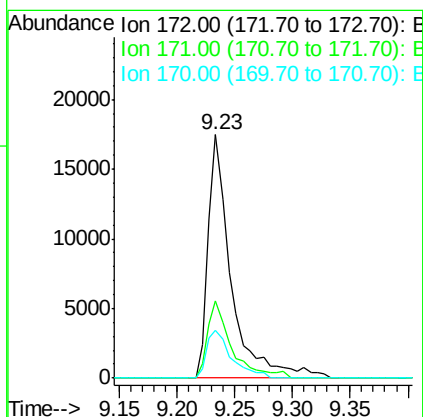
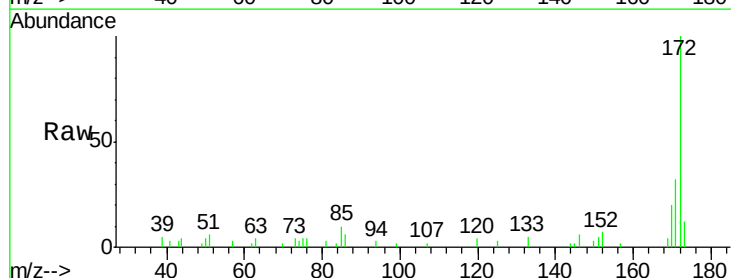
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

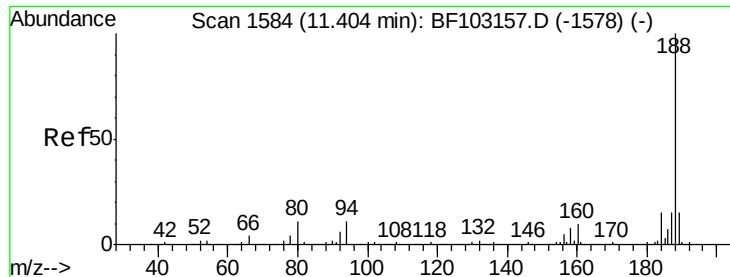
Tot Ion	Ratio	Lower	Upper
330	100		
332	110.6	77.0	115.6
141	60.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103303.D
 Acq: 28 Feb 2018 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.9	29.7	44.5
170	19.8	19.6	29.4

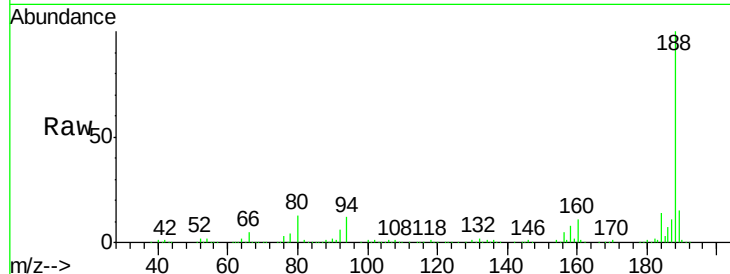




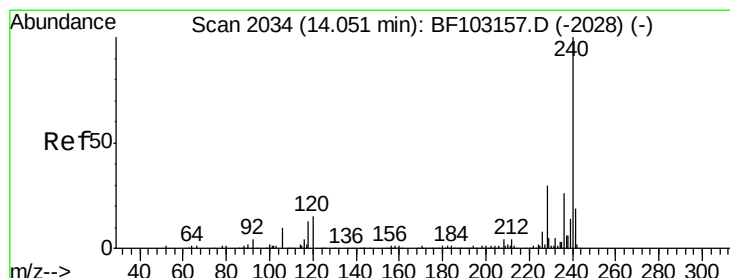
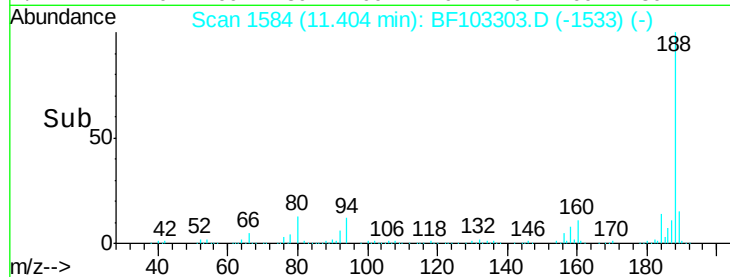
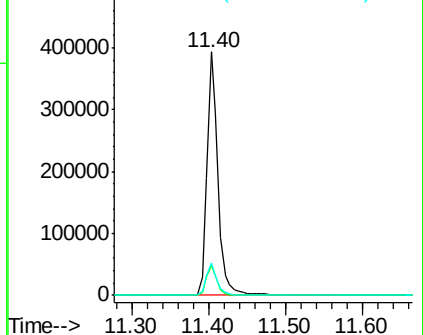
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103303.D
Acq: 28 Feb 2018 19:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tot Ion:188 Resp: 387827
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 13.1 9.2 13.8

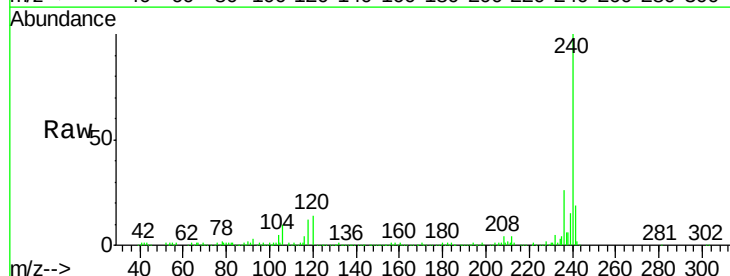


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

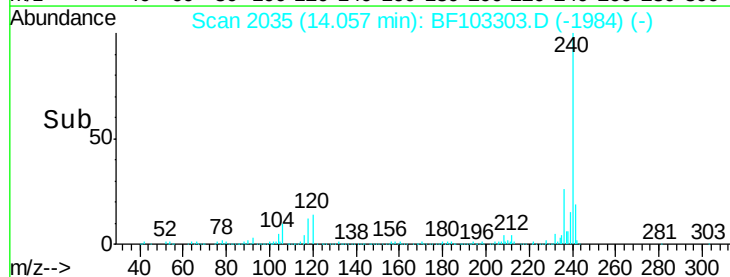
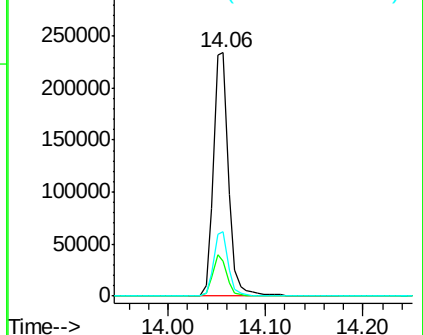


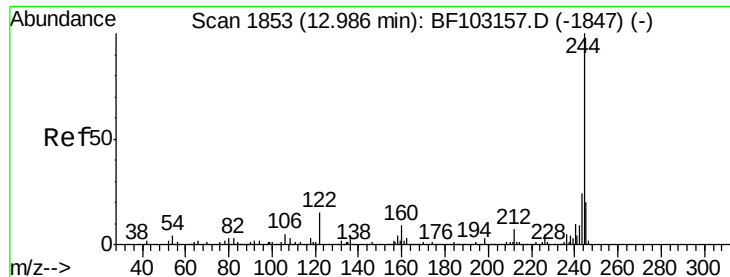
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103303.D
Acq: 28 Feb 2018 19:51

Tgt Ion:240 Resp: 253021
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 26.3 20.7 31.1



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





#78

Terphenyl-d14

Concen: 1.332 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

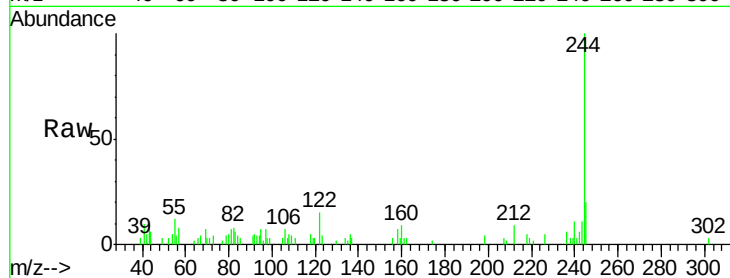
Tot Ion:244 Resp: 14022

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

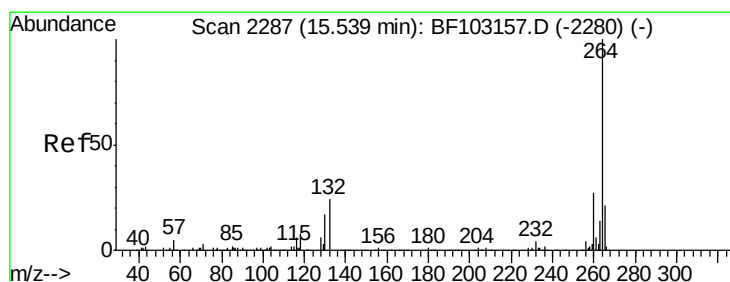
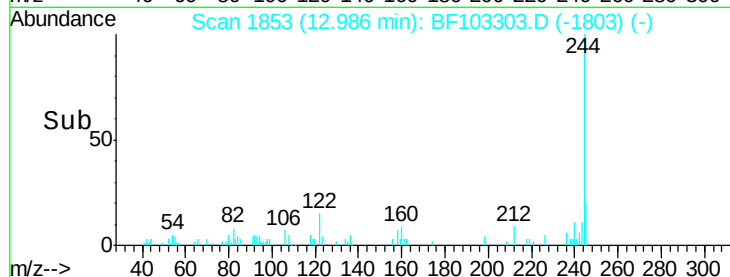
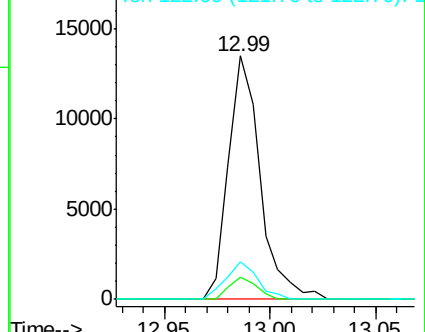
122 15.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BF103303.D

Acq: 28 Feb 2018 19:51

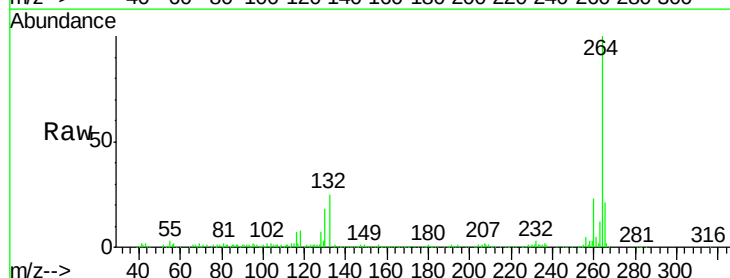
Tgt Ion:264 Resp: 254820

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.8 17.5 26.3



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

