

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101322.D
 Acq On : 12 Dec 2017 8:43
 Operator : SJ/JU
 Sample : I6766-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3W

Quant Time: Dec 12 10:08:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44876	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	164879	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	67543	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	116928	20.00	ng	0.00
75) Chrysene-d12	14.01	240	90477	20.00	ng	0.00
86) Perylene-d12	15.49	264	70376	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	86265	31.76	ng	0.01
7) Phenol-d6	6.46	99	63212	19.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	237179	85.81	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	52295	64.45	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	512238	103.76	ng	0.00
78) Terphenyl-d14	12.95	244	396411	95.83	ng	0.01

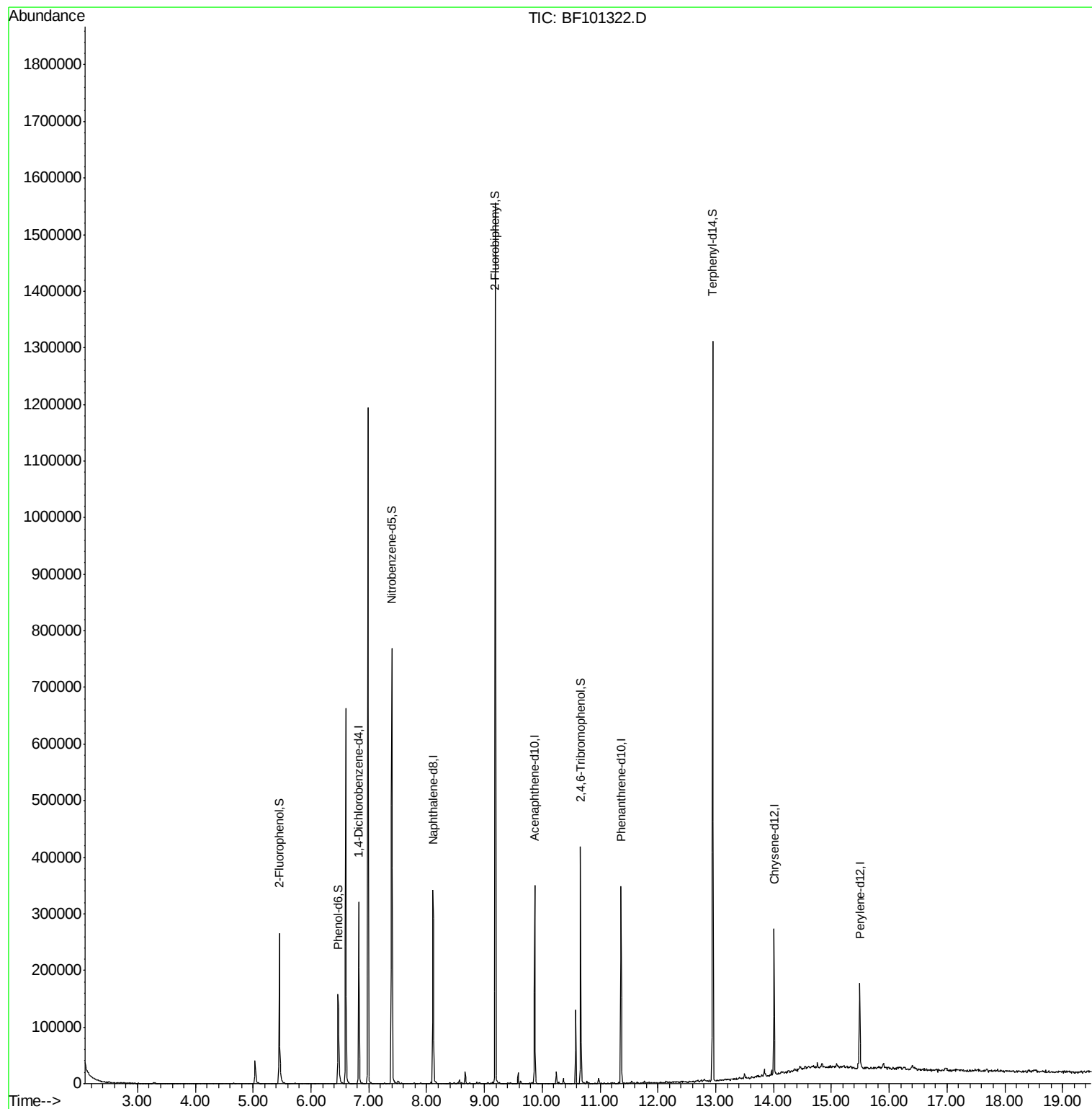
Target Compounds Qvalue

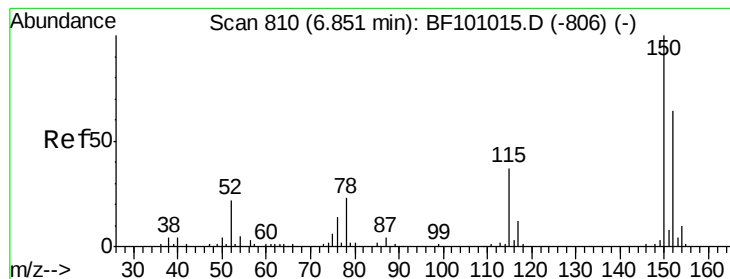
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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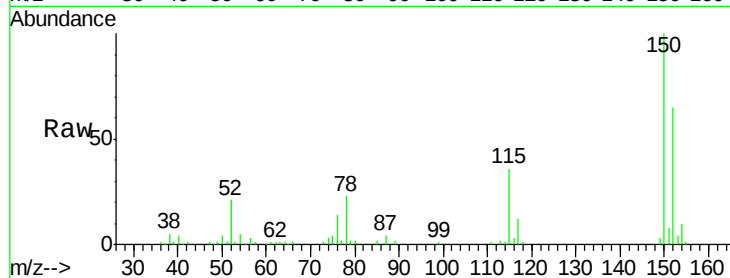


#1

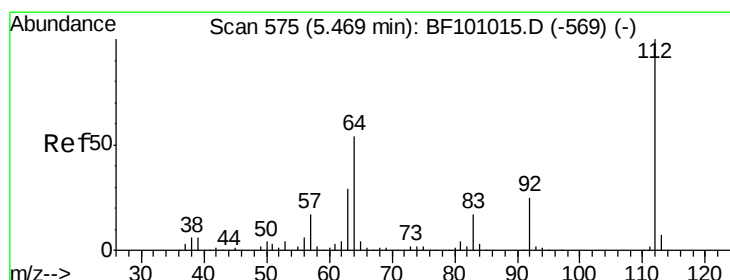
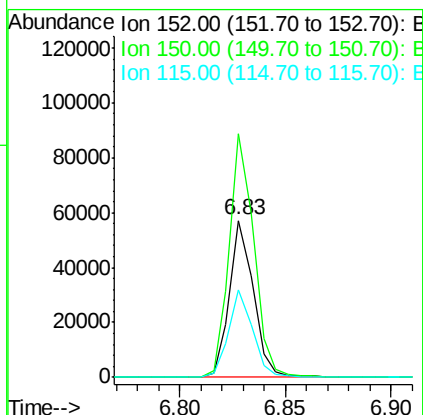
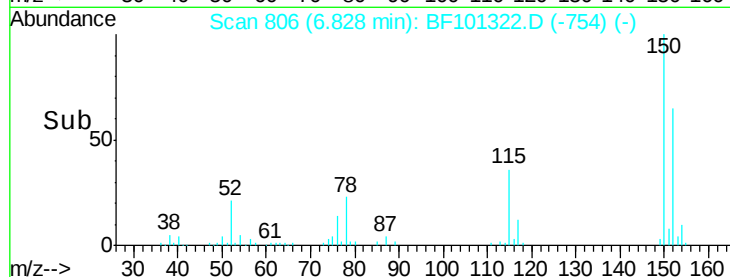
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101322.D
Acq: 12 Dec 2017 8:43

Instrument :
BNA_F
ClientSampleId :
WQ-3W

Tot Ion:152 Resp: 44876
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 56.0 50.1 75.1



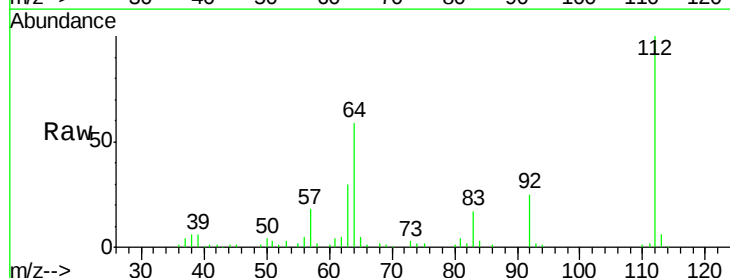
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



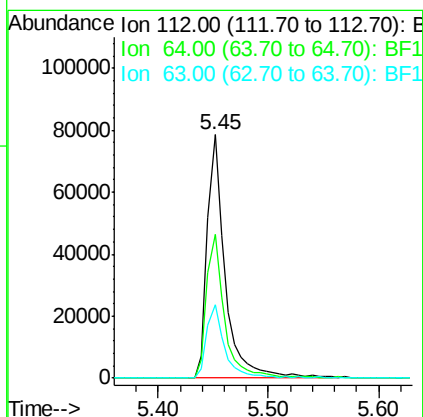
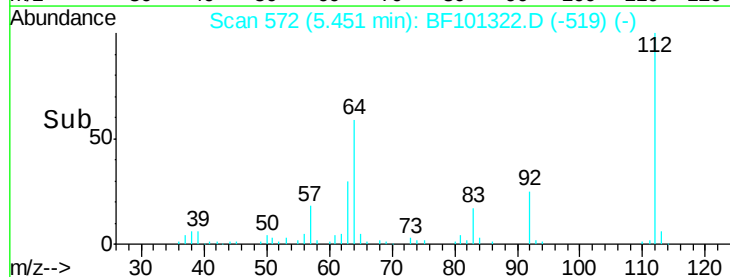
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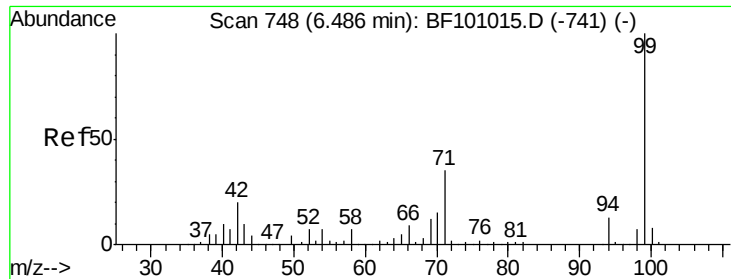
2-Fluorophenol
Concen: 31.765 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101322.D
Acq: 12 Dec 2017 8:43

Tgt Ion:112 Resp: 86265
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 30.4 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: 19.172 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

Instrument :

BNA_F

ClientSampleId :

WQ-3W

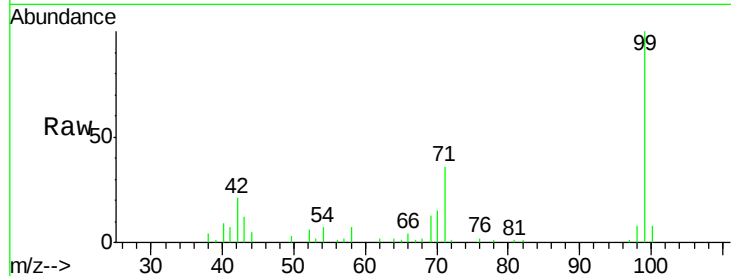
Tot Ion: 99 Resp: 63212

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

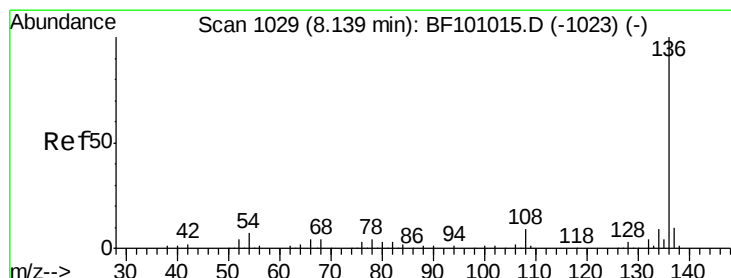
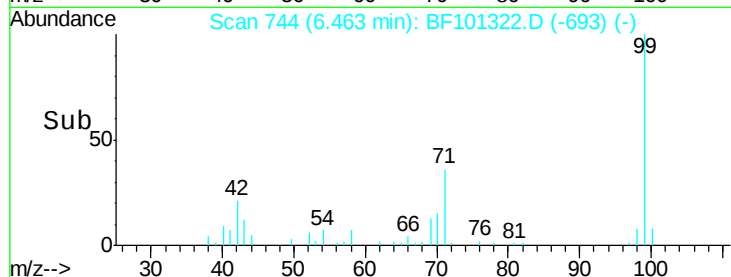
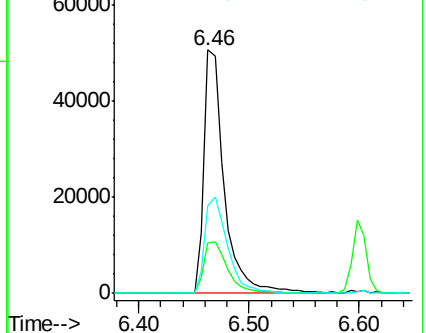
71 36.1 25.4 38.0



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: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

Tgt Ion: 136 Resp: 164879

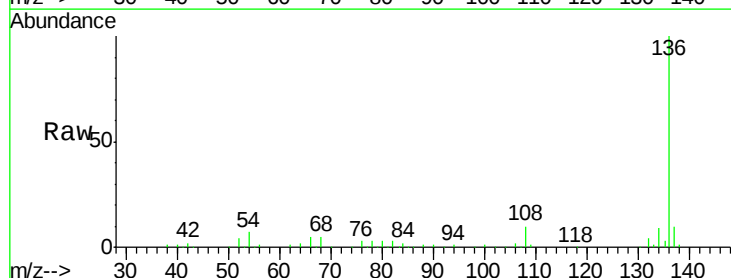
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.2 6.6 9.8

68 4.6 5.0 7.4#

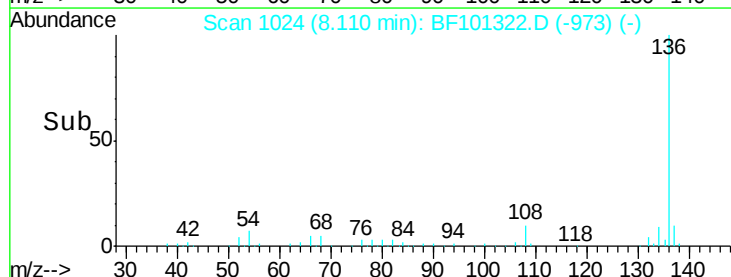
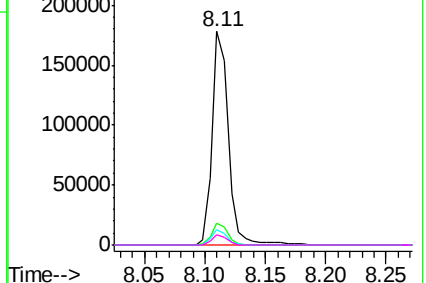


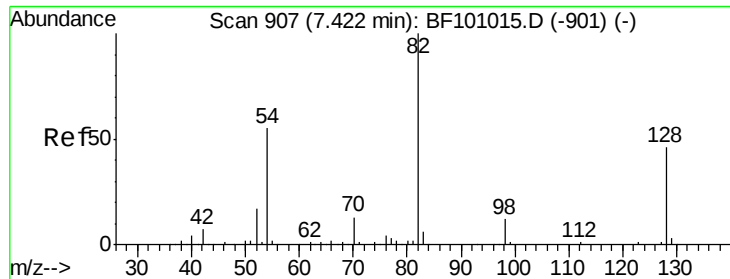
Abundance Ion 136.00 (135.70 to 136.70): E

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

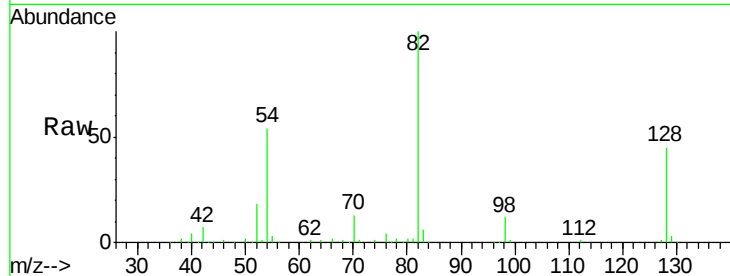




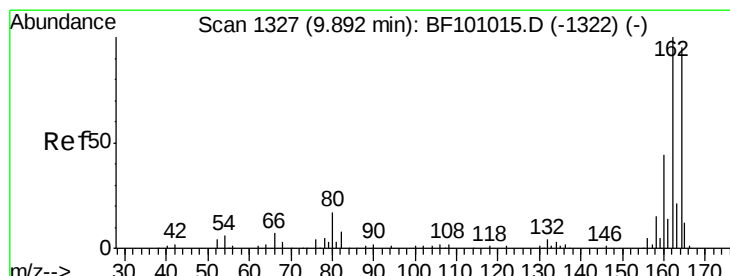
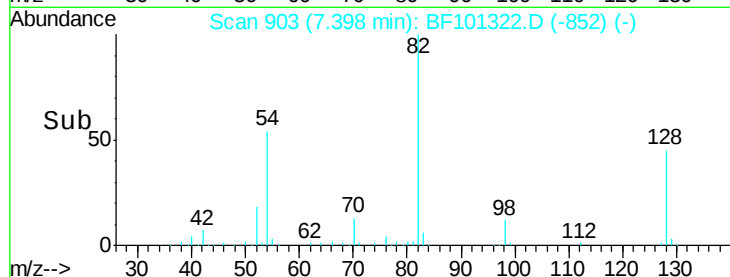
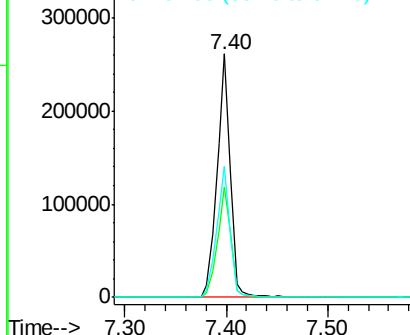
#23
 Nitrobenzene-d5
 Concen: 85.811 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3W

Tot Ion: 82 Resp: 237179
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 53.6 41.4 62.2

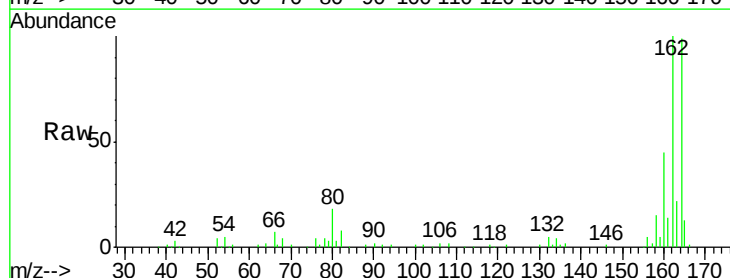


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

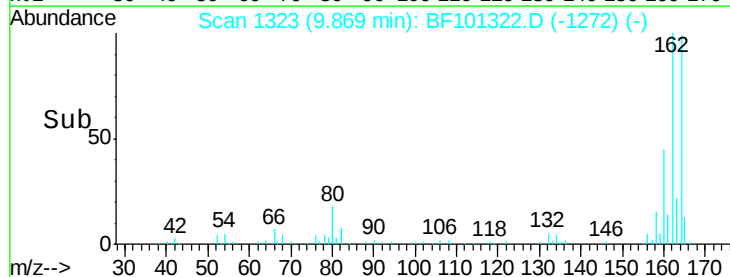
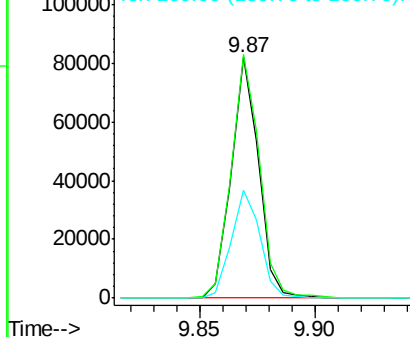


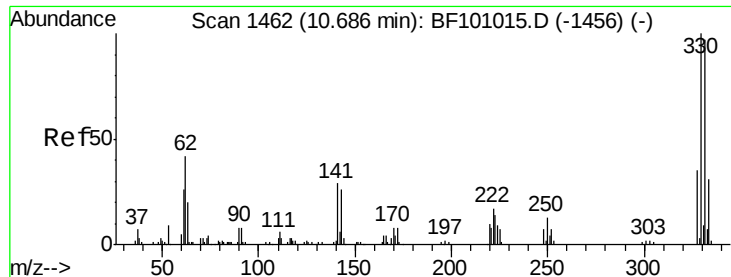
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Tgt Ion: 164 Resp: 67543
 Ion Ratio Lower Upper
 164 100
 162 101.1 86.1 129.1
 160 45.1 38.3 57.5



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

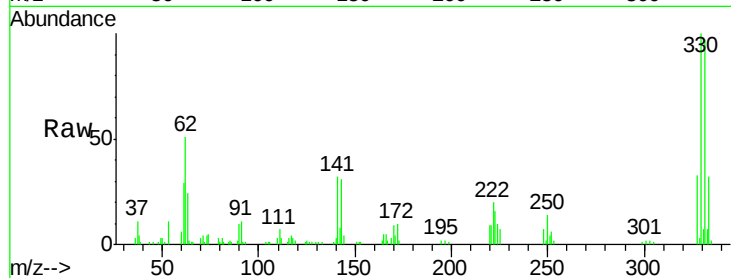




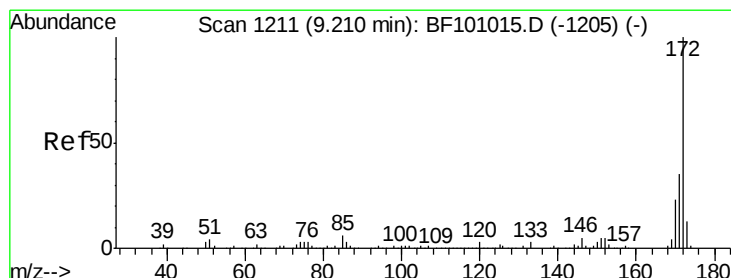
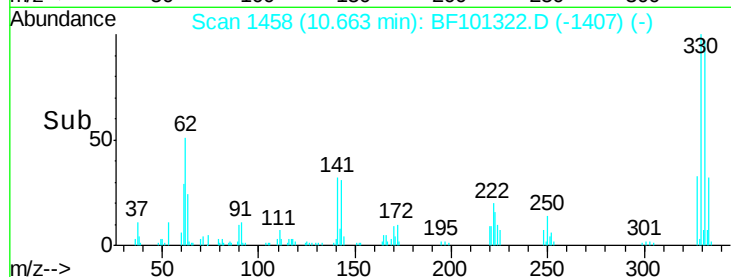
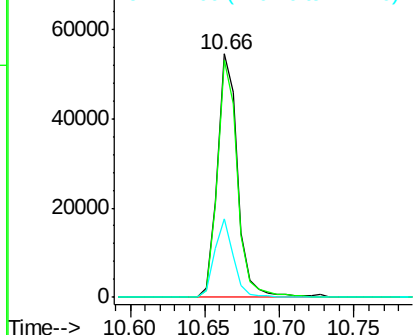
#41
 2,4,6-Tribromophenol
 Concen: 64.452 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3W

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	29.6	29.9	44.9#

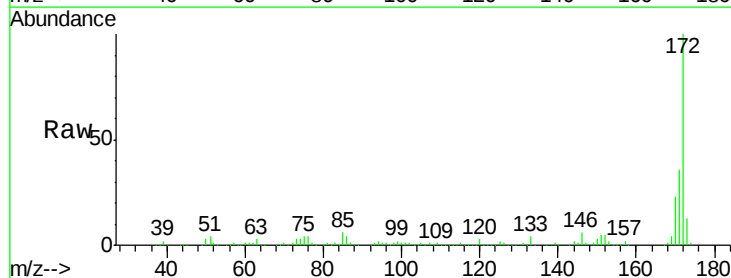


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

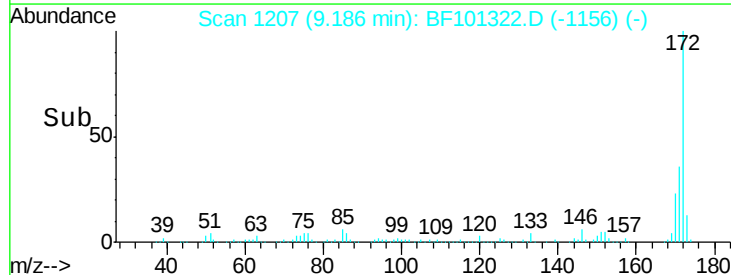
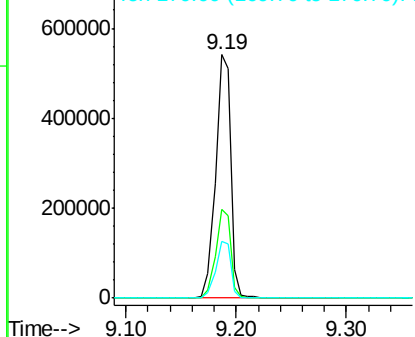


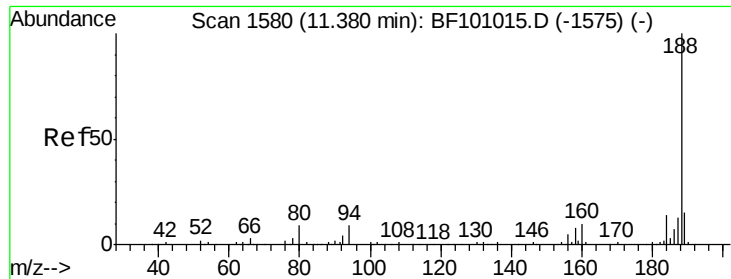
#44
 2-Fluorobiphenyl
 Concen: 103.763 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

Instrument :

BNA_F

ClientSampleId :

WQ-3W

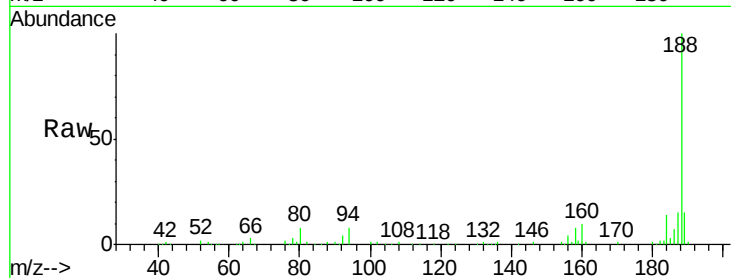
Tot Ion:188 Resp: 116928

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

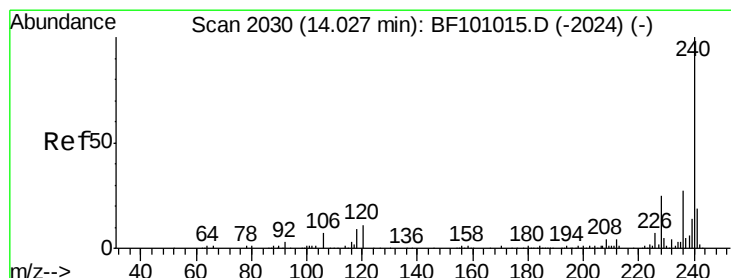
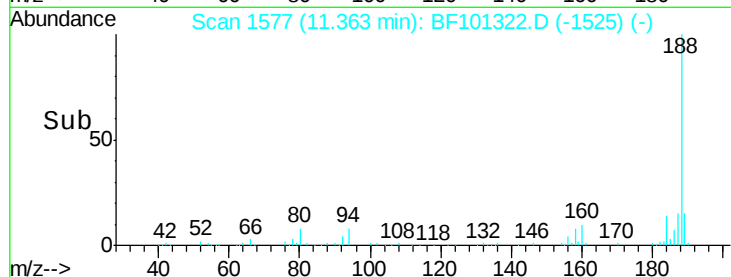
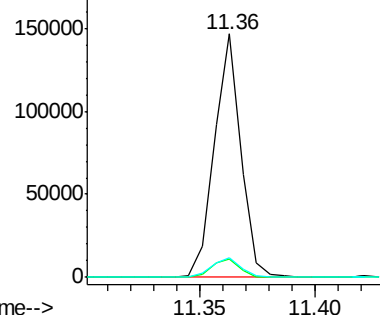
80 8.1 9.2 13.8#



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: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

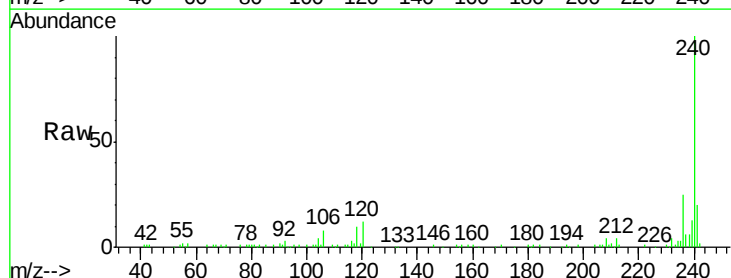
Tgt Ion:240 Resp: 90477

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

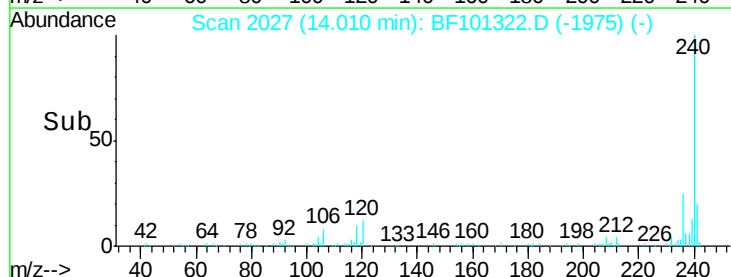
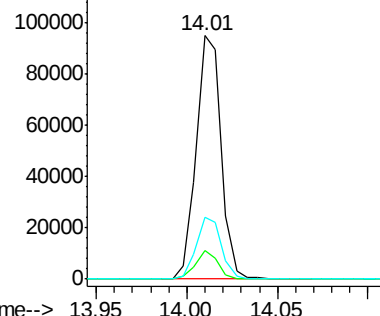
236 25.5 20.7 31.1

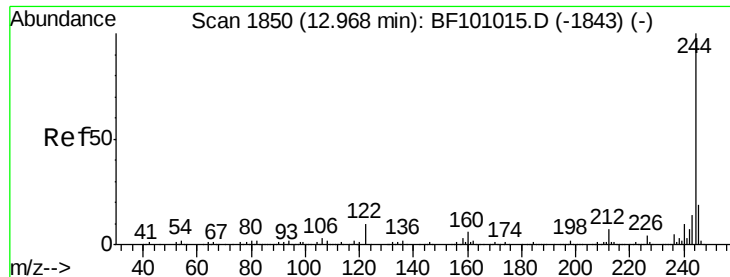


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

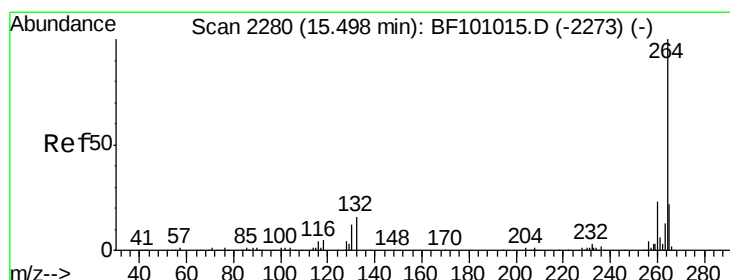
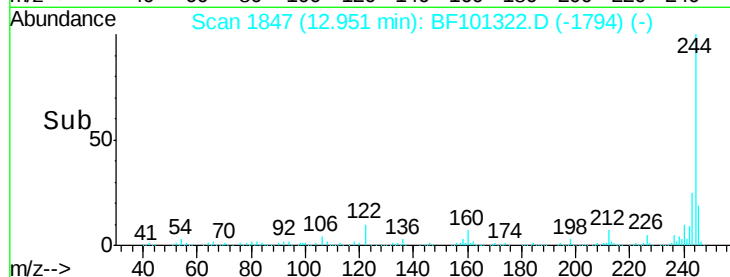
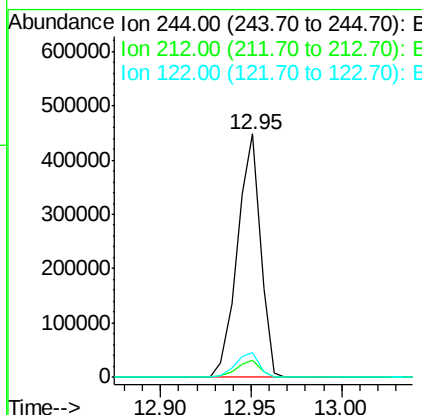
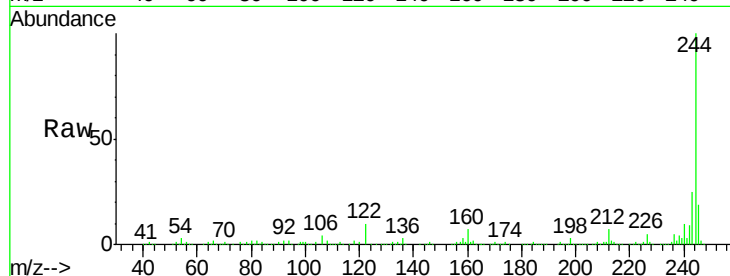




#78
 Terphenyl-d14
 Concen: 95.832 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Instrument :
 BNA_F
 ClientSampleId :
 WQ-3W

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3

