

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101971.D
 Acq On : 9 Jan 2018 23:45
 Operator : SJ/JU
 Sample : J1049-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-E

Quant Time: Jan 10 03:50:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	230275	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	853154	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	294854	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	430568	20.00	ng	0.00
75) Chrysene-d12	13.89	240	397918	20.00	ng	0.00
86) Perylene-d12	15.31	264	284159	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	807020	49.49	ng	0.01
7) Phenol-d6	6.36	99	577687	29.69	ng	0.00
23) Nitrobenzene-d5	7.30	82	1383686	95.31	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	293456	114.05	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1934565	102.50	ng	0.00
78) Terphenyl-d14	12.84	244	1245506	64.99	ng	0.00

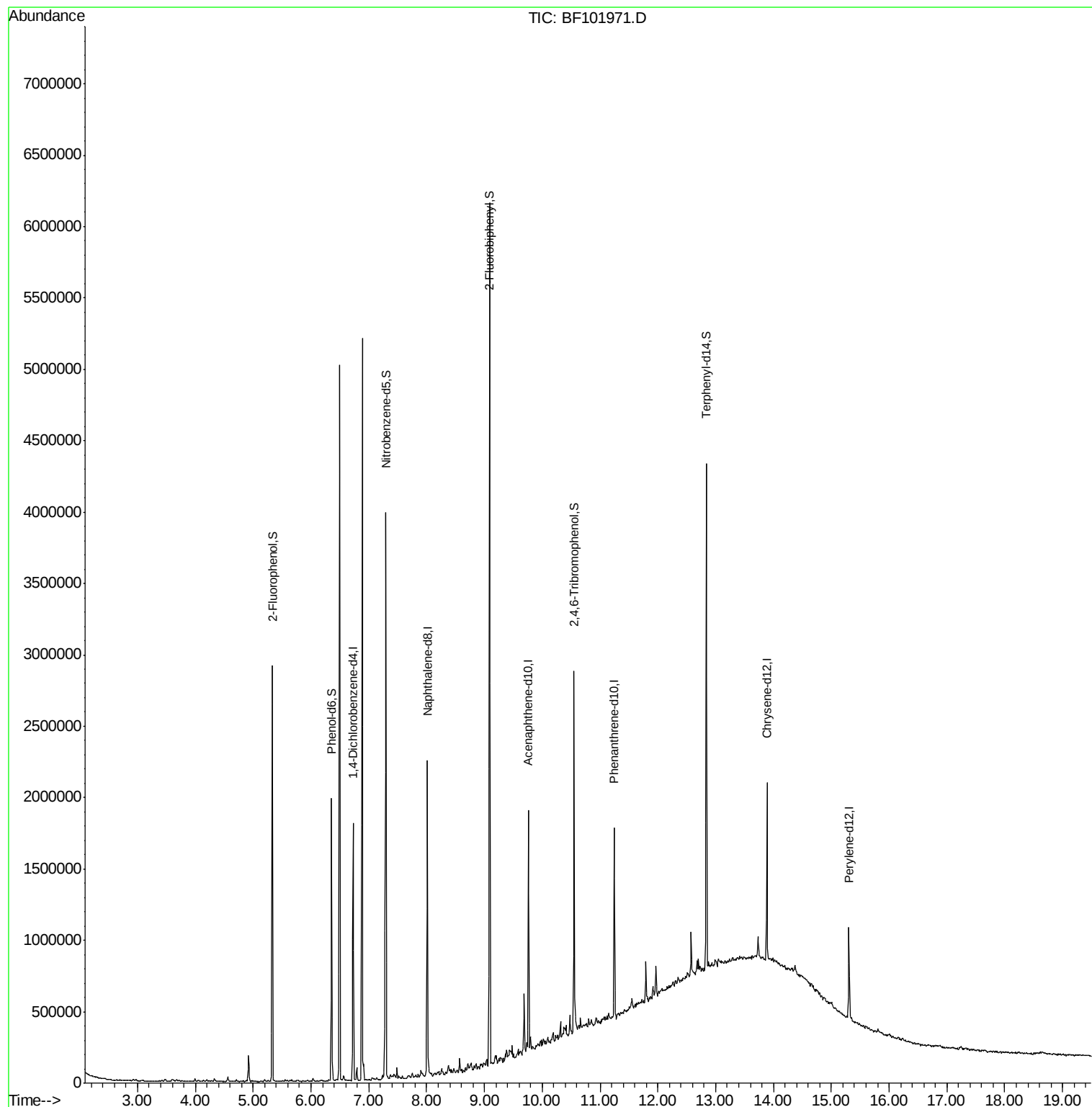
Target Compounds Qvalue

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

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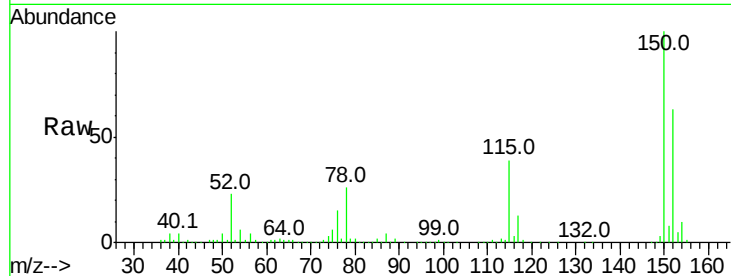


#1

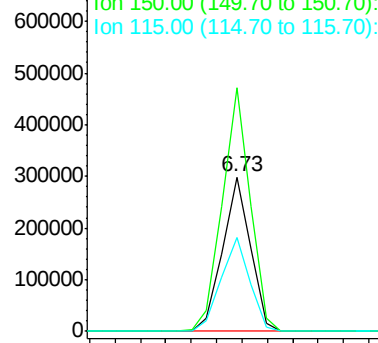
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101971.D
Acq: 9 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
MW-E

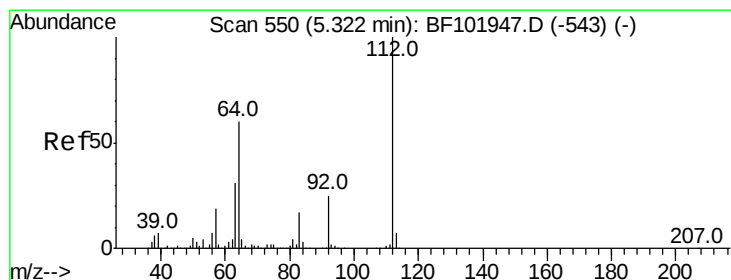
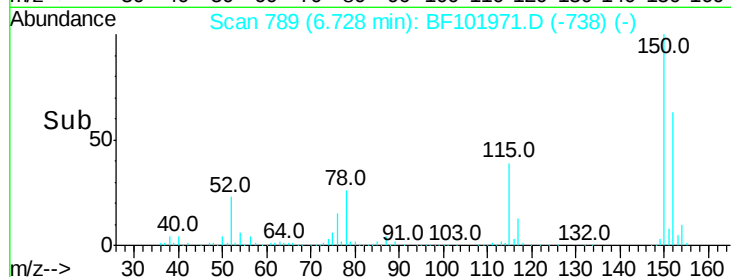
Tot Ion:152 Resp: 230275
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.1 50.1 75.1



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



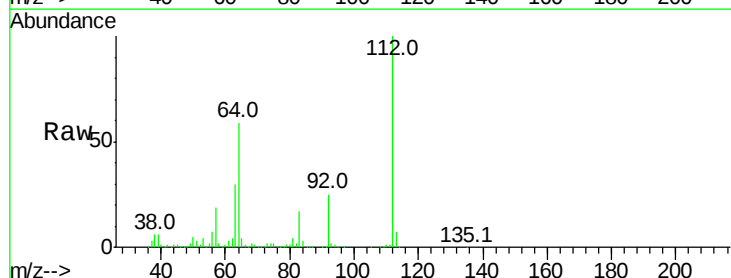
Time-->



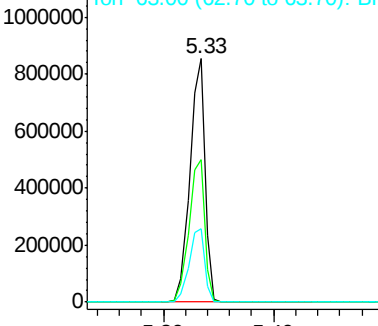
#5

2-Fluorophenol
Concen: 49.488 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF101971.D
Acq: 9 Jan 2018 23:45

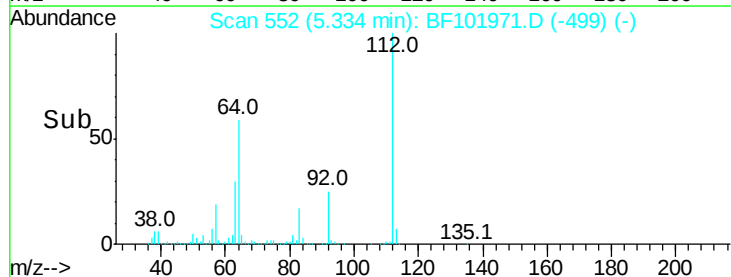
Tgt Ion:112 Resp: 807020
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.0 23.7 35.5

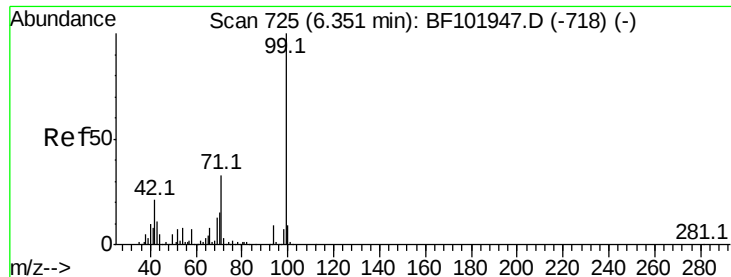


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 29.691 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101971.D

Acq: 9 Jan 2018 23:45

Instrument :

BNA_F

ClientSampleId :

MW-E

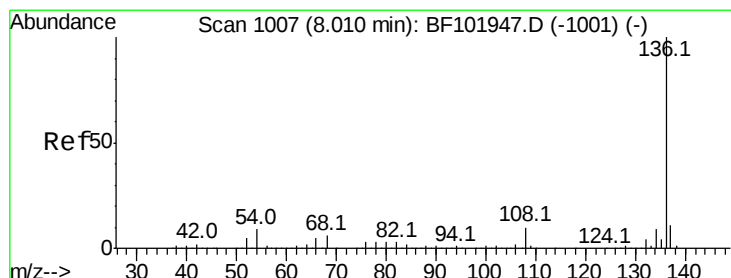
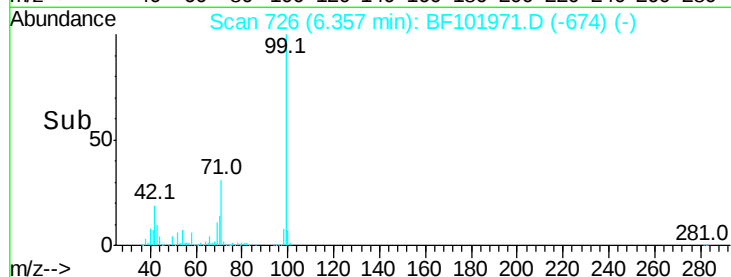
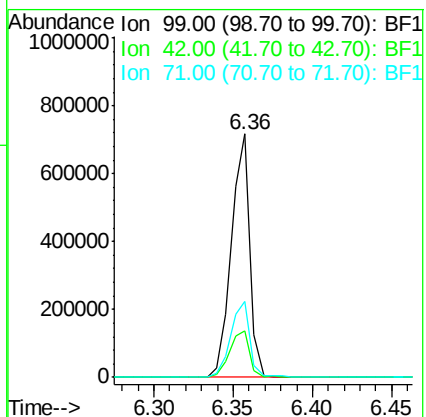
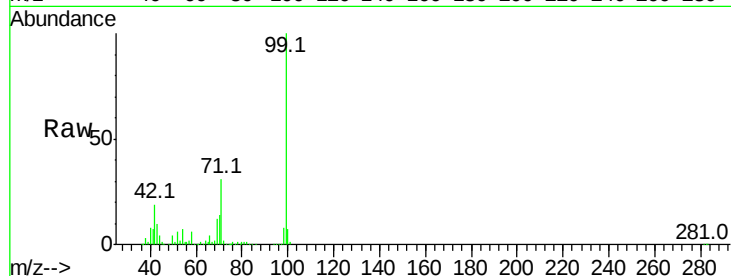
Tot Ion: 99 Resp: 577687

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 31.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101971.D

Acq: 9 Jan 2018 23:45

Tgt Ion: 136 Resp: 853154

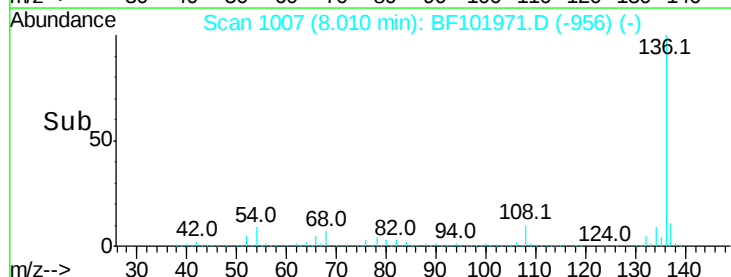
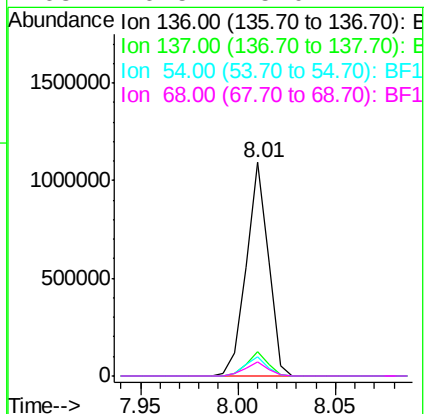
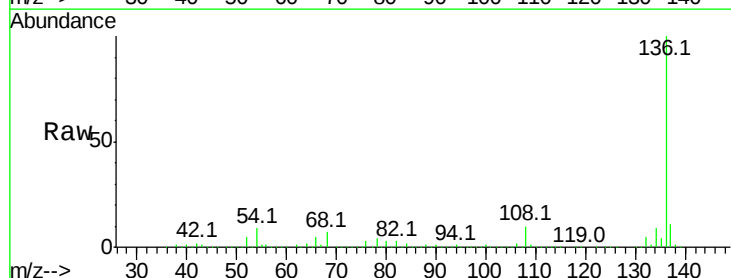
Ion Ratio Lower Upper

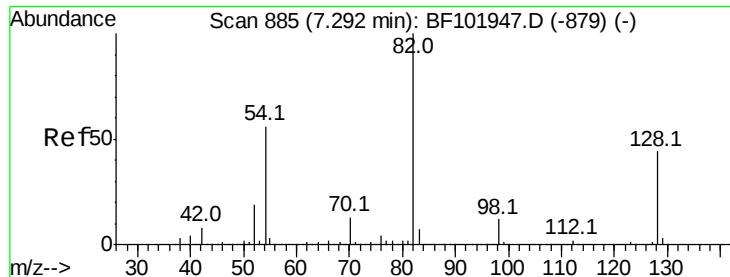
136 100

137 11.2 8.9 13.3

54 9.1 6.6 9.8

68 6.5 5.0 7.4

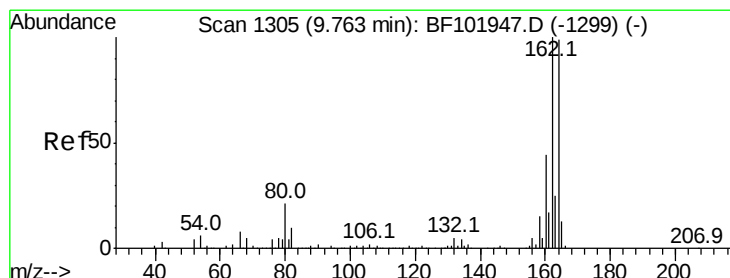
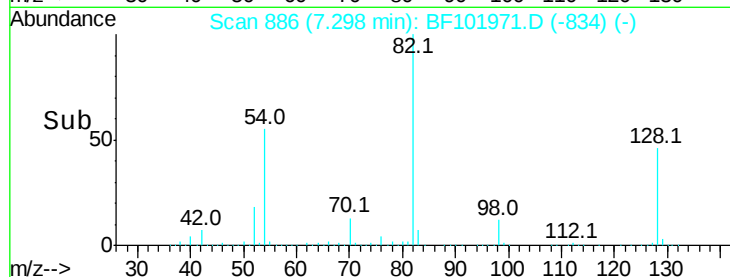
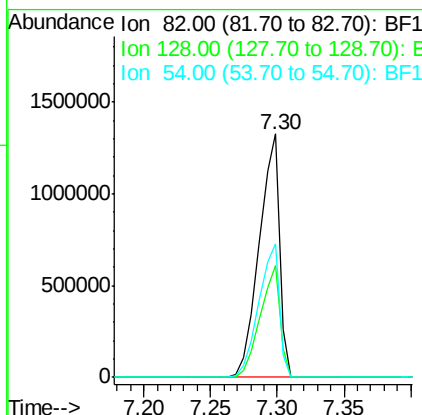
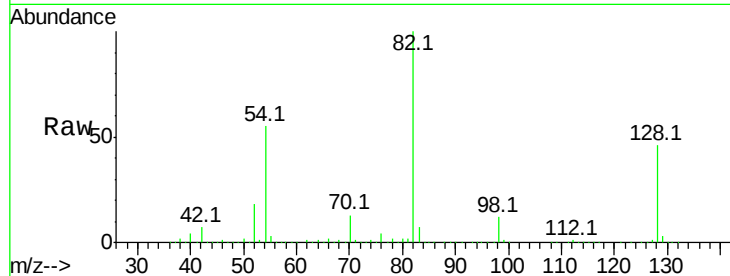




#23
Nitrobenzene-d5
Concen: 95.306 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF101971.D
Acq: 9 Jan 2018 23:45

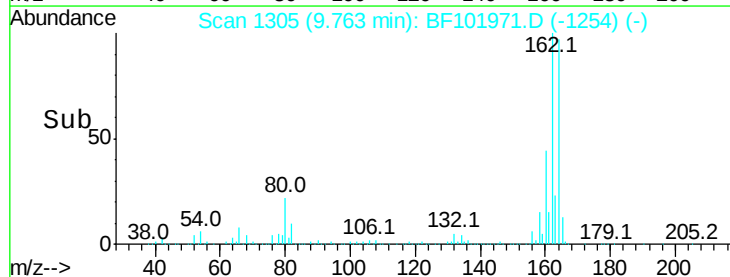
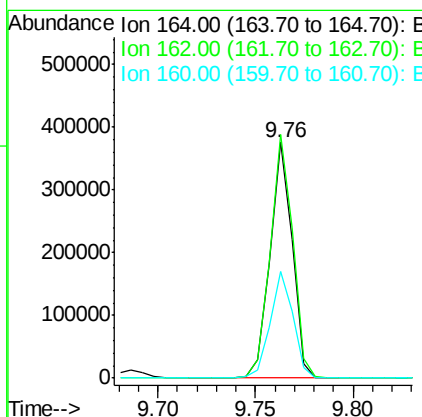
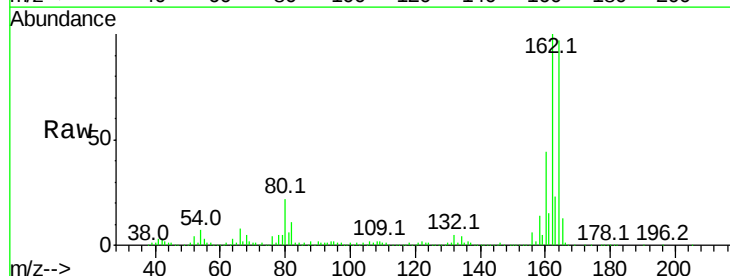
Instrument :
BNA_F
ClientSampleId :
MW-E

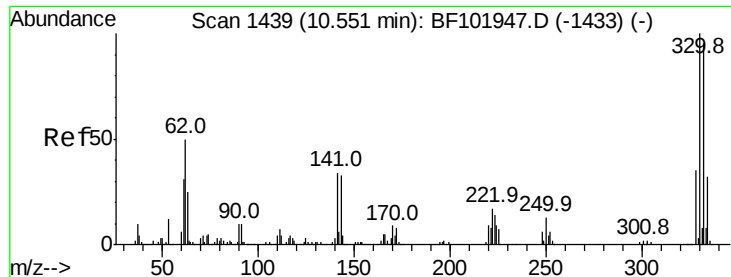
Tot Ion: 82 Resp: 1383686
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 54.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF101971.D
Acq: 9 Jan 2018 23:45

Tgt Ion:164 Resp: 294854
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 45.2 38.3 57.5

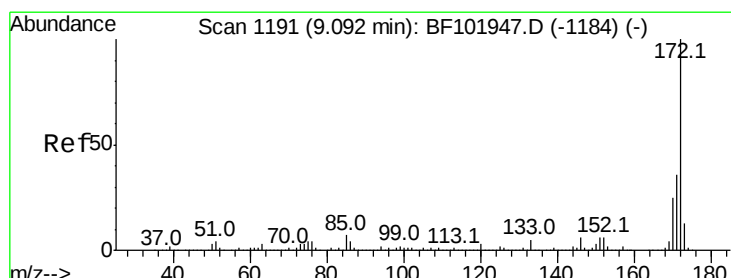
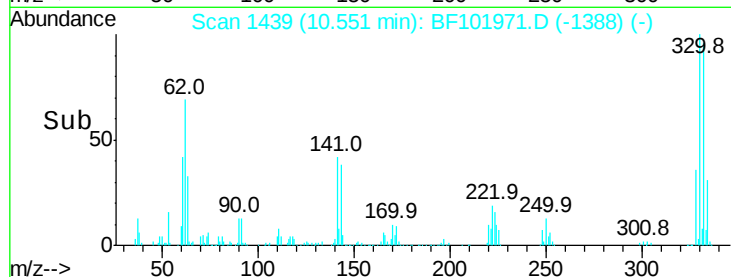
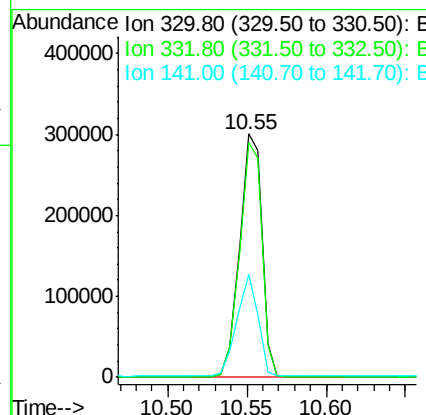
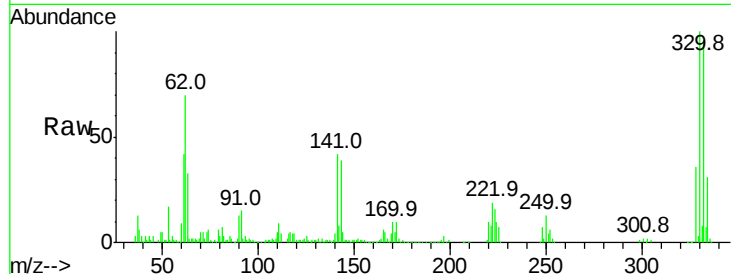




#41
 2,4,6-Tribromophenol
 Concen: 114.045 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101971.D
 Acq: 9 Jan 2018 23:45

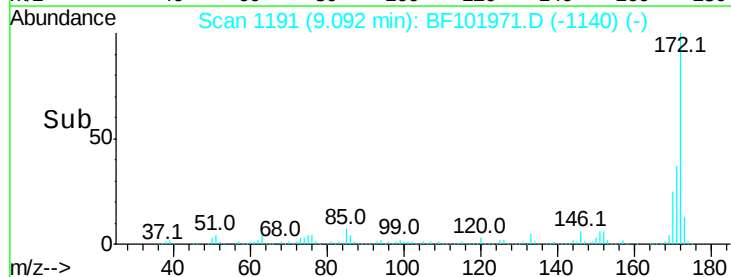
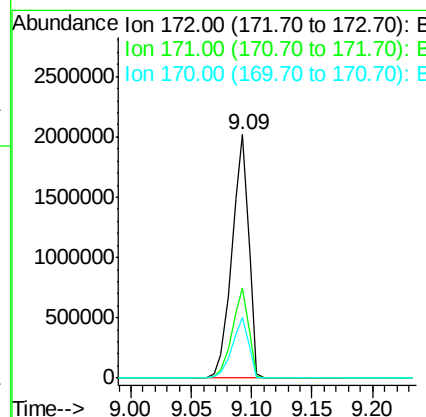
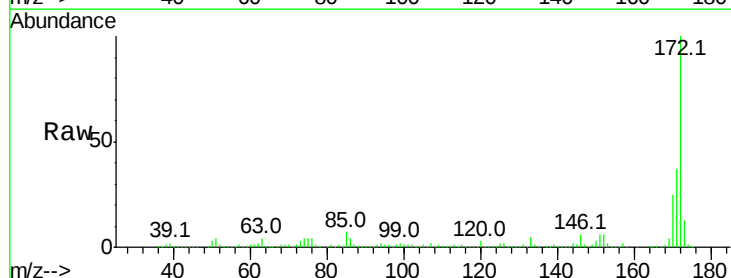
Instrument :
 BNA_F
 ClientSampleId :
 MW-E

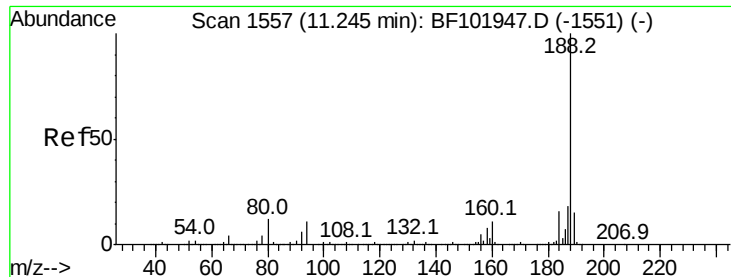
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	40.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 102.502 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101971.D
 Acq: 9 Jan 2018 23:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.6	19.6	29.4

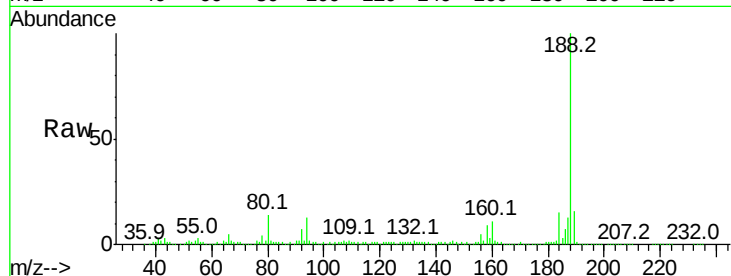




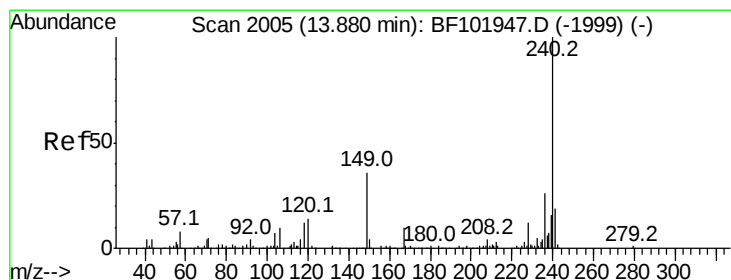
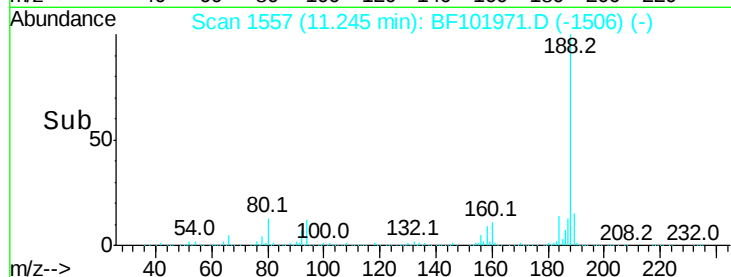
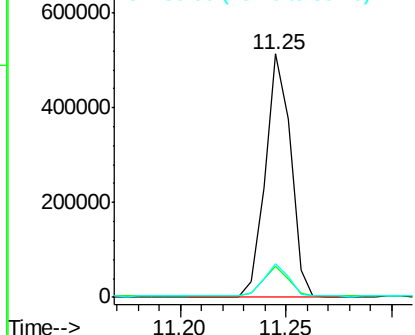
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101971.D
Acq: 9 Jan 2018 23:45

Instrument :
BNA_F
ClientSampleId :
MW-E

Tot Ion:188 Resp: 430568
Ion Ratio Lower Upper
188 100
94 12.8 8.5 12.7#
80 13.7 9.2 13.8

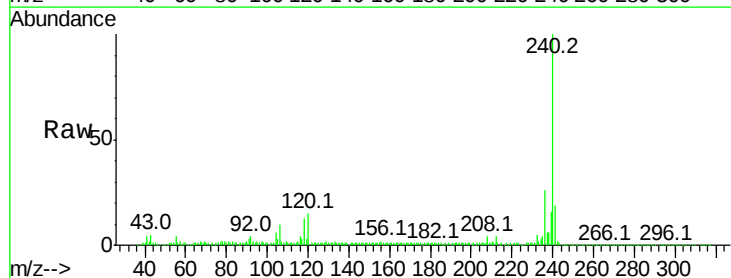


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

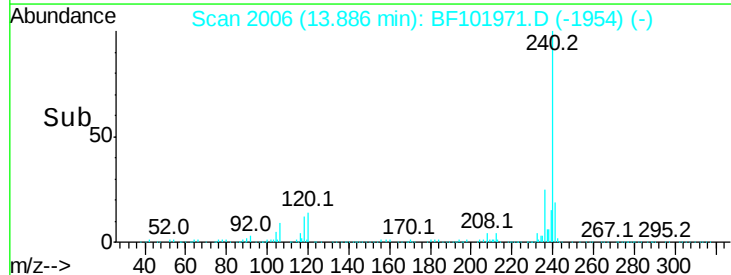
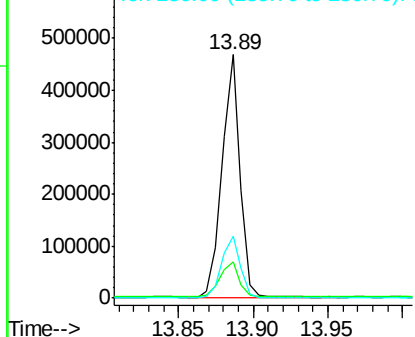


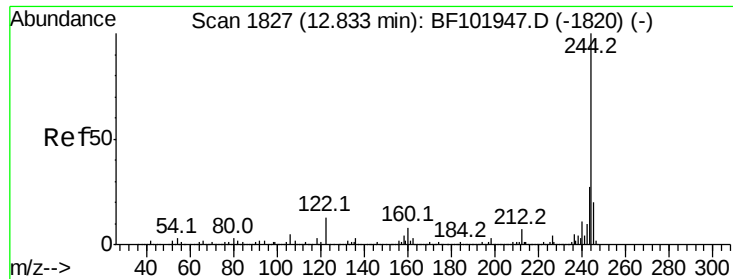
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF101971.D
Acq: 9 Jan 2018 23:45

Tgt Ion:240 Resp: 397918
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 25.6 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

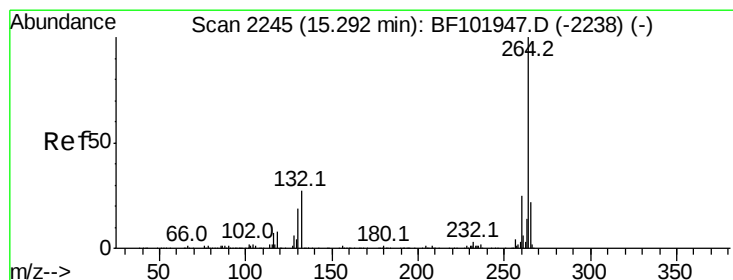
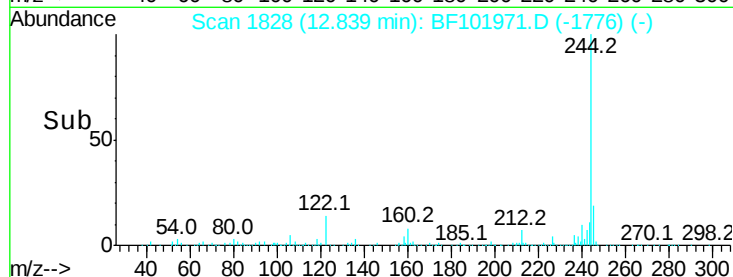
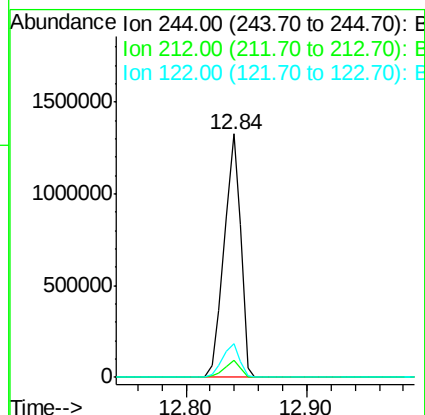
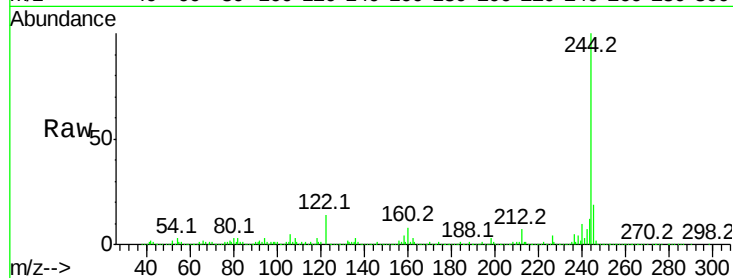




#78
 Terphenyl-d14
 Concen: 64.988 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF101971.D
 Acq: 9 Jan 2018 23:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-E

Tot Ion:244 Resp: 1245506
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.02 min
 Lab File: BF101971.D
 Acq: 9 Jan 2018 23:45

Tgt Ion:264 Resp: 284159
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 17.5 26.3

