

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102169.D
 Acq On : 17 Jan 2018 23:54
 Operator : SJ/JU
 Sample : J1151-01 100X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVEL

Quant Time: Jan 18 04:07:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126880	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	487644	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	198178	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	273341	20.00	ng	0.00
75) Chrysene-d12	13.86	240	214738	20.00	ng	-0.01
86) Perylene-d12	15.28	264	218618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	11178	1.24	ng	0.00
7) Phenol-d6	6.35	99	12881	1.20	ng	-0.01
23) Nitrobenzene-d5	7.28	82	7705	0.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	1399	0.81	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	16947	1.34	ng	-0.01
78) Terphenyl-d14	12.82	244	11583	1.12	ng	-0.01

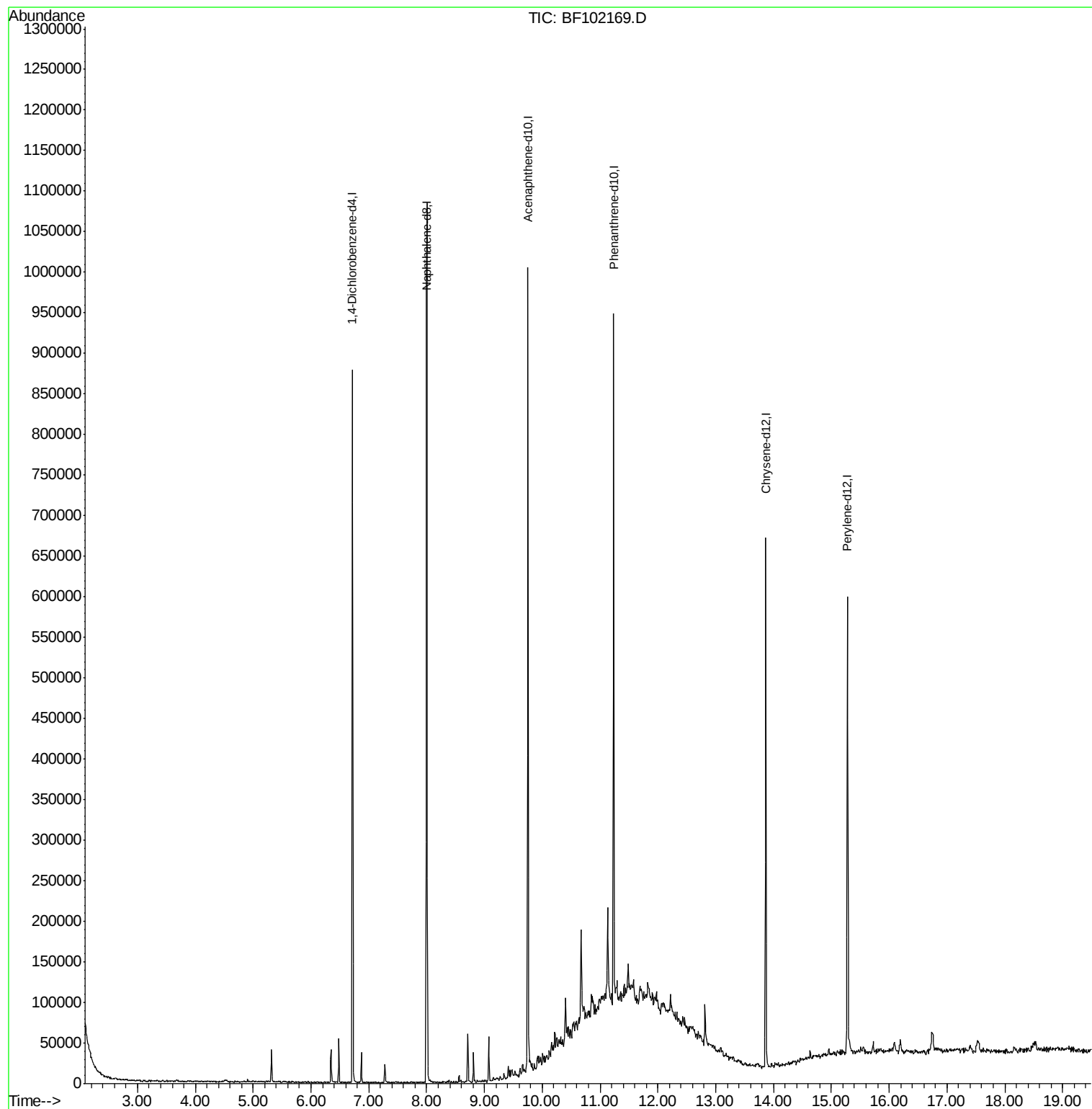
Target Compounds Qvalue

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

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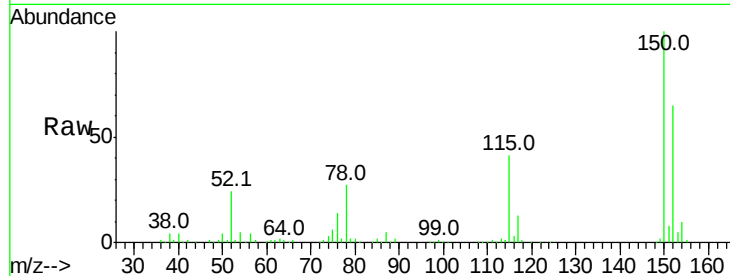


#1

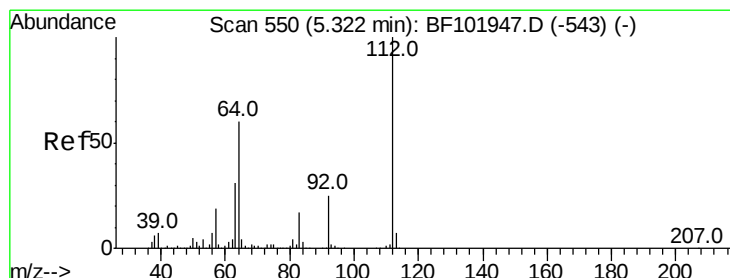
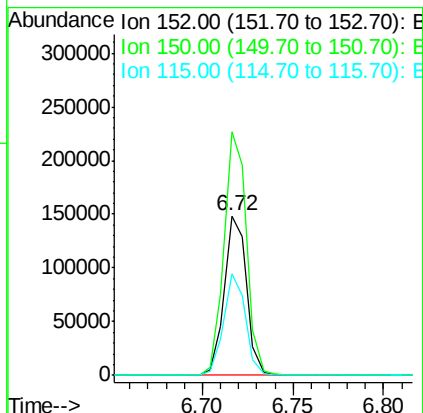
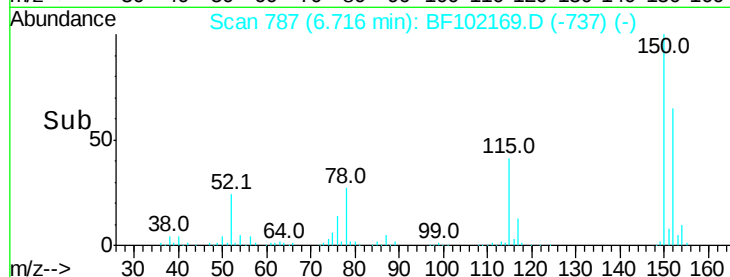
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102169.D
 Acq: 17 Jan 2018 23:54

Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVEL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	63.4	50.1	75.1



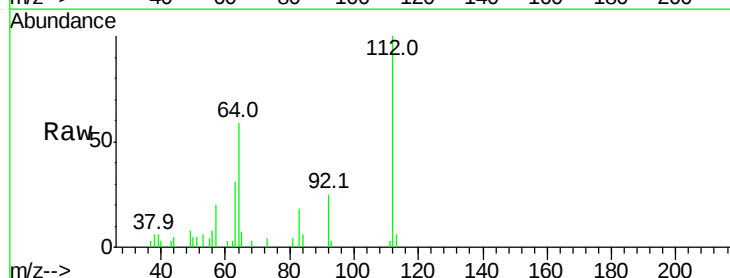
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



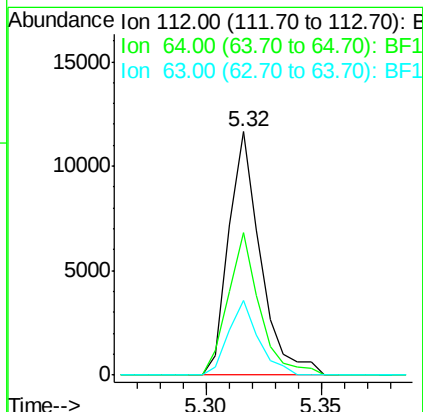
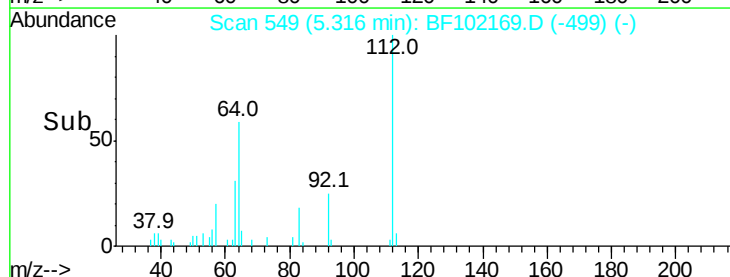
#5

2-Fluorophenol
 Concen: 1.244 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF102169.D
 Acq: 17 Jan 2018 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	30.8	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: 1.202 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF102169.D

Acq: 17 Jan 2018 23:54

Instrument :

BNA_F

ClientSampleId :

OIL-GRAVEL

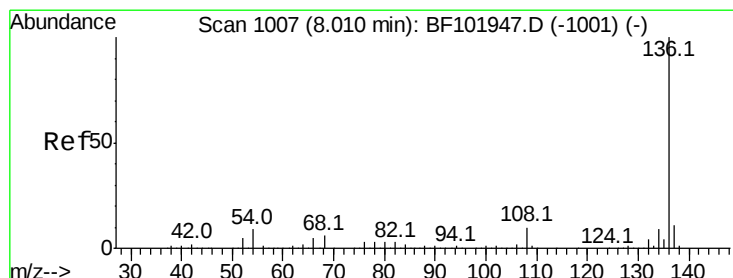
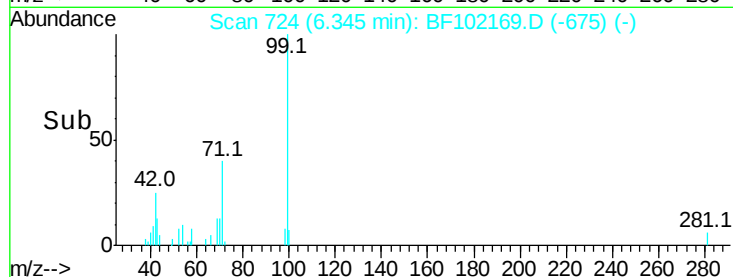
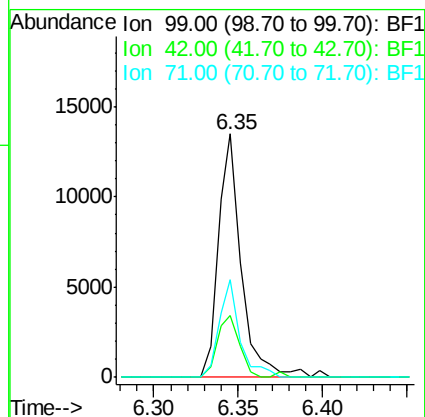
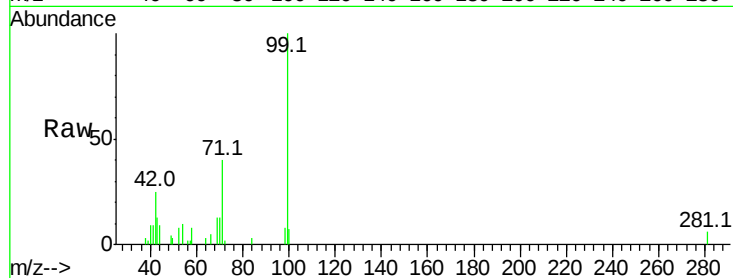
Tot Ion: 99 Resp: 12881

Ion Ratio Lower Upper

99 100

42 25.5 14.5 21.7#

71 40.0 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102169.D

Acq: 17 Jan 2018 23:54

Tgt Ion: 136 Resp: 487644

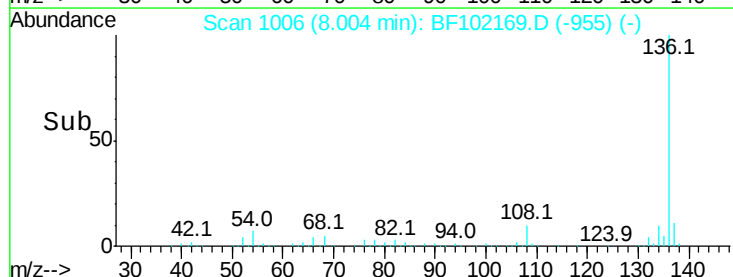
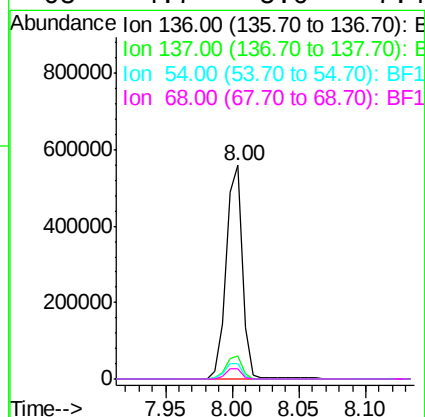
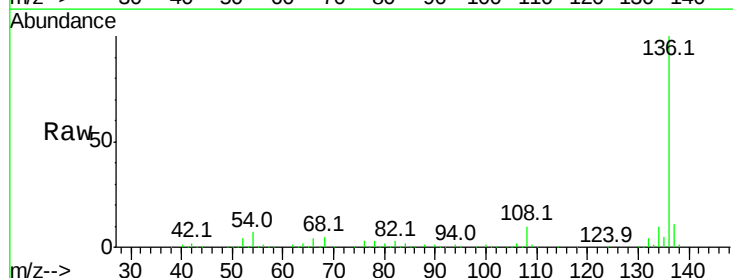
Ion Ratio Lower Upper

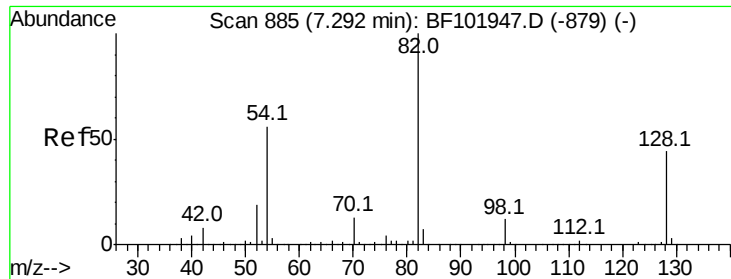
136 100

137 11.0 8.9 13.3

54 7.1 6.6 9.8

68 4.7 5.0 7.4#

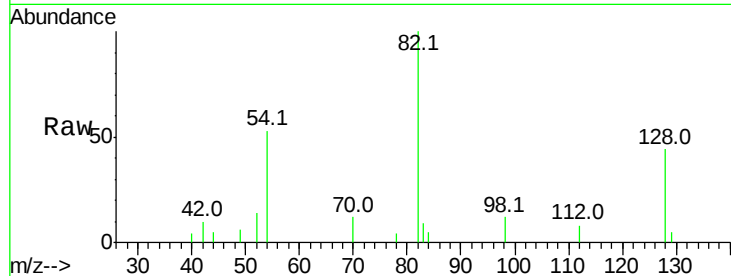




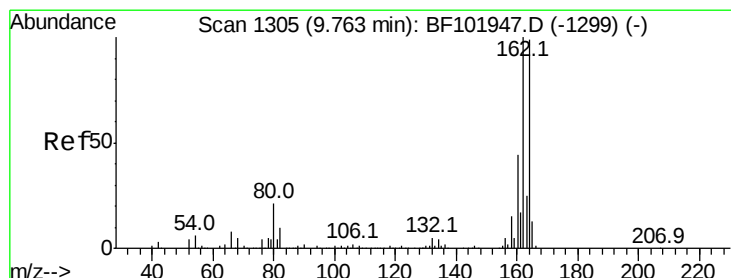
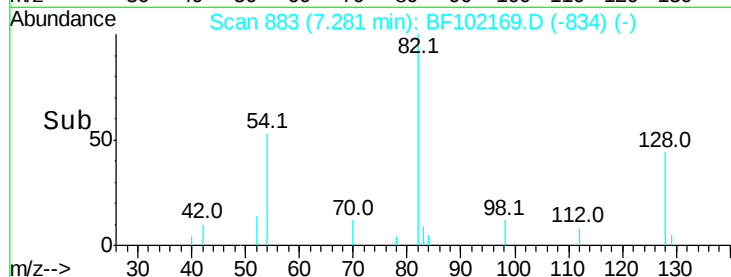
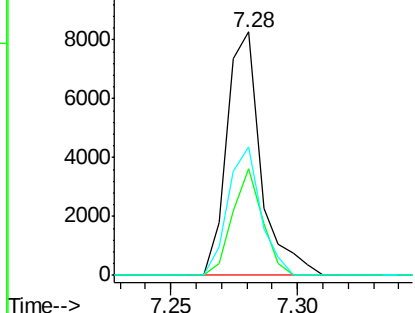
#23
 Nitrobenzene-d5
 Concen: 0.928 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102169.D
 Acq: 17 Jan 2018 23:54

Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVEL

Tot Ion: 82 Resp: 7705
 Ion Ratio Lower Upper
 82 100
 128 43.7 36.1 54.1
 54 52.7 41.4 62.2

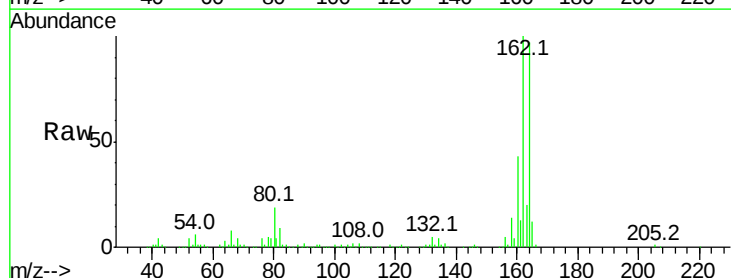


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

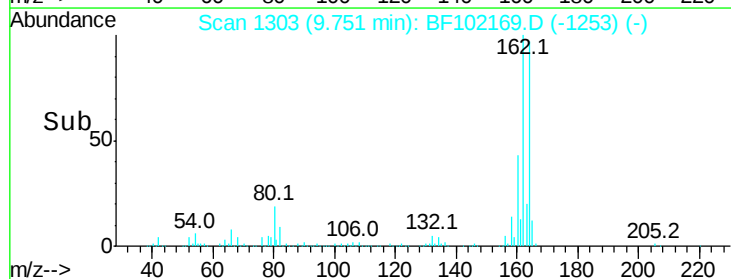
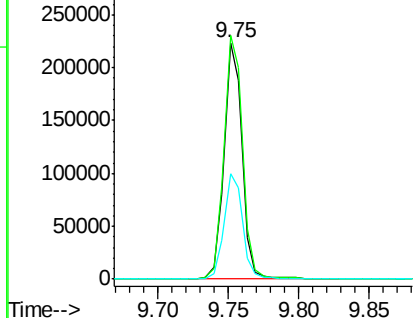


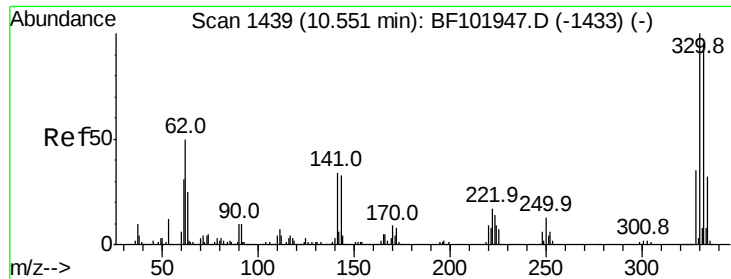
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102169.D
 Acq: 17 Jan 2018 23:54

Tgt Ion:164 Resp: 198178
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 44.6 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

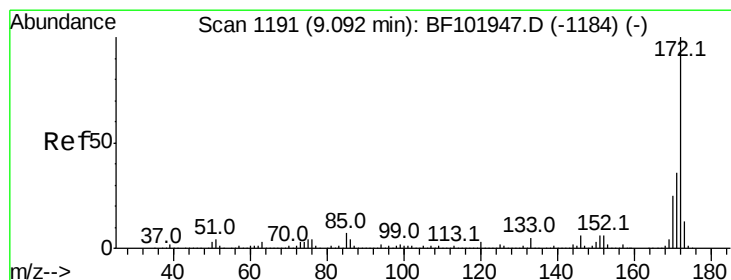
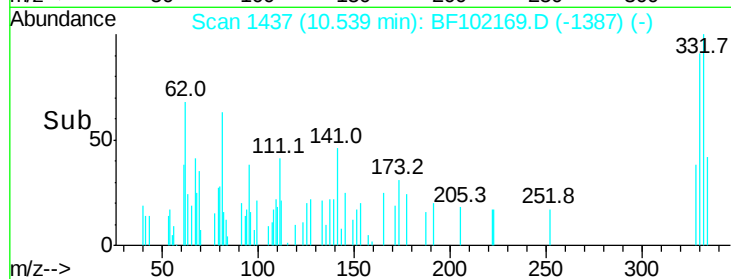
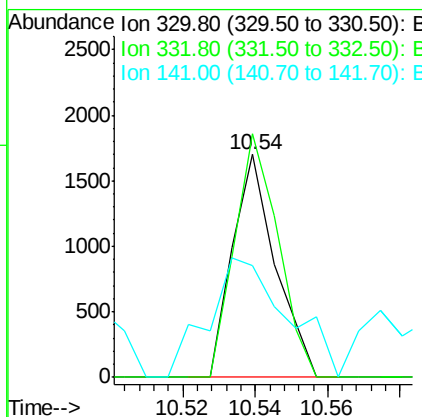
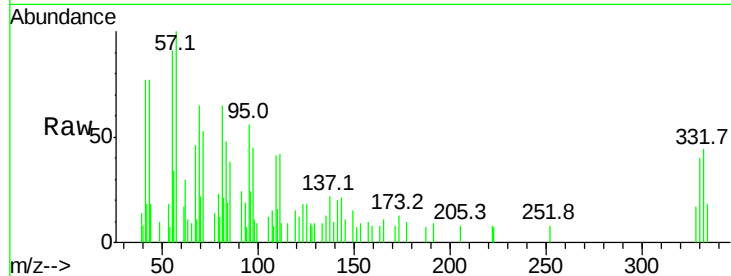




#41
 2,4,6-Tribromophenol
 Concen: 0.809 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102169.D
 Acq: 17 Jan 2018 23:54

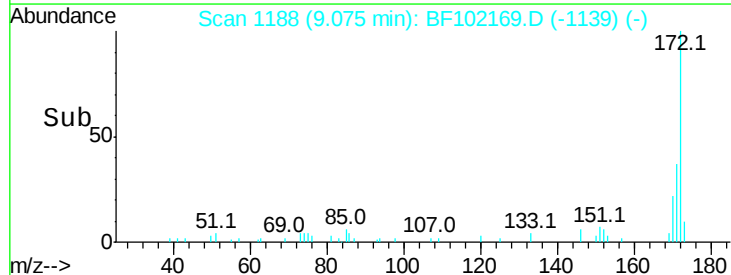
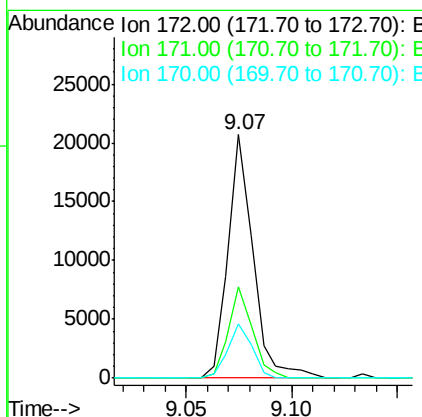
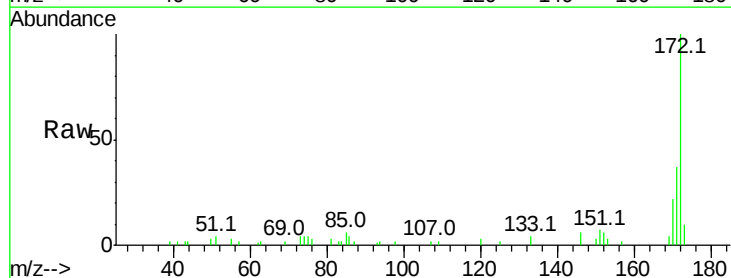
Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVEL

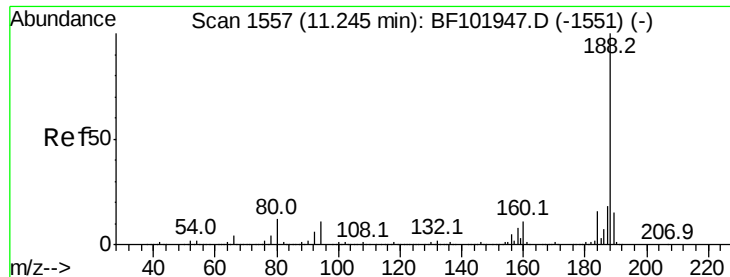
Tot Ion:330 Resp: 1399
 Ion Ratio Lower Upper
 330 100
 332 110.7 77.0 115.6
 141 98.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 1.336 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102169.D
 Acq: 17 Jan 2018 23:54

Tgt Ion:172 Resp: 16947
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 22.3 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102169.D

Acq: 17 Jan 2018 23:54

Instrument :

BNA_F

ClientSampleId :

OIL-GRAVEL

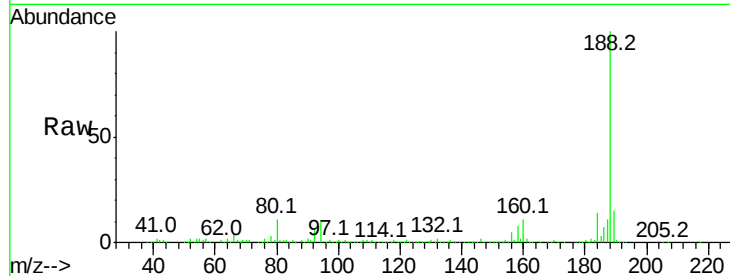
Tot Ion:188 Resp: 273341

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

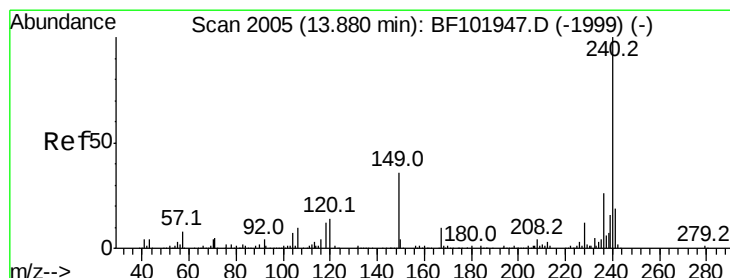
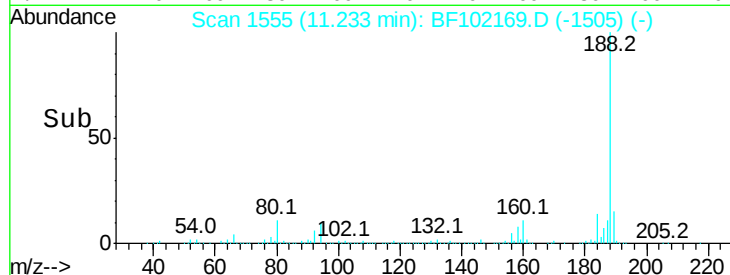
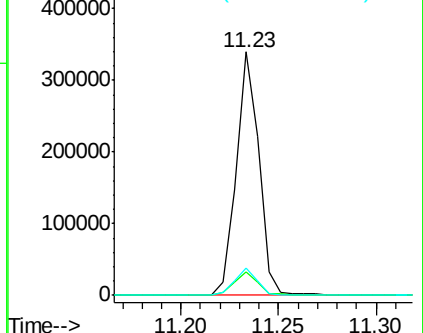
80 11.1 9.2 13.8



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102169.D

Acq: 17 Jan 2018 23:54

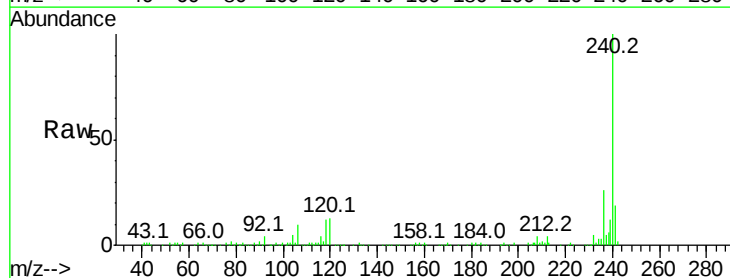
Tgt Ion:240 Resp: 214738

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

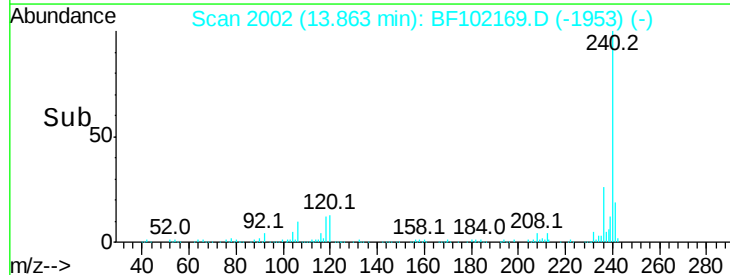
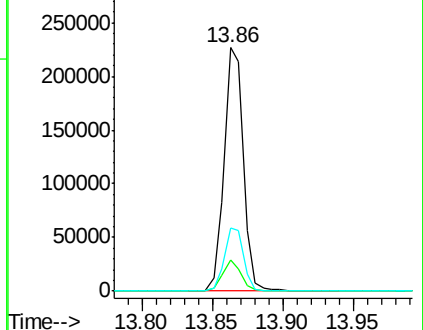
236 26.2 20.7 31.1

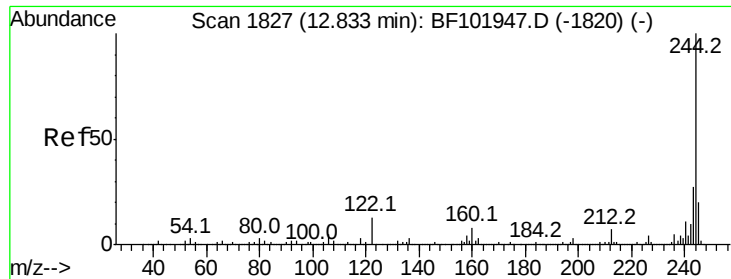


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

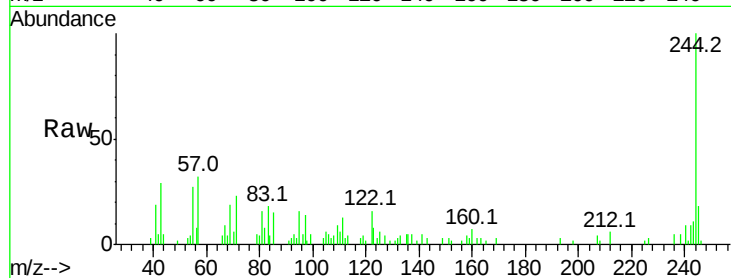




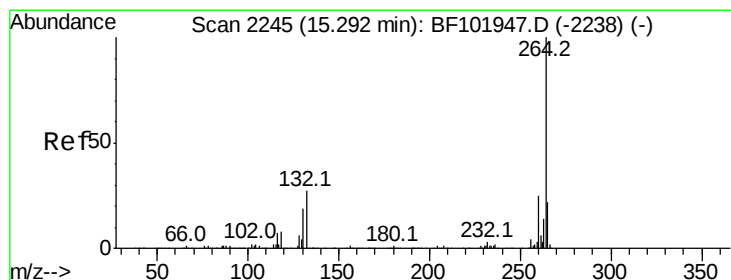
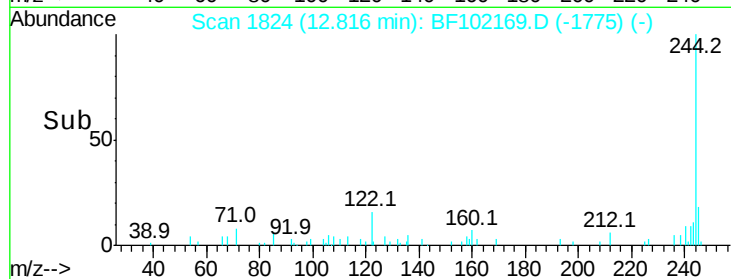
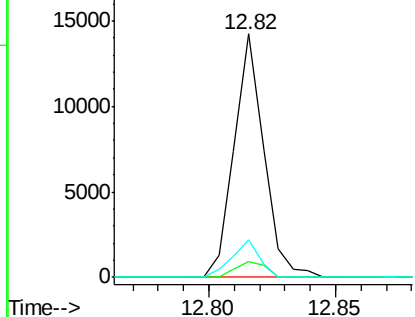
#78
 Terphenyl-d14
 Concen: 1.120 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102169.D
 Acq: 17 Jan 2018 23:54

Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVEL

Tot Ion:244 Resp: 11583
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 15.6 11.0 16.4

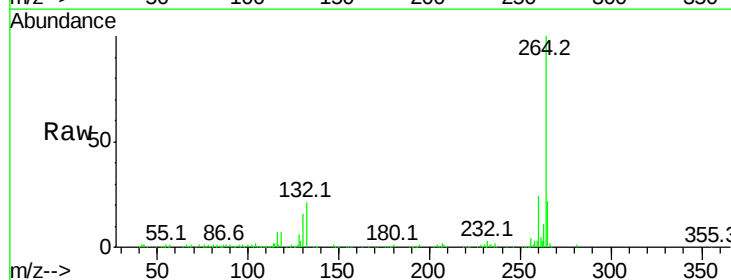


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102169.D
 Acq: 17 Jan 2018 23:54

Tgt Ion:264 Resp: 218618
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.8 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

