

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102021.D
 Acq On : 11 Jan 2018 16:31
 Operator : SJ/JU
 Sample : J1064-14 100X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 11 17:33:07 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	6.72	152	176529	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	715125	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	316062	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	552487	20.00	ng	0.00
75) Chrysene-d12	13.87	240	354836	20.00	ng	-0.01
86) Perylene-d12	15.29	264	274075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	19515	1.56	ng	0.00
7) Phenol-d6	6.34	99	26749	1.79	ng	-0.01
23) Nitrobenzene-d5	7.28	82	14441	1.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	4576	1.66	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	30568	1.51	ng	-0.01
78) Terphenyl-d14	12.82	244	28974	1.70	ng	-0.01

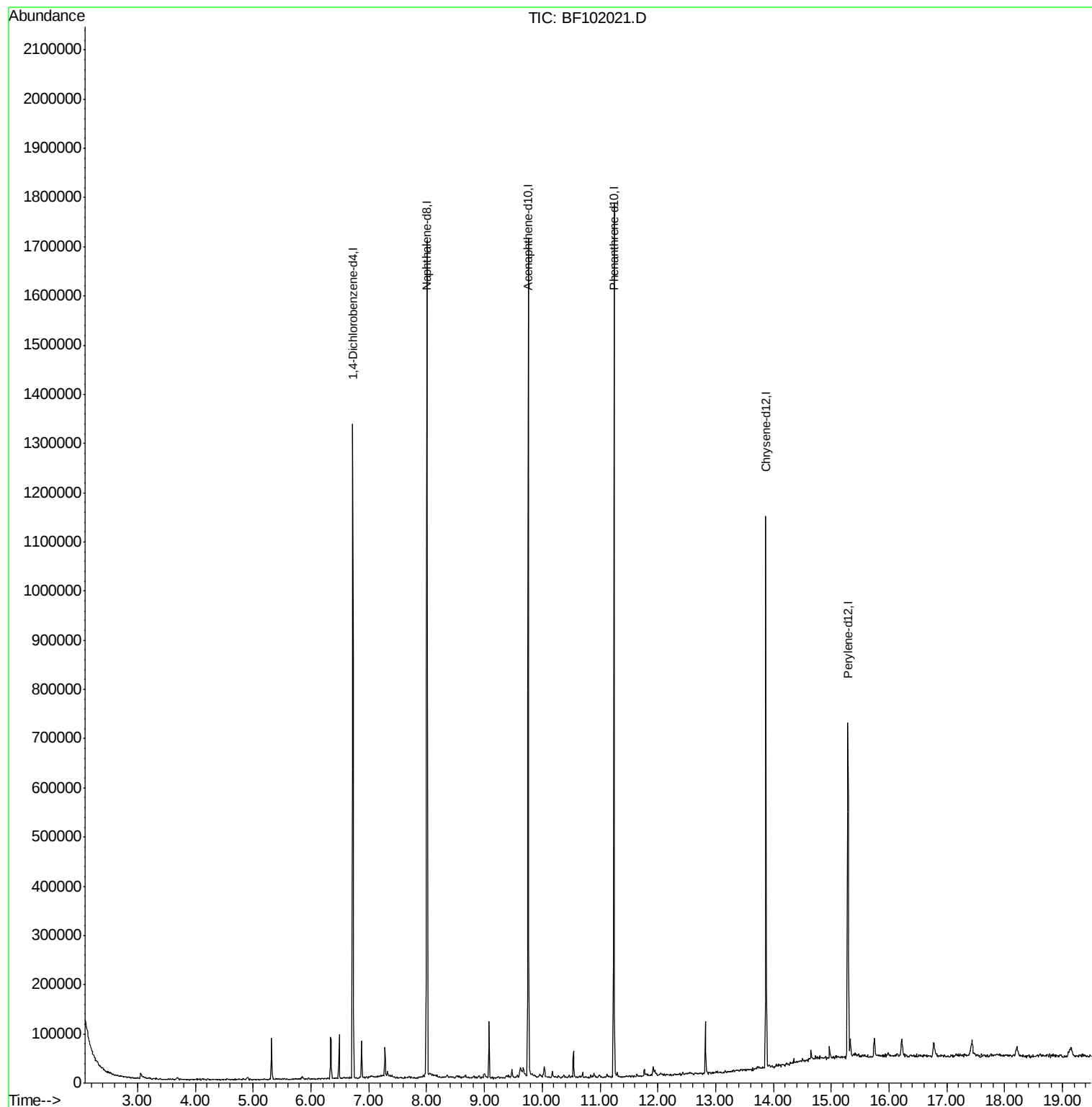
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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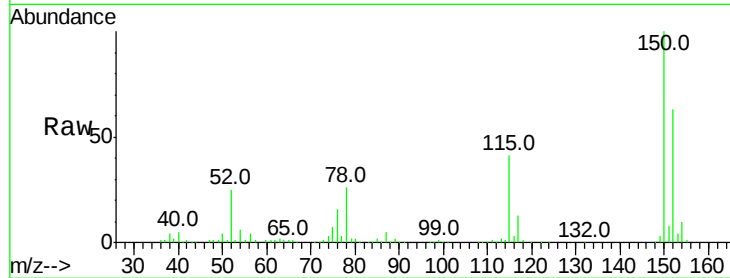


#1

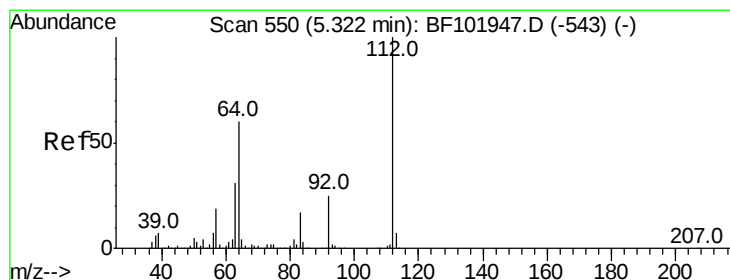
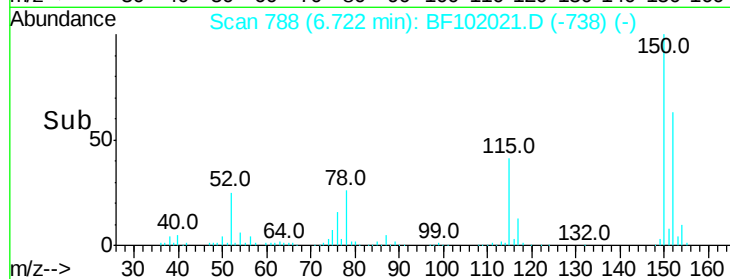
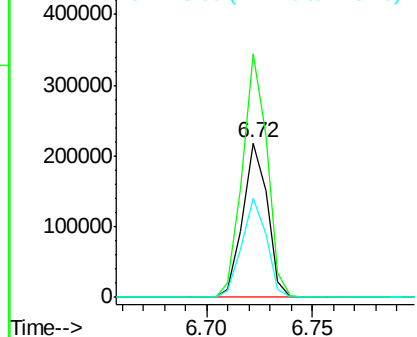
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102021.D
Acq: 11 Jan 2018 16:31

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 176529
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 64.3 50.1 75.1



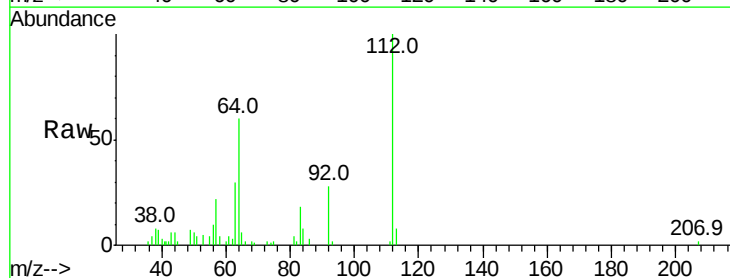
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



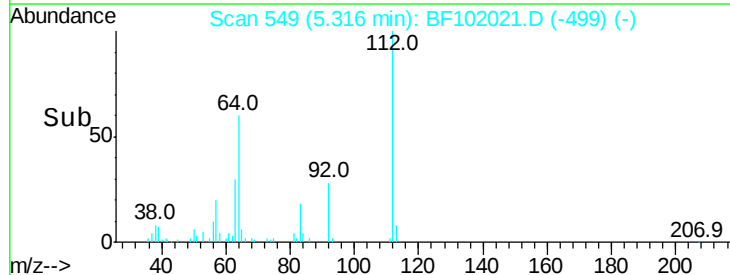
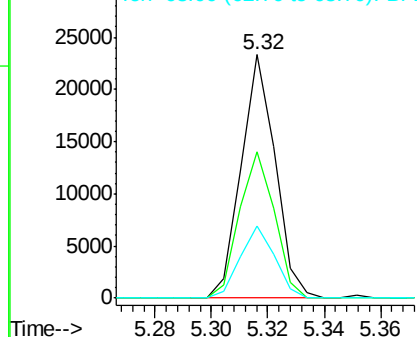
#5

2-Fluorophenol
Concen: 1.561 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102021.D
Acq: 11 Jan 2018 16:31

Tgt Ion:112 Resp: 19515
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 29.5 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: 1.793 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF102021.D

Acq: 11 Jan 2018 16:31

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

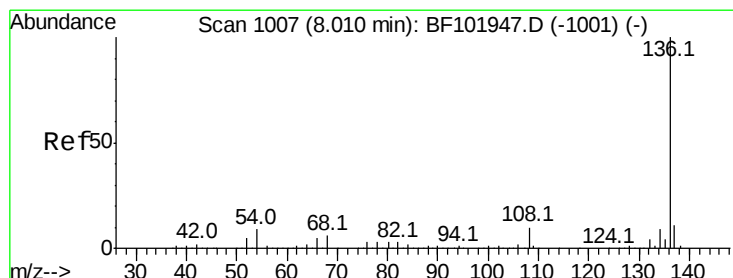
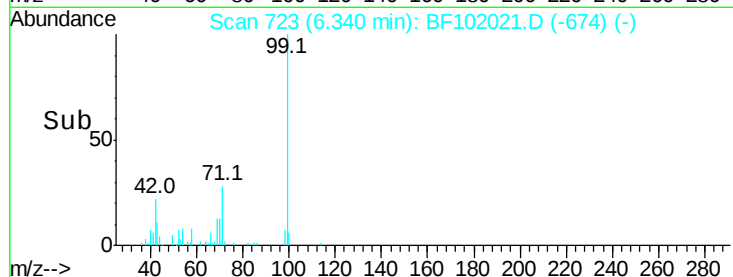
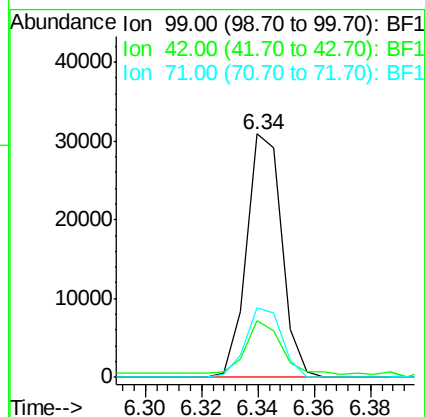
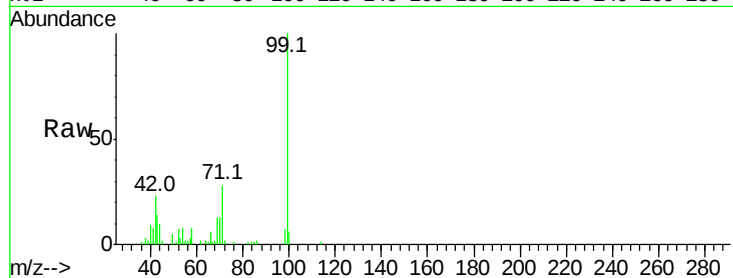
Tot Ion: 99 Resp: 26749

Ion Ratio Lower Upper

99 100

42 23.4 14.5 21.7#

71 28.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102021.D

Acq: 11 Jan 2018 16:31

Tgt Ion: 136 Resp: 715125

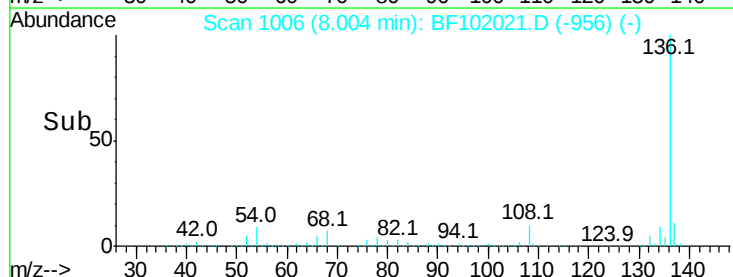
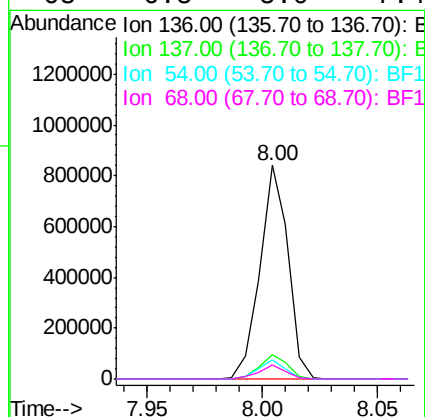
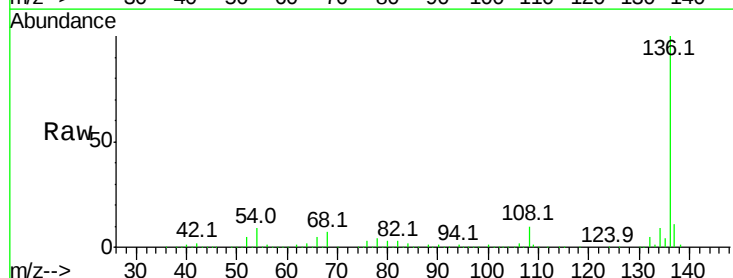
Ion Ratio Lower Upper

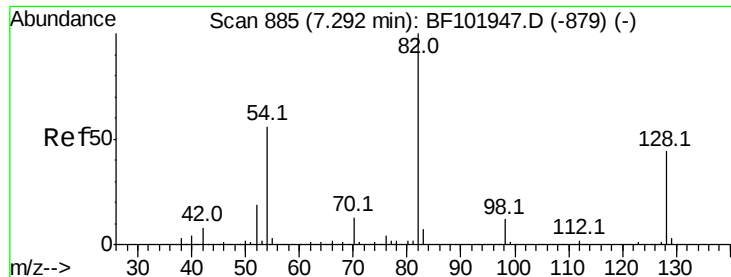
136 100

137 11.3 8.9 13.3

54 8.9 6.6 9.8

68 6.5 5.0 7.4

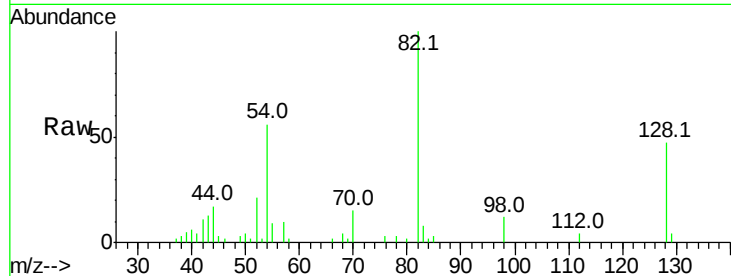




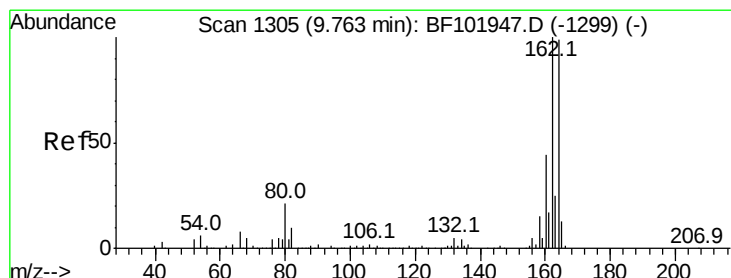
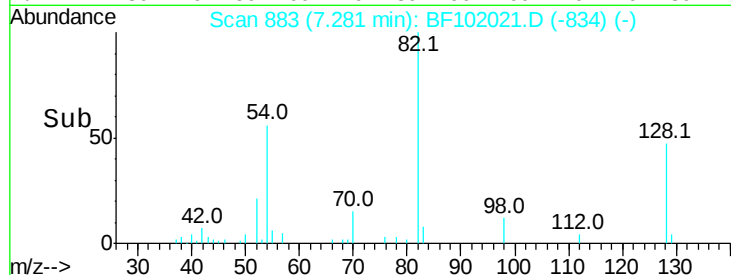
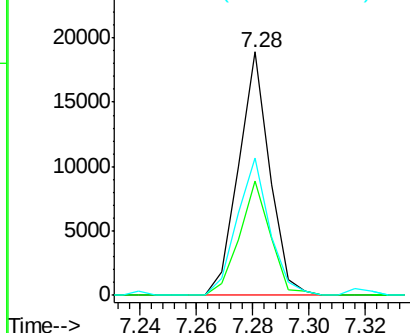
#23
 Nitrobenzene-d5
 Concen: 1.187 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102021.D
 Acq: 11 Jan 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion: 82 Resp: 14441
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 56.5 41.4 62.2

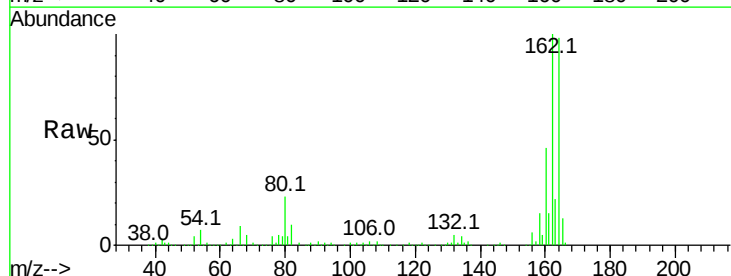


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

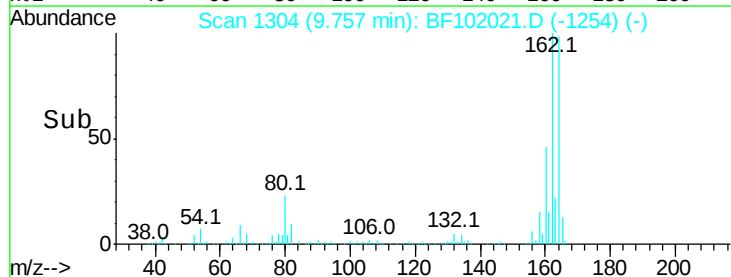
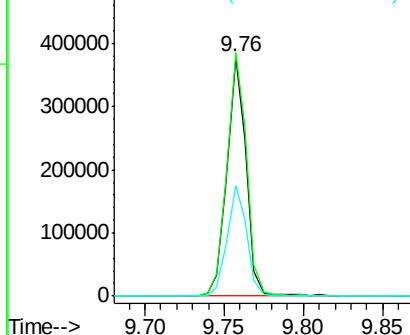


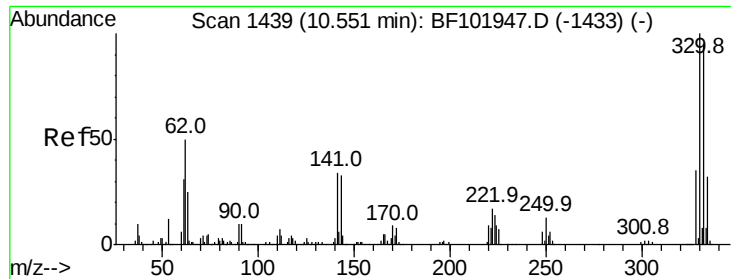
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF102021.D
 Acq: 11 Jan 2018 16:31

Tgt Ion:164 Resp: 316062
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.5 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

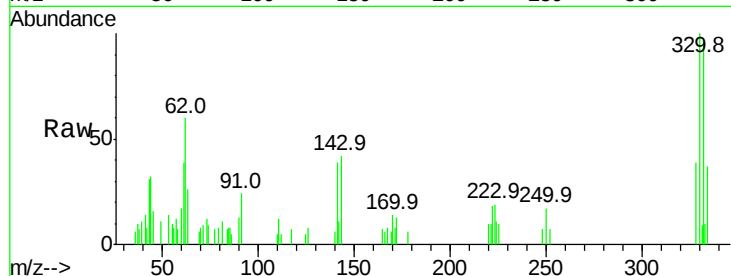




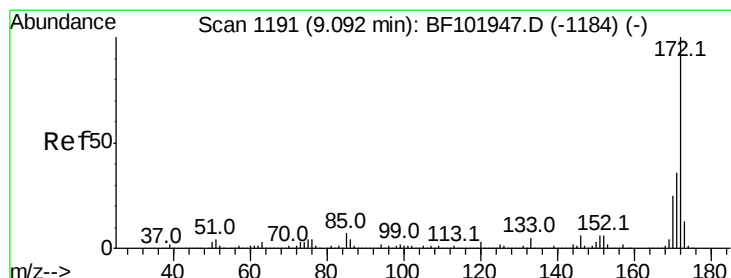
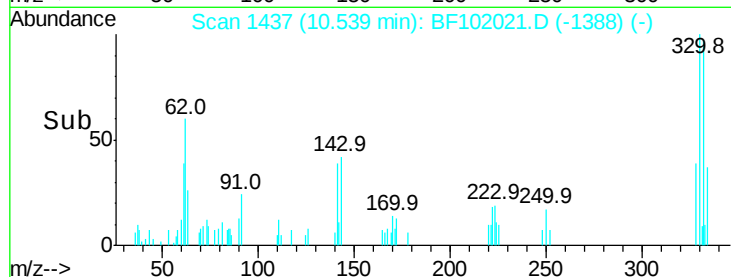
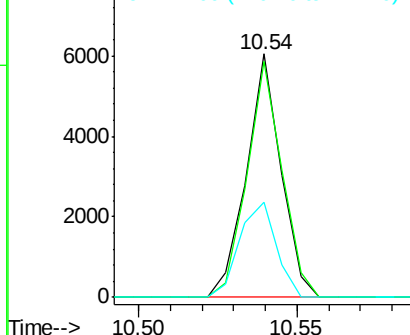
#41
 2,4,6-Tribromophenol
 Concen: 1.659 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102021.D
 Acq: 11 Jan 2018 16:31

Instrument :
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 ClientSampleId :
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Tot Ion:330 Resp: 4576
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 41.1 29.9 44.9

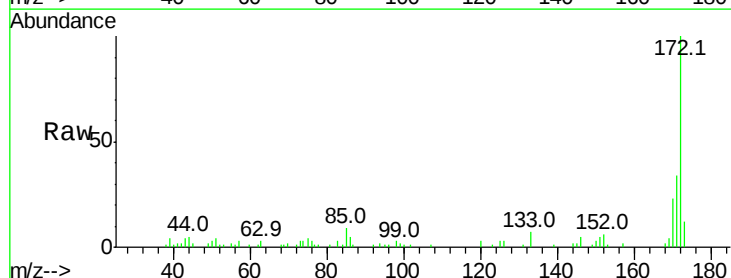


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

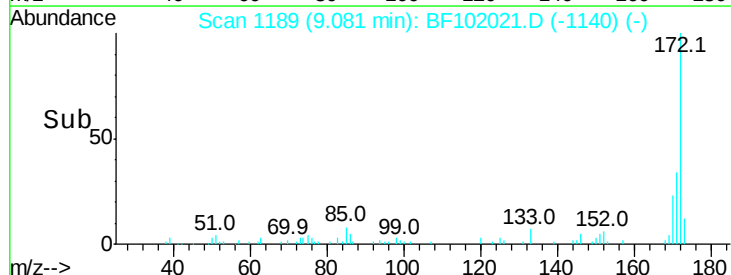
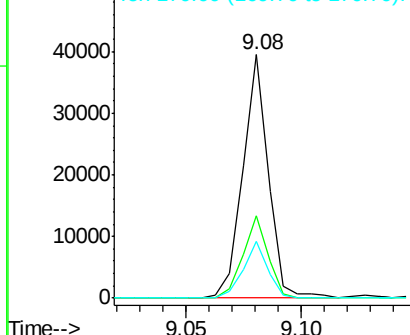


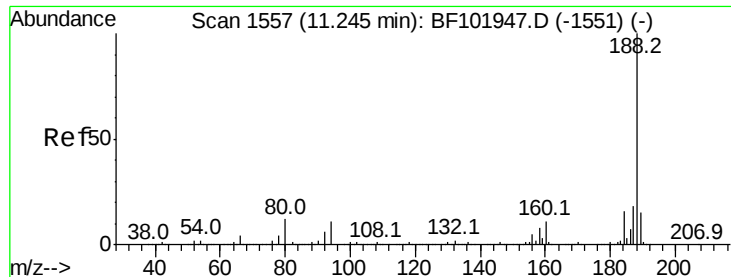
#44
 2-Fluorobiphenyl
 Concen: 1.511 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102021.D
 Acq: 11 Jan 2018 16:31

Tgt Ion:172 Resp: 30568
 Ion Ratio Lower Upper
 172 100
 171 33.6 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

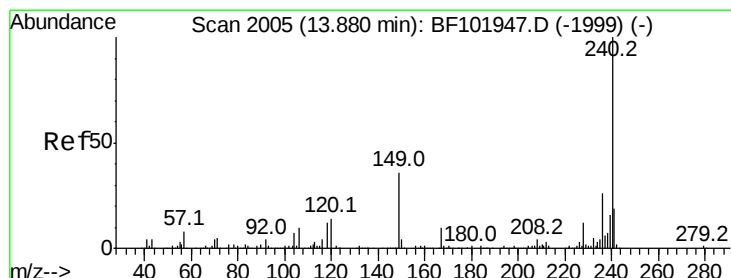
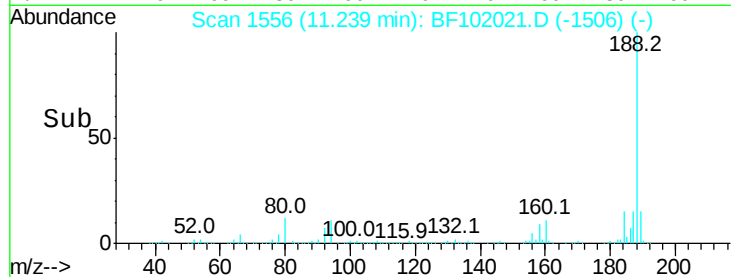
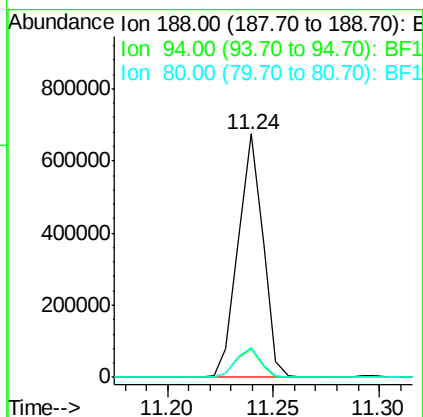
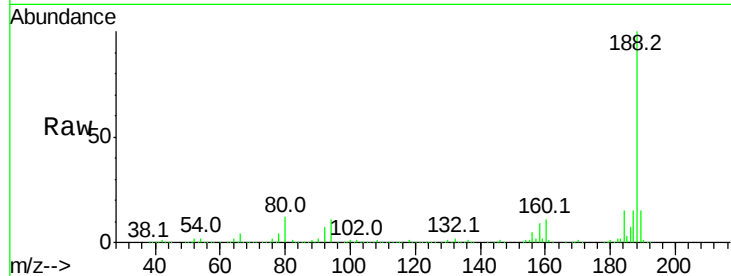




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102021.D
Acq: 11 Jan 2018 16:31

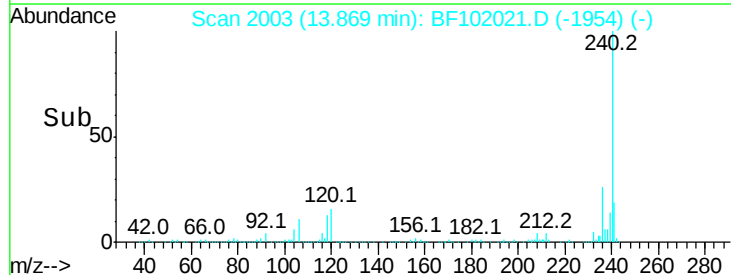
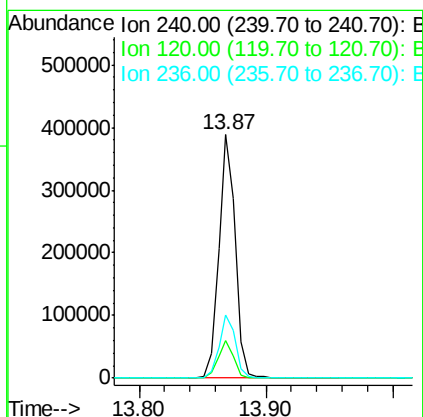
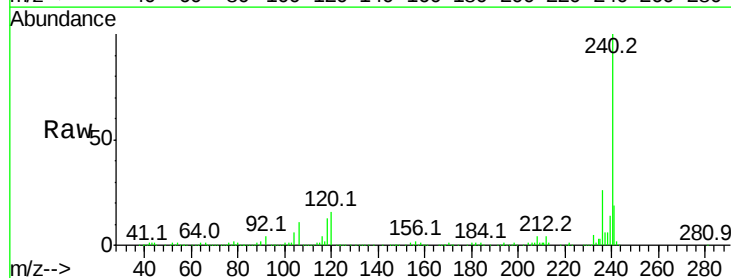
Instrument :
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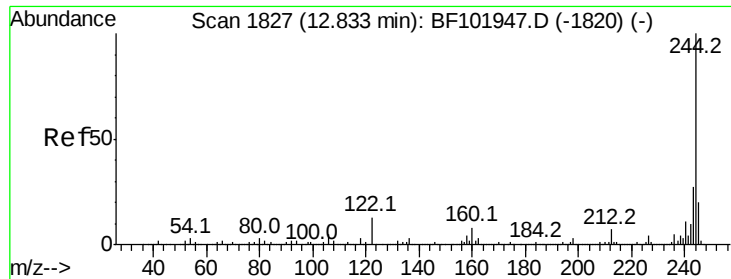
Tot Ion:188 Resp: 552487
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102021.D
Acq: 11 Jan 2018 16:31

Tgt Ion:240 Resp: 354836
Ion Ratio Lower Upper
240 100
120 15.6 9.5 14.3#
236 25.8 20.7 31.1

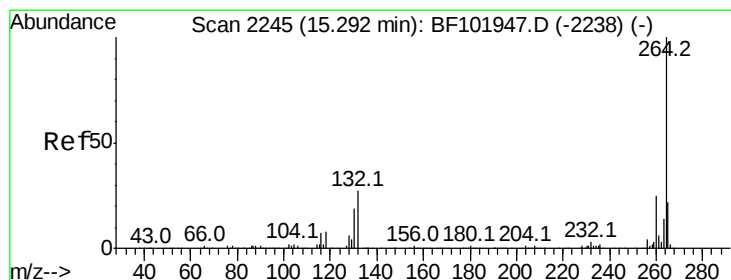
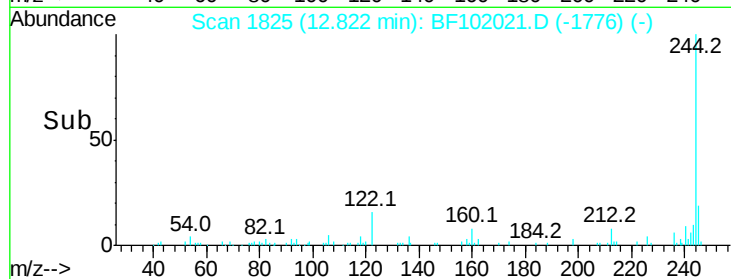
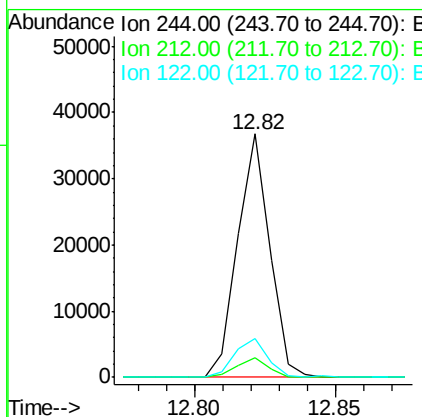
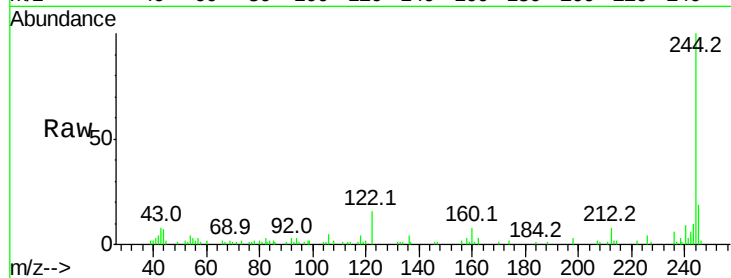




#78
 Terphenyl-d14
 Concen: 1.695 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102021.D
 Acq: 11 Jan 2018 16:31

Instrument :
 BNA_F
 ClientSampleID :
 OILY-STONES

Tot Ion:244 Resp: 28974
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.0
 122 15.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF102021.D
 Acq: 11 Jan 2018 16:31

Tgt Ion:264 Resp: 274075
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 22.3 17.5 26.3

