

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103904.D
 Acq On : 24 Mar 2018 2:40
 Operator : JU/SJ
 Sample : J2014-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032018-TIDO-F-D-S

Quant Time: Mar 24 03:32:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	128468	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	499511	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	206184	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	318424	20.00	ng	0.00
75) Chrysene-d12	14.16	240	247708	20.00	ng	0.00
86) Perylene-d12	15.71	264	186697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	354101	41.92	ng	0.00
7) Phenol-d6	6.59	99	292182	28.28	ng	-0.01
23) Nitrobenzene-d5	7.54	82	733385	102.39	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	169503	95.61	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1301624	100.70	ng	0.00
78) Terphenyl-d14	13.10	244	999987	93.70	ng	0.00

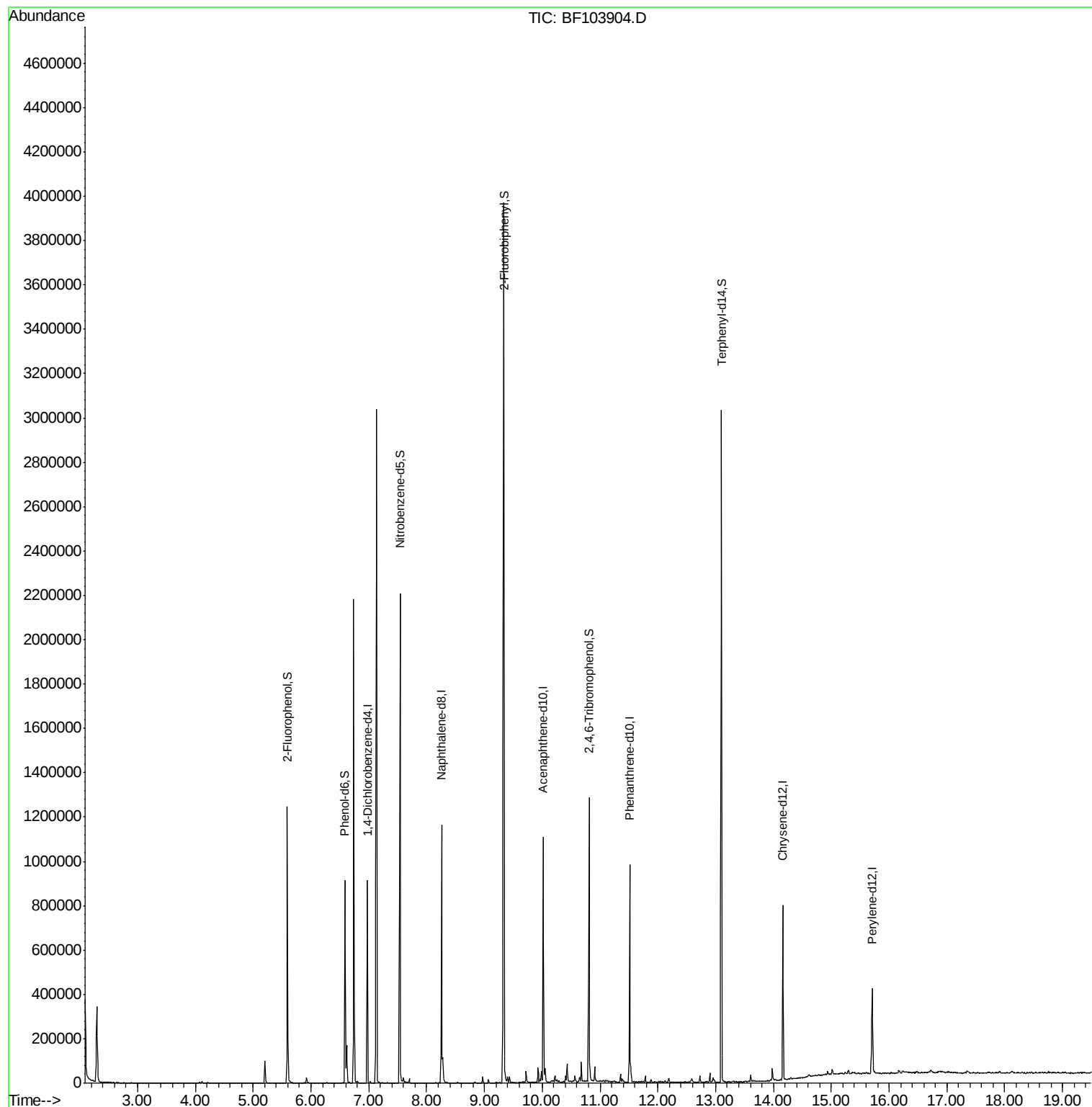
Target Compounds Qvalue

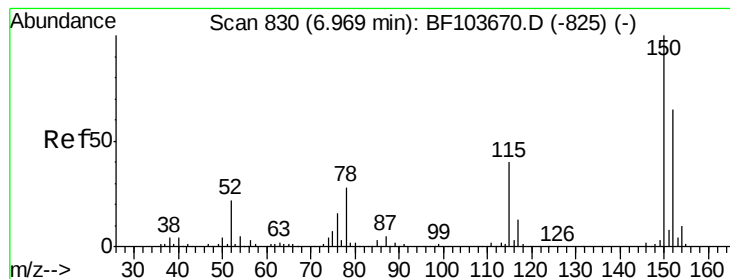
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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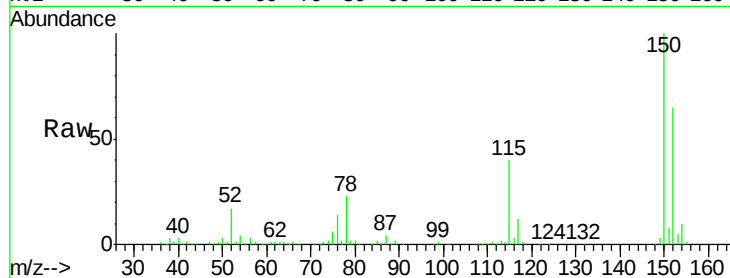


#1

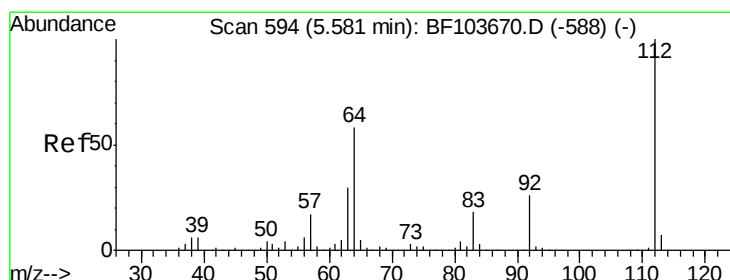
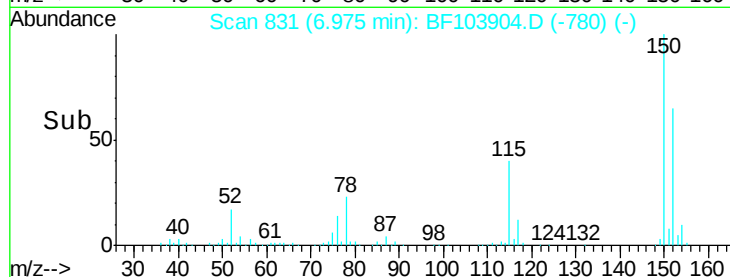
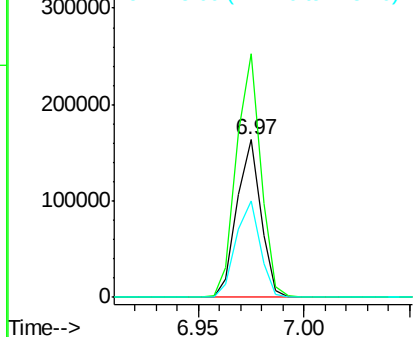
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :
032018-TIDO-F-D-S

Tot Ion:152 Resp: 128468
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 61.1 50.1 75.1



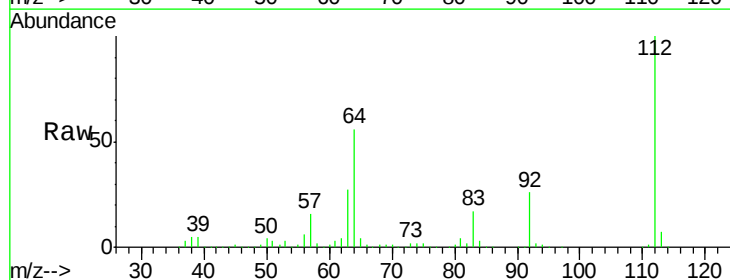
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



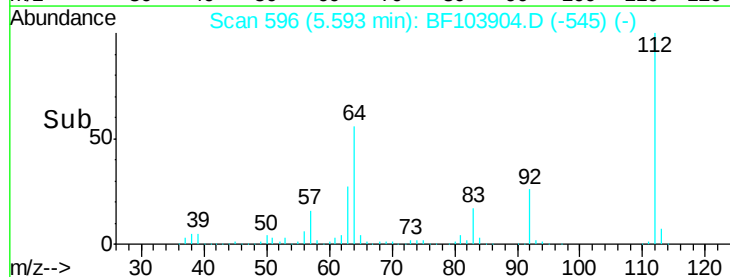
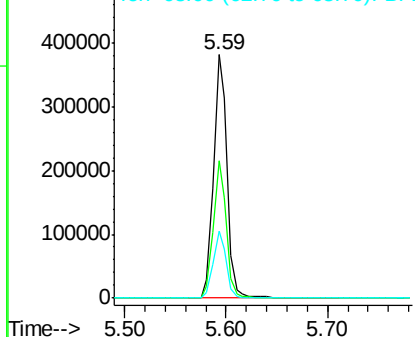
#5

2-Fluorophenol
Concen: 41.924 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:112 Resp: 354101
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.4 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: 28.275 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103904.D

Acq: 24 Mar 2018 2:40

Instrument :

BNA_F

ClientSampleId :

032018-TIDO-F-D-S

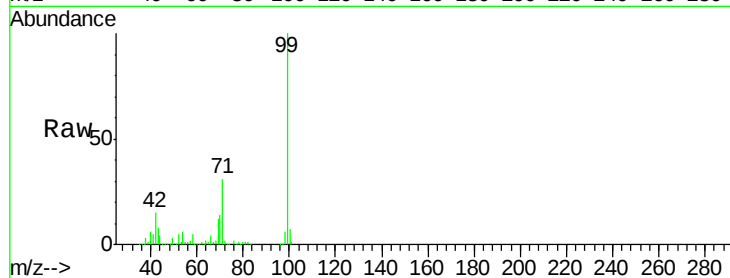
Tot Ion: 99 Resp: 292182

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

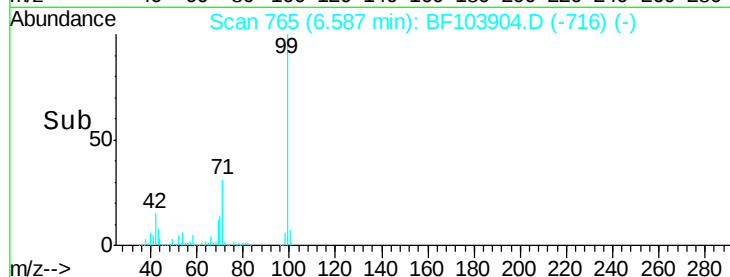
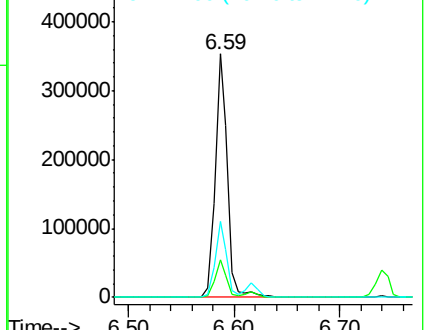
71 31.3 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF103904.D

Acq: 24 Mar 2018 2:40

Tgt Ion: 136 Resp: 499511

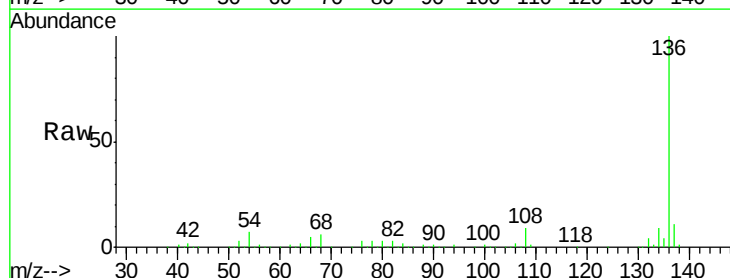
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.0 6.6 9.8

68 6.2 5.0 7.4

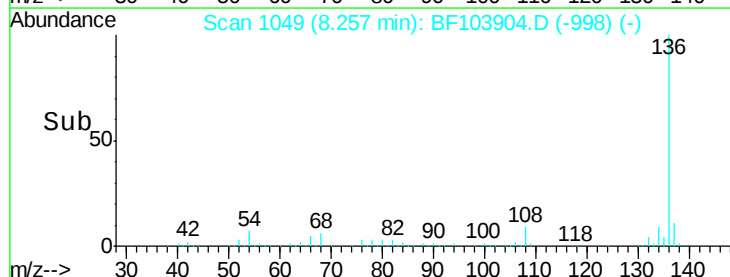
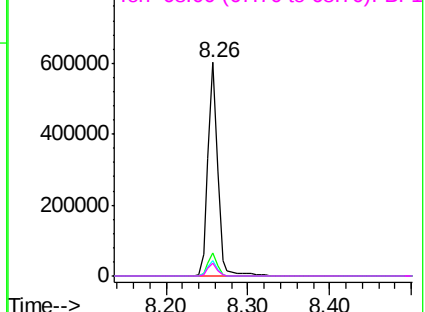


Abundance Ion 136.00 (135.70 to 136.70): E

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

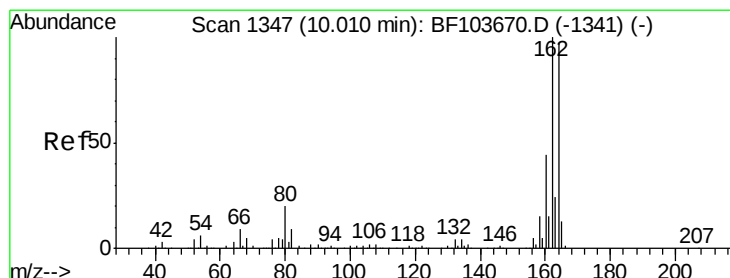
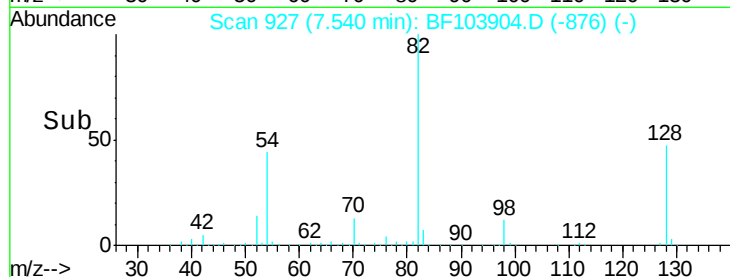
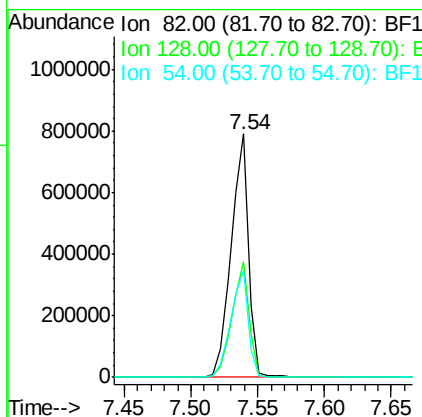
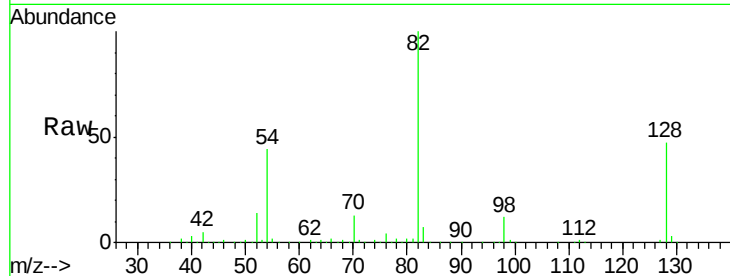




#23
Nitrobenzene-d5
Concen: 102.387 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

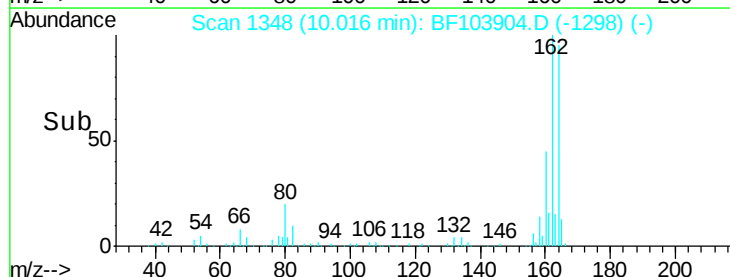
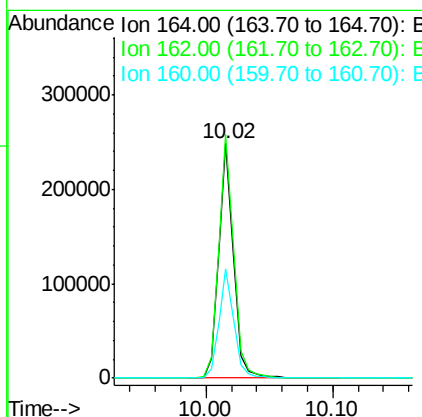
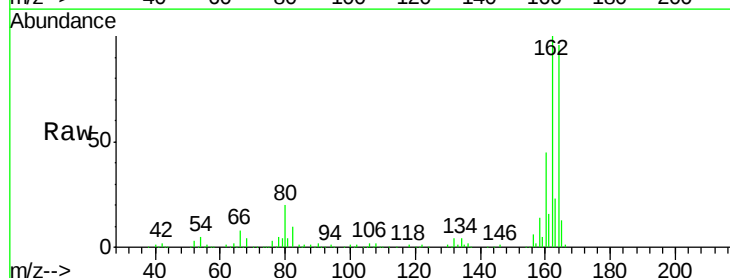
Instrument :
BNA_F
ClientSampleId :
032018-TIDO-F-D-S

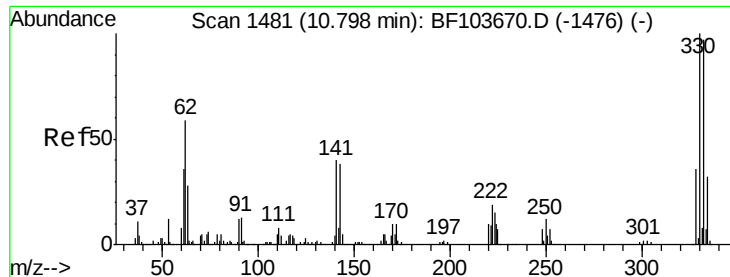
Tot Ion: 82 Resp: 733385
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 43.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:164 Resp: 206184
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 46.4 38.3 57.5

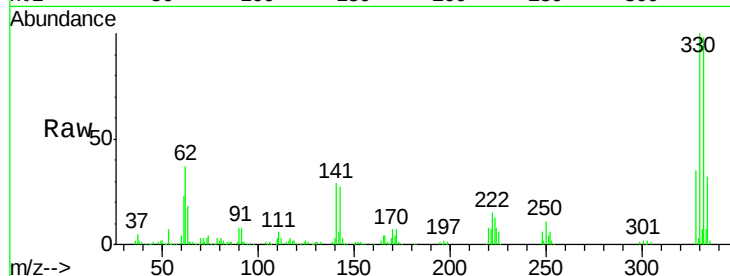




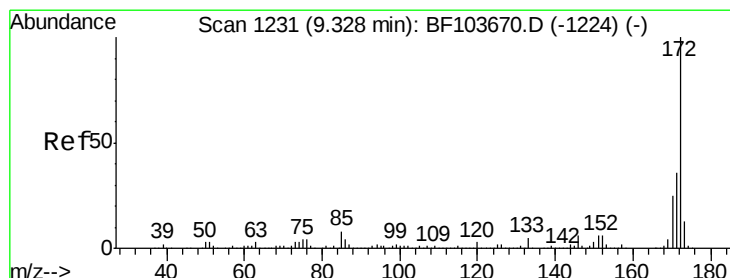
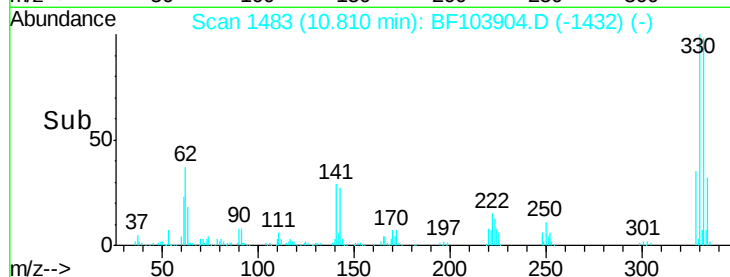
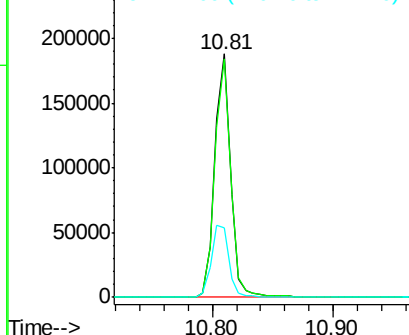
#41
 2,4,6-Tribromophenol
 Concen: 95.614 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103904.D
 Acq: 24 Mar 2018 2:40

Instrument :
 BNA_F
 ClientSampleId :
 032018-TIDO-F-D-S

Tot Ion:330 Resp: 169503
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 33.2 29.9 44.9

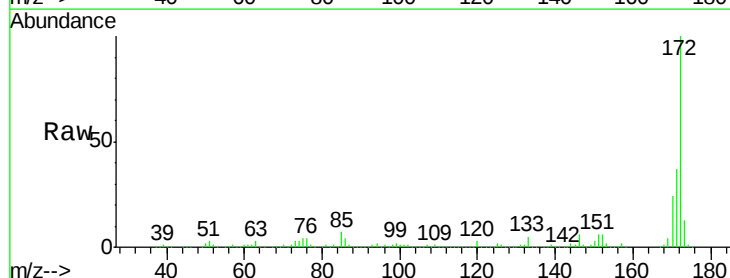


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

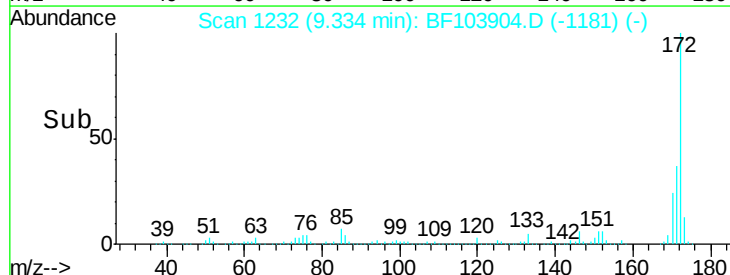
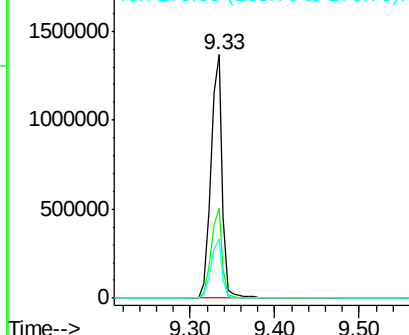


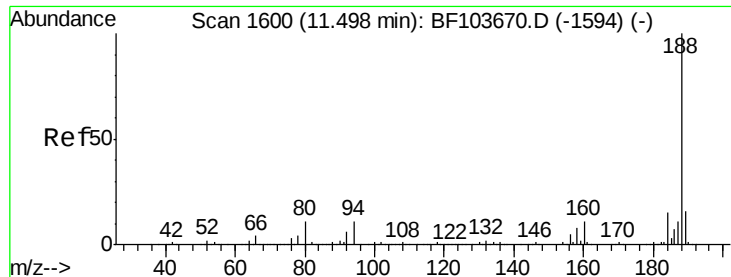
#44
 2-Fluorobiphenyl
 Concen: 100.701 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103904.D
 Acq: 24 Mar 2018 2:40

Tgt Ion:172 Resp: 1301624
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.4 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

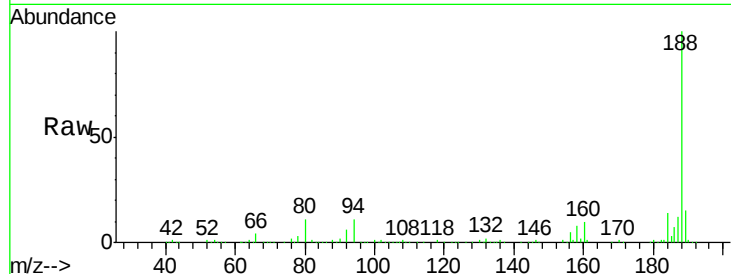




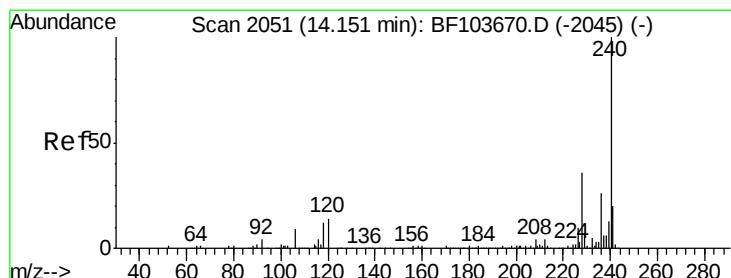
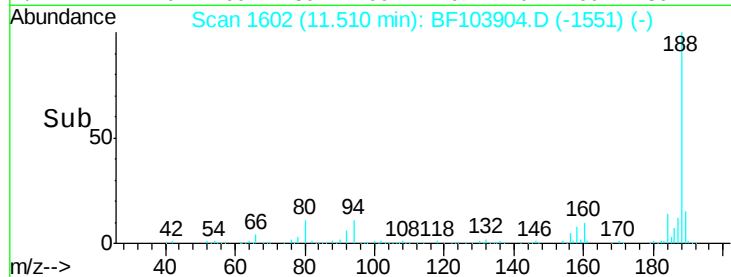
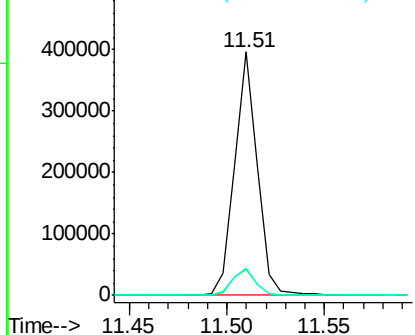
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Instrument :
BNA_F
ClientSampleId :
032018-TIDO-F-D-S

Tot Ion:188 Resp: 318424
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.3 9.2 13.8

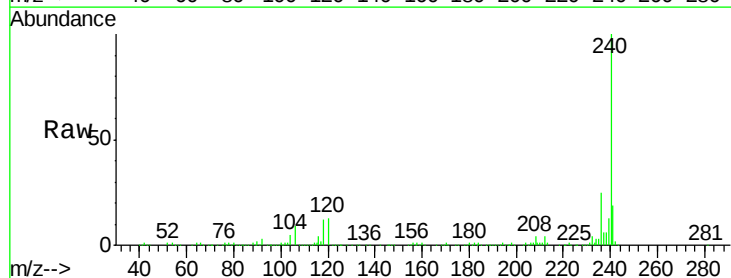


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

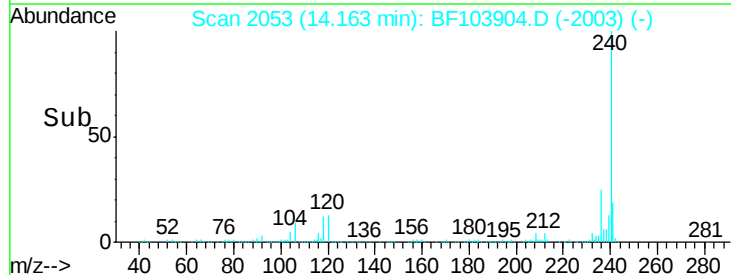
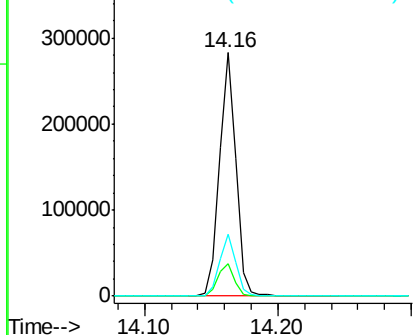


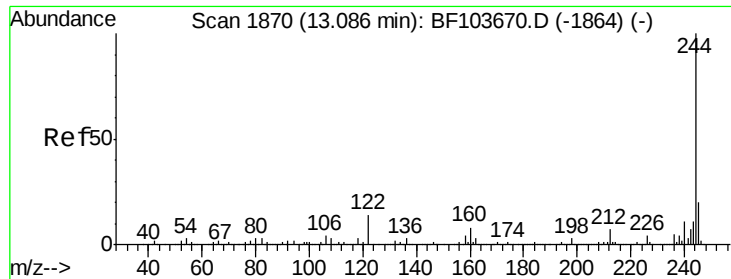
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103904.D
Acq: 24 Mar 2018 2:40

Tgt Ion:240 Resp: 247708
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.2 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: 93.704 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103904.D

Acq: 24 Mar 2018 2:40

Instrument :

BNA_F

ClientSampleId :

032018-TIDO-F-D-S

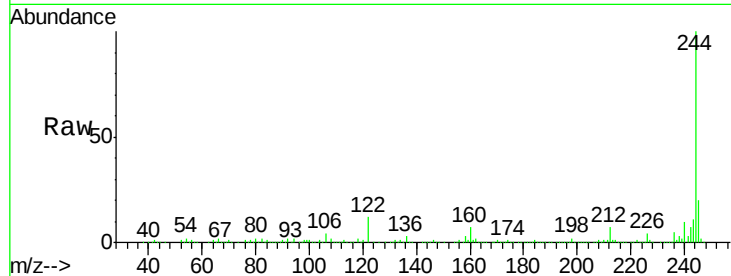
Tot Ion:244 Resp: 999987

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

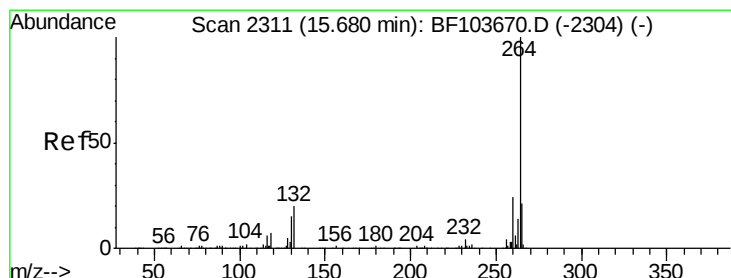
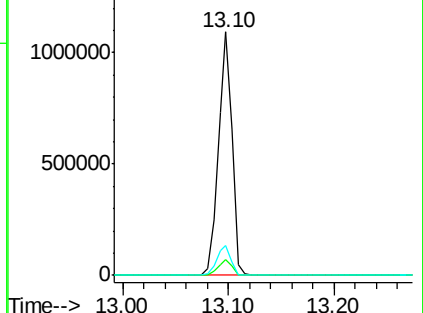
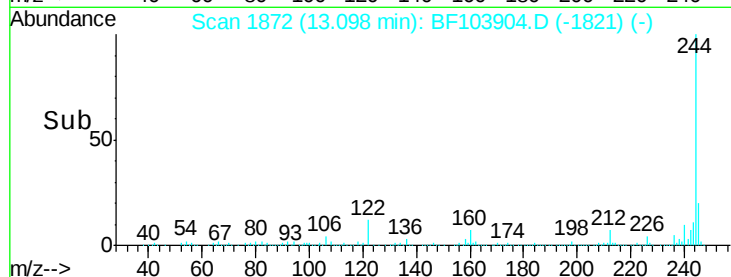
122 12.5 11.0 16.4



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: 15.71 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BF103904.D

Acq: 24 Mar 2018 2:40

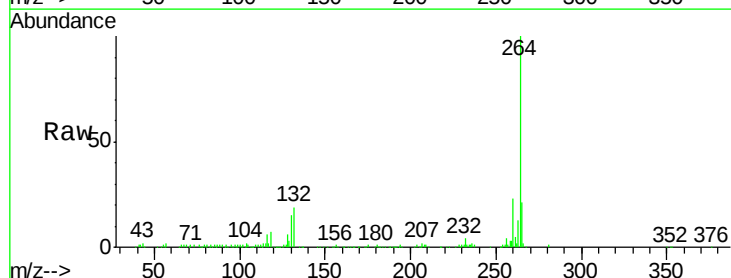
Tgt Ion:264 Resp: 186697

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.9 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

