

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103285.D
 Acq On : 28 Feb 2018 2:02
 Operator : SJ/JU
 Sample : J1690-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Feb 28 04:14:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

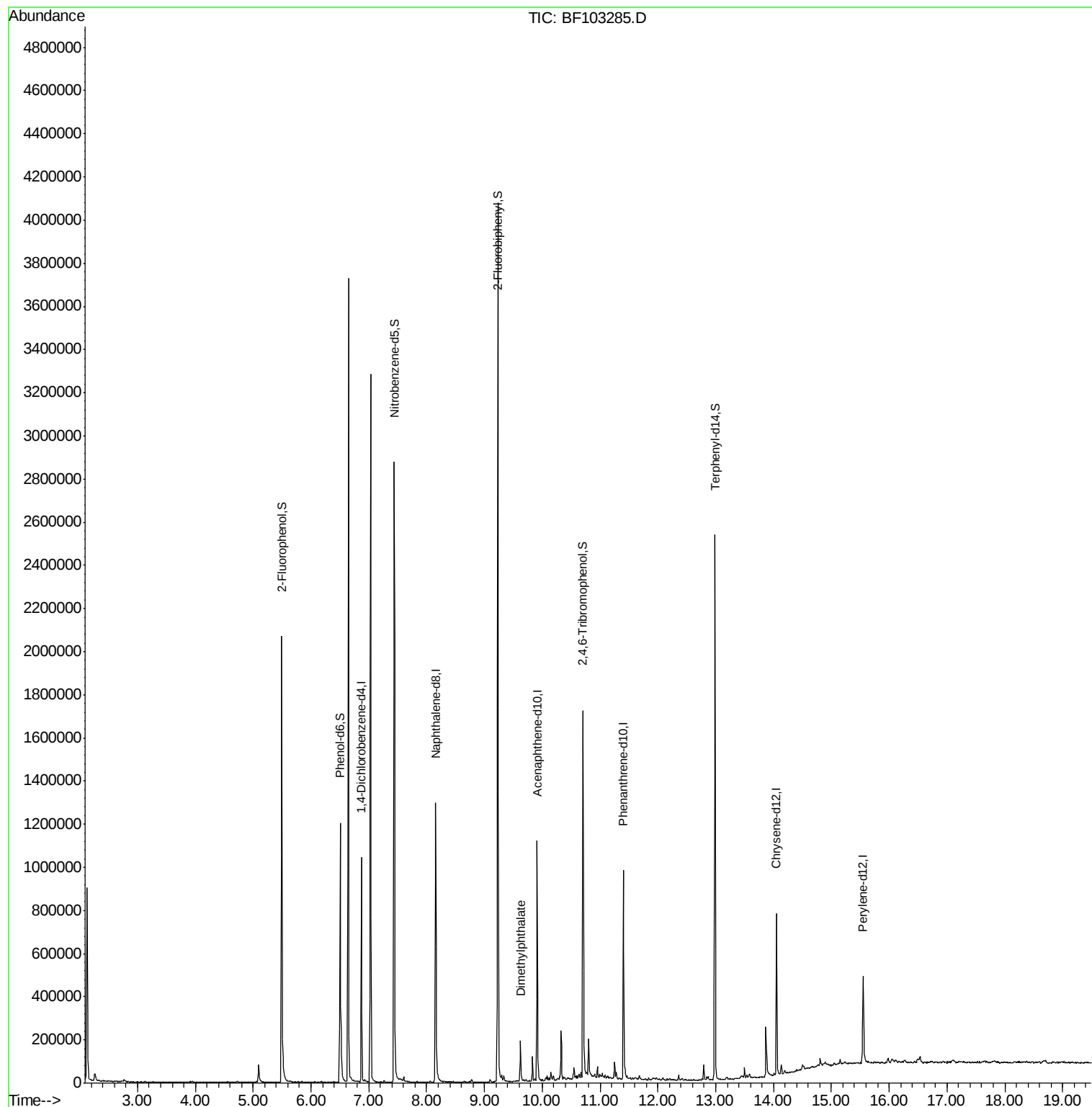
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150482	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	596683	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	232836	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	338047	20.00	ng	0.00
75) Chrysene-d12	14.05	240	254656	20.00	ng	0.00
86) Perylene-d12	15.55	264	193098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	577395	58.03	ng	0.00
7) Phenol-d6	6.50	99	432328	35.51	ng	0.00
23) Nitrobenzene-d5	7.44	82	974773	93.30	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	193044	97.95	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1364706	107.46	ng	0.00
78) Terphenyl-d14	12.99	244	878873	82.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	70336	3.766	ng	Qvalue 98

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

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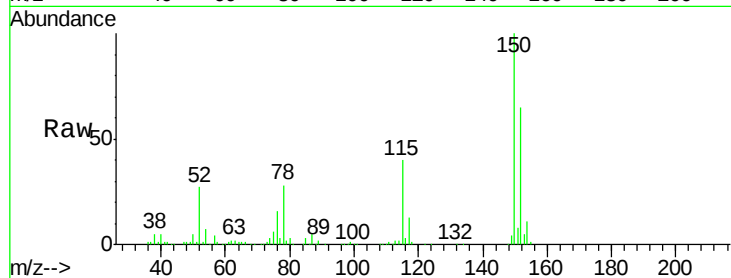


#1

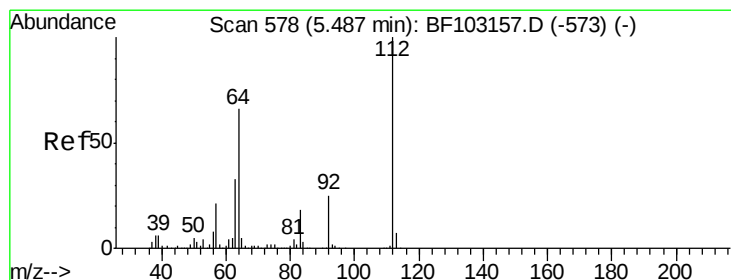
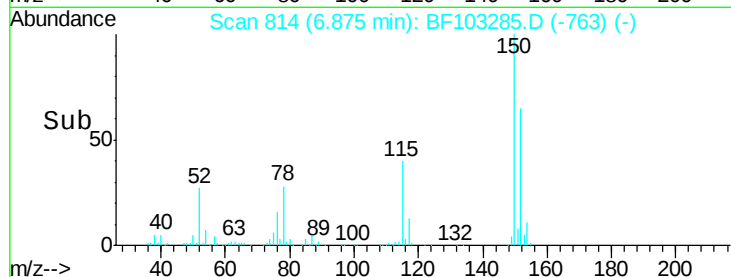
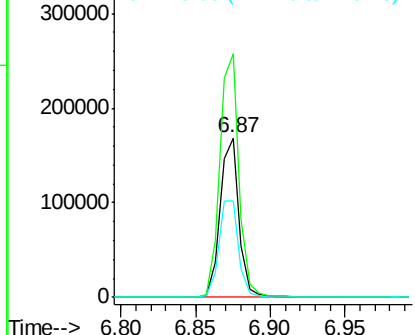
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF103285.D
 Acq: 28 Feb 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	60.7	50.1	75.1



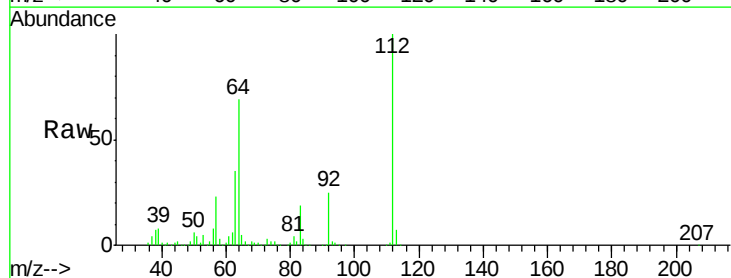
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



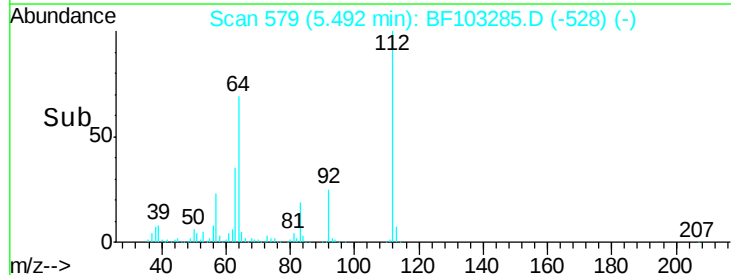
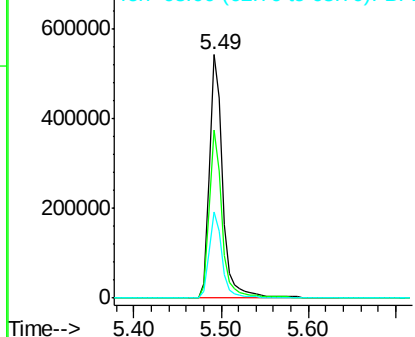
#5

2-Fluorophenol
 Concen: 58.031 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF103285.D
 Acq: 28 Feb 2018 2:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	35.3	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: 35.510 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103285.D

Acq: 28 Feb 2018 2:02

Instrument :

BNA_F

ClientSampled :

DSN001

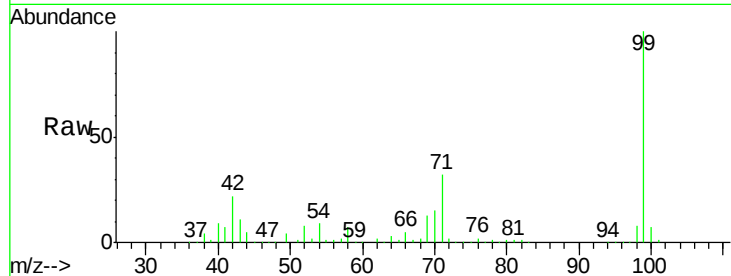
Tot Ion: 99 Resp: 432328

Ion Ratio Lower Upper

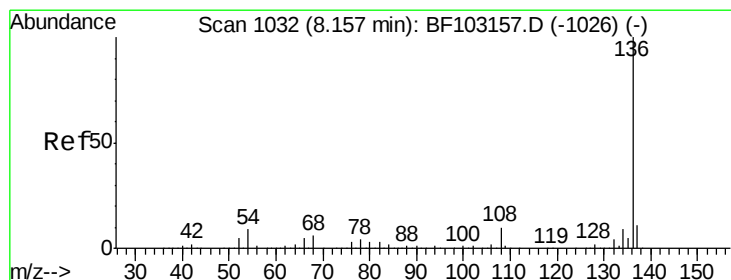
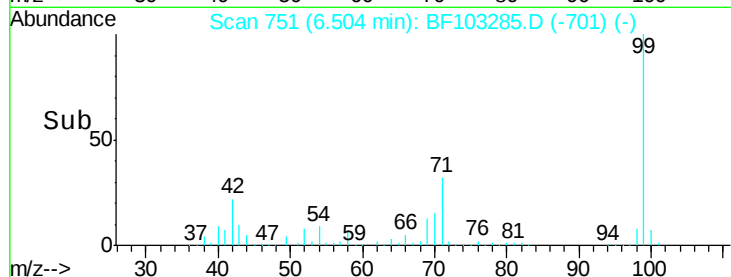
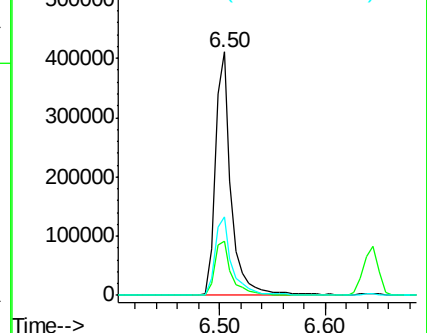
99 100

42 22.3 14.5 21.7#

71 32.0 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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103285.D

Acq: 28 Feb 2018 2:02

Tgt Ion: 136 Resp: 596683

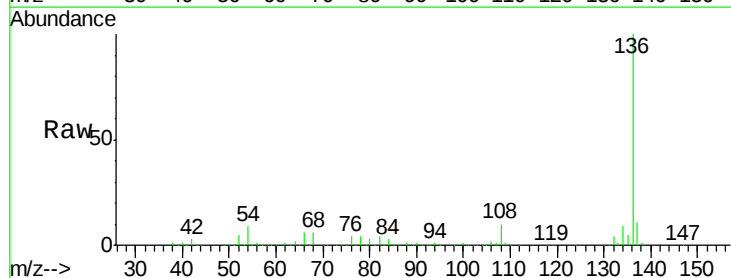
Ion Ratio Lower Upper

136 100

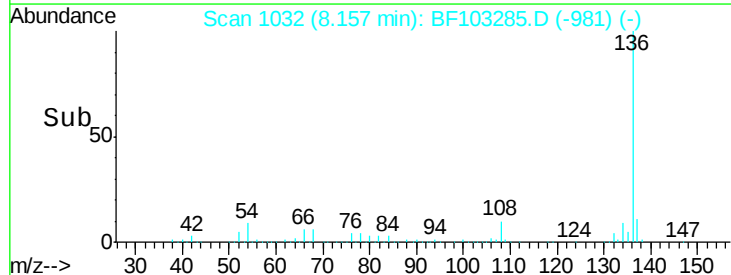
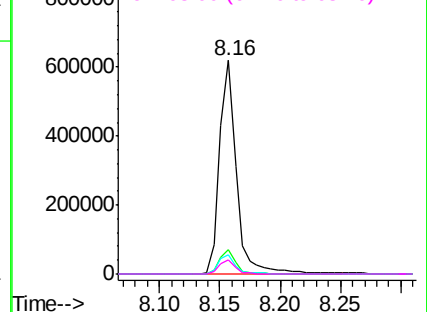
137 11.2 8.9 13.3

54 9.2 6.6 9.8

68 6.5 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

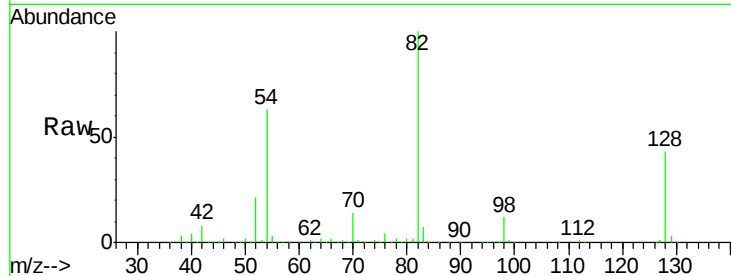




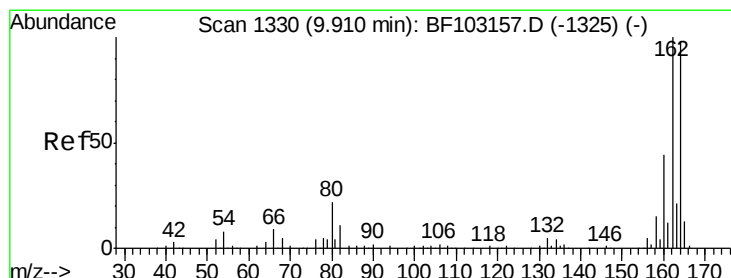
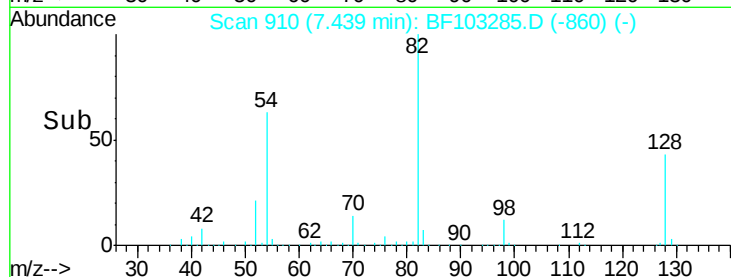
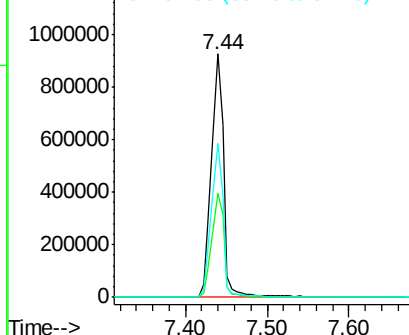
#23
 Nitrobenzene-d5
 Concen: 93.295 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103285.D
 Acq: 28 Feb 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion: 82 Resp: 974773
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 63.3 41.4 62.2#

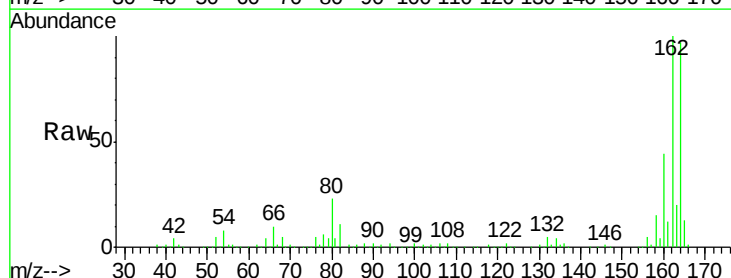


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

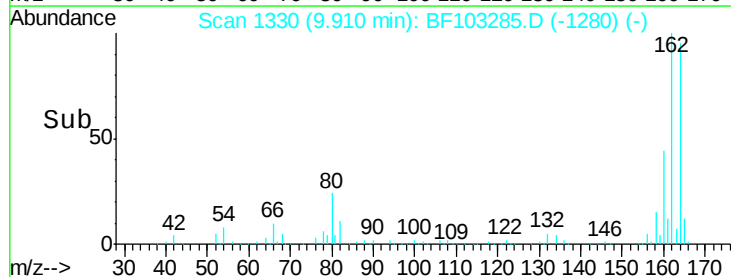
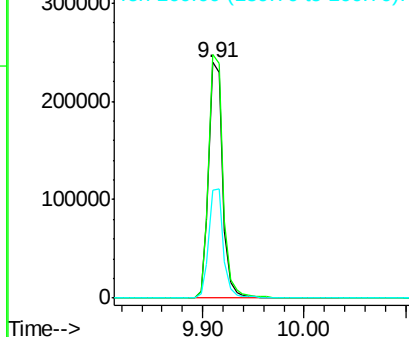


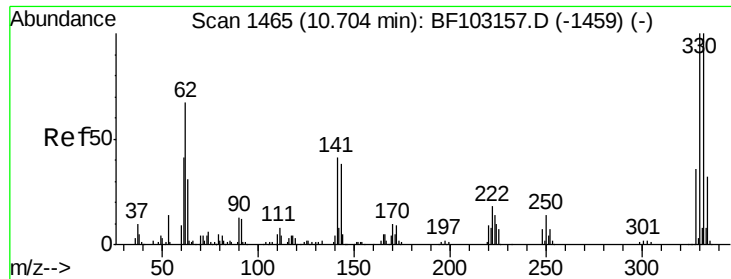
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103285.D
 Acq: 28 Feb 2018 2:02

Tgt Ion: 164 Resp: 232836
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 45.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

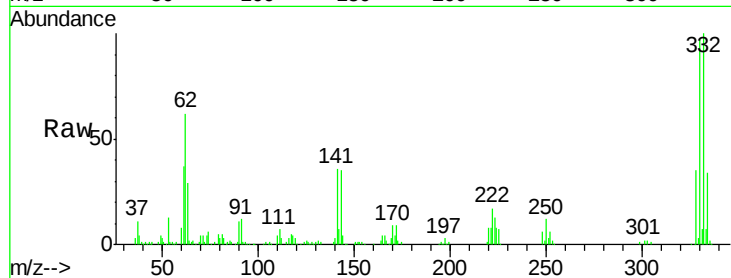




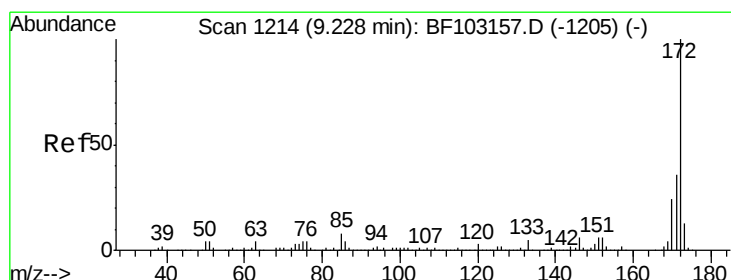
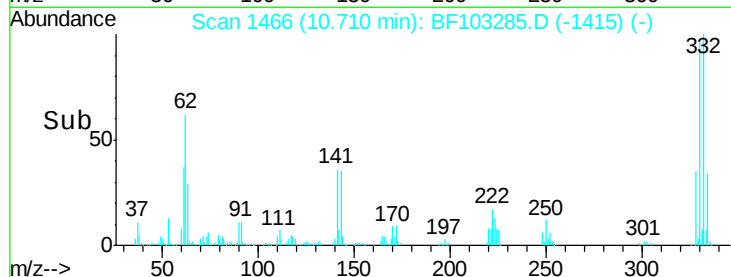
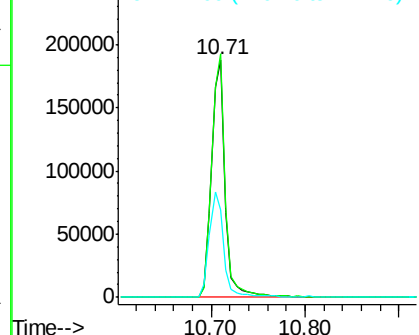
#41
 2,4,6-Tribromophenol
 Concen: 97.951 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103285.D
 Acq: 28 Feb 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:330 Resp: 193044
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.0 115.6
 141 47.0 29.9 44.9#

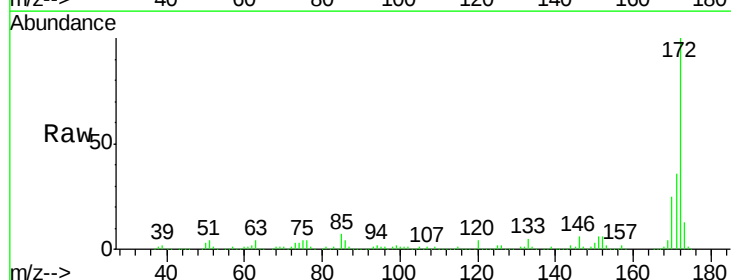


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

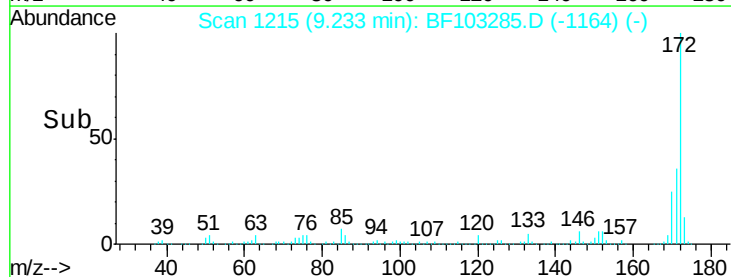
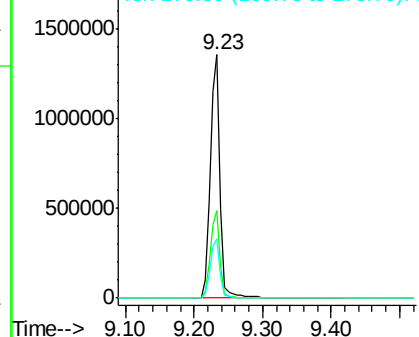


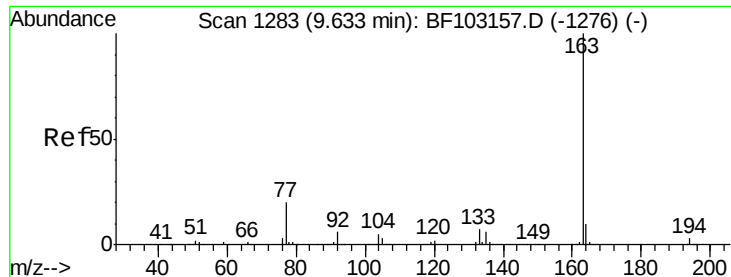
#44
 2-Fluorobiphenyl
 Concen: 107.461 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103285.D
 Acq: 28 Feb 2018 2:02

Tgt Ion:172 Resp: 1364706
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.6 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

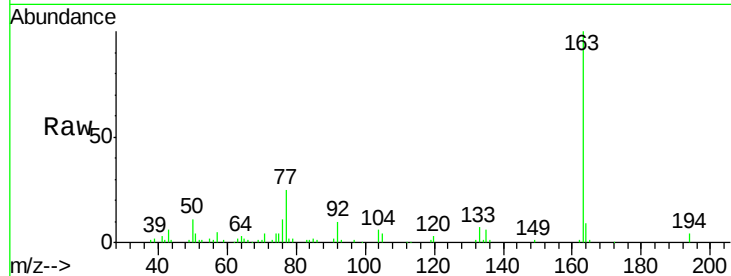




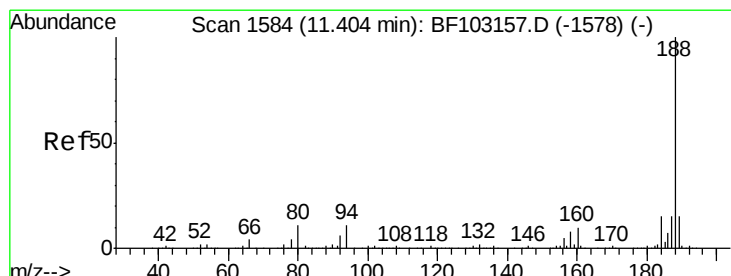
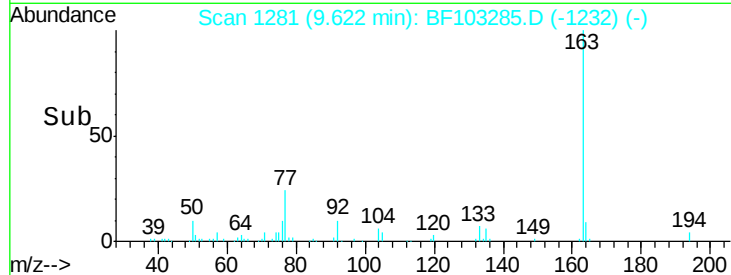
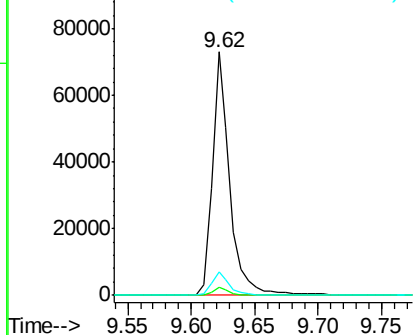
#49
Dimethylphthalate
Concen: 3.766 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103285.D
Acq: 28 Feb 2018 2:02

Instrument :
BNA_F
ClientSampleID :
DSN001

Tot Ion:163 Resp: 70336
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.5 8.2 12.2

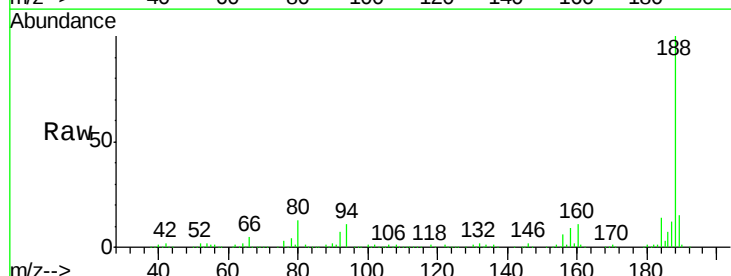


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

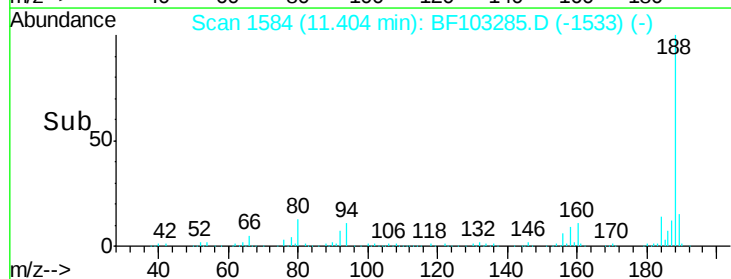
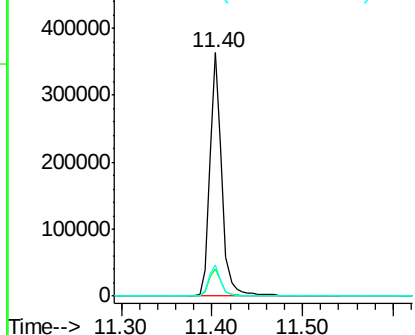


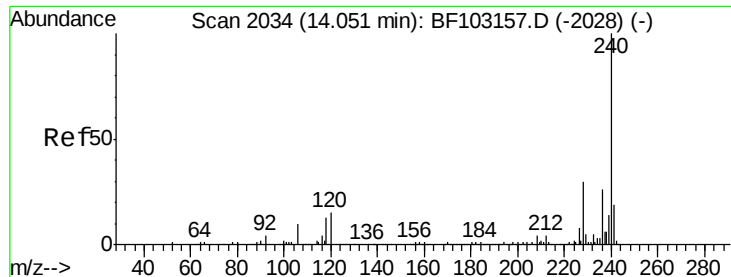
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103285.D
Acq: 28 Feb 2018 2:02

Tgt Ion:188 Resp: 338047
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.8 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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103285.D

Acq: 28 Feb 2018 2:02

Instrument :

BNA_F

ClientSampleId :

DSN001

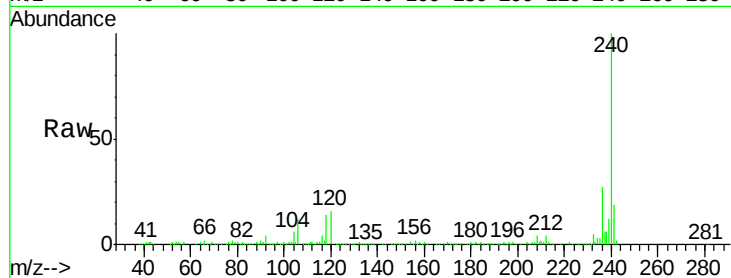
Tot Ion:240 Resp: 254656

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

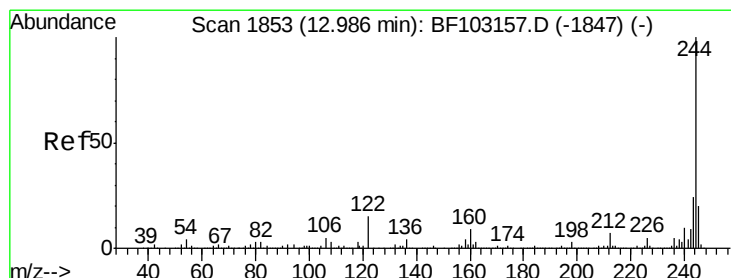
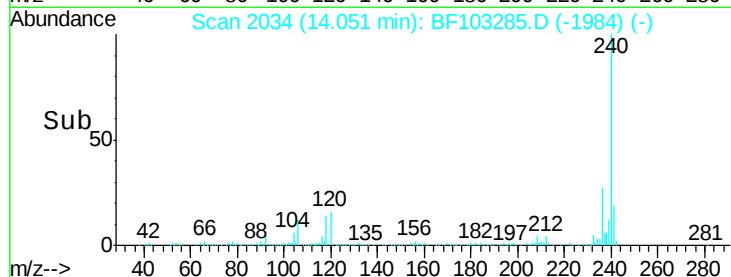
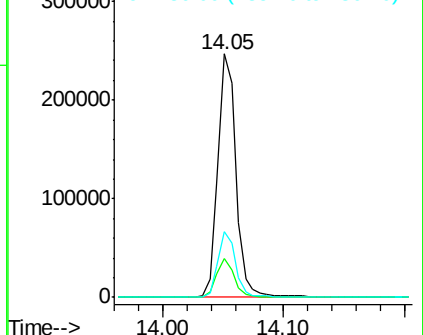
236 27.0 20.7 31.1



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: 82.963 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103285.D

Acq: 28 Feb 2018 2:02

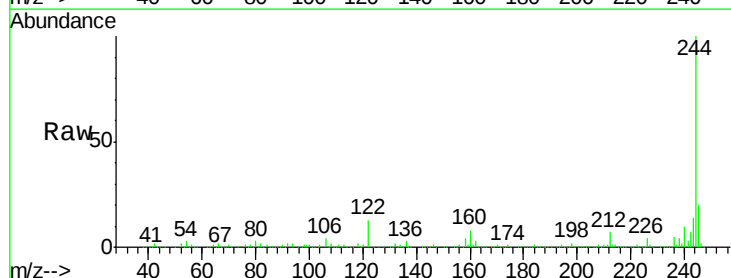
Tgt Ion:244 Resp: 878873

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

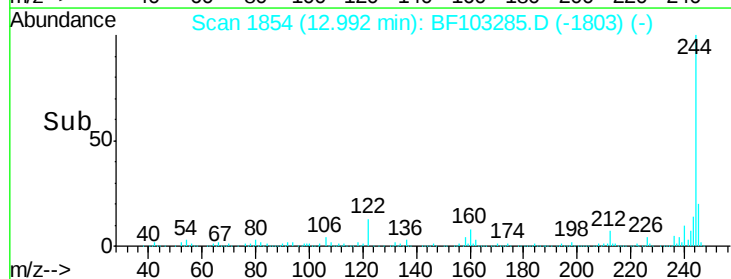
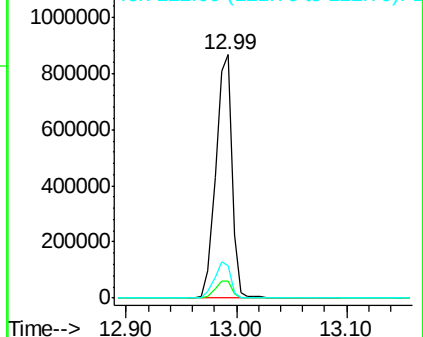
122 13.2 11.0 16.4

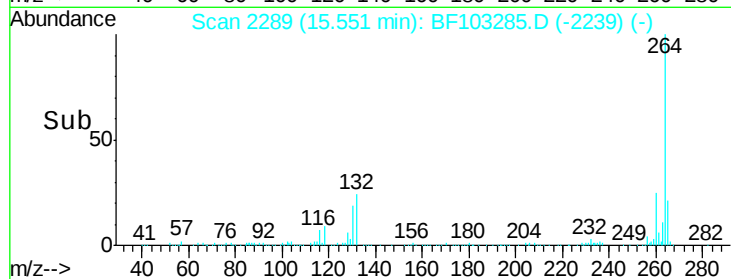
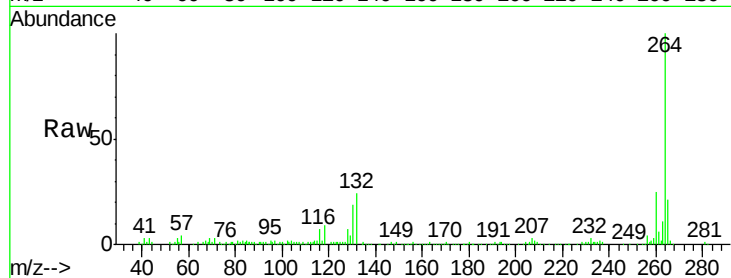
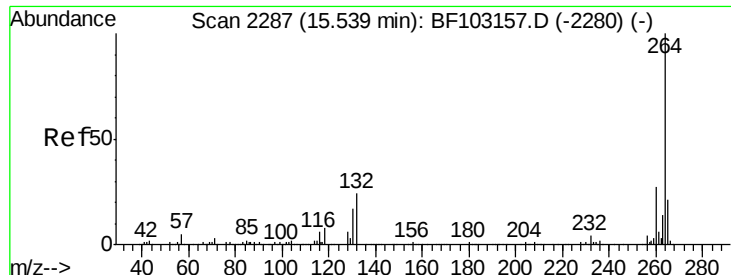


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF103285.D
Acq: 28 Feb 2018 2:02

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	20.9	17.5	26.3

