

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103132.D
 Acq On : 21 Feb 2018 13:24
 Operator : SJ/JU
 Sample : J1404-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-022018

Quant Time: Feb 21 15:25:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

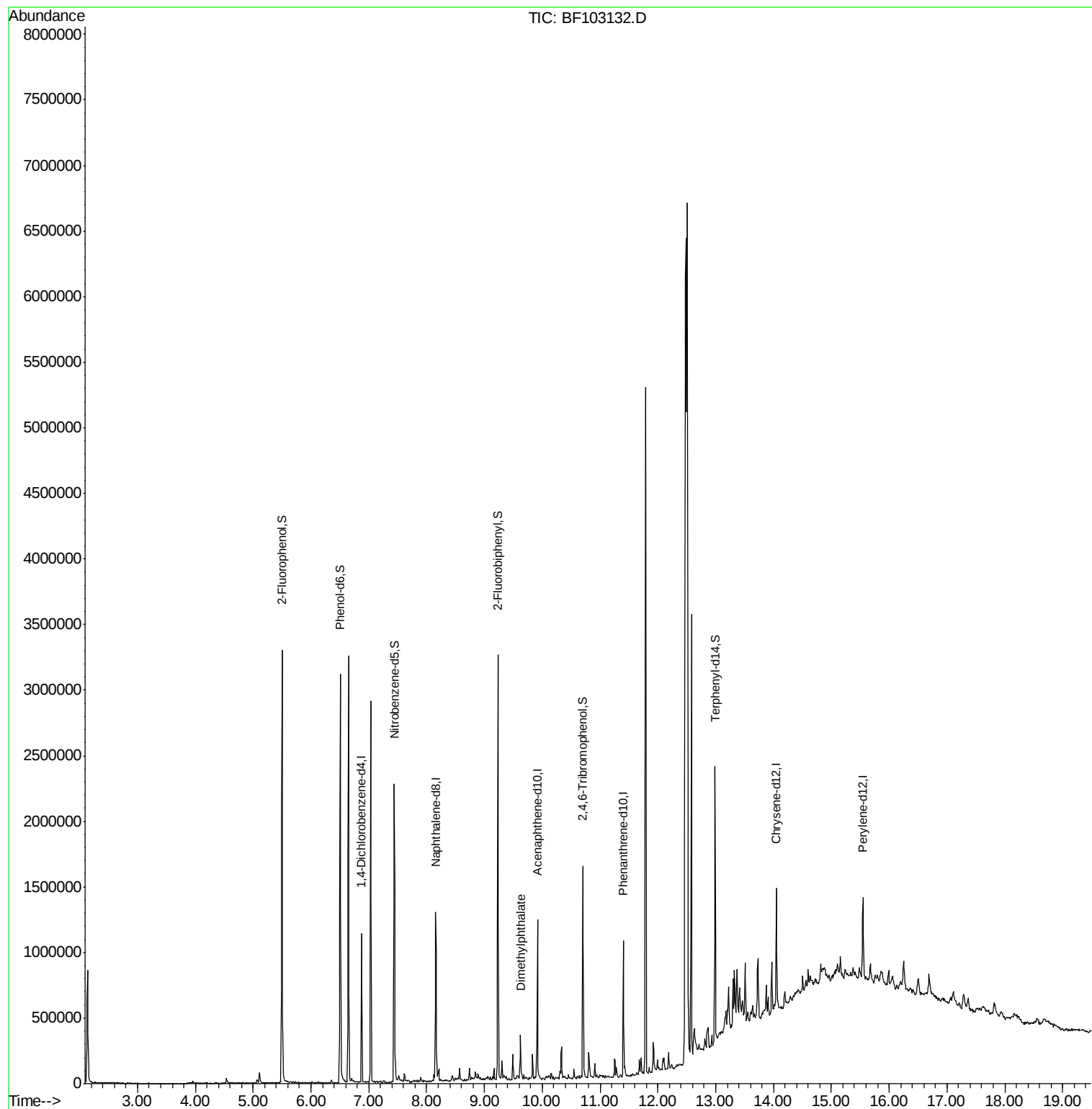
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150259	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	597046	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	229726	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	345207	20.00	ng	0.00
75) Chrysene-d12	14.05	240	294546	20.00	ng	0.00
86) Perylene-d12	15.54	264	261473	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	979286	98.98	ng	0.00
7) Phenol-d6	6.51	99	1137205	95.46	ng	0.00
23) Nitrobenzene-d5	7.44	82	736810	85.61	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	177273	95.87	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1029607	74.37	ng	0.00
78) Terphenyl-d14	12.99	244	735422	59.12	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	83154	4.642	ng	99

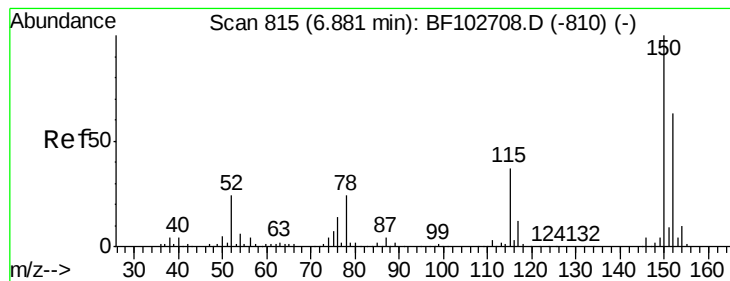
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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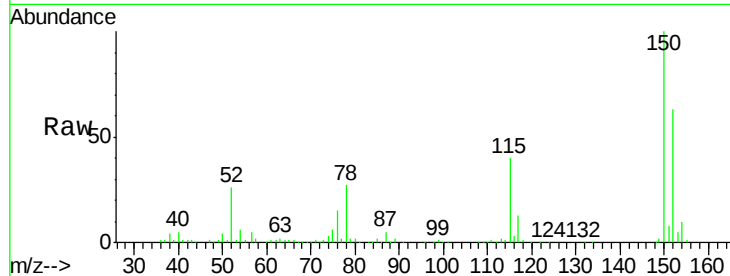


#1

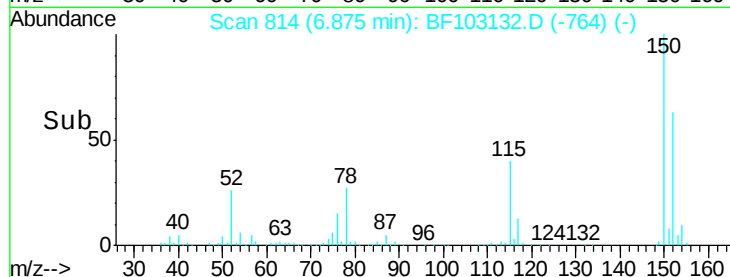
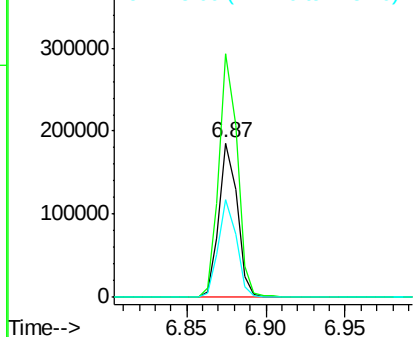
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103132.D
Acq: 21 Feb 2018 13:24

Instrument :
BNA_F
ClientSampleId :
TR-05-022018

Tot Ion:152 Resp: 150259
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 63.5 50.1 75.1



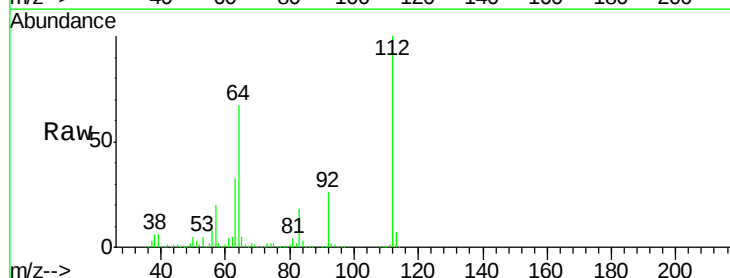
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



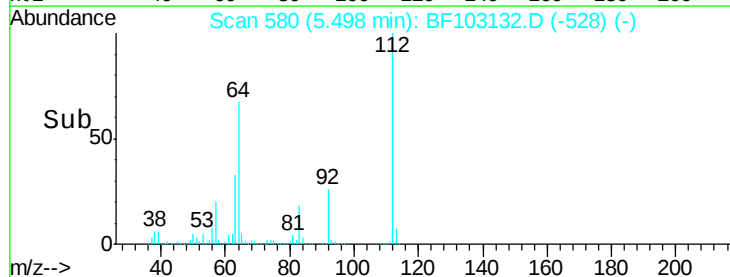
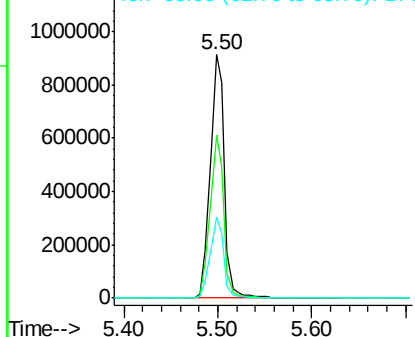
#5

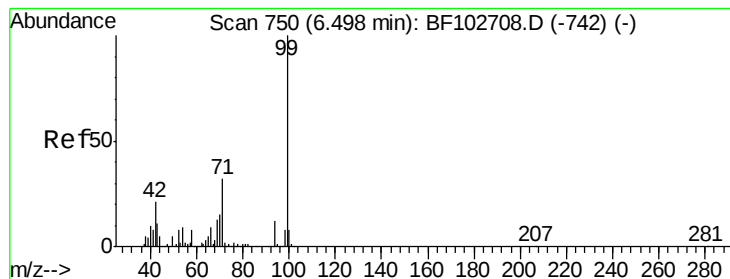
2-Fluorophenol
Concen: 98.976 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103132.D
Acq: 21 Feb 2018 13:24

Tgt Ion:112 Resp: 979286
Ion Ratio Lower Upper
112 100
64 66.7 47.9 71.9
63 33.4 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: 95.457 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103132.D

Acq: 21 Feb 2018 13:24

Instrument :

BNA_F

ClientSampleId :

TR-05-022018

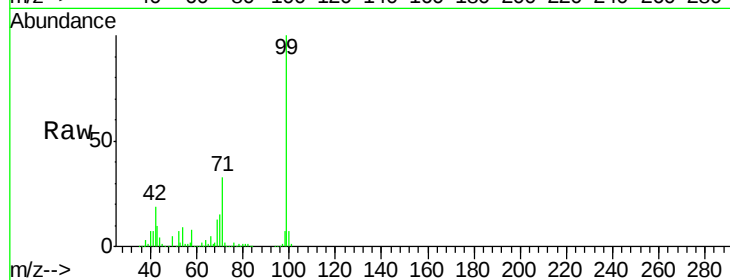
Tot Ion: 99 Resp: 1137205

Ion Ratio Lower Upper

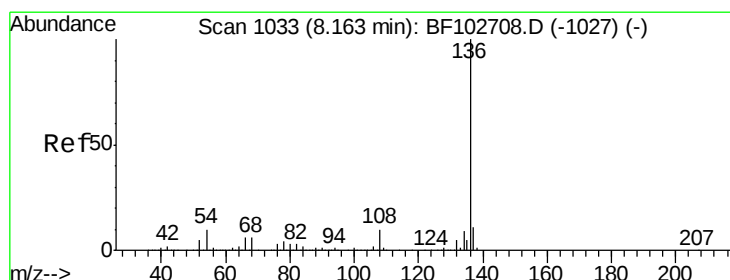
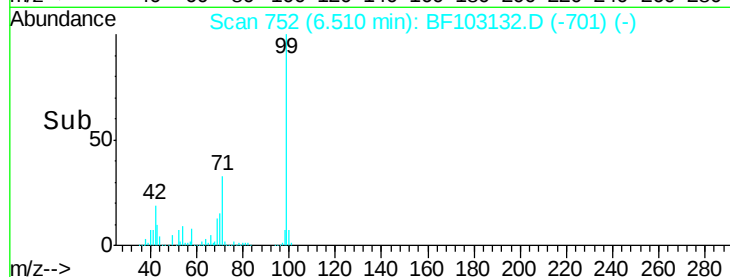
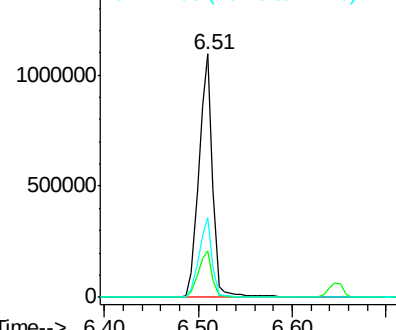
99 100

42 19.0 14.5 21.7

71 32.6 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. -0.01 min

Lab File: BF103132.D

Acq: 21 Feb 2018 13:24

Tgt Ion: 136 Resp: 597046

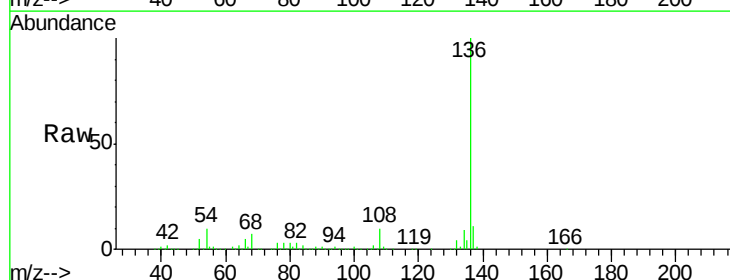
Ion Ratio Lower Upper

136 100

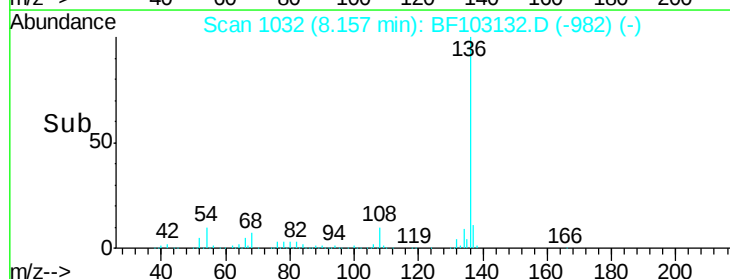
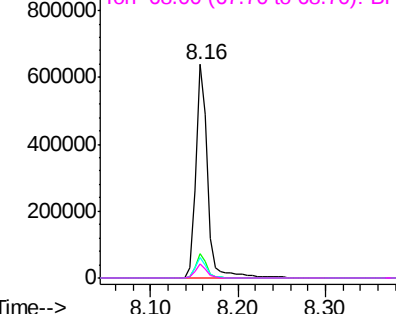
137 11.3 8.9 13.3

54 9.8 6.6 9.8

68 6.6 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

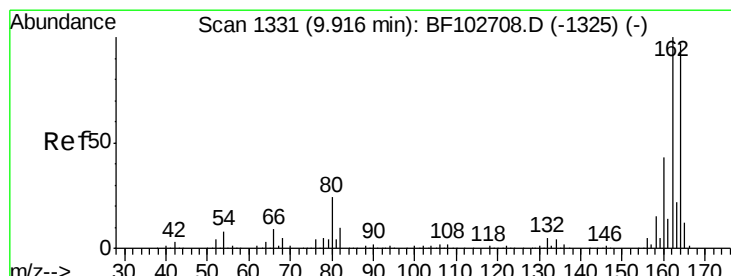
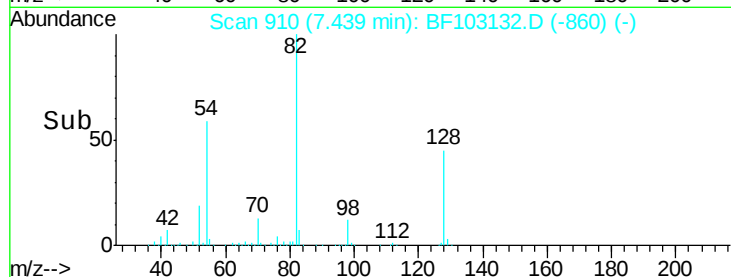
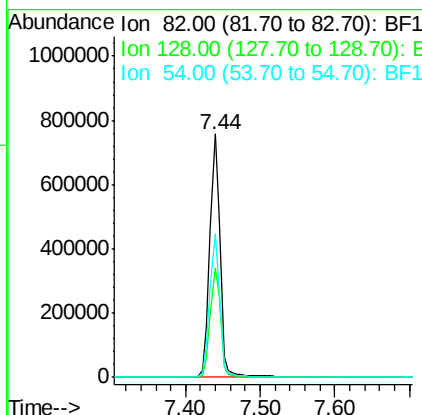
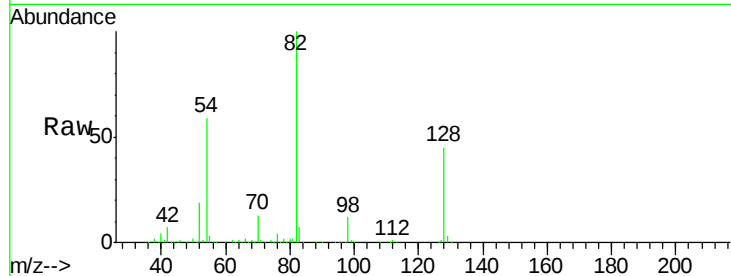




#23
 Nitrobenzene-d5
 Concen: 85.610 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103132.D
 Acq: 21 Feb 2018 13:24

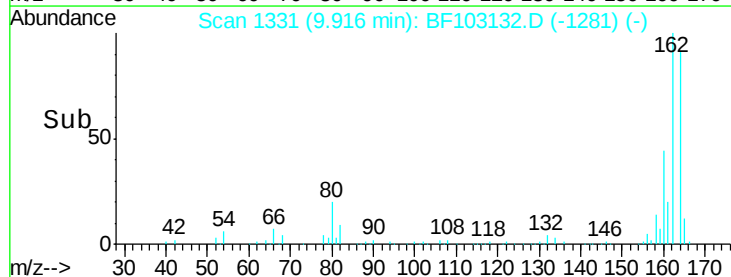
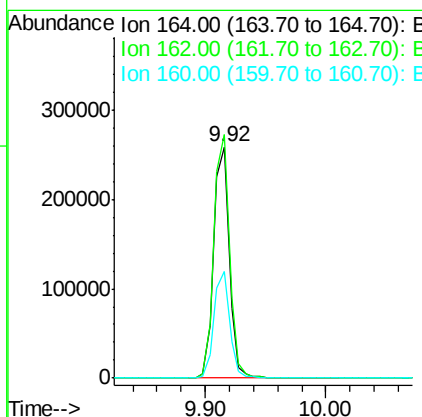
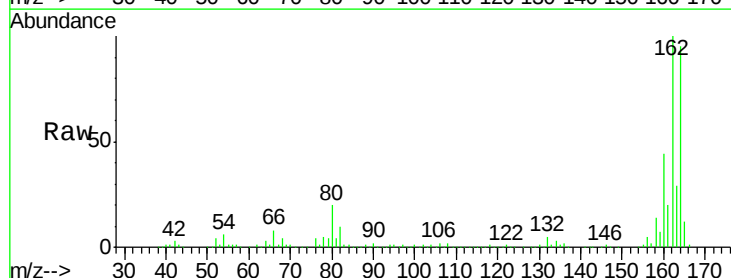
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-022018

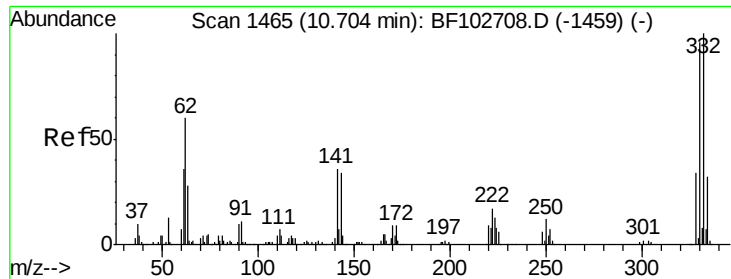
Tot Ion: 82 Resp: 736810
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 58.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103132.D
 Acq: 21 Feb 2018 13:24

Tgt Ion: 164 Resp: 229726
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 46.2 38.3 57.5

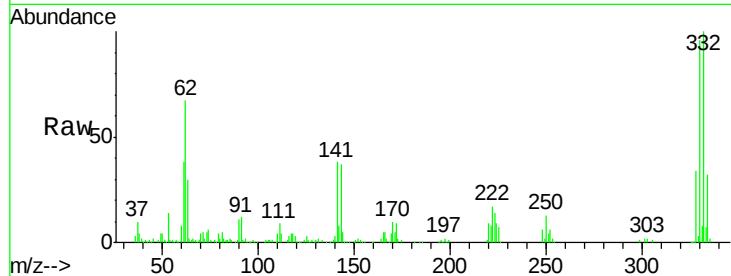




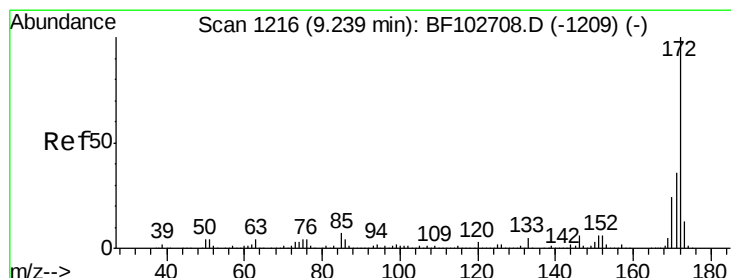
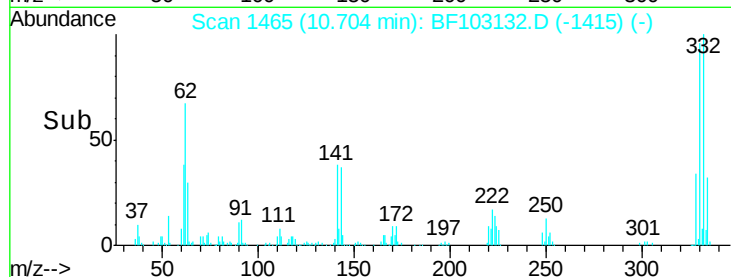
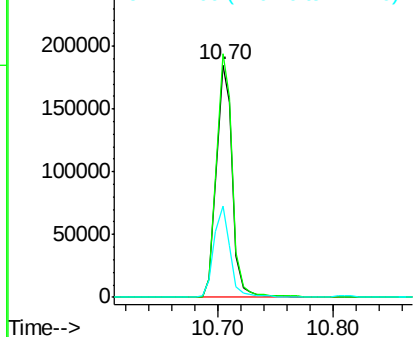
#41
 2,4,6-Tribromophenol
 Concen: 95.874 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103132.D
 Acq: 21 Feb 2018 13:24

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-022018

Tot Ion:330 Resp: 177273
 Ion Ratio Lower Upper
 330 100
 332 104.5 77.0 115.6
 141 40.3 29.9 44.9

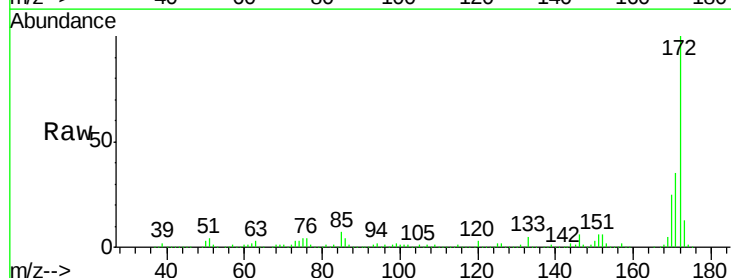


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

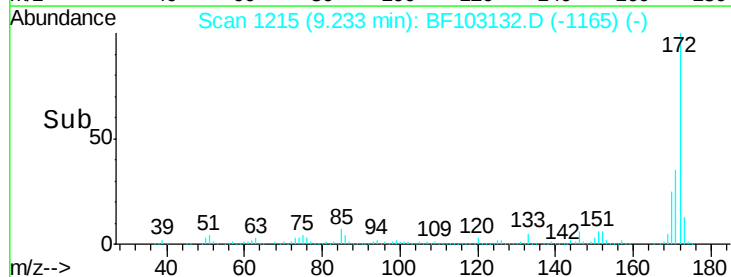
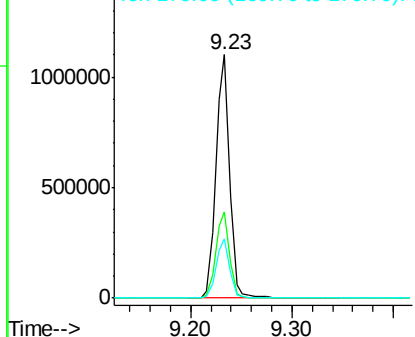


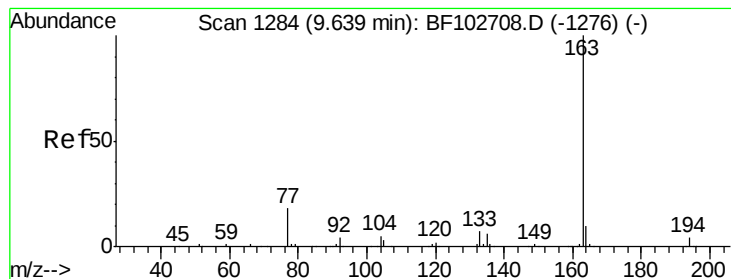
#44
 2-Fluorobiphenyl
 Concen: 74.370 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103132.D
 Acq: 21 Feb 2018 13:24

Tgt Ion:172 Resp: 1029607
 Ion Ratio Lower Upper
 172 100
 171 35.3 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: 4.642 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103132.D

Acq: 21 Feb 2018 13:24

Instrument :

BNA_F

ClientSampleId :

TR-05-022018

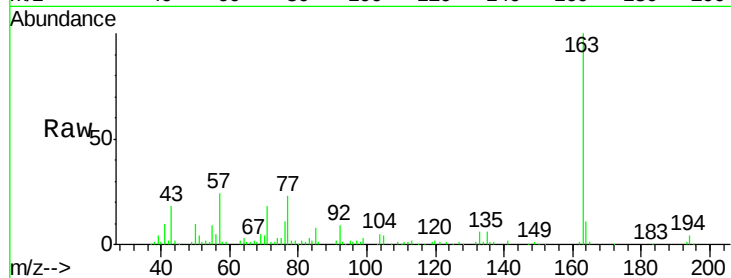
Tot Ion:163 Resp: 83154

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

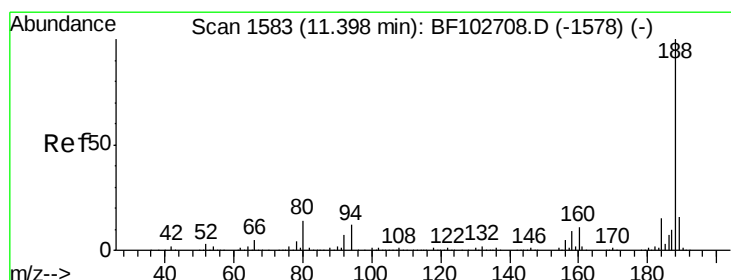
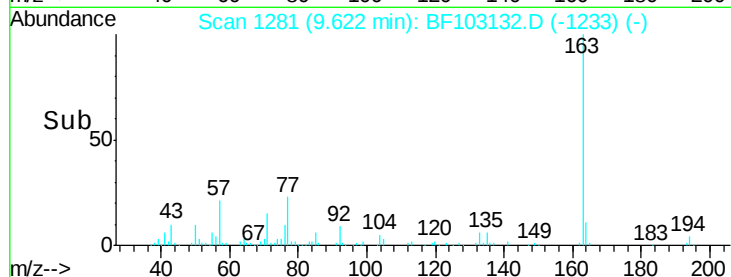
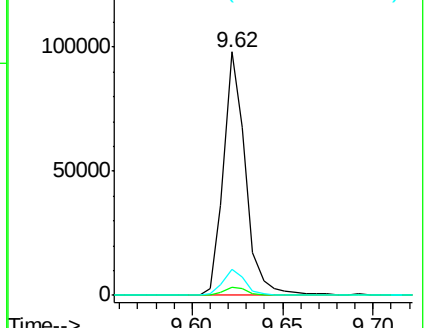
164 10.7 8.2 12.2



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. -0.01 min

Lab File: BF103132.D

Acq: 21 Feb 2018 13:24

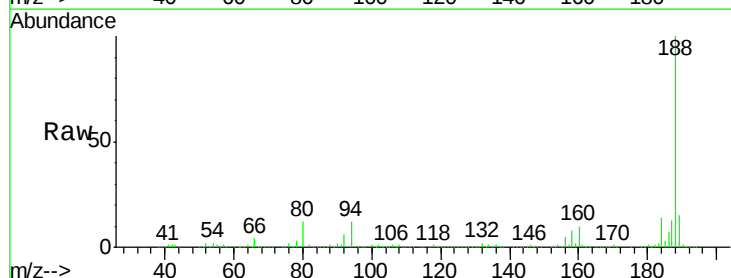
Tgt Ion:188 Resp: 345207

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

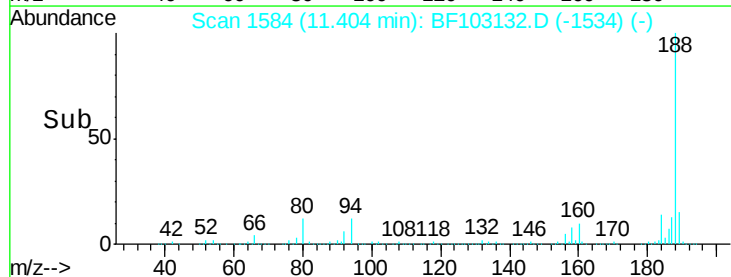
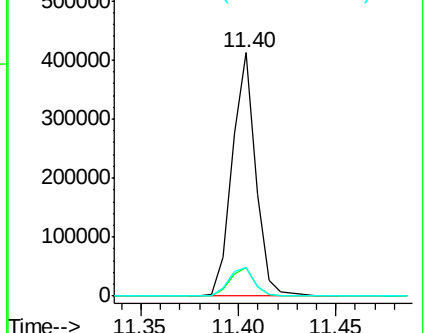
80 11.7 9.2 13.8

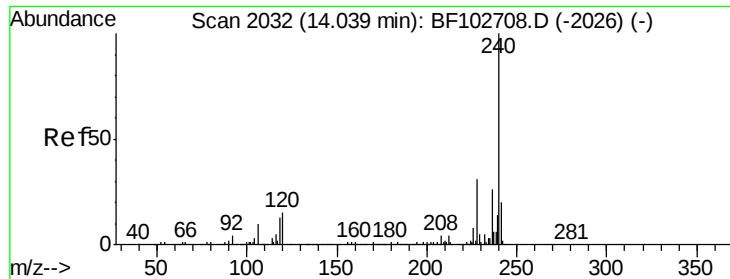


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103132.D

Acq: 21 Feb 2018 13:24

Instrument :

BNA_F

ClientSampleId :

TR-05-022018

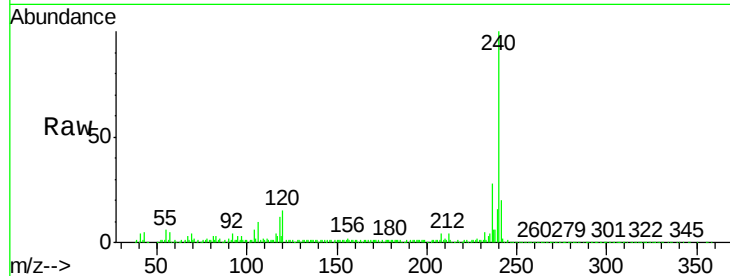
Tot Ion:240 Resp: 294546

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

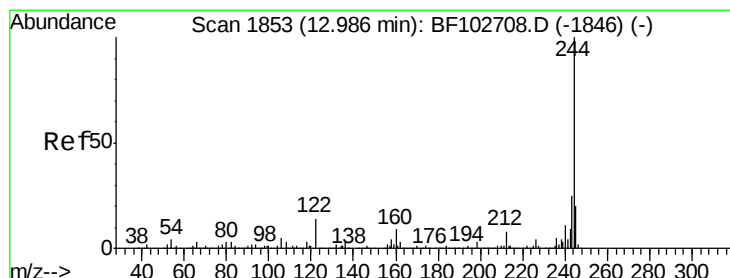
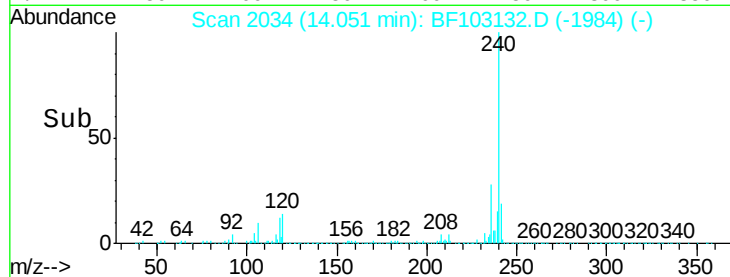
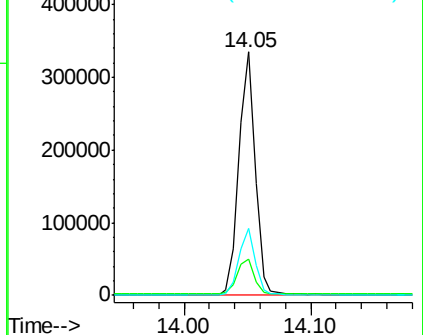
236 27.7 20.7 31.1



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: 59.119 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103132.D

Acq: 21 Feb 2018 13:24

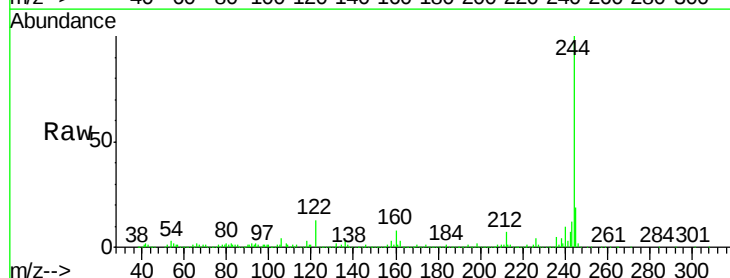
Tgt Ion:244 Resp: 735422

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

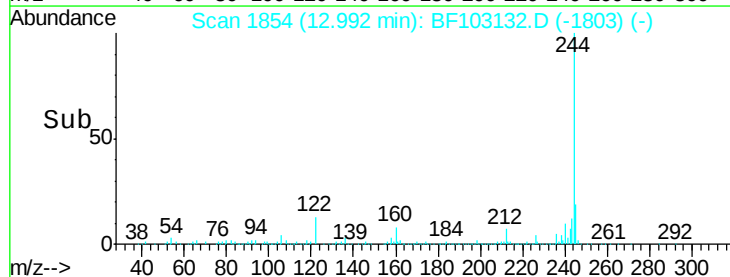
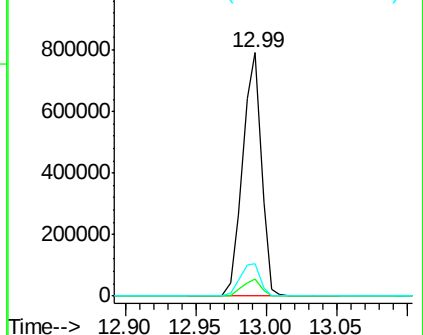
122 13.5 11.0 16.4

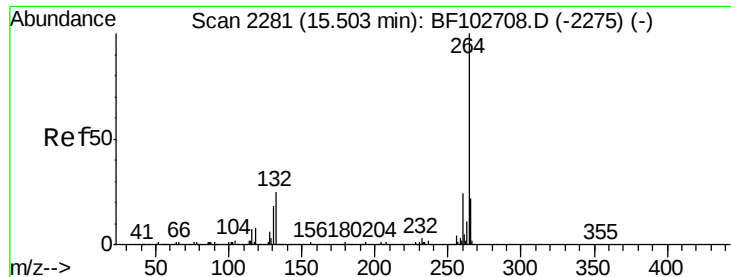


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

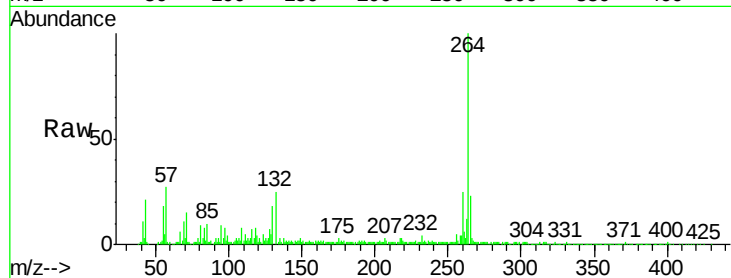




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF103132.D
Acq: 21 Feb 2018 13:24

Instrument :
BNA_F
ClientSampleId :
TR-05-022018

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	22.7	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

