

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103097.D
 Acq On : 19 Feb 2018 22:43
 Operator : SJ/JU
 Sample : J1601-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2

Quant Time: Feb 20 06:44:27 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

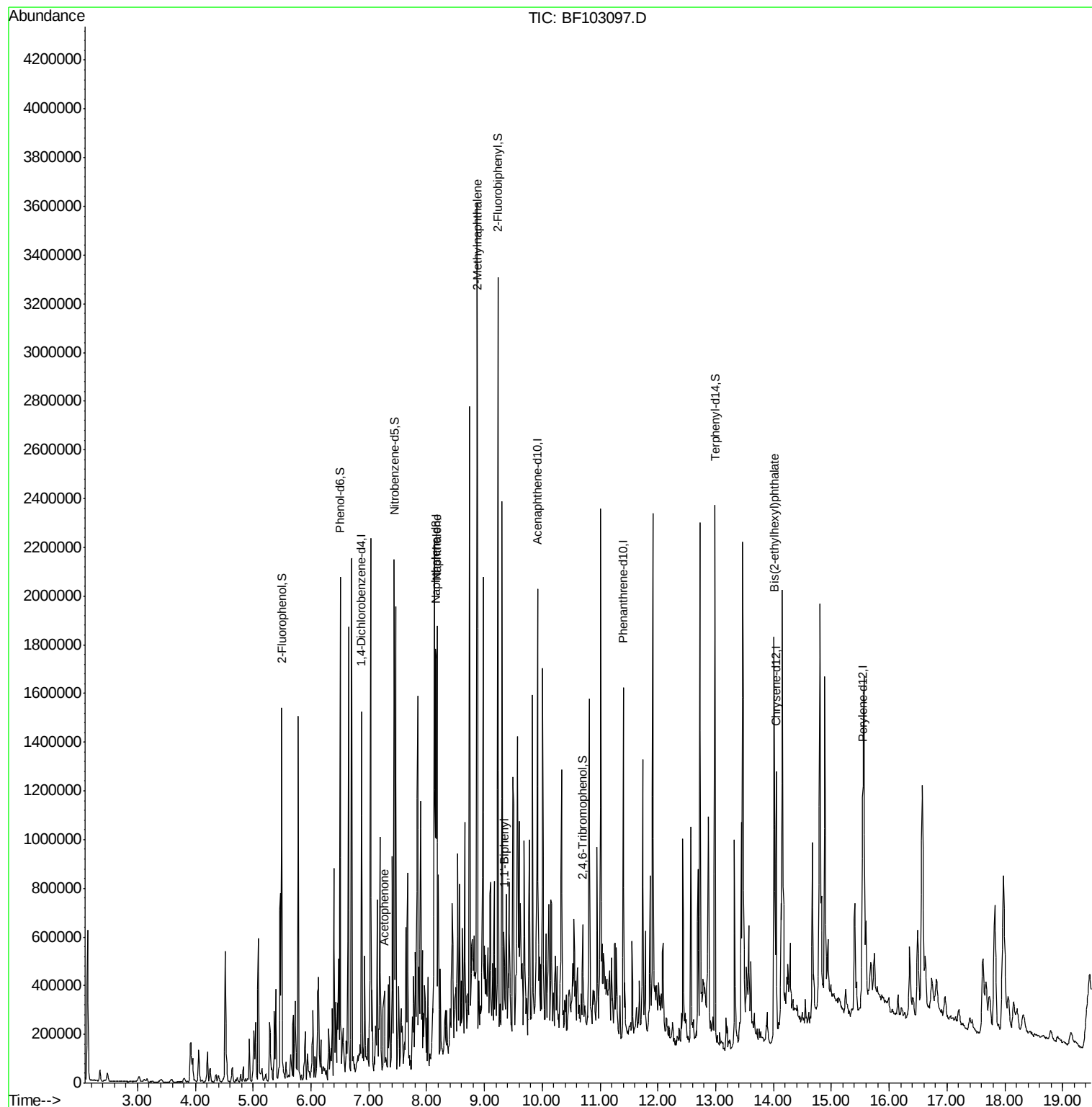
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	175568	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	719442	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	315611	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	488733	20.00	ng	0.00
75) Chrysene-d12	14.04	240	312010	20.00	ng	-0.01
86) Perylene-d12	15.54	264	328890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	383353	33.16	ng	0.00
7) Phenol-d6	6.50	99	703776	50.56	ng	0.00
23) Nitrobenzene-d5	7.44	82	553950	53.41	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	42542	16.75	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	968681	50.93	ng	0.00
78) Terphenyl-d14	12.99	244	709645	53.85	ng	0.00
Target Compounds						
22) Acetophenone	7.26	105	56784	3.225	ng	Qvalue # 60
31) Naphthalene	8.18	128	535616	15.238	ng	99
37) 2-Methylnaphthalene	8.87	142	923606	40.133	ng	99
45) 1,1'-Biphenyl	9.33	154	89359	3.362	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	397170	26.499	ng	# 99

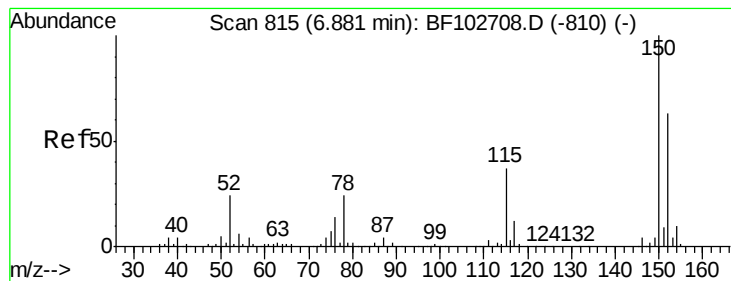
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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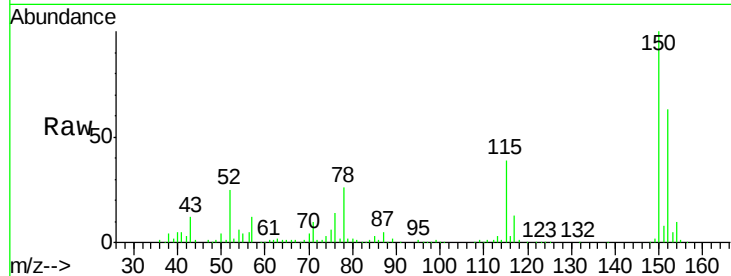


#1

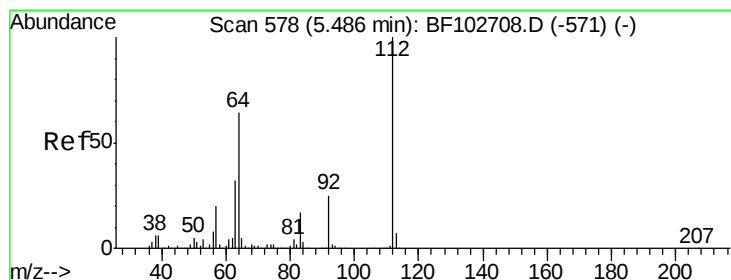
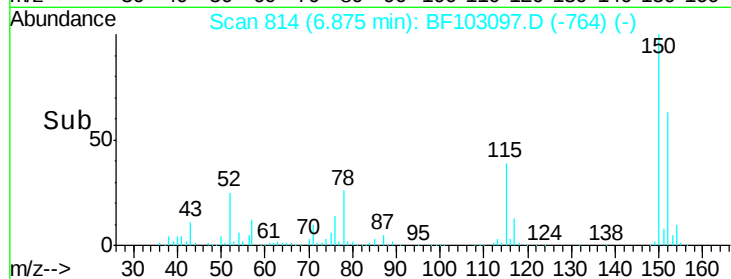
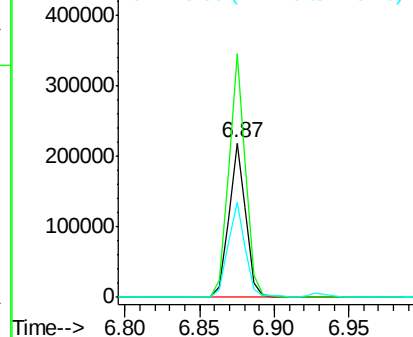
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103097.D
Acq: 19 Feb 2018 22:43

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion:152 Resp: 175568
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 61.6 50.1 75.1



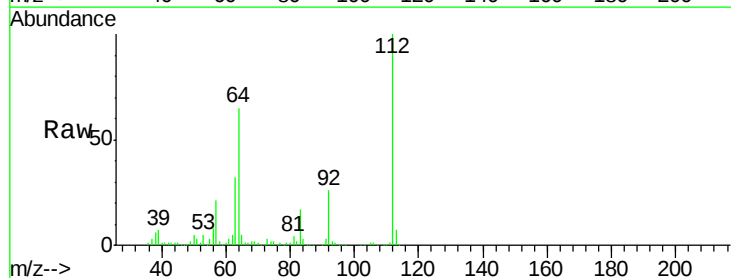
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



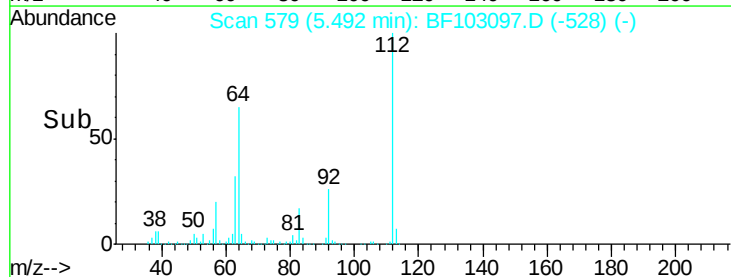
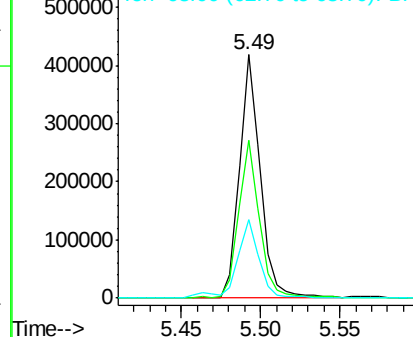
#5

2-Fluorophenol
Concen: 33.160 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103097.D
Acq: 19 Feb 2018 22:43

Tgt Ion:112 Resp: 383353
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 32.4 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: 50.559 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103097.D

Acq: 19 Feb 2018 22:43

Instrument :

BNA_F

ClientSampleId :

DRUM-2

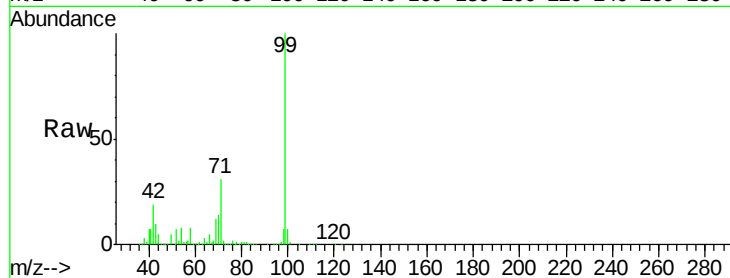
Tgt Ion: 99 Resp: 703776

Ion Ratio Lower Upper

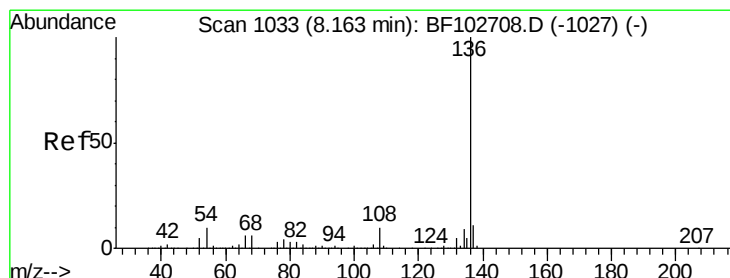
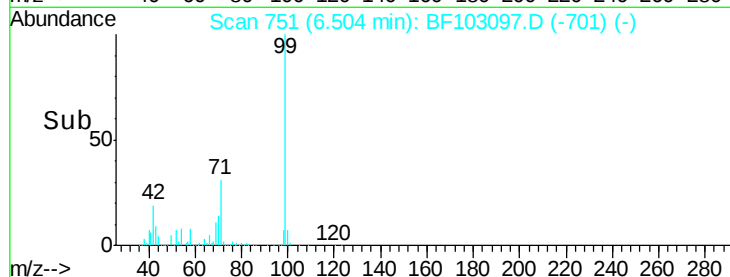
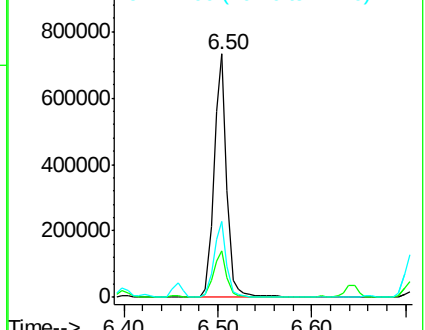
99 100

42 18.9 14.5 21.7

71 31.2 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: BF103097.D

Acq: 19 Feb 2018 22:43

Tgt Ion: 136 Resp: 719442

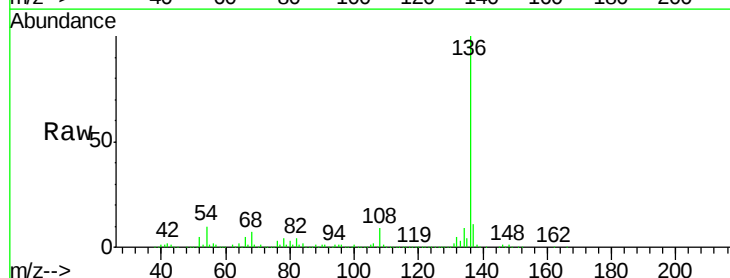
Ion Ratio Lower Upper

136 100

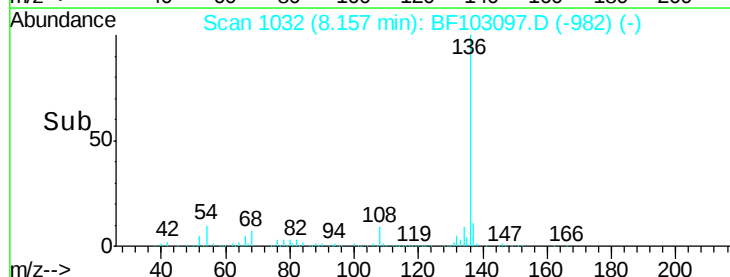
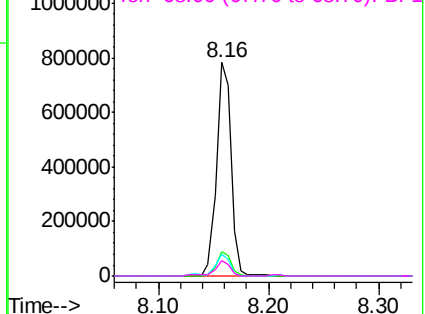
137 11.3 8.9 13.3

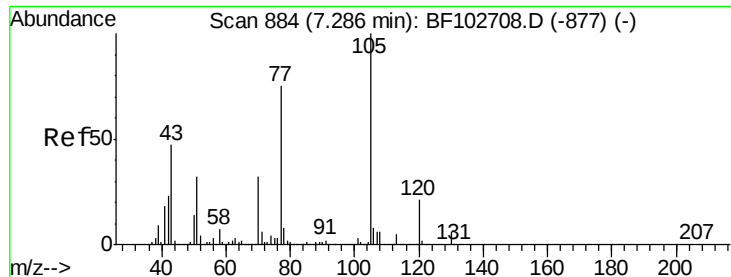
54 10.0 6.6 9.8#

68 7.0 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

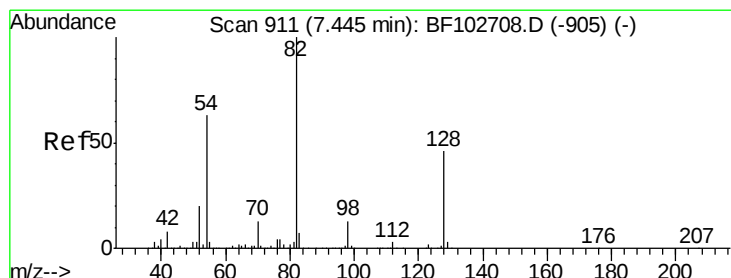
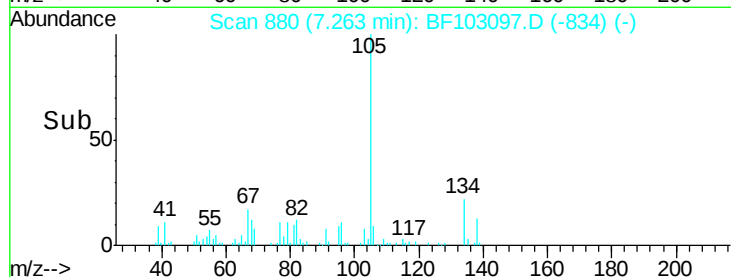
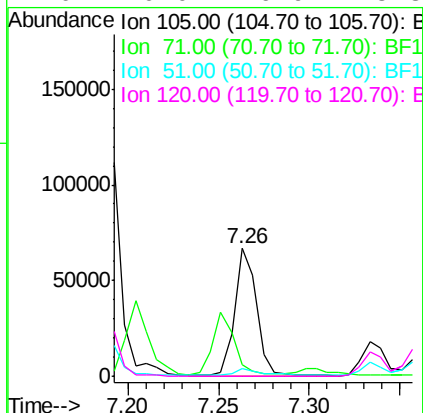
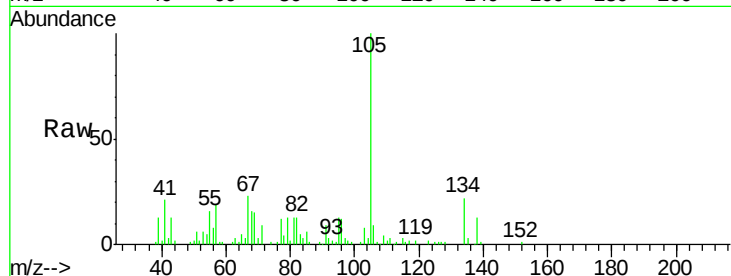




#22
Acetophenone
Concen: 3.225 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.03 min
Lab File: BF103097.D
Acq: 19 Feb 2018 22:43

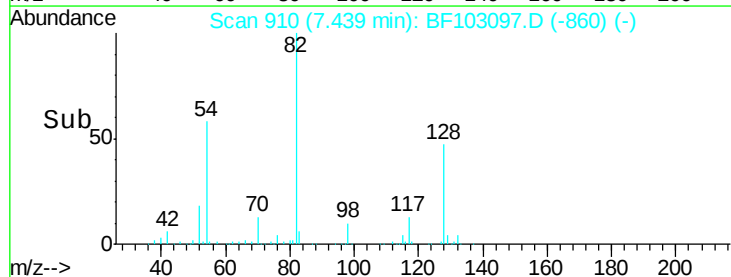
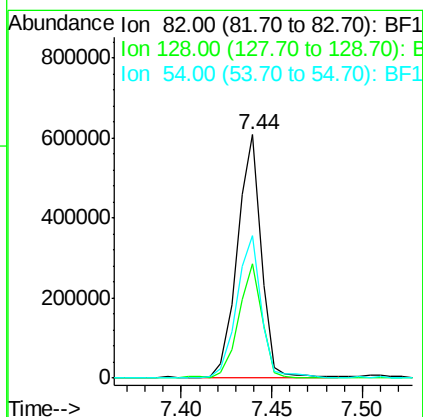
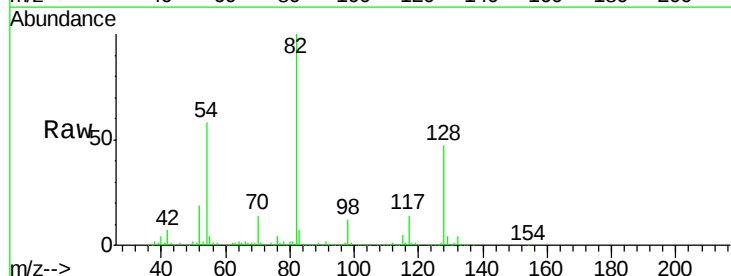
Instrument :
BNA_F
ClientSampleId :
DRUM-2

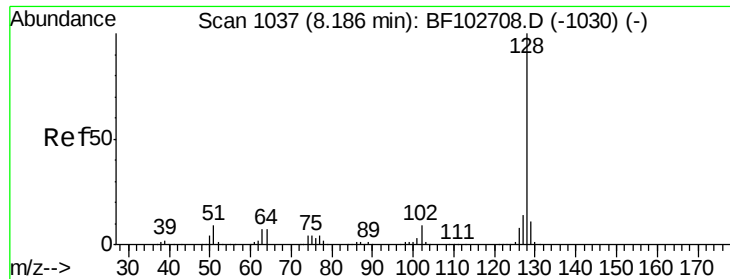
Tgt Ion: 105 Resp: 56784
Ion Ratio Lower Upper
105 100
71 9.2 4.4 6.6#
51 5.6 22.3 33.5#
120 0.0 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 53.413 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103097.D
Acq: 19 Feb 2018 22:43

Tgt Ion: 82 Resp: 553950
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 58.3 41.4 62.2

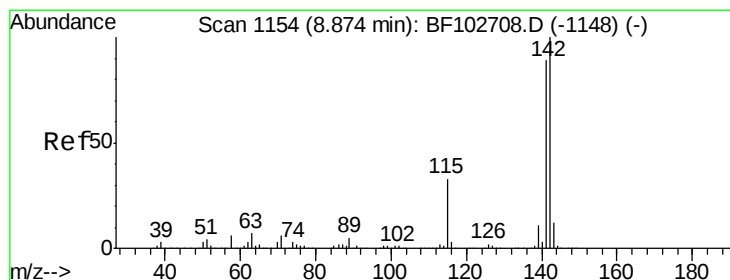
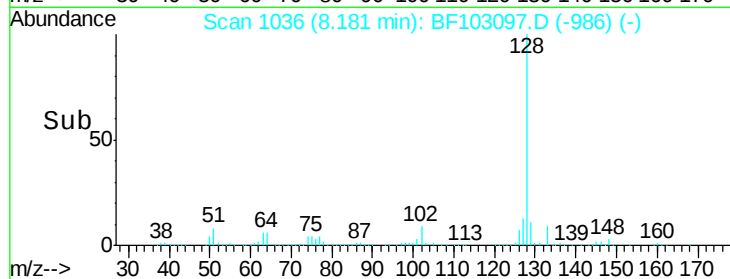
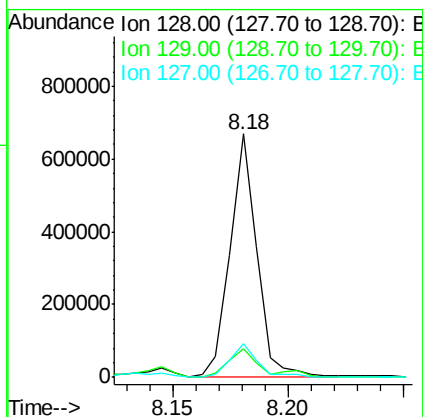
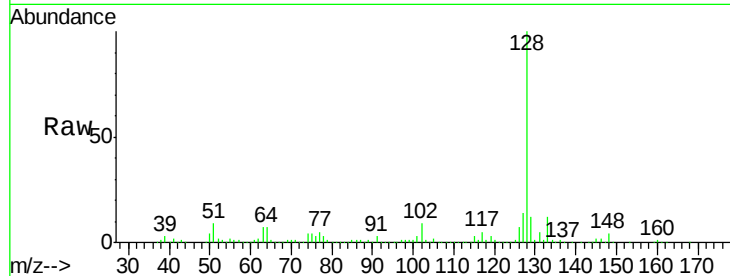




#31
Naphthalene
Concen: 15.238 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103097.D
Acq: 19 Feb 2018 22:43

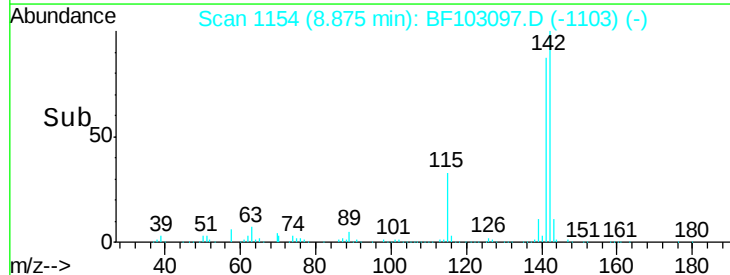
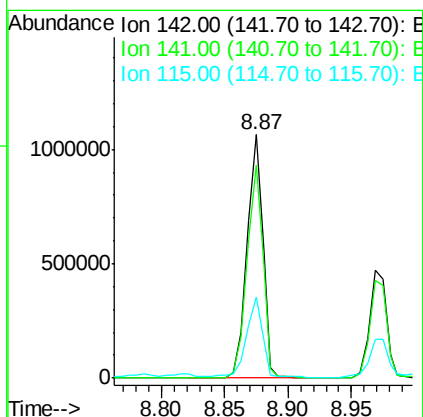
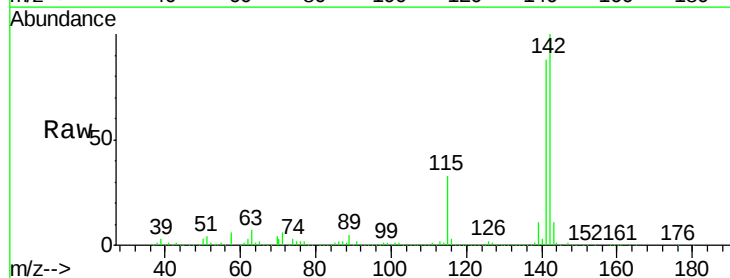
Instrument :
BNA_F
ClientSampleId :
DRUM-2

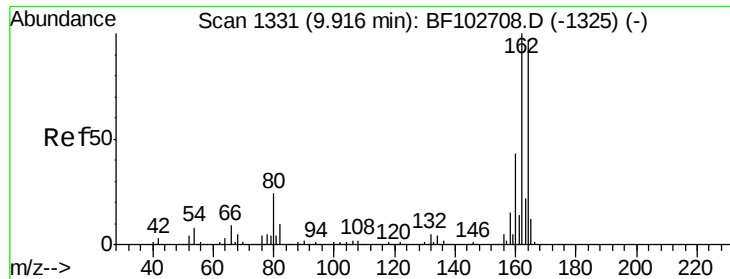
Tgt Ion:128 Resp: 535616
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.6 10.9 16.3



#37
2-Methylnaphthalene
Concen: 40.133 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103097.D
Acq: 19 Feb 2018 22:43

Tgt Ion:142 Resp: 923606
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2
115 33.4 26.1 39.1

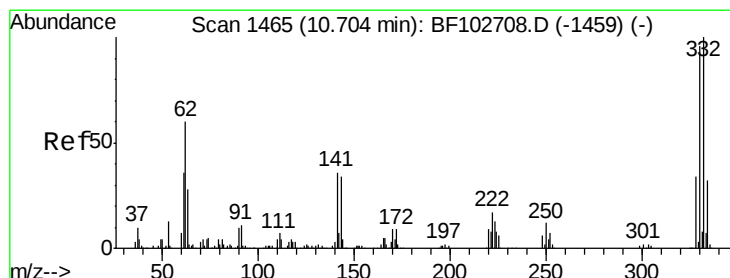
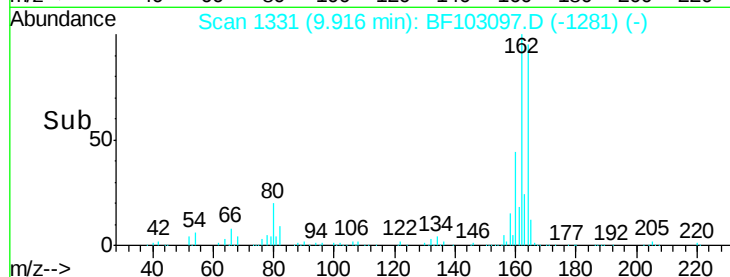
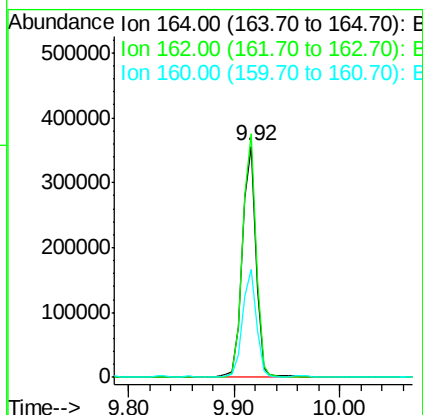
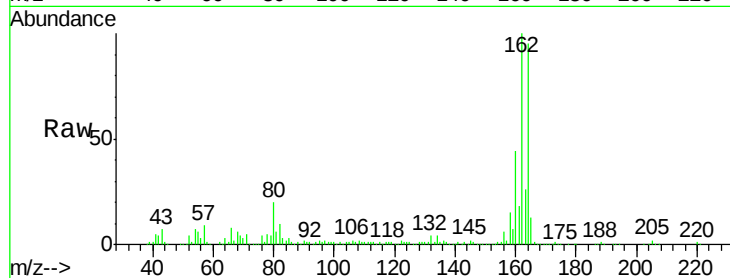




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103097.D
Acq: 19 Feb 2018 22:43

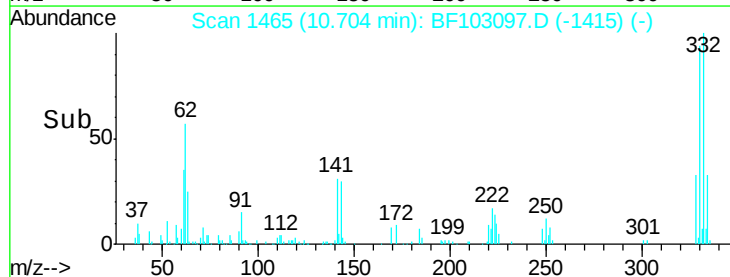
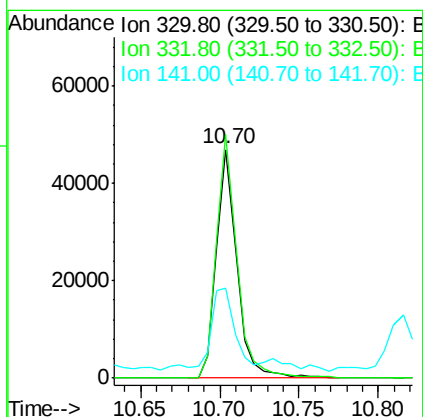
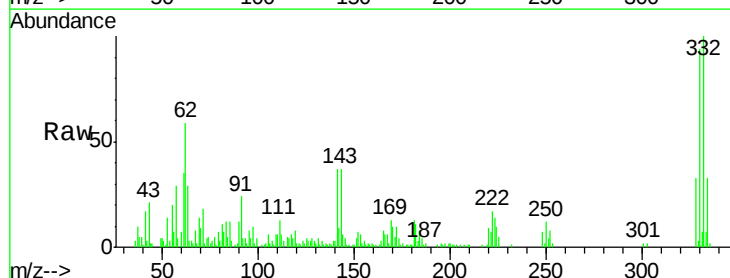
Instrument :
BNA_F
ClientSampleId :
DRUM-2

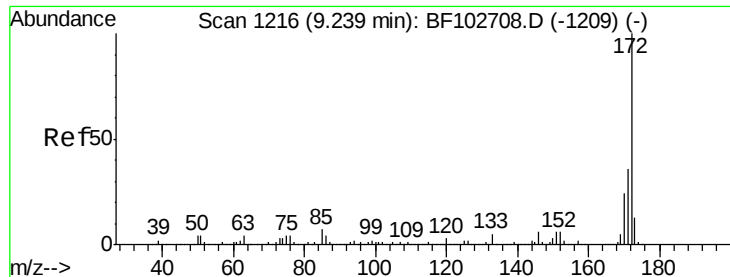
Tgt Ion:164 Resp: 315611
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 46.8 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 16.747 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103097.D
Acq: 19 Feb 2018 22:43

Tgt Ion:330 Resp: 42542
Ion Ratio Lower Upper
330 100
332 106.6 77.0 115.6
141 41.9 29.9 44.9

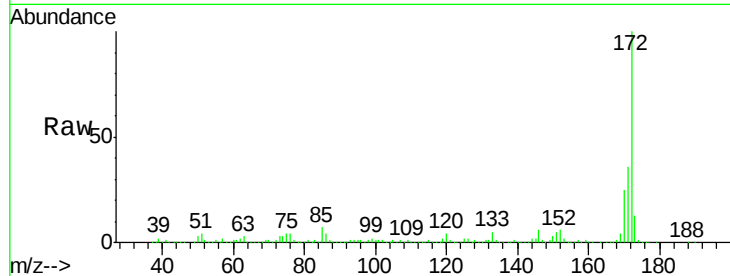




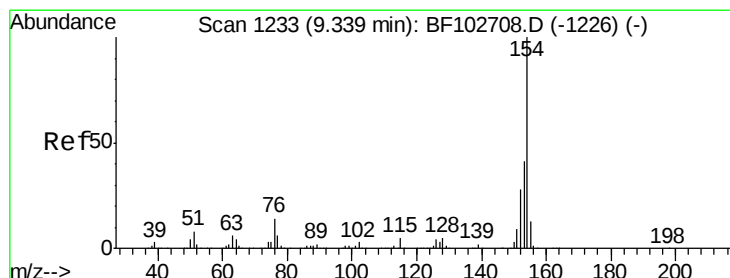
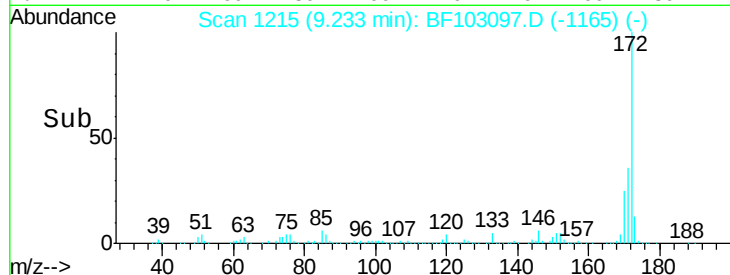
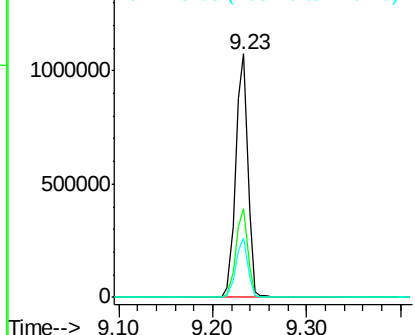
#44
 2-Fluorobiphenyl
 Concen: 50.929 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103097.D
 Acq: 19 Feb 2018 22:43

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-2

Tgt Ion:172 Resp: 968681
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.6 19.6 29.4

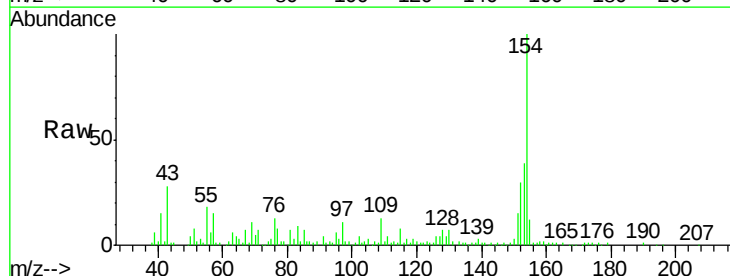


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

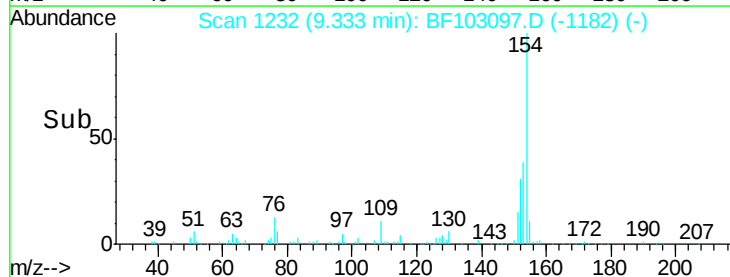
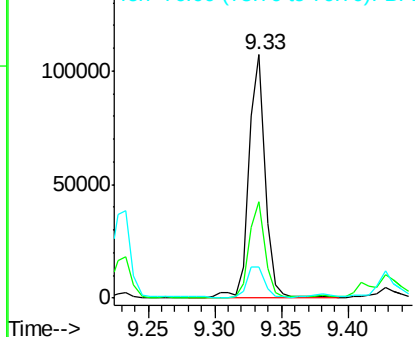


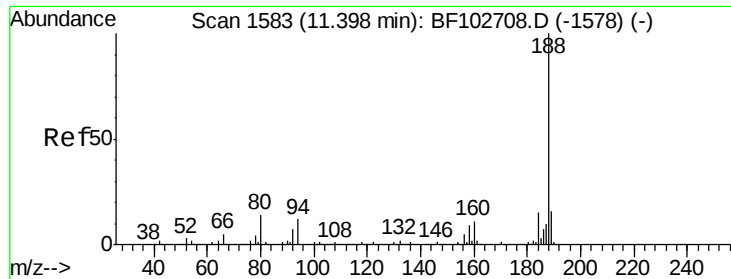
#45
 1,1'-Biphenyl
 Concen: 3.362 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF103097.D
 Acq: 19 Feb 2018 22:43

Tgt Ion:154 Resp: 89359
 Ion Ratio Lower Upper
 154 100
 153 39.4 21.3 61.3
 76 12.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103097.D

Acq: 19 Feb 2018 22:43

Instrument :

BNA_F

ClientSampleId :

DRUM-2

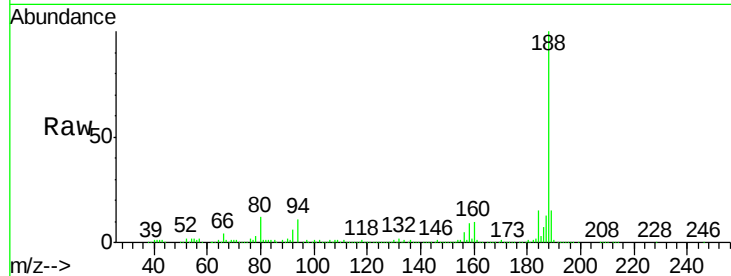
Tgt Ion:188 Resp: 488733

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

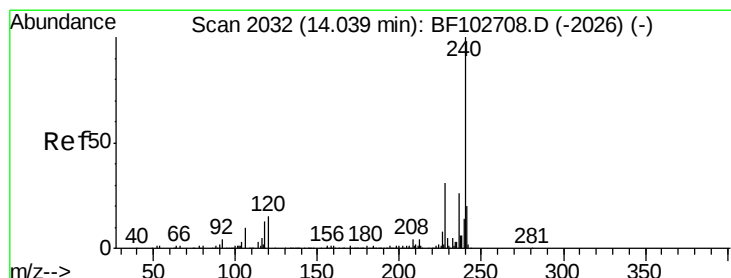
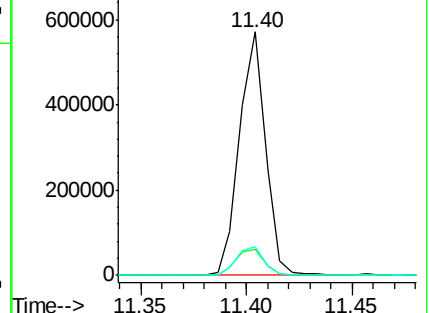
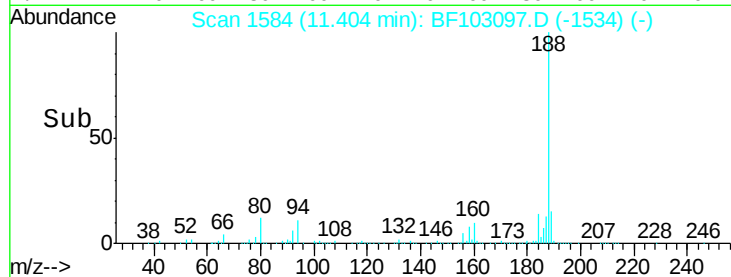
80 11.8 9.2 13.8



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103097.D

Acq: 19 Feb 2018 22:43

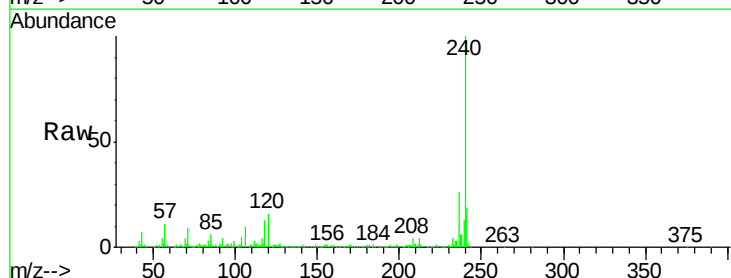
Tgt Ion:240 Resp: 312010

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

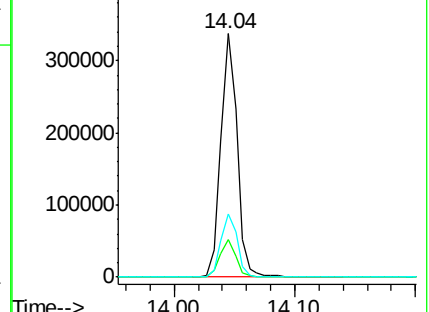
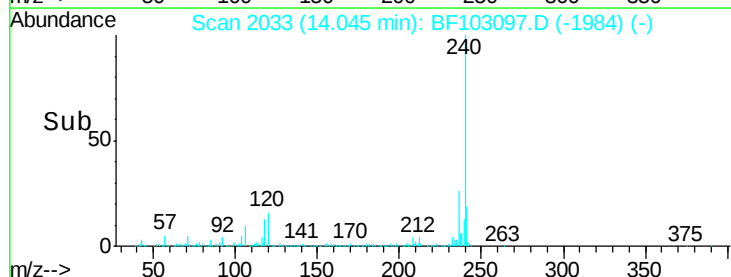
236 25.8 20.7 31.1

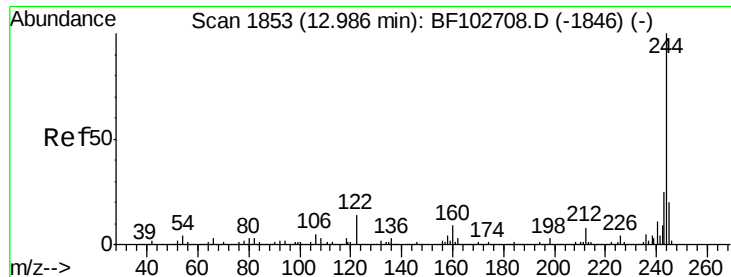


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.853 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103097.D

Acq: 19 Feb 2018 22:43

Instrument :

BNA_F

ClientSampleId :

DRUM-2

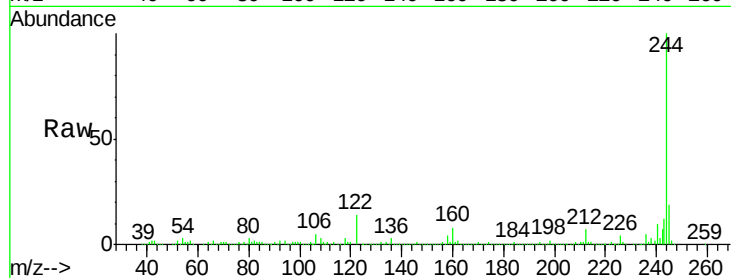
Tgt Ion:244 Resp: 709645

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

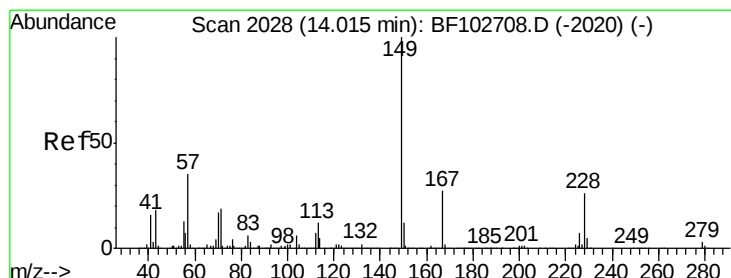
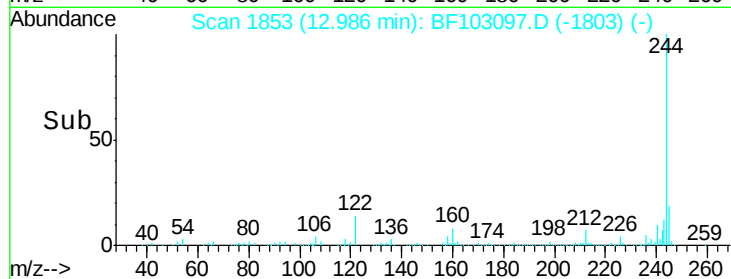
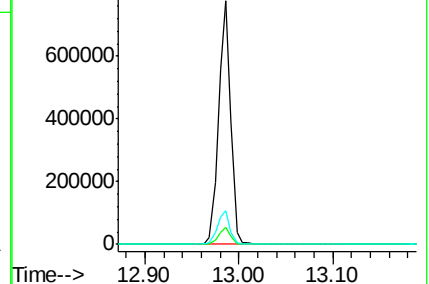
122 13.9 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 26.499 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103097.D

Acq: 19 Feb 2018 22:43

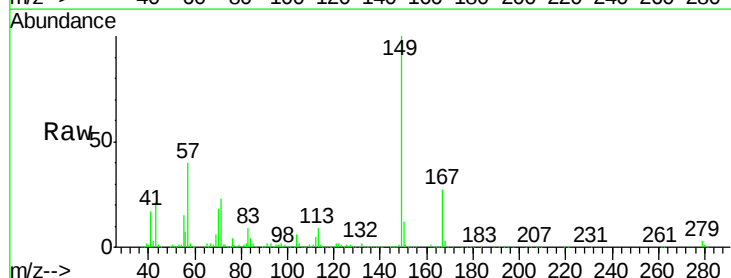
Tgt Ion:149 Resp: 397170

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

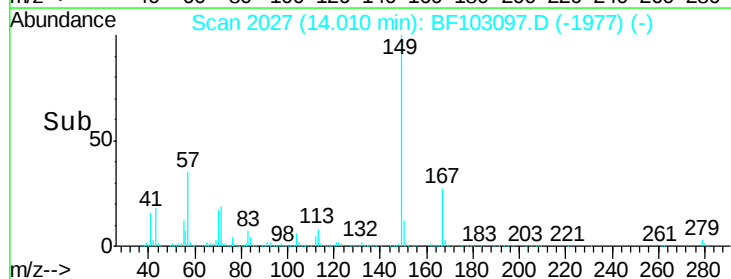
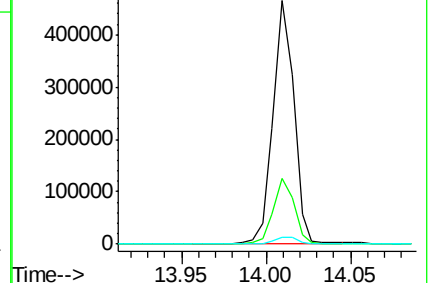
279 2.9 3.0 4.4#

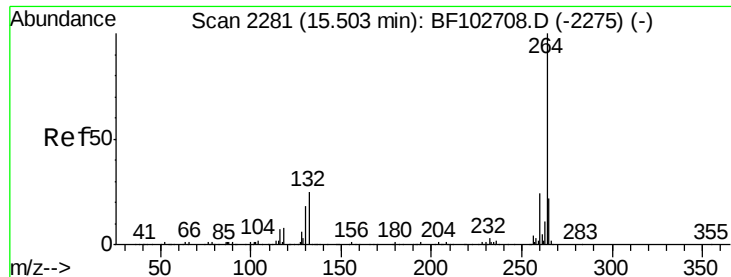


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103097.D
Acq: 19 Feb 2018 22:43

Instrument :
BNA_F
ClientSampleId :
DRUM-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.6	17.5	26.3

