

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101252.D
 Acq On : 8 Dec 2017 22:40
 Operator : SJ/JU
 Sample : I6742-01DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOTES-1-4DL

Quant Time: Dec 11 13:51:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

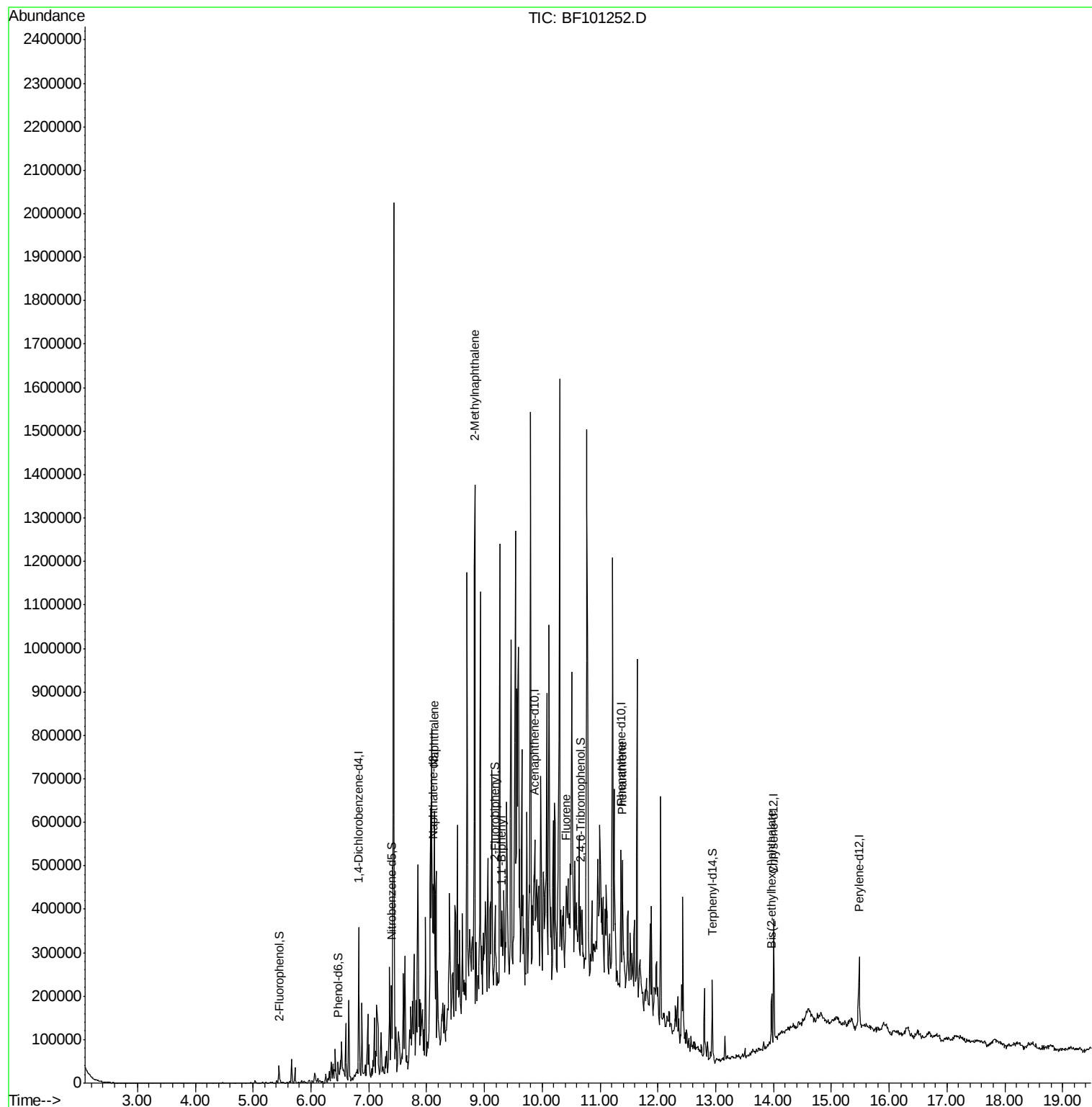
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	39705	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	142494	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	60122	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	102434	20.00	ng	0.00
75) Chrysene-d12	14.00	240	91214	20.00	ng	0.00
86) Perylene-d12	15.48	264	71802	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	15528	6.46	ng	0.00
7) Phenol-d6	6.47	99	12045	4.13	ng	0.00
23) Nitrobenzene-d5	7.39	82	24836	10.40	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	8938	12.38	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	52294	11.90	ng	0.00
78) Terphenyl-d14	12.94	244	49505	11.87	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.13	128	123562	17.594	ng	98
37) 2-Methylnaphthalene	8.83	142	333843	69.960	ng	99
45) 1,1'-Biphenyl	9.29	154	21014	3.815	ng	97
57) Fluorene	10.42	166	25925	5.749	ng	# 95
70) Phenanthrene	11.39	178	76483	13.558	ng	97
83) Bis(2-ethylhexyl)phthalate	13.97	149	31674	8.005	ng	98

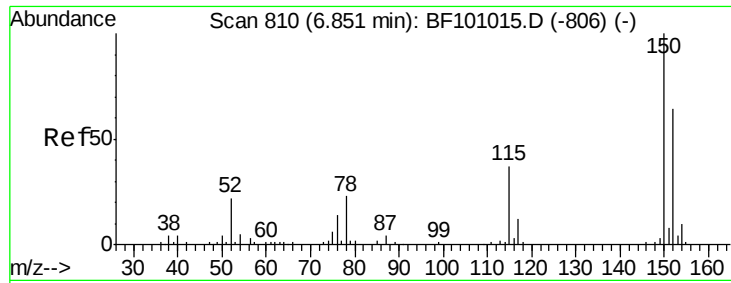
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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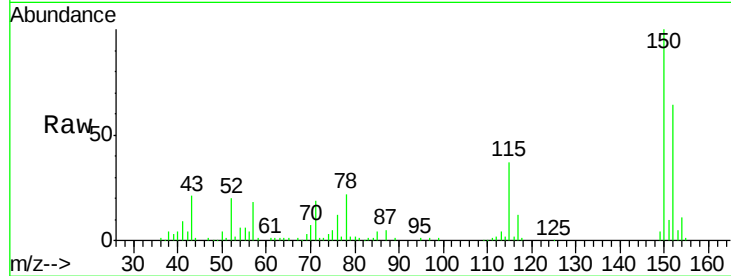


#1

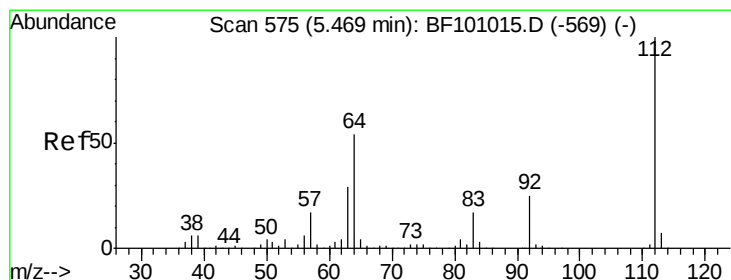
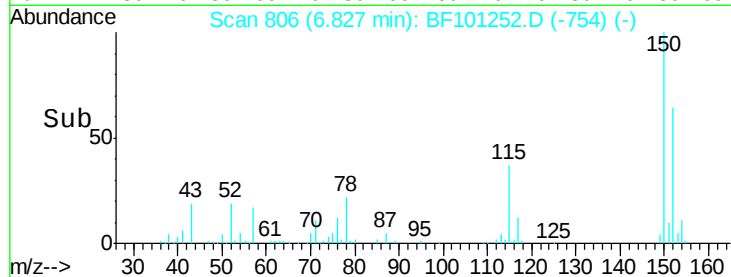
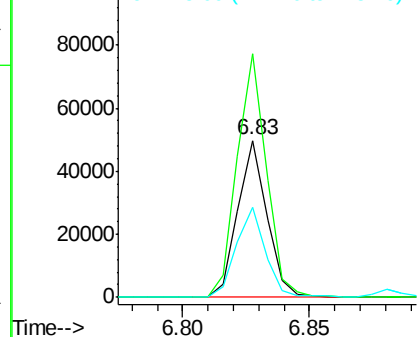
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF101252.D
 Acq: 8 Dec 2017 22:40

Instrument :
 BNA_F
 ClientSampleId :
 TOTES-1-4DL

Tot Ion:152 Resp: 39705
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 57.6 50.1 75.1



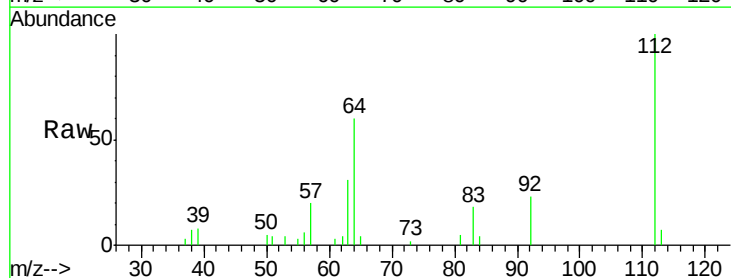
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



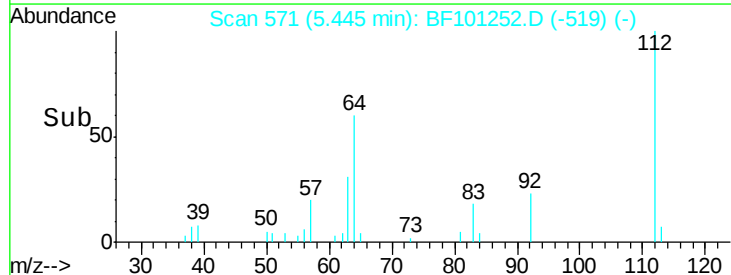
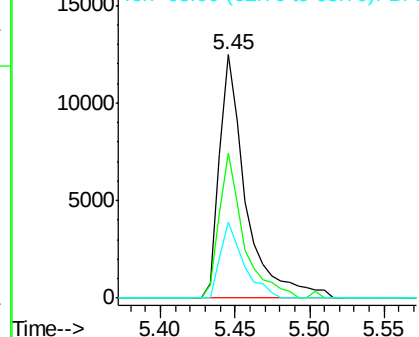
#5

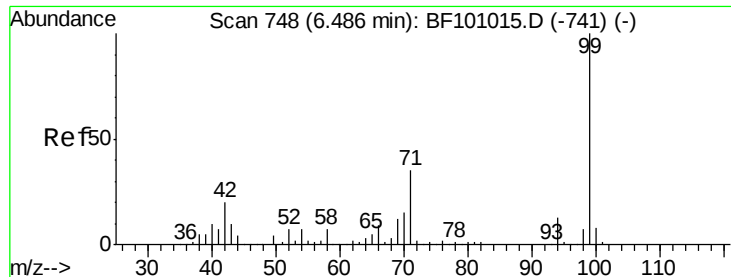
2-Fluorophenol
 Concen: 6.462 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF101252.D
 Acq: 8 Dec 2017 22:40

Tgt Ion:112 Resp: 15528
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 30.9 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: 4.129 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

Instrument :

BNA_F

ClientSampleId :

TOTES-1-4DL

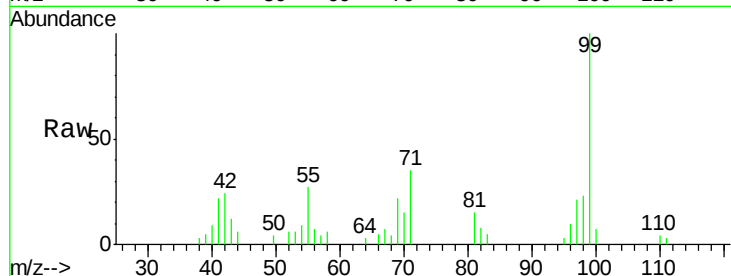
Tot Ion: 99 Resp: 12045

Ion Ratio Lower Upper

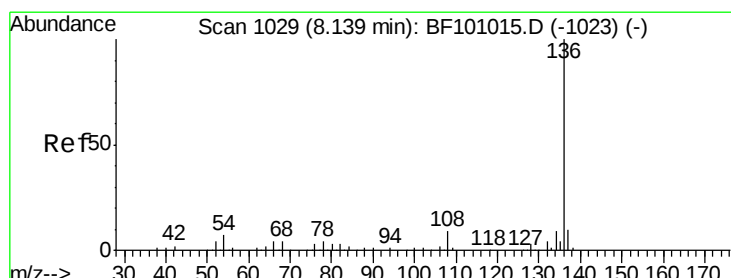
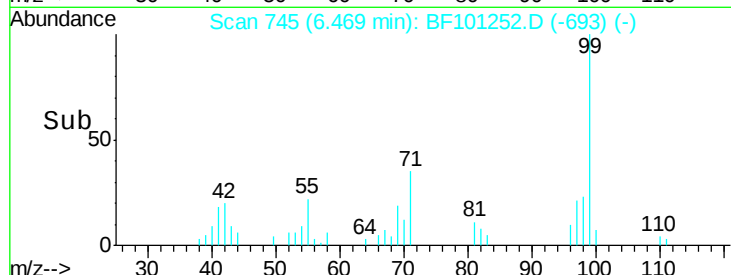
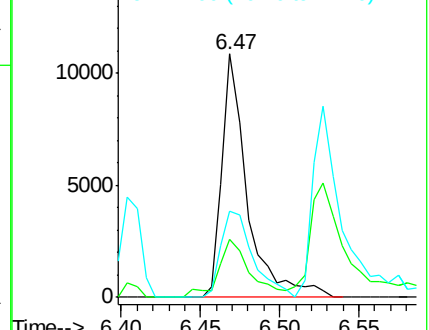
99 100

42 23.6 14.5 21.7#

71 35.2 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: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

Tgt Ion: 136 Resp: 142494

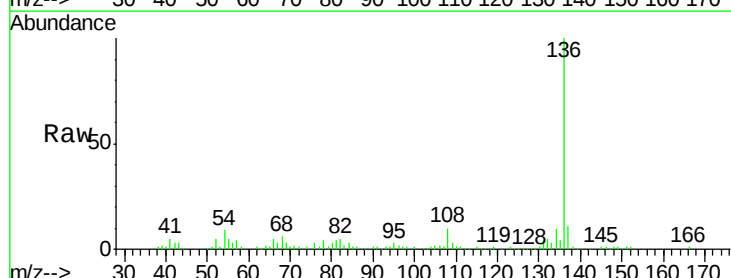
Ion Ratio Lower Upper

136 100

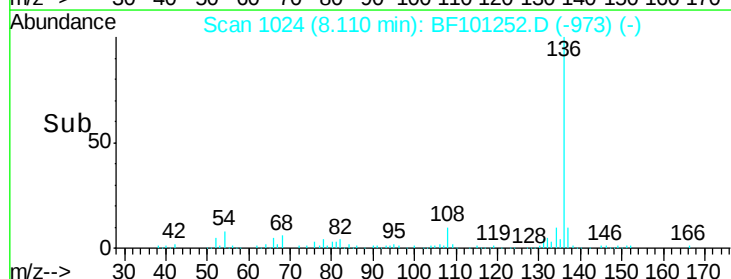
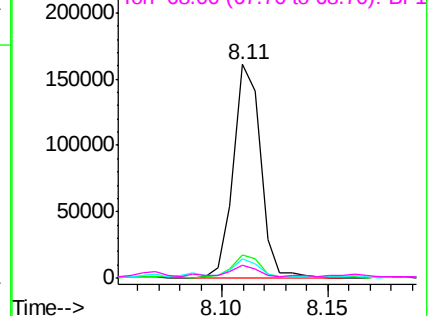
137 10.8 8.9 13.3

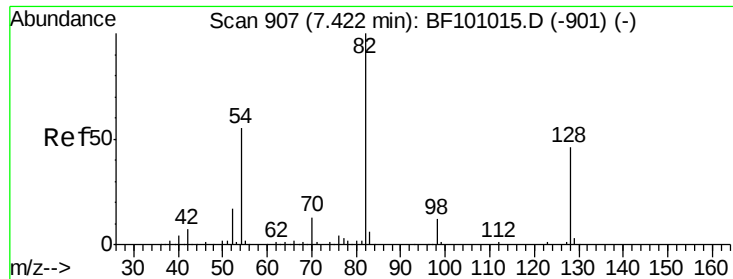
54 8.7 6.6 9.8

68 6.0 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

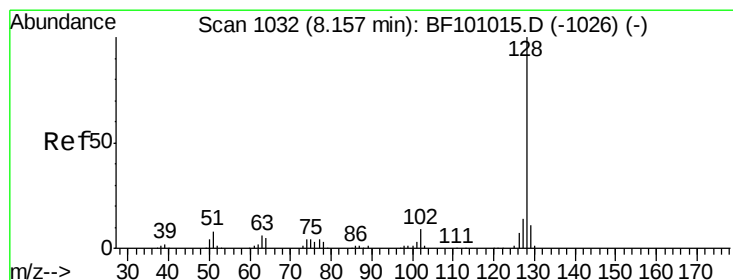
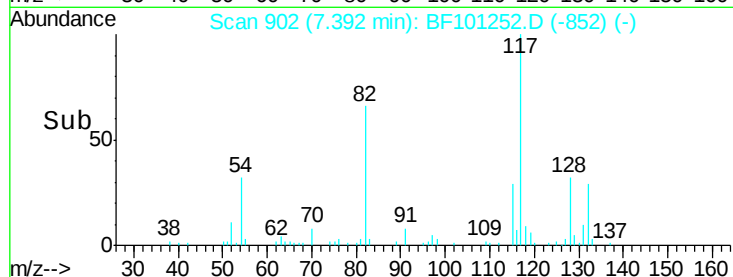
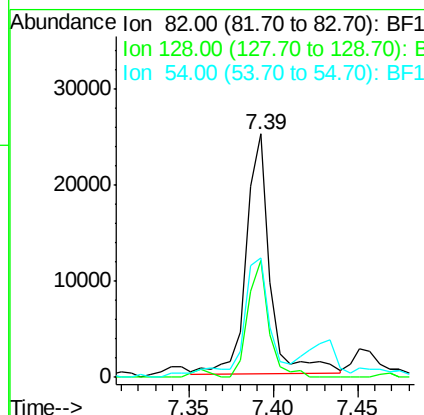
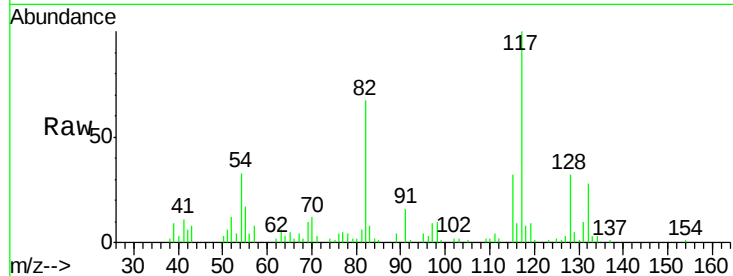




#23
Nitrobenzene-d5
Concen: 10.397 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

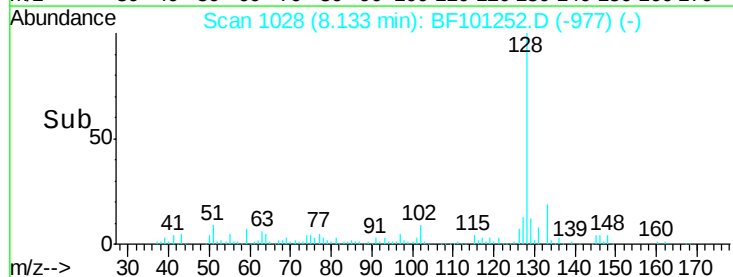
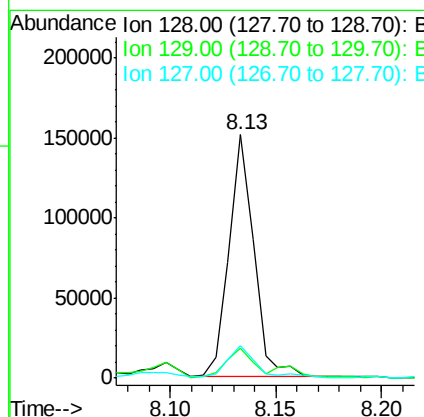
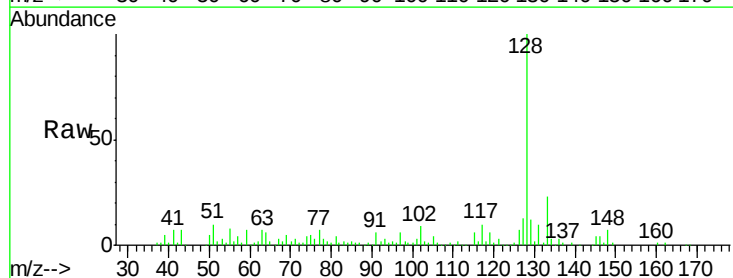
Instrument :
BNA_F
ClientSampleId :
TOTES-1-4DL

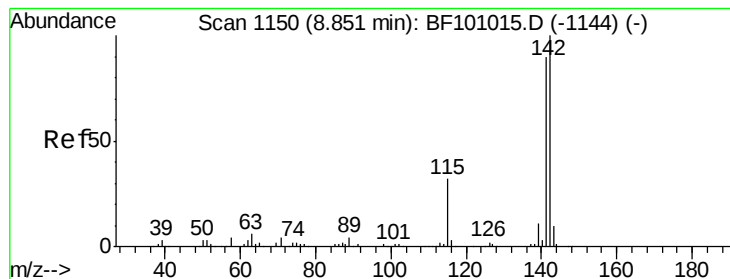
Tot Ion	82	Resp	24836
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.1	54.1
54	48.9	41.4	62.2



#31
Naphthalene
Concen: 17.594 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion	128	Resp	123562
Ion Ratio	Lower	Upper	
128	100		
129	12.3	8.8	13.2
127	13.5	10.9	16.3





#37

2-Methylnaphthalene

Concen: 69.960 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

Instrument :

BNA_F

ClientSampleId :

TOTES-1-4DL

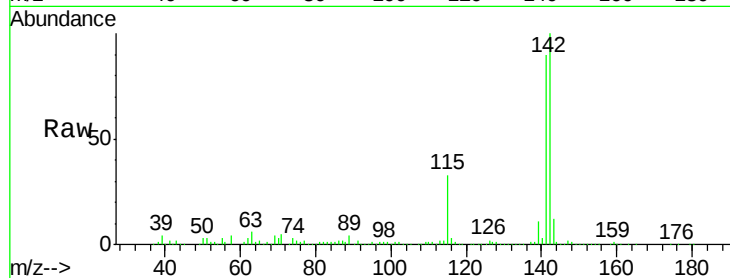
Tot Ion:142 Resp: 333843

Ion Ratio Lower Upper

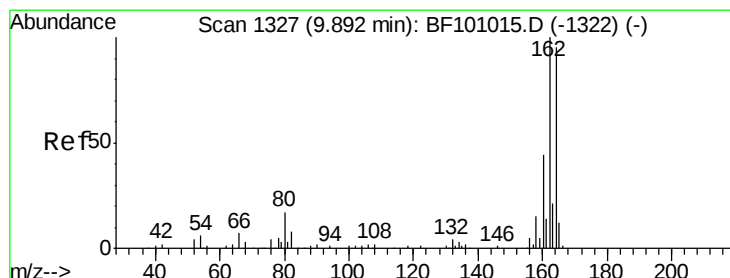
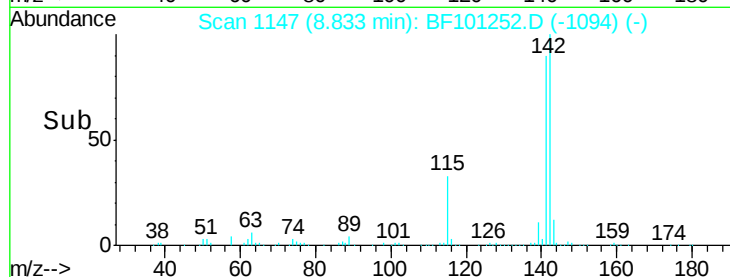
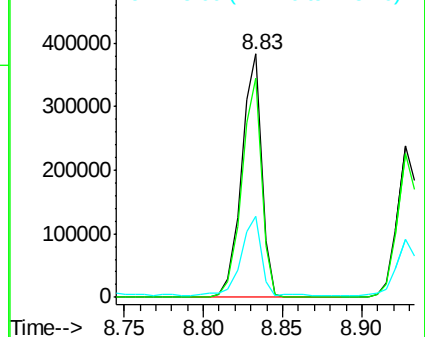
142 100

141 89.9 70.8 106.2

115 33.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

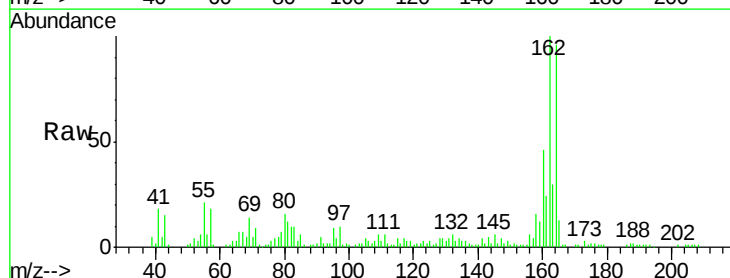
Tgt Ion:164 Resp: 60122

Ion Ratio Lower Upper

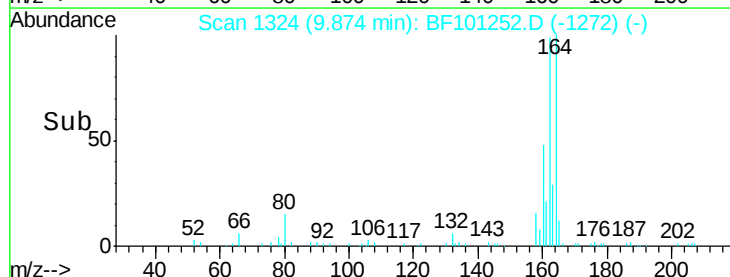
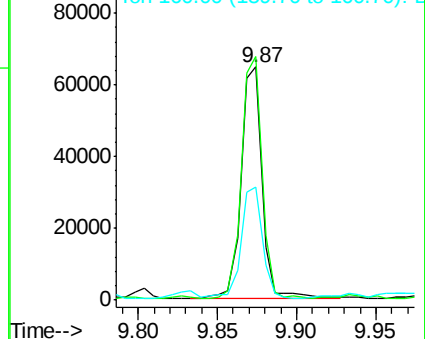
164 100

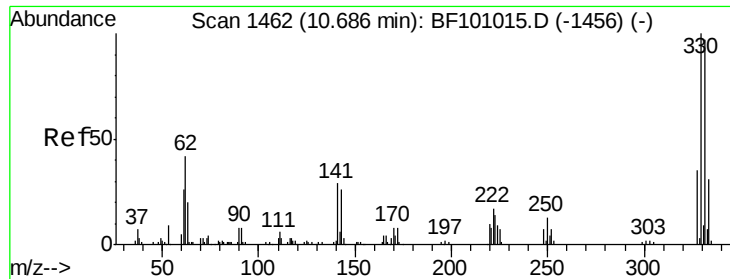
162 104.4 86.1 129.1

160 48.4 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

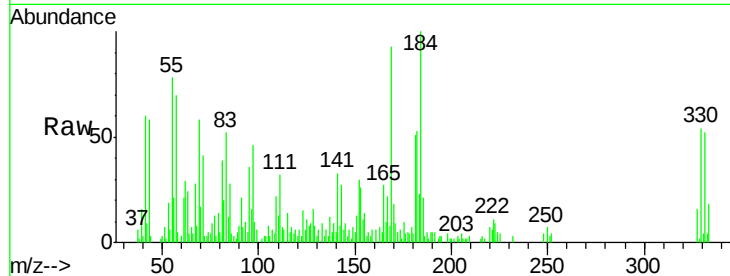




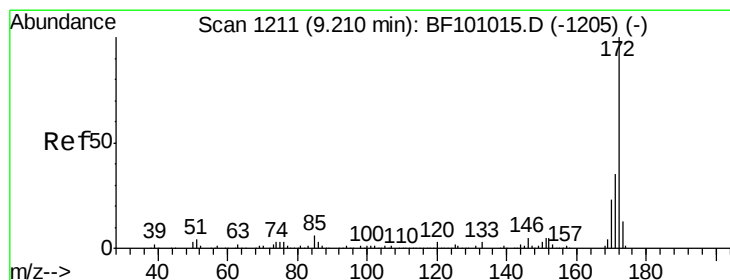
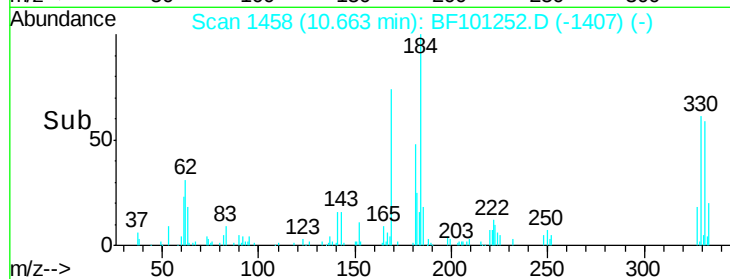
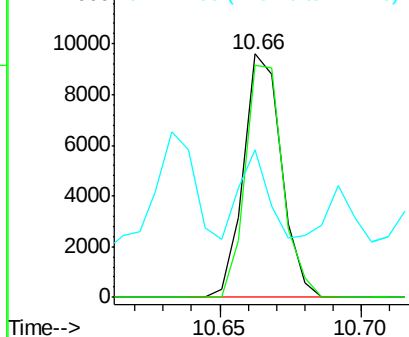
#41
 2,4,6-Tribromophenol
 Concen: 12.375 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF101252.D
 Acq: 8 Dec 2017 22:40

Instrument :
 BNA_F
 ClientSampleId :
 TOTES-1-4DL

Tot Ion:330 Resp: 8938
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 29.2 29.9 44.9#

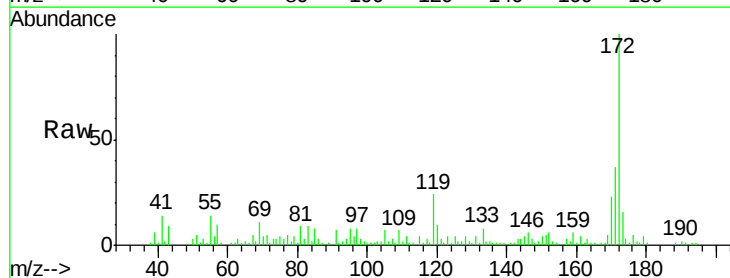


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

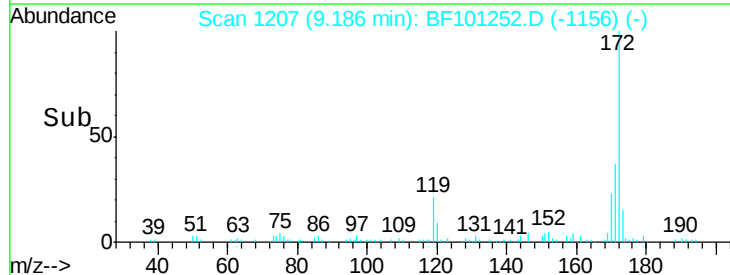
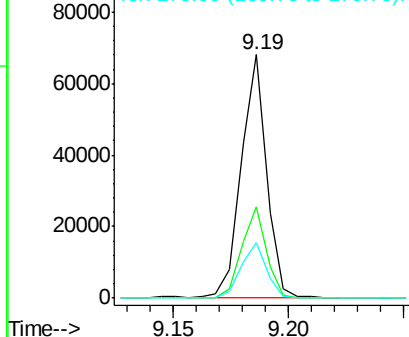


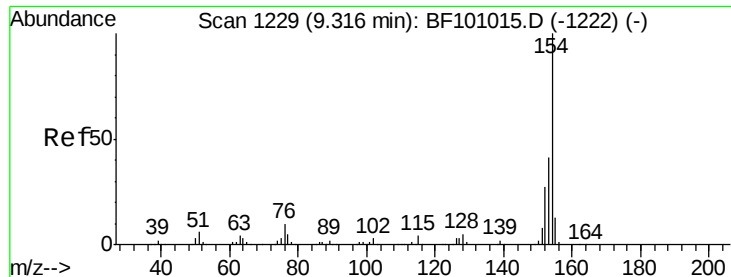
#44
 2-Fluorobiphenyl
 Concen: 11.901 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF101252.D
 Acq: 8 Dec 2017 22:40

Tgt Ion:172 Resp: 52294
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 22.7 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: 3.815 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

Instrument :

BNA_F

ClientSampleId :

TOTES-1-4DL

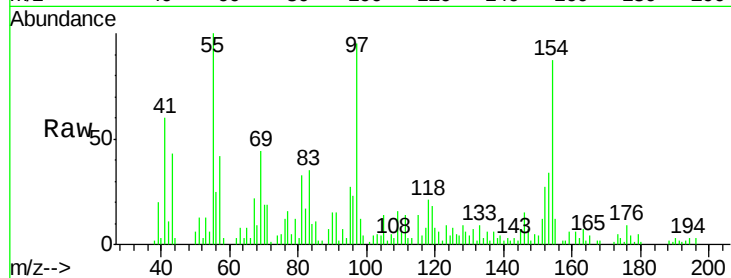
Tot Ion:154 Resp: 21014

Ion Ratio Lower Upper

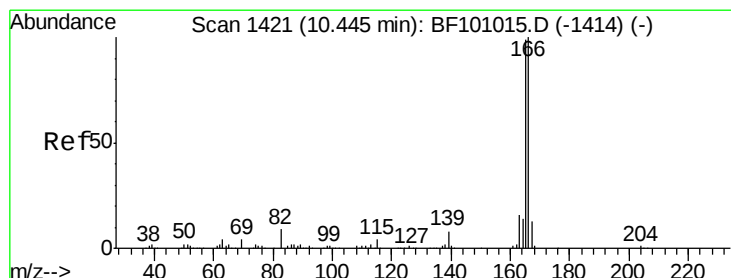
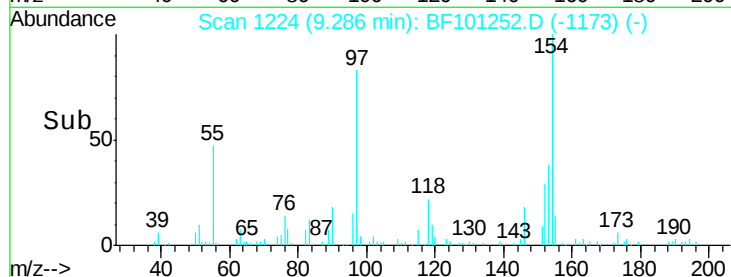
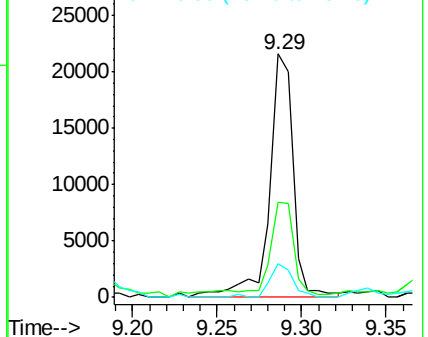
154 100

153 39.3 21.3 61.3

76 13.7 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



#57

Fluorene

Concen: 5.749 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

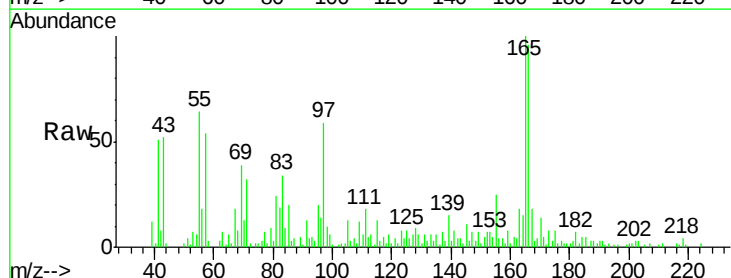
Tgt Ion:166 Resp: 25925

Ion Ratio Lower Upper

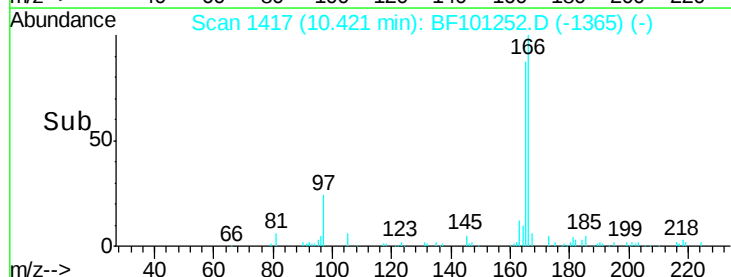
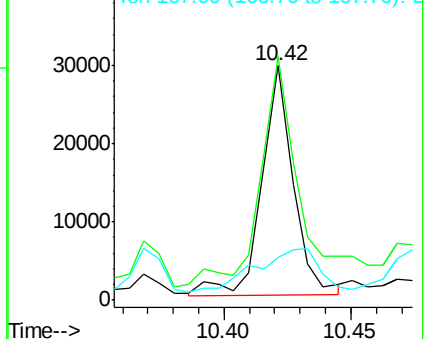
166 100

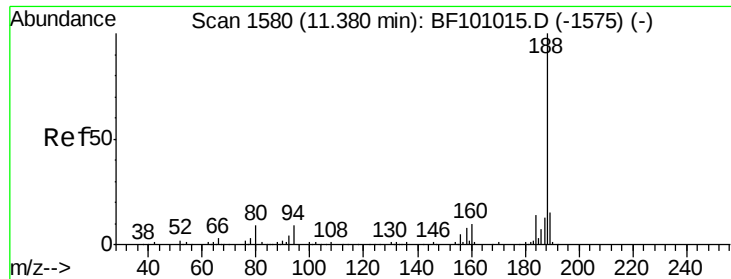
165 103.8 79.8 119.8

167 18.3 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

Instrument :

BNA_F

ClientSampleId :

TOTES-1-4DL

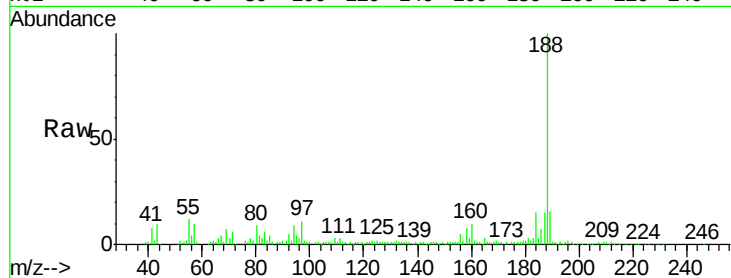
Tot Ion:188 Resp: 102434

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

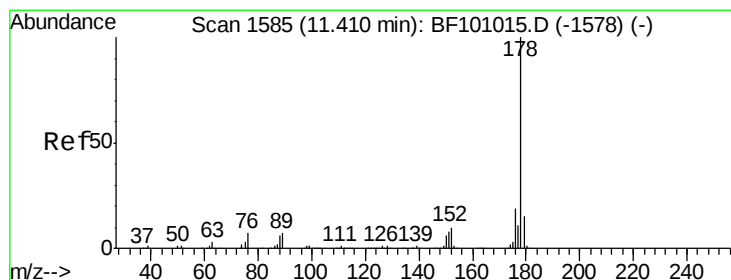
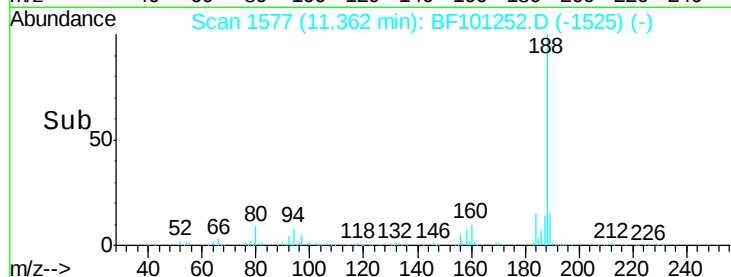
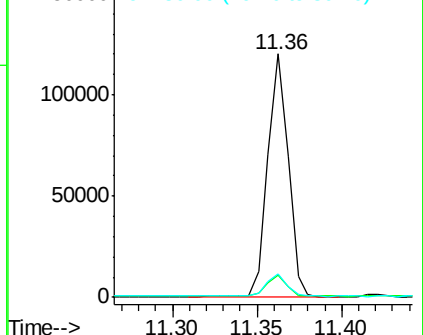
80 9.5 9.2 13.8



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



#70

Phenanthrene

Concen: 13.558 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

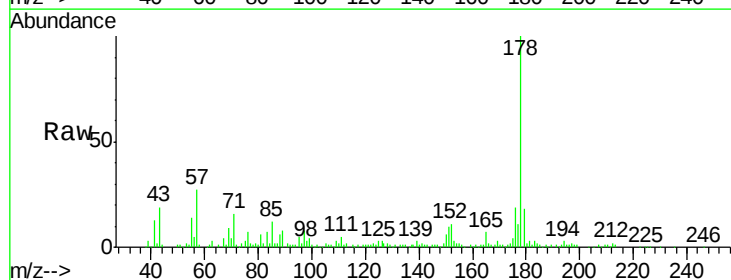
Tgt Ion:178 Resp: 76483

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

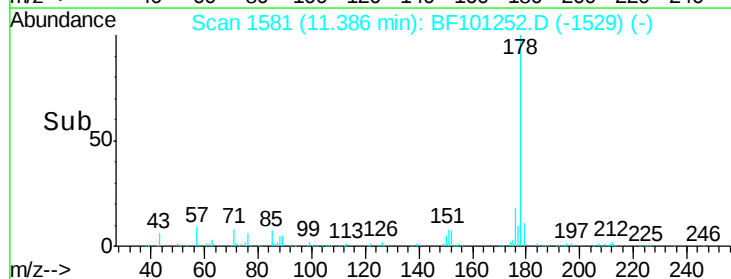
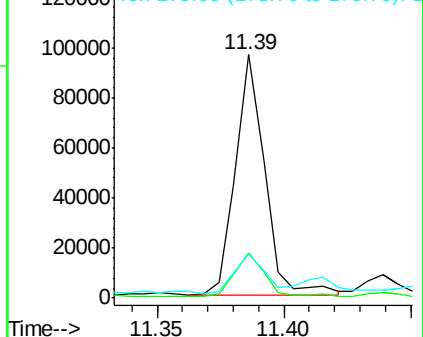
179 18.0 13.0 19.6

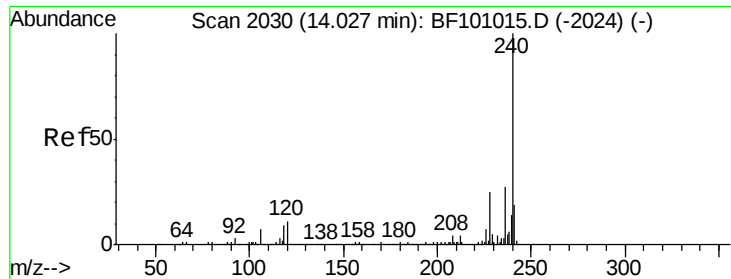


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

Instrument :

BNA_F

ClientSampleId :

TOTES-1-4DL

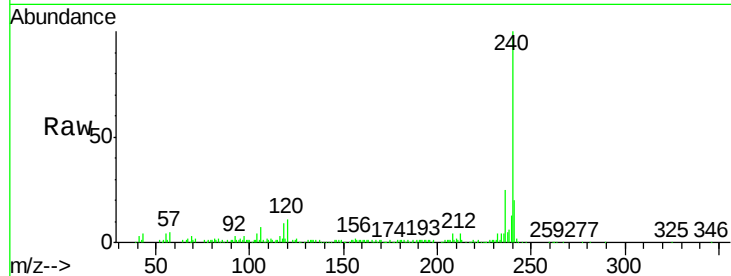
Tot Ion:240 Resp: 91214

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

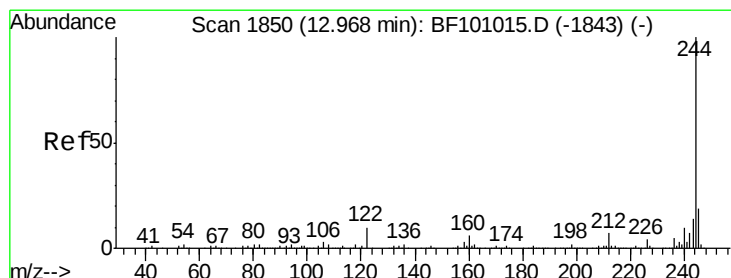
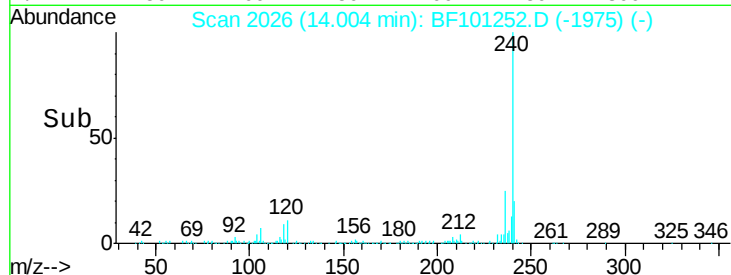
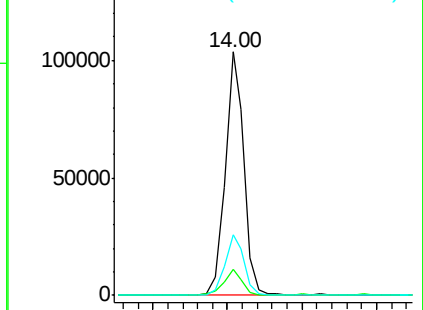
236 24.8 20.7 31.1



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: 11.871 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF101252.D

Acq: 8 Dec 2017 22:40

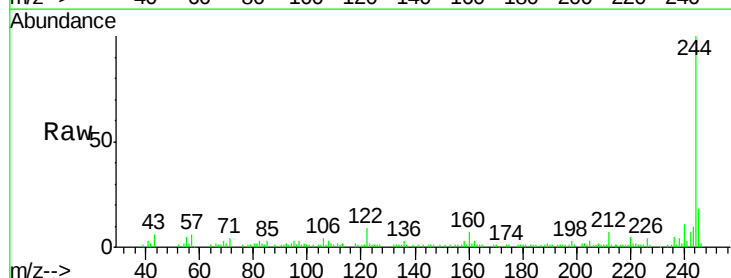
Tgt Ion:244 Resp: 49505

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

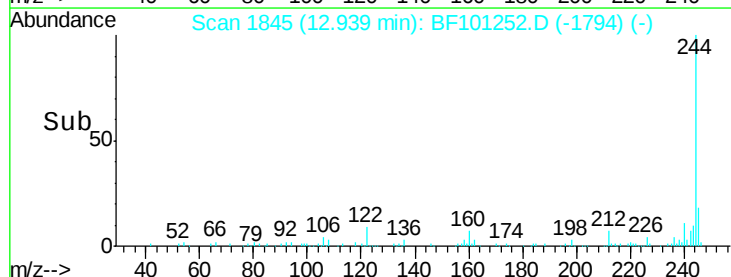
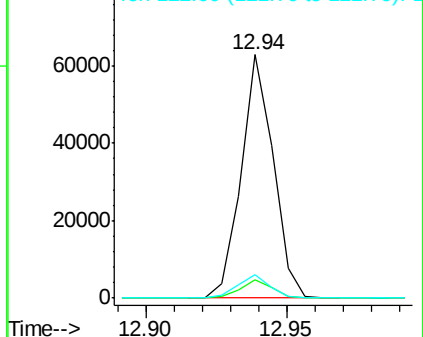
122 9.4 11.0 16.4#

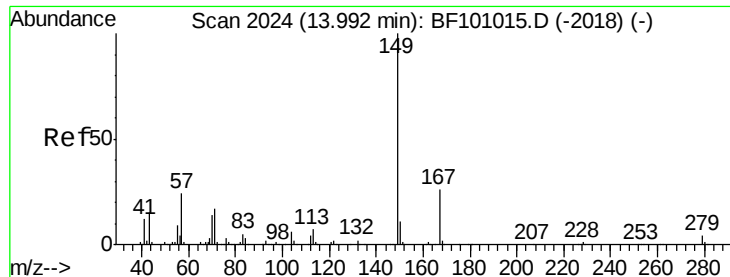


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

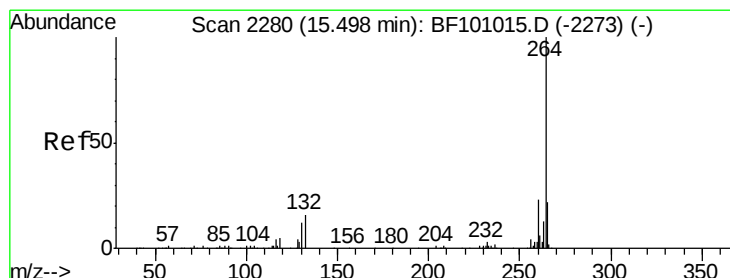
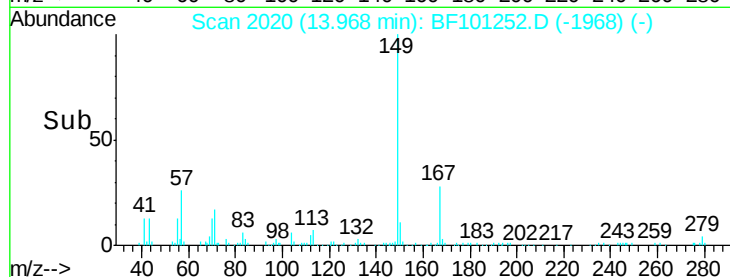
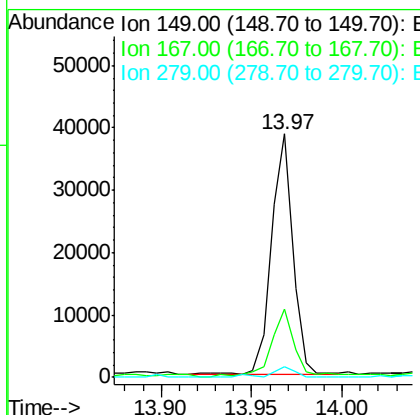
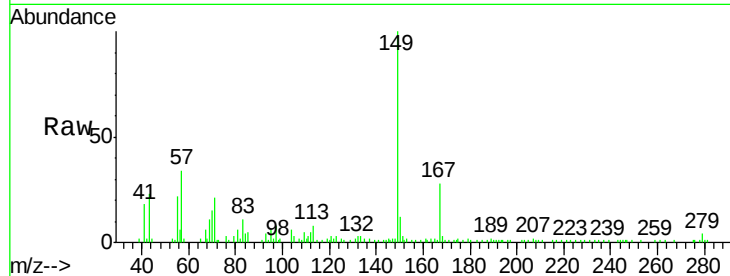




#83
Bis(2-ethylhexyl)phthalate
Concen: 8.005 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Instrument :
BNA_F
ClientSampleId :
TOTES-1-4DL

Tot Ion:149 Resp: 31674
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.3 3.0 4.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF101252.D
Acq: 8 Dec 2017 22:40

Tgt Ion:264 Resp: 71802
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 21.8 17.5 26.3

