

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101770.D
 Acq On : 27 Dec 2017 18:48
 Operator : SJ/JU
 Sample : I6685-11 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-122617-D

Quant Time: Dec 28 04:47:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

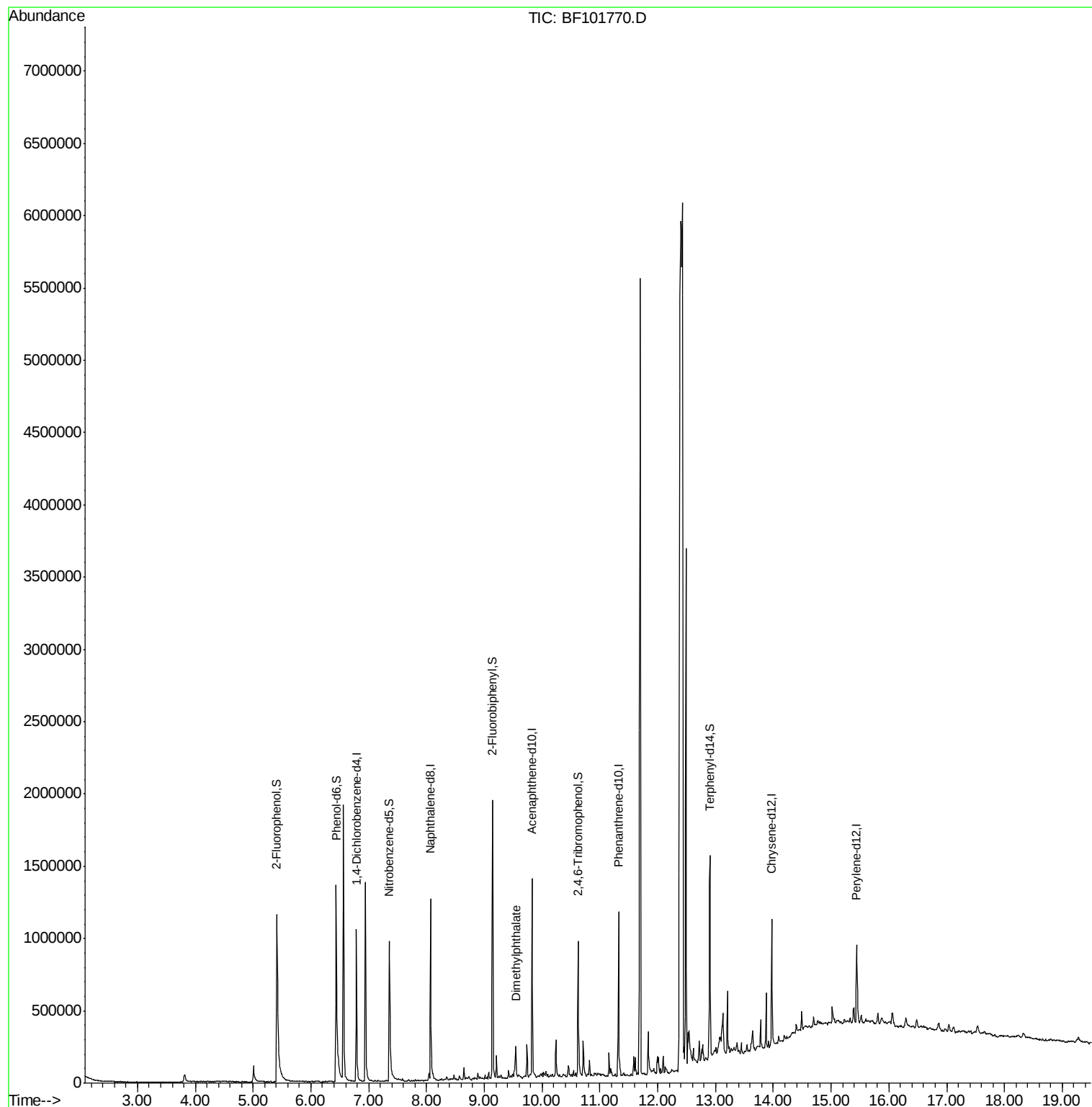
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	168123	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	640685	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	267780	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	430282	20.00	ng	0.00
75) Chrysene-d12	13.97	240	320699	20.00	ng	0.00
86) Perylene-d12	15.44	264	297004	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	592432	52.49	ng	0.00
7) Phenol-d6	6.43	99	711059	50.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	418835	36.39	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	128578	49.83	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	672097	38.93	ng	0.00
78) Terphenyl-d14	12.90	244	475519	35.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	90639	4.208	ng	Qvalue 99

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

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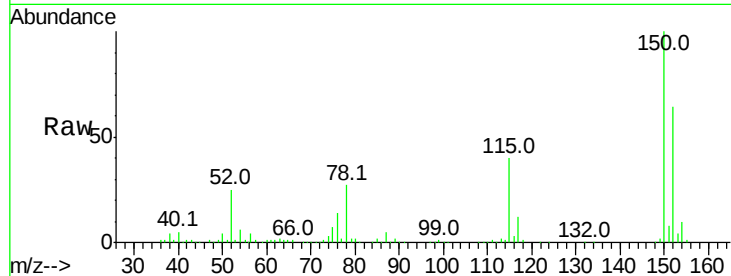


#1

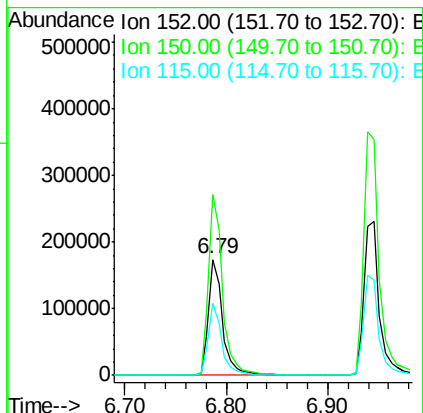
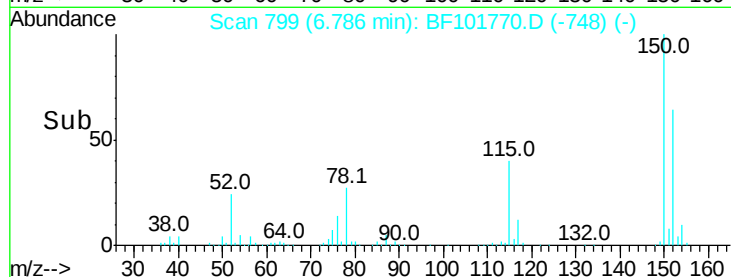
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101770.D
Acq: 27 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
AU-05-122617-D

Tot Ion:152 Resp: 168123
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 62.6 50.1 75.1



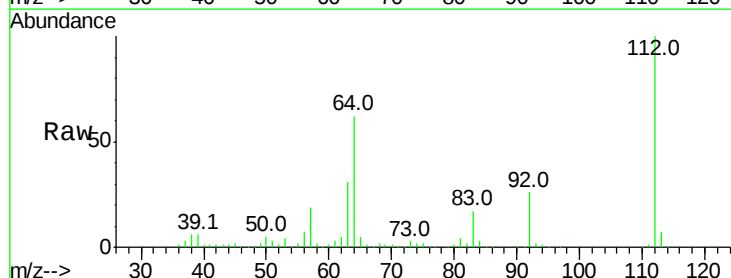
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



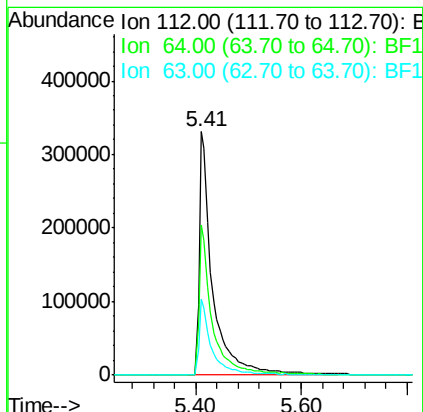
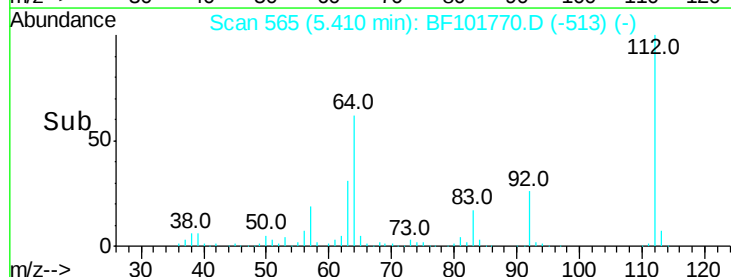
#5

2-Fluorophenol
Concen: 52.490 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101770.D
Acq: 27 Dec 2017 18:48

Tgt Ion:112 Resp: 592432
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 31.4 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: 50.621 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101770.D

Acq: 27 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

AU-05-122617-D

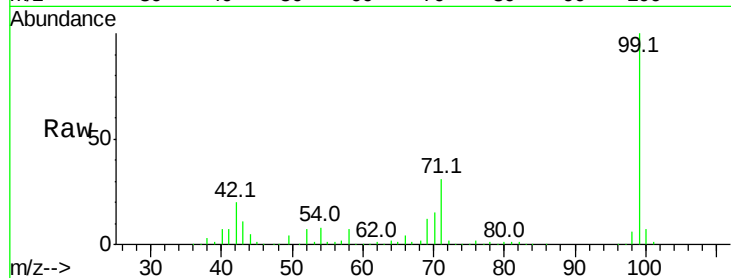
Tot Ion: 99 Resp: 711059

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

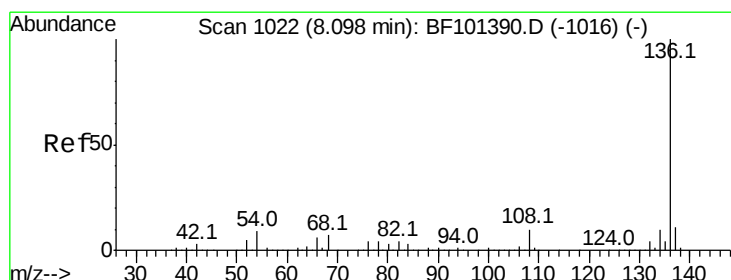
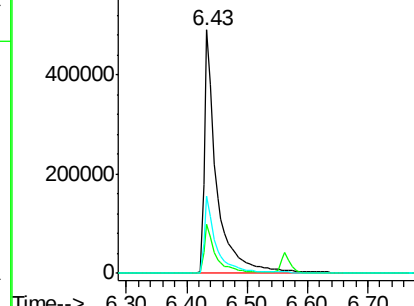
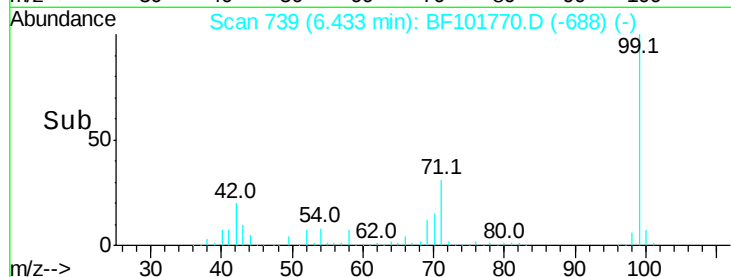
71 31.5 25.4 38.0



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: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101770.D

Acq: 27 Dec 2017 18:48

Tgt Ion: 136 Resp: 640685

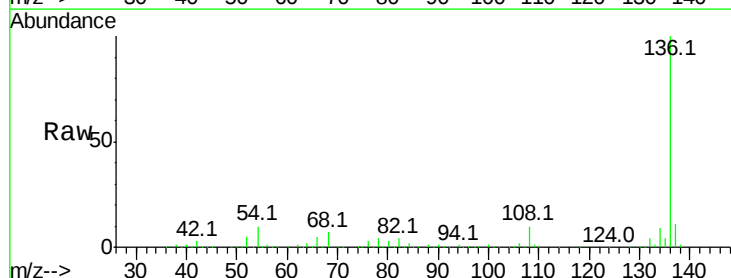
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.6 6.6 9.8

68 7.0 5.0 7.4

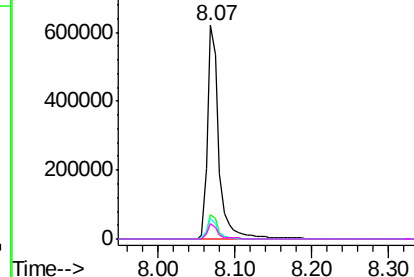
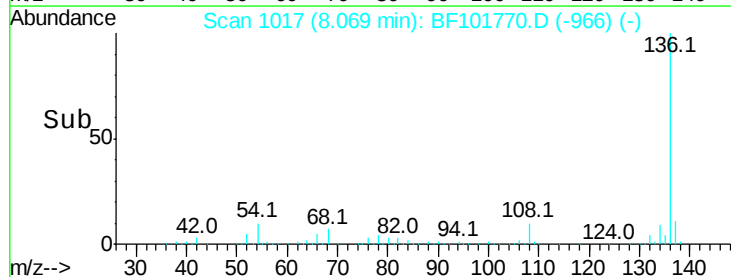


Abundance Ion 136.00 (135.70 to 136.70): E

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

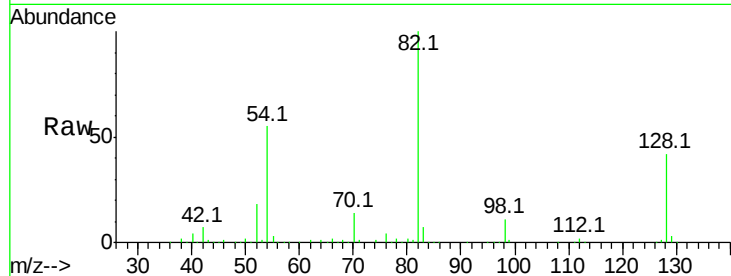




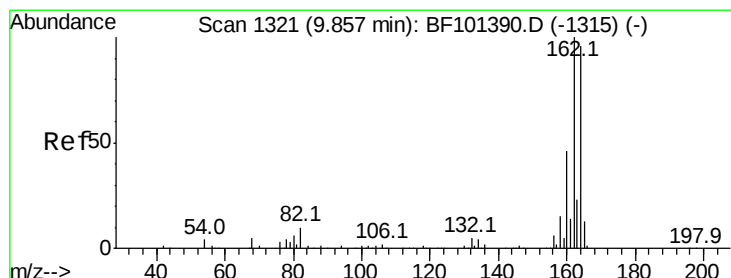
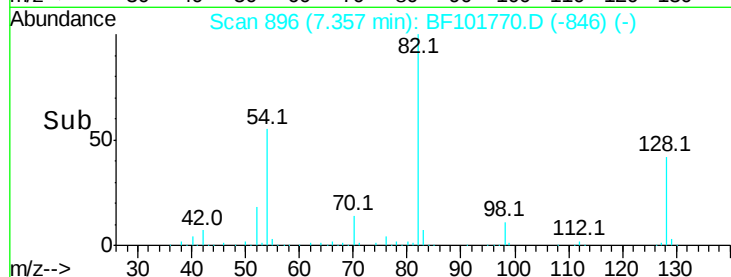
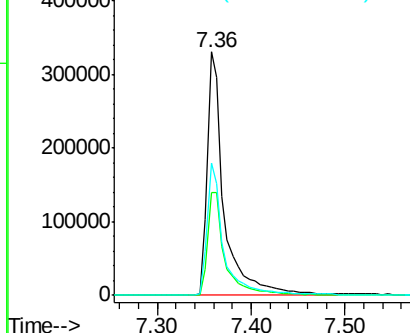
#23
Nitrobenzene-d5
Concen: 36.390 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101770.D
Acq: 27 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
AU-05-122617-D

Tot Ion: 82 Resp: 418835
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 54.6 41.4 62.2

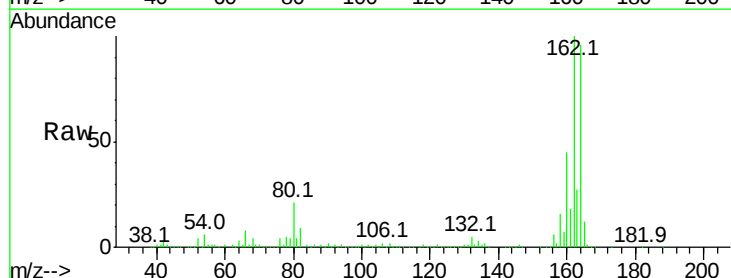


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

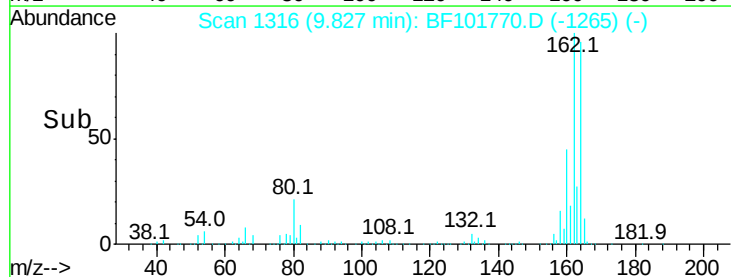
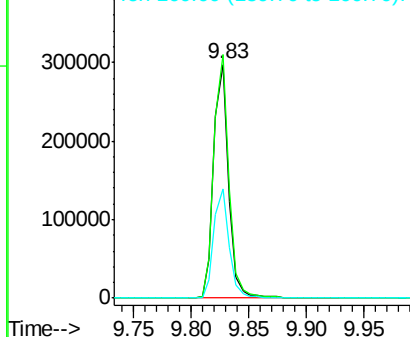


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101770.D
Acq: 27 Dec 2017 18:48

Tgt Ion:164 Resp: 267780
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

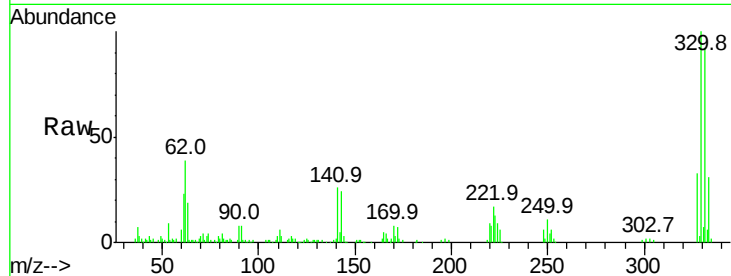




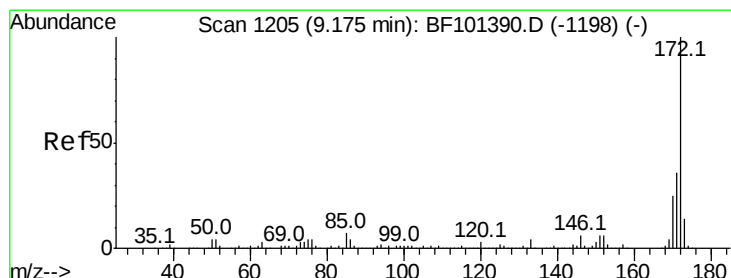
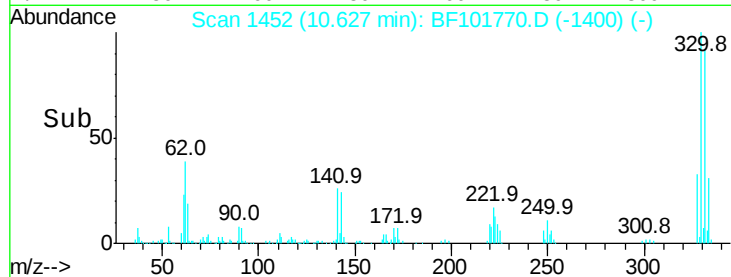
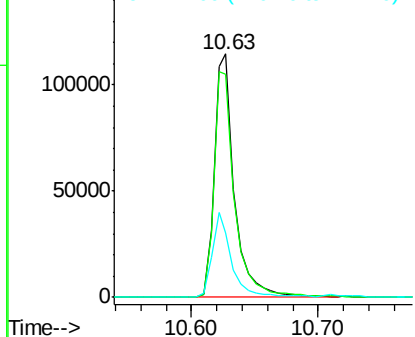
#41
 2,4,6-Tribromophenol
 Concen: 49.831 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101770.D
 Acq: 27 Dec 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-122617-D

Tot Ion:330 Resp: 128578
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.7 29.9 44.9

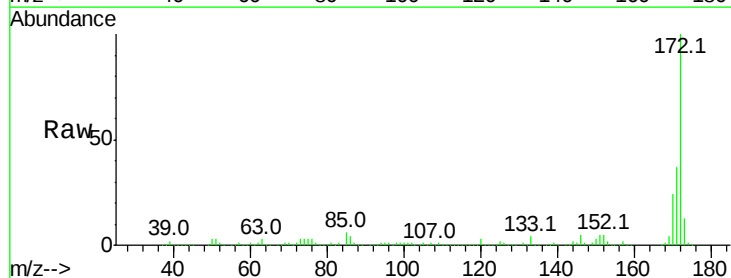


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

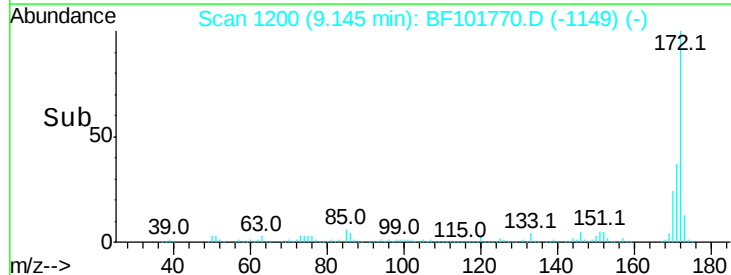
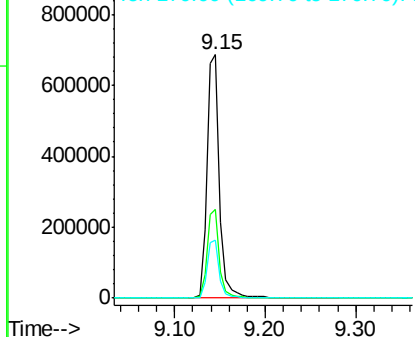


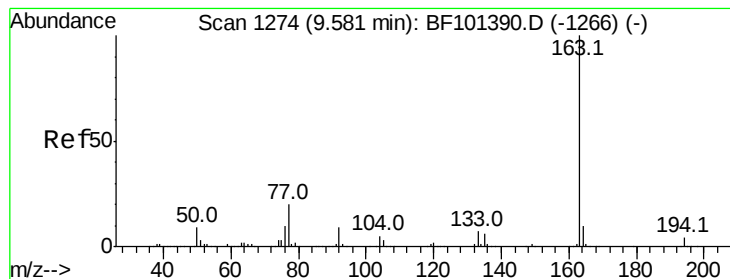
#44
 2-Fluorobiphenyl
 Concen: 38.934 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101770.D
 Acq: 27 Dec 2017 18:48

Tgt Ion:172 Resp: 672097
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.7 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





#49

Dimethylphthalate

Concen: 4.208 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101770.D

Acq: 27 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

AU-05-122617-D

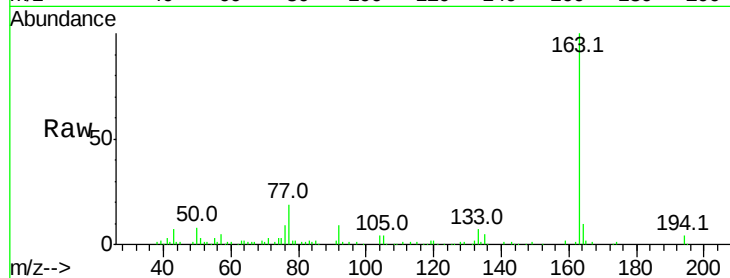
Tot Ion:163 Resp: 90639

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

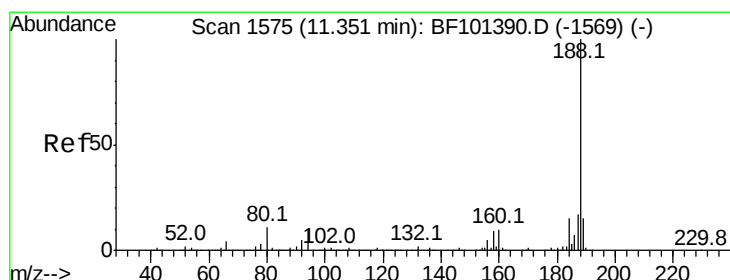
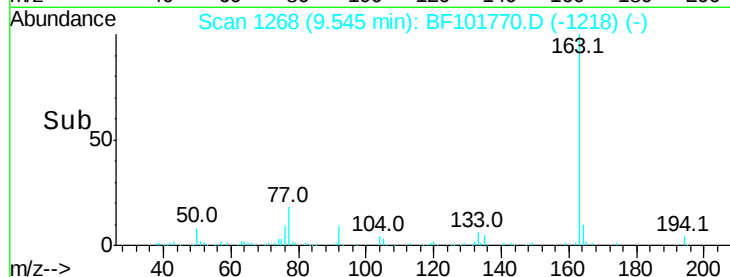
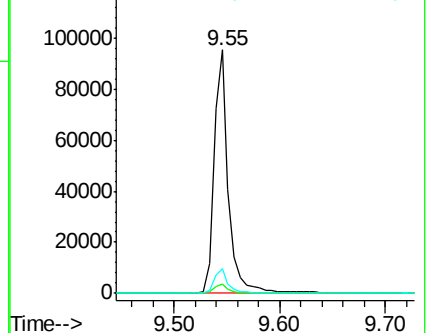
164 9.9 8.2 12.2



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: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF101770.D

Acq: 27 Dec 2017 18:48

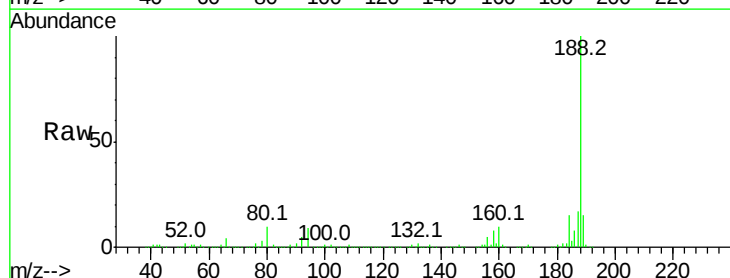
Tgt Ion:188 Resp: 430282

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

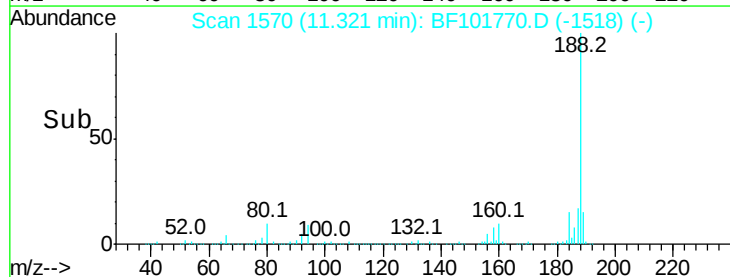
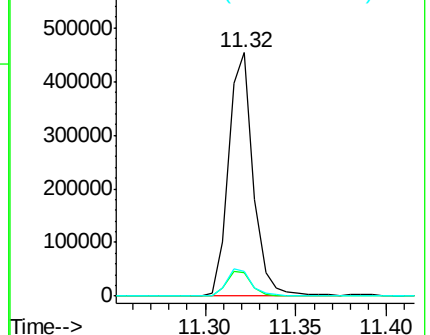
80 10.1 9.2 13.8

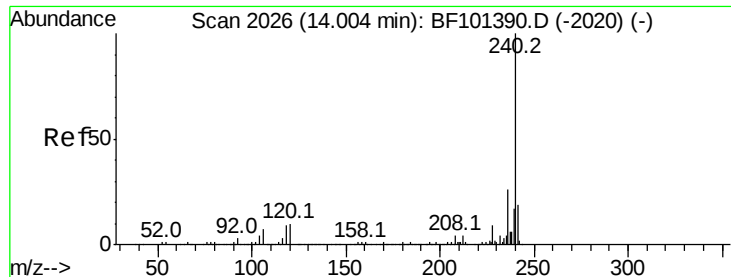


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101770.D

Acq: 27 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

AU-05-122617-D

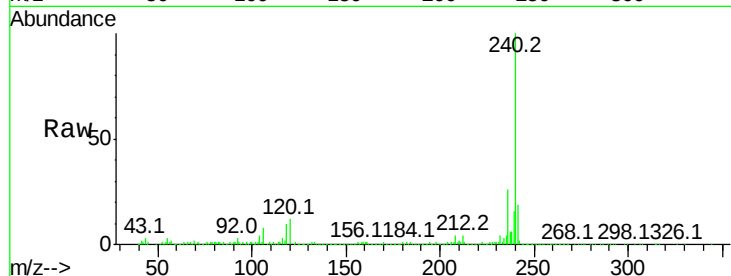
Tot Ion:240 Resp: 320699

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

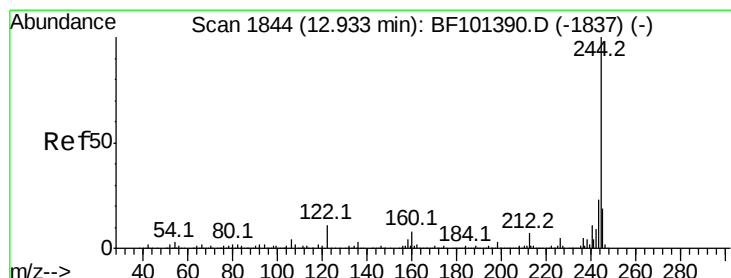
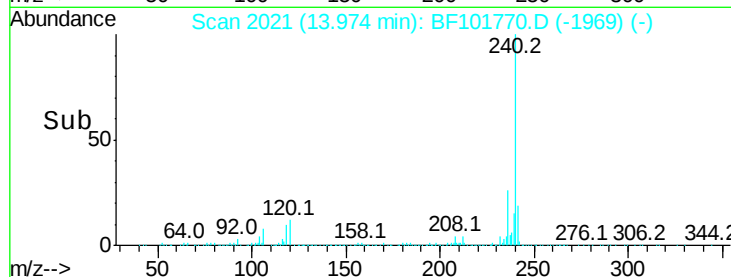
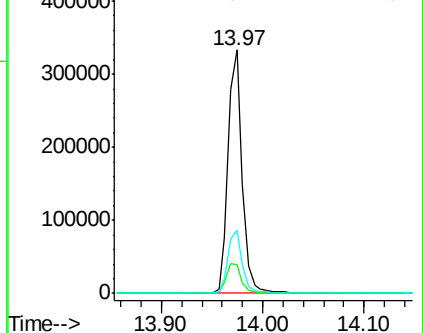
236 25.9 20.7 31.1



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: 35.746 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101770.D

Acq: 27 Dec 2017 18:48

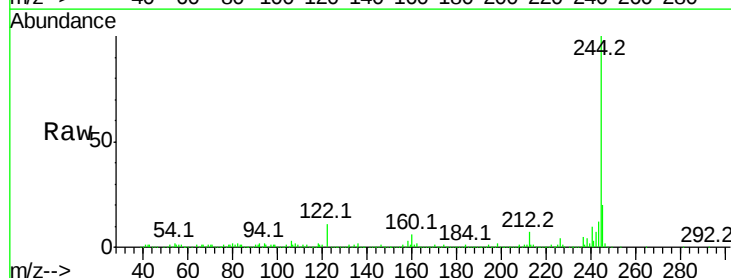
Tgt Ion:244 Resp: 475519

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

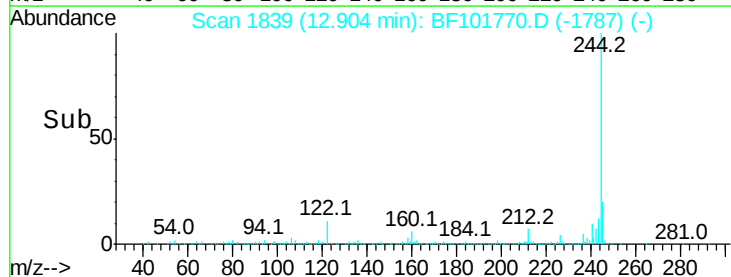
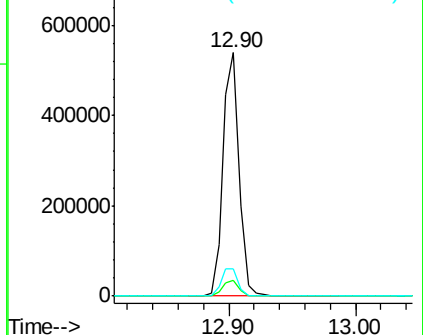
122 11.5 11.0 16.4

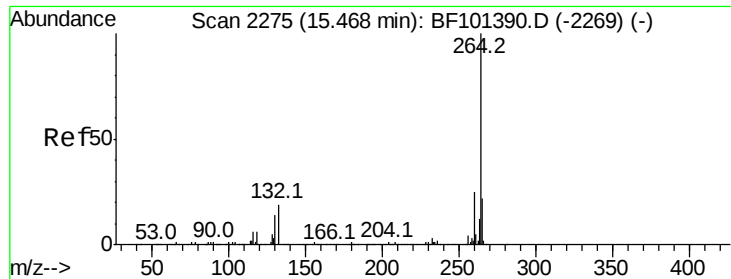


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

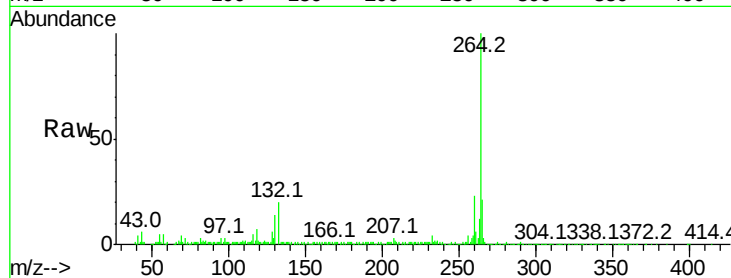




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101770.D
Acq: 27 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
AU-05-122617-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	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

