

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101580.D
 Acq On : 20 Dec 2017 20:54
 Operator : SJ/JU
 Sample : I6983-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Quant Time: Dec 21 04:08:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

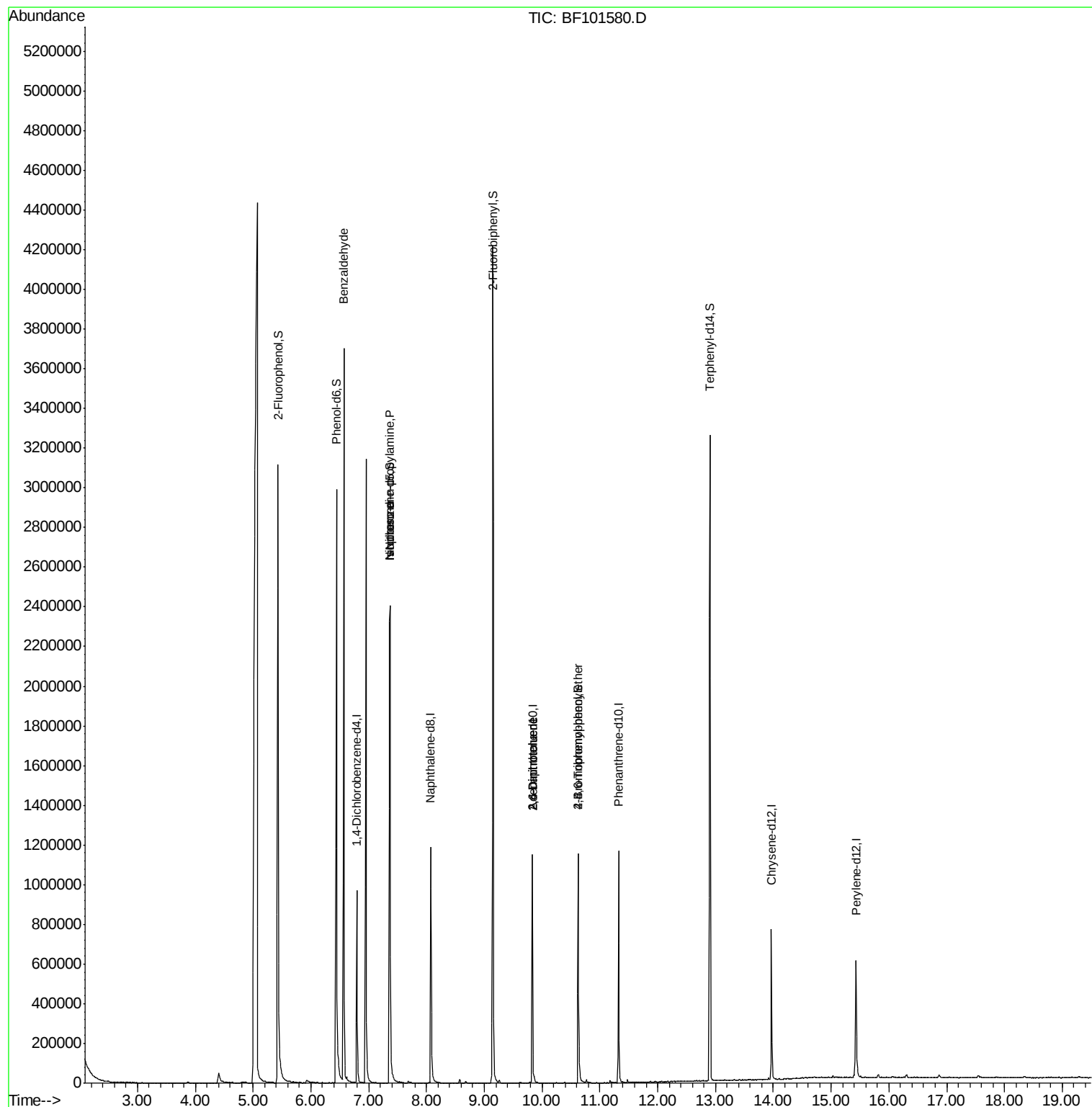
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	151561	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	599130	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	254643	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	430101	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269465	20.00	ng	0.00
86) Perylene-d12	15.43	264	312981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1020853	100.33	ng	0.02
7) Phenol-d6	6.44	99	1180317	93.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	963954	89.56	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	157165	64.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1497803	91.24	ng	0.00
78) Terphenyl-d14	12.90	244	1145432	102.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	23059	2.466	ng	87
19) n-Nitroso-di-n-propylamine	7.37	70	130353	15.675	ng	# 79
25) Isophorone	7.37	82	963954	44.646	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	31664	7.606	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	31664	6.751	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	10088	2.087	ng	# 1

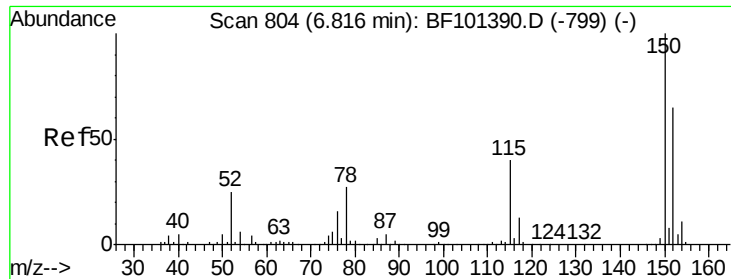
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
Data File : BF101580.D
Acq On : 20 Dec 2017 20:54
Operator : SJ/JU
Sample : I6983-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Quant Time: Dec 21 04:08:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration



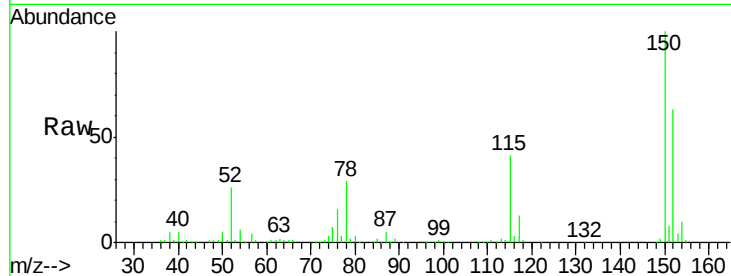


#1

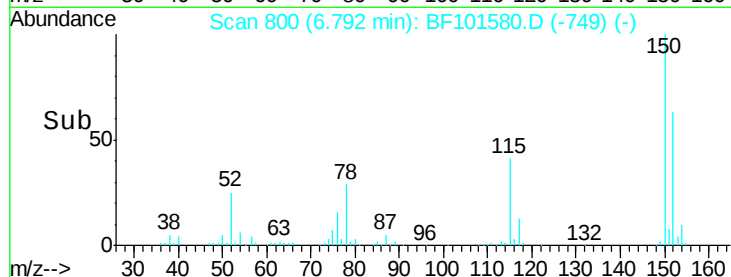
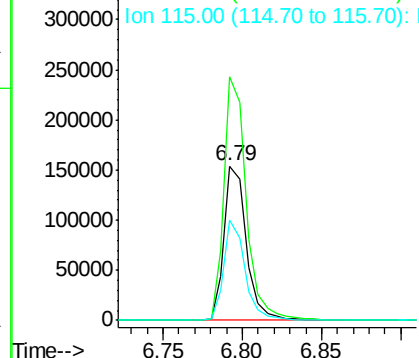
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tot Ion:152 Resp: 151561
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 65.3 50.1 75.1



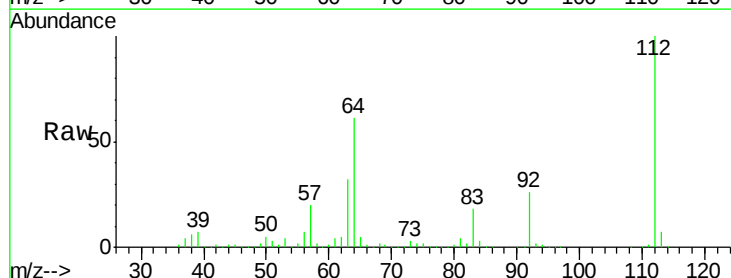
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



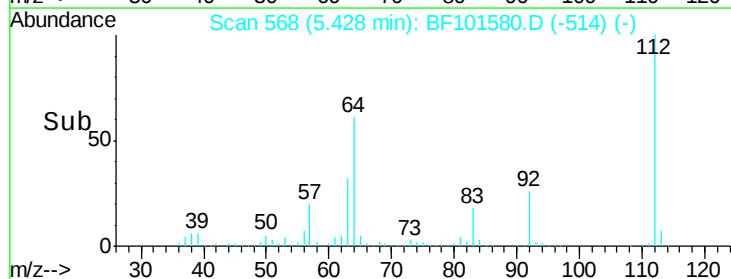
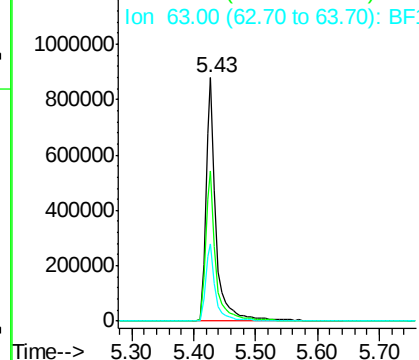
#5

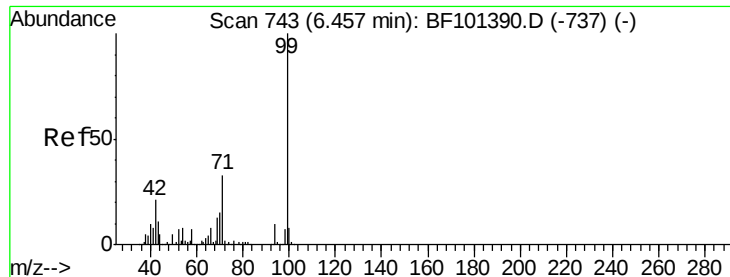
2-Fluorophenol
Concen: 100.332 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Tgt Ion:112 Resp: 1020853
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 32.0 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: 93.211 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

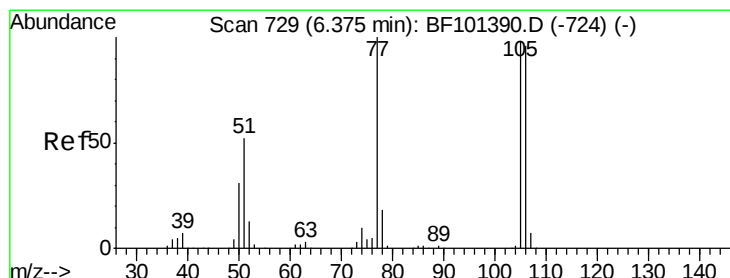
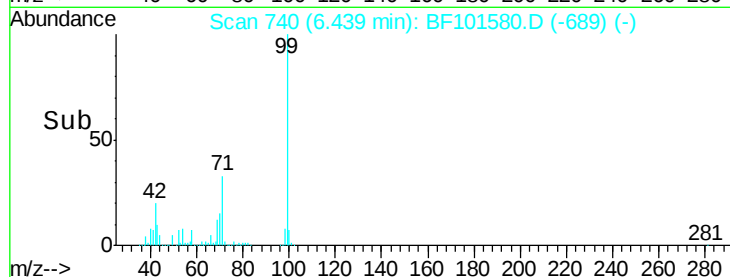
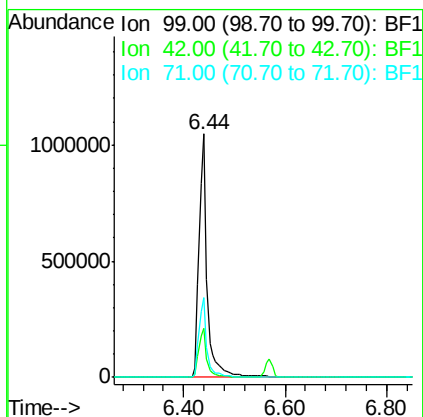
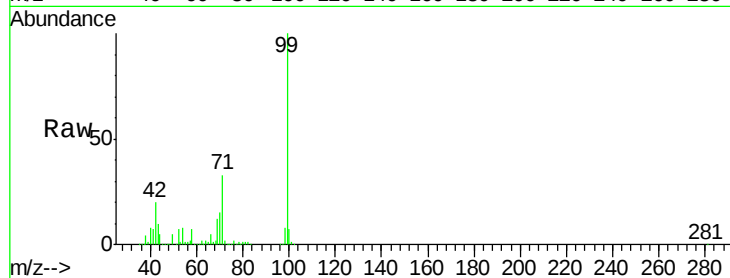
Tot Ion: 99 Resp: 1180317

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 32.8 25.4 38.0



#9

Benzaldehyde

Concen: 2.466 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

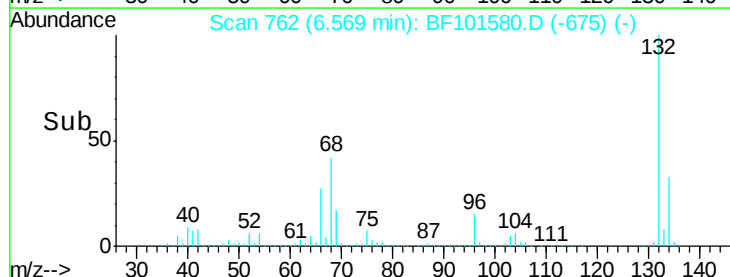
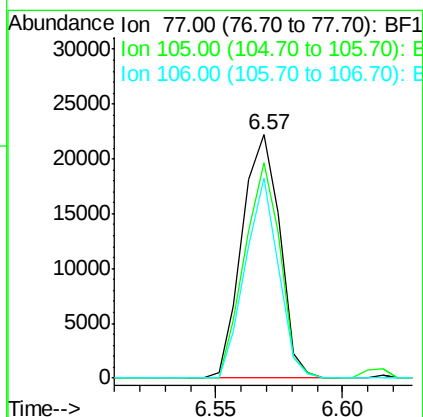
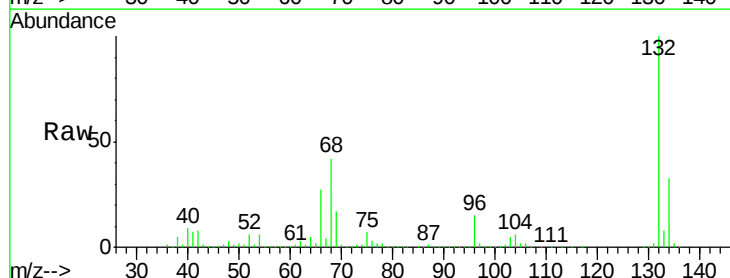
Tgt Ion: 77 Resp: 23059

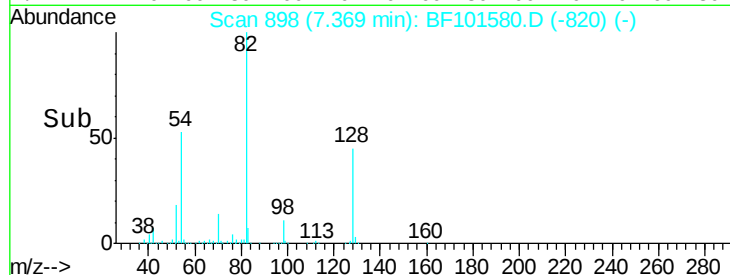
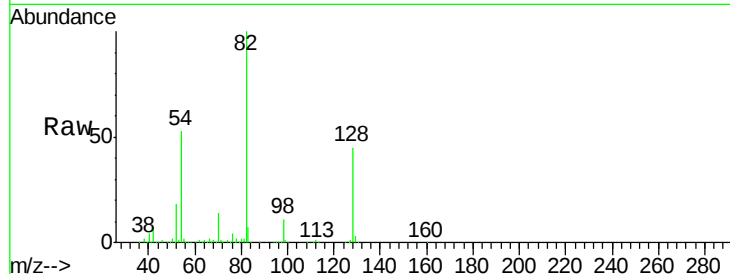
Ion Ratio Lower Upper

77 100

105 88.4 81.1 121.1

106 82.3 74.5 114.5

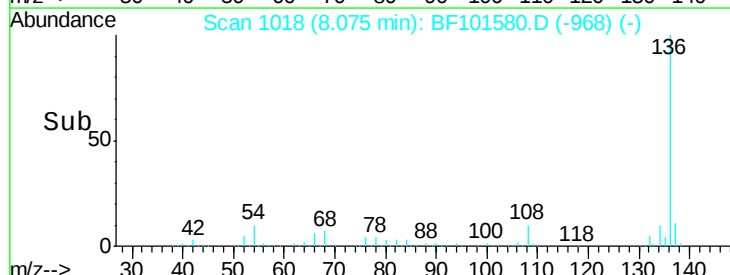
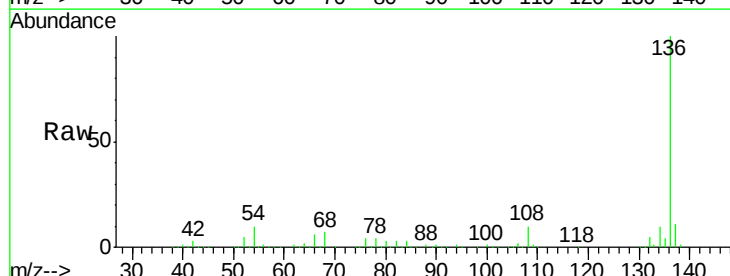
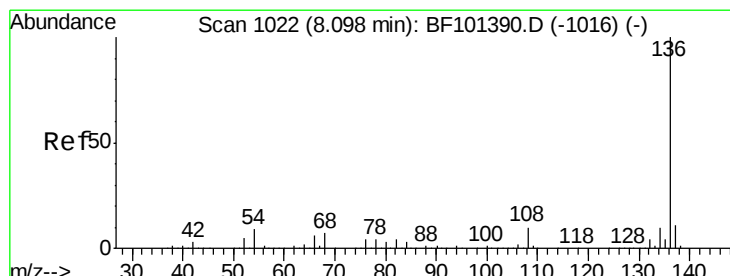
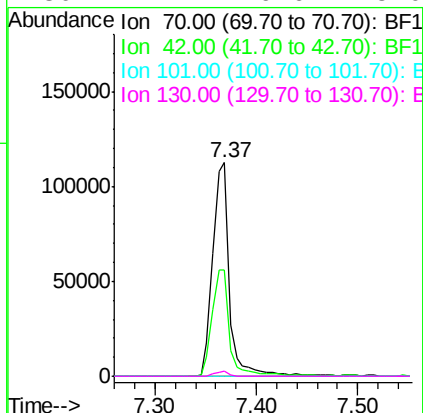




#19
n-Nitroso-di-n-propylamine
Concen: 15.675 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.16 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

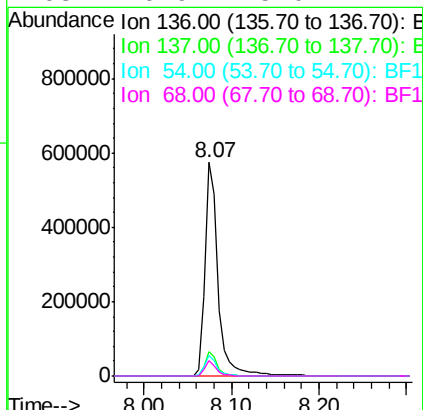
Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

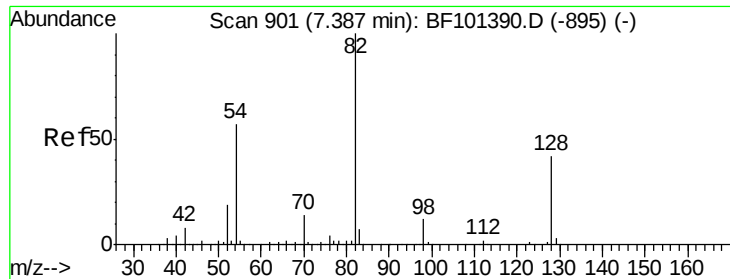
Tot Ion: 70 Resp: 130353
Ion Ratio Lower Upper
70 100
42 49.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Tgt Ion: 136 Resp: 599130
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.7 6.6 9.8
68 6.9 5.0 7.4

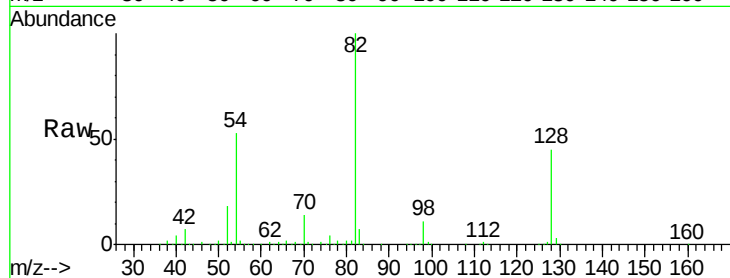




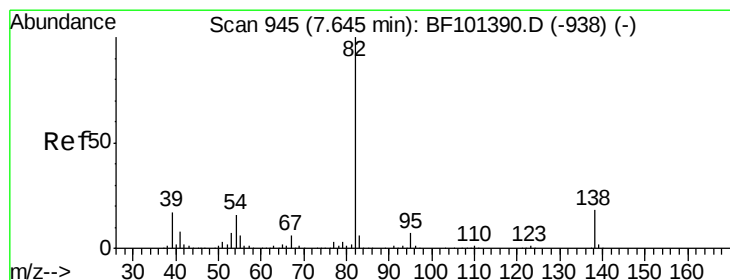
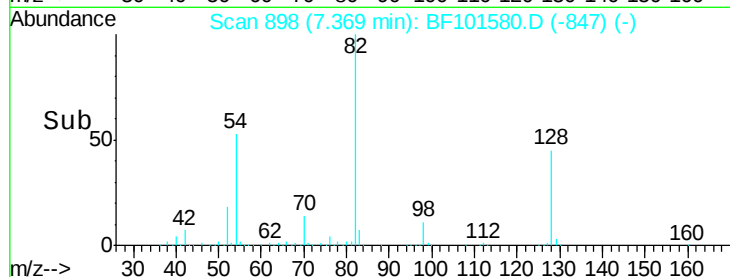
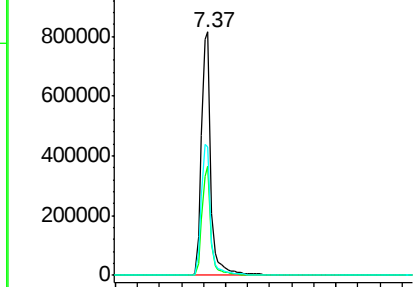
#23
Nitrobenzene-d5
Concen: 89.562 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tot Ion	82	Resp	963954
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	52.8	41.4	62.2

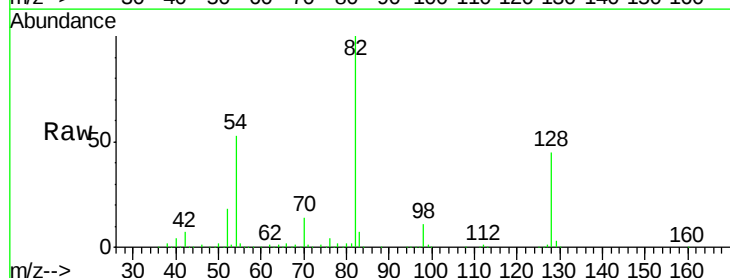


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

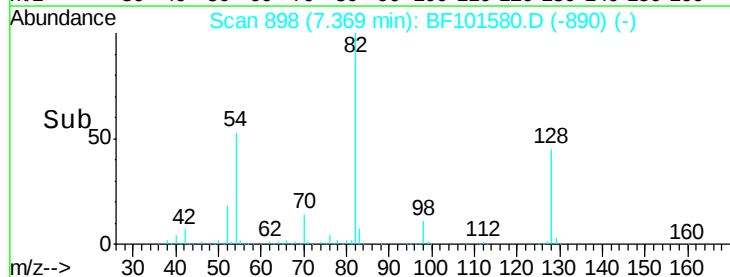
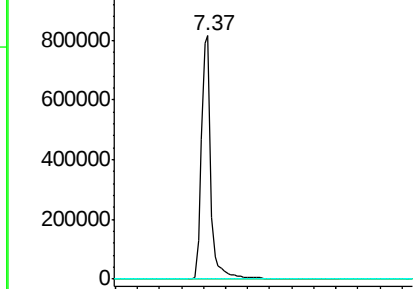


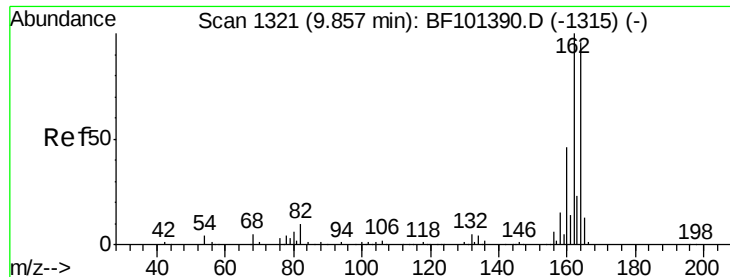
#25
Isophorone
Concen: 44.646 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.25 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Tgt Ion	82	Resp	963954
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

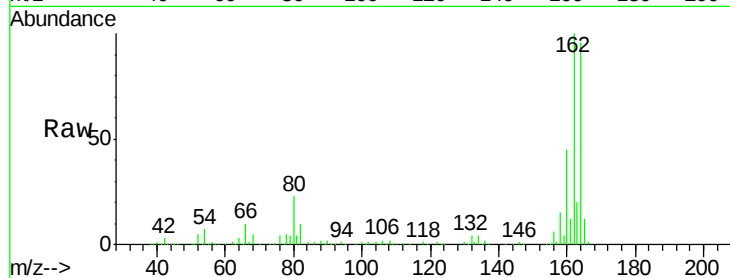
Tot Ion:164 Resp: 254643

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

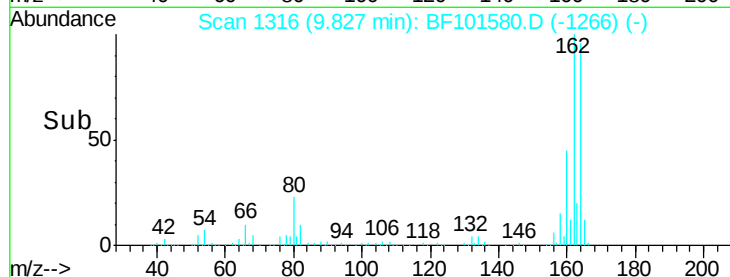
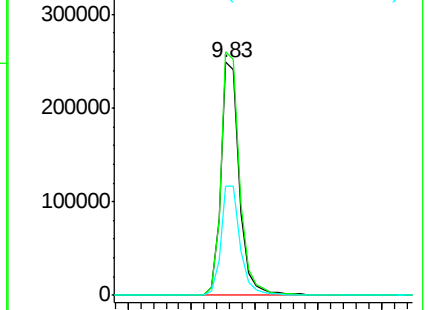
160 46.8 38.3 57.5



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: 64.053 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

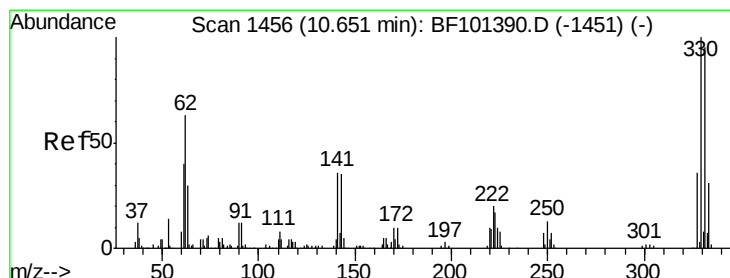
Tgt Ion:330 Resp: 157165

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

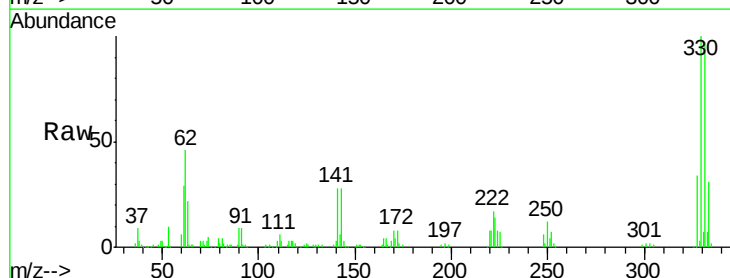
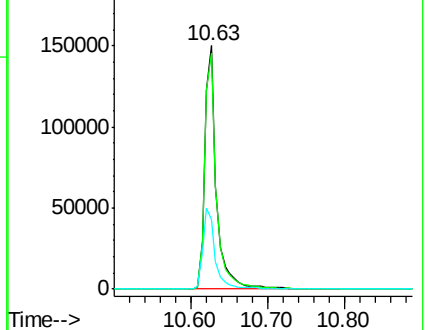
141 35.5 29.9 44.9

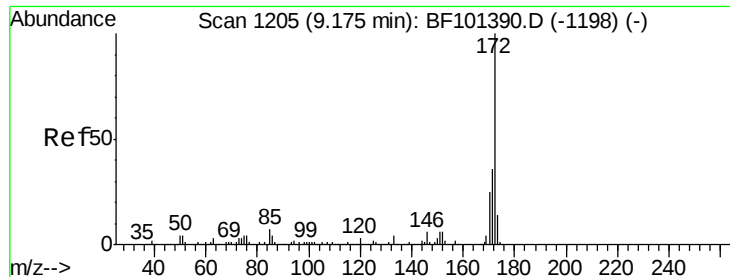


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 91.244 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCW

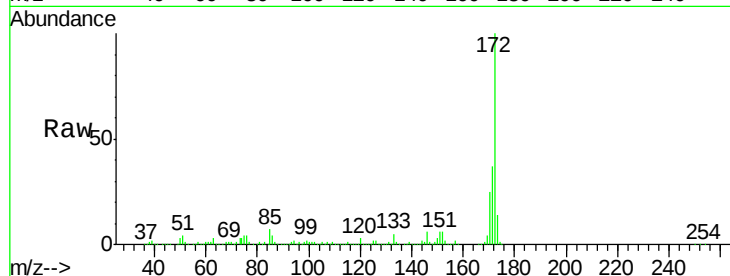
Tot Ion:172 Resp: 1497803

Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

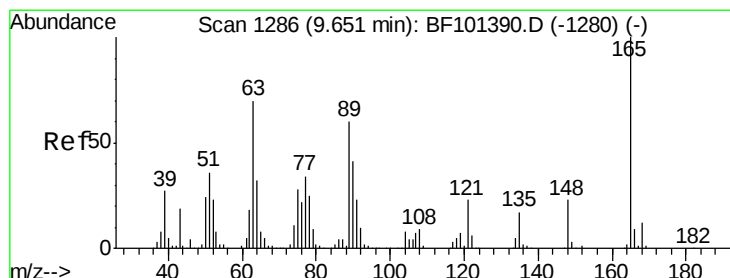
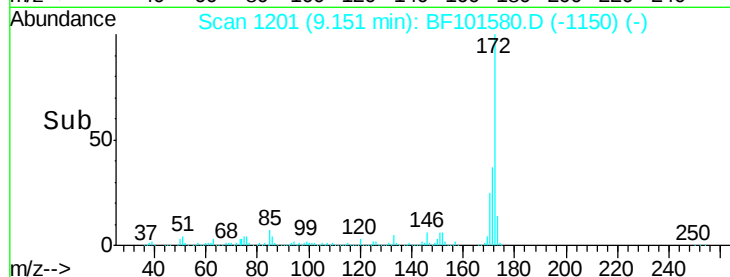
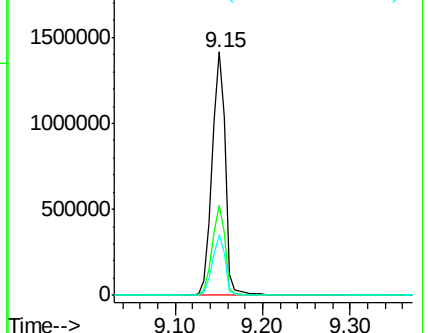
170 25.1 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 7.606 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.19 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

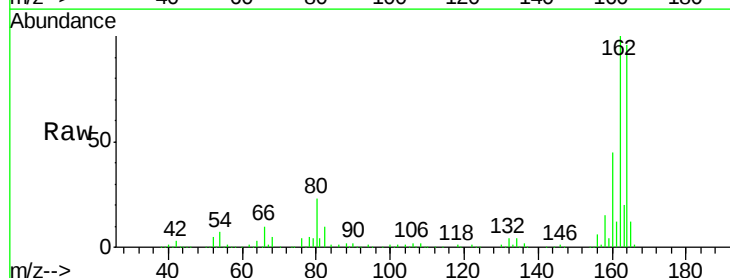
Tgt Ion:165 Resp: 31664

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

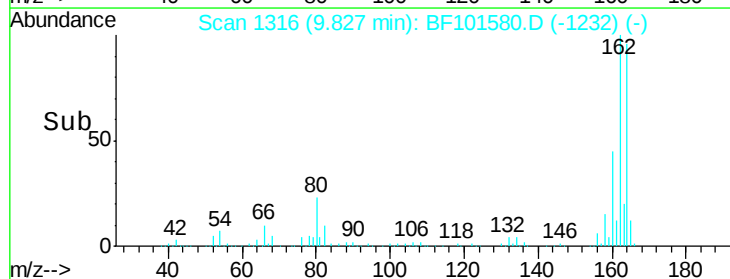
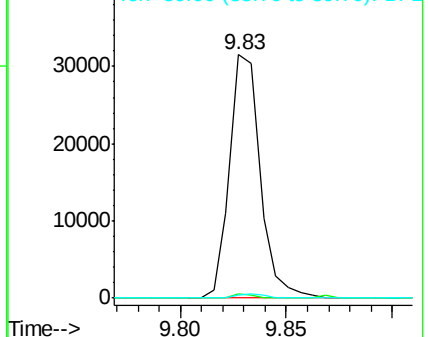
89 1.4 44.0 66.0#

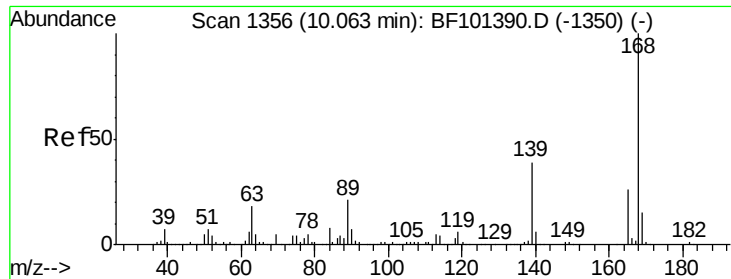


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

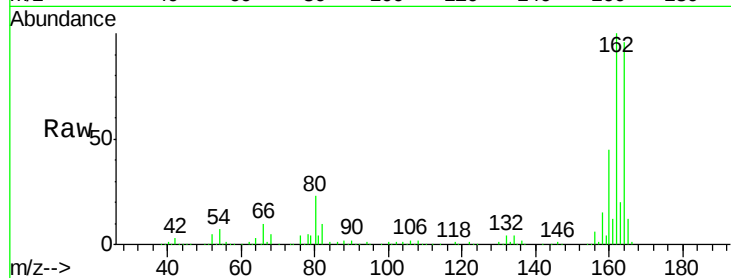




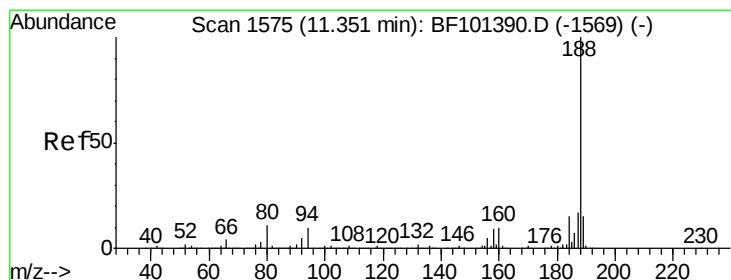
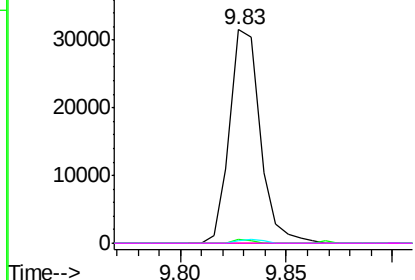
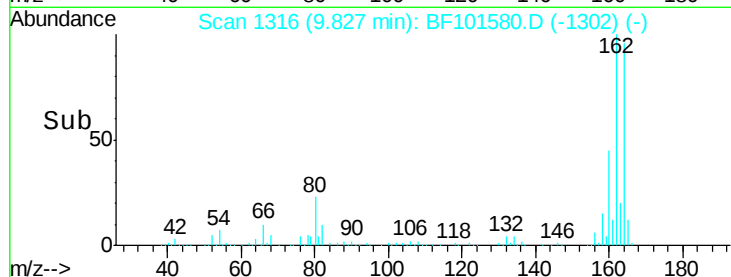
#56
 2,4-Dinitrotoluene
 Concen: 6.751 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF101580.D
 Acq: 20 Dec 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCW

Tot Ion:	165	Resp:	31664
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

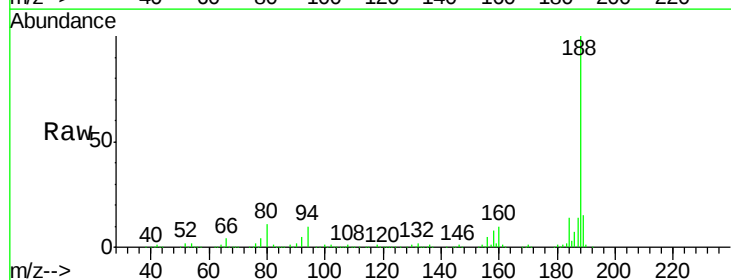


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

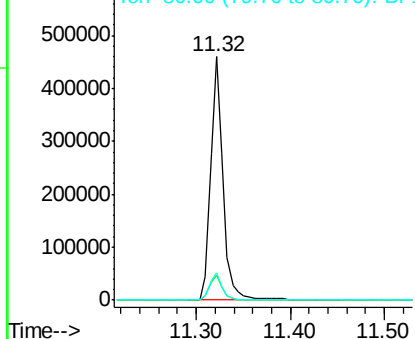
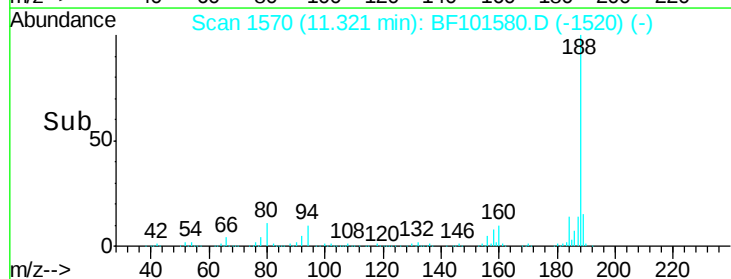


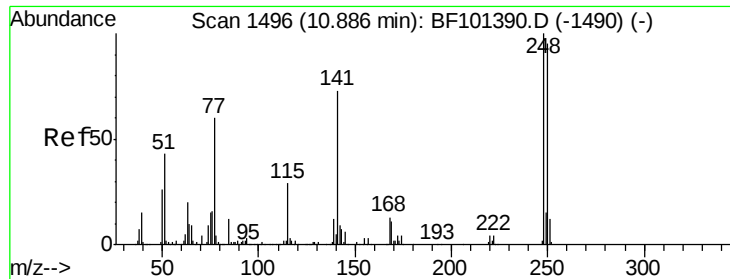
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101580.D
 Acq: 20 Dec 2017 20:54

Tgt Ion:	188	Resp:	430101
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.3	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

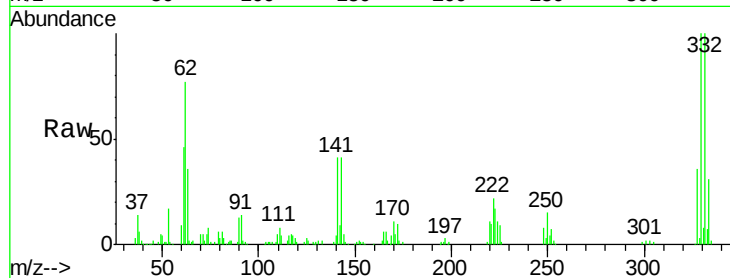




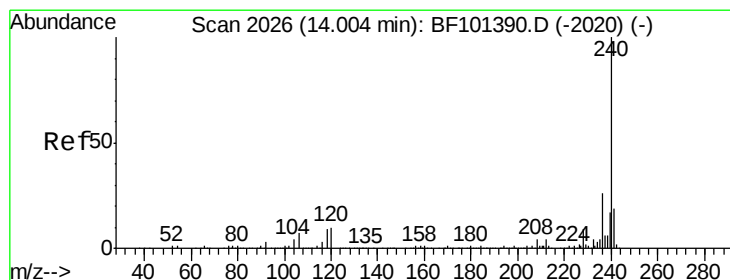
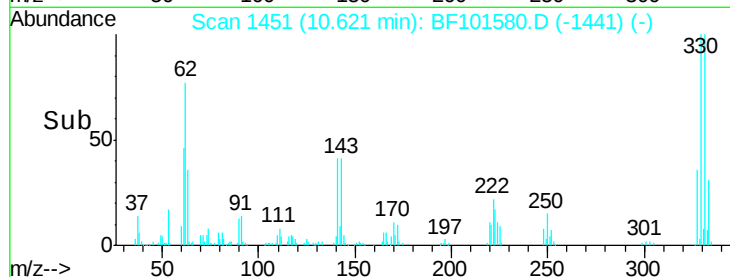
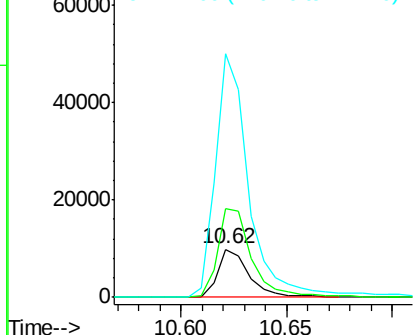
#66
4-Bromophenyl-phenylether
Concen: 2.087 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCW

Tot Ion:248 Resp: 10088
Ion Ratio Lower Upper
248 100
250 185.0 76.9 115.3#
141 508.9 74.4 111.6#

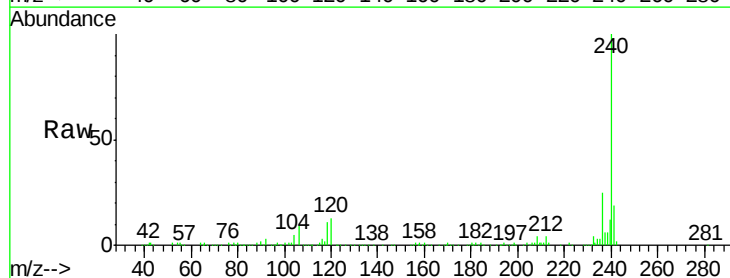


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

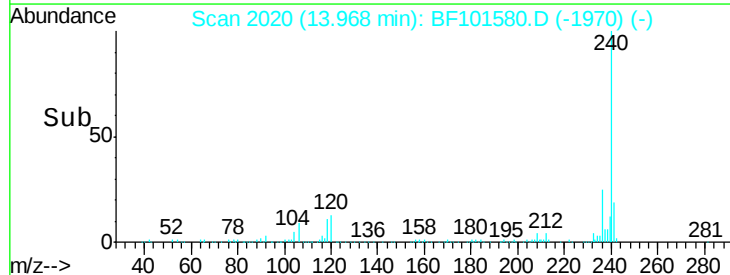
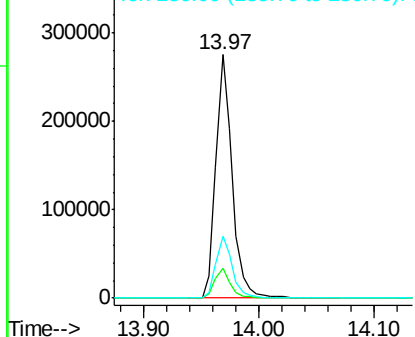


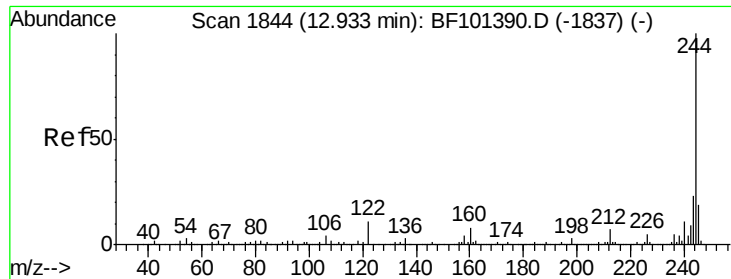
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101580.D
Acq: 20 Dec 2017 20:54

Tgt Ion:240 Resp: 269465
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.5 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: 102.476 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

Instrument :

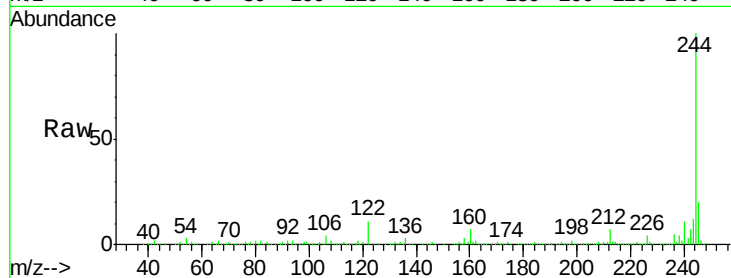
BNA_F

ClientSampleId :

PHMHB-WCW

Tot Ion:244 Resp: 1145432

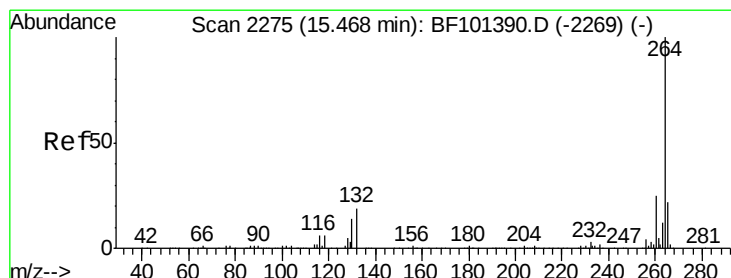
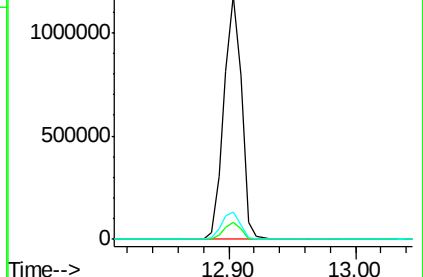
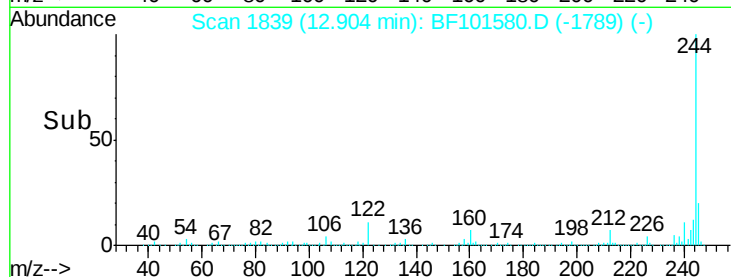
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.1	11.0	16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

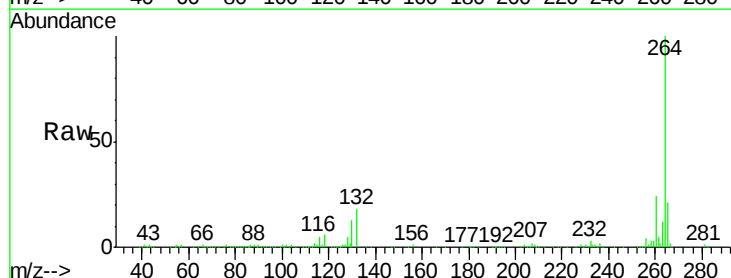
Delta R.T. -0.00 min

Lab File: BF101580.D

Acq: 20 Dec 2017 20:54

Tgt Ion:264 Resp: 312981

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.0	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

