

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101468.D
 Acq On : 16 Dec 2017 3:29
 Operator : SJ/JU
 Sample : I6882-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121117-TIDO-E-D-M

Quant Time: Dec 16 05:09:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

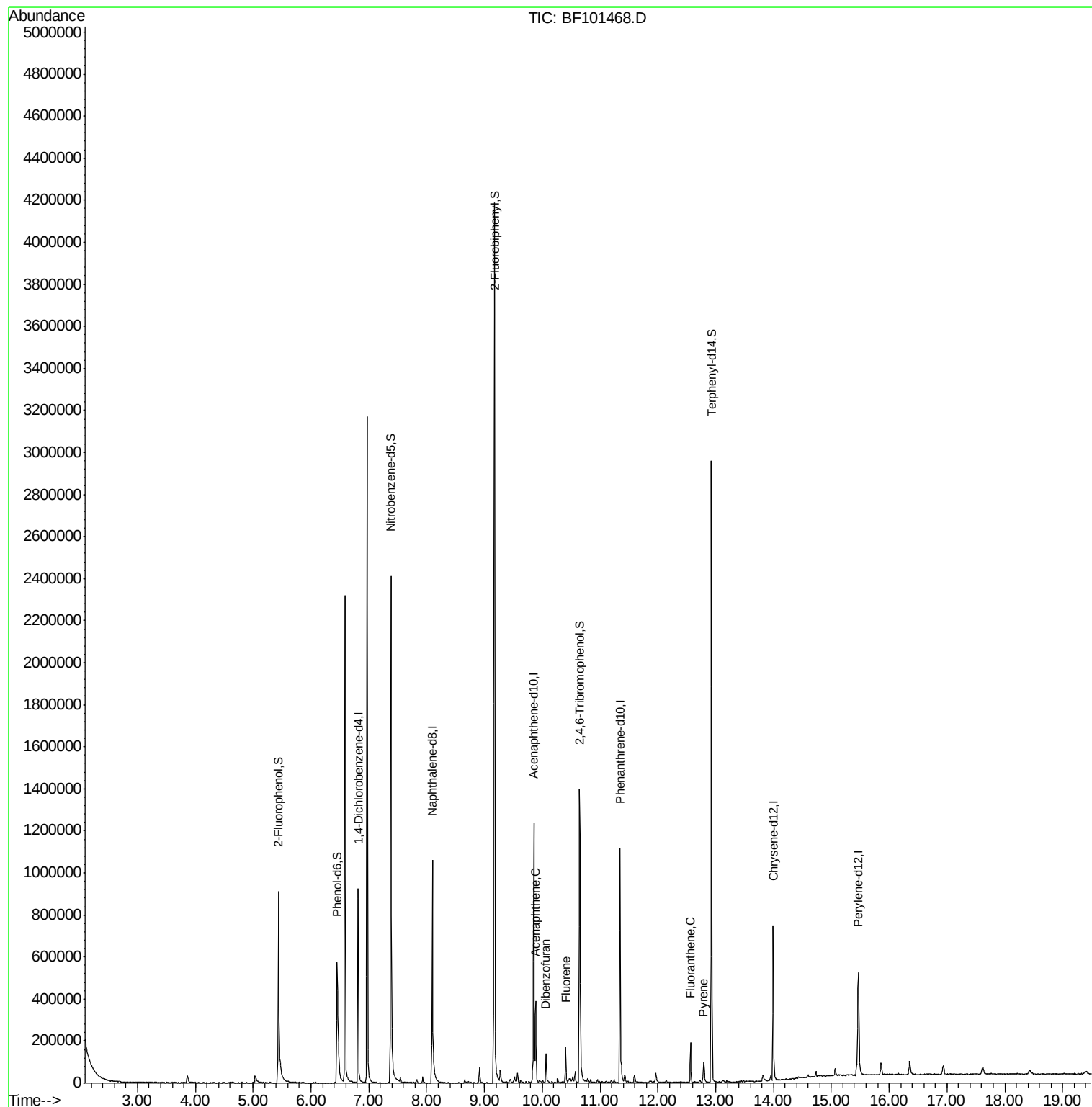
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	150139	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	613162	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	251576	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	422932	20.00	ng	0.00
75) Chrysene-d12	14.00	240	296394	20.00	ng	0.00
86) Perylene-d12	15.47	264	273453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	393386	39.03	ng	0.00
7) Phenol-d6	6.45	99	290158	23.13	ng	0.00
23) Nitrobenzene-d5	7.39	82	925787	84.05	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	200118	82.55	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1485659	91.61	ng	0.00
78) Terphenyl-d14	12.93	244	1103094	89.72	ng	0.00
Target Compounds						
51) Acenaphthene	9.89	154	85536	5.280	ng	96
54) Dibenzofuran	10.06	168	63233	3.071	ng	99
57) Fluorene	10.40	166	49635	2.850	ng	98
74) Fluoranthene	12.56	202	80522	3.262	ng	99
77) Pyrene	12.80	202	49231	2.213	ng	98

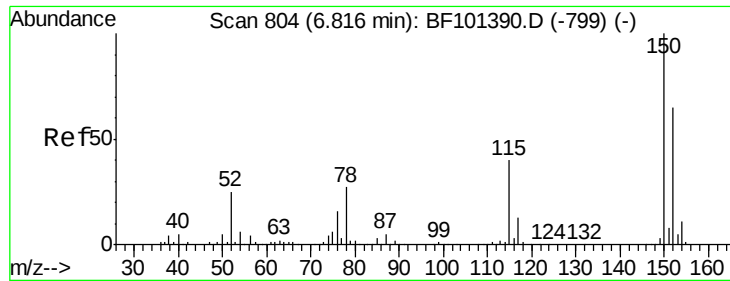
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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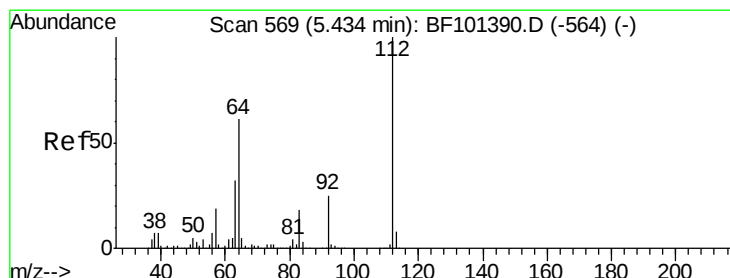
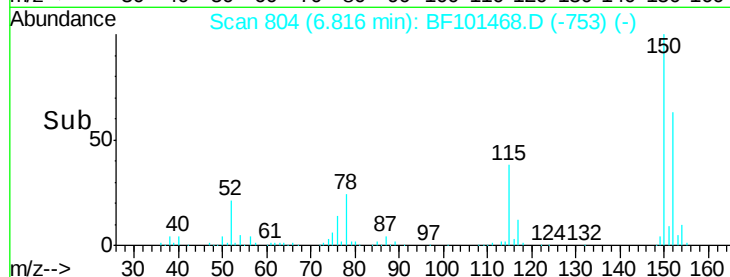
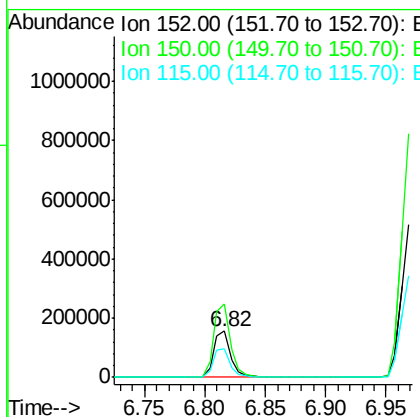
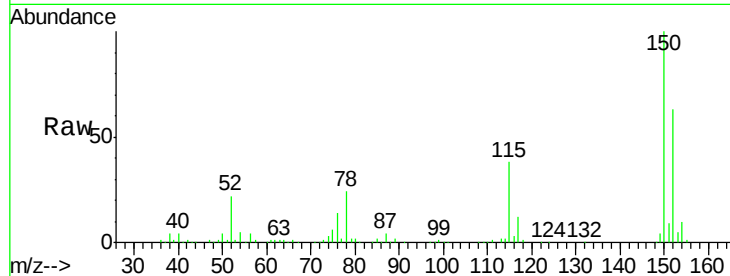




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

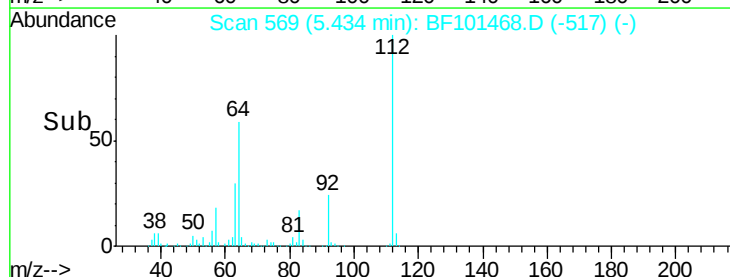
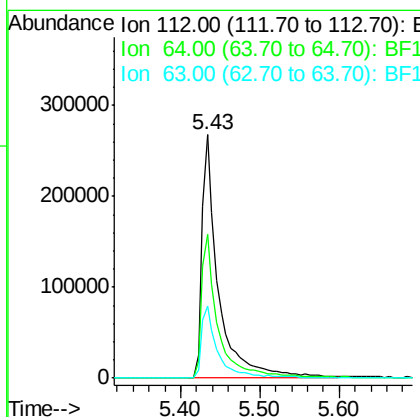
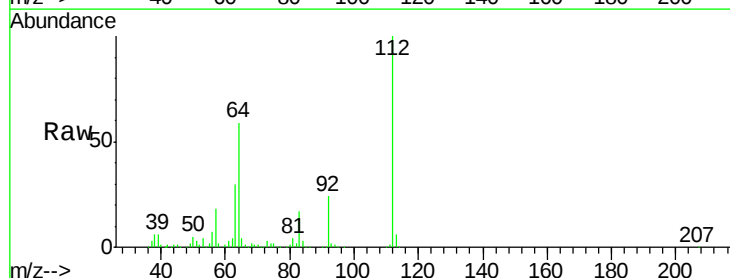
Instrument :
 BNA_F
 ClientSampleId :
 121117-TIDO-E-D-M

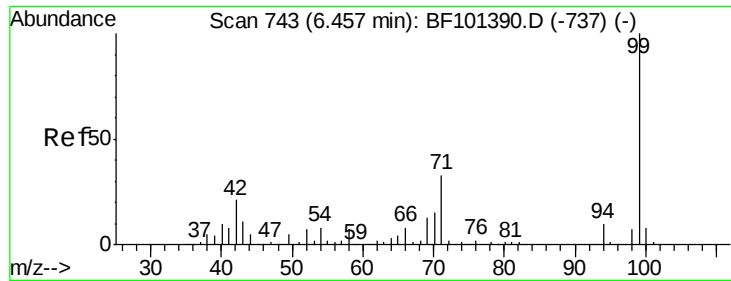
Tgt Ion:152 Resp: 150139
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 60.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 39.029 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

Tgt Ion:112 Resp: 393386
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.9 71.9
 63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 23.131 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101468.D

Acq: 16 Dec 2017 3:29

Instrument :

BNA_F

ClientSampleId :

121117-TIDO-E-D-M

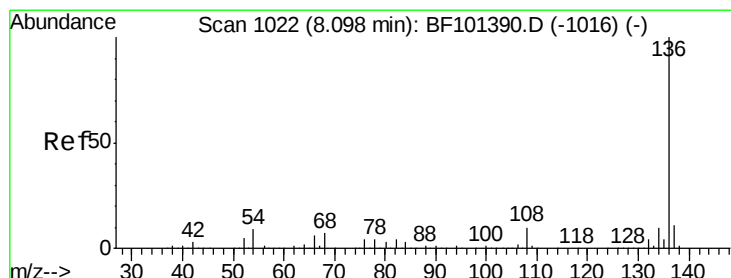
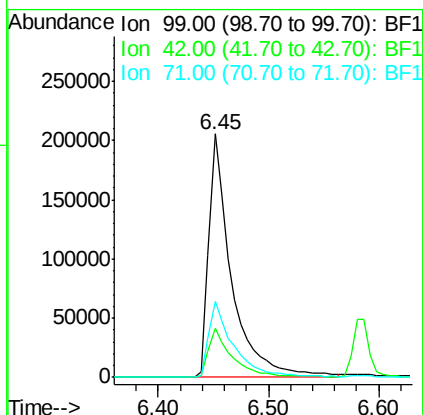
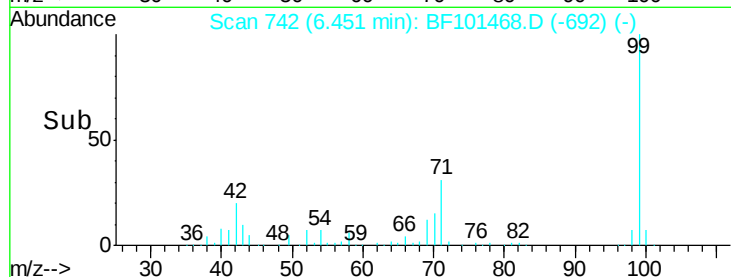
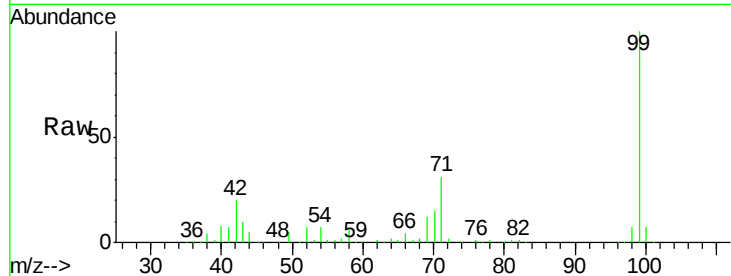
Tgt Ion: 99 Resp: 290158

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 31.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF101468.D

Acq: 16 Dec 2017 3:29

Tgt Ion: 136 Resp: 613162

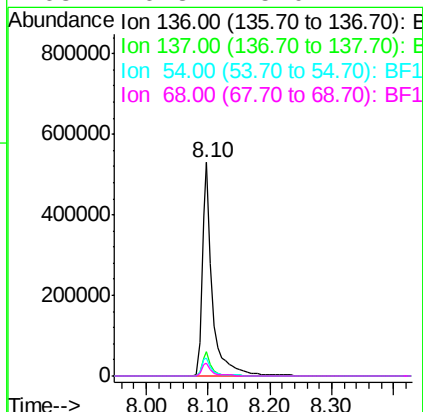
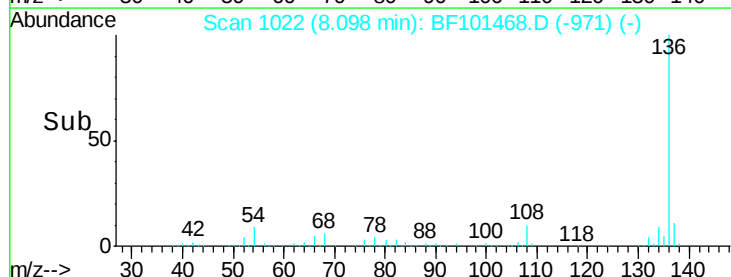
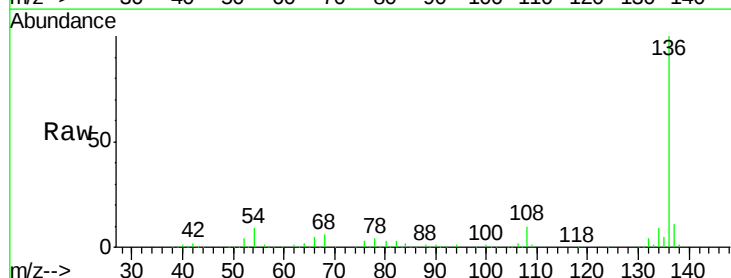
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.5 6.6 9.8

68 6.3 5.0 7.4

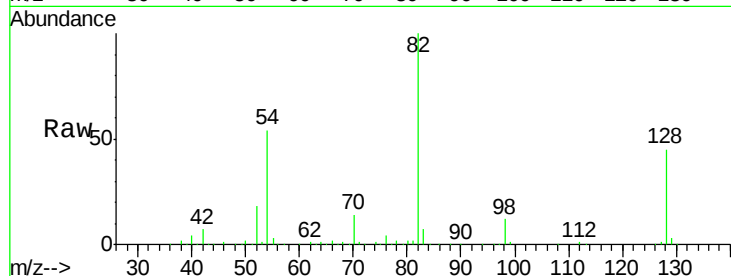




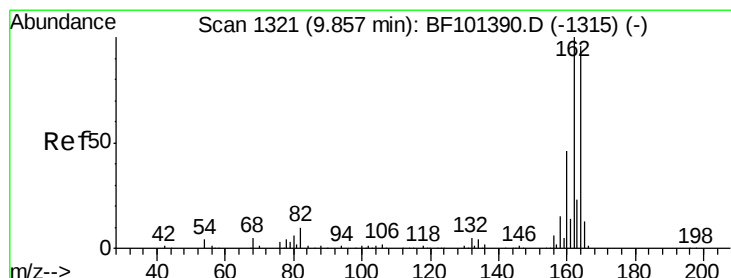
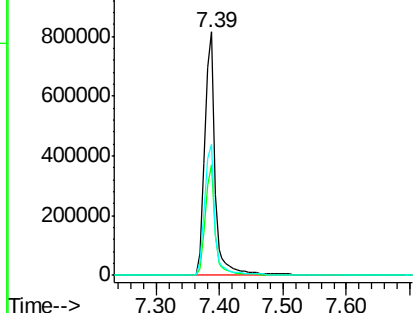
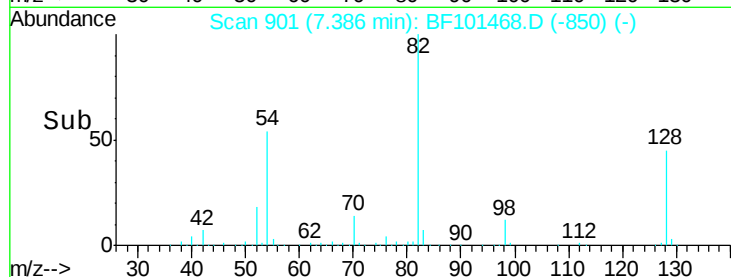
#23
 Nitrobenzene-d5
 Concen: 84.047 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

Instrument :
 BNA_F
 ClientSampleId :
 121117-TIDO-E-D-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	53.7	41.4	62.2

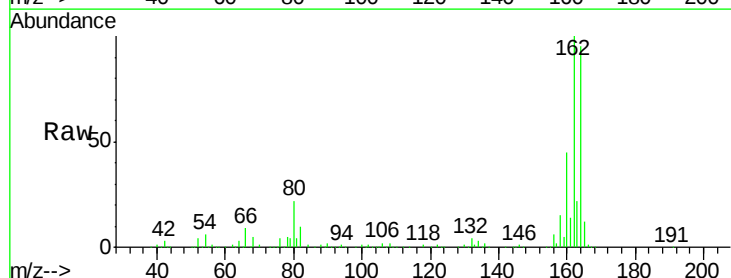


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

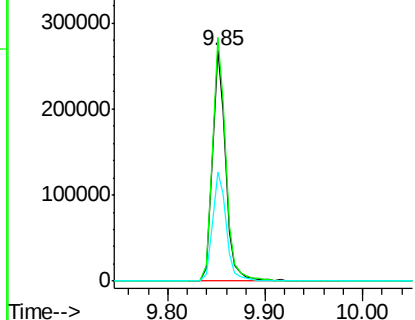
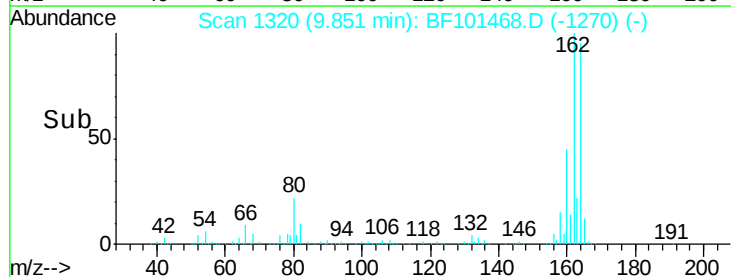


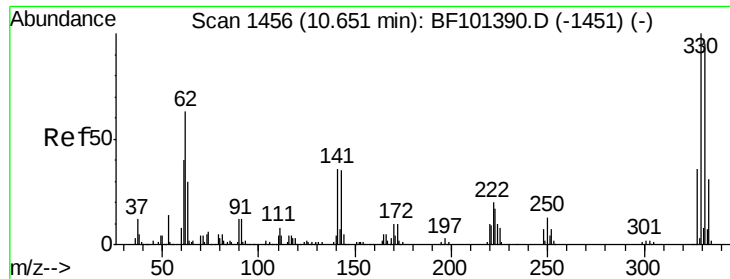
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	47.4	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

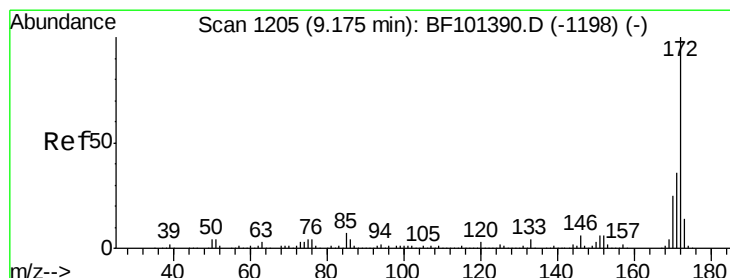
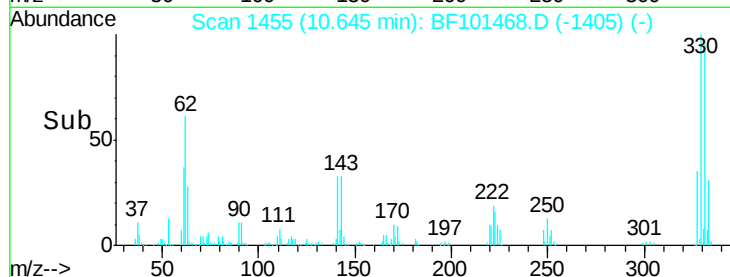
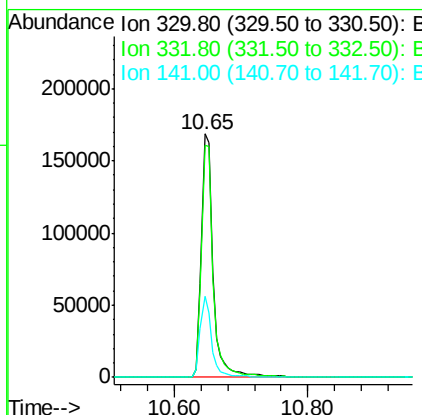
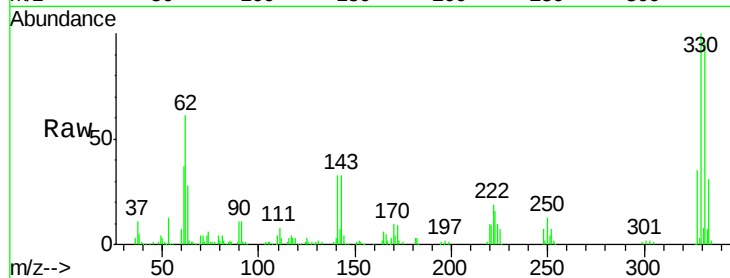




#41
 2,4,6-Tribromophenol
 Concen: 82.552 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

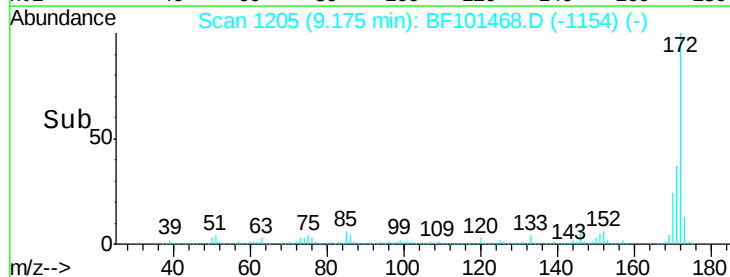
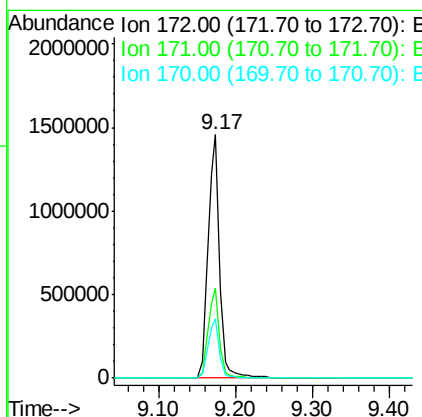
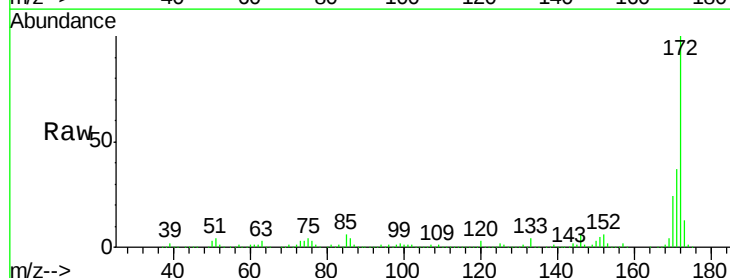
Instrument :
 BNA_F
 ClientSampleId :
 121117-TIDO-E-D-M

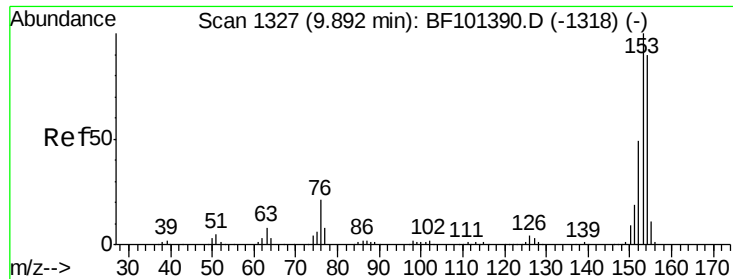
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.607 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.3	19.6	29.4





#51

Acenaphthene

Concen: 5.280 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF101468.D

Acq: 16 Dec 2017 3:29

Instrument :

BNA_F

ClientSampleId :

121117-TIDO-E-D-M

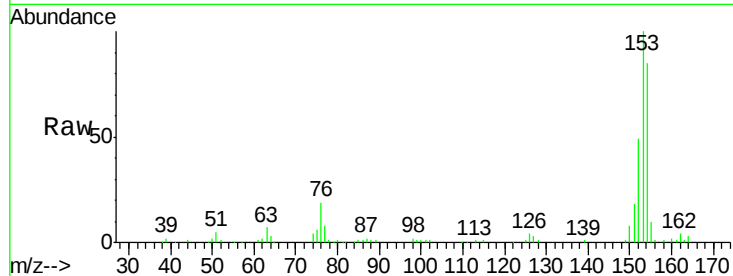
Tgt Ion:154 Resp: 85536

Ion Ratio Lower Upper

154 100

153 118.2 91.2 136.8

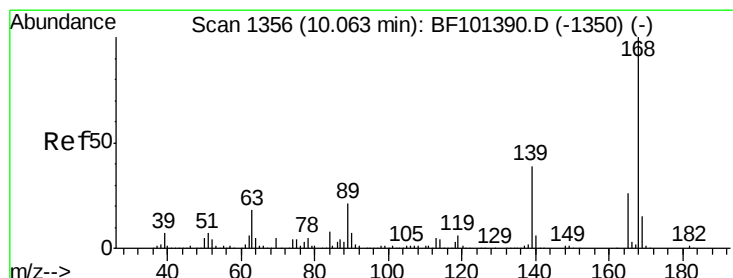
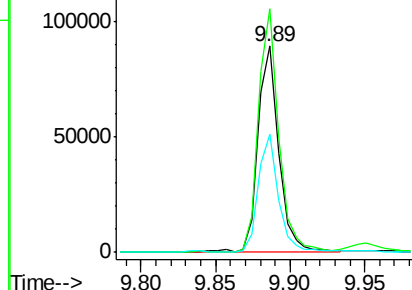
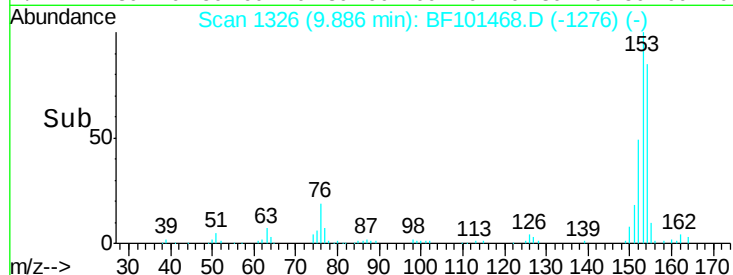
152 57.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 3.071 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF101468.D

Acq: 16 Dec 2017 3:29

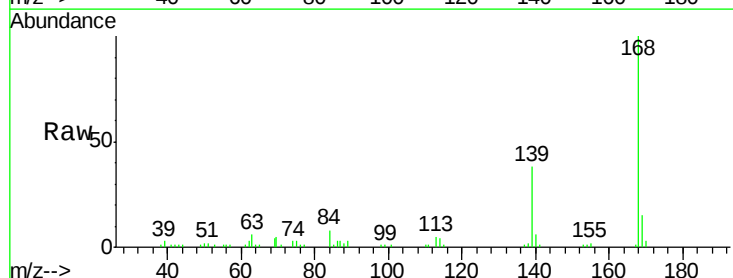
Tgt Ion:168 Resp: 63233

Ion Ratio Lower Upper

168 100

139 38.1 30.1 45.1

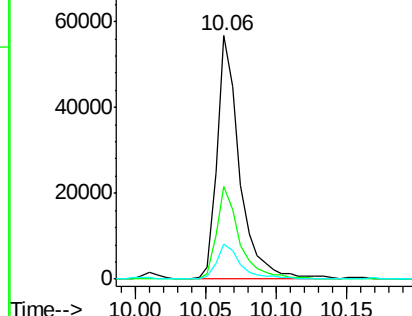
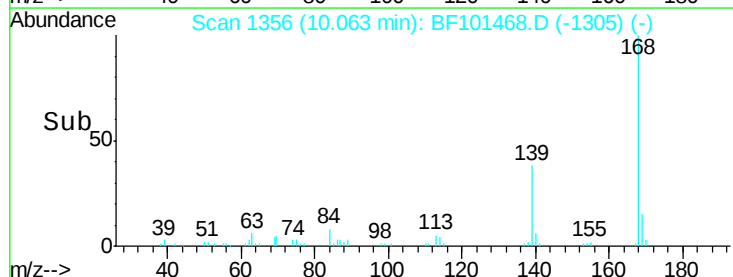
169 14.5 10.9 16.3

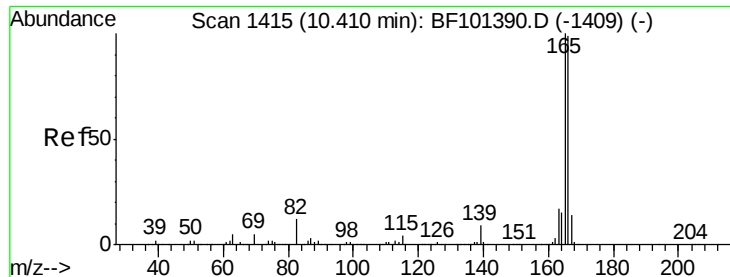


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

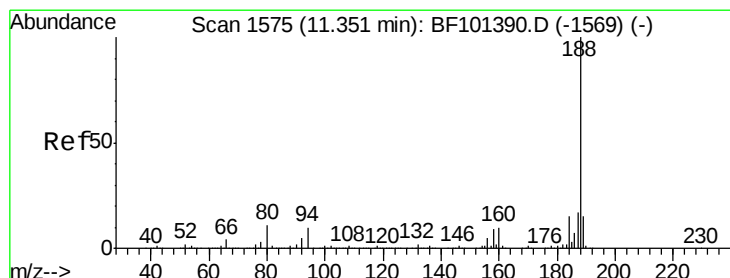
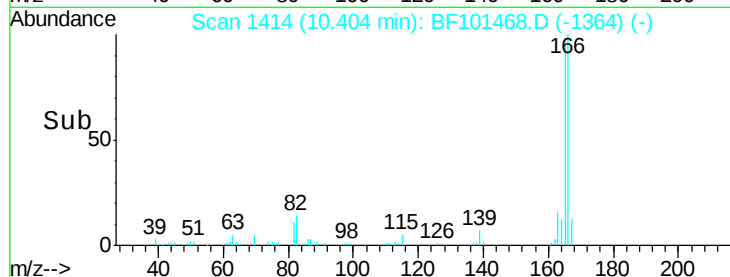
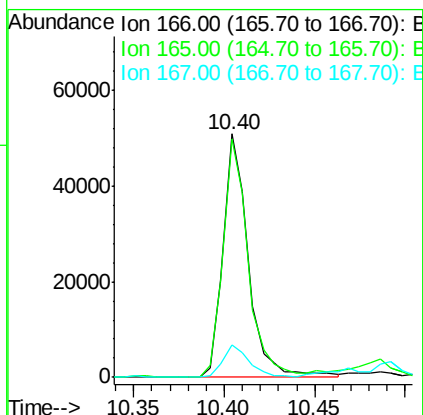
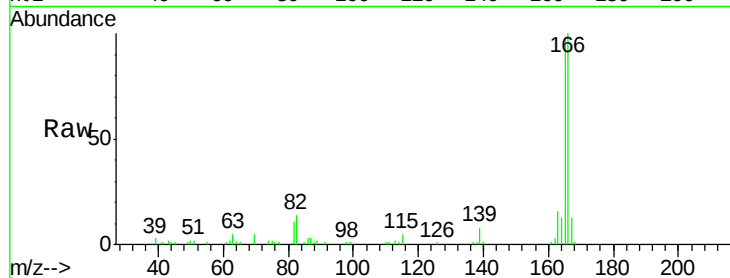




#57
Fluorene
 Concen: 2.850 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

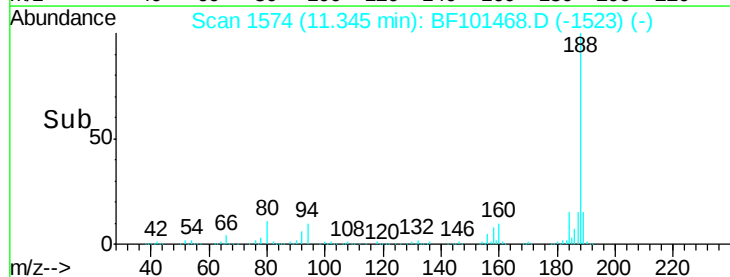
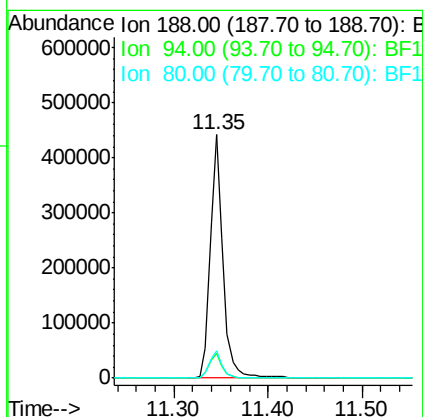
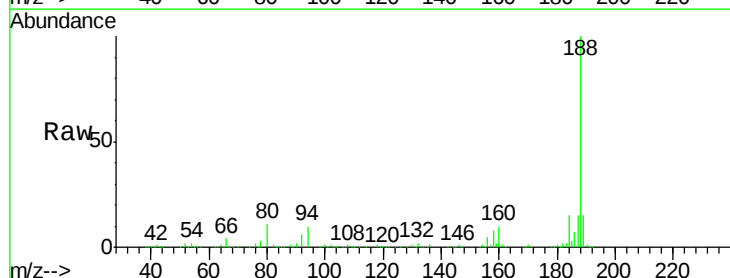
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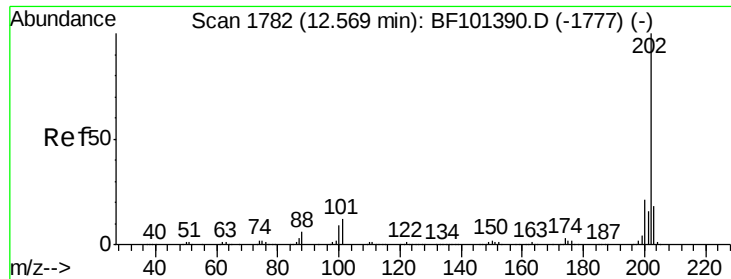
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.5	10.6	16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.1	9.2	13.8





#74

Fluoranthene

Concen: 3.262 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF101468.D

Acq: 16 Dec 2017 3:29

Instrument :

BNA_F

ClientSampleId :

121117-TIDO-E-D-M

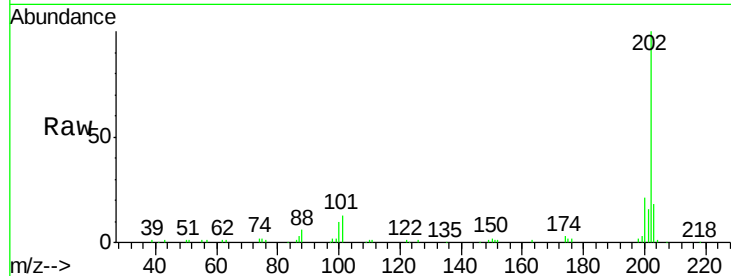
Tgt Ion: 202 Resp: 80522

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

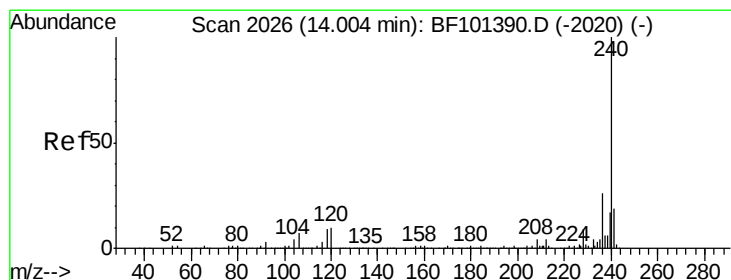
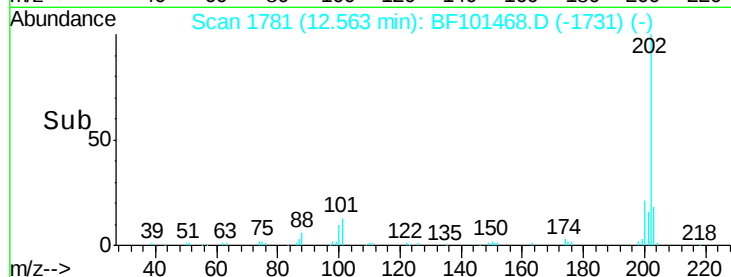
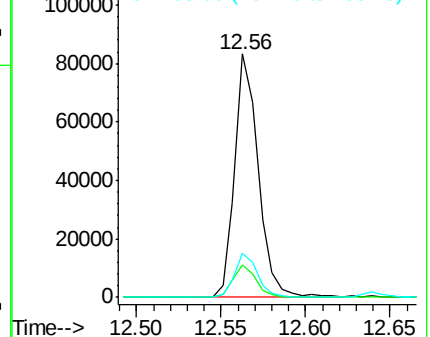
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101468.D

Acq: 16 Dec 2017 3:29

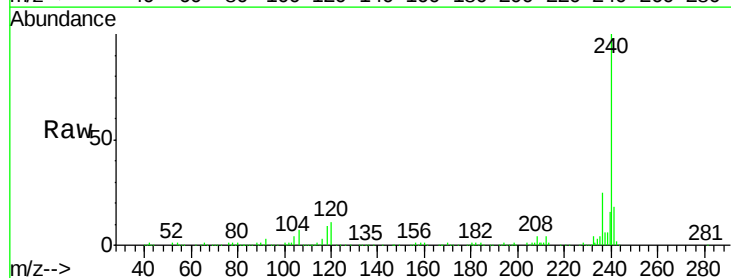
Tgt Ion: 240 Resp: 296394

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

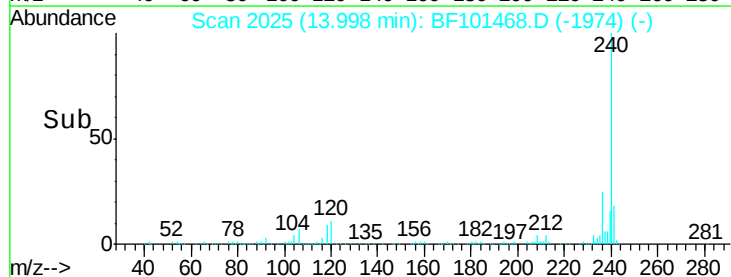
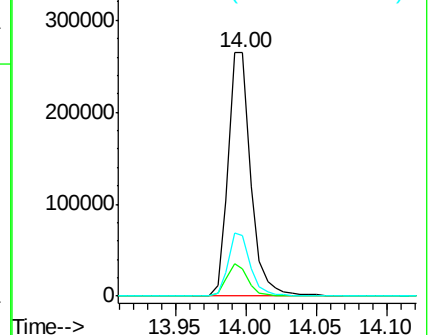
236 24.8 20.7 31.1

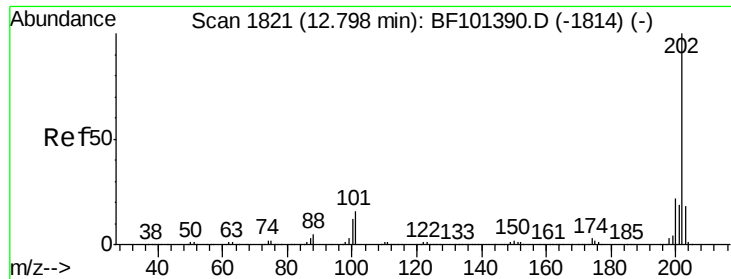


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

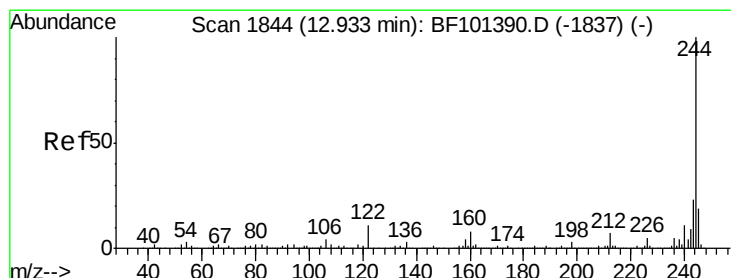
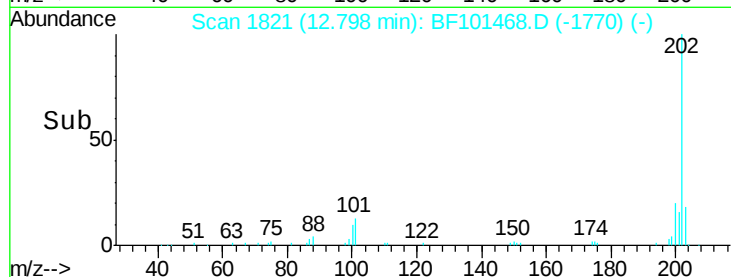
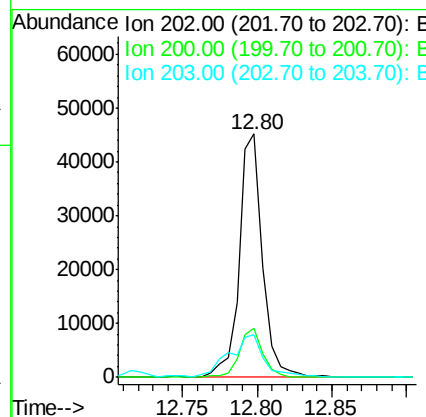
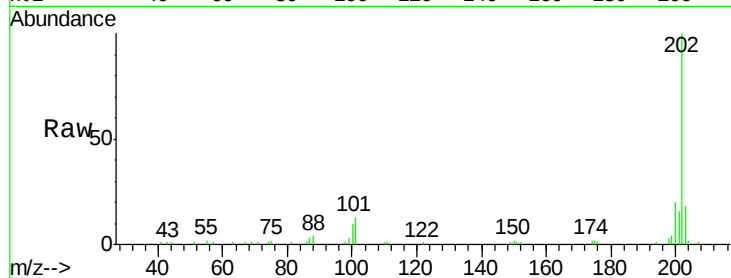




#77
 Pyrene
 Concen: 2.213 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

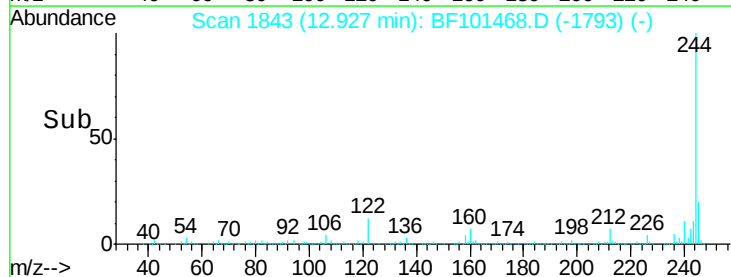
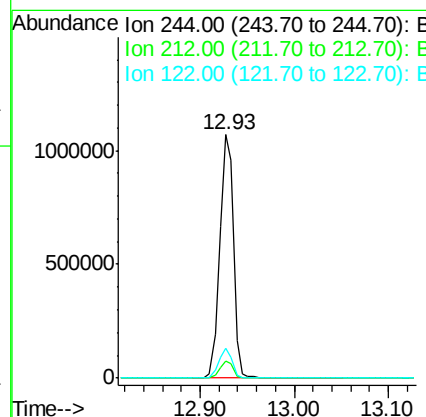
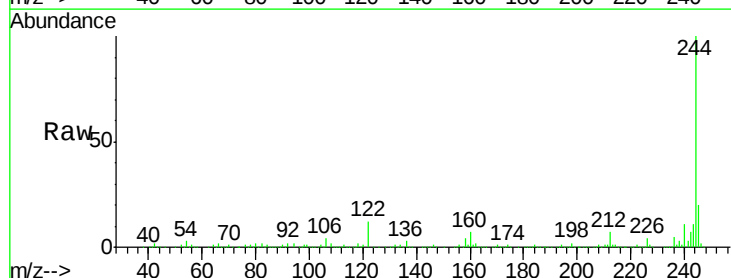
Instrument :
 BNA_F
 ClientSampleId :
 121117-TIDO-E-D-M

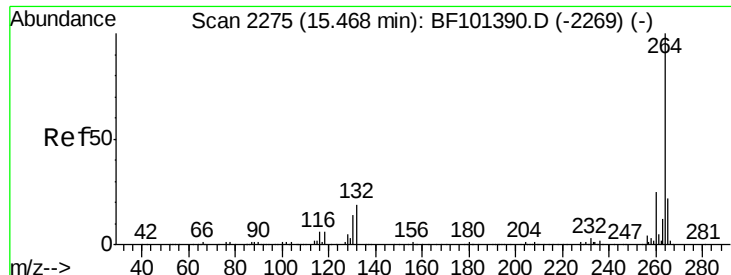
Tgt Ion: 202 Resp: 49231
 Ion Ratio Lower Upper
 202 100
 200 20.4 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 89.722 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF101468.D
 Acq: 16 Dec 2017 3:29

Tgt Ion: 244 Resp: 1103094
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.2 11.0 16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101468.D
Acq: 16 Dec 2017 3:29

Instrument :
BNA_F
ClientSampleId :
121117-TIDO-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.6	17.5	26.3

