

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101552.D
 Acq On : 20 Dec 2017 5:51
 Operator : SJ/JU
 Sample : I6956-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121417-TIDO-E-D-S

Quant Time: Dec 20 07:47:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

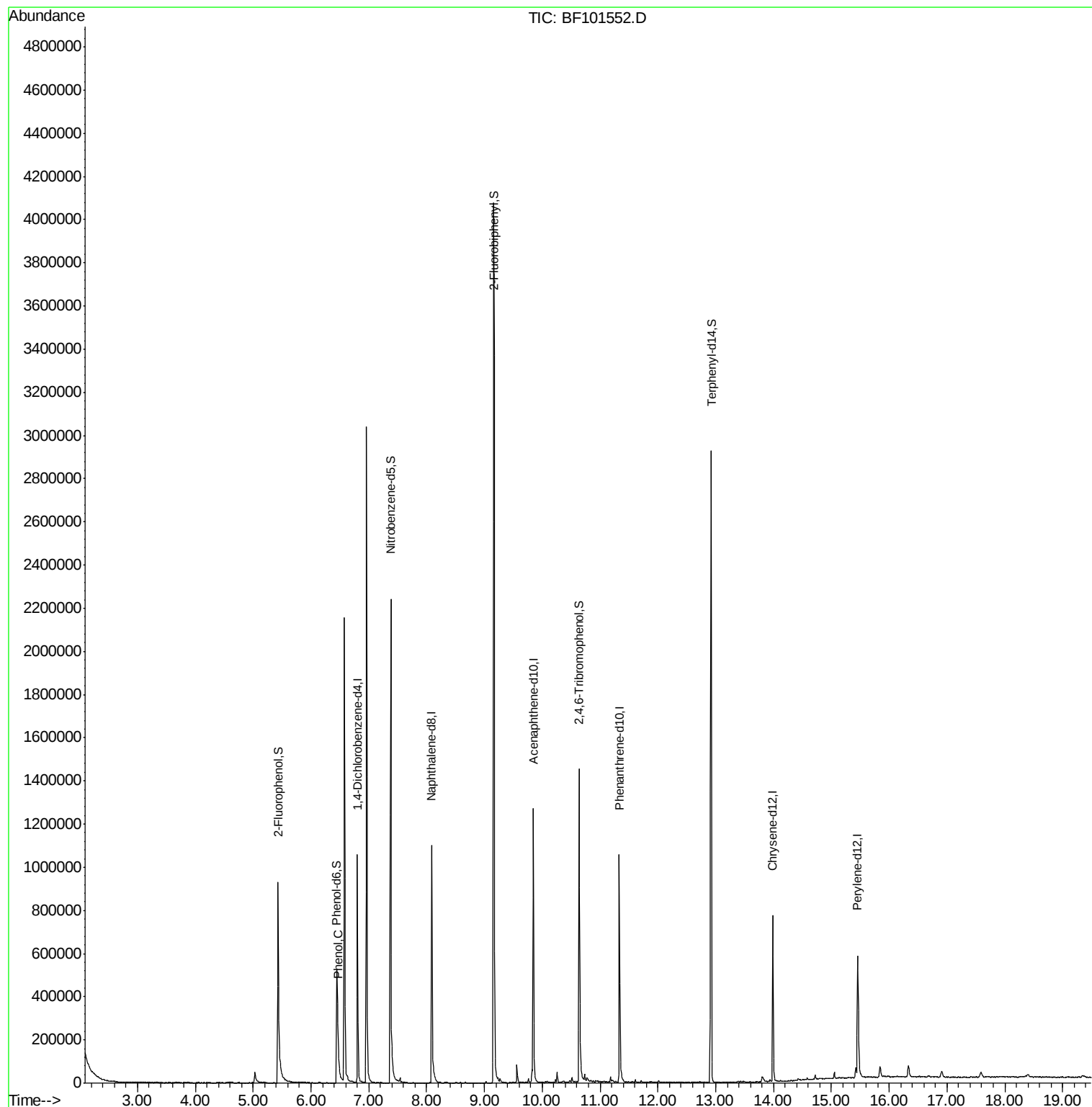
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158117	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	640925	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	272589	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	468542	20.00	ng	0.00
75) Chrysene-d12	13.99	240	308905	20.00	ng	0.00
86) Perylene-d12	15.46	264	329103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	409486	38.58	ng	0.00
7) Phenol-d6	6.45	99	296850	22.47	ng	0.00
23) Nitrobenzene-d5	7.38	82	928833	80.67	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	204576	77.89	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1504506	85.62	ng	0.00
78) Terphenyl-d14	12.92	244	1089639	85.04	ng	0.00
Target Compounds						
10) Phenol	6.47	94	34035	2.260	ng	Qvalue 82

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

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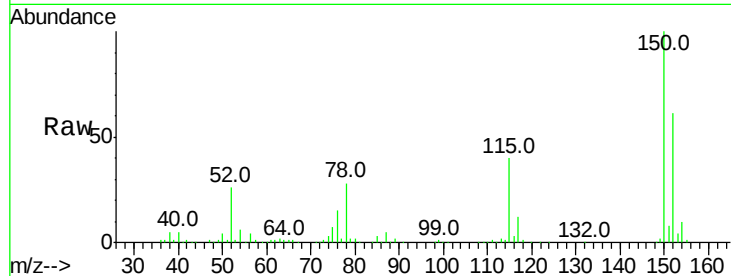


#1

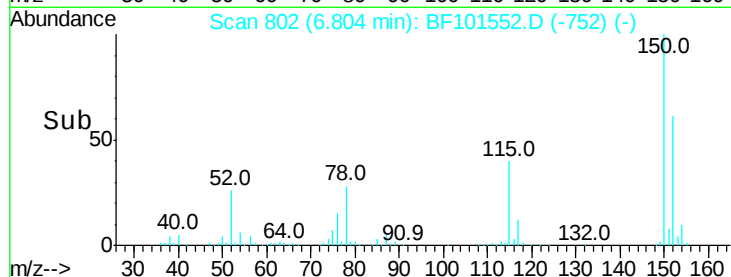
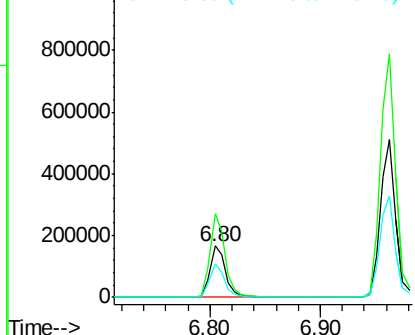
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

Instrument :
BNA_F
ClientSampleId :
121417-TIDO-E-D-S

Tot Ion:152 Resp: 158117
Ion Ratio Lower Upper
152 100
150 162.9 124.6 186.8
115 65.5 50.1 75.1



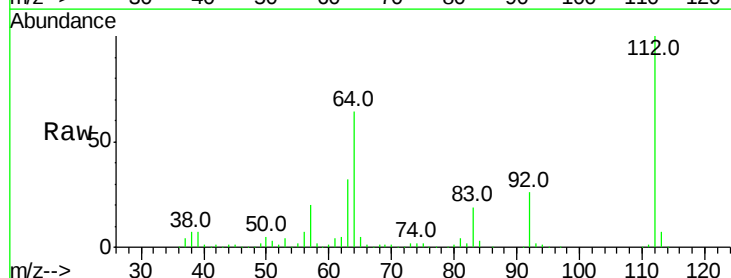
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



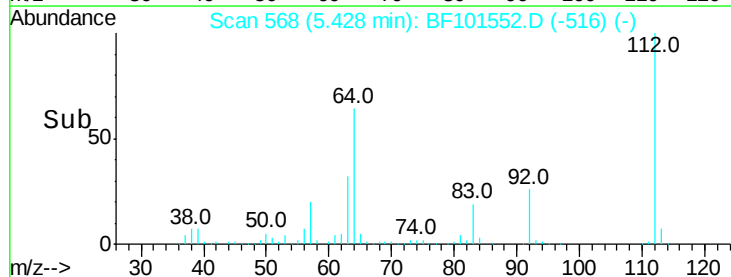
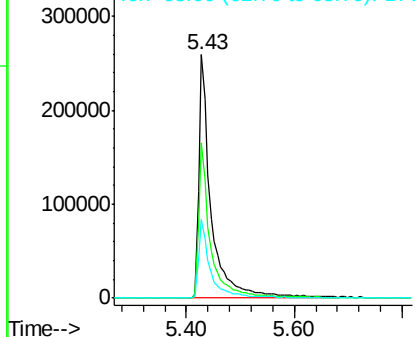
#5

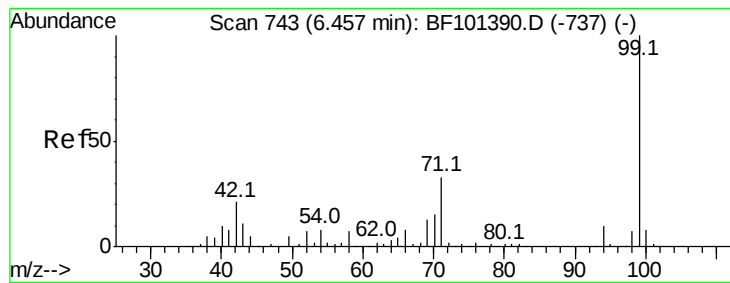
2-Fluorophenol
Concen: 38.577 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

Tgt Ion:112 Resp: 409486
Ion Ratio Lower Upper
112 100
64 63.9 47.9 71.9
63 32.5 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: 22.471 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101552.D

Acq: 20 Dec 2017 5:51

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-D-S

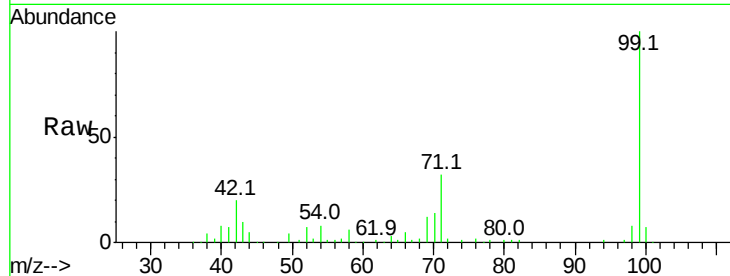
Tot Ion: 99 Resp: 296850

Ion Ratio Lower Upper

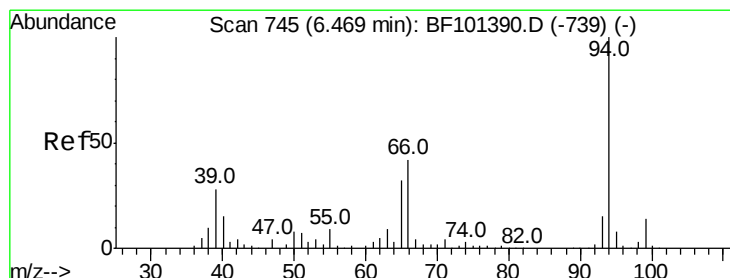
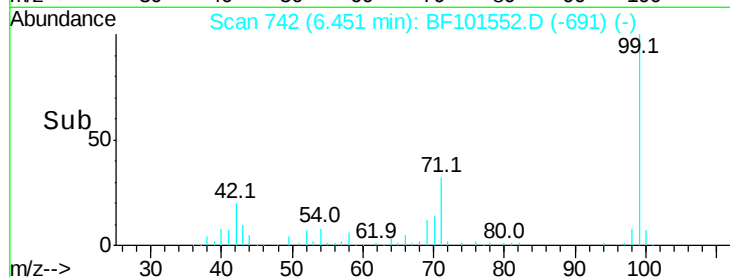
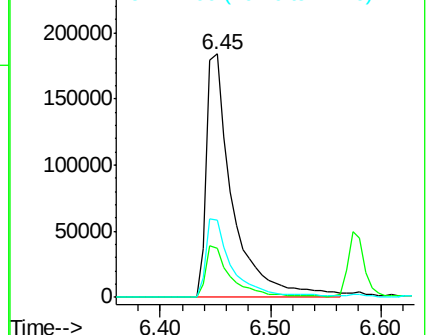
99 100

42 20.0 14.5 21.7

71 31.6 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



#10

Phenol

Concen: 2.260 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101552.D

Acq: 20 Dec 2017 5:51

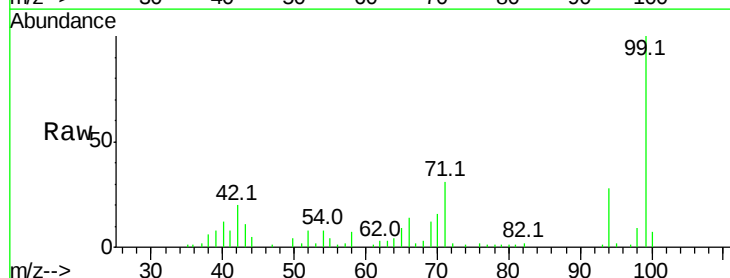
Tgt Ion: 94 Resp: 34035

Ion Ratio Lower Upper

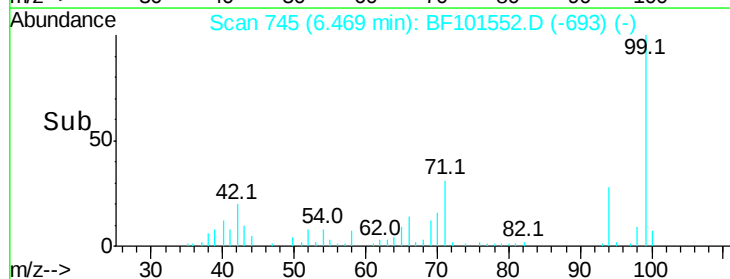
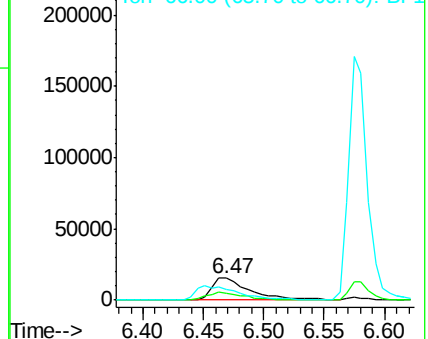
94 100

65 32.6 7.9 47.9

66 50.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

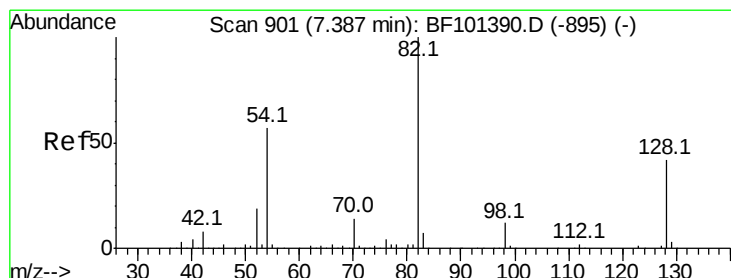
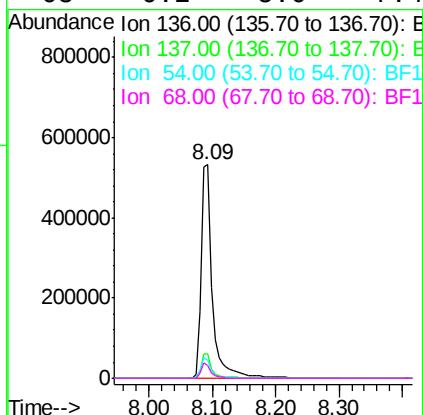
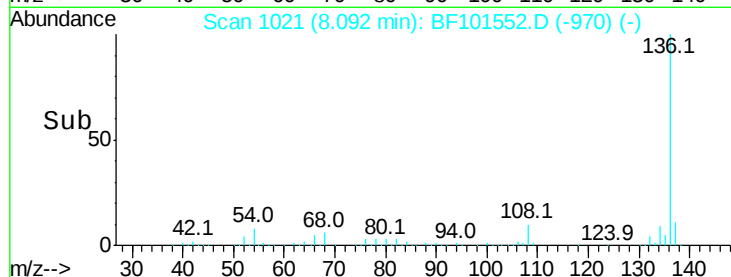
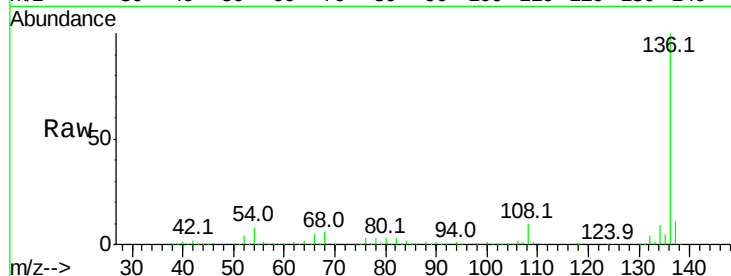




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

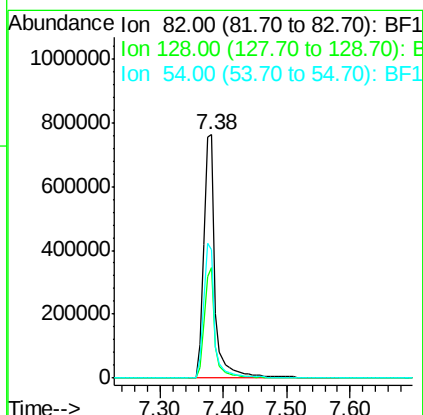
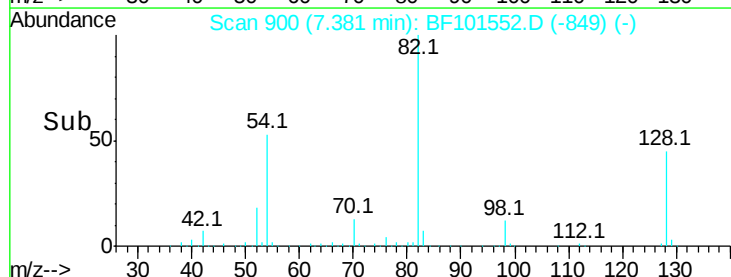
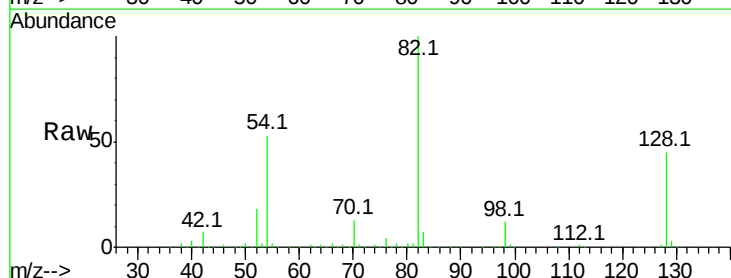
Instrument :
BNA_F
ClientSampleId :
121417-TIDO-E-D-S

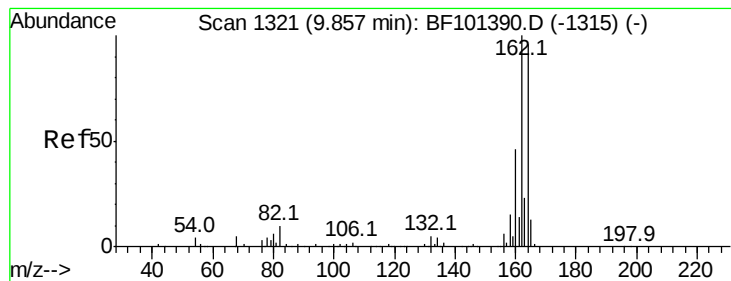
Tot Ion:	136	Resp:	640925
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 80.671 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

Tgt Ion:	82	Resp:	928833
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	52.9	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101552.D

Acq: 20 Dec 2017 5:51

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-D-S

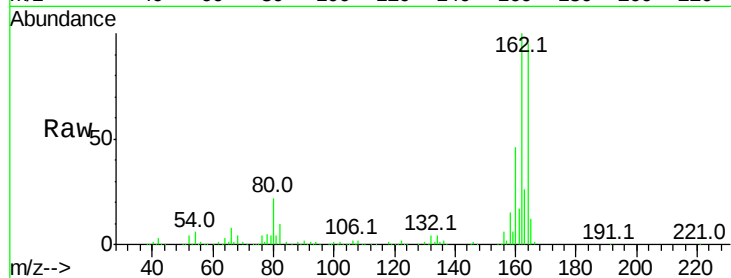
Tot Ion:164 Resp: 272589

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

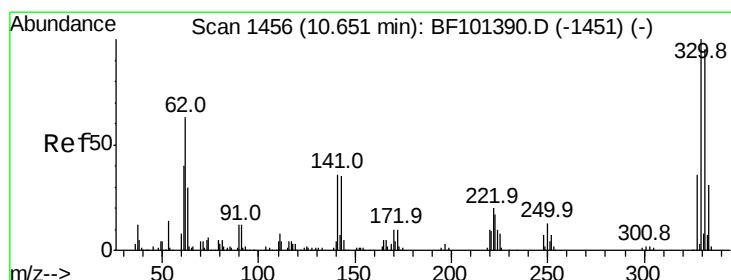
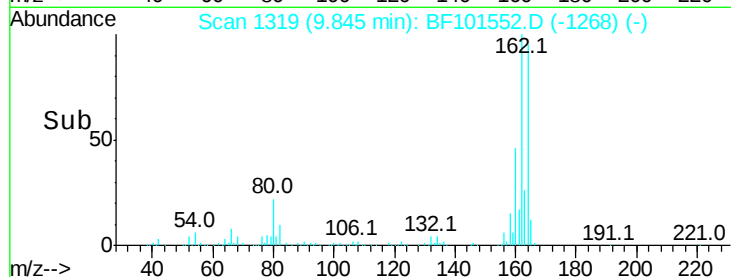
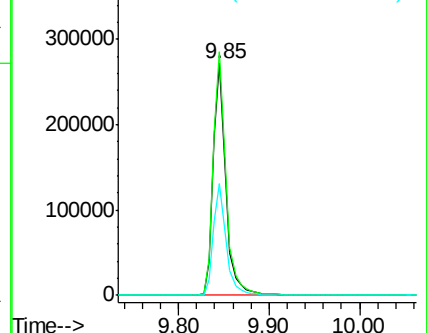
160 48.5 38.3 57.5



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: 77.886 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101552.D

Acq: 20 Dec 2017 5:51

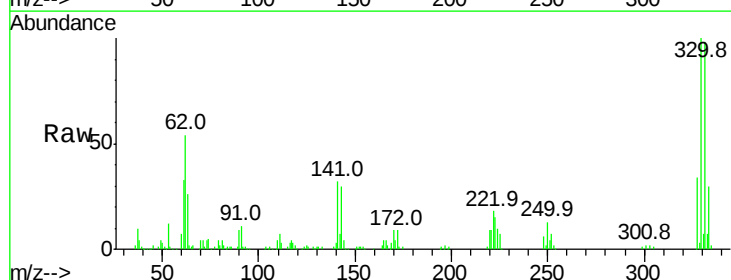
Tgt Ion:330 Resp: 204576

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

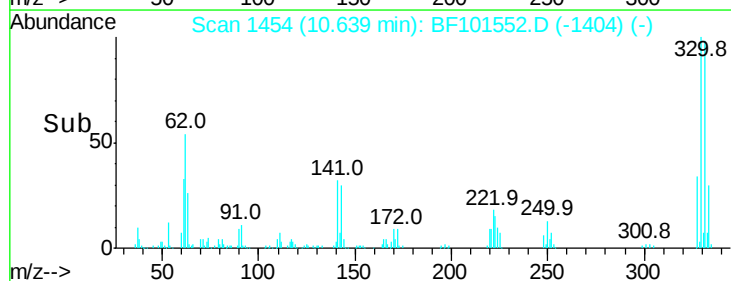
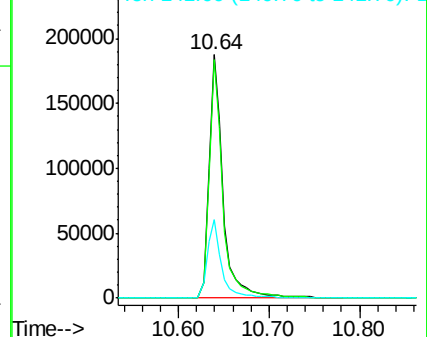
141 32.9 29.9 44.9



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

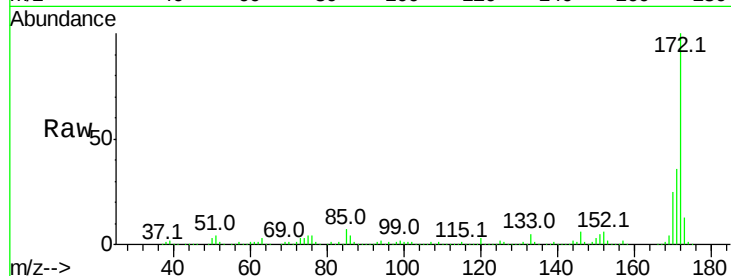




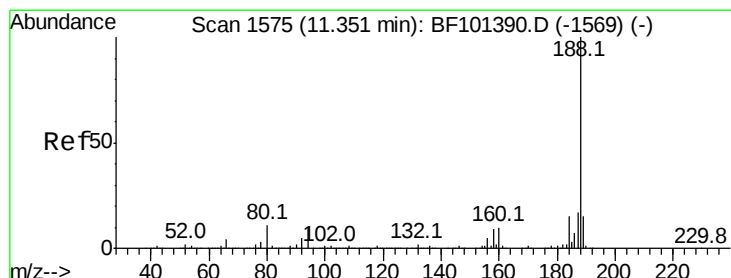
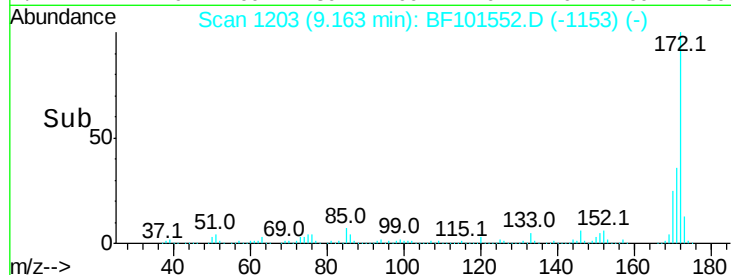
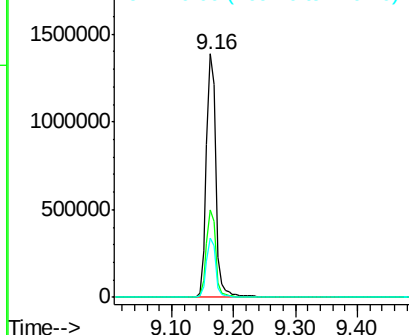
#44
 2-Fluorobiphenyl
 Concen: 85.618 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101552.D
 Acq: 20 Dec 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :
 121417-TIDO-E-D-S

Tot Ion:172 Resp: 1504506
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.5 19.6 29.4

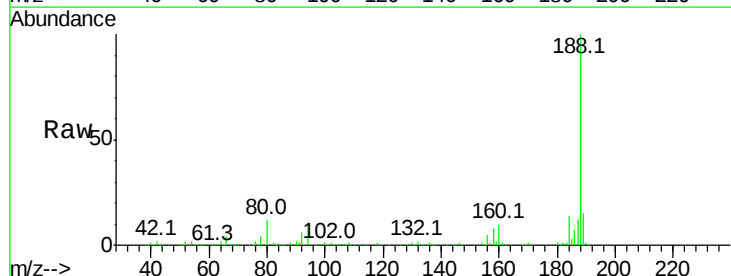


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

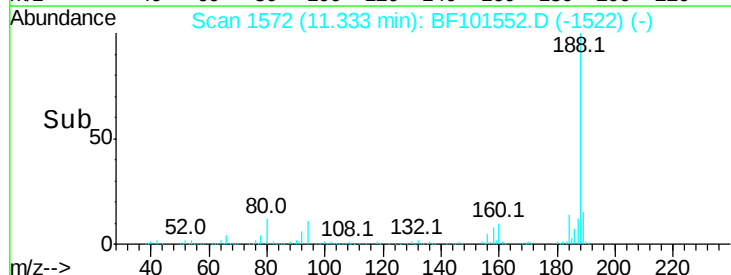
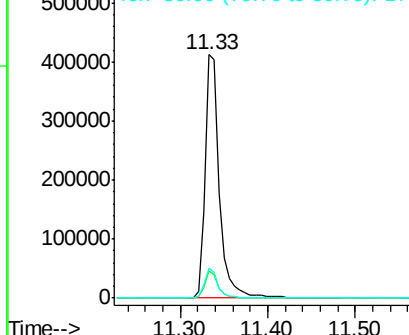


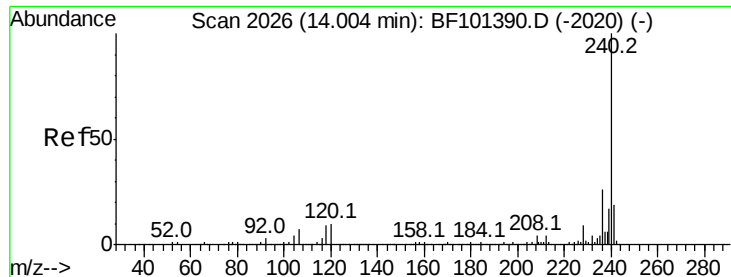
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF101552.D
 Acq: 20 Dec 2017 5:51

Tgt Ion:188 Resp: 468542
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.2 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: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101552.D

Acq: 20 Dec 2017 5:51

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-D-S

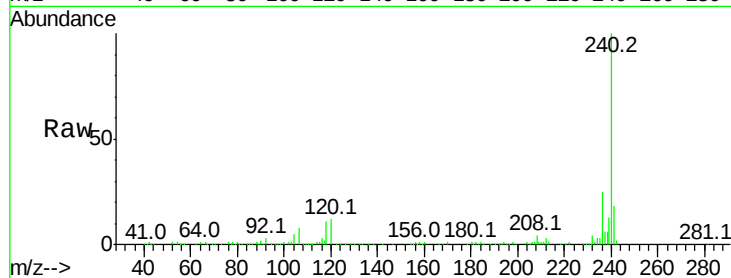
Tot Ion:240 Resp: 308905

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

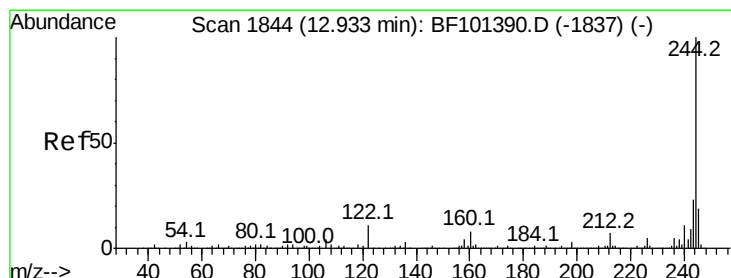
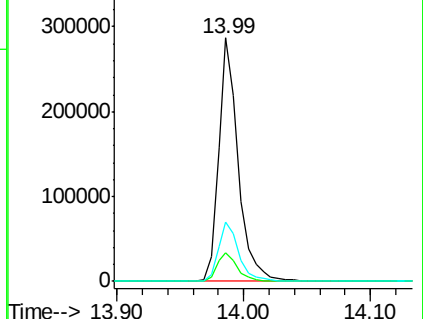
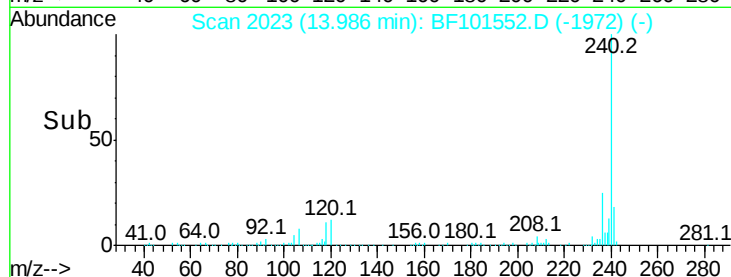
236 24.5 20.7 31.1



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: 85.038 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101552.D

Acq: 20 Dec 2017 5:51

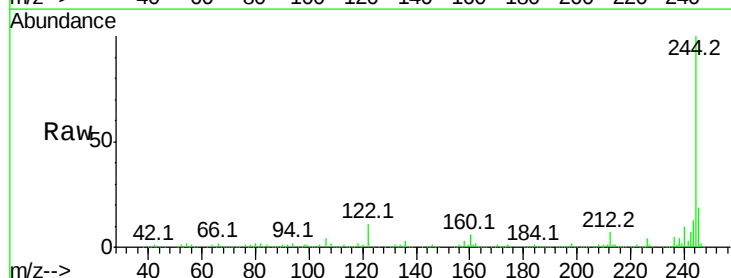
Tgt Ion:244 Resp: 1089639

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

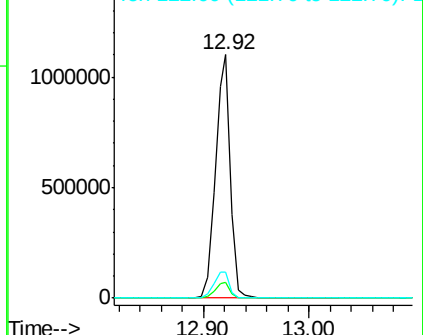
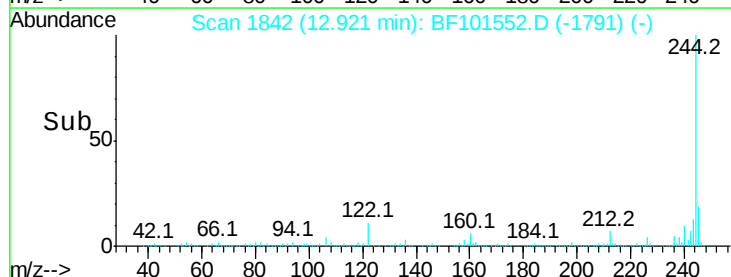
122 10.5 11.0 16.4#

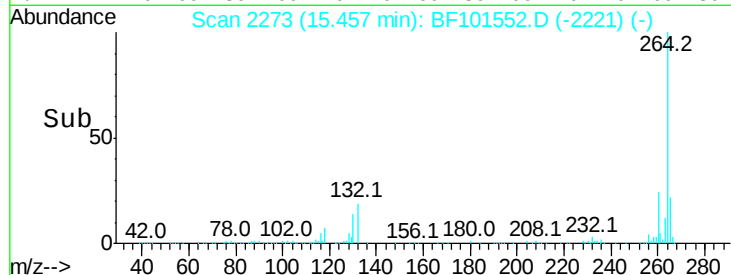
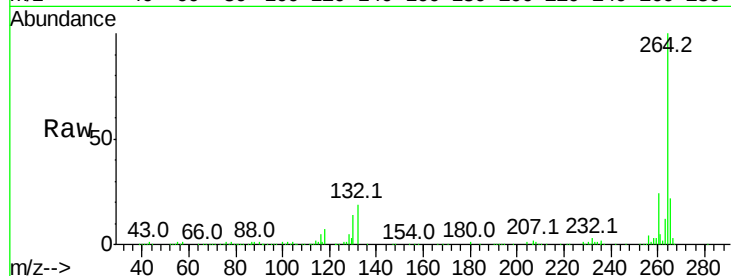
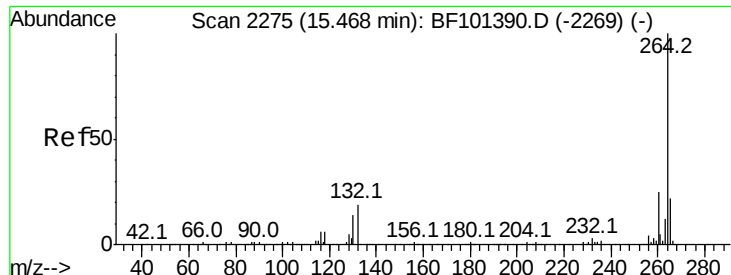


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101552.D
 Acq: 20 Dec 2017 5:51

Instrument :
 BNA_F
 ClientSampleId :
 121417-TIDO-E-D-S

Tot Ion:264	Resp:	329103
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.2 28.8
265	21.6	17.5 26.3

