

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101554.D
 Acq On : 20 Dec 2017 6:44
 Operator : SJ/JU
 Sample : I6956-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Dec 20 07:50:24 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

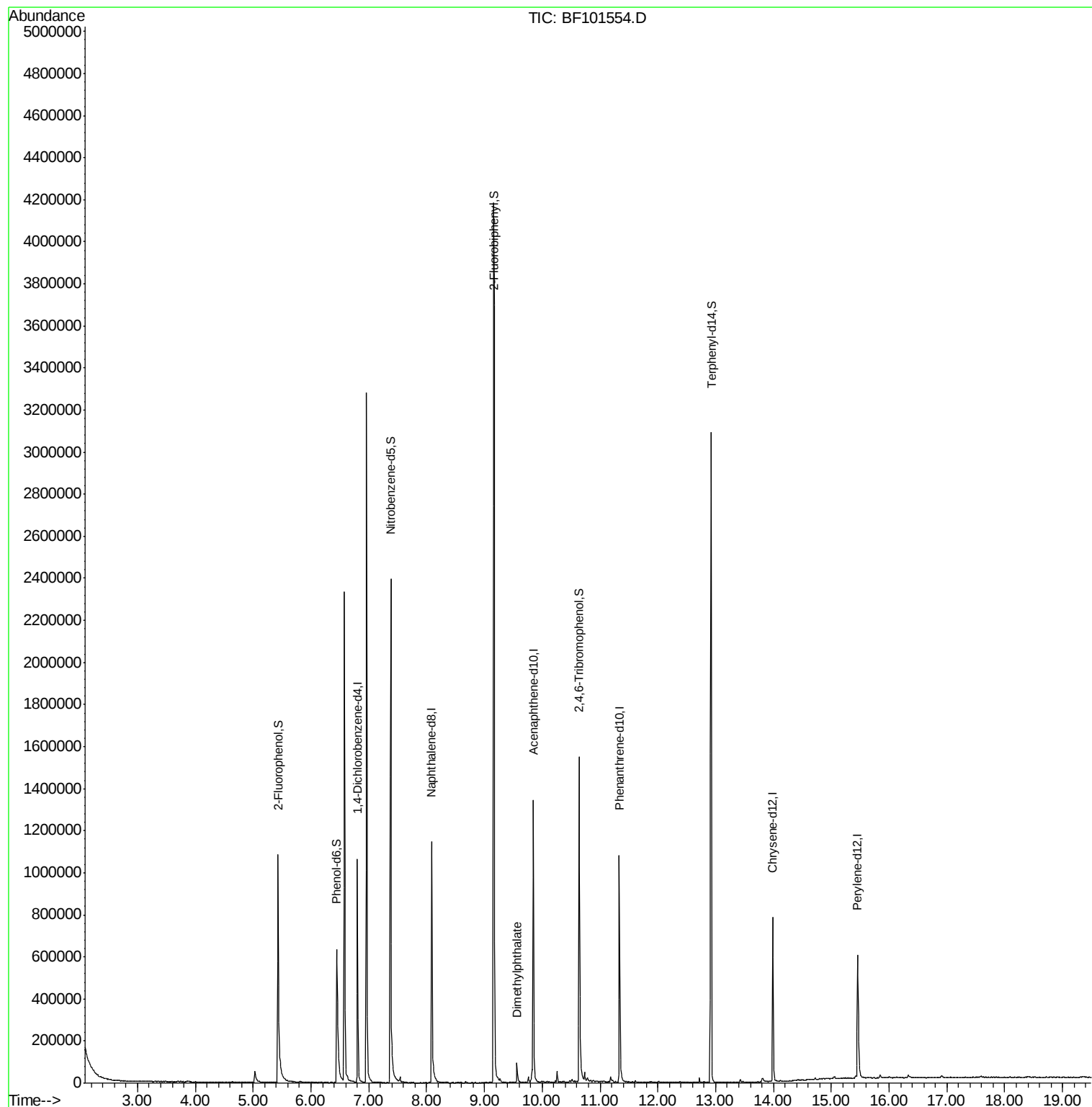
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160978	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	659185	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	290405	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	492728	20.00	ng	0.00
75) Chrysene-d12	13.99	240	319778	20.00	ng	0.00
86) Perylene-d12	15.46	264	340244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	444693	41.15	ng	0.00
7) Phenol-d6	6.45	99	343724	25.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	1018089	85.97	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	214163	76.53	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1571335	83.94	ng	0.00
78) Terphenyl-d14	12.92	244	1154317	87.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	48952	2.096	ng	Qvalue 97

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

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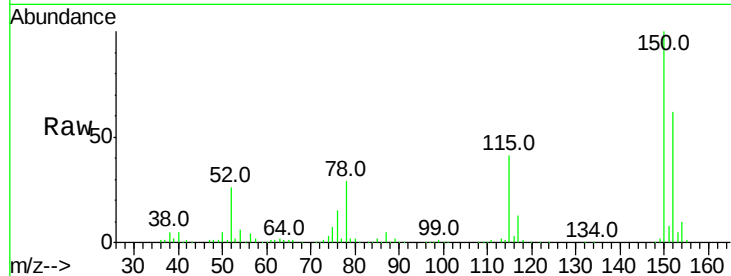


#1

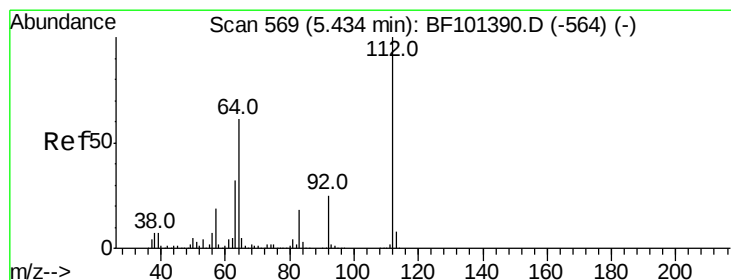
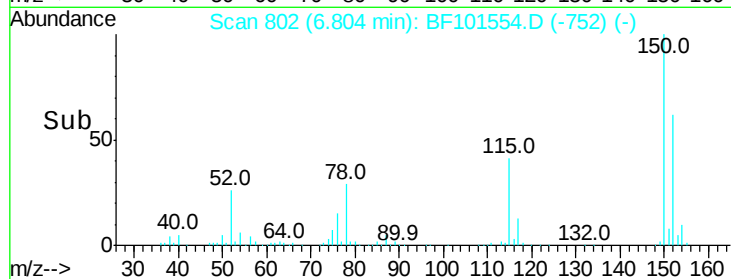
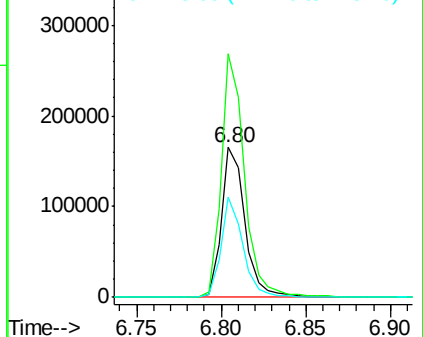
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101554.D
Acq: 20 Dec 2017 6:44

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

Tot Ion:152 Resp: 160978
Ion Ratio Lower Upper
152 100
150 162.3 124.6 186.8
115 66.4 50.1 75.1



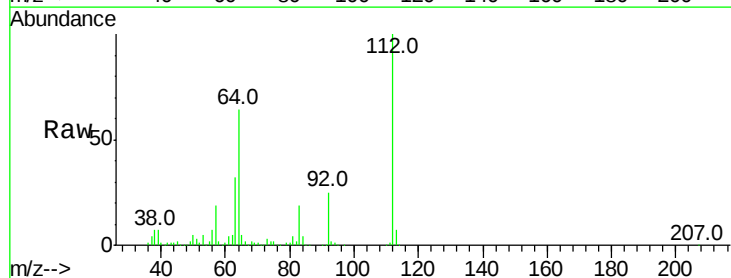
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



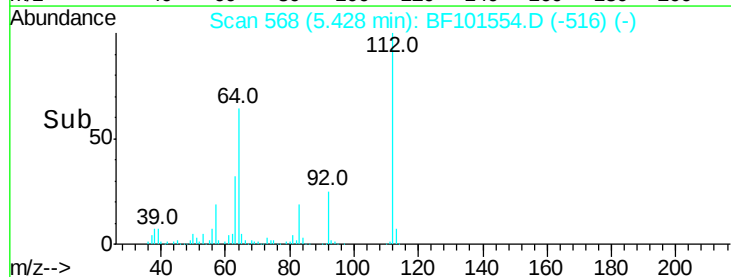
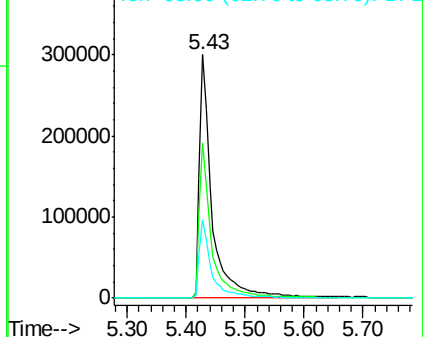
#5

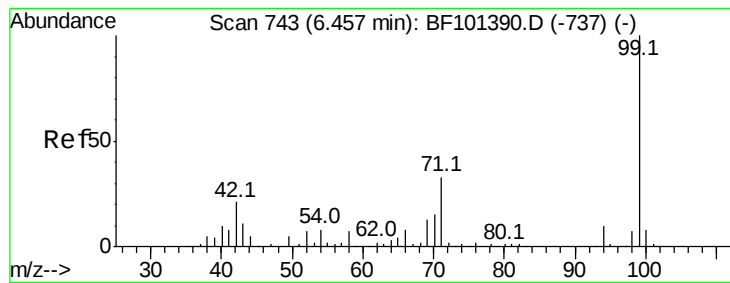
2-Fluorophenol
Concen: 41.149 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101554.D
Acq: 20 Dec 2017 6:44

Tgt Ion:112 Resp: 444693
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 32.3 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: 25.556 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101554.D

Acq: 20 Dec 2017 6:44

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-U-S

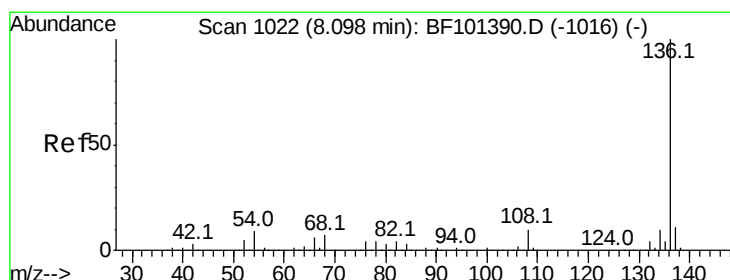
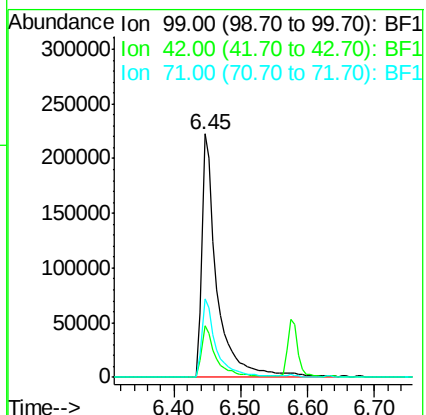
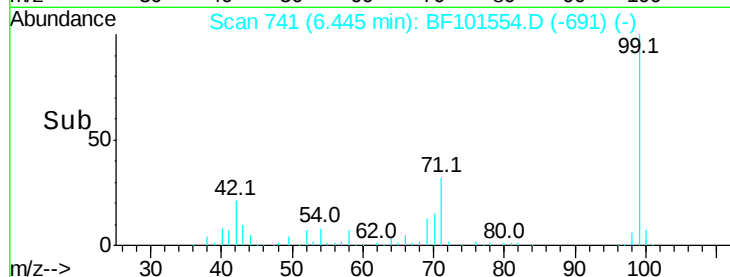
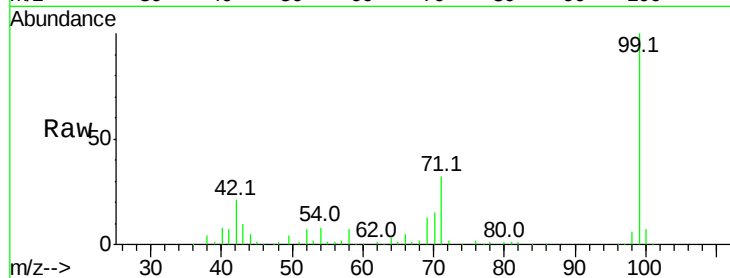
Tot Ion: 99 Resp: 343724

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

71 32.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101554.D

Acq: 20 Dec 2017 6:44

Tgt Ion: 136 Resp: 659185

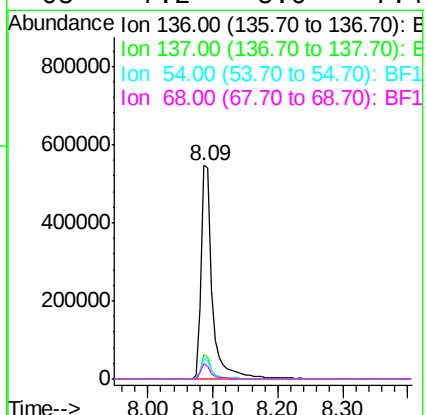
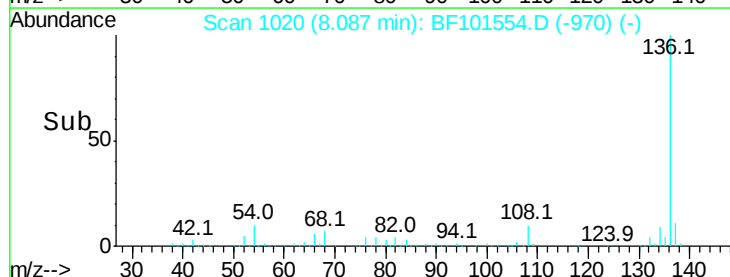
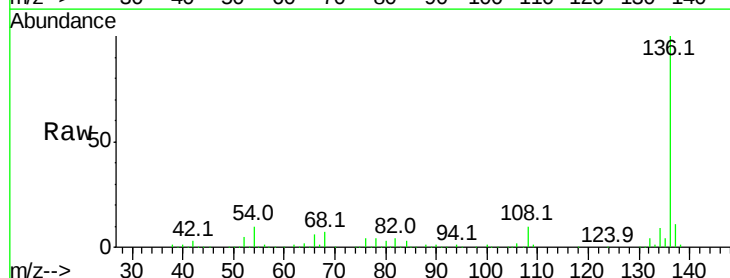
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 7.2 5.0 7.4

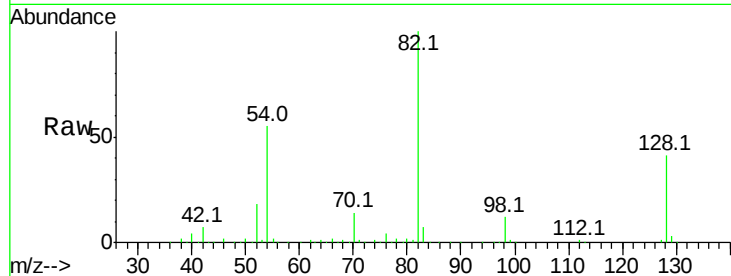




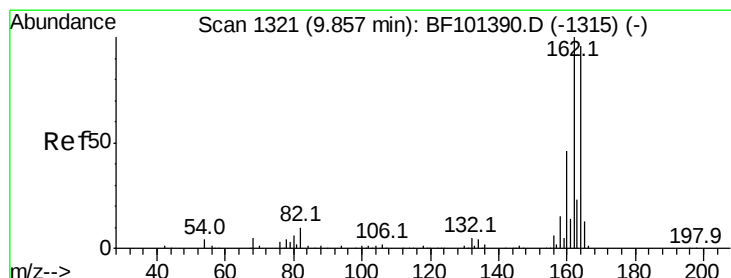
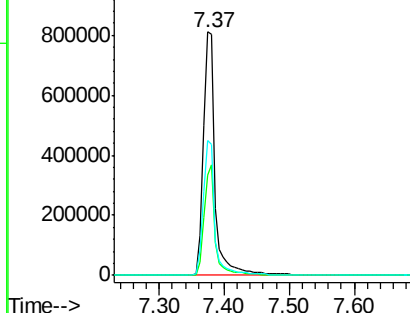
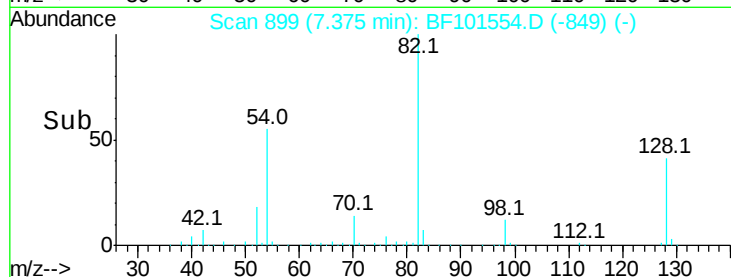
#23
 Nitrobenzene-d5
 Concen: 85.974 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101554.D
 Acq: 20 Dec 2017 6:44

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

Tot Ion: 82 Resp: 1018089
 Ion Ratio Lower Upper
 82 100
 128 41.3 36.1 54.1
 54 55.3 41.4 62.2

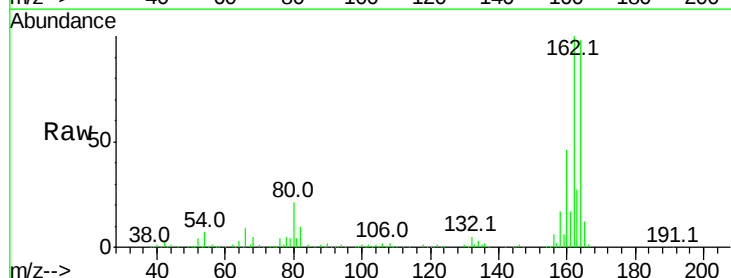


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

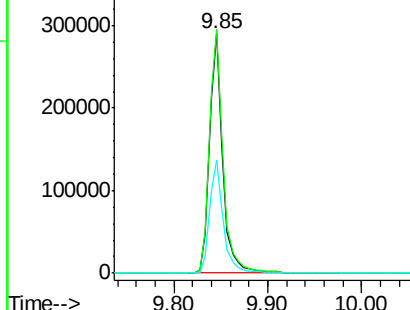
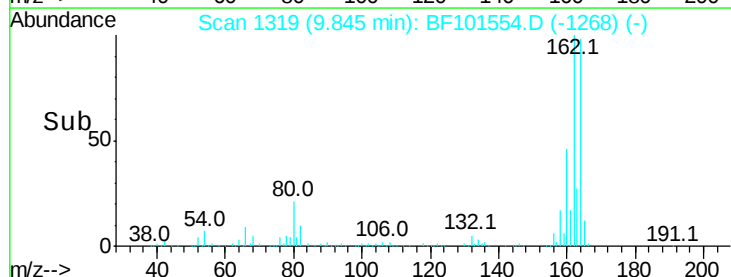


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101554.D
 Acq: 20 Dec 2017 6:44

Tgt Ion:164 Resp: 290405
 Ion Ratio Lower Upper
 164 100
 162 101.8 86.1 129.1
 160 47.1 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

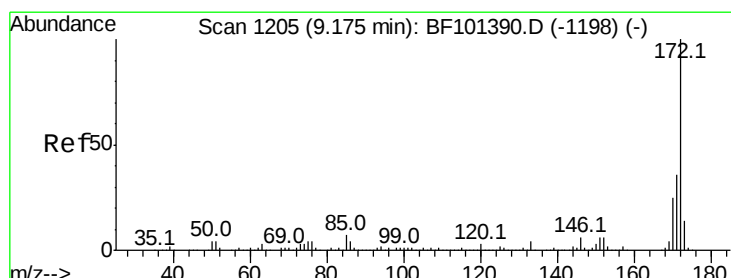
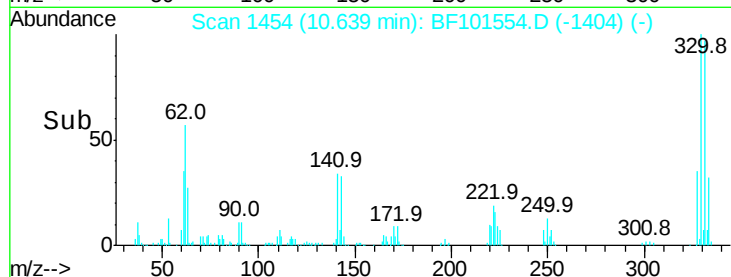
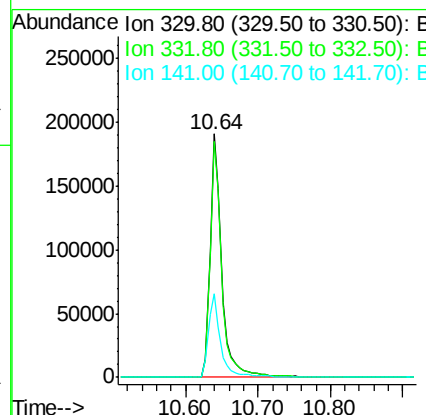
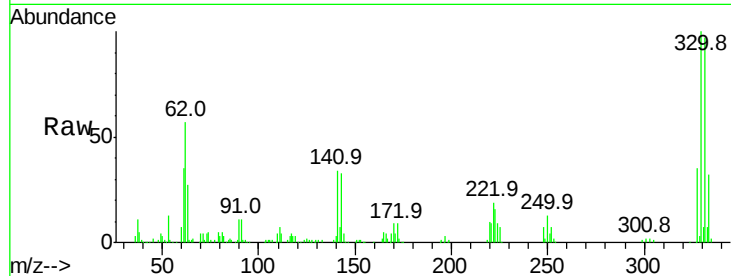




#41
 2,4,6-Tribromophenol
 Concen: 76.534 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101554.D
 Acq: 20 Dec 2017 6:44

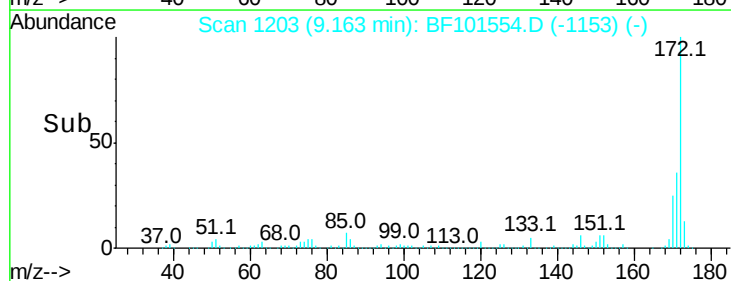
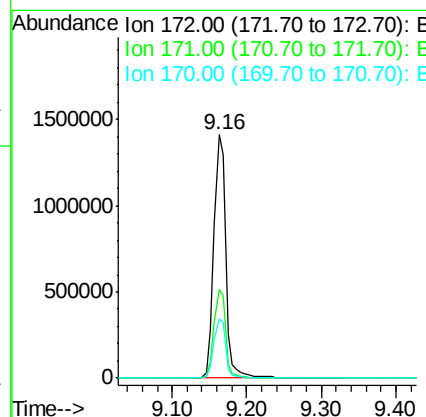
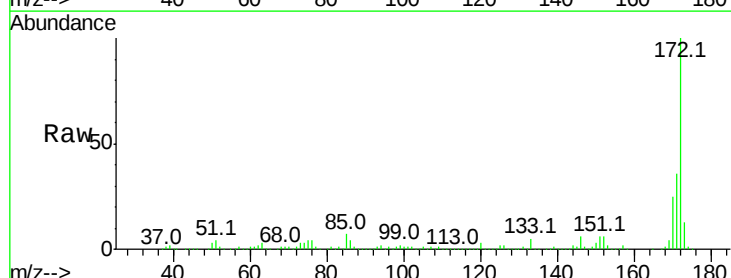
Instrument :
 BNA_F
 ClientSampleId :
 121417-TIDO-E-U-S

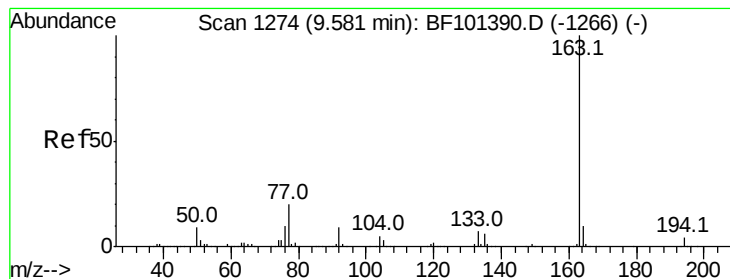
Tot Ion:330 Resp: 214163
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 35.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 83.935 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101554.D
 Acq: 20 Dec 2017 6:44

Tgt Ion:172 Resp: 1571335
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.6 19.6 29.4





#49

Dimethylphthalate

Concen: 2.096 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF101554.D

Acq: 20 Dec 2017 6:44

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-U-S

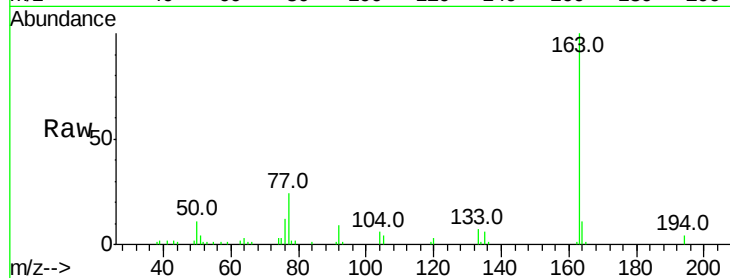
Tot Ion:163 Resp: 48952

Ion Ratio Lower Upper

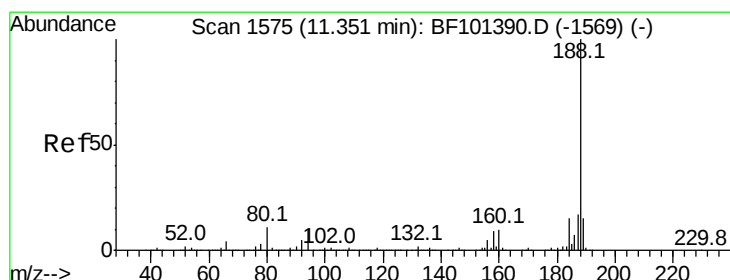
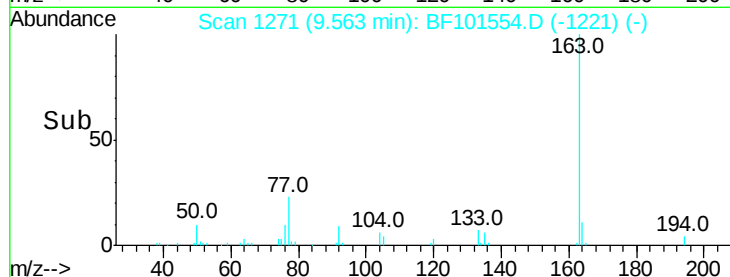
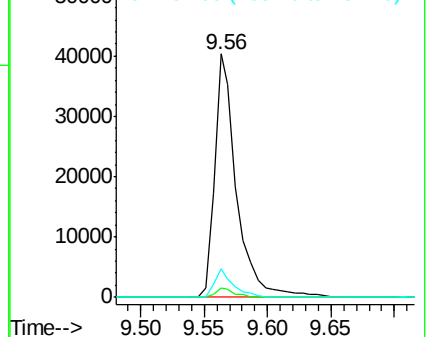
163 100

194 3.7 2.7 4.1

164 11.5 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: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101554.D

Acq: 20 Dec 2017 6:44

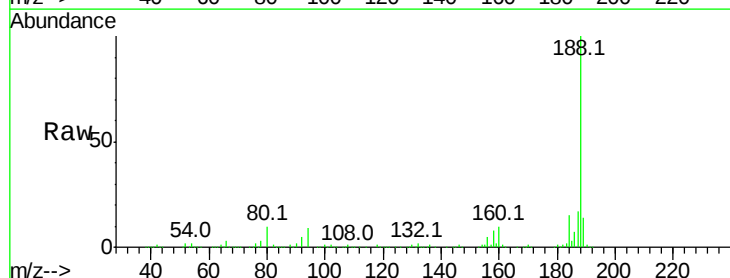
Tgt Ion:188 Resp: 492728

Ion Ratio Lower Upper

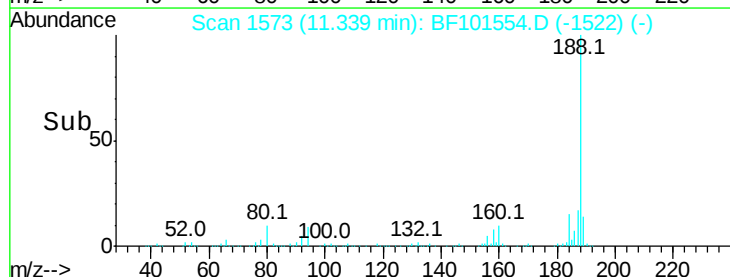
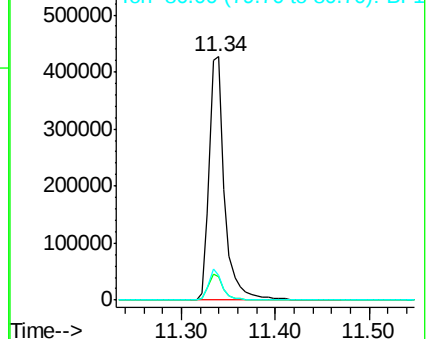
188 100

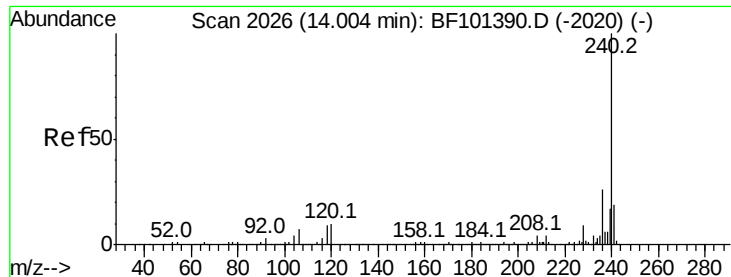
94 9.4 8.5 12.7

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

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101554.D

Acq: 20 Dec 2017 6:44

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-U-S

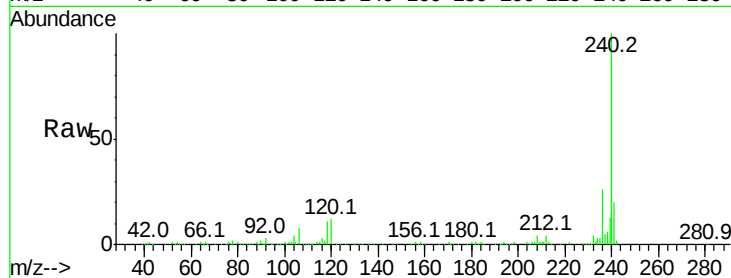
Tot Ion:240 Resp: 319778

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

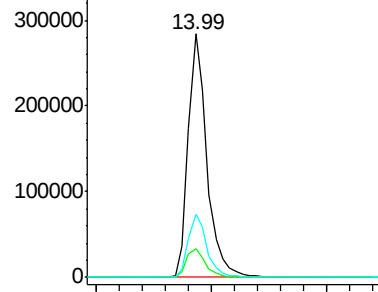
236 25.9 20.7 31.1



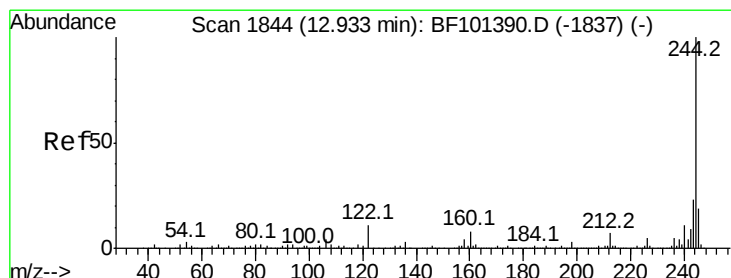
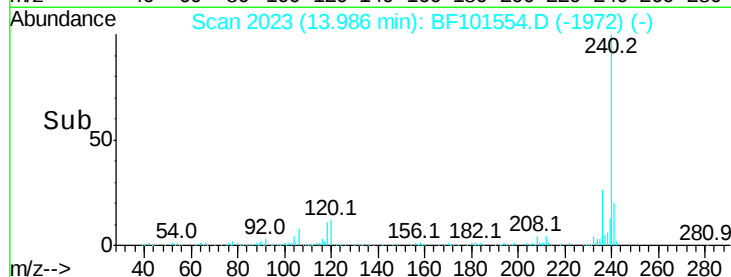
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#78

Terphenyl-d14

Concen: 87.023 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101554.D

Acq: 20 Dec 2017 6:44

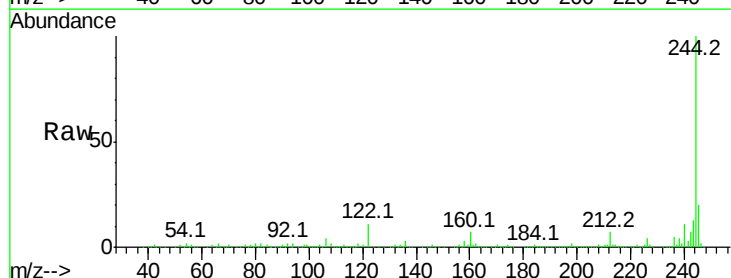
Tgt Ion:244 Resp: 1154317

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

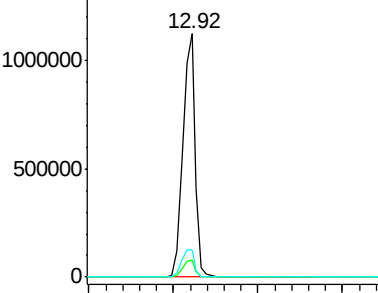
122 11.1 11.0 16.4



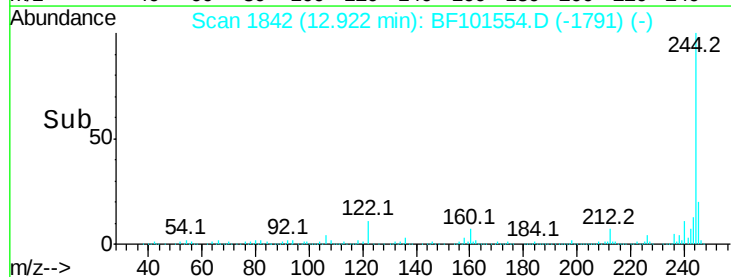
Abundance Ion 244.00 (243.70 to 244.70): E

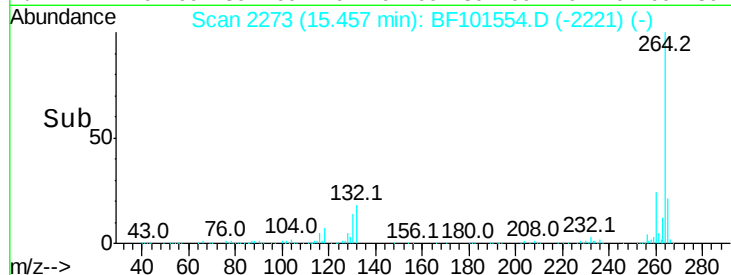
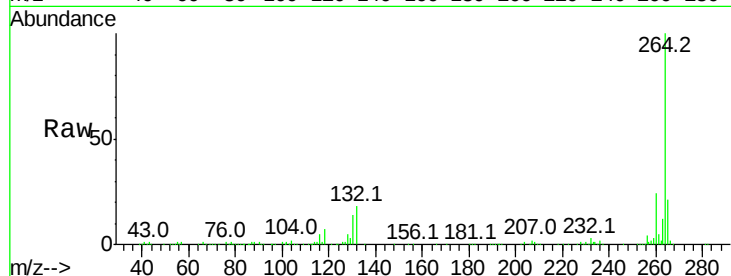
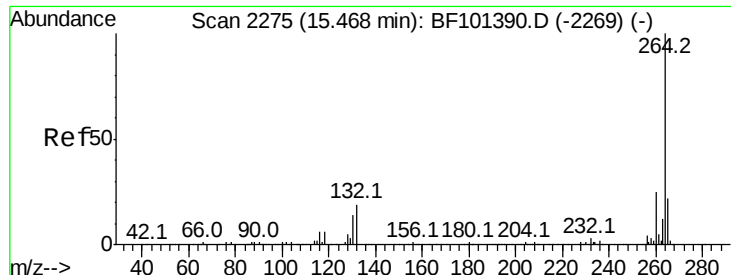
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00 13.10





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101554.D

Acq: 20 Dec 2017 6:44

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-U-S

Tot Ion:264 Resp: 340244

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.8 17.5 26.3

