

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101505.D
 Acq On : 19 Dec 2017 3:50
 Operator : SJ/JU
 Sample : I6909-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121217-TIDO-E-U-B

Quant Time: Dec 19 07:03:59 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

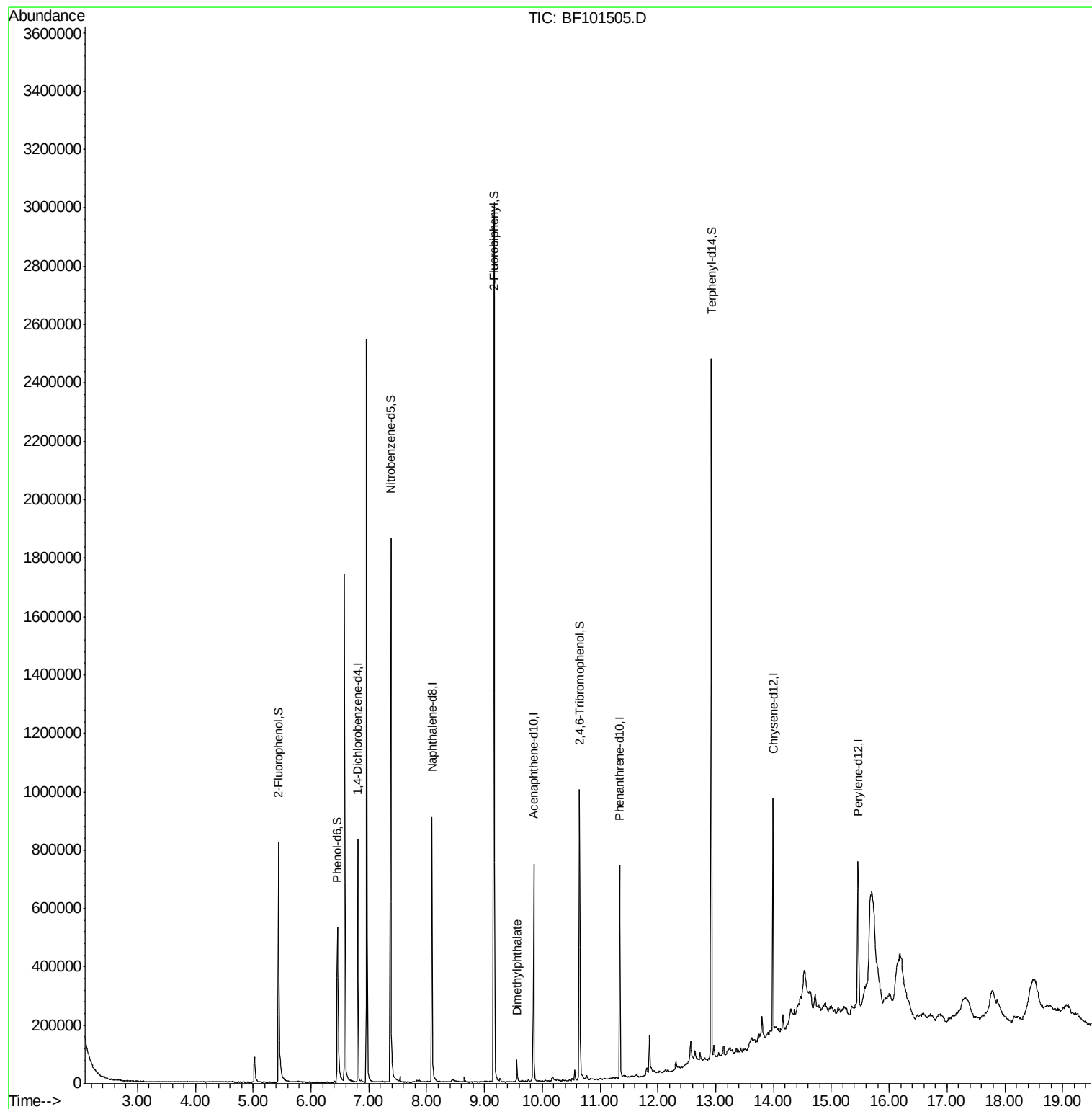
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124095	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	437846	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	160055	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	269312	20.00	ng	0.00
75) Chrysene-d12	13.99	240	285042	20.00	ng	0.00
86) Perylene-d12	15.46	264	262601	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	334285	40.13	ng	0.02
7) Phenol-d6	6.46	99	243252	23.46	ng	0.00
23) Nitrobenzene-d5	7.38	82	668316	84.97	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	129270	83.82	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1069313	103.64	ng	0.00
78) Terphenyl-d14	12.92	244	873638	73.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	29685	2.306	ng	Qvalue 99

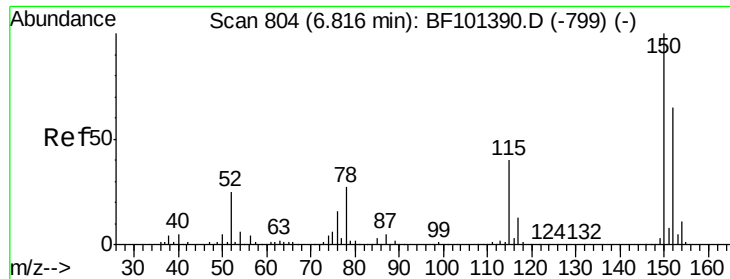
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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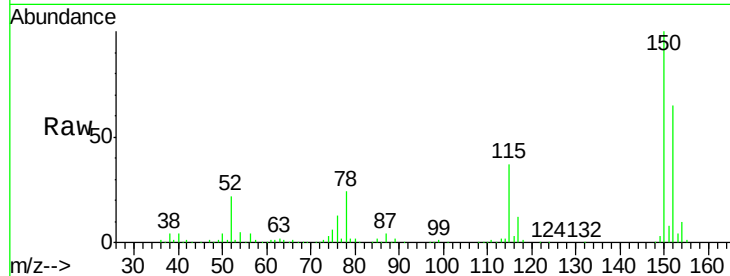


#1

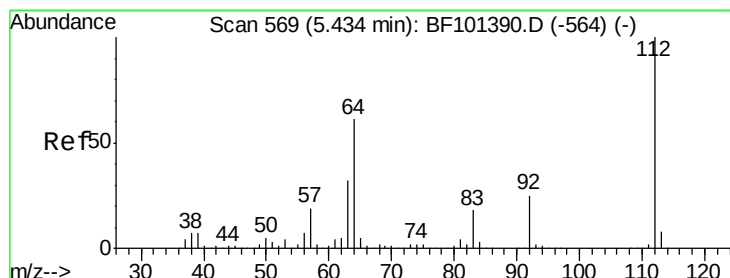
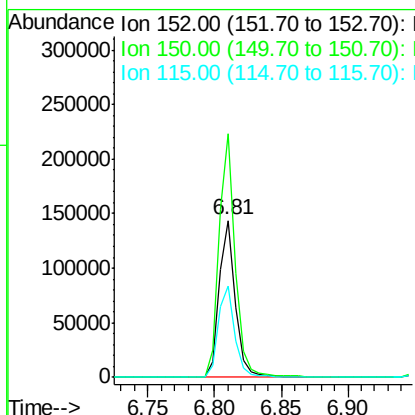
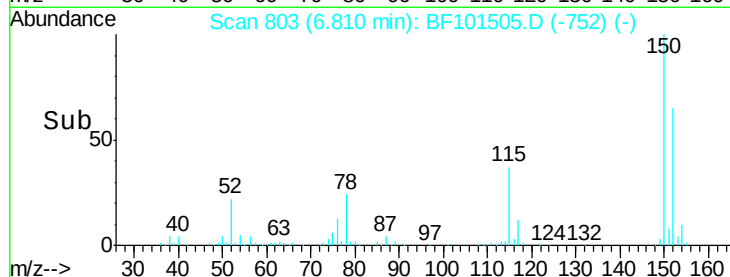
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF101505.D
 Acq: 19 Dec 2017 3:50

Instrument :
 BNA_F
 ClientSampleId :
 121217-TIDO-E-U-B

Tgt Ion:152 Resp: 124095
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.6 186.8
 115 57.9 50.1 75.1



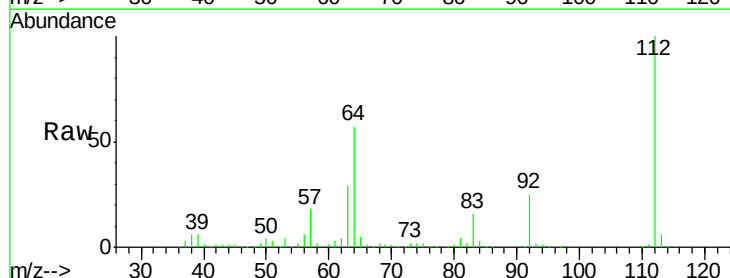
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



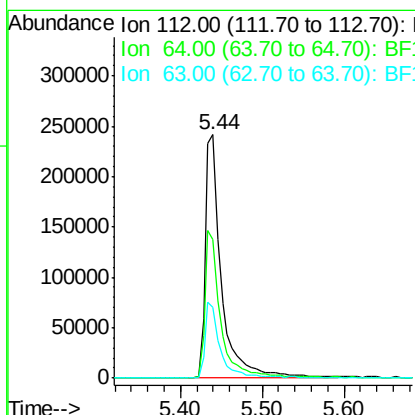
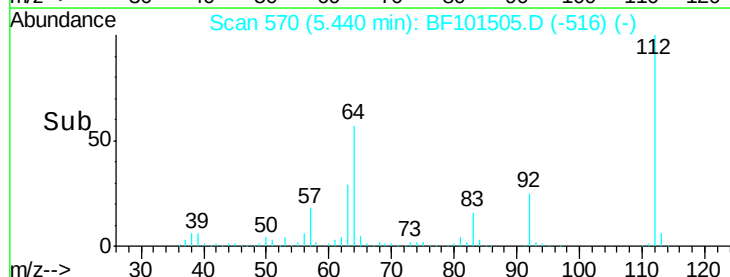
#5

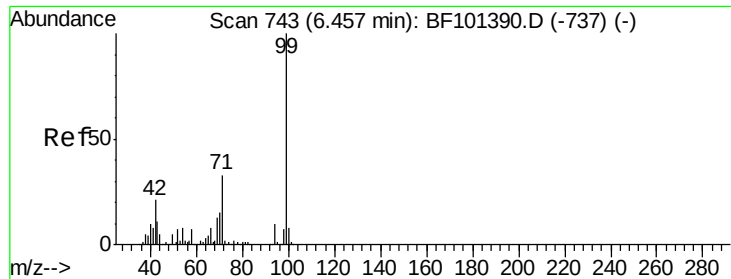
2-Fluorophenol
 Concen: 40.126 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF101505.D
 Acq: 19 Dec 2017 3:50

Tgt Ion:112 Resp: 334285
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 29.3 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: 23.462 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101505.D

Acq: 19 Dec 2017 3:50

Instrument :

BNA_F

ClientSampleId :

121217-TIDO-E-U-B

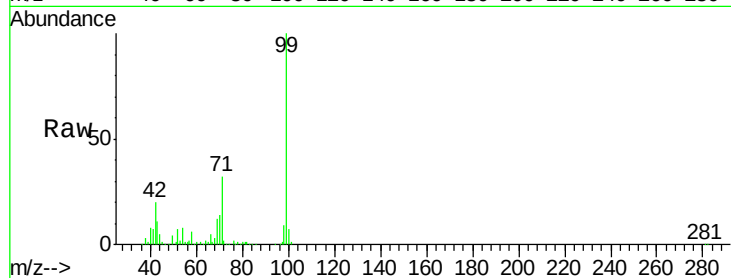
Tgt Ion: 99 Resp: 243252

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

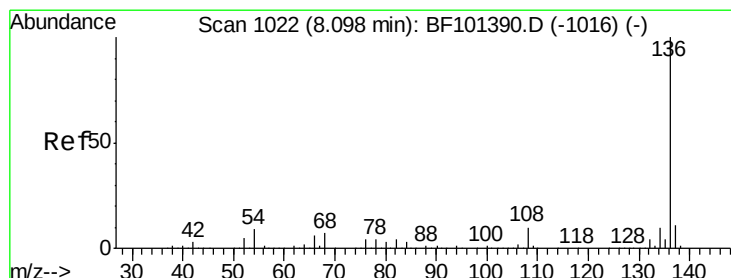
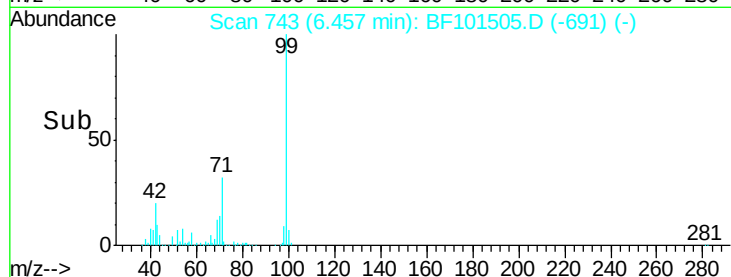
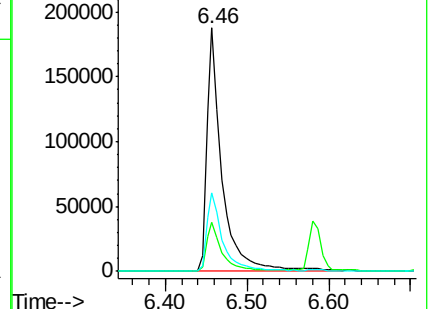
71 32.1 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101505.D

Acq: 19 Dec 2017 3:50

Tgt Ion: 136 Resp: 437846

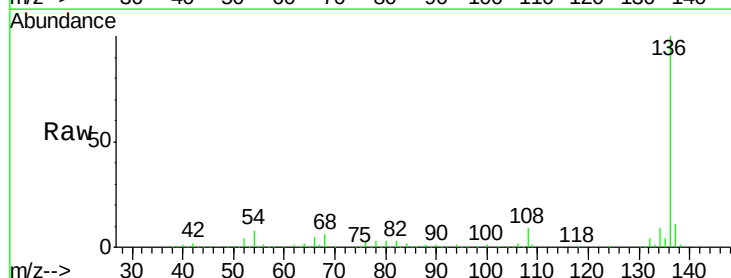
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 6.3 5.0 7.4

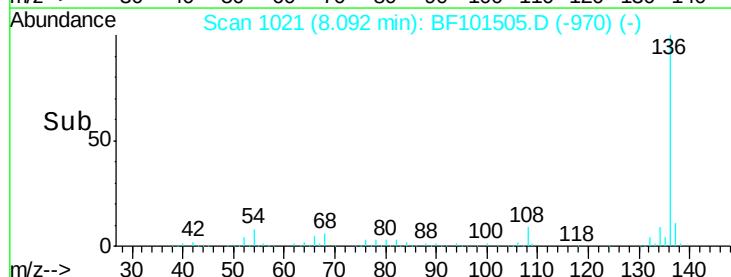
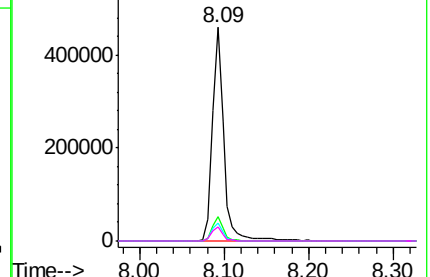


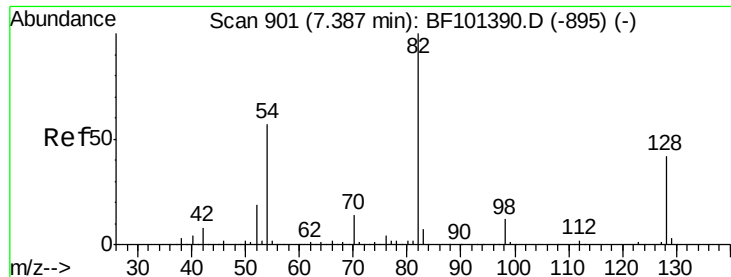
Abundance Ion 136.00 (135.70 to 136.70): E

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

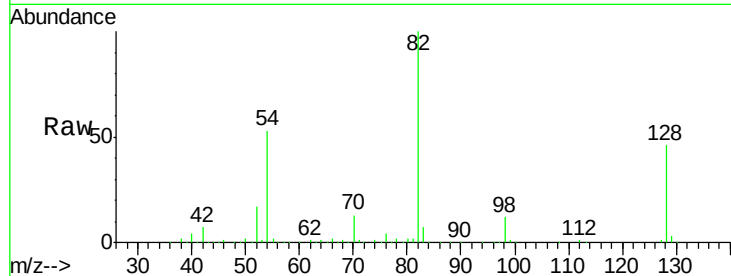




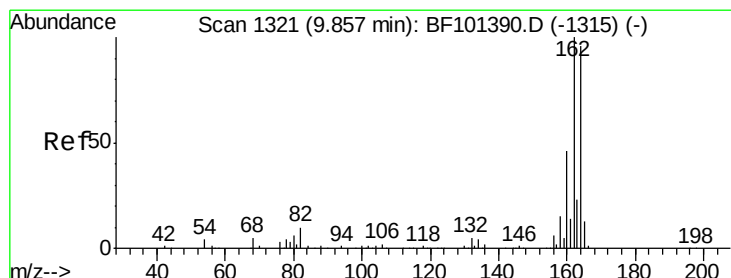
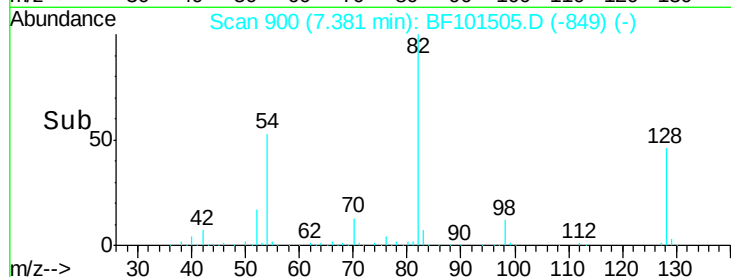
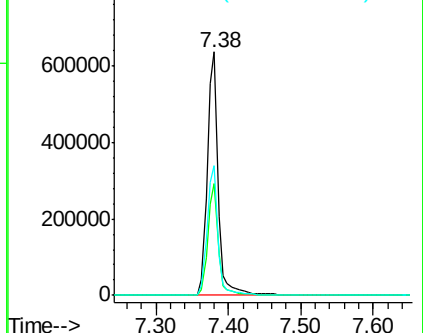
#23
 Nitrobenzene-d5
 Concen: 84.967 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101505.D
 Acq: 19 Dec 2017 3:50

Instrument :
 BNA_F
 ClientSampleId :
 121217-TIDO-E-U-B

Tgt Ion: 82 Resp: 668316
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 53.0 41.4 62.2

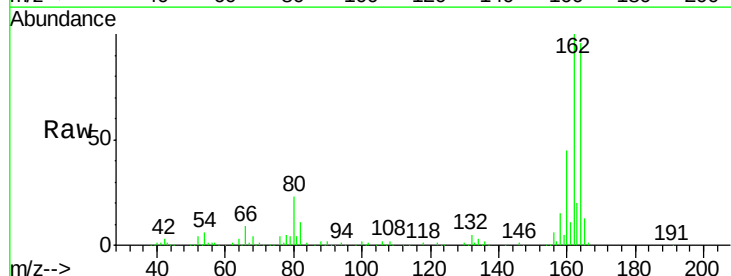


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

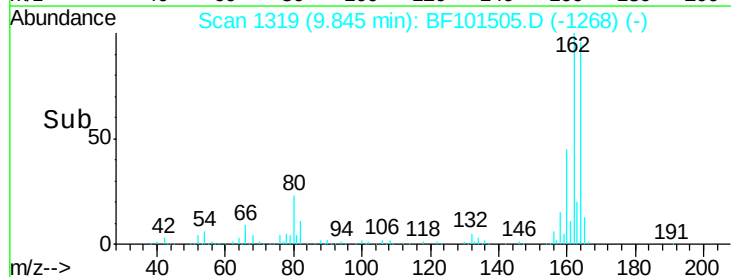
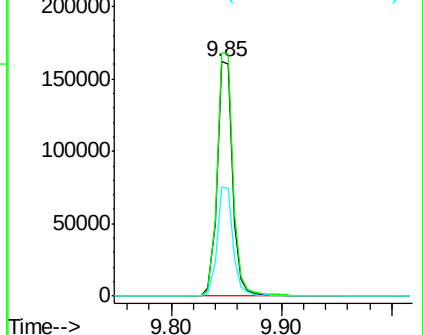


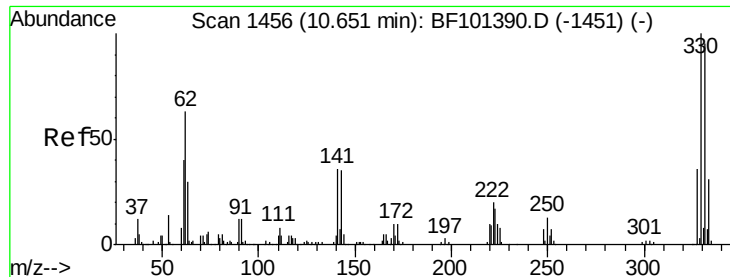
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101505.D
 Acq: 19 Dec 2017 3:50

Tgt Ion: 164 Resp: 160055
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 46.9 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: 83.819 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF101505.D

Acq: 19 Dec 2017 3:50

Instrument :

BNA_F

ClientSampleId :

121217-TIDO-E-U-B

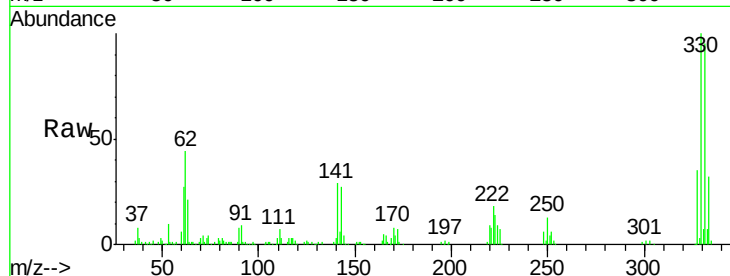
Tgt Ion:330 Resp: 129270

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

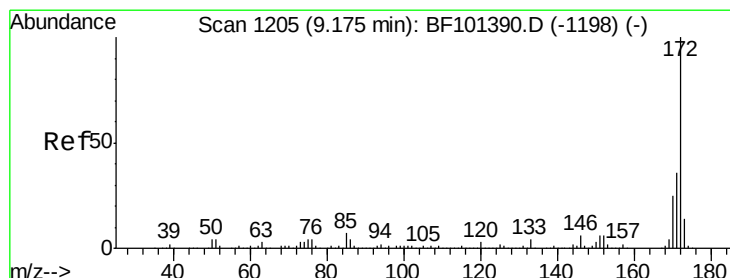
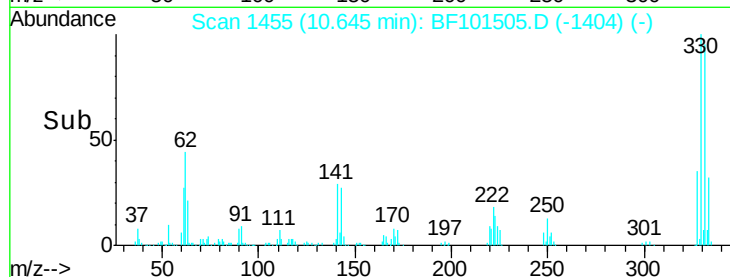
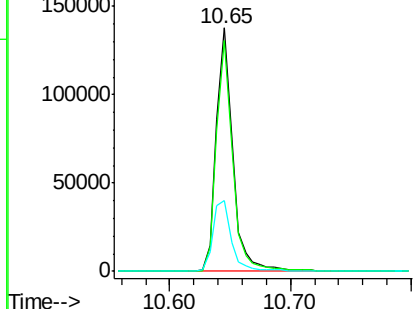
141 32.8 29.9 44.9



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: 103.637 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF101505.D

Acq: 19 Dec 2017 3:50

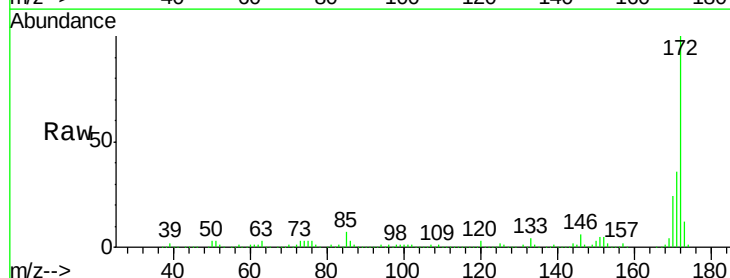
Tgt Ion:172 Resp: 1069313

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

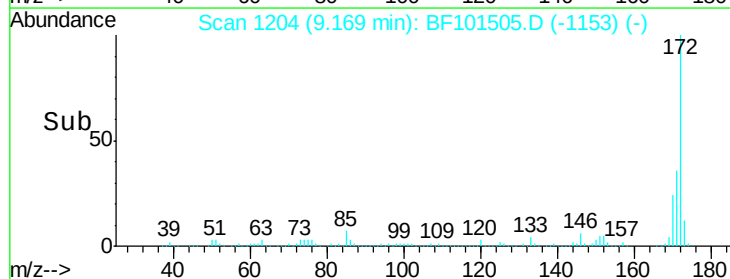
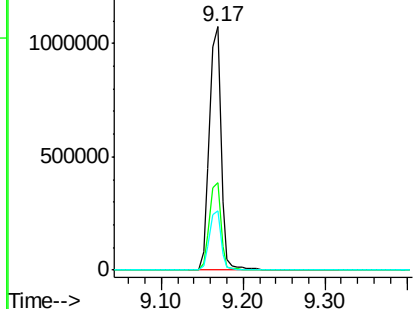
170 24.4 19.6 29.4

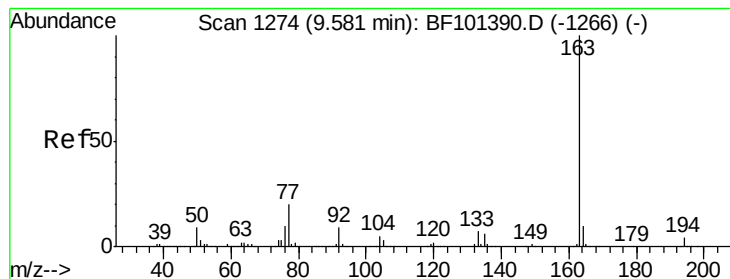


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.306 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF101505.D

Acq: 19 Dec 2017 3:50

Instrument :

BNA_F

ClientSampleId :

121217-TIDO-E-U-B

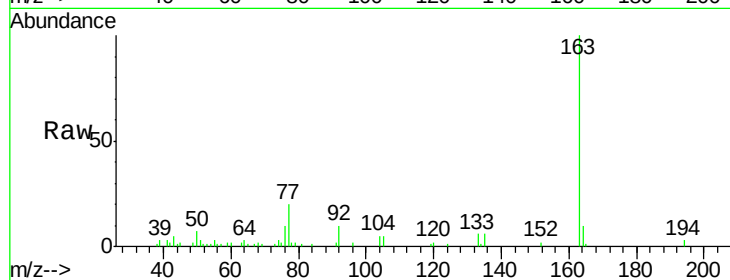
Tgt Ion:163 Resp: 29685

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 10.0 8.2 12.2



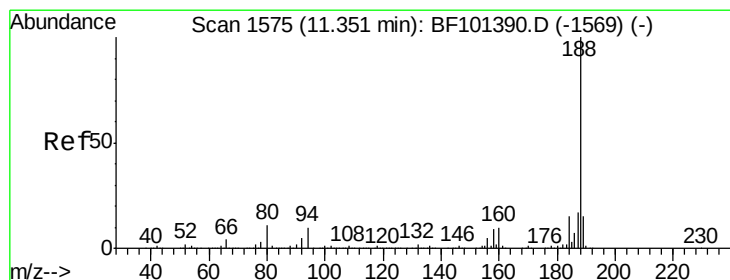
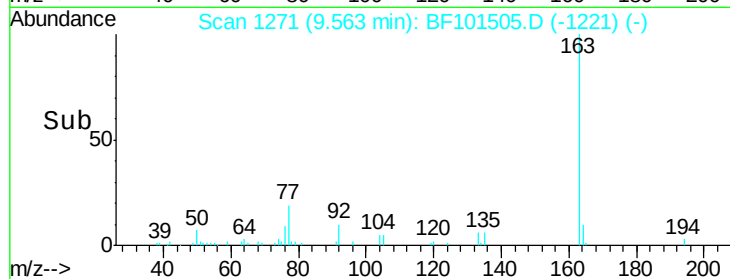
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.56

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101505.D

Acq: 19 Dec 2017 3:50

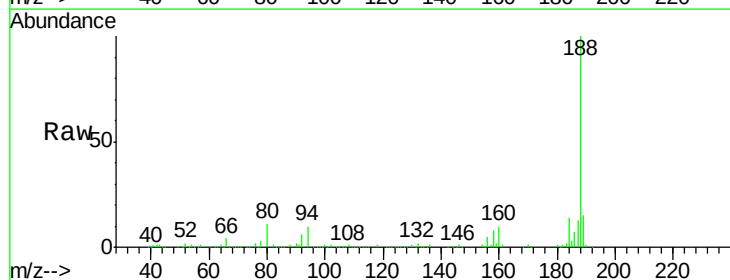
Tgt Ion:188 Resp: 269312

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

80 11.2 9.2 13.8



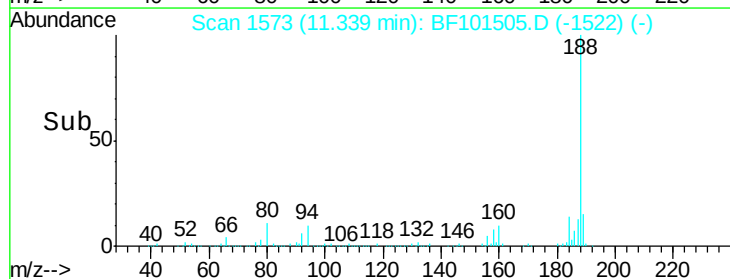
Abundance Ion 188.00 (187.70 to 188.70): E

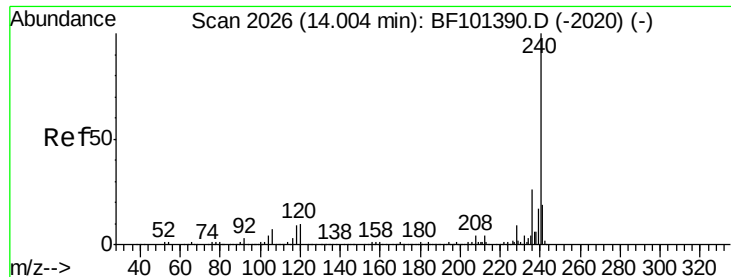
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.34

Time-->

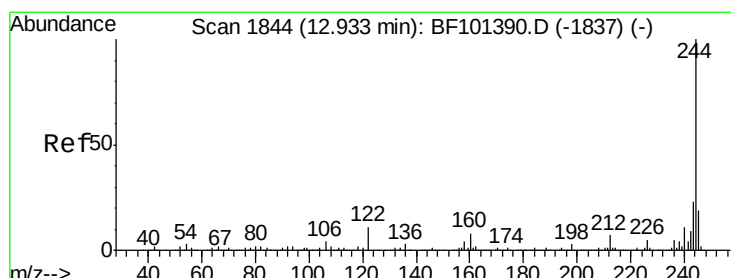
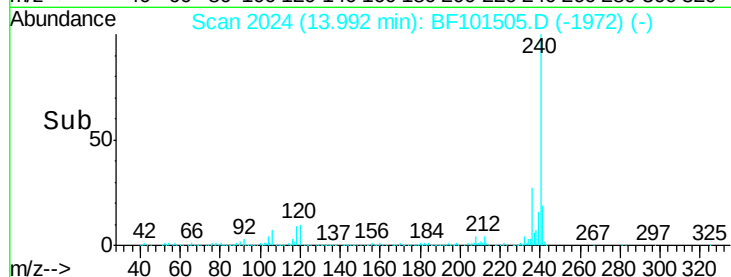
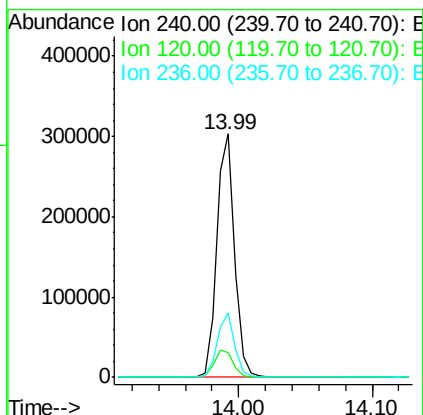
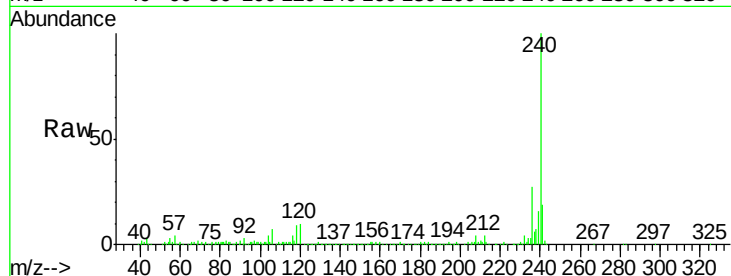




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF101505.D
Acq: 19 Dec 2017 3:50

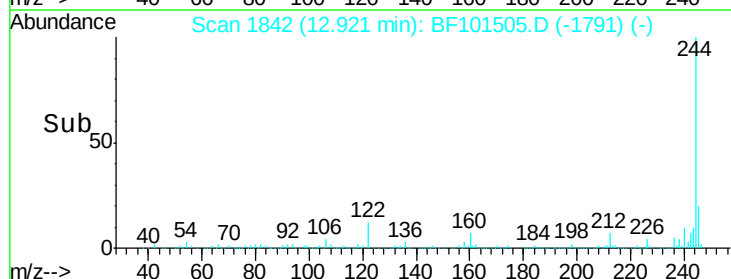
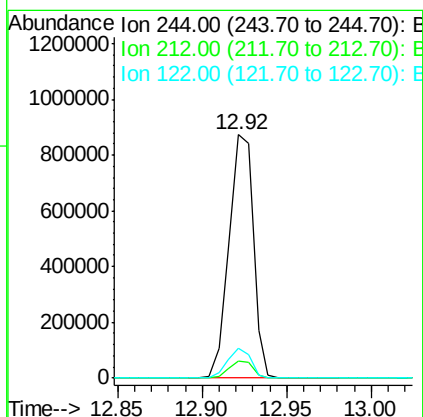
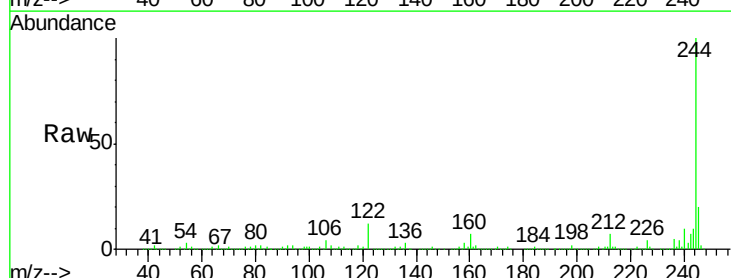
Instrument :
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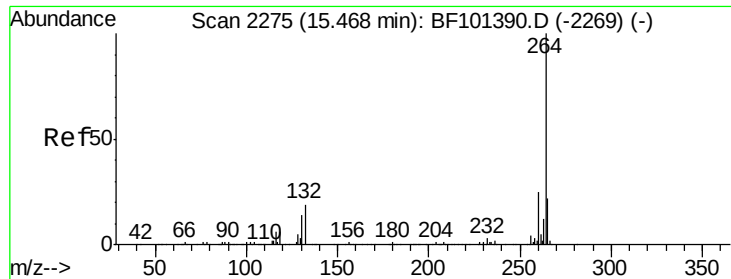
Tgt Ion:240 Resp: 285042
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.7 20.7 31.1



#78
Terphenyl-d14
Concen: 73.889 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF101505.D
Acq: 19 Dec 2017 3:50

Tgt Ion:244 Resp: 873638
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.4 11.0 16.4

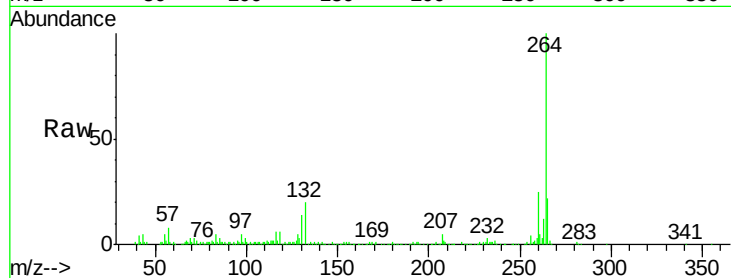




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101505.D
Acq: 19 Dec 2017 3:50

Instrument :
BNA_F
ClientSampleId :
121217-TIDO-E-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.4	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

