

Data Path : Z:\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 07:07:41 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

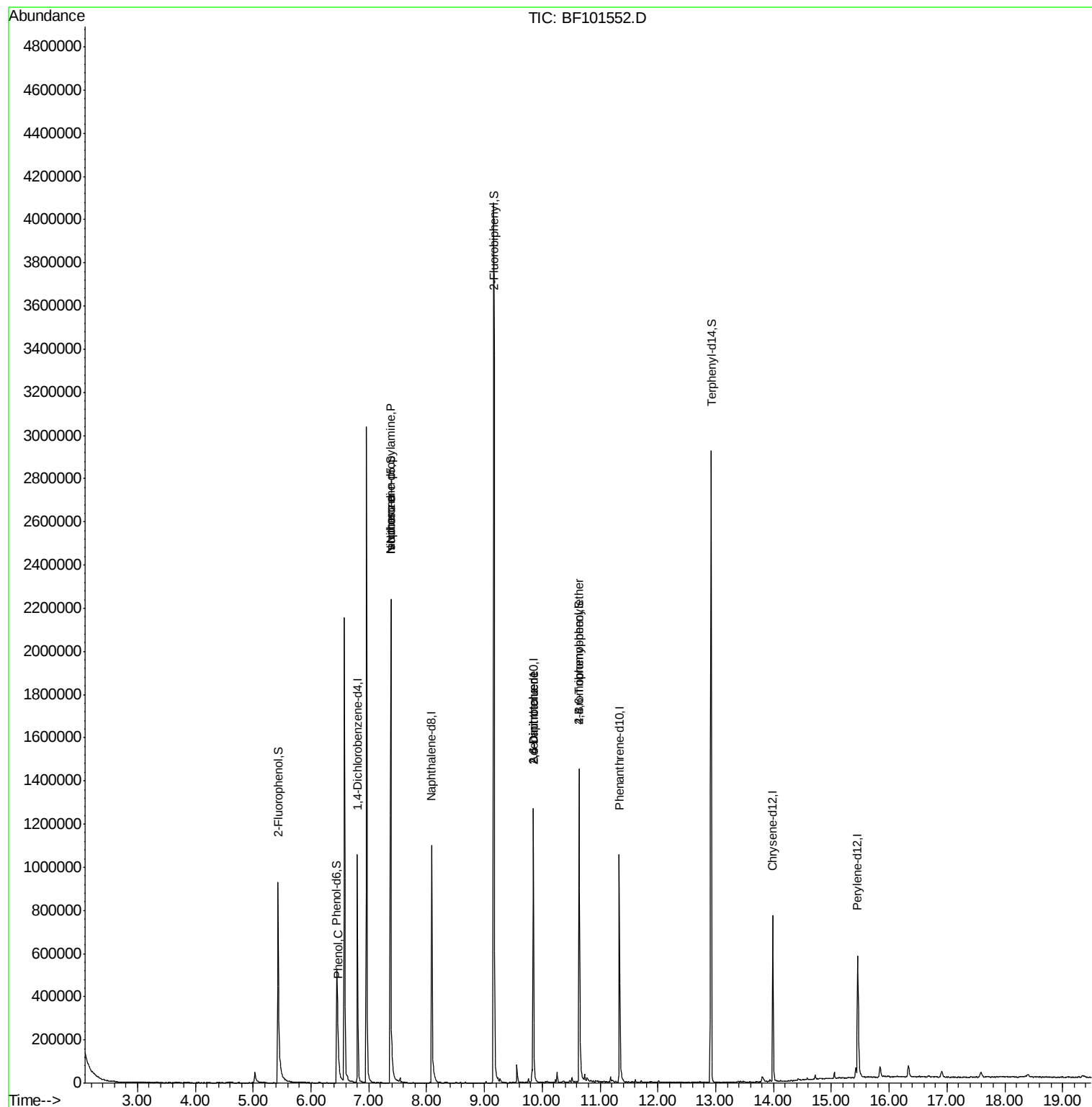
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158117	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	640925	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	272589	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	468542	20.00	ng	0.00
75) Chrysene-d12	13.99	240	308905	20.00	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	82
19) n-Nitroso-di-n-propylamine	7.37	70	123866	14.277	ng	# 81
25) Isophorone	7.38	82	928828	40.213	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	34795	7.808	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	34795	6.930	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	12923	2.455	ng	# 1

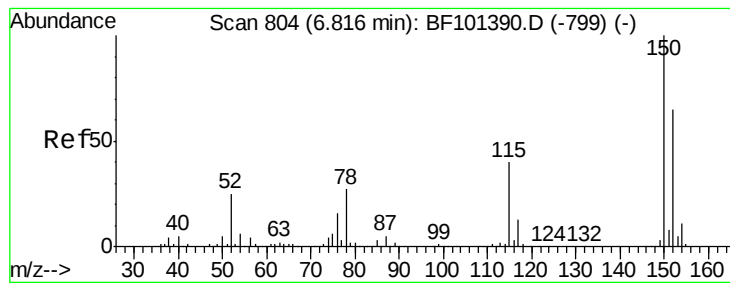
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 35 Sample Multiplier: 1

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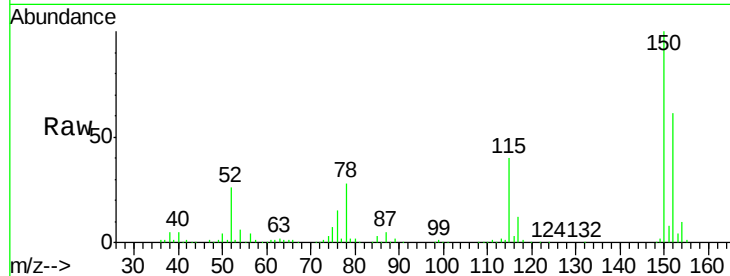


#1

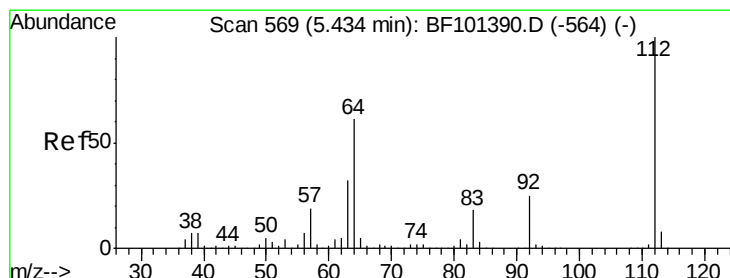
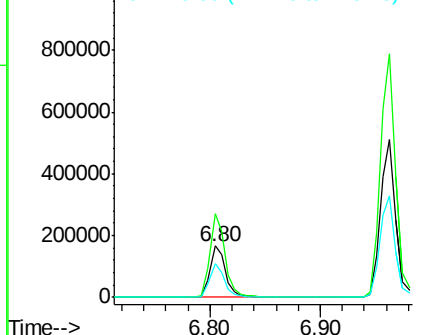
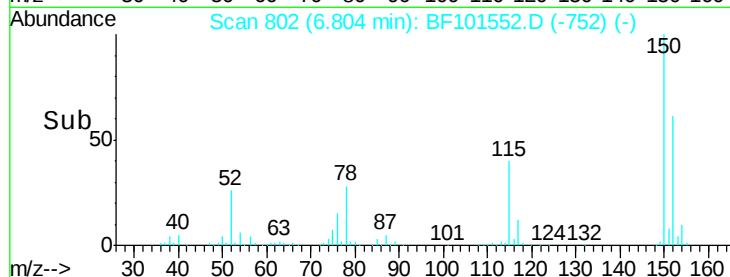
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

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



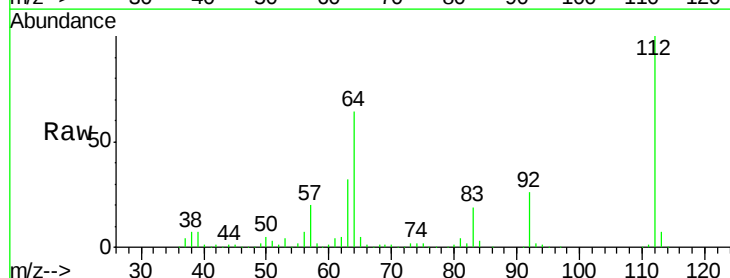
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



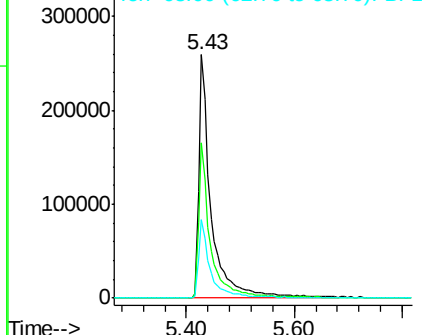
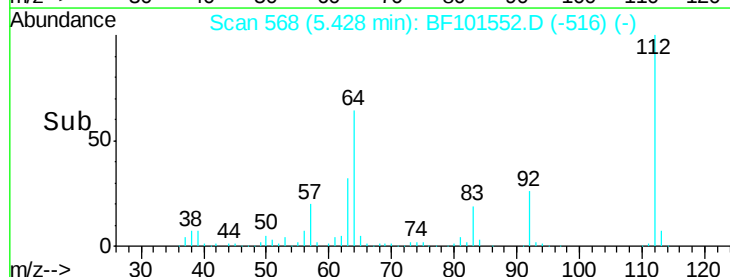
#5

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

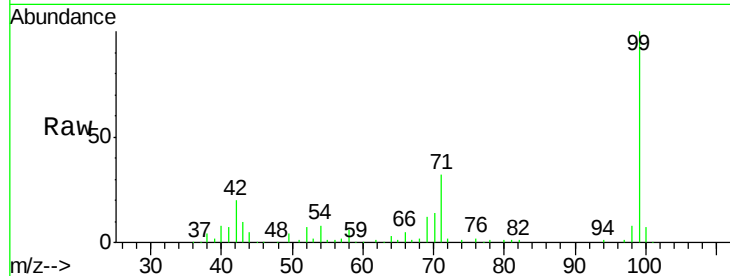
Tot Ion: 99 Resp: 296850

Ion Ratio Lower Upper

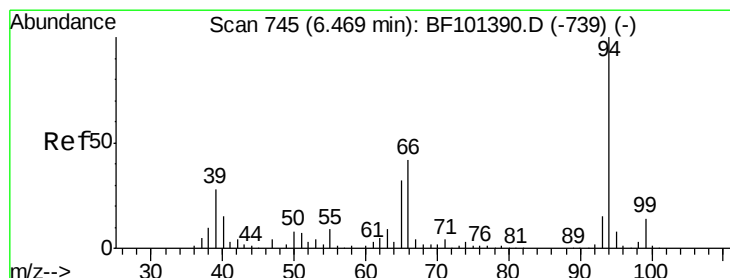
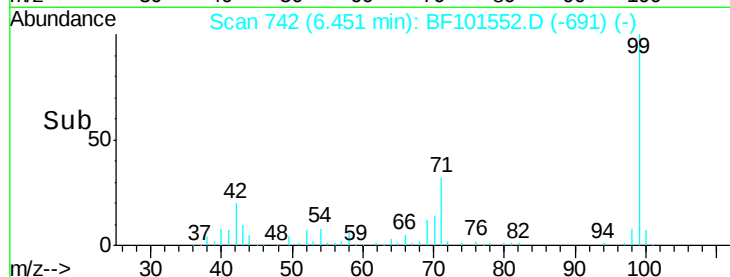
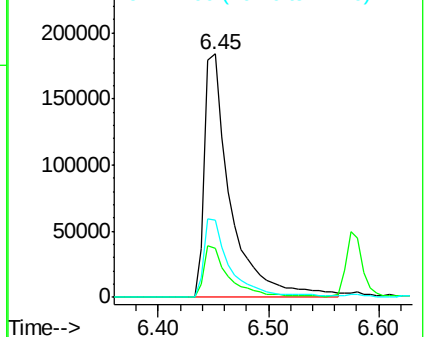
99 100

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

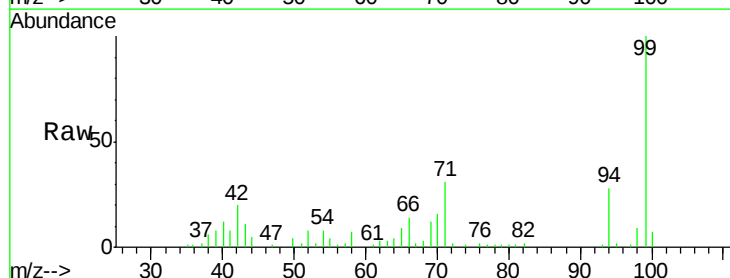
Tgt Ion: 94 Resp: 34035

Ion Ratio Lower Upper

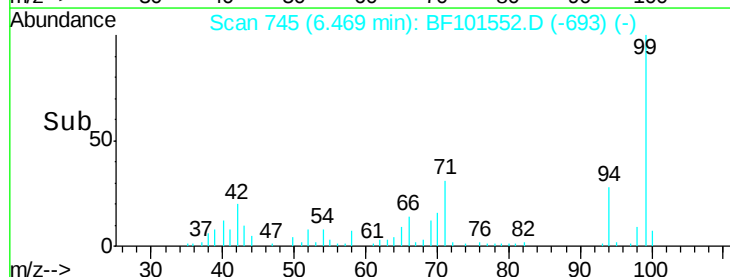
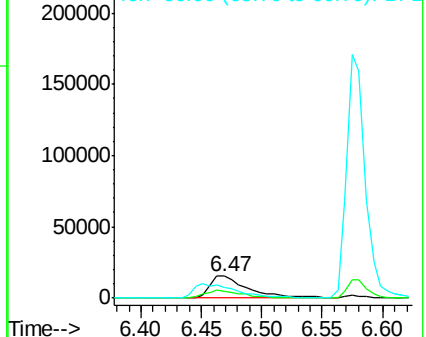
94 100

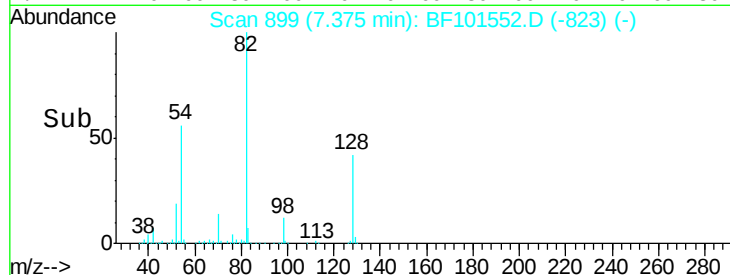
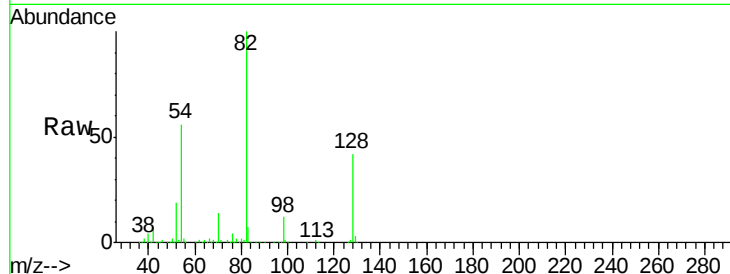
65 32.6 7.9 47.9

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

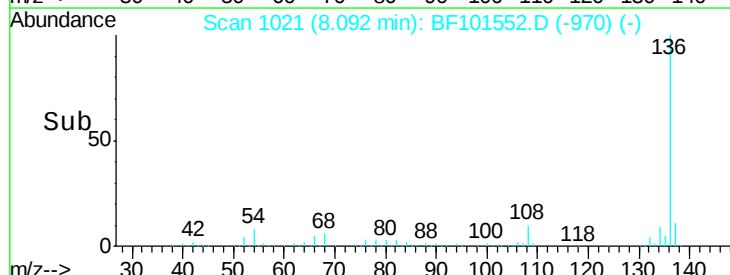
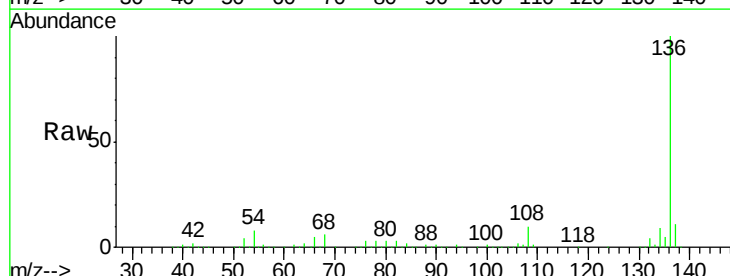
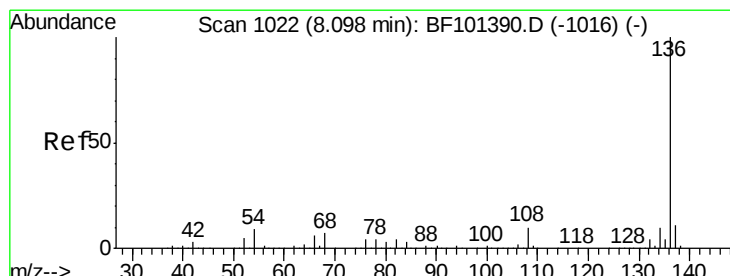
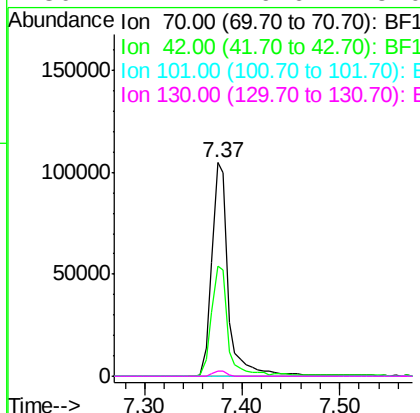




#19
n-Nitroso-di-n-propylamine
Concen: 14.277 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

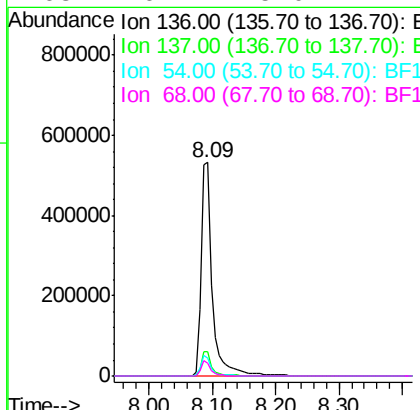
Instrument :
BNA_F
ClientSampleId :
121417-TIDO-E-D-S

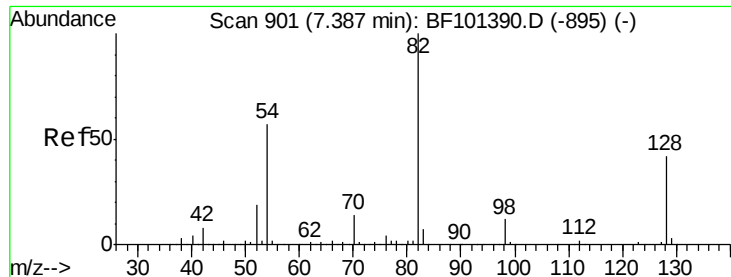
Tot Ion: 70 Resp: 123866
Ion Ratio Lower Upper
70 100
42 51.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



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

Tgt 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

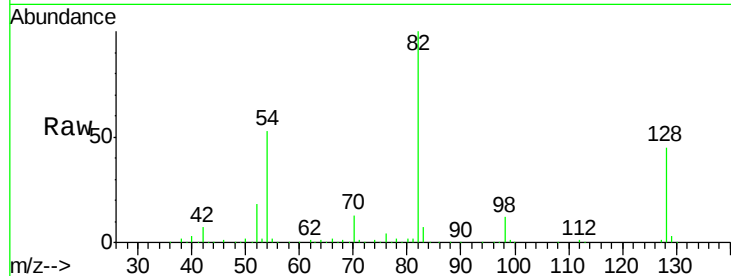




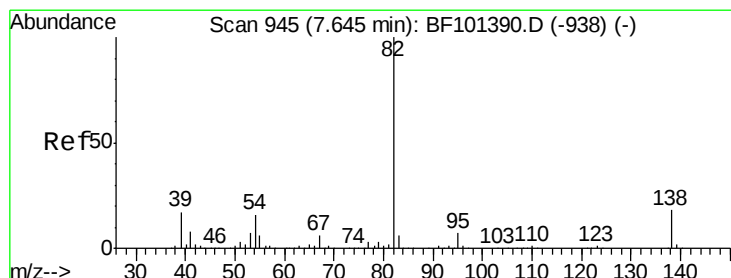
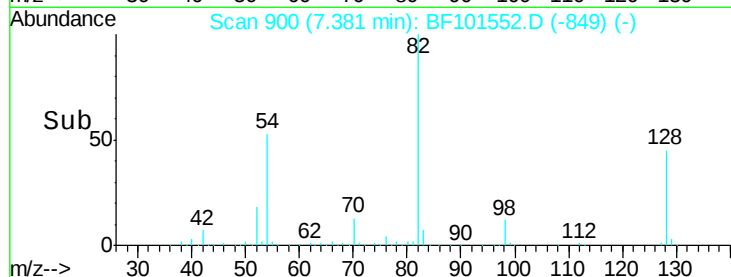
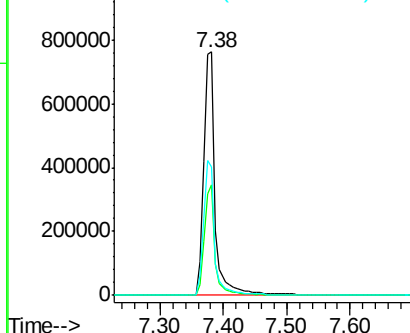
#23
Nitrobenzene-d5
Concen: 80.671 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

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

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

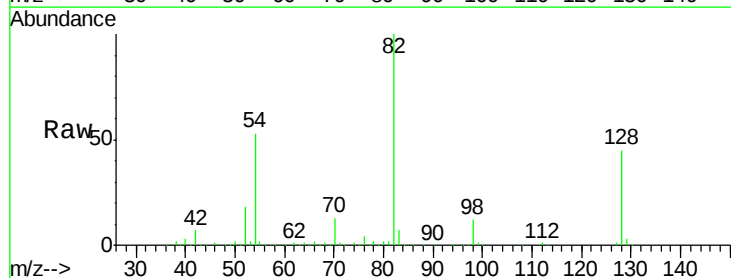


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

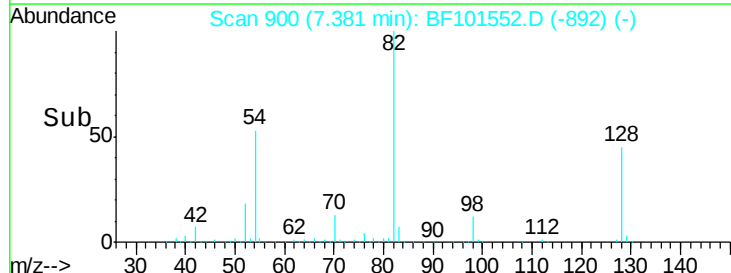
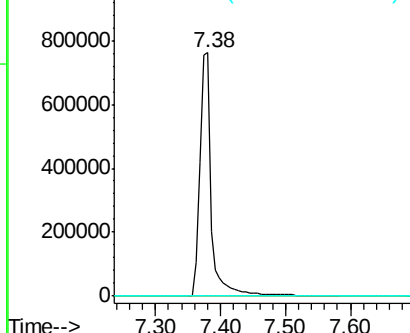


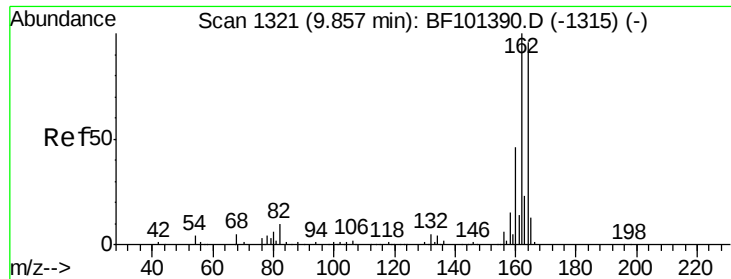
#25
Isophorone
Concen: 40.213 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.25 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

Tgt Ion	82	Resp	928828
Ion Ratio	100	Lower	Upper
95	0.0	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

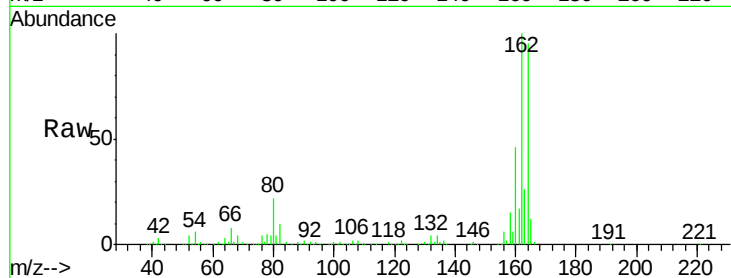




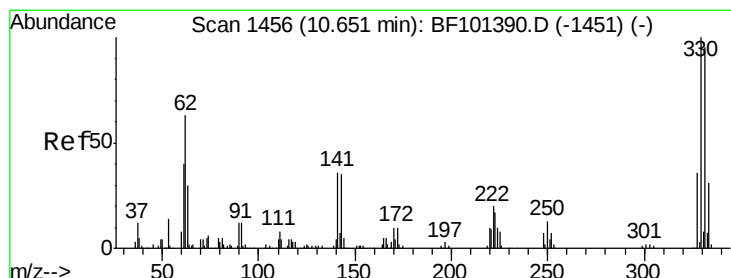
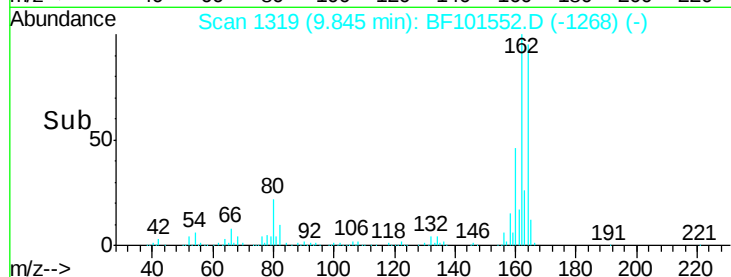
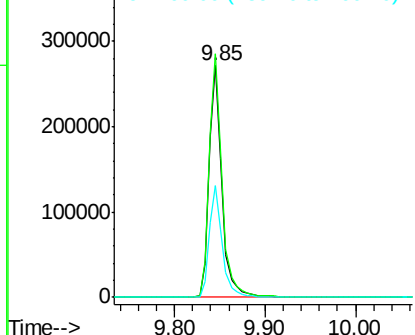
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

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

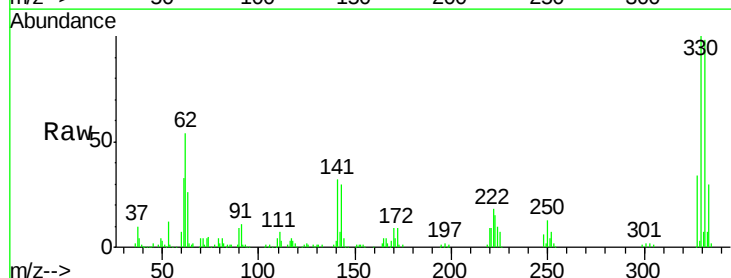


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

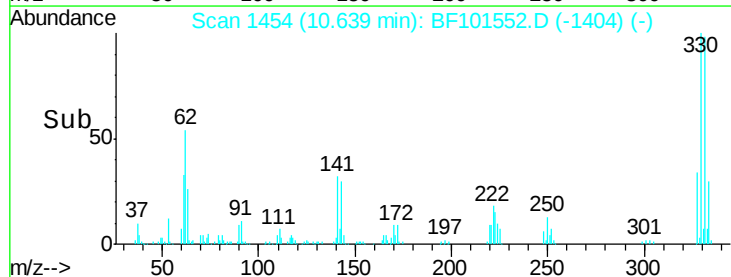
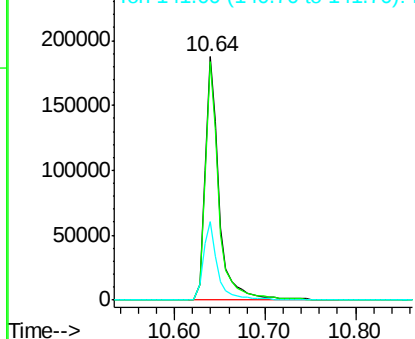


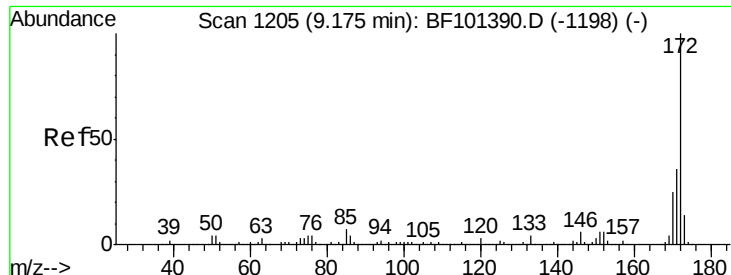
#41
2,4,6-Tribromophenol
Concen: 77.886 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

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



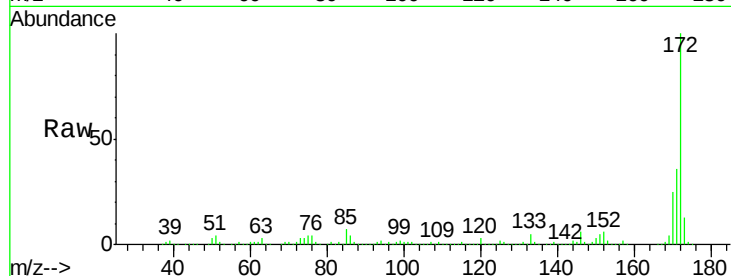


#44
 2-Fluorobiphenyl
 Concen: 85.618 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101552.D
 Acq: 20 Dec 2017 5:51

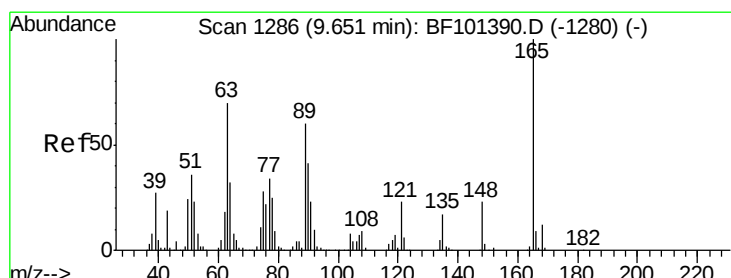
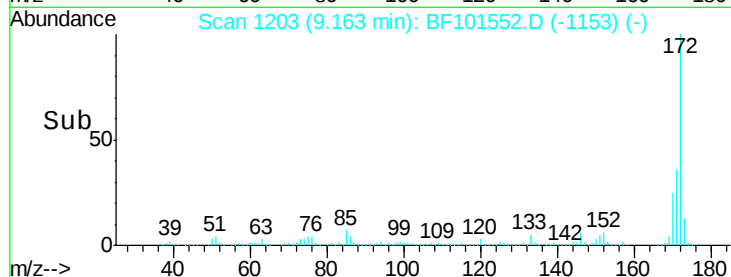
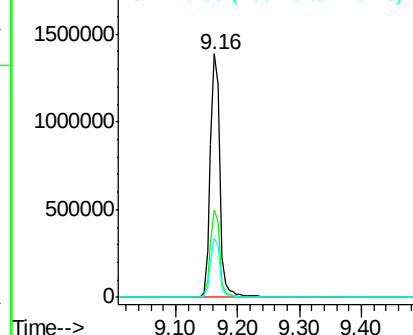
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Tot Ion:172 Resp: 1504506

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.5	19.6	29.4



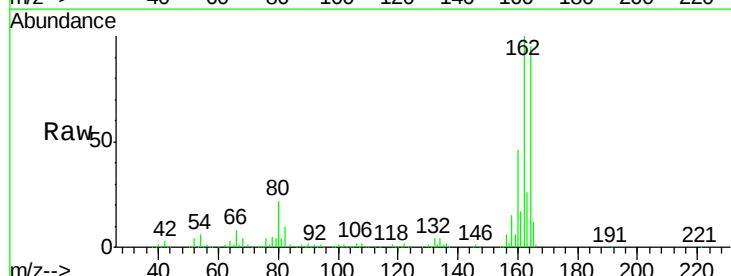
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



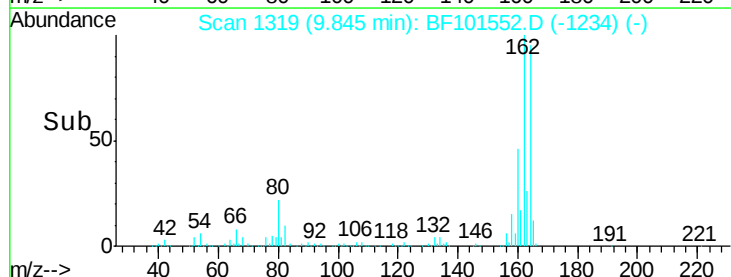
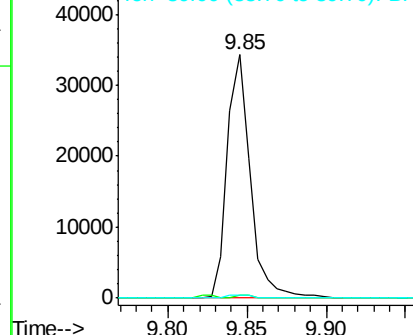
#50
 2,6-Dinitrotoluene
 Concen: 7.808 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF101552.D
 Acq: 20 Dec 2017 5:51

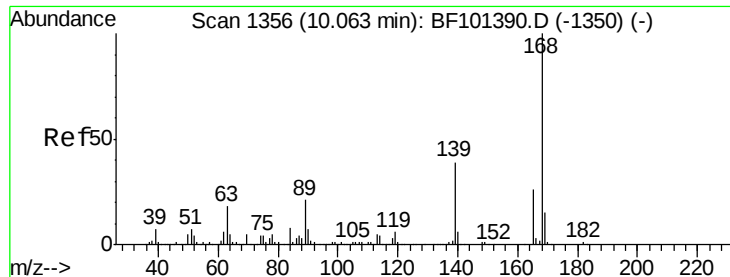
Tgt Ion:165 Resp: 34795

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	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

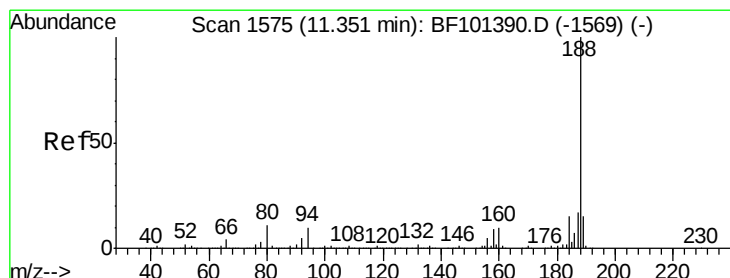
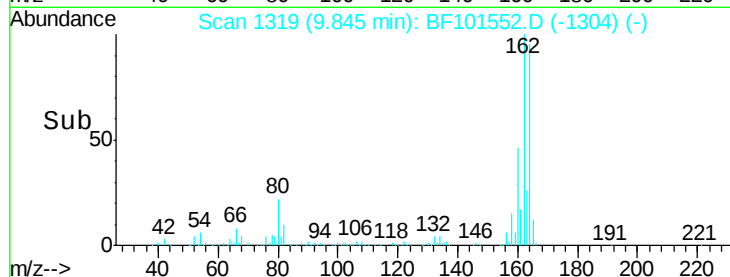
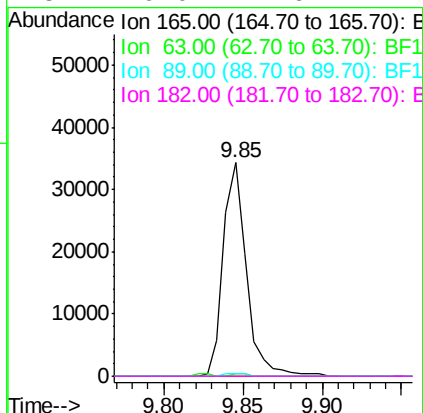
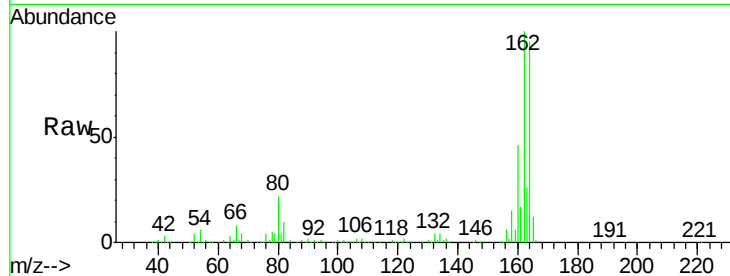




#56
 2,4-Dinitrotoluene
 Concen: 6.930 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101552.D
 Acq: 20 Dec 2017 5:51

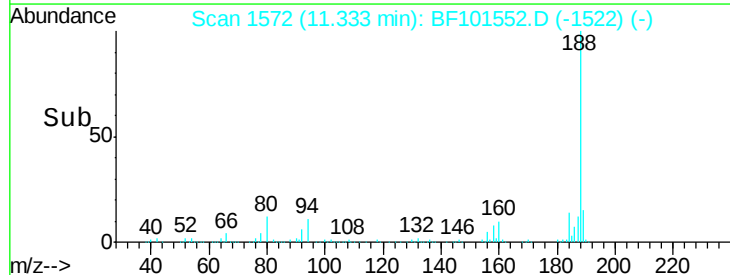
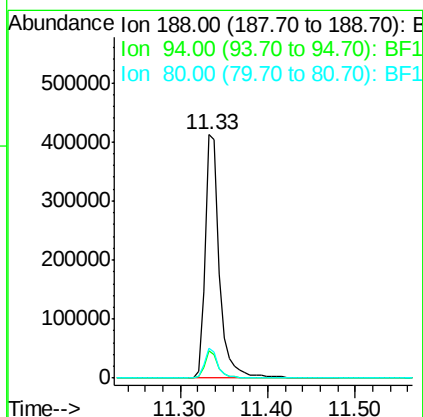
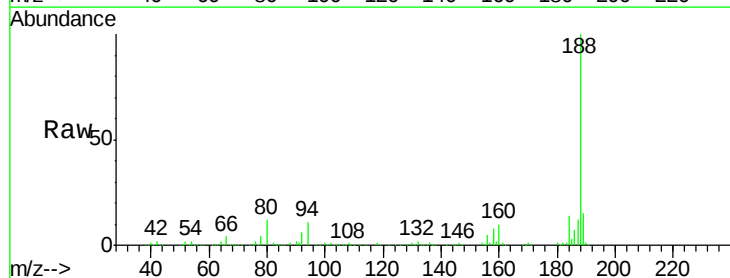
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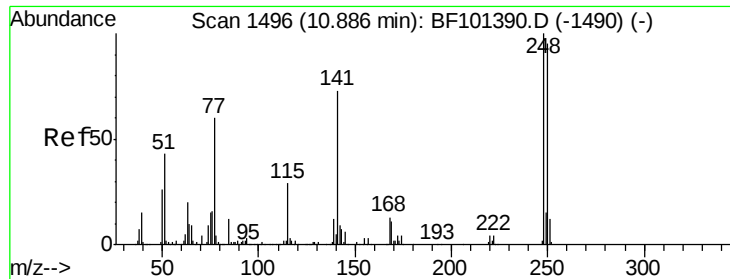
Tot Ion:	165	Resp:	34795
Ion Ratio	Lower	Upper	
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#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

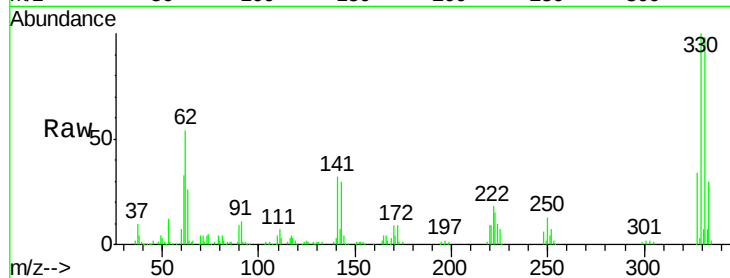




#66
4-Bromophenyl-phenylether
Concen: 2.455 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	209.1	76.9	115.3#
141	525.5	74.4	111.6#

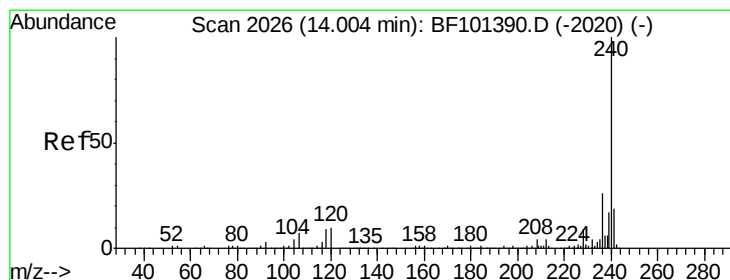
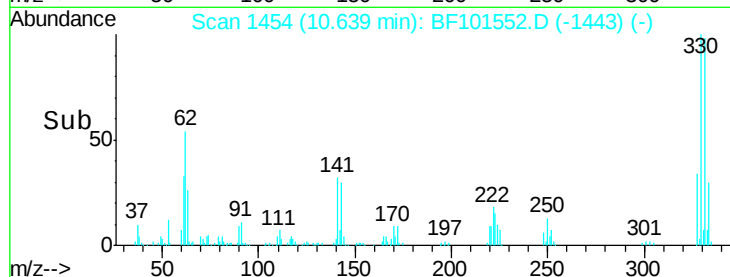
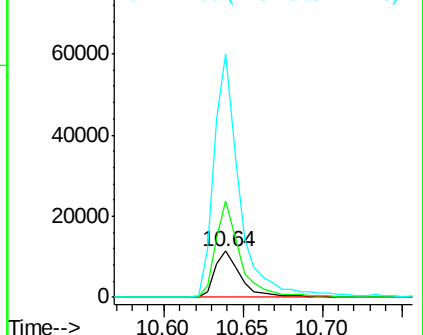


Abundance

Ion 248.00 (247.70 to 248.70): E

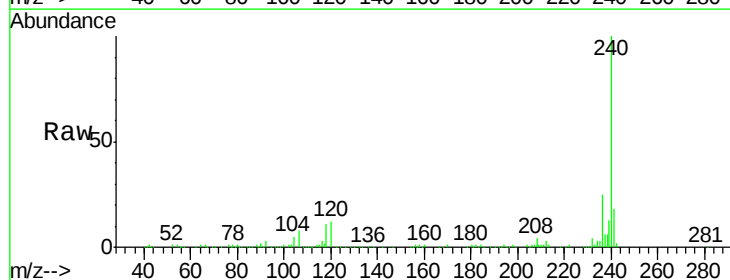
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101552.D
Acq: 20 Dec 2017 5:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	24.5	20.7	31.1

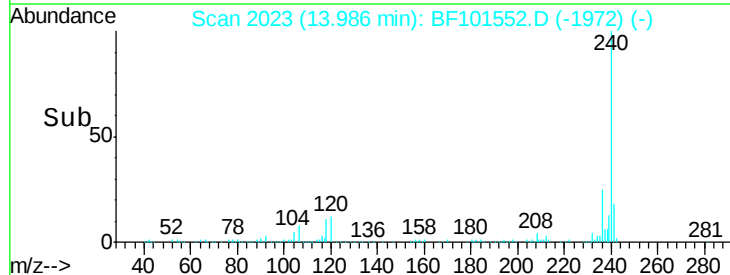
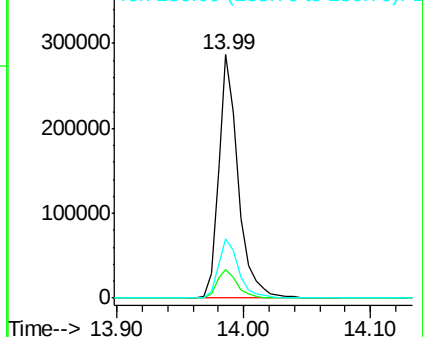


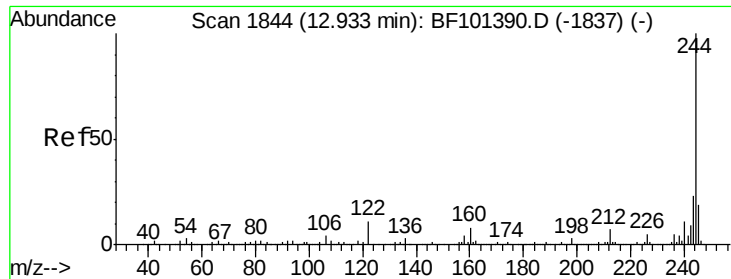
Abundance

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

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-D-S

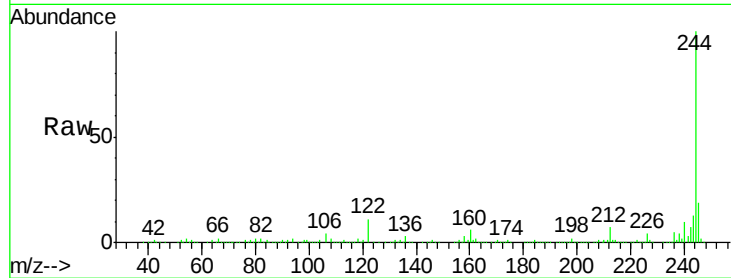
Tot Ion:244 Resp: 1089639

Ion Ratio Lower Upper

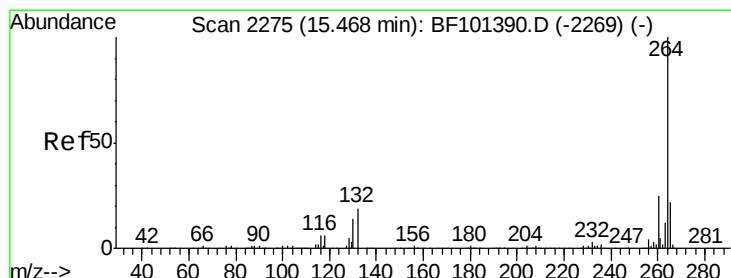
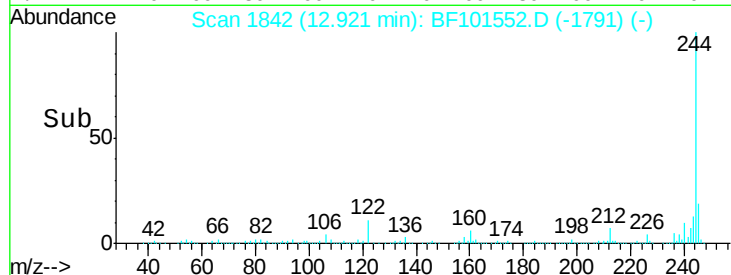
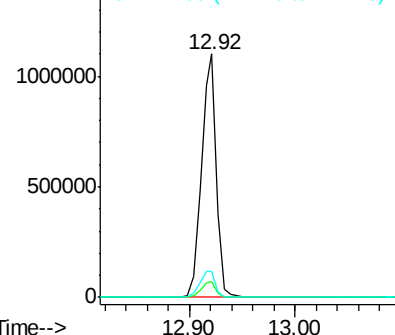
244 100

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

Perylene-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

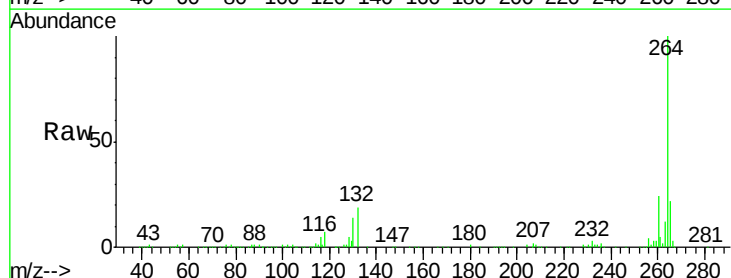
Tgt Ion:264 Resp: 329103

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 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

