

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101596.D
 Acq On : 21 Dec 2017 9:45
 Operator : SJ/JU
 Sample : I6971-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-S

Quant Time: Dec 21 10:52:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

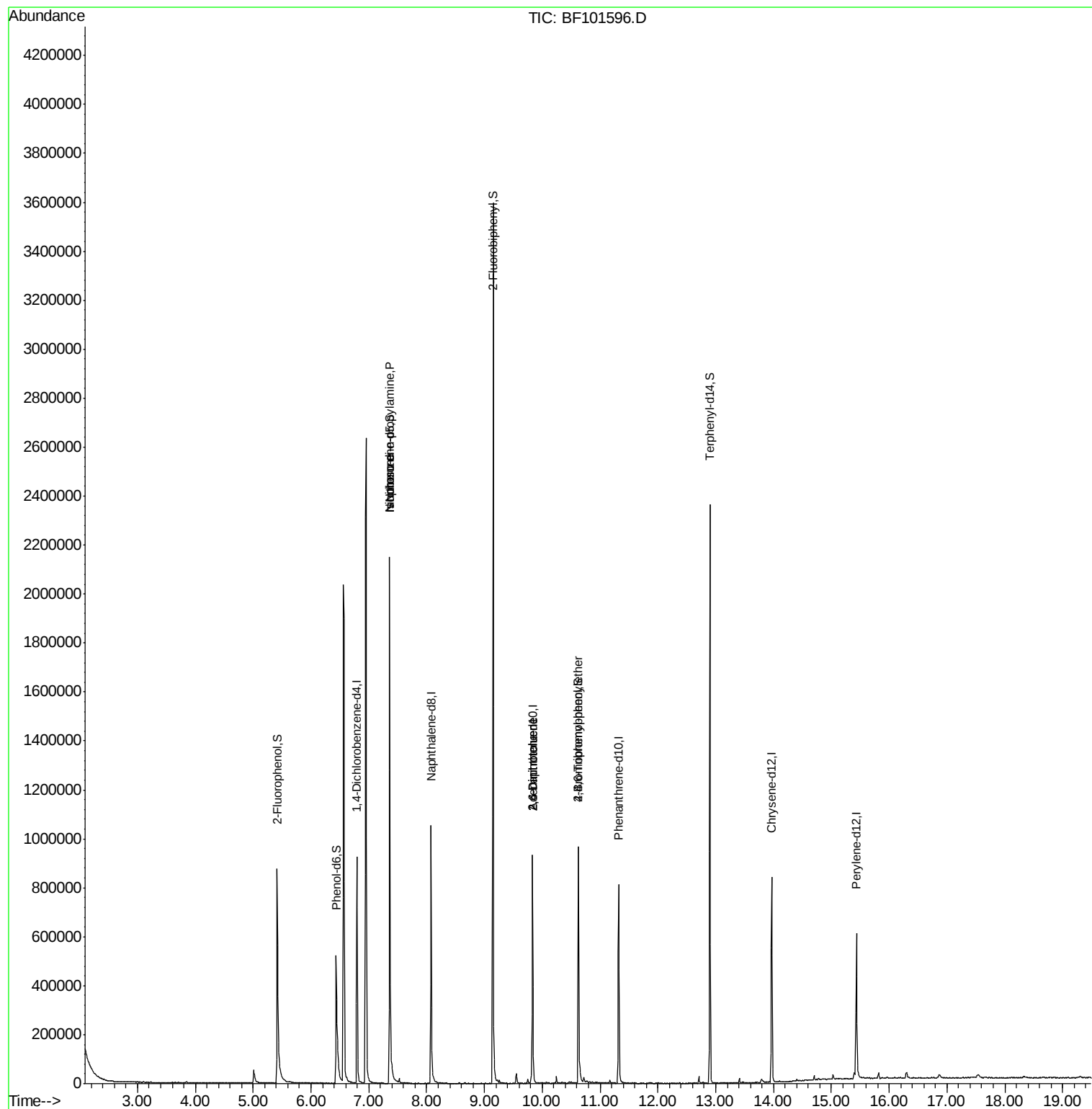
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140533	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	526606	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202618	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	308794	20.00	ng	0.00
75) Chrysene-d12	13.97	240	299854	20.00	ng	0.00
86) Perylene-d12	15.43	264	308462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	369598	39.18	ng	0.00
7) Phenol-d6	6.43	99	292389	24.90	ng	0.00
23) Nitrobenzene-d5	7.36	82	793683	83.90	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	133099	68.17	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1184046	90.65	ng	0.00
78) Terphenyl-d14	12.90	244	818391	65.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	105539	13.687	ng	# 83
25) Isophorone	7.36	82	793683	41.822	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	25243	7.621	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	25243	6.764	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	8117	2.339	ng	# 1

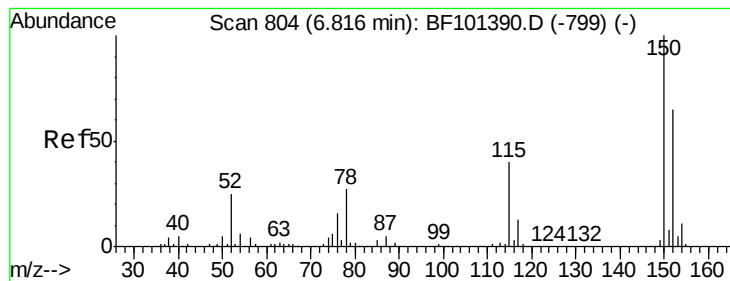
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

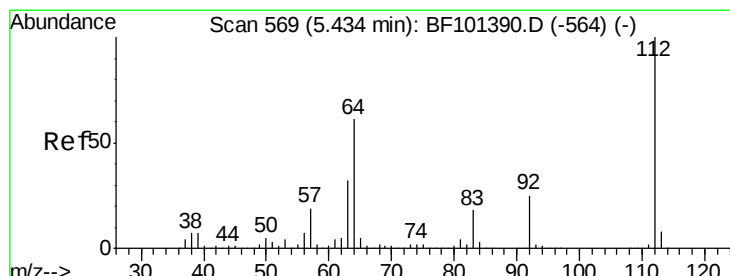
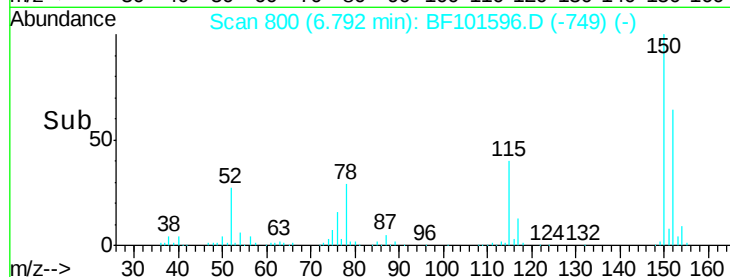
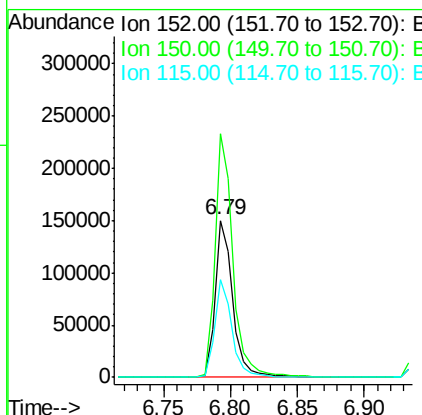
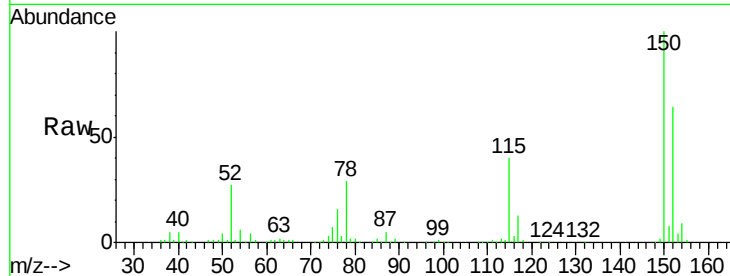




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101596.D
 Acq: 21 Dec 2017 9:45

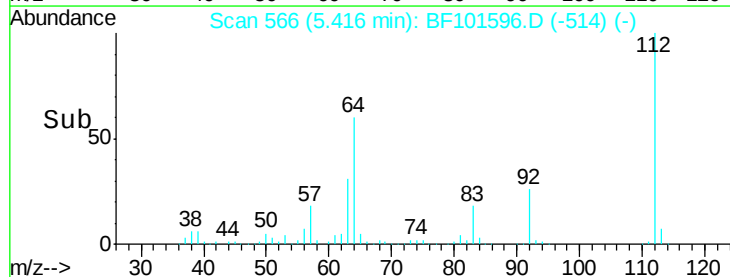
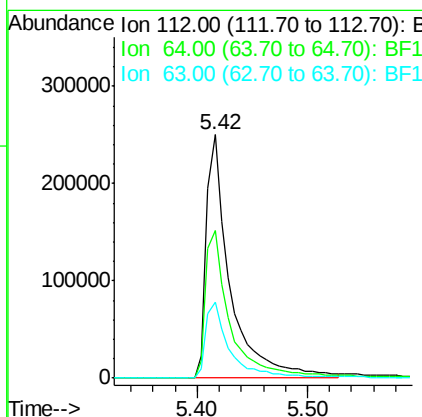
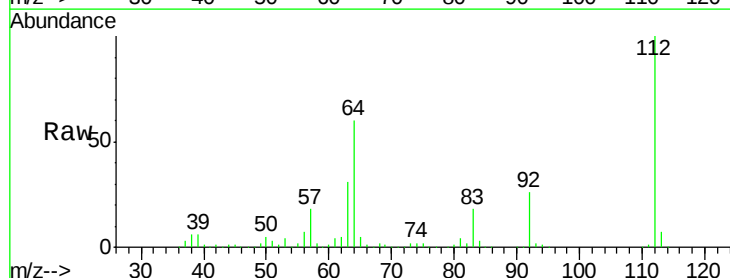
Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-S

Tgt Ion:152 Resp: 140533
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 62.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 39.176 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101596.D
 Acq: 21 Dec 2017 9:45

Tgt Ion:112 Resp: 369598
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 24.902 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-S

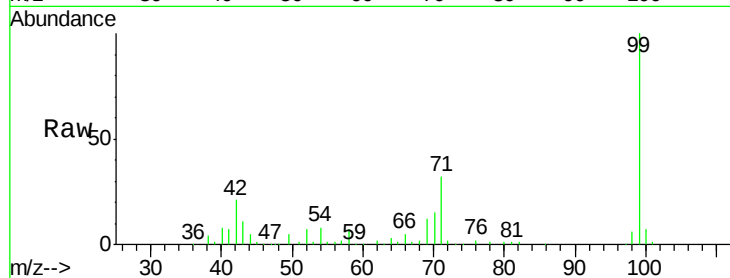
Tgt Ion: 99 Resp: 292389

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

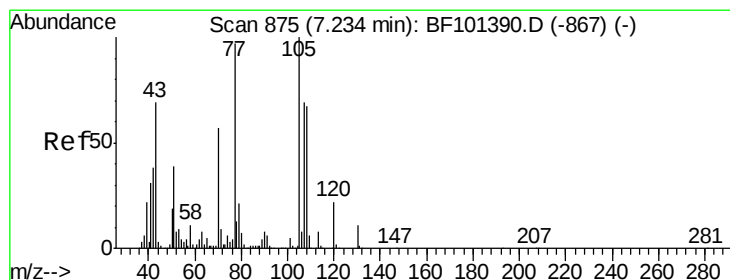
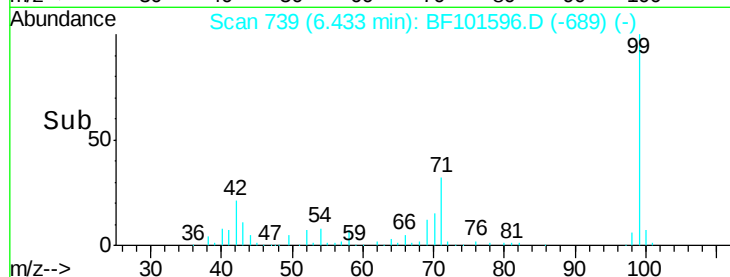
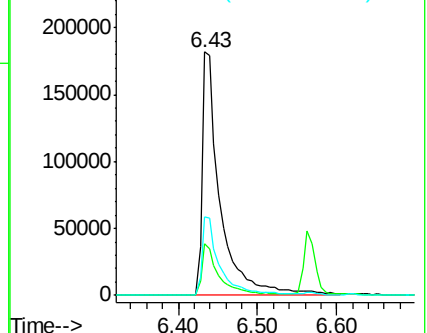
71 32.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.687 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

Tgt Ion: 70 Resp: 105539

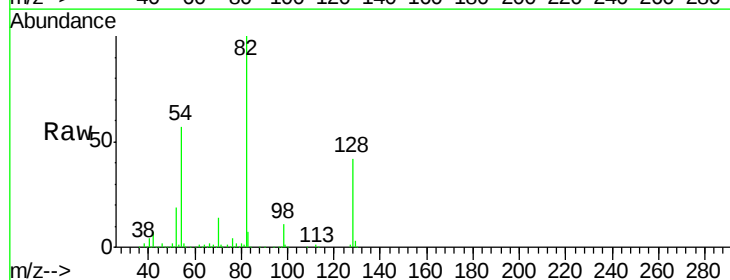
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

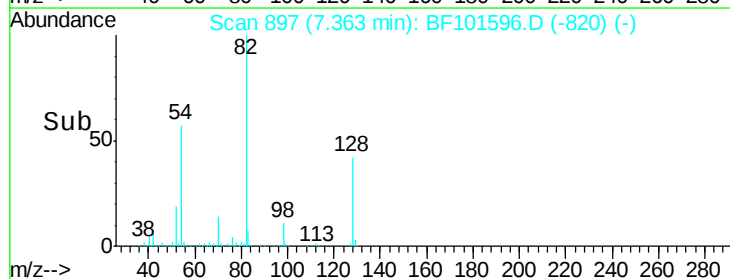
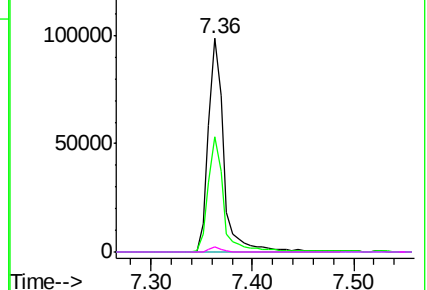


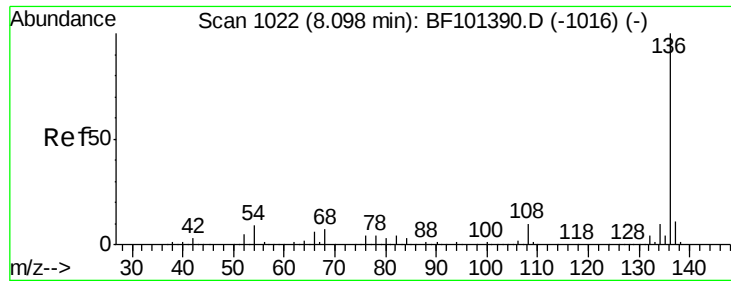
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

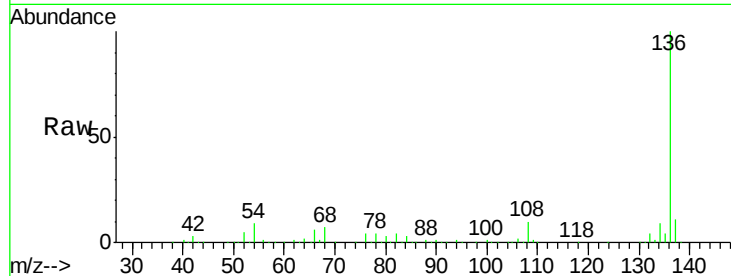




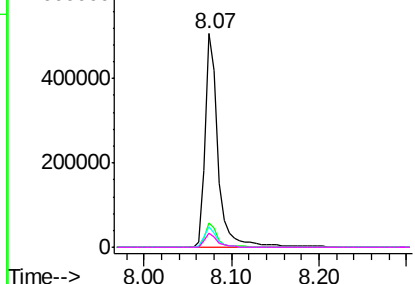
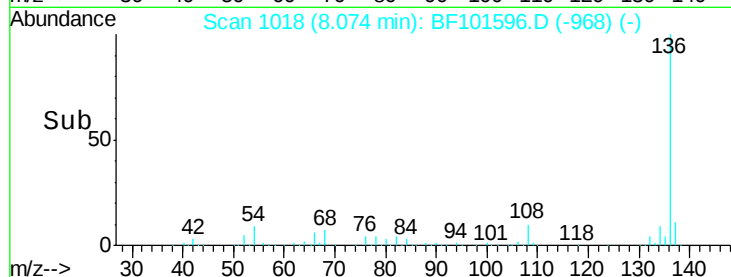
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-S

Tgt Ion:	136	Resp:	526606
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.4	6.6	9.8
68	6.8	5.0	7.4

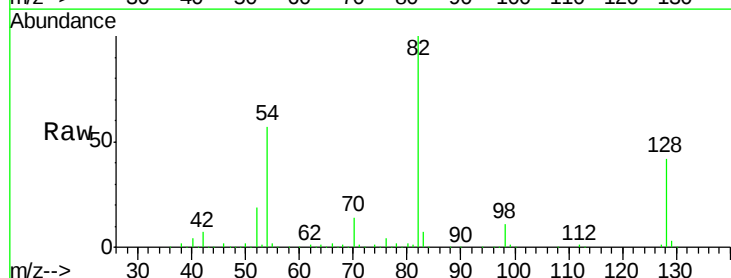


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

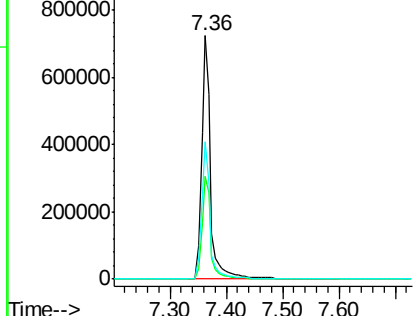
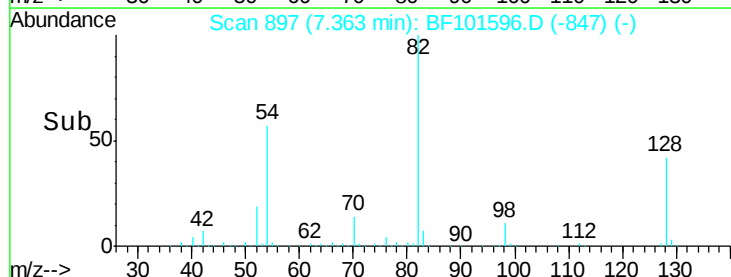


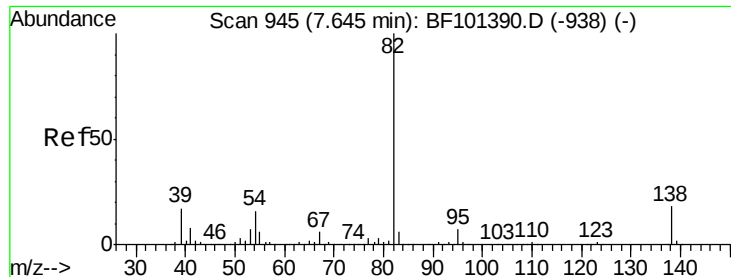
#23
Nitrobenzene-d5
Concen: 83.898 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

Tgt Ion:	82	Resp:	793683
Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	56.5	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





#25

Isophorone

Concen: 41.822 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-S

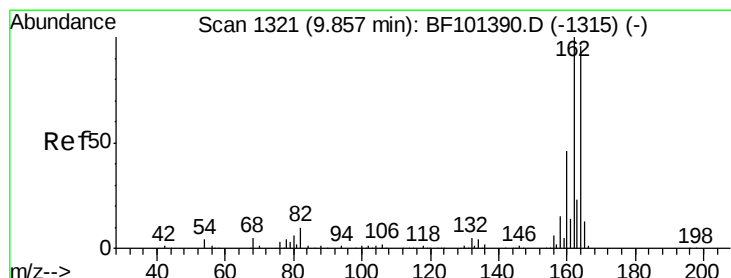
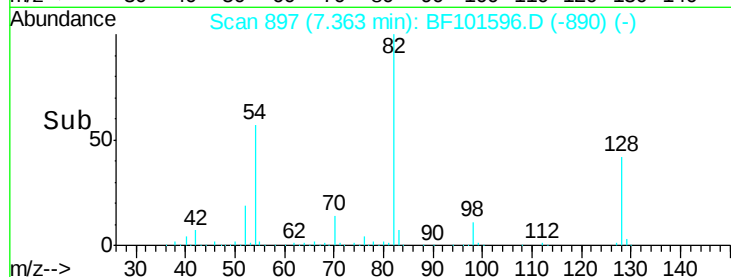
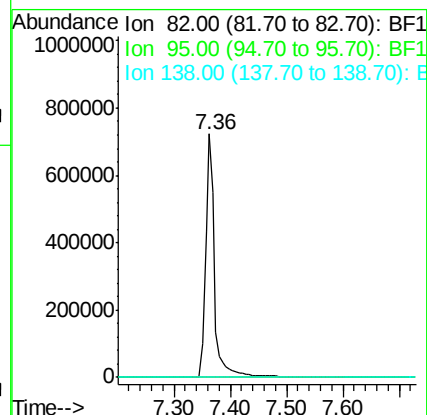
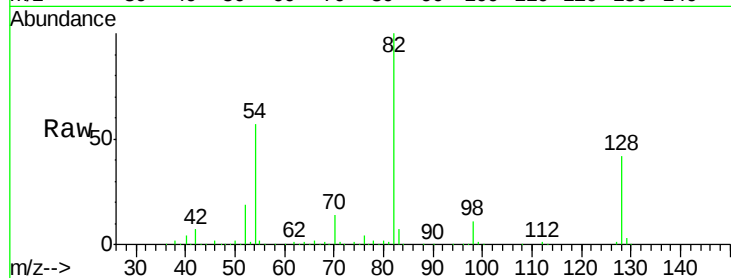
Tgt Ion: 82 Resp: 793683

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

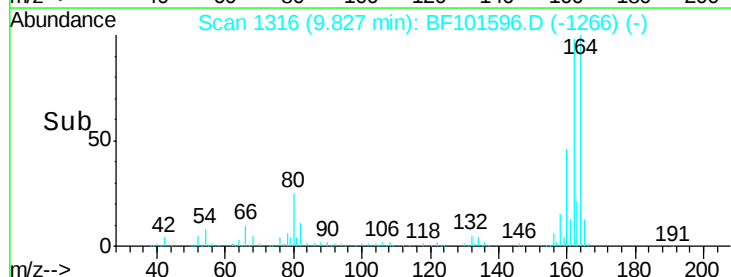
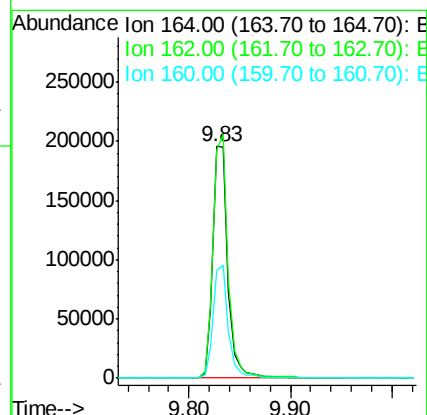
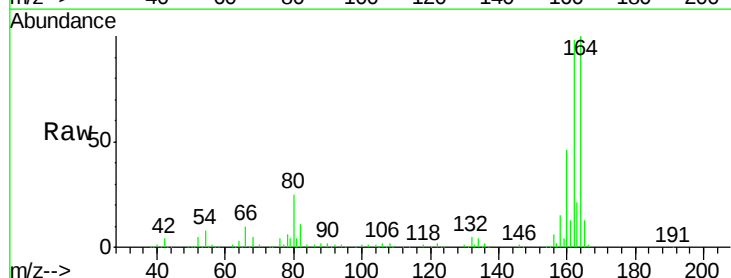
Tgt Ion: 164 Resp: 202618

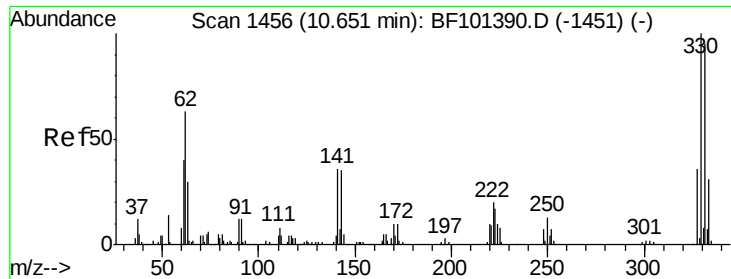
Ion Ratio Lower Upper

164 100

162 98.2 86.1 129.1

160 46.3 38.3 57.5

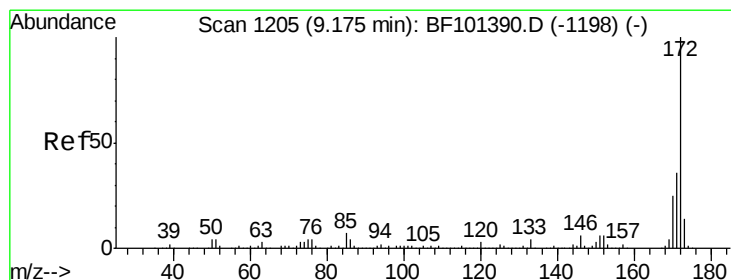
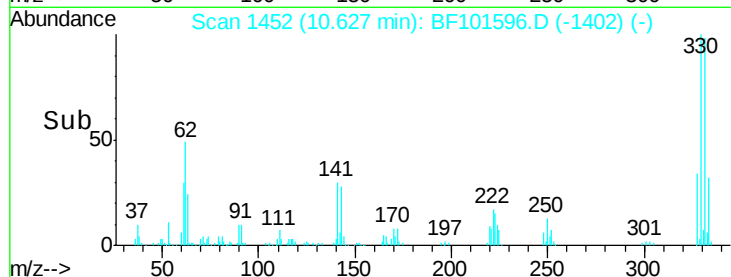
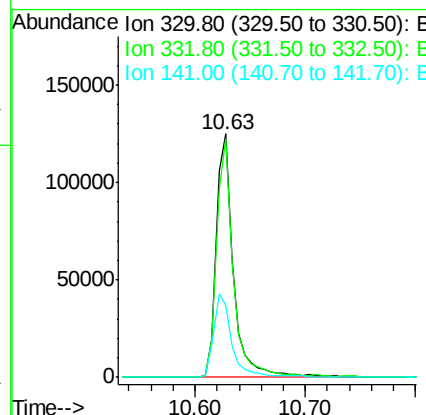
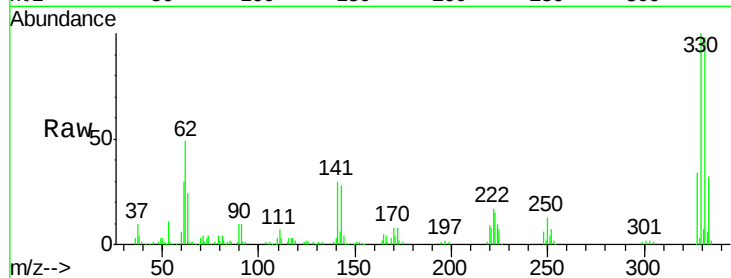




#41
 2,4,6-Tribromophenol
 Concen: 68.173 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101596.D
 Acq: 21 Dec 2017 9:45

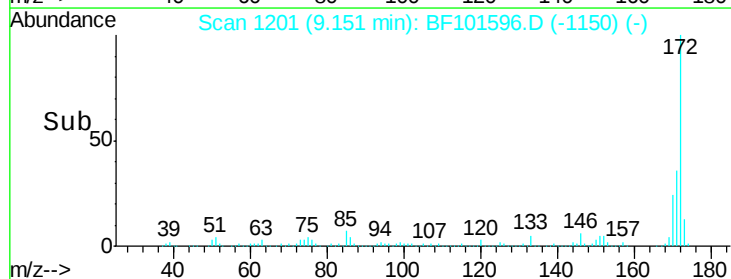
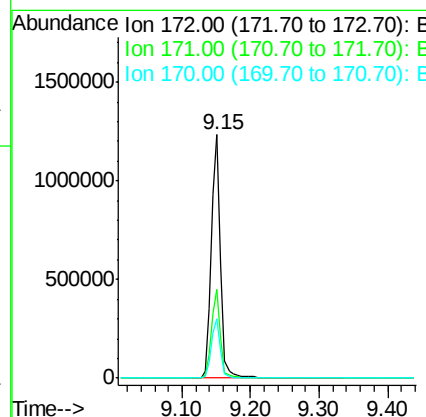
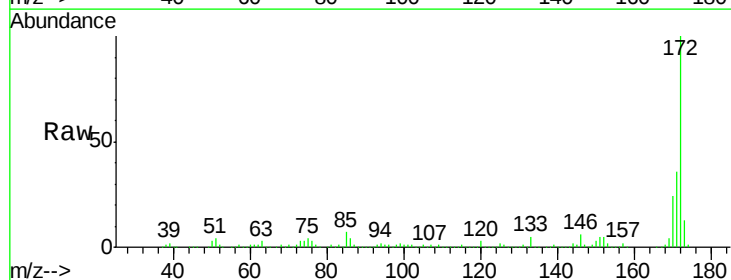
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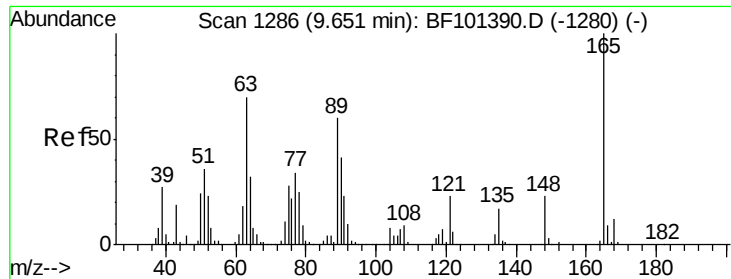
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 90.650 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101596.D
 Acq: 21 Dec 2017 9:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

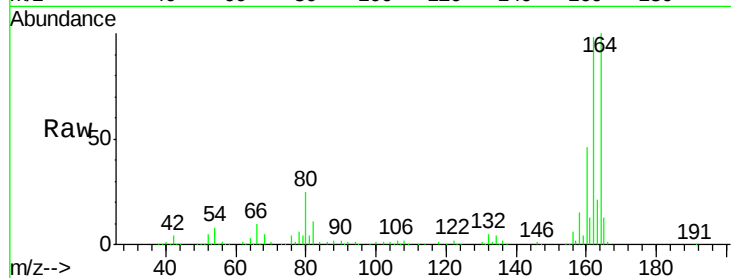




#50
2,6-Dinitrotoluene
Concen: 7.621 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.19 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-S

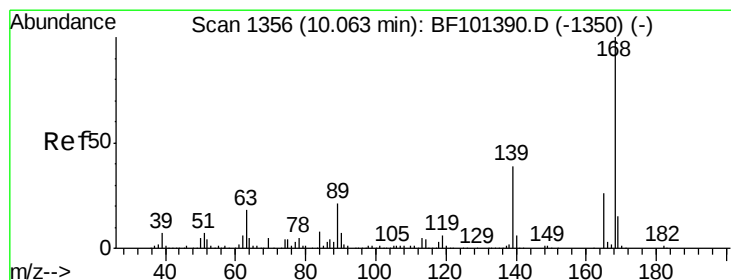
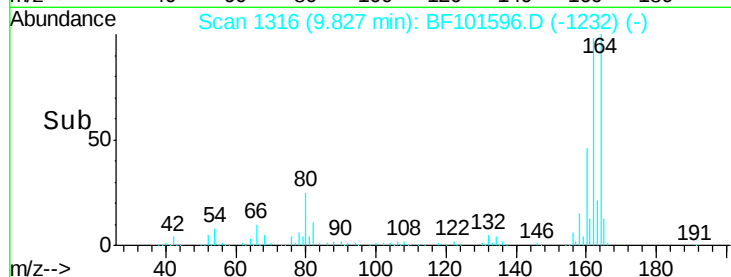
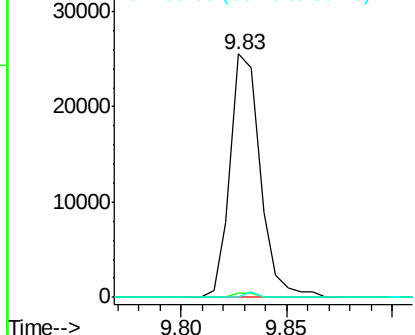
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#



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: 6.764 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.22 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

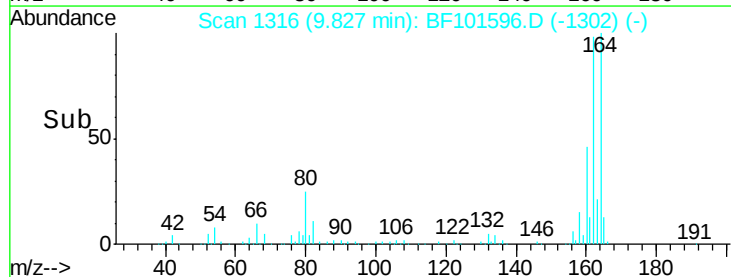
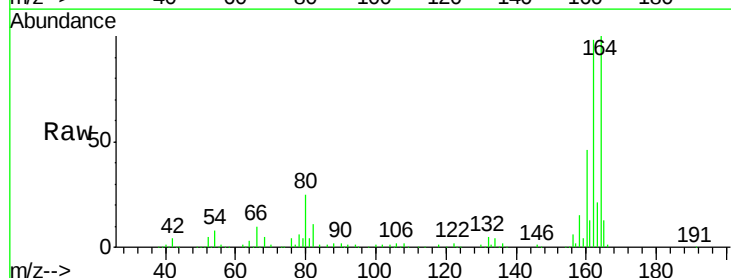
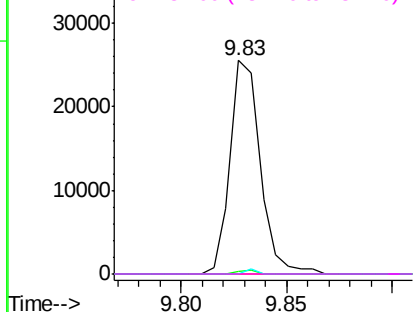
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

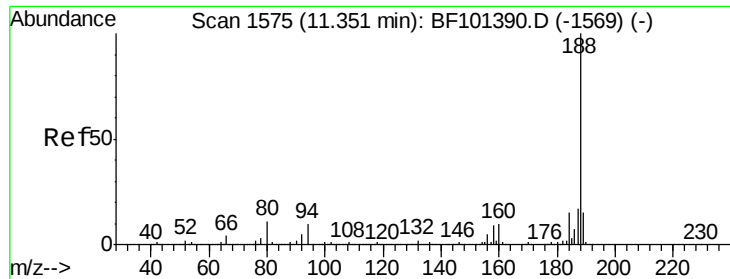
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

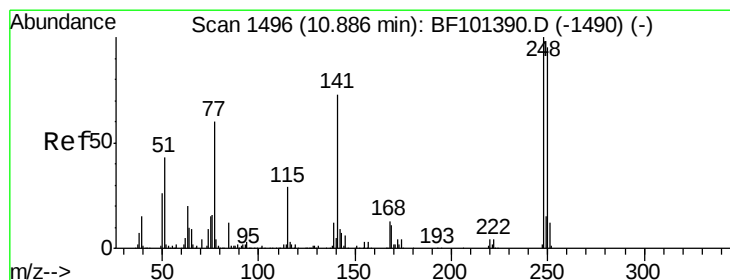
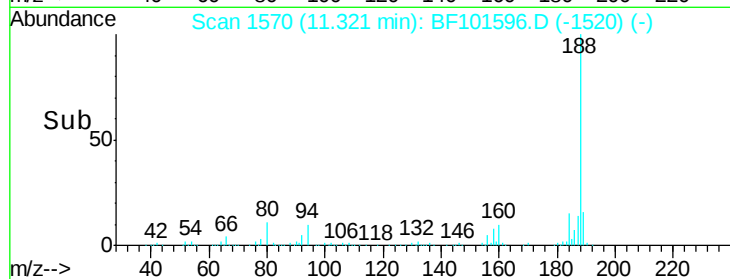
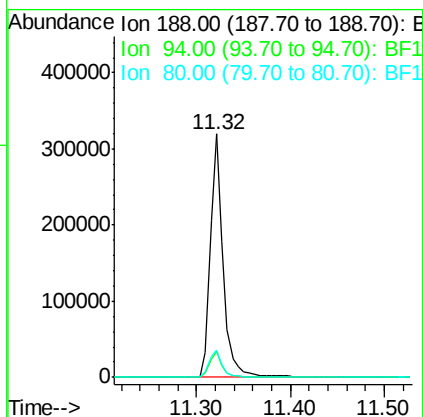
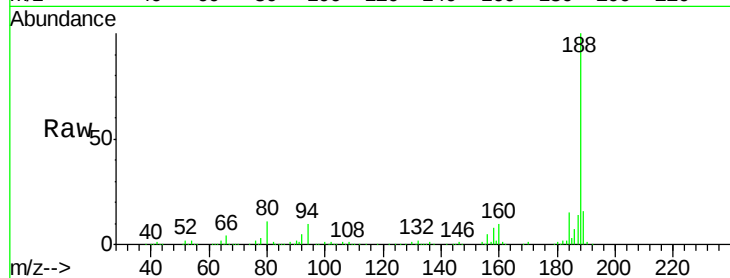




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101596.D
 Acq: 21 Dec 2017 9:45

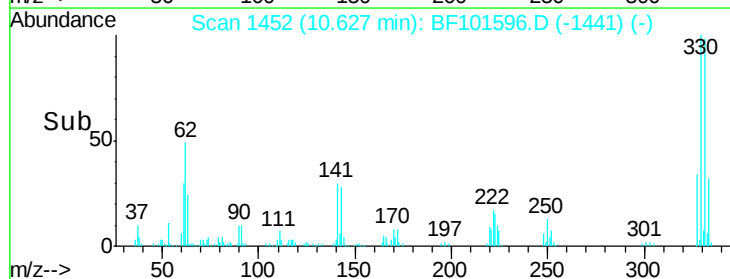
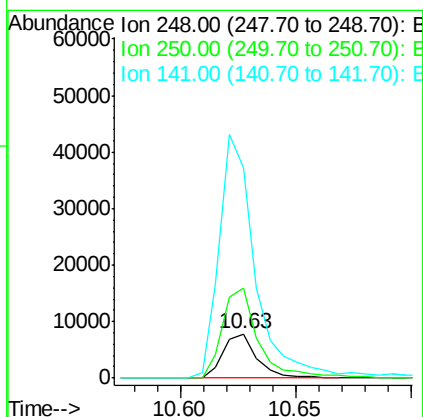
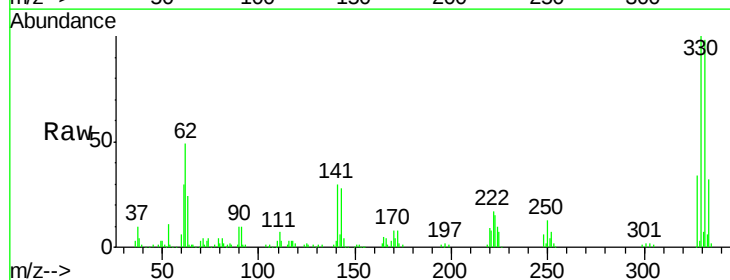
Instrument :
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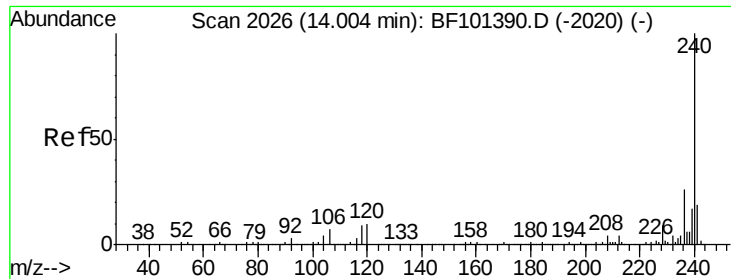
Tgt Ion:188 Resp: 308794
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.1 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.339 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF101596.D
 Acq: 21 Dec 2017 9:45

Tgt Ion:248 Resp: 8117
 Ion Ratio Lower Upper
 248 100
 250 203.0 76.9 115.3#
 141 472.2 74.4 111.6#

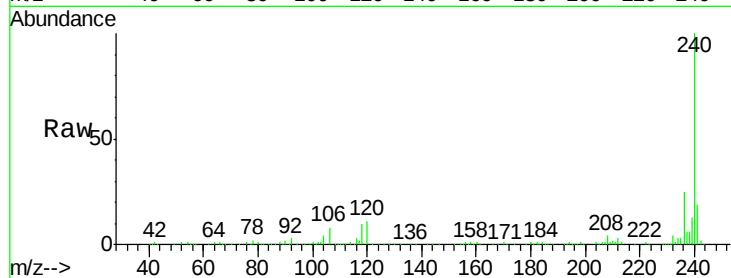




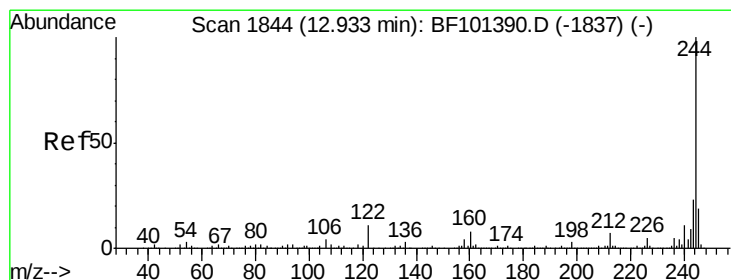
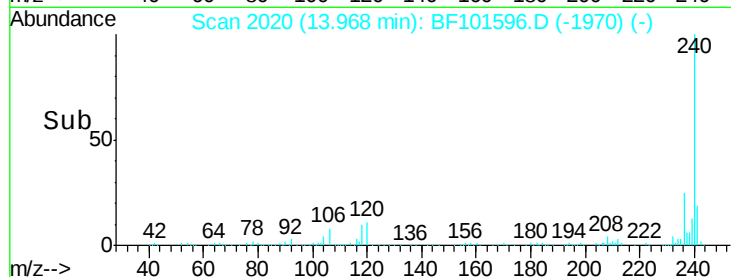
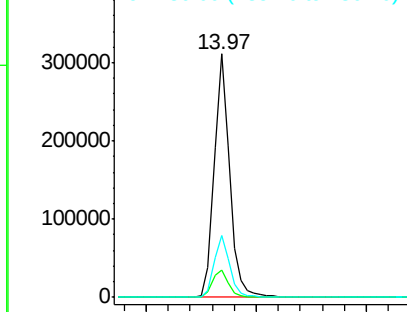
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-S

Tgt Ion:240 Resp: 299854
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.3 20.7 31.1

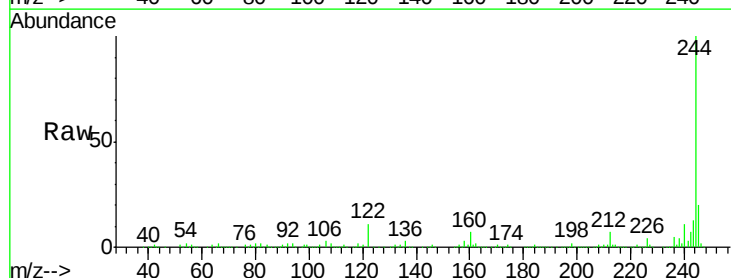


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

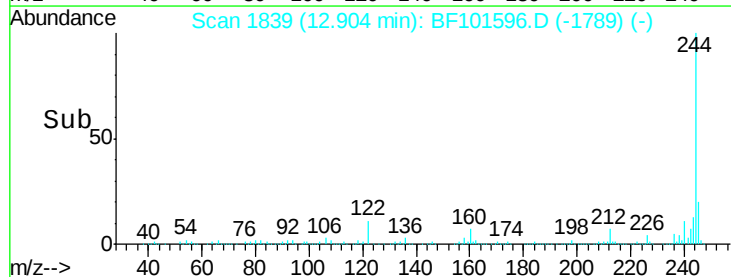
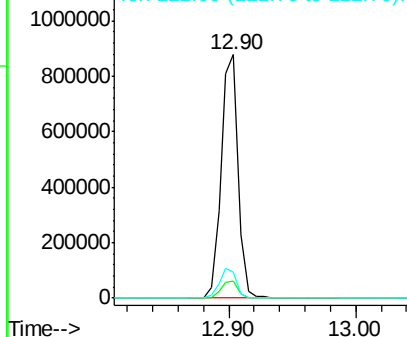


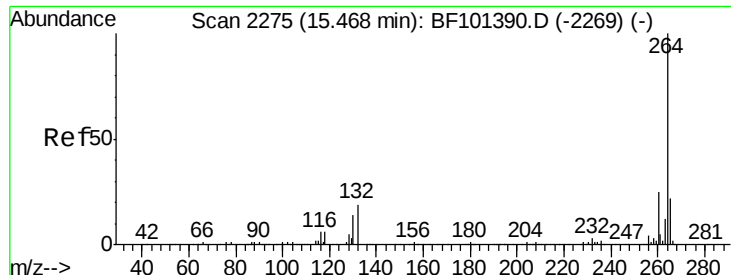
#78
Terphenyl-d14
Concen: 65.797 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

Tgt Ion:244 Resp: 818391
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 10.8 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: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-S

Tgt Ion: 264 Resp: 308462
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.0 17.5 26.3

