

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101594.D
 Acq On : 21 Dec 2017 8:51
 Operator : SJ/JU
 Sample : I6971-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Dec 21 10:48:44 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

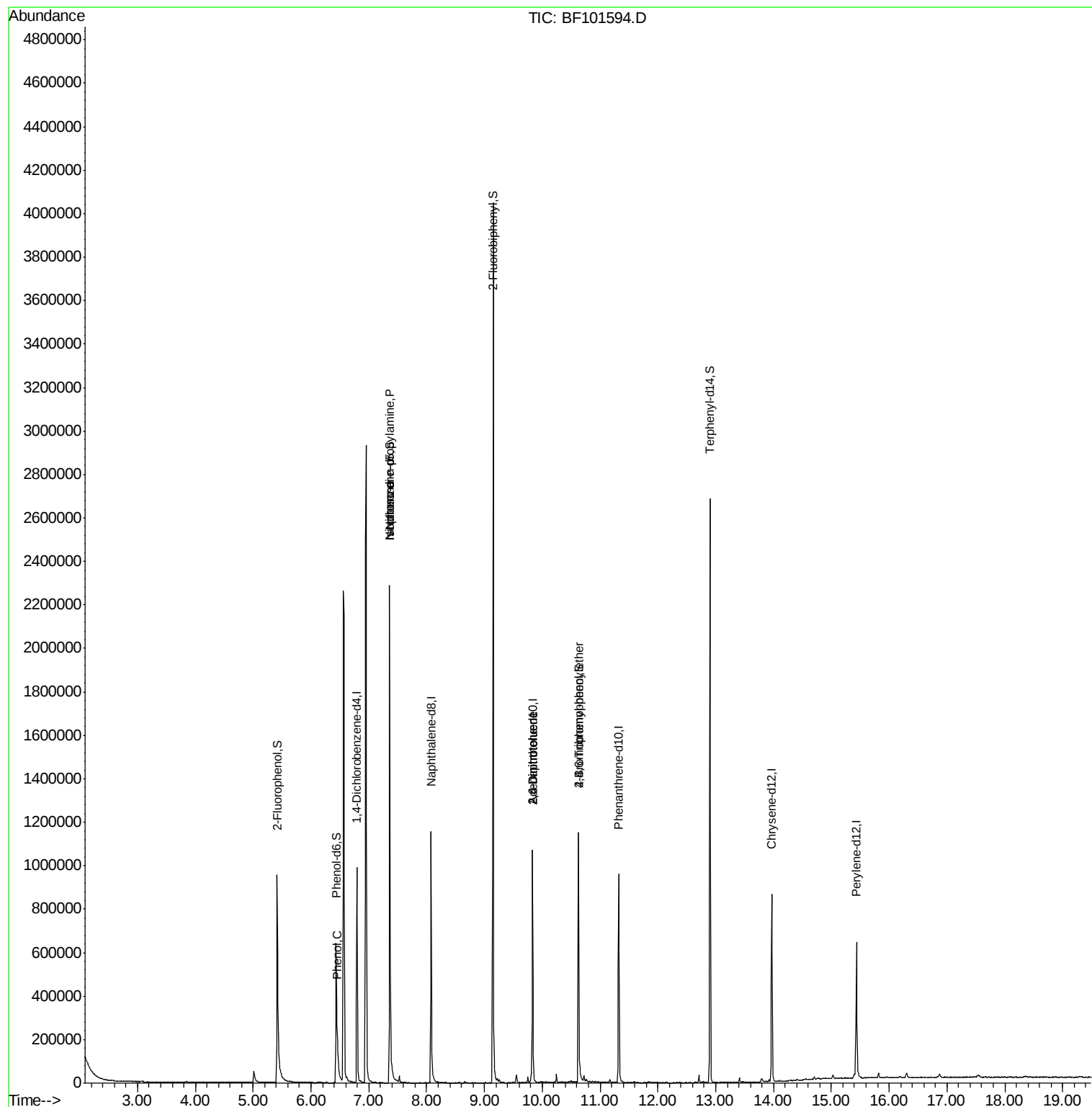
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150444	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	582377	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	228950	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	351893	20.00	ng	0.00
75) Chrysene-d12	13.97	240	296505	20.00	ng	0.00
86) Perylene-d12	15.43	264	326805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	434741	43.04	ng	0.00
7) Phenol-d6	6.43	99	334119	26.58	ng	0.00
23) Nitrobenzene-d5	7.36	82	892287	85.29	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	159931	72.49	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1307333	88.58	ng	0.00
78) Terphenyl-d14	12.90	244	899312	73.12	ng	0.00
Target Compounds						
10) Phenol	6.46	94	30941	2.160	ng	83
19) n-Nitroso-di-n-propylamine	7.36	70	119170	14.437	ng	# 82
25) Isophorone	7.36	82	892287	42.515	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	29093	7.773	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	29093	6.899	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	10120	2.559	ng	# 1

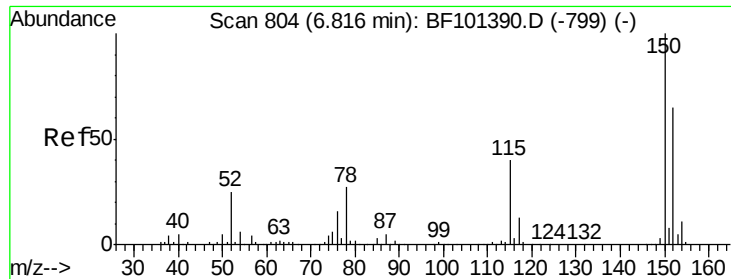
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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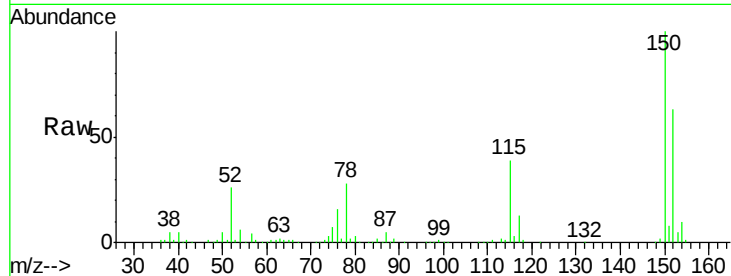




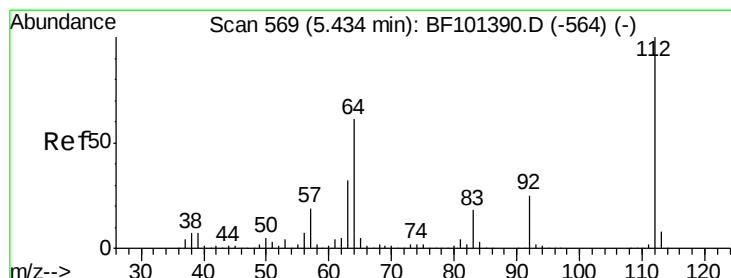
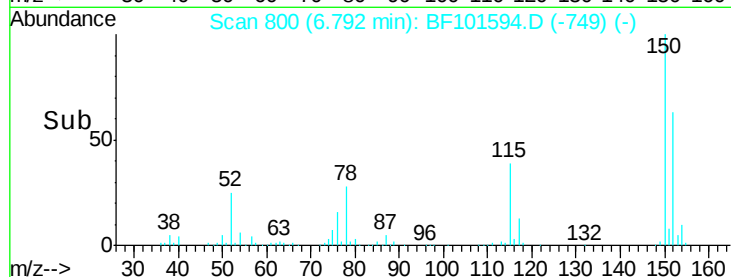
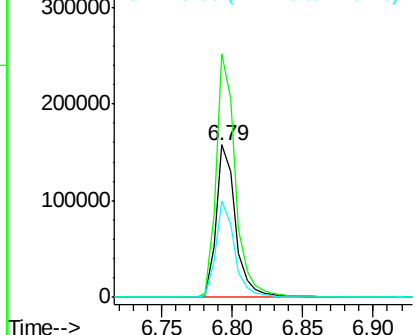
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF101594.D
 Acq: 21 Dec 2017 8:51

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

Tgt Ion:152 Resp: 150444
 Ion Ratio Lower Upper
 152 100
 150 159.8 124.6 186.8
 115 63.0 50.1 75.1

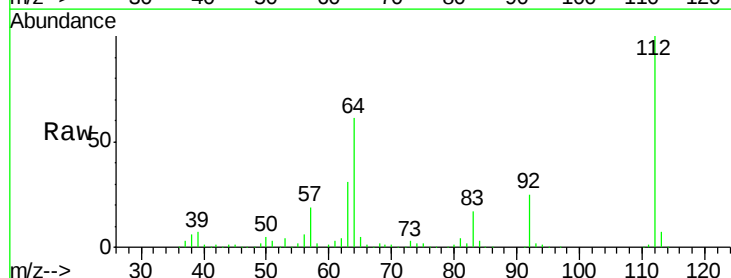


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

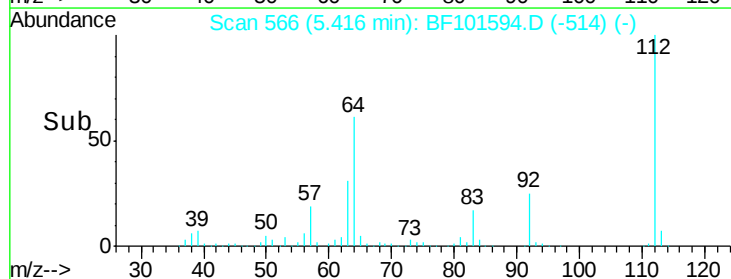
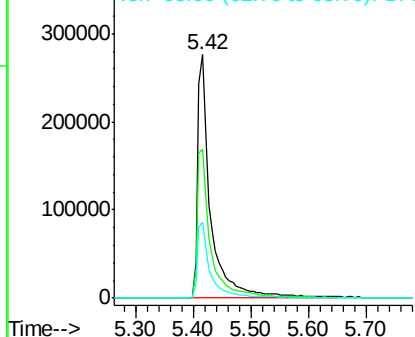


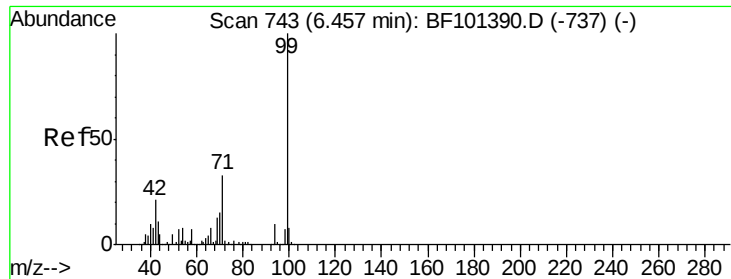
#5
 2-Fluorophenol
 Concen: 43.045 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101594.D
 Acq: 21 Dec 2017 8:51

Tgt Ion:112 Resp: 434741
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.9 71.9
 63 31.2 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: 26.582 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101594.D

Acq: 21 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-B

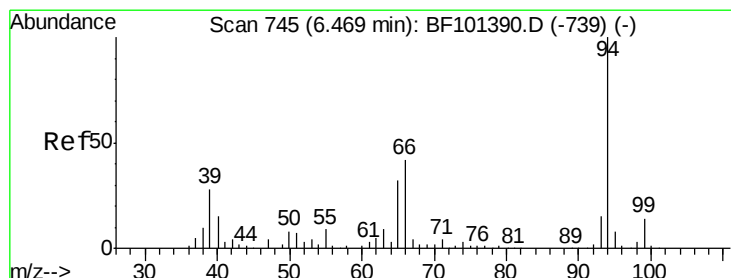
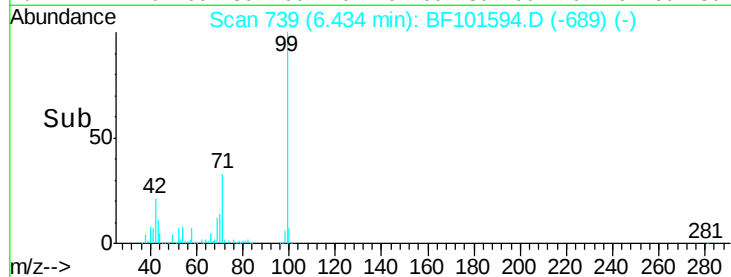
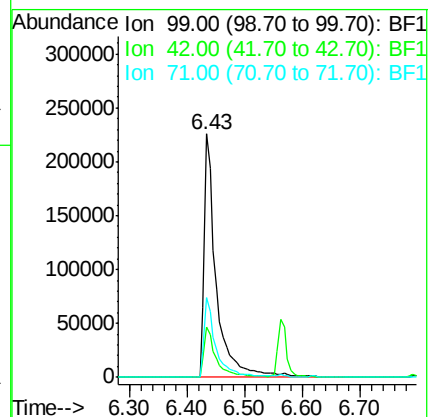
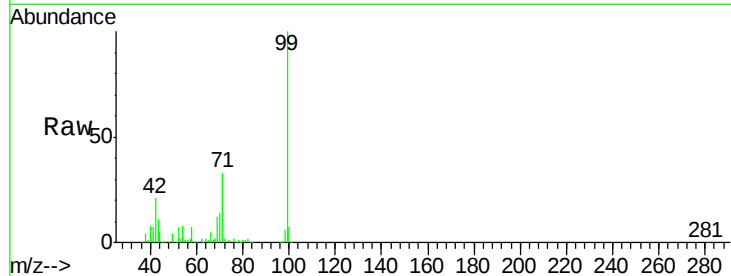
Tgt Ion: 99 Resp: 334119

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 33.0 25.4 38.0



#10

Phenol

Concen: 2.160 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101594.D

Acq: 21 Dec 2017 8:51

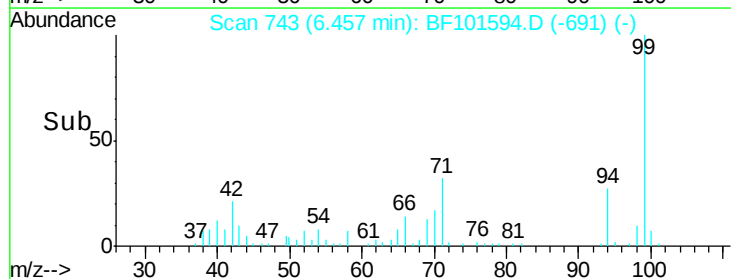
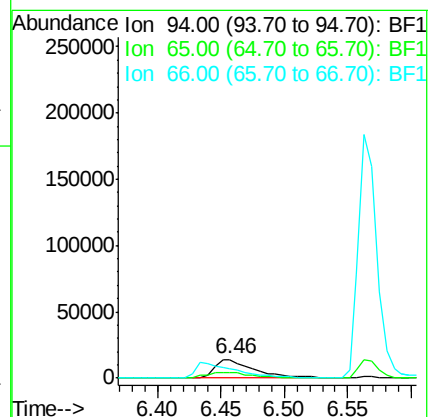
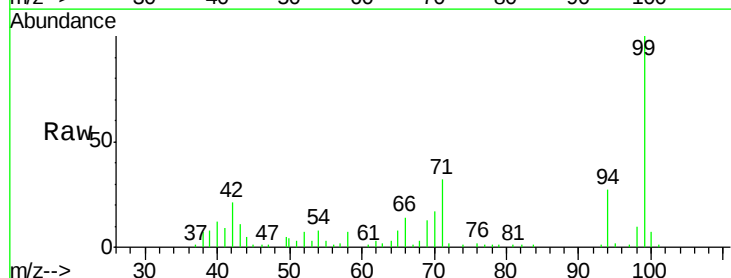
Tgt Ion: 94 Resp: 30941

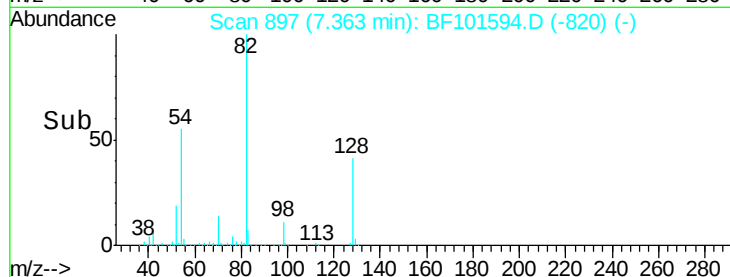
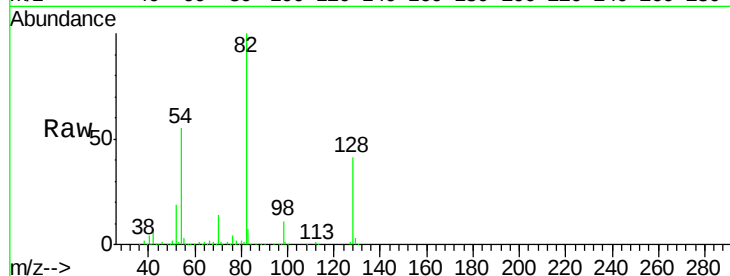
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 52.9 16.2 56.2

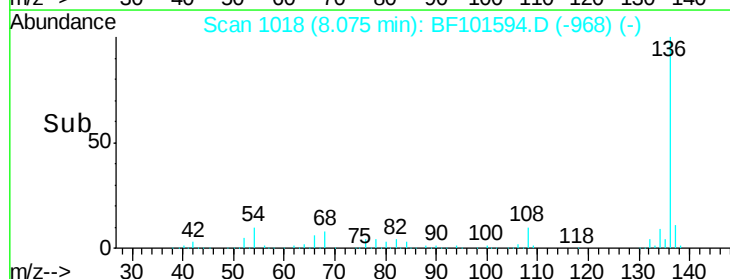
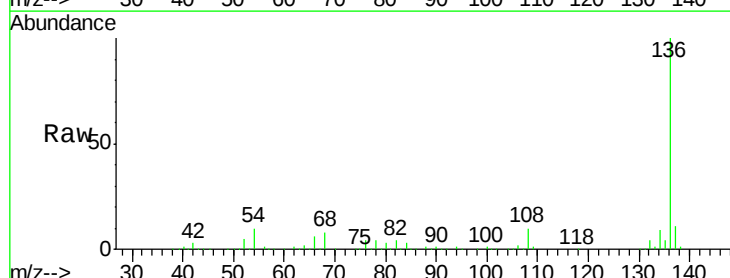
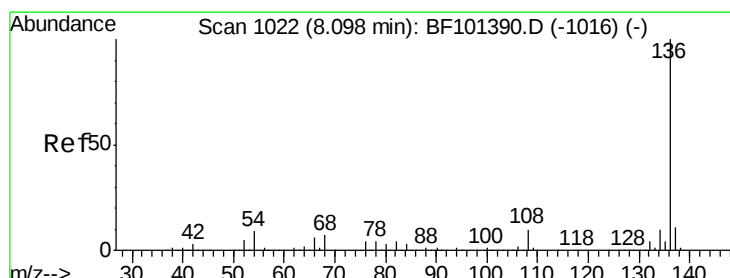
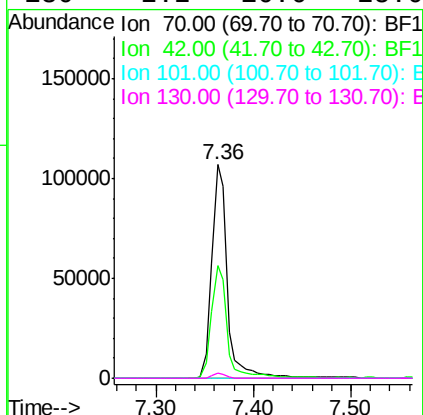




#19
n-Nitroso-di-n-propylamine
Concen: 14.437 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF101594.D
Acq: 21 Dec 2017 8:51

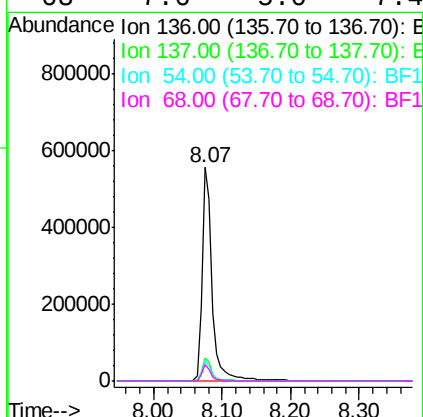
Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-B

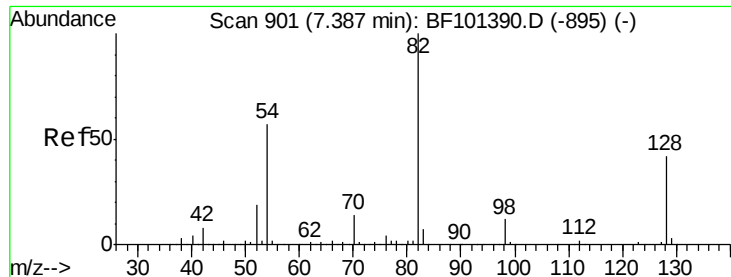
Tgt Ion: 70 Resp: 119170
Ion Ratio Lower Upper
70 100
42 52.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101594.D
Acq: 21 Dec 2017 8:51

Tgt Ion: 136 Resp: 582377
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.8 6.6 9.8
68 7.6 5.0 7.4#

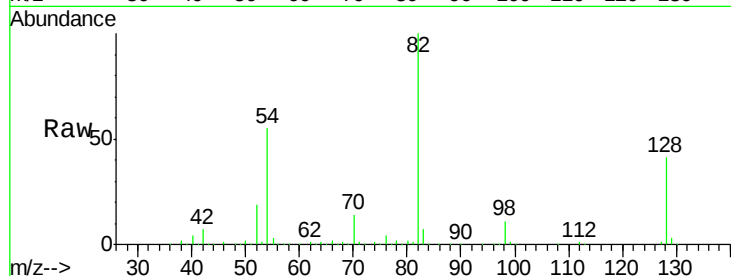




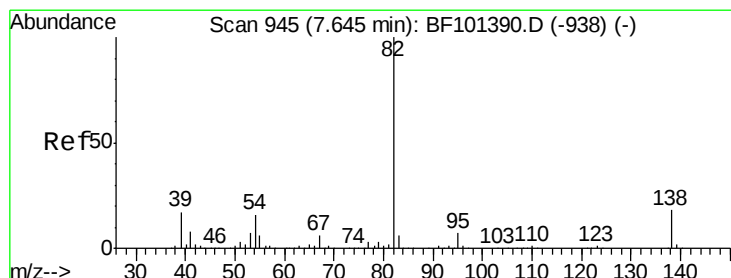
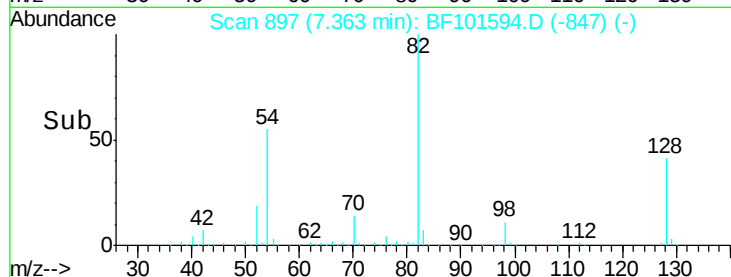
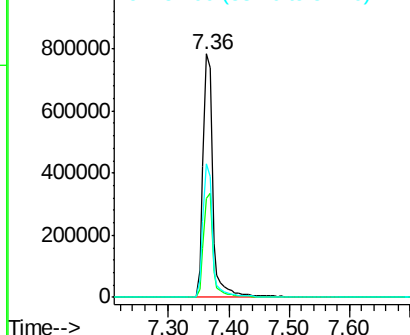
#23
Nitrobenzene-d5
Concen: 85.288 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101594.D
Acq: 21 Dec 2017 8:51

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	54.9	41.4	62.2

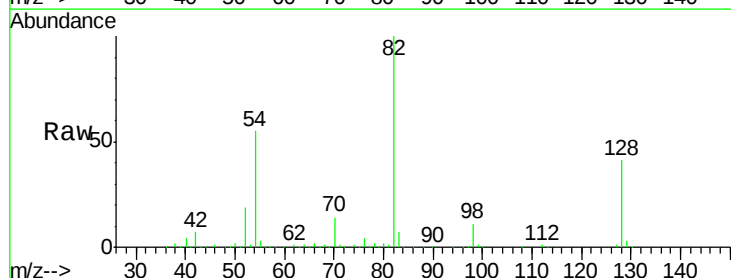


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

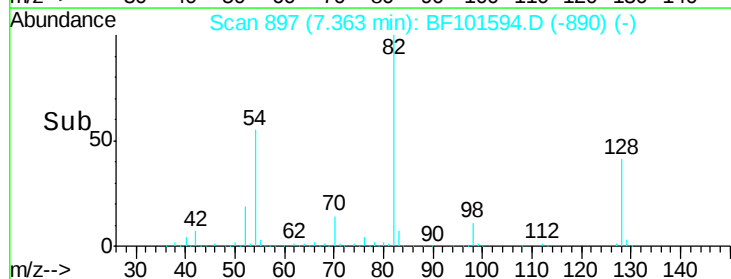
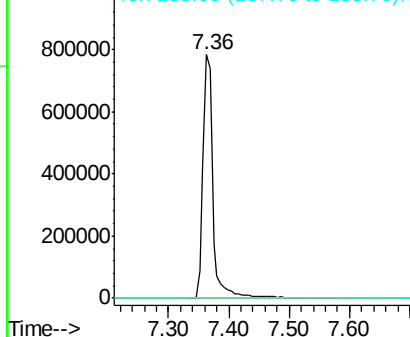


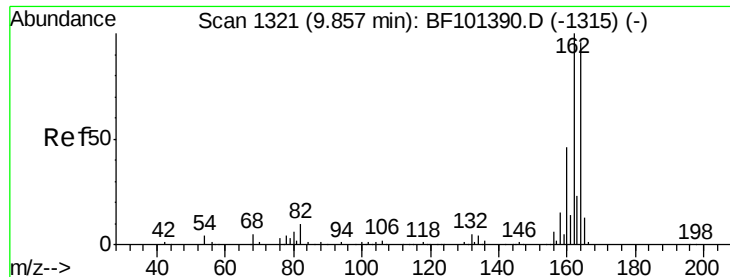
#25
Isophorone
Concen: 42.515 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF101594.D
Acq: 21 Dec 2017 8:51

Tgt Ion	Ratio	Lower	Upper
82	100		
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: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101594.D

Acq: 21 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-B

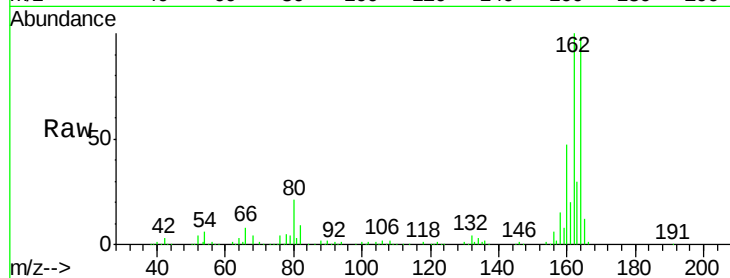
Tgt Ion:164 Resp: 228950

Ion Ratio Lower Upper

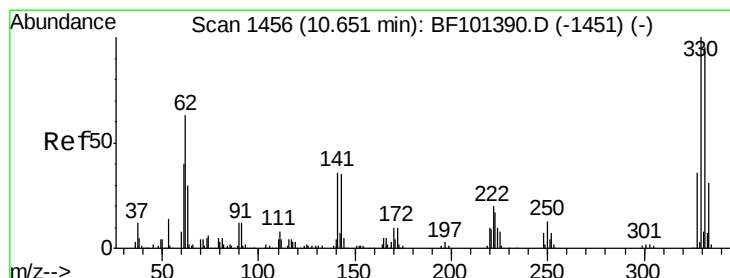
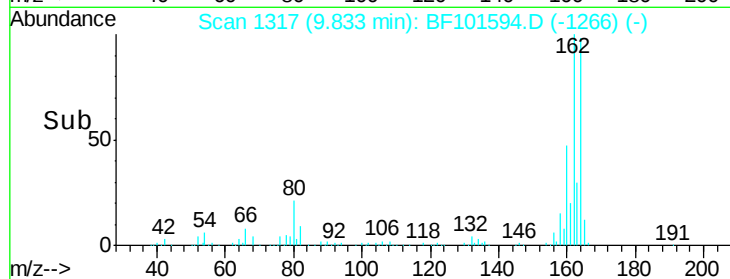
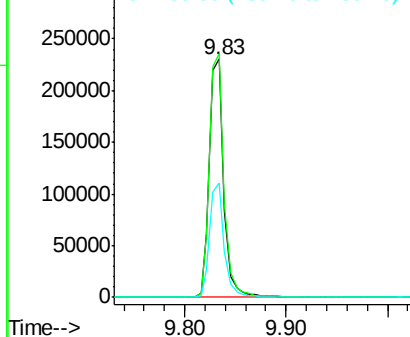
164 100

162 102.3 86.1 129.1

160 48.1 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: 72.494 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101594.D

Acq: 21 Dec 2017 8:51

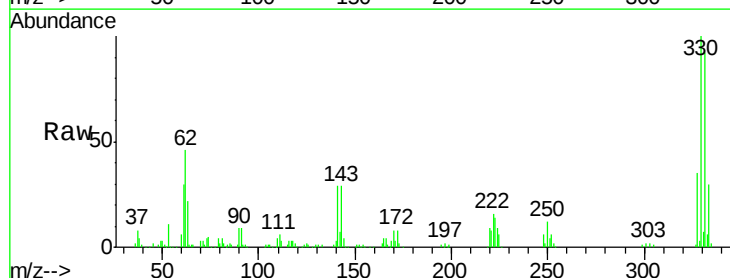
Tgt Ion:330 Resp: 159931

Ion Ratio Lower Upper

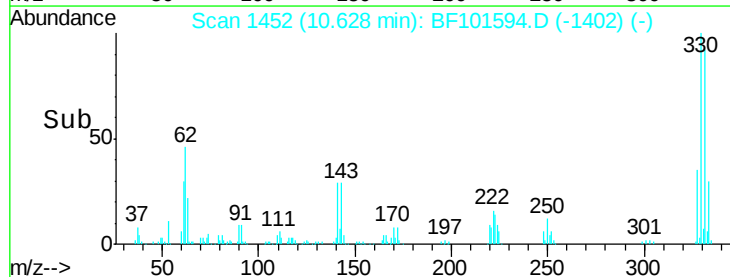
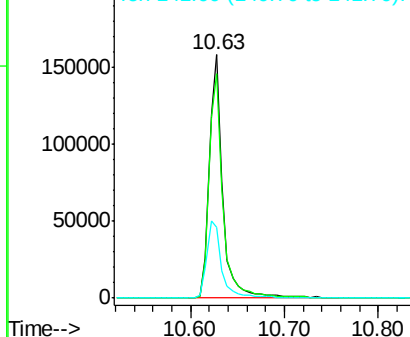
330 100

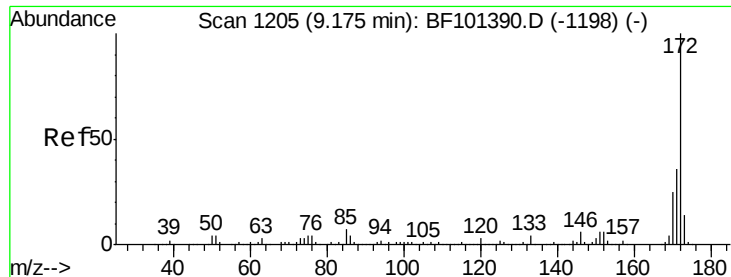
332 95.4 77.0 115.6

141 35.3 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

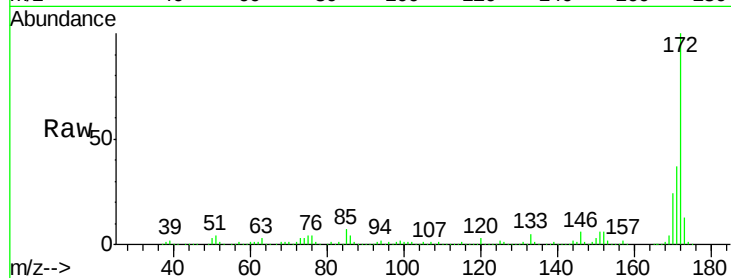




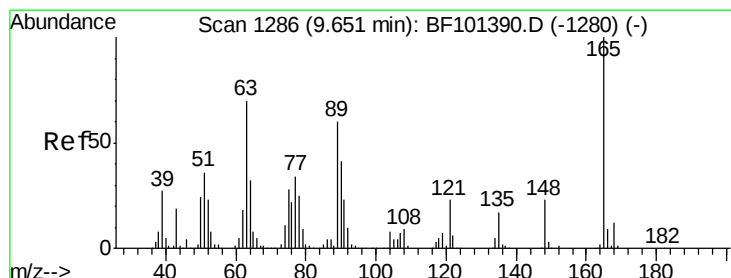
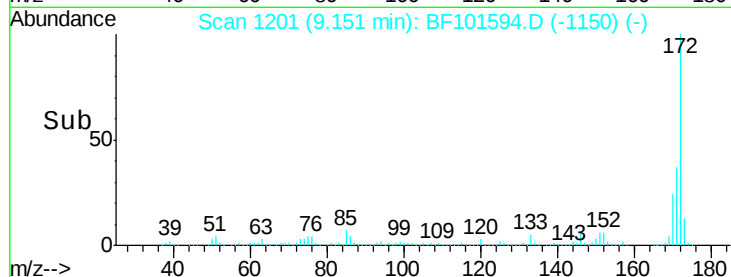
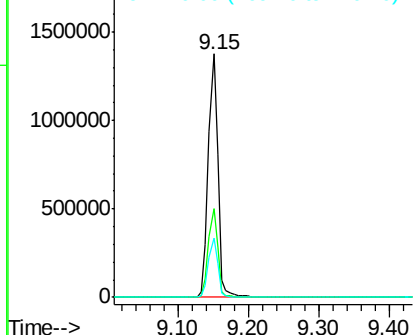
#44
 2-Fluorobiphenyl
 Concen: 88.578 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101594.D
 Acq: 21 Dec 2017 8:51

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

Tgt Ion:172 Resp: 1307333
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.5 19.6 29.4

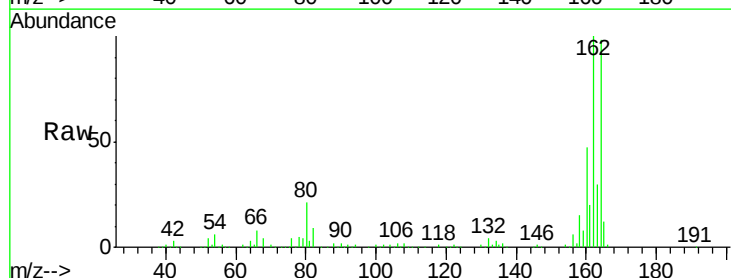


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

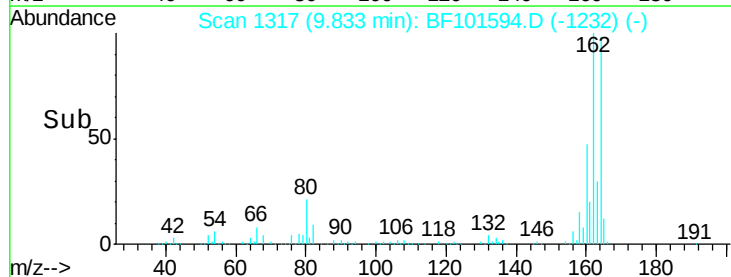
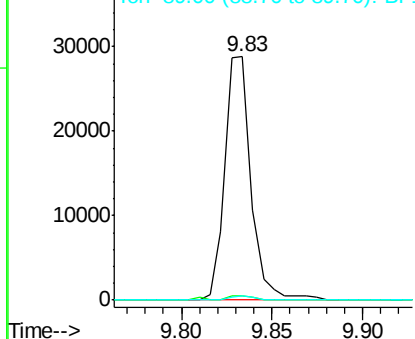


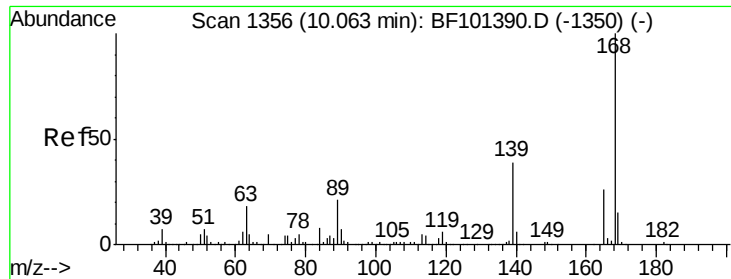
#50
 2,6-Dinitrotoluene
 Concen: 7.773 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101594.D
 Acq: 21 Dec 2017 8:51

Tgt Ion:165 Resp: 29093
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.7 67.1#
 89 1.7 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

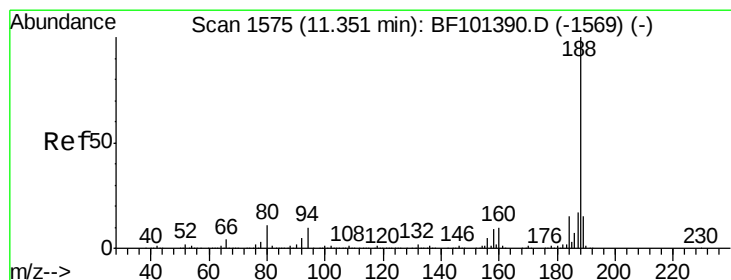
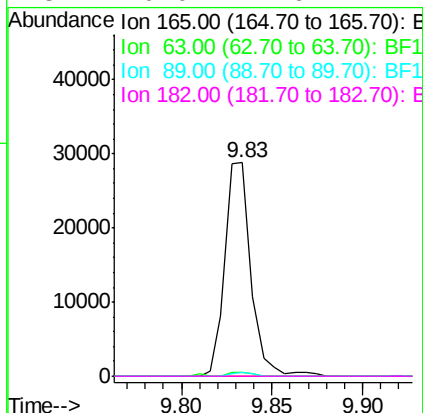
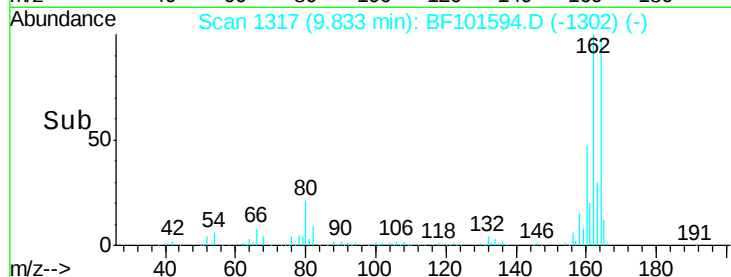
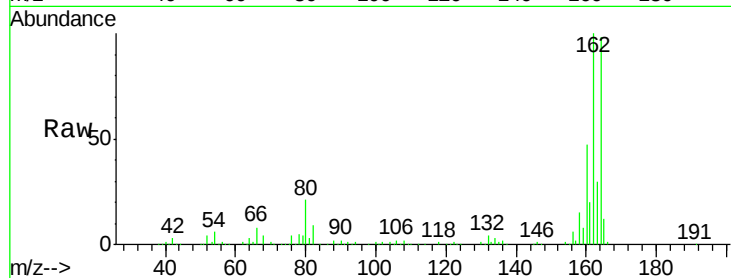




#56
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101594.D
Acq: 21 Dec 2017 8:51

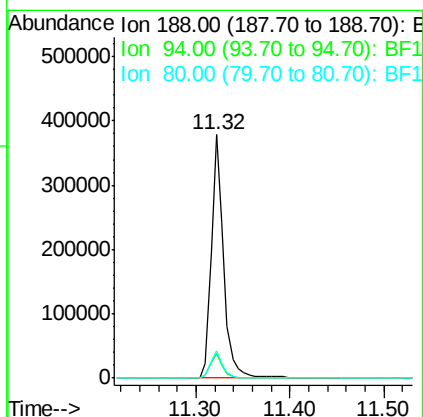
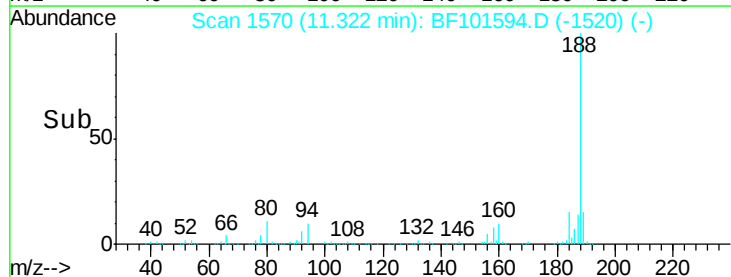
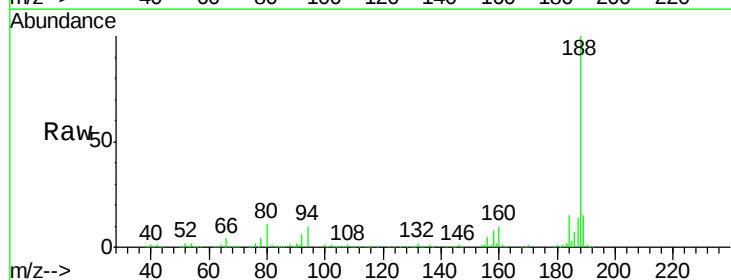
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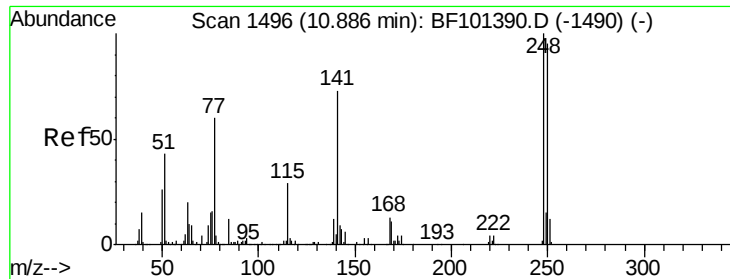
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101594.D
Acq: 21 Dec 2017 8:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8

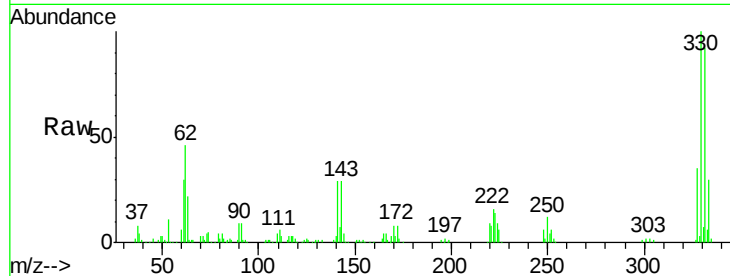




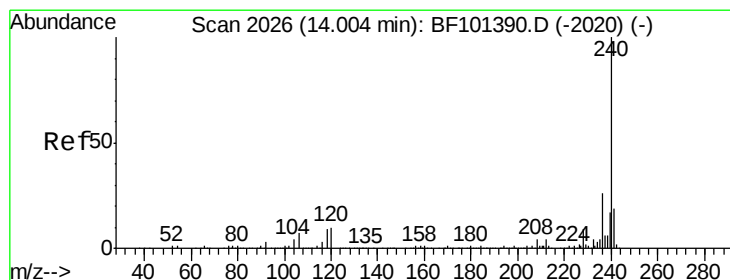
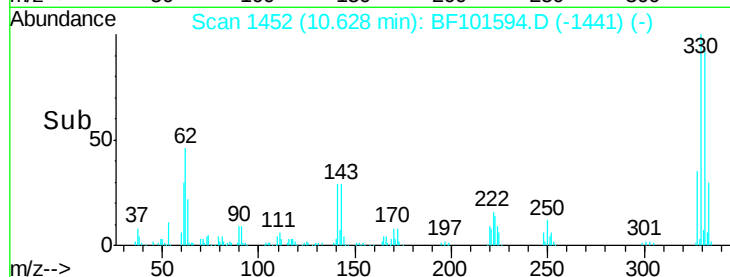
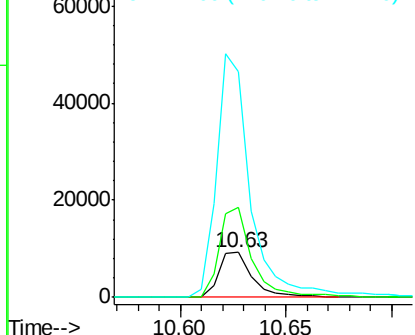
#66
4-Bromophenyl-phenylether
Concen: 2.559 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101594.D
Acq: 21 Dec 2017 8:51

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

Tgt Ion:248 Resp: 10120
Ion Ratio Lower Upper
248 100
250 201.0 76.9 115.3#
141 502.0 74.4 111.6#

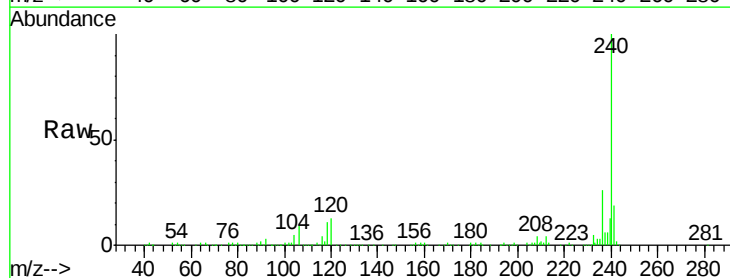


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

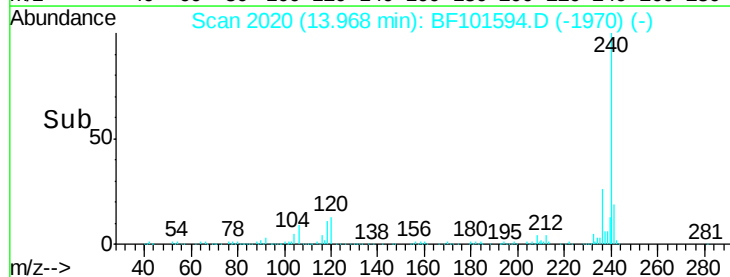
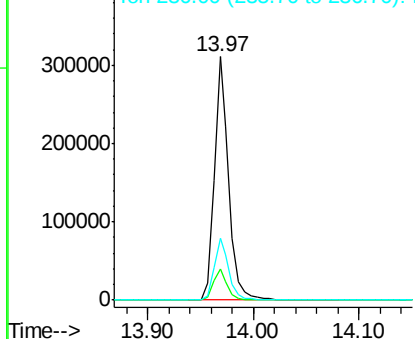


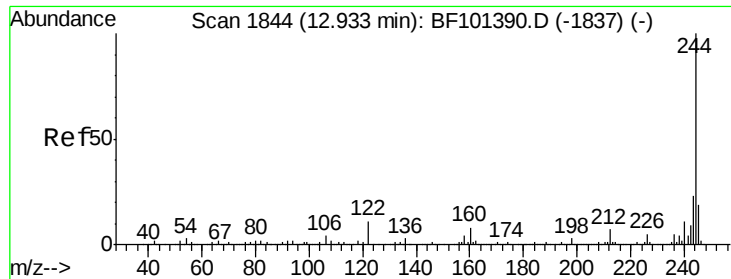
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101594.D
Acq: 21 Dec 2017 8:51

Tgt Ion:240 Resp: 296505
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.6 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: 73.120 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101594.D

Acq: 21 Dec 2017 8:51

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-B

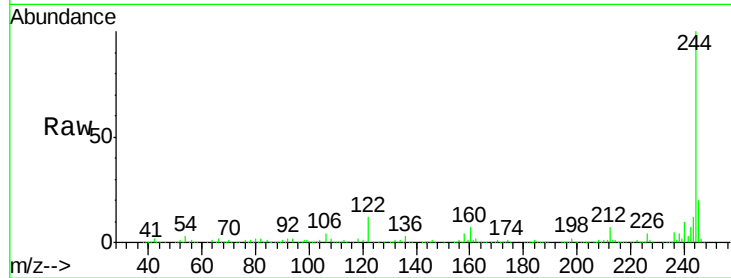
Tgt Ion:244 Resp: 899312

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

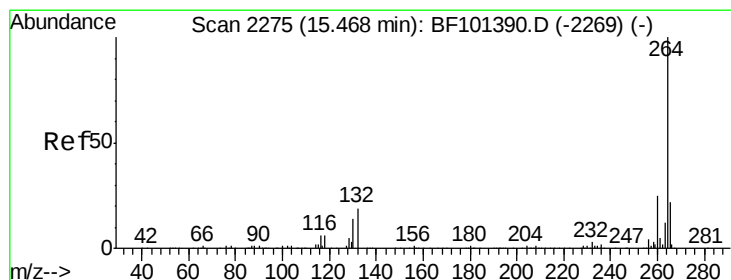
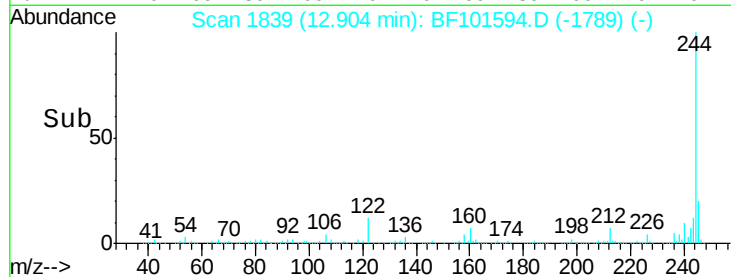
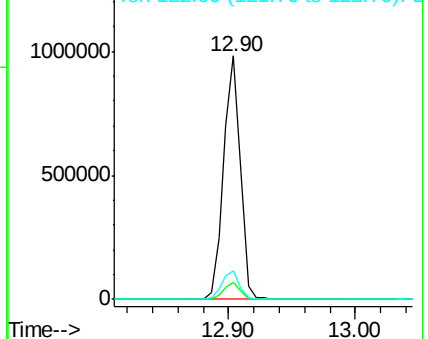
122 11.6 11.0 16.4



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: BF101594.D

Acq: 21 Dec 2017 8:51

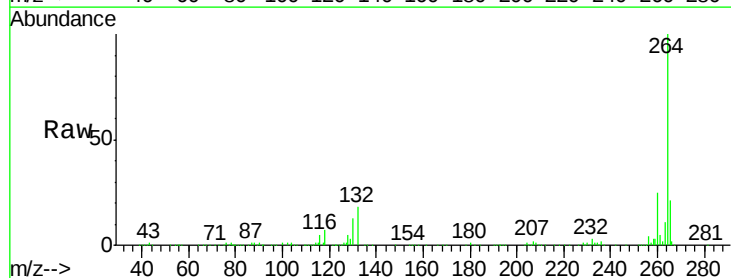
Tgt Ion:264 Resp: 326805

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.2 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

