

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091987.D
 Acq On : 28 Dec 2016 2:13
 Operator : UM/SJ
 Sample : H6236-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-D-M

Quant Time: Dec 28 06:08:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

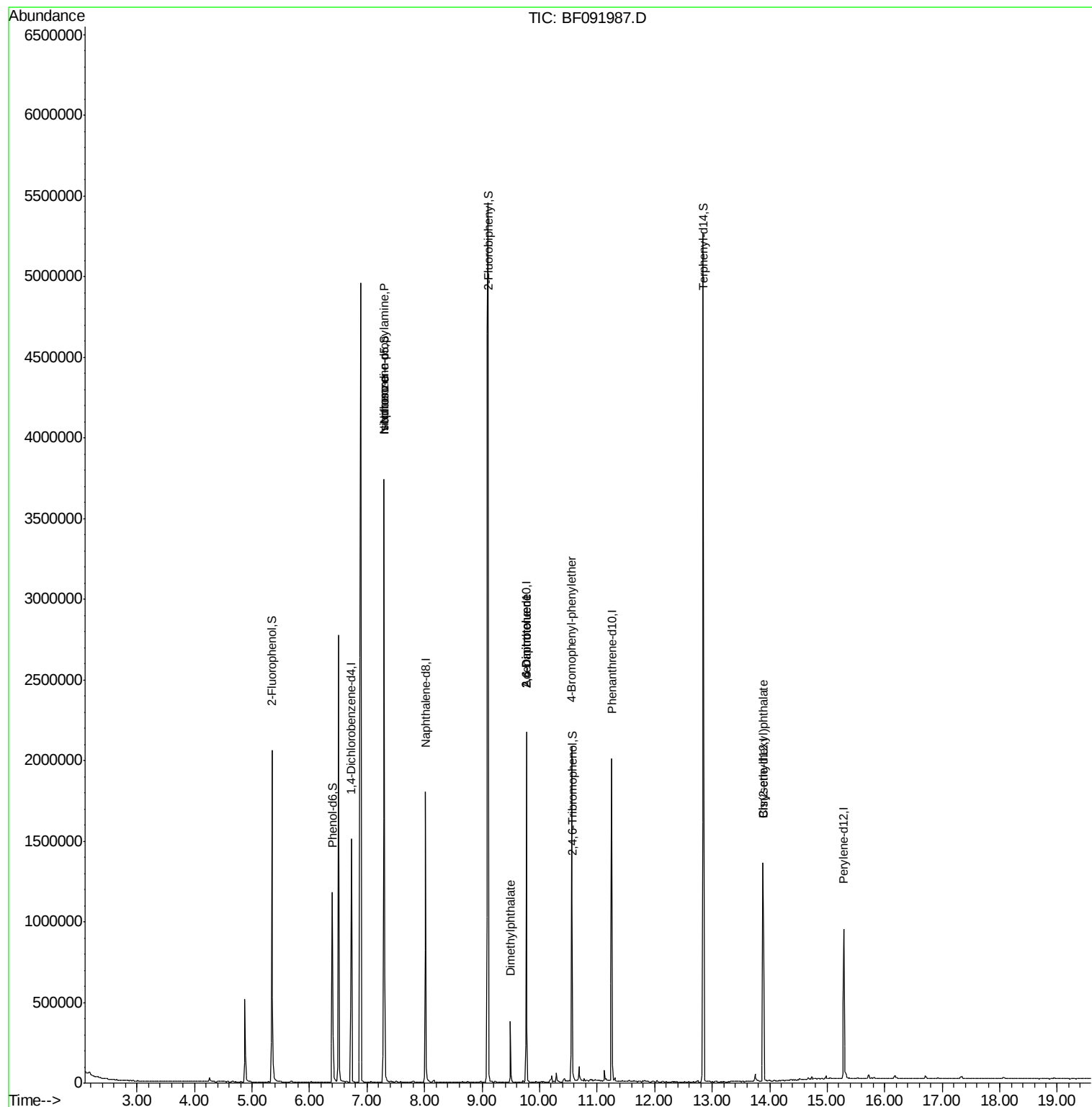
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	238748	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	971358	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	444416	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	749846	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	529154	20.00	ng	-0.02
86) Perylene-d12	15.29	264	425984	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	623856	43.63	ng	0.00
7) Phenol-d6	6.40	99	469555	26.90	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1527147	87.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	307312	83.56	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2616117	126.98	ng	-0.01
78) Terphenyl-d14	12.84	244	2096870	96.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	200812	17.29	ng	# 77
25) Isophorone	7.30	82	1084722	33.66	ng	# 65
49) Dimethylphthalate	9.49	163	152561	5.37	ng	99
50) 2,6-Dinitrotoluene	9.77	165	58561	9.41	ng	# 30
56) 2,4-Dinitrotoluene	9.77	165	58563	7.50	ng	# 19
66) 4-Bromophenyl-phenylether	10.56	248	18155	2.33	ng	# 1
71) Anthracene	11.28	178	1016	Below Cal		# 59
73) Di-n-butylphthalate	11.82	149	5258	Below Cal		98
74) Fluoranthene	12.47	202	243	Below Cal		61
83) Bis(2-ethylhexyl)phthalate	13.88	149	64772	3.11	ng	99

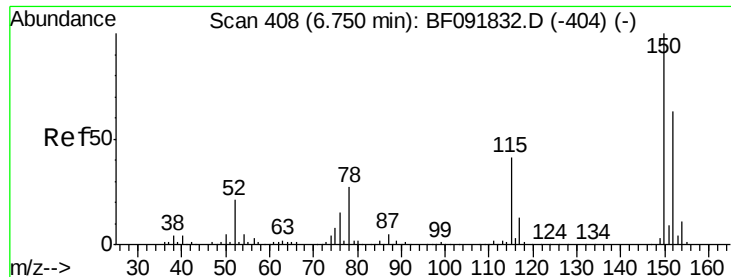
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-D-M

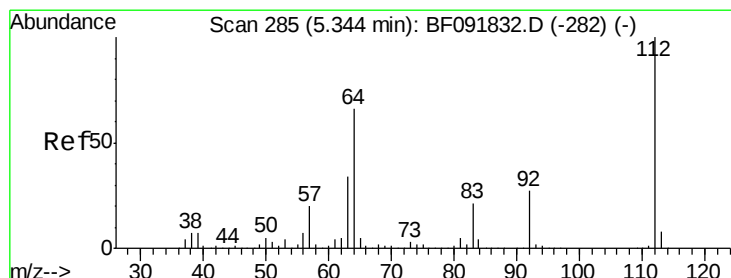
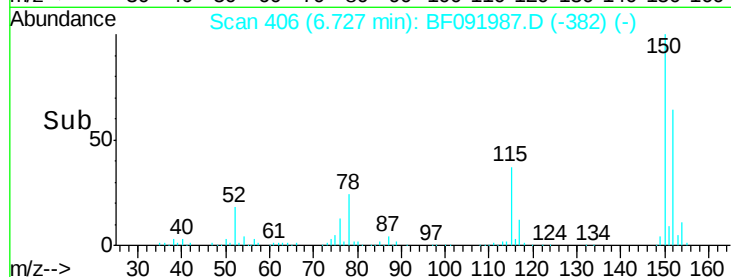
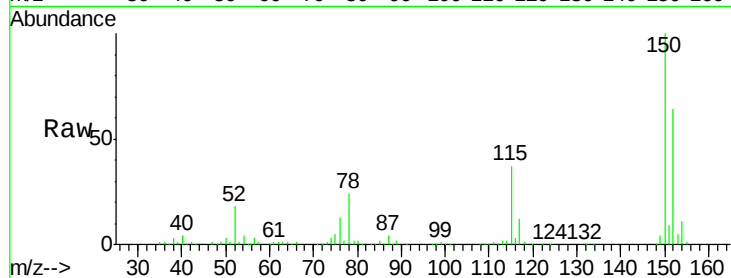
Tgt Ion:152 Resp: 238748

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

115 58.4 46.0 69.0



#5

2-Fluorophenol

Concen: 43.63 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

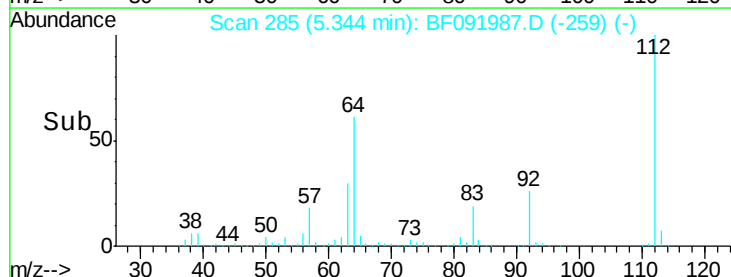
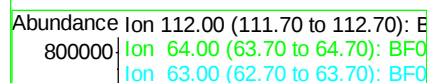
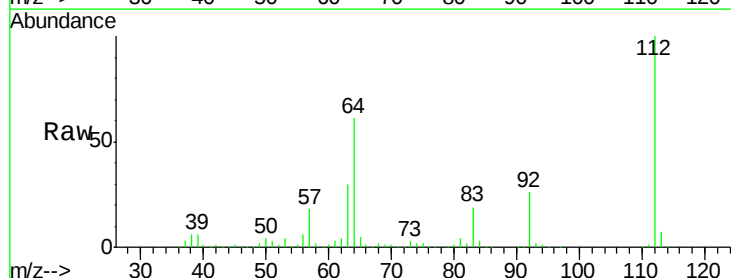
Tgt Ion:112 Resp: 623856

Ion Ratio Lower Upper

112 100

64 60.8 46.1 69.1

63 29.8 23.8 35.6





#7

Phenol-d6

Concen: 26.90 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-D-M

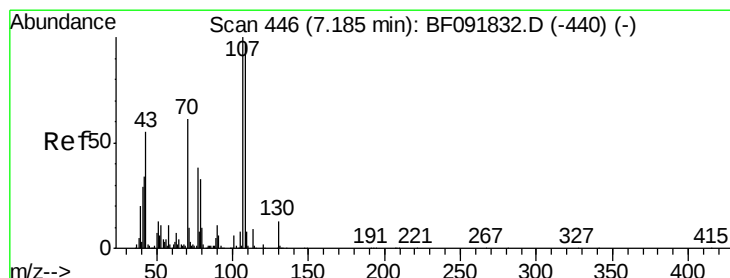
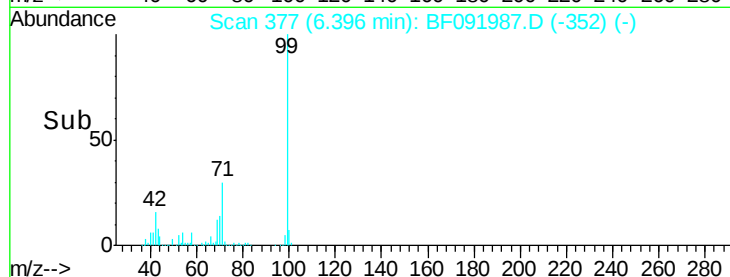
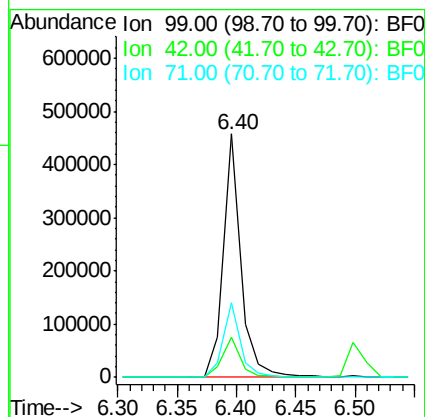
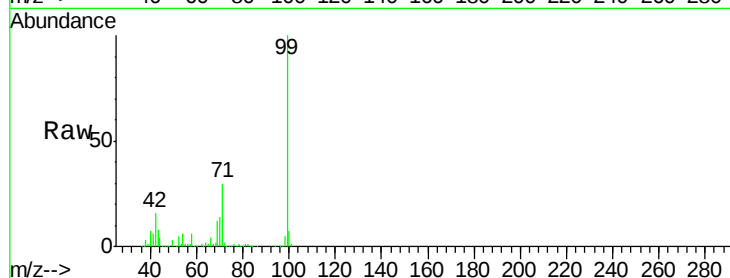
Tgt Ion: 99 Resp: 469555

Ion Ratio Lower Upper

99 100

42 16.3 15.6 23.4

71 30.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.29 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Tgt Ion: 70 Resp: 200812

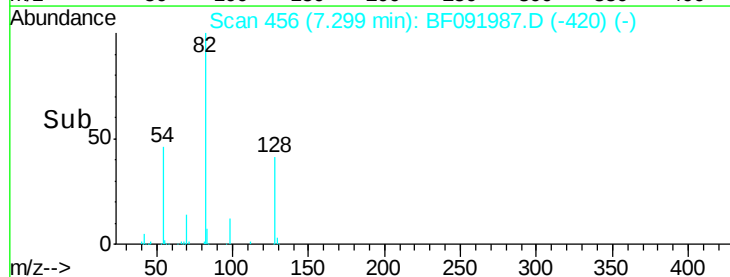
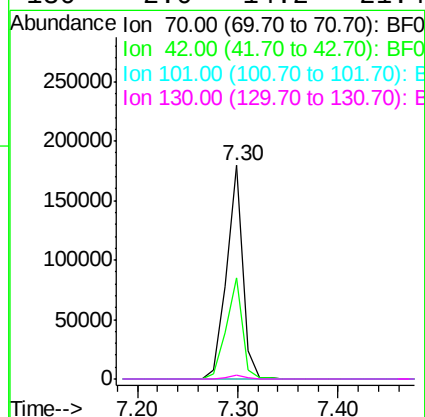
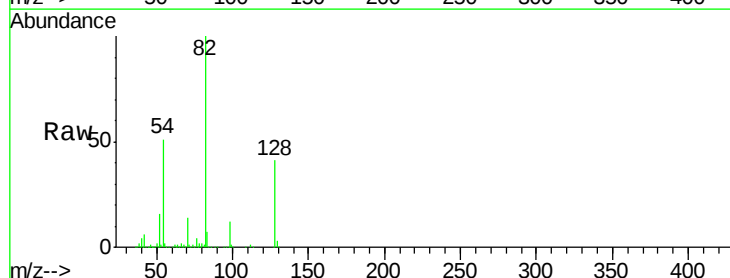
Ion Ratio Lower Upper

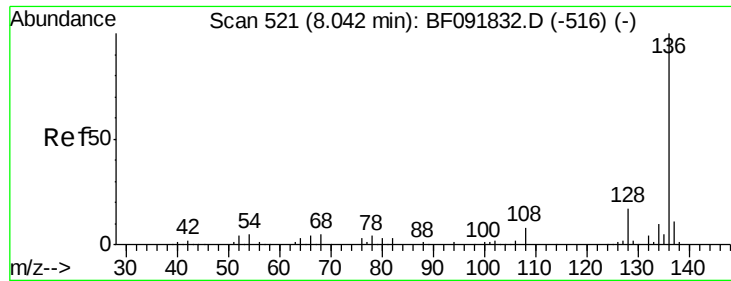
70 100

42 47.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

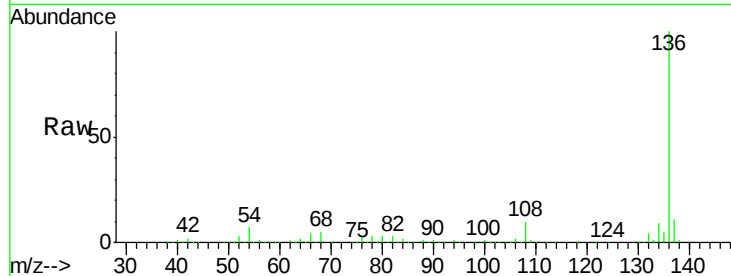




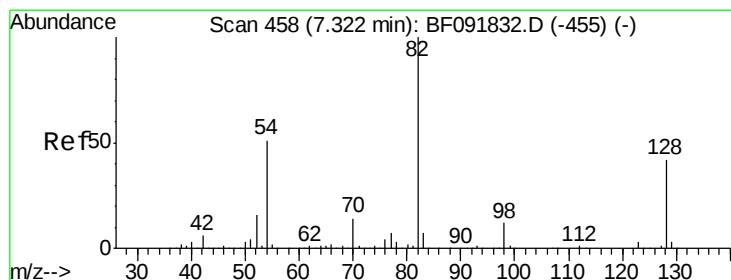
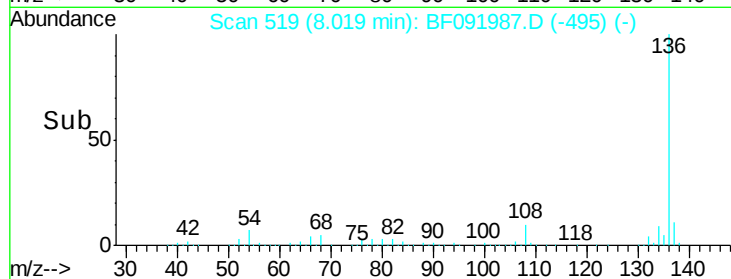
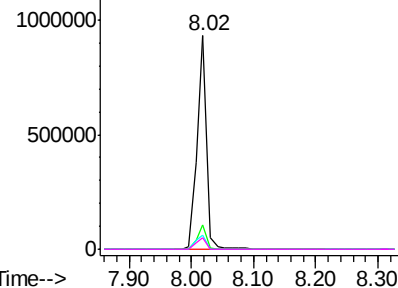
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091987.D
Acq: 28 Dec 2016 2:13

Instrument :
BNA_F
ClientSampleId :
122216-DSDC-E-D-M

Tgt Ion: 136 Resp: 971358
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.8 4.5 6.7#
68 5.2 3.6 5.4

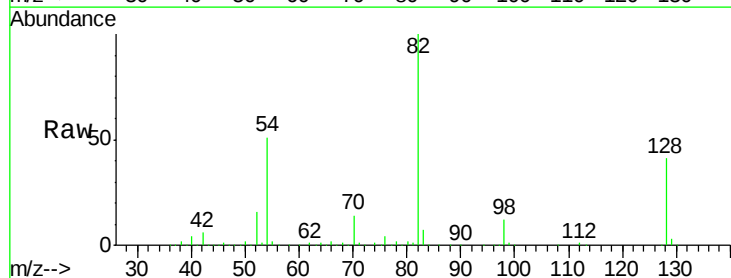


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

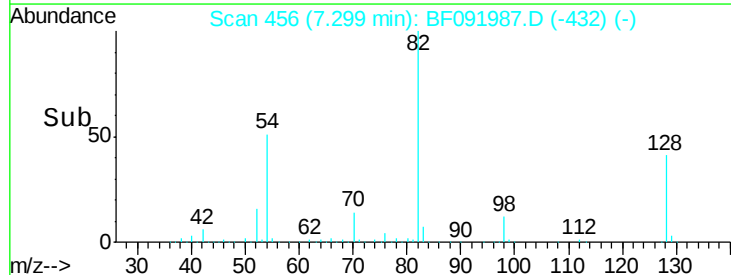
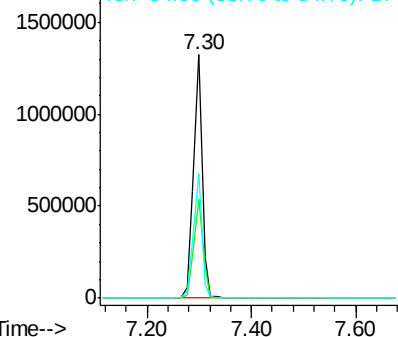


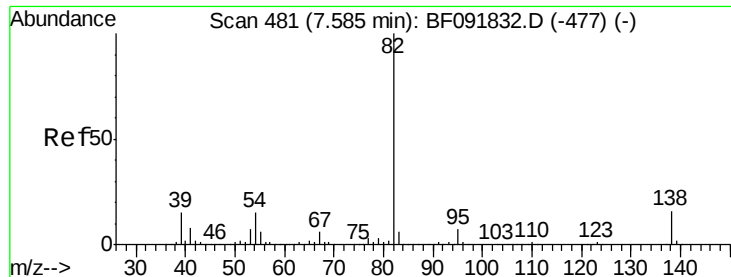
#23
Nitrobenzene-d5
Concen: 87.42 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091987.D
Acq: 28 Dec 2016 2:13

Tgt Ion: 82 Resp: 1527147
Ion Ratio Lower Upper
82 100
128 40.6 34.6 52.0
54 50.9 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.66 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-D-M

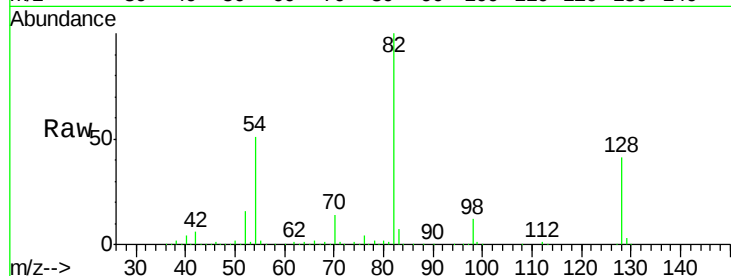
Tgt Ion: 82 Resp: 1084722

Ion Ratio Lower Upper

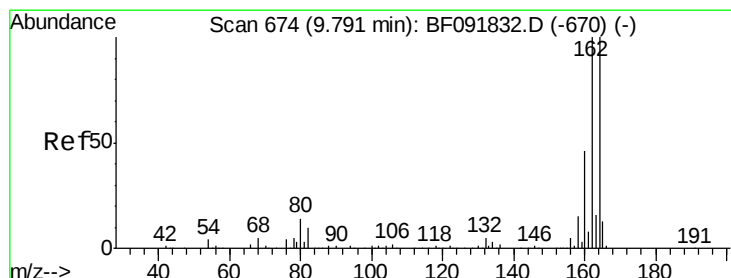
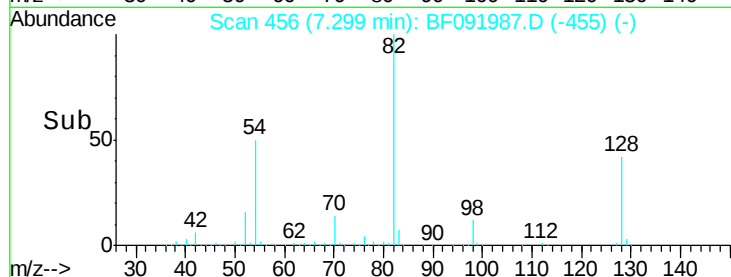
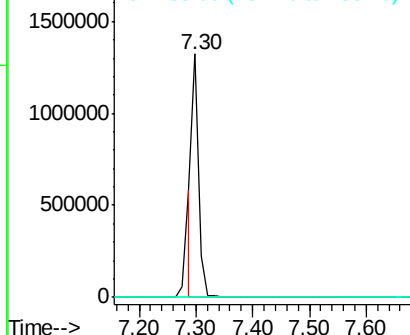
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

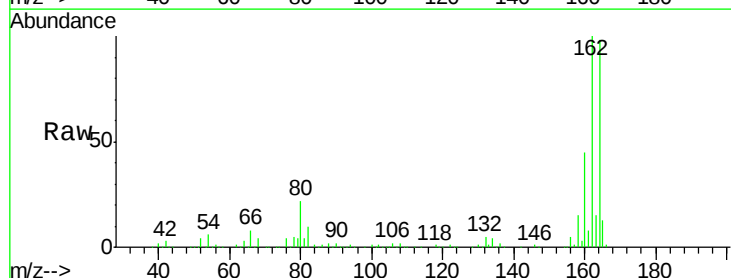
Tgt Ion: 164 Resp: 444416

Ion Ratio Lower Upper

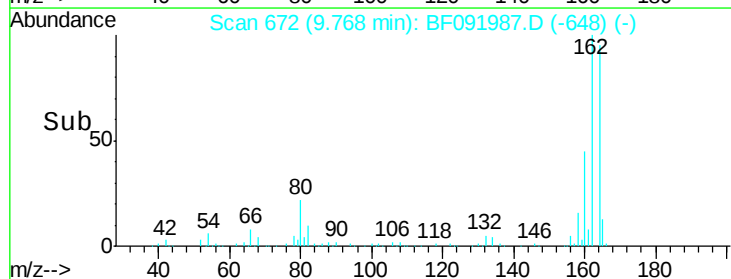
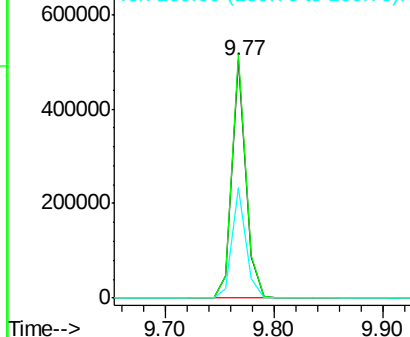
164 100

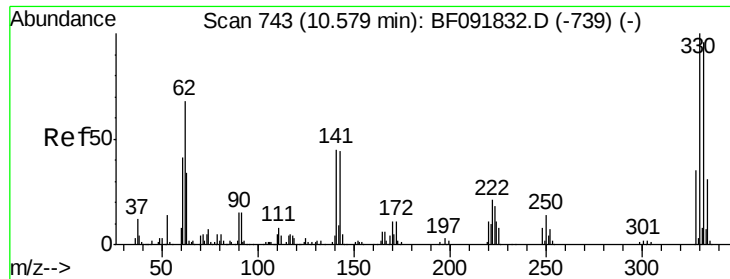
162 102.2 80.2 120.2

160 46.3 36.9 55.3



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

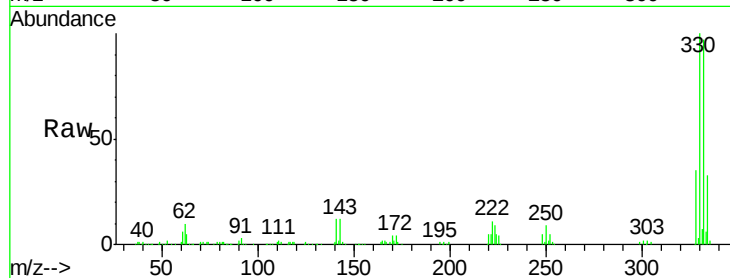




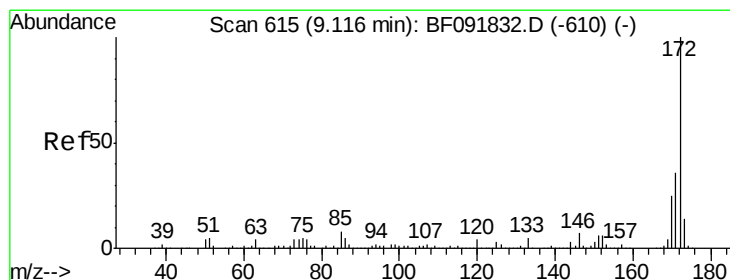
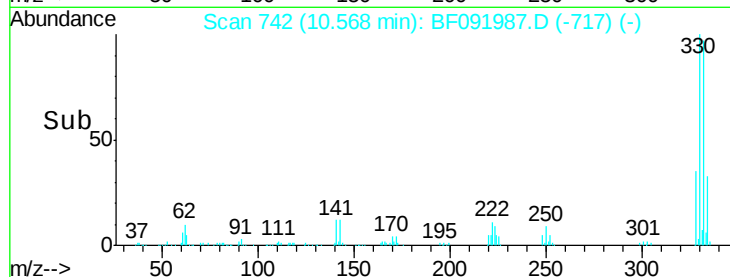
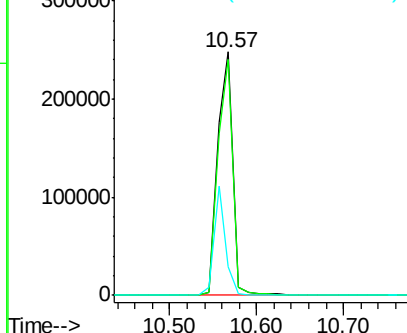
#41
 2,4,6-Tribromophenol
 Concen: 83.56 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-D-M

Tgt Ion:330 Resp: 307312
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 34.3 34.1 51.1

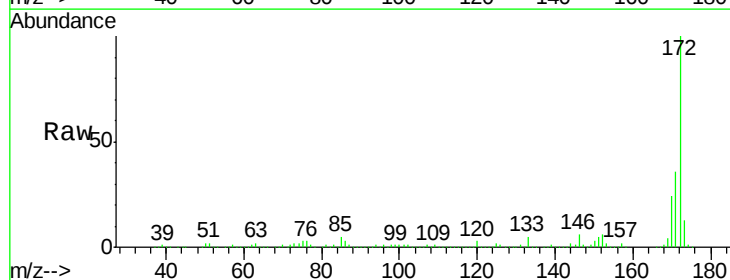


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

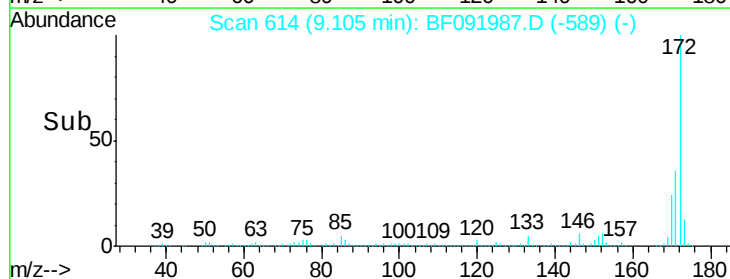
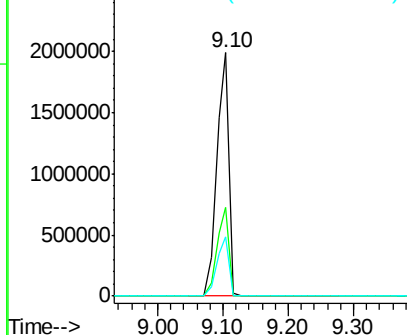


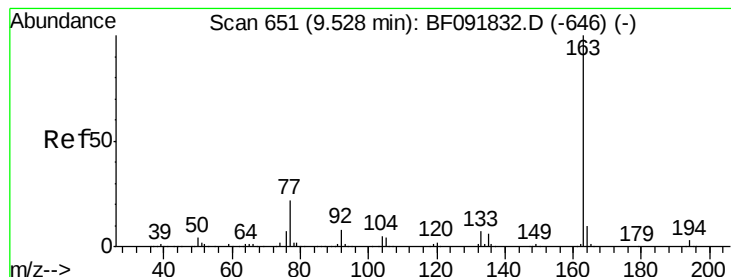
#44
 2-Fluorobiphenyl
 Concen: 126.98 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Tgt Ion:172 Resp: 2616117
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.4 20.2 30.4



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: 5.37 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Instrument :

BNA_F

ClientSampleId :

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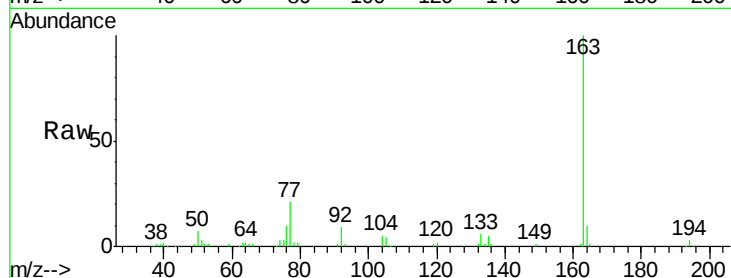
Tgt Ion:163 Resp: 152561

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

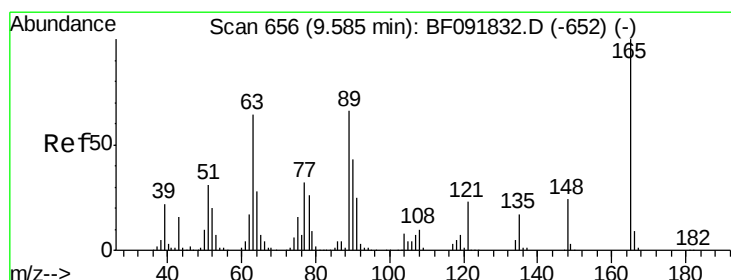
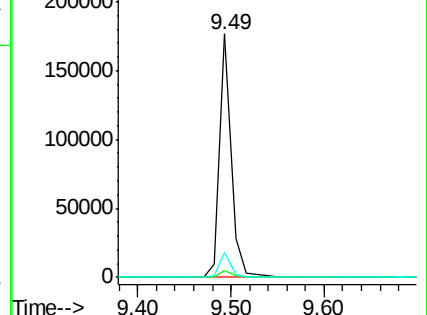
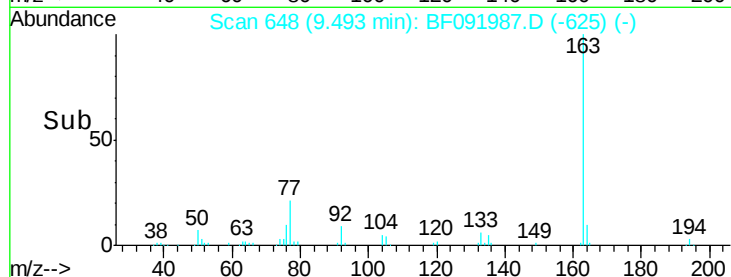
164 10.4 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 9.41 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.18 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

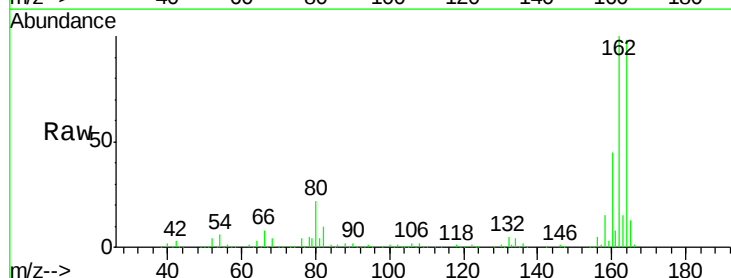
Tgt Ion:165 Resp: 58561

Ion Ratio Lower Upper

165 100

63 1.0 36.2 54.4#

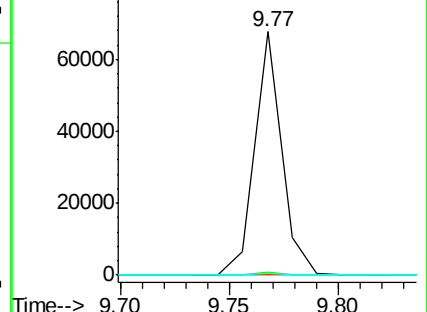
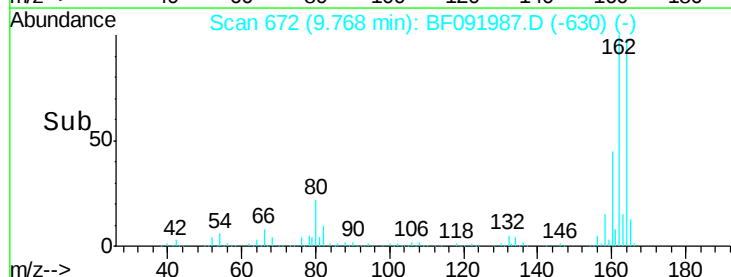
89 0.9 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

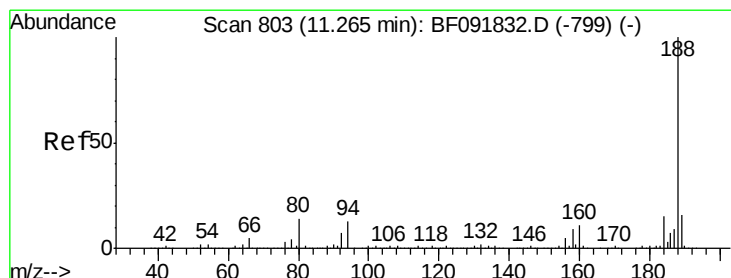
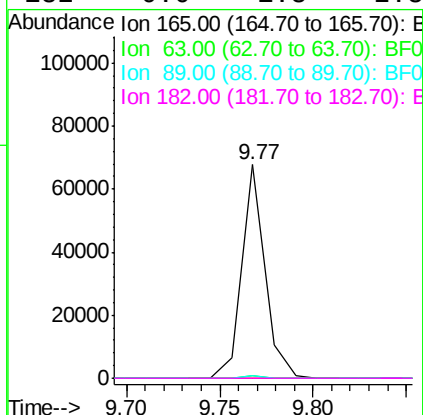
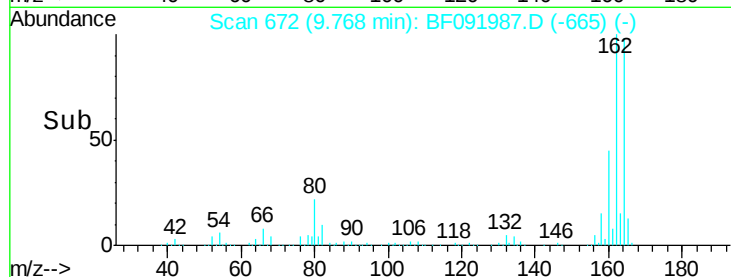
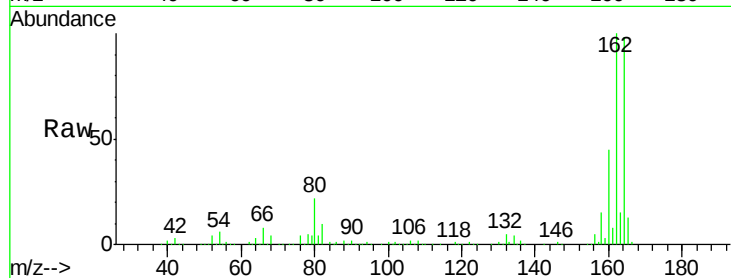




#56
 2,4-Dinitrotoluene
 Concen: 7.50 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.22 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

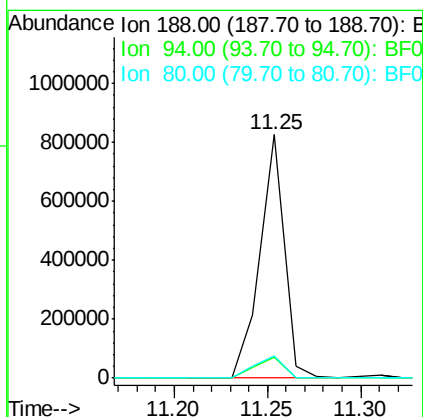
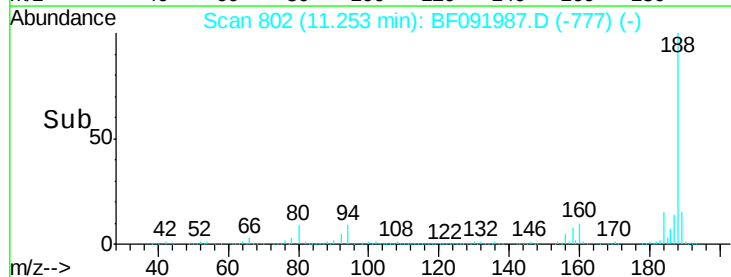
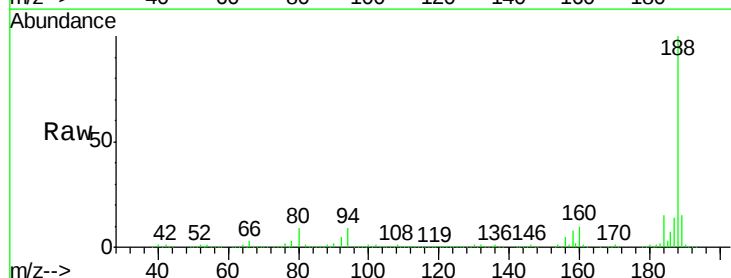
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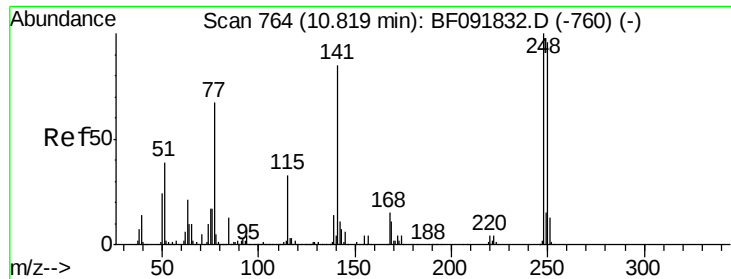
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	10.0	15.0#
80	9.0	11.2	16.8#

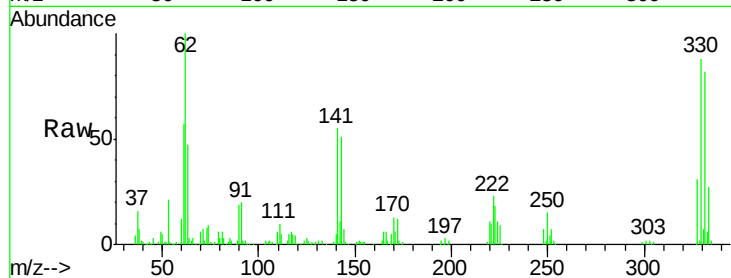




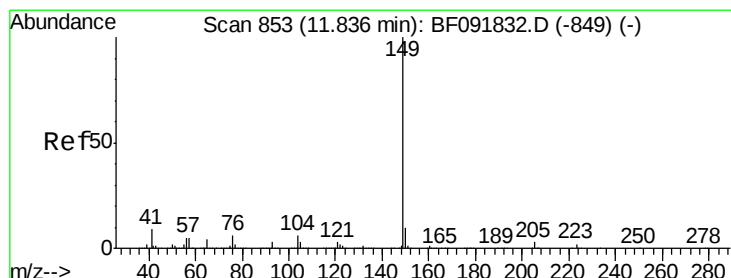
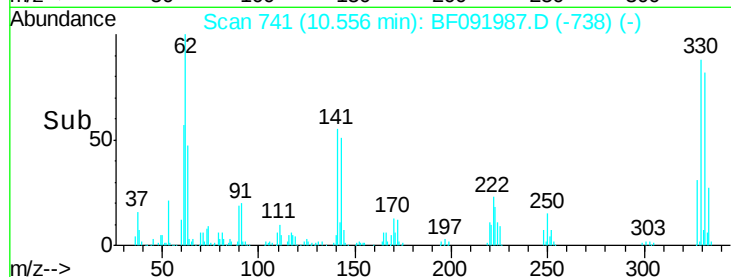
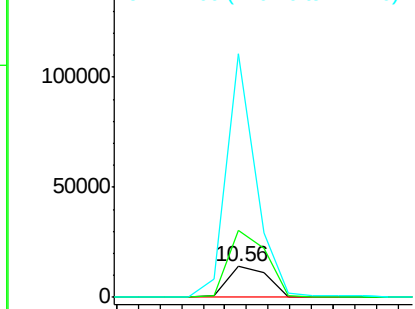
#66
 4-Bromophenyl-phenylether
 Concen: 2.33 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.26 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-D-M

Tgt Ion:248 Resp: 18155
 Ion Ratio Lower Upper
 248 100
 250 216.1 76.9 115.3#
 141 789.0 68.2 102.4#

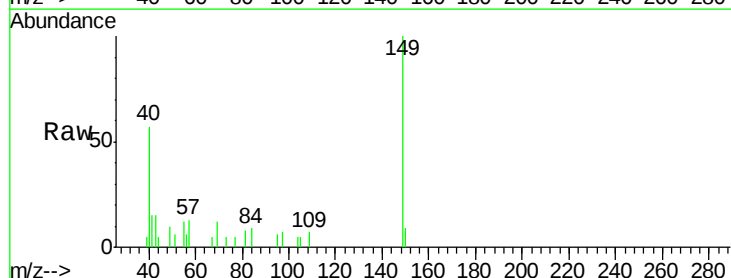


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

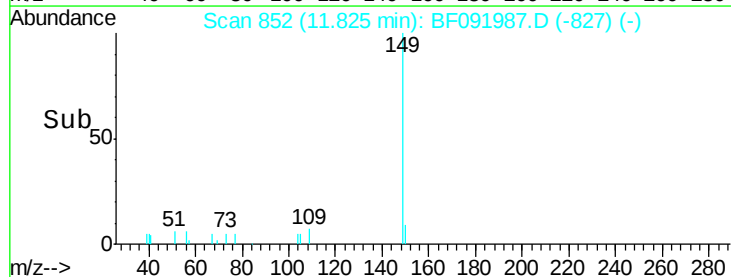
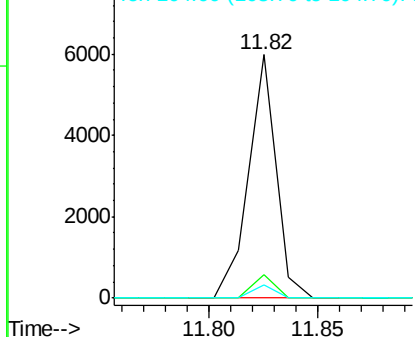


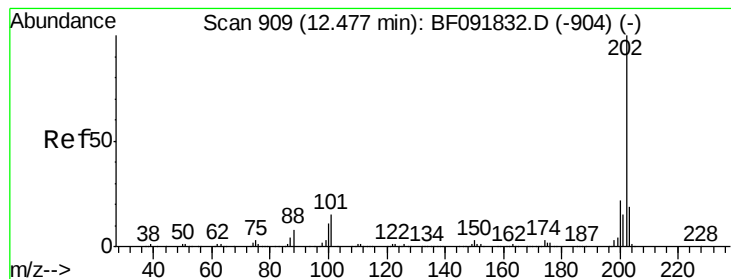
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.82 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Tgt Ion:149 Resp: 5258
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.1 12.1
 104 5.3 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

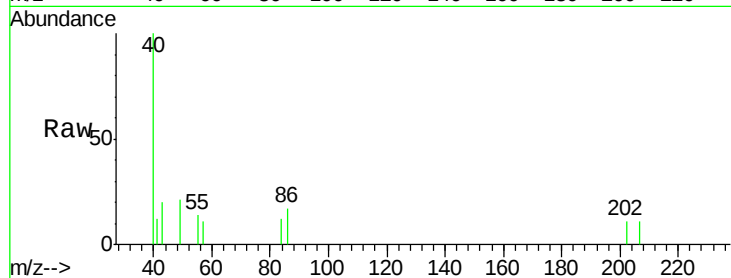
Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-D-M

Tgt Ion:	202	Resp:	243
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7



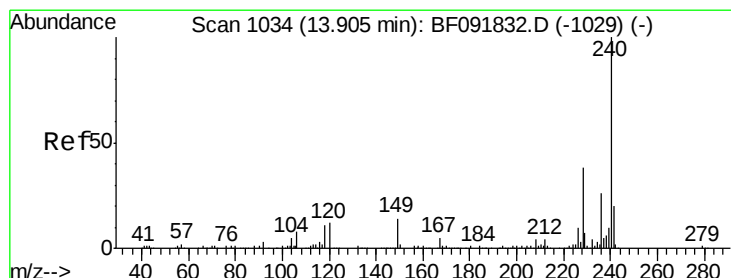
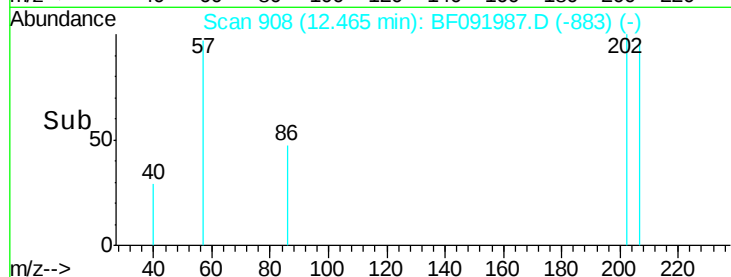
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.47

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

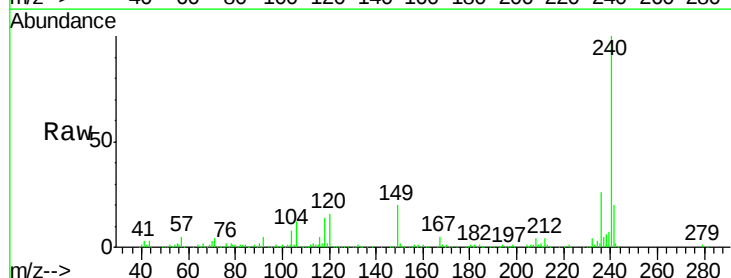
RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091987.D

Acq: 28 Dec 2016 2:13

Tgt Ion:	240	Resp:	529154
Ion Ratio	Lower	Upper	
240	100		
120	16.1	12.9	19.3
236	25.9	20.9	31.3



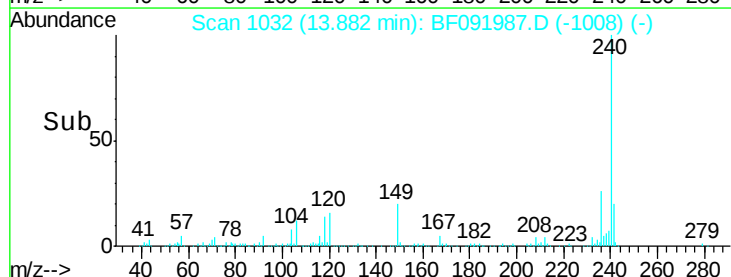
Abundance Ion 240.00 (239.70 to 240.70): E

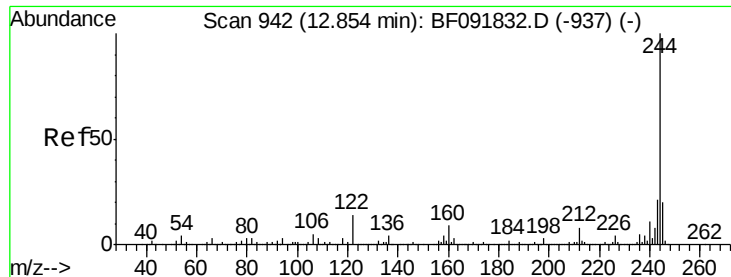
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.88

Time-->

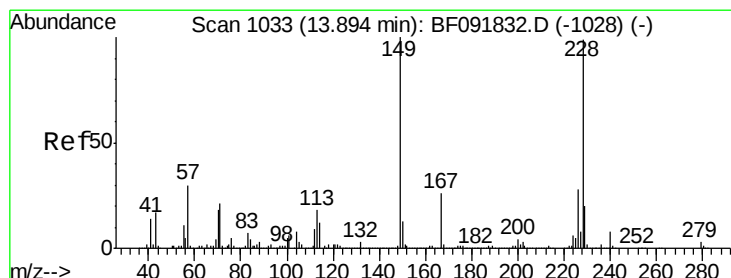
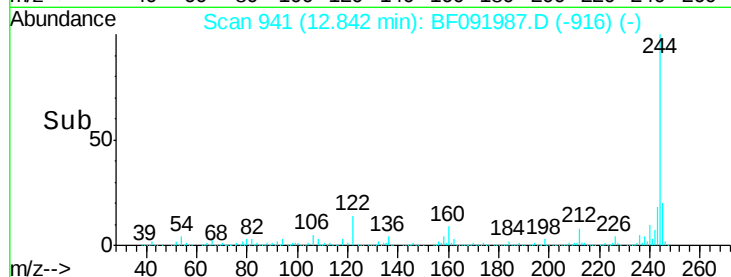
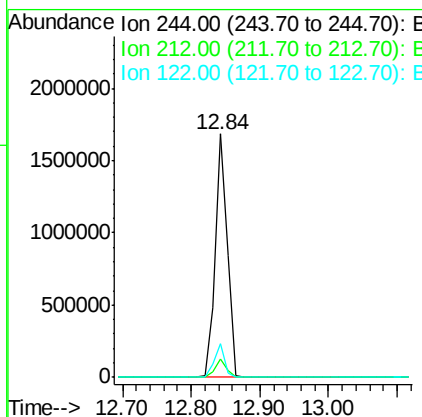
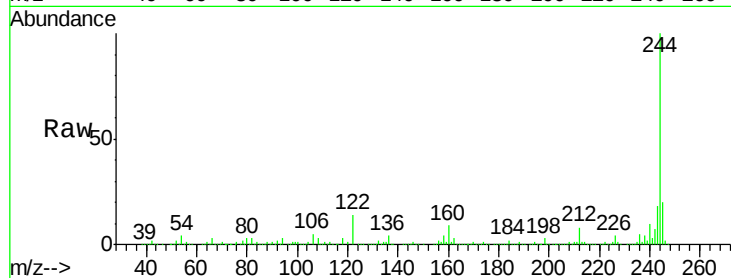




#78
 Terphenyl-d14
 Concen: 96.11 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

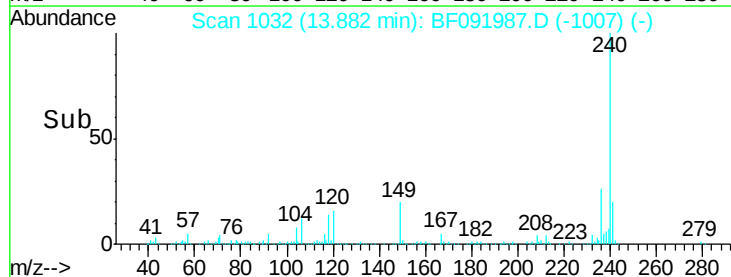
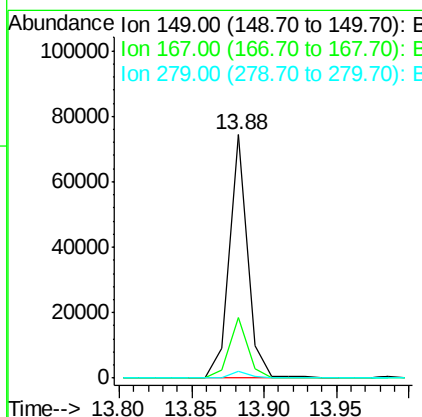
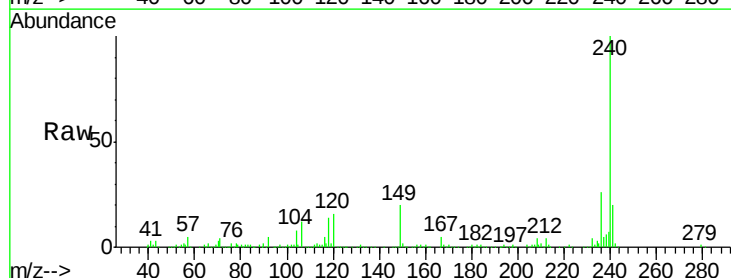
Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-D-M

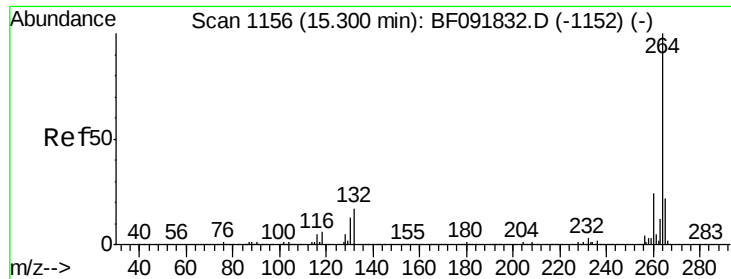
Tgt Ion: 244 Resp: 2096870
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.1 11.4 17.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.11 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091987.D
 Acq: 28 Dec 2016 2:13

Tgt Ion: 149 Resp: 64772
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.2 30.4
 279 2.6 1.8 2.8

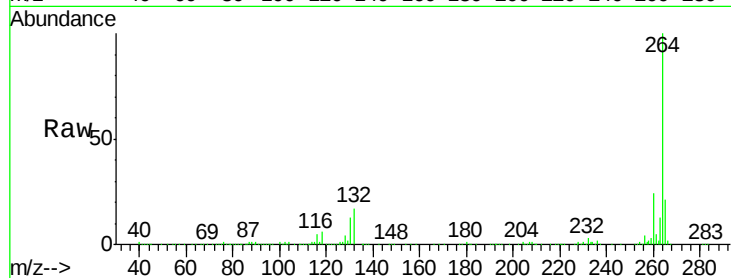




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091987.D
Acq: 28 Dec 2016 2:13

Instrument :
BNA_F
ClientSampleId :
122216-DSDC-E-D-M

Tgt Ion:	264	Resp:	425984
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.4	26.0



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

