

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091497.D
 Acq On : 8 Dec 2016 5:04
 Operator : UM/SJ
 Sample : H5867-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-04-01

Quant Time: Dec 08 06:30:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

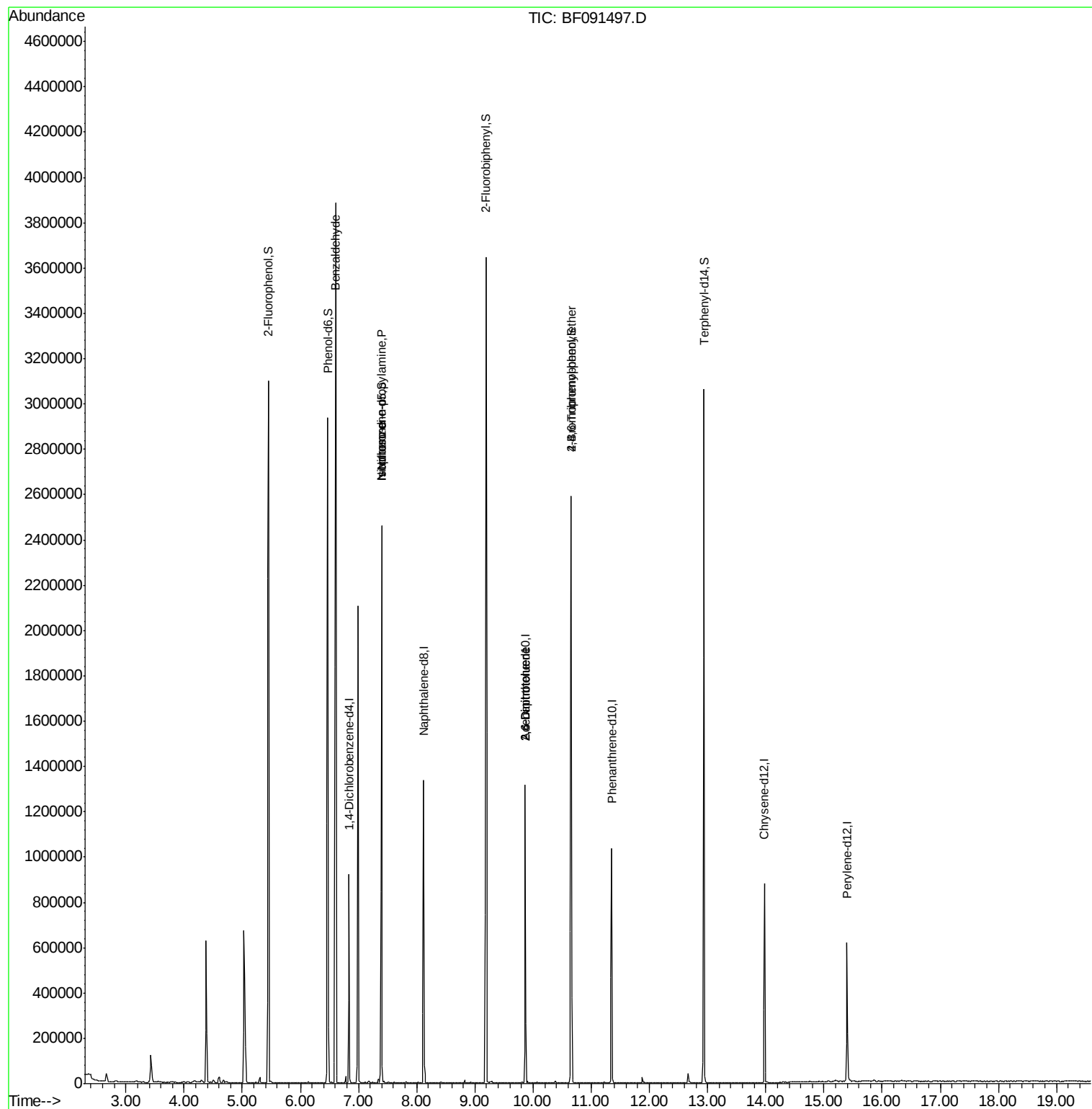
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	146369	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	563003	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	292119	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	448142	20.00	ng	0.00
75) Chrysene-d12	13.98	240	347735	20.00	ng	0.00
86) Perylene-d12	15.40	264	268881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1017790	113.60	ng	0.02
7) Phenol-d6	6.47	99	963386	87.35	ng	0.00
23) Nitrobenzene-d5	7.40	82	756333	75.28	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	315959	114.25	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1422162	88.15	ng	-0.01
78) Terphenyl-d14	12.94	244	1244665	77.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	26152	3.69	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.40	70	105808	15.23	ng	# 72
25) Isophorone	7.40	82	562697	31.61	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	37948	9.60	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	37950	7.40	ng	# 34
66) 4-Bromophenyl-phenylether	10.65	248	20001	4.15	ng	# 1

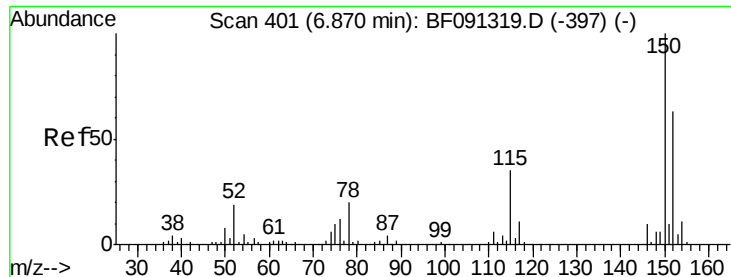
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-04-01

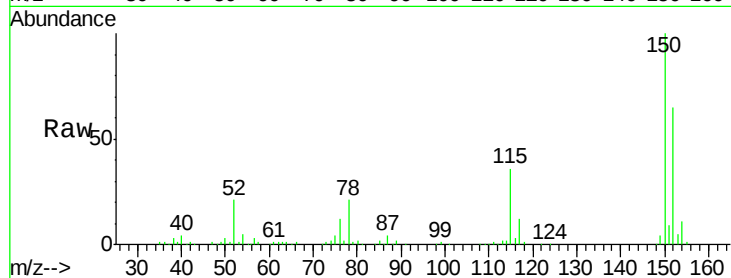
Tgt Ion:152 Resp: 146369

Ion Ratio Lower Upper

152 100

150 154.3 122.5 183.7

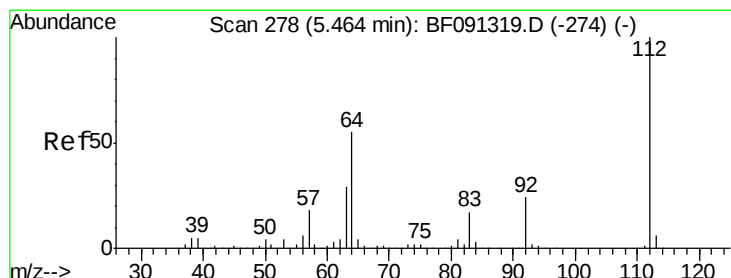
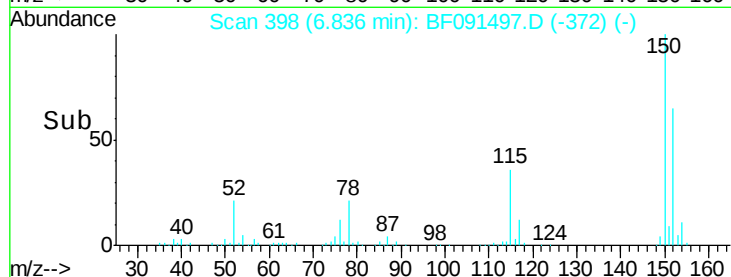
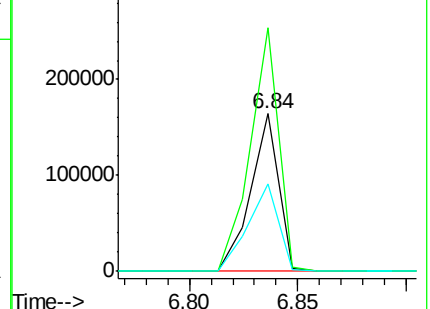
115 55.1 51.8 77.8



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: 113.60 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

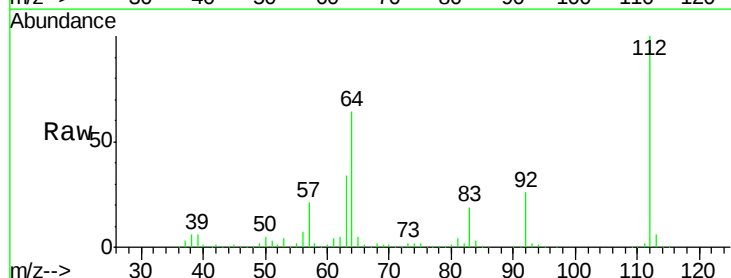
Tgt Ion:112 Resp: 1017790

Ion Ratio Lower Upper

112 100

64 63.6 61.5 92.3

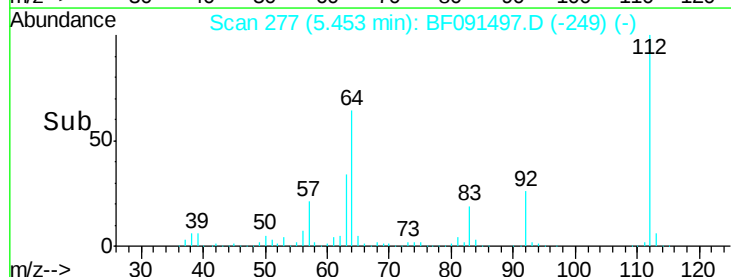
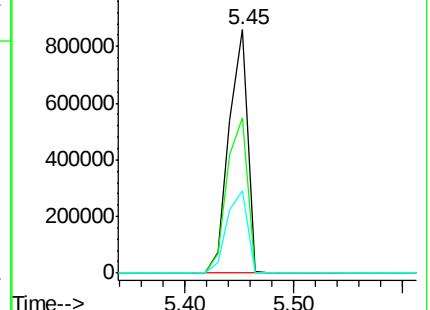
63 33.9 33.3 49.9

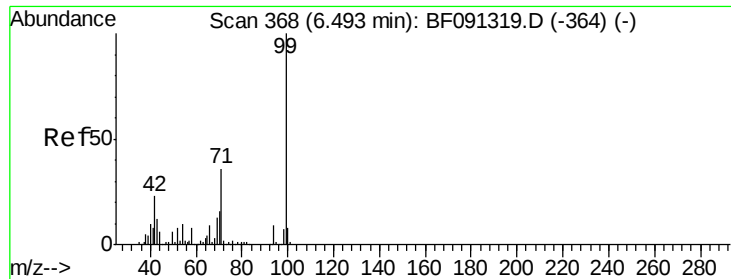


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.35 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

Instrument :

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ClientSampleId :

N002-WD-A5-04-01

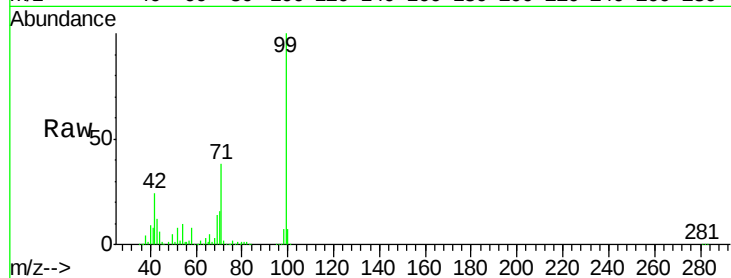
Tgt Ion: 99 Resp: 963386

Ion Ratio Lower Upper

99 100

42 23.7 20.6 31.0

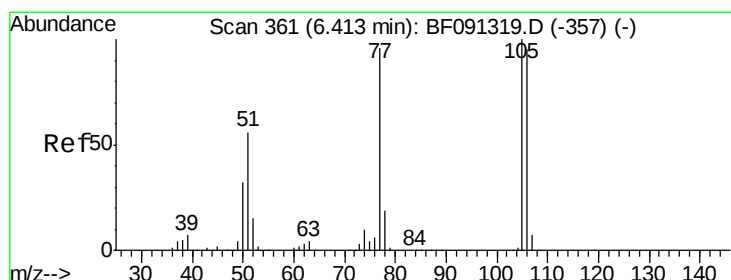
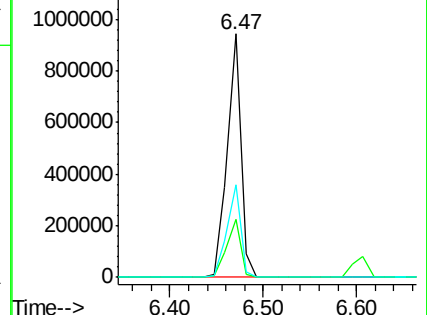
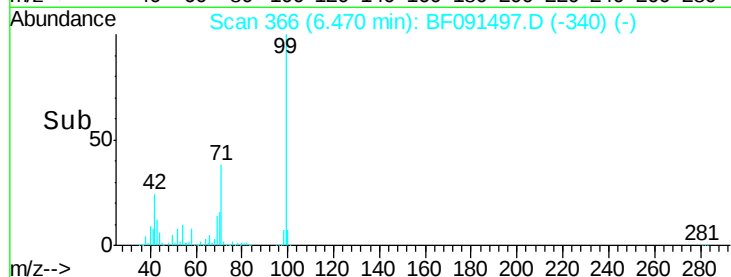
71 37.8 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.69 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.23 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

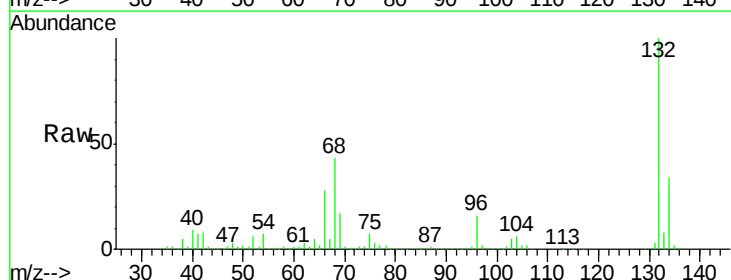
Tgt Ion: 77 Resp: 26152

Ion Ratio Lower Upper

77 100

105 83.6 66.4 106.4

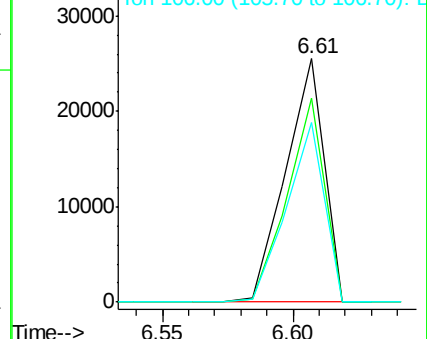
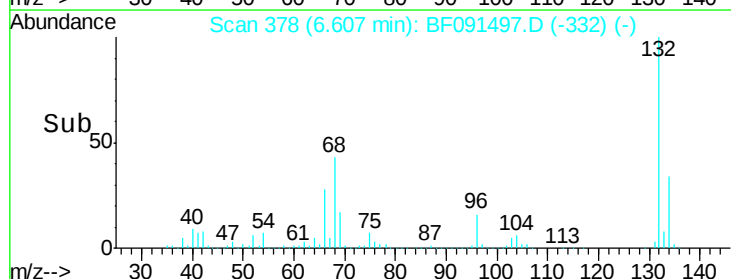
106 74.0 60.9 100.9

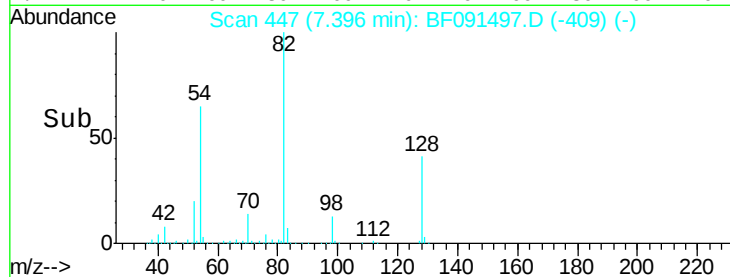
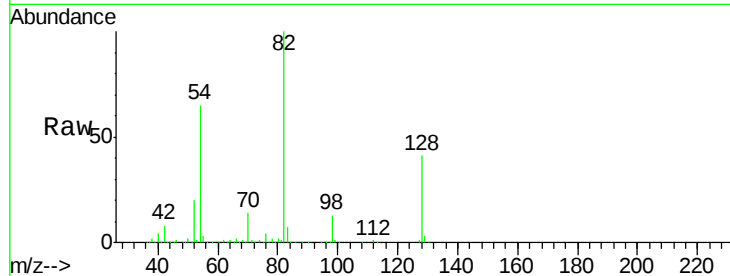
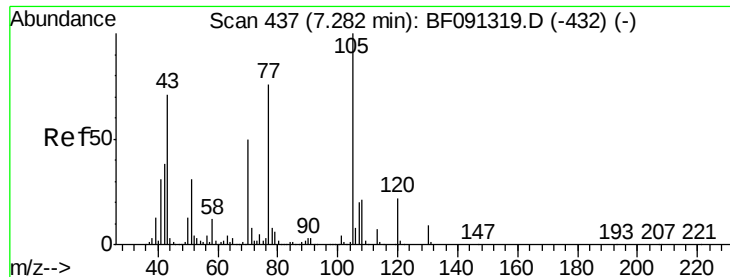


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

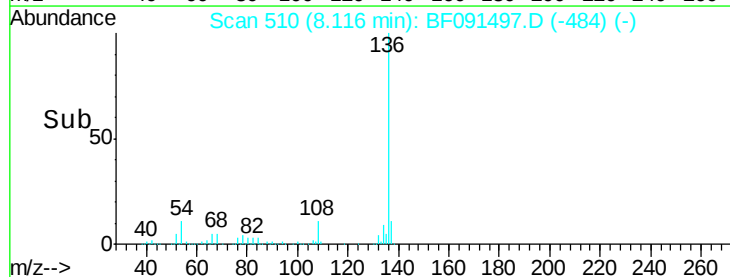
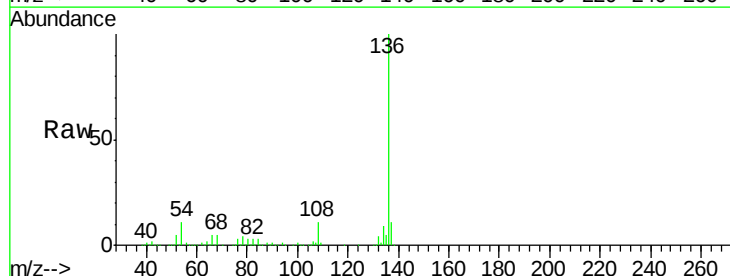
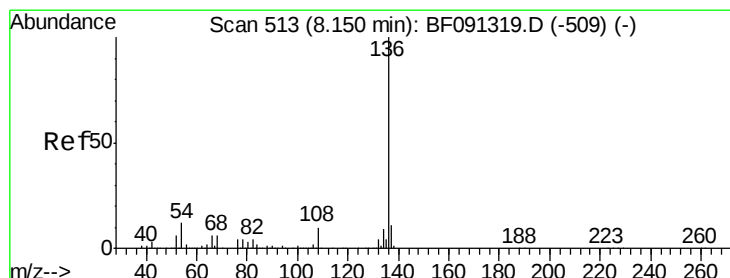
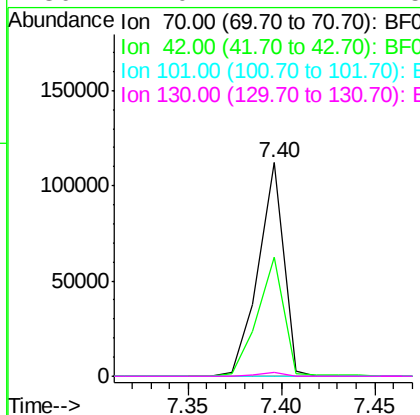




#19
n-Nitroso-di-n-propylamine
Concen: 15.23 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF091497.D
Acq: 8 Dec 2016 5:04

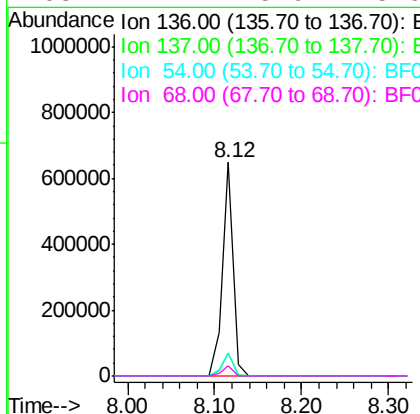
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-04-01

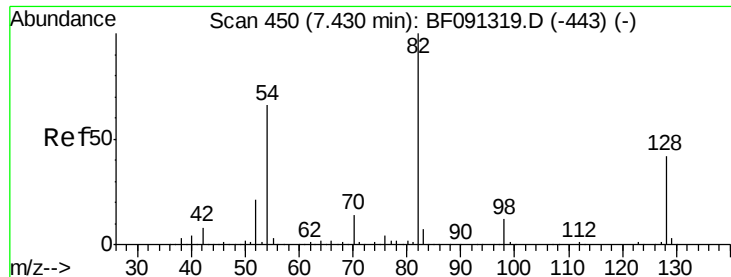
Tgt Ion: 70 Resp: 105808
Ion Ratio Lower Upper
70 100
42 55.8 64.8 97.2#
101 0.0 6.2 9.4#
130 2.0 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF091497.D
Acq: 8 Dec 2016 5:04

Tgt Ion: 136 Resp: 563003
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.7 9.1 13.7
68 4.7 5.9 8.9#

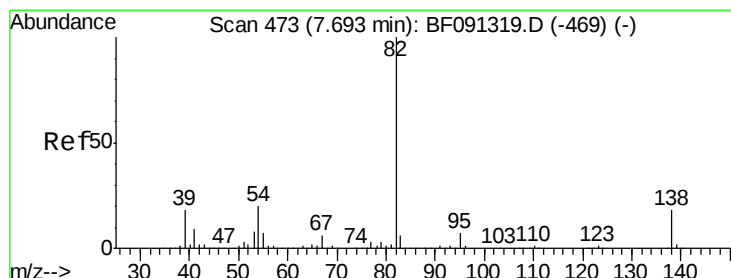
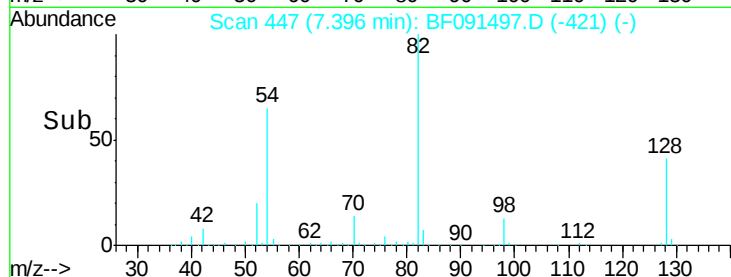
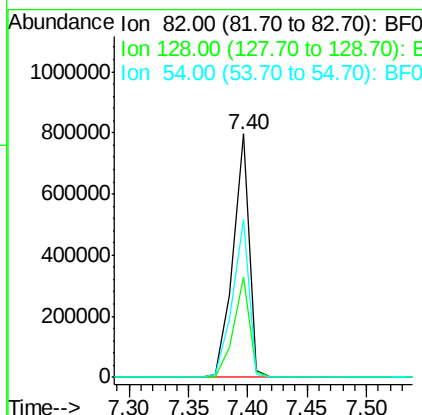
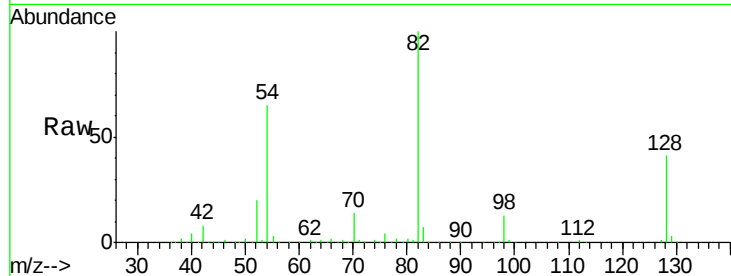




#23
Nitrobenzene-d5
Concen: 75.28 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091497.D
Acq: 8 Dec 2016 5:04

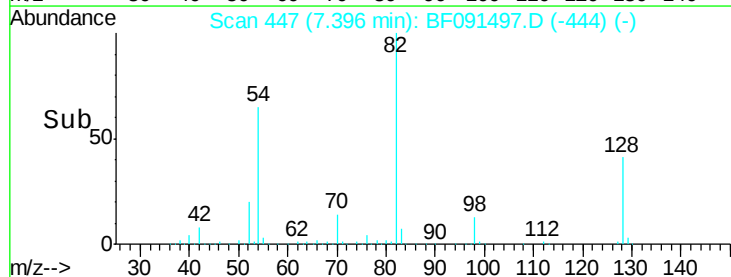
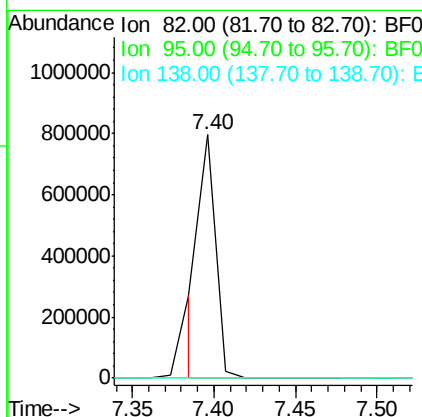
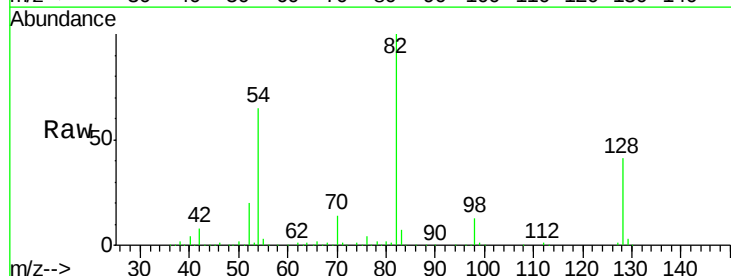
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-04-01

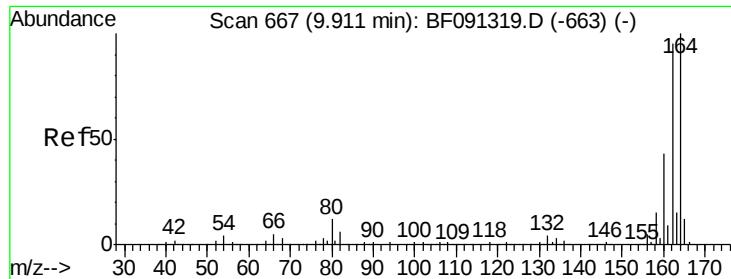
Tgt Ion: 82 Resp: 756333
Ion Ratio Lower Upper
82 100
128 41.2 31.8 47.6
54 65.0 49.1 73.7



#25
Isophorone
Concen: 31.61 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.26 min
Lab File: BF091497.D
Acq: 8 Dec 2016 5:04

Tgt Ion: 82 Resp: 562697
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.0#

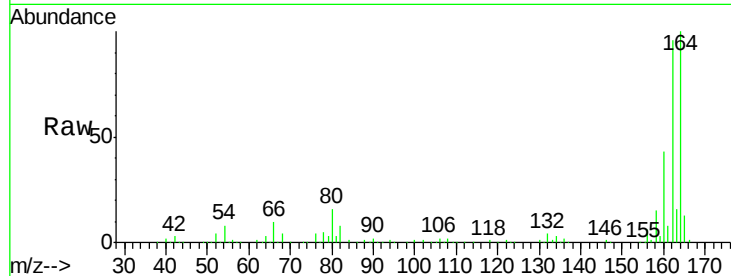




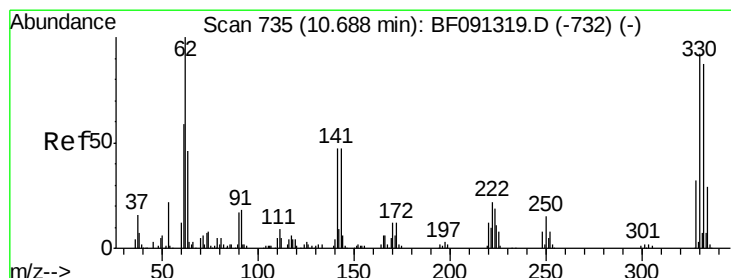
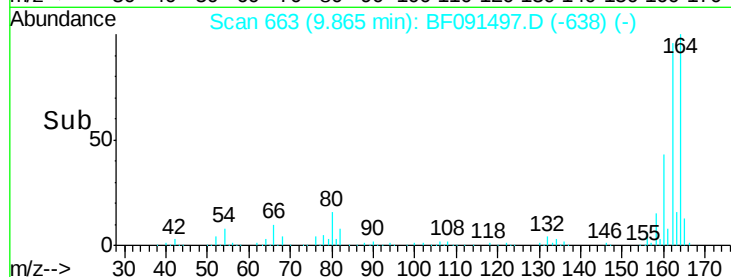
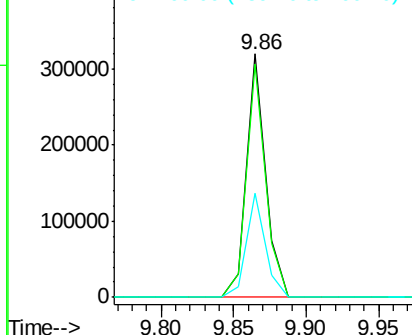
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091497.D
Acq: 8 Dec 2016 5:04

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-04-01

Tgt Ion:164 Resp: 292119
Ion Ratio Lower Upper
164 100
162 96.1 82.6 124.0
160 42.6 36.7 55.1

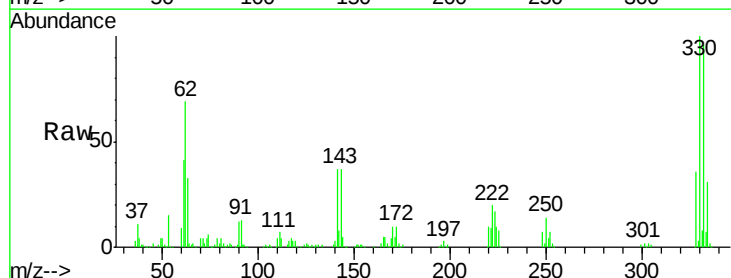


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

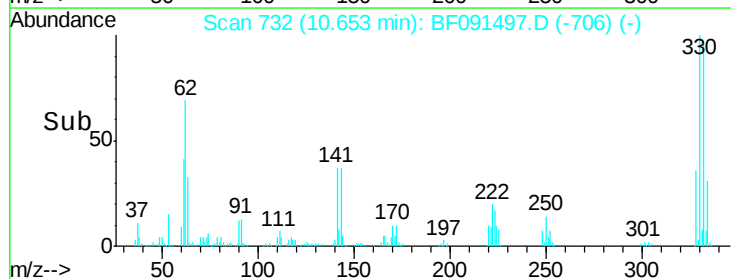
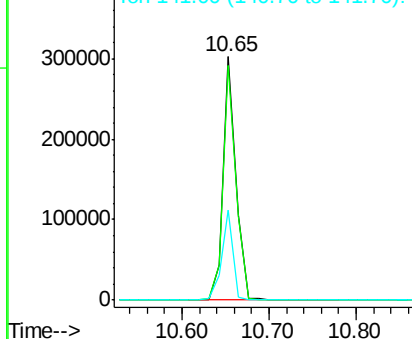


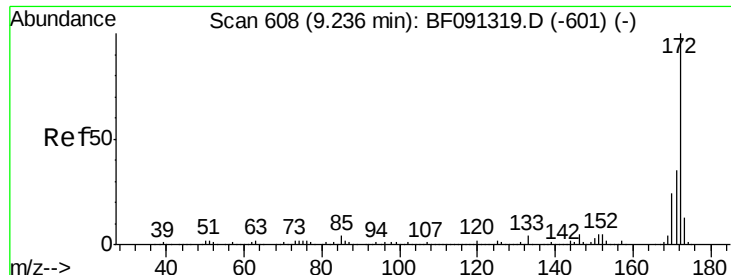
#41
2,4,6-Tribromophenol
Concen: 114.25 ng
RT: 10.65 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF091497.D
Acq: 8 Dec 2016 5:04

Tgt Ion:330 Resp: 315959
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 32.4 33.6 50.4#



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

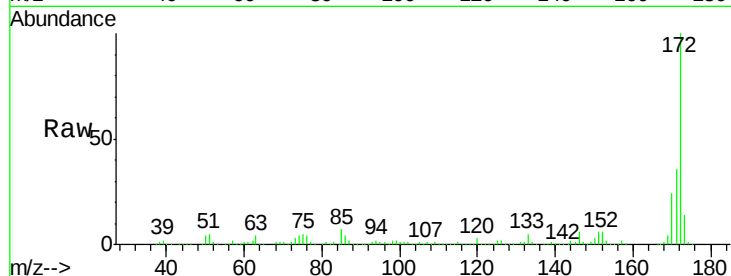




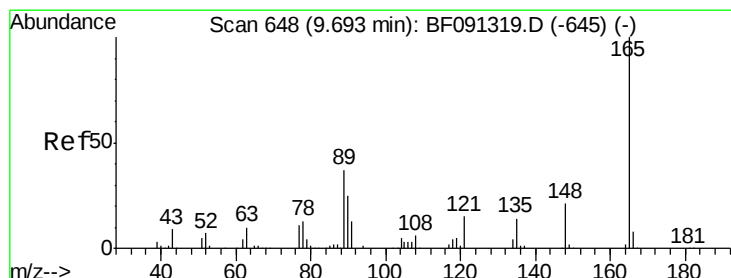
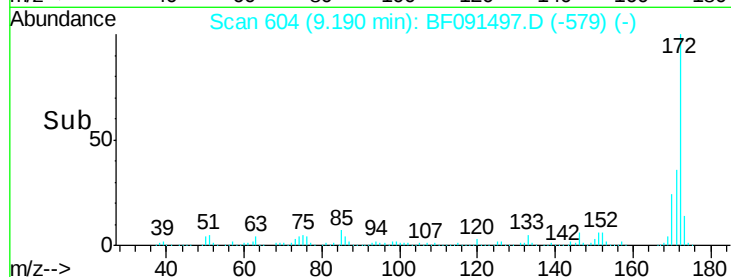
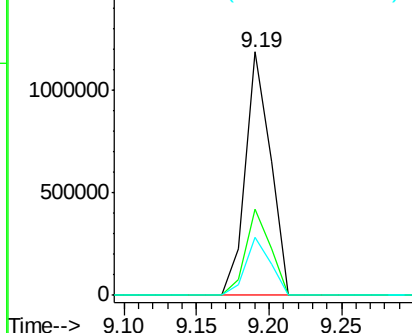
#44
 2-Fluorobiphenyl
 Concen: 88.15 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091497.D
 Acq: 8 Dec 2016 5:04

Instrument :
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Tgt Ion:172 Resp: 1422162
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.1 19.7 29.5

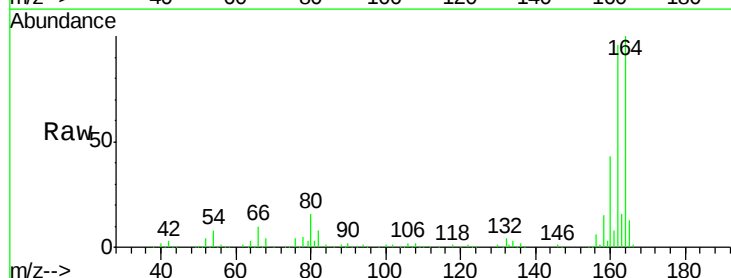


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

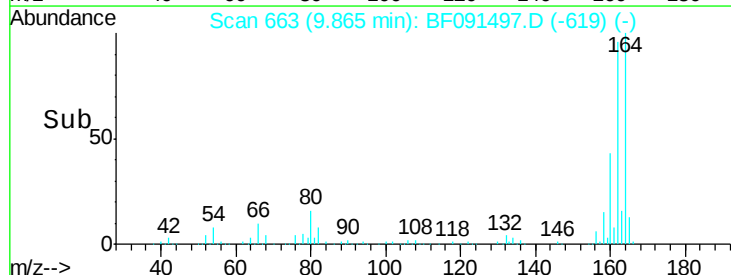
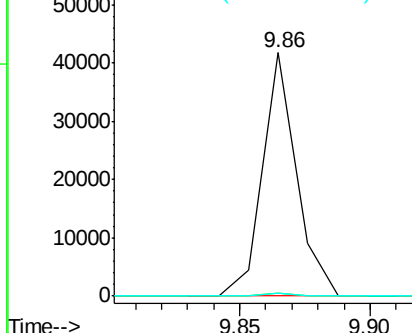


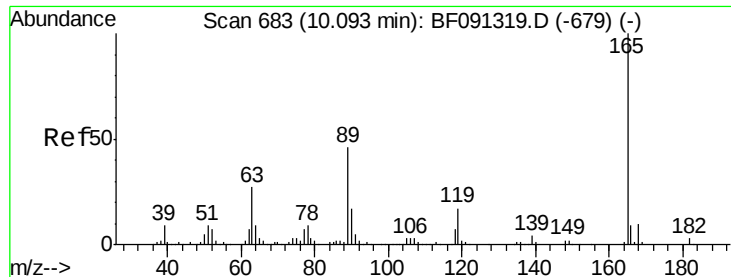
#50
 2,6-Dinitrotoluene
 Concen: 9.60 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF091497.D
 Acq: 8 Dec 2016 5:04

Tgt Ion:165 Resp: 37948
 Ion Ratio Lower Upper
 165 100
 63 1.1 59.4 89.0#
 89 1.4 50.8 76.2#



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

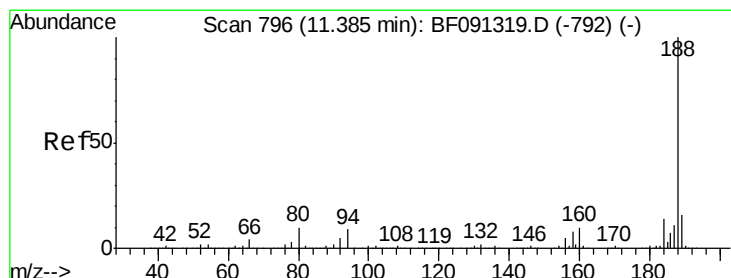
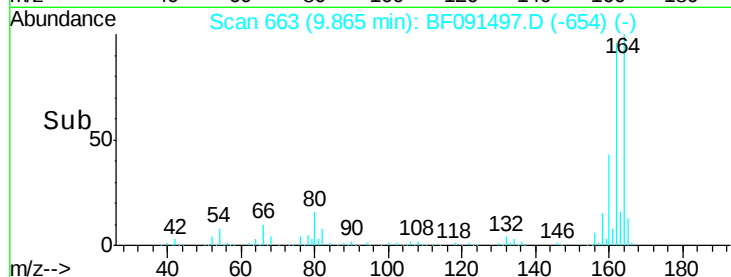
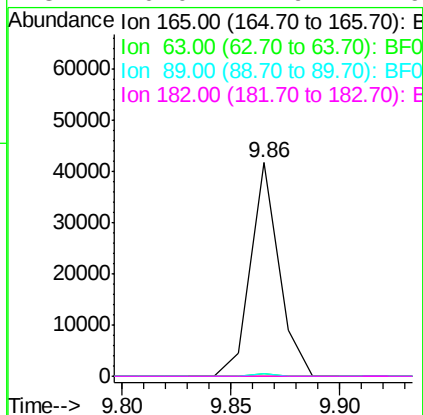
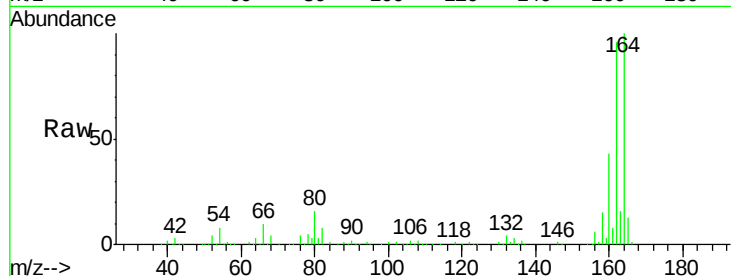




#56
 2,4-Dinitrotoluene
 Concen: 7.40 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF091497.D
 Acq: 8 Dec 2016 5:04

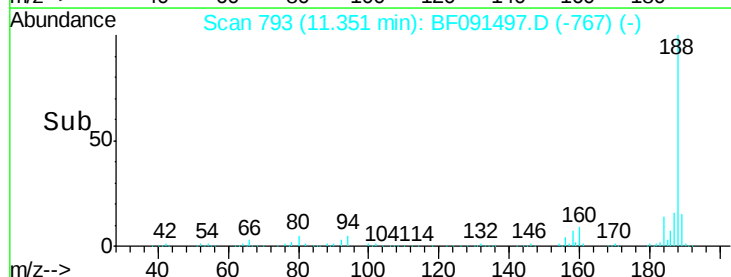
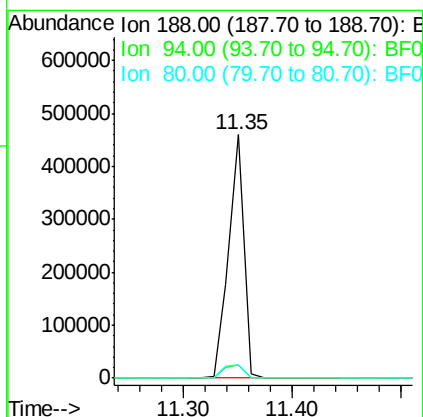
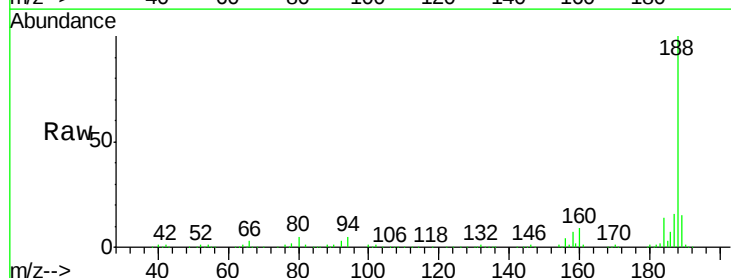
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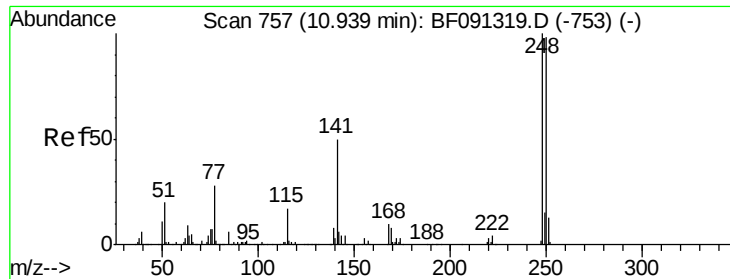
Tgt Ion:	165	Resp:	37950
Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.4	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF091497.D
 Acq: 8 Dec 2016 5:04

Tgt Ion:	188	Resp:	448142
Ion	Ratio	Lower	Upper
188	100		
94	5.2	9.2	13.8#
80	5.3	10.5	15.7#





#66

4-Bromophenyl-phenylether

Concen: 4.15 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.25 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-04-01

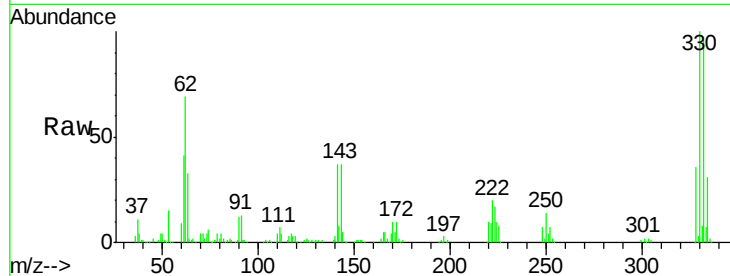
Tgt Ion:248 Resp: 20001

Ion Ratio Lower Upper

248 100

250 195.9 78.2 117.4#

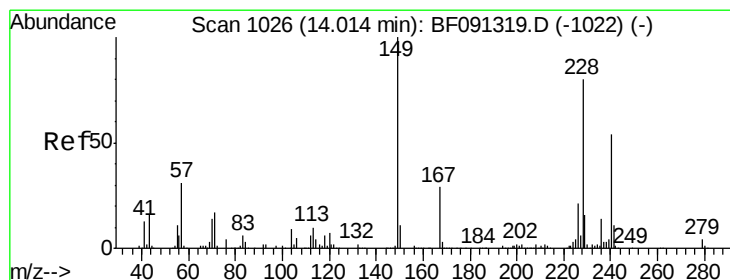
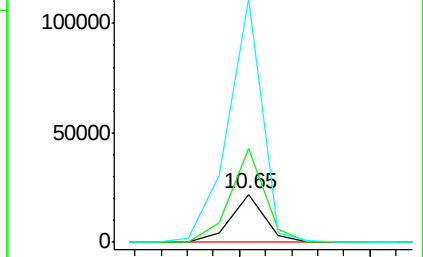
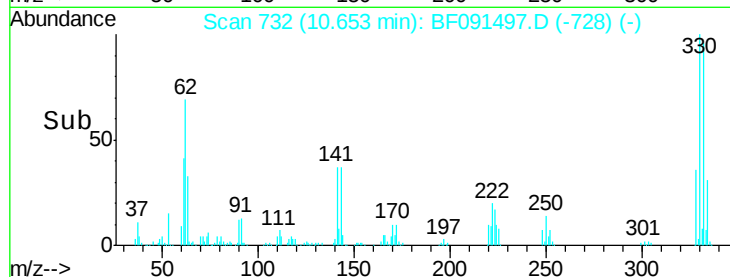
141 504.9 71.9 107.9#



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: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF091497.D

Acq: 8 Dec 2016 5:04

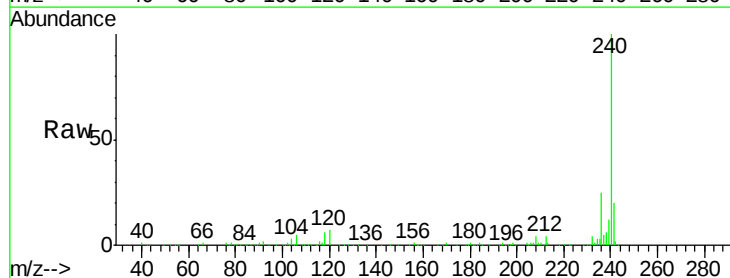
Tgt Ion:240 Resp: 347735

Ion Ratio Lower Upper

240 100

120 6.6 12.1 18.1#

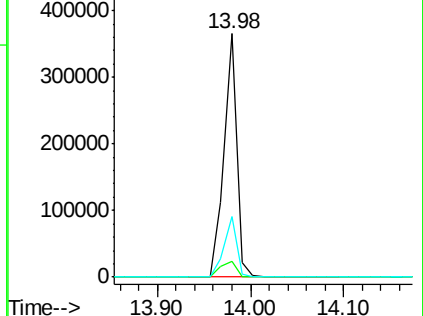
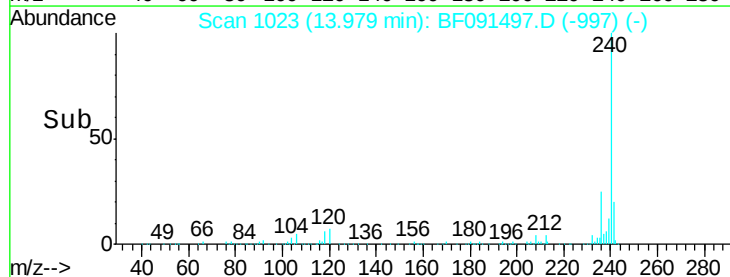
236 25.1 21.0 31.6

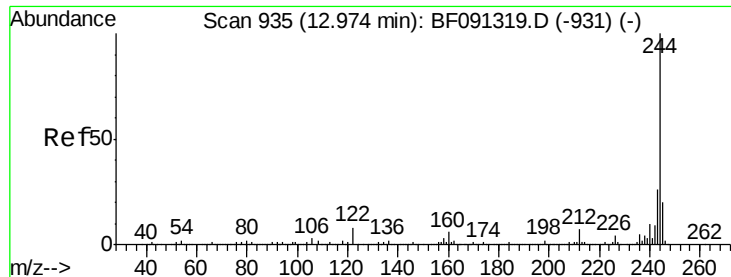


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

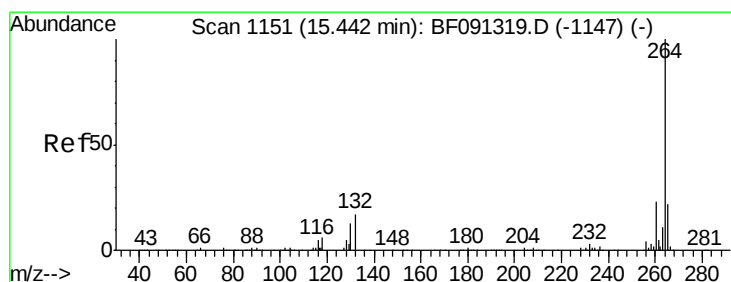
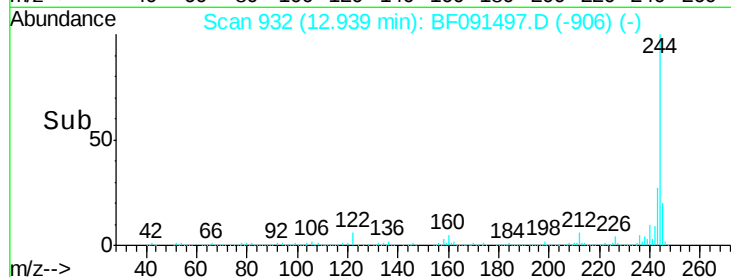
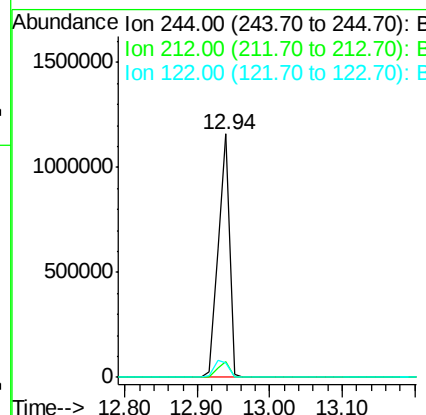
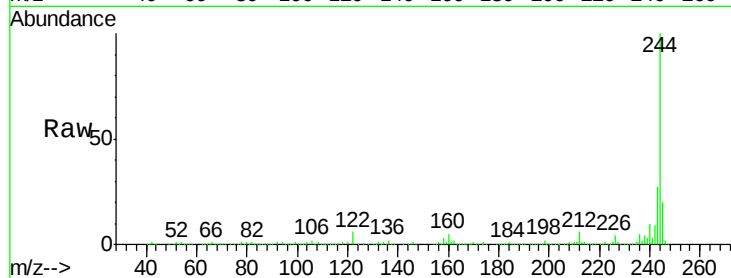




#78
 Terphenyl-d14
 Concen: 77.80 ng
 RT: 12.94 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF091497.D
 Acq: 8 Dec 2016 5:04

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-04-01

Tgt Ion:244 Resp: 1244665
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 5.9 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF091497.D
 Acq: 8 Dec 2016 5:04

Tgt Ion:264 Resp: 268881
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.0 17.0 25.6

