

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091493.D
 Acq On : 8 Dec 2016 2:17
 Operator :
 Sample : H5867-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-02-01

Quant Time: Dec 08 03:24:02 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

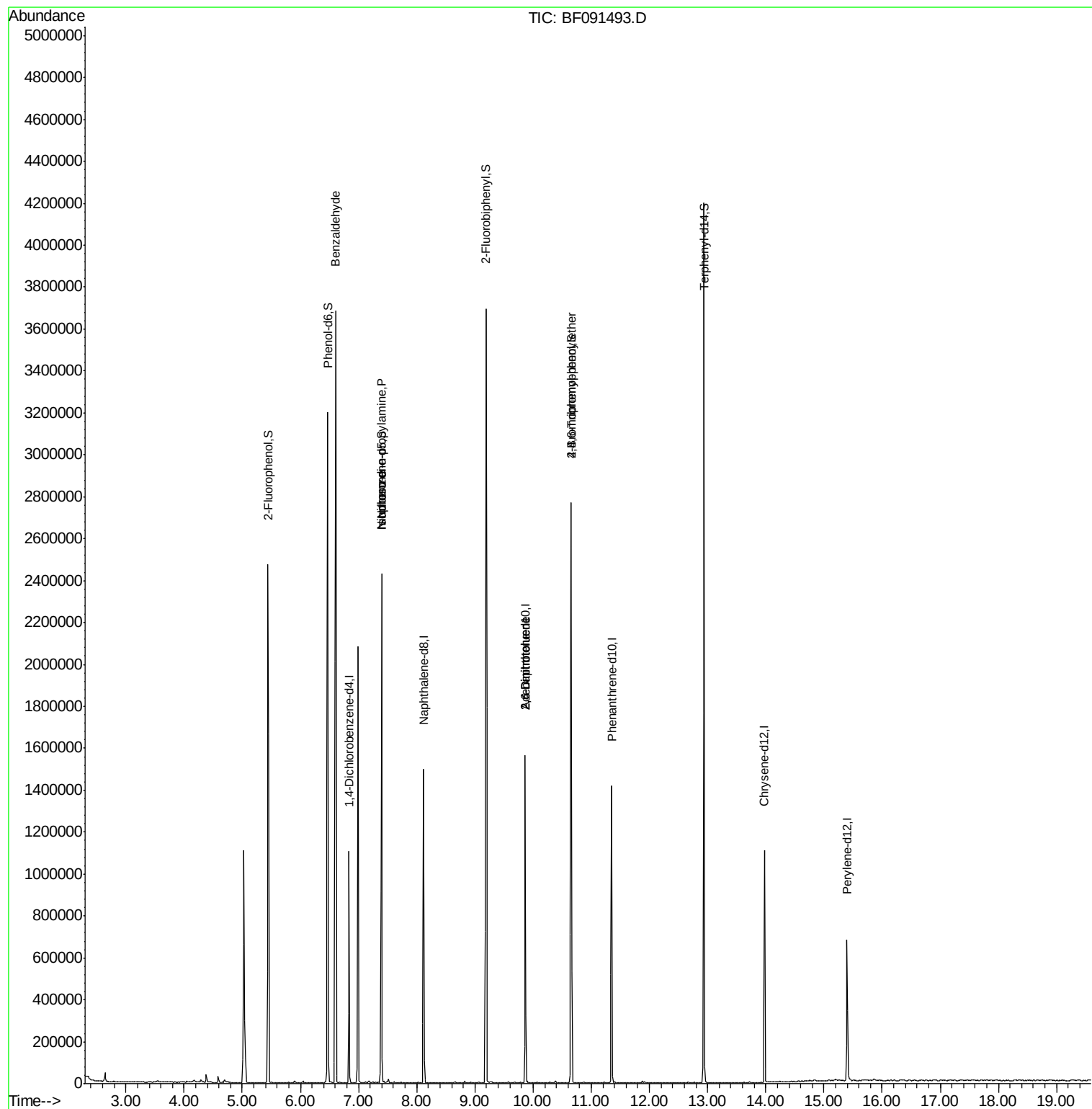
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162955	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	616453	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	343900	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	570712	20.00	ng	0.00
75) Chrysene-d12	13.98	240	402457	20.00	ng	0.00
86) Perylene-d12	15.40	264	335686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	848036	85.02	ng	0.01
7) Phenol-d6	6.47	99	989508	80.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	771109	70.10	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	350180	107.56	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1482876	78.07	ng	-0.01
78) Terphenyl-d14	12.94	244	1462729	79.00	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	27315	3.46	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	107231	13.86	ng	# 73
25) Isophorone	7.40	82	562513	28.86	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	45242	9.72	ng	# 16
56) 2,4-Dinitrotoluene	9.86	165	45244	7.49	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	21415	3.49	ng	# 1

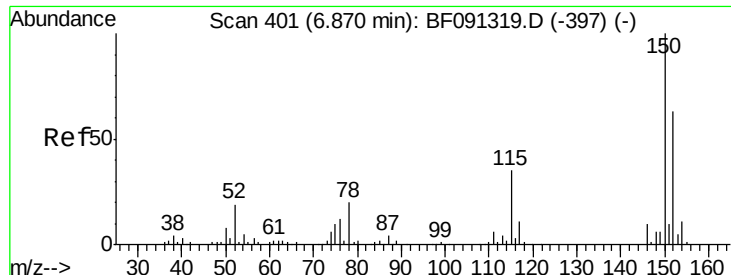
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-02-01

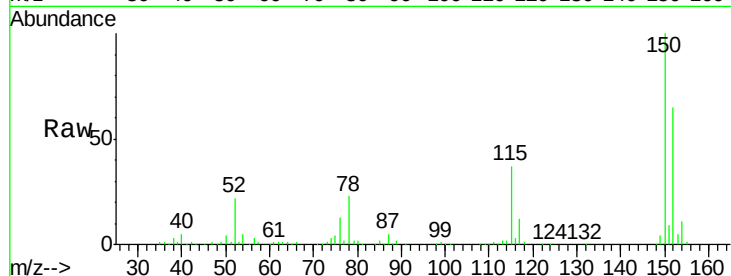
Tgt Ion:152 Resp: 162955

Ion Ratio Lower Upper

152 100

150 154.9 122.5 183.7

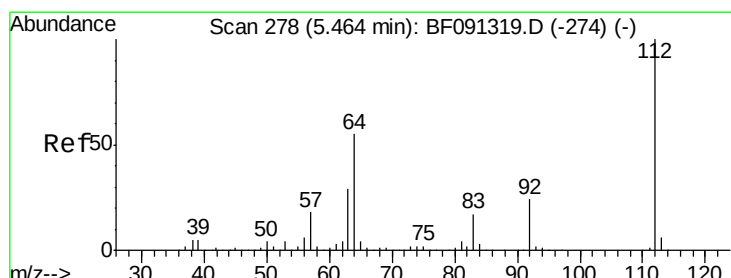
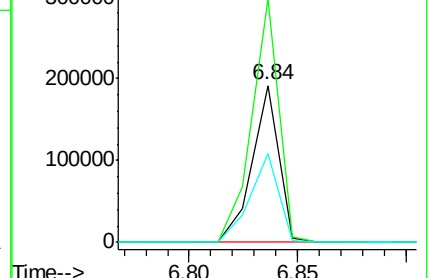
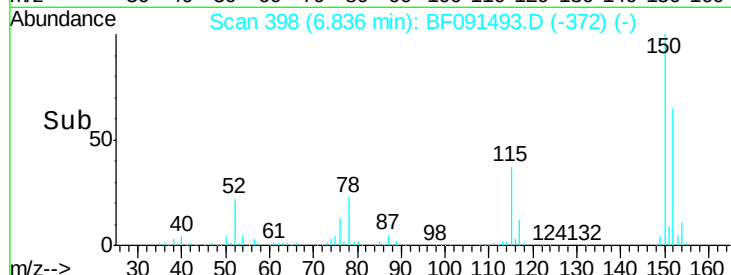
115 56.8 51.8 77.8



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: 85.02 ng

RT: 5.44 min Scan# 276

Delta R.T. 0.01 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

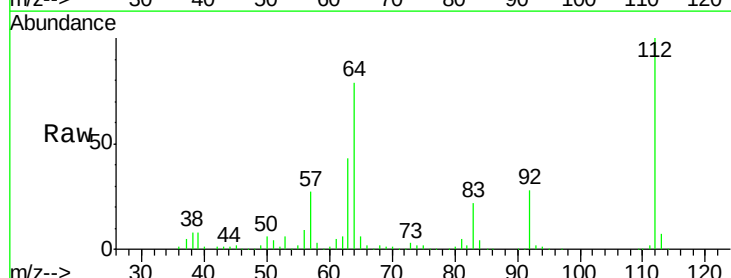
Tgt Ion:112 Resp: 848036

Ion Ratio Lower Upper

112 100

64 78.6 61.5 92.3

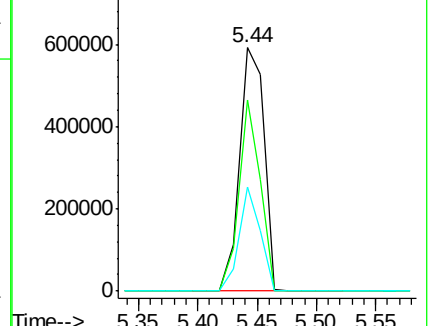
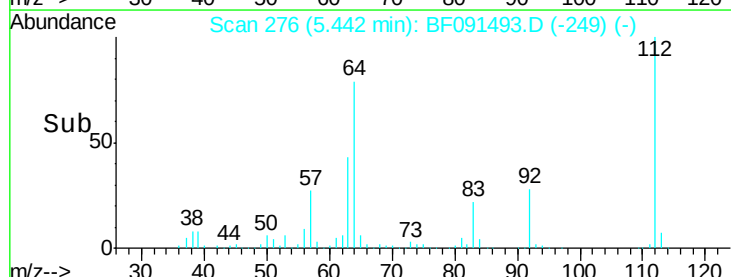
63 42.6 33.3 49.9

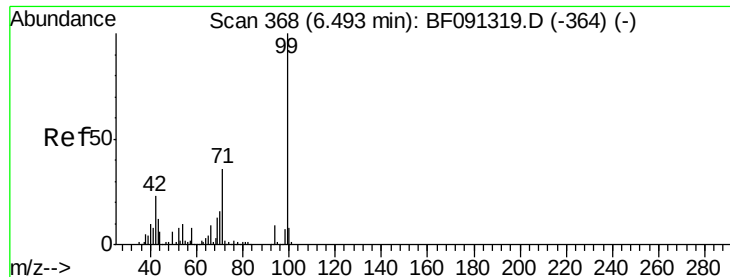


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.58 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-02-01

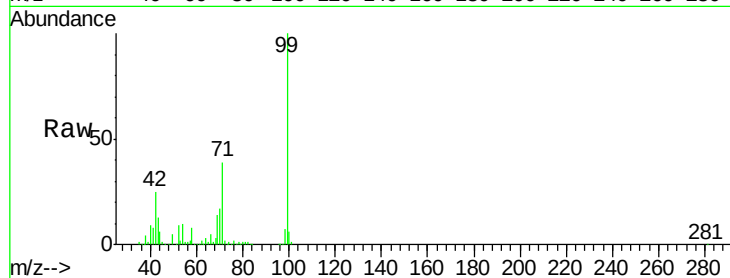
Tgt Ion: 99 Resp: 989508

Ion Ratio Lower Upper

99 100

42 24.5 20.6 31.0

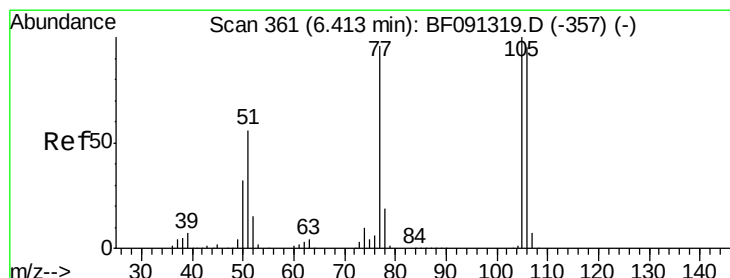
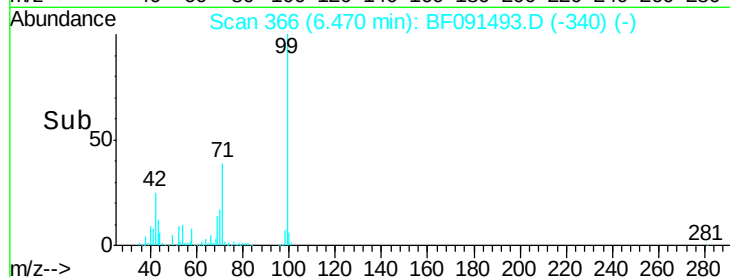
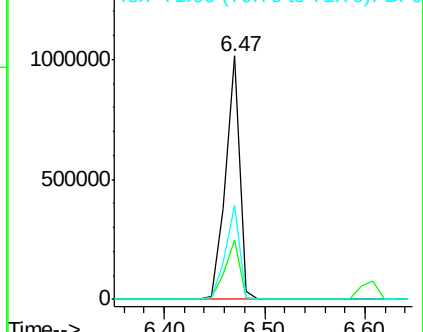
71 38.6 29.9 44.9



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: 3.46 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.23 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

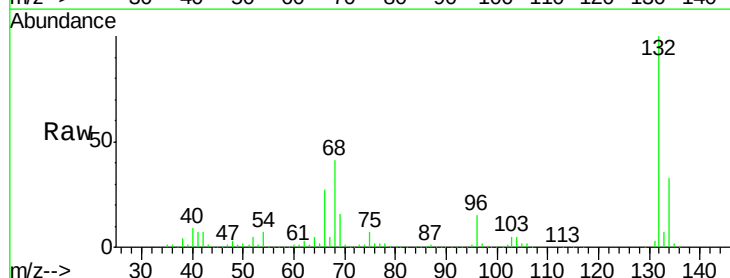
Tgt Ion: 77 Resp: 27315

Ion Ratio Lower Upper

77 100

105 77.6 66.4 106.4

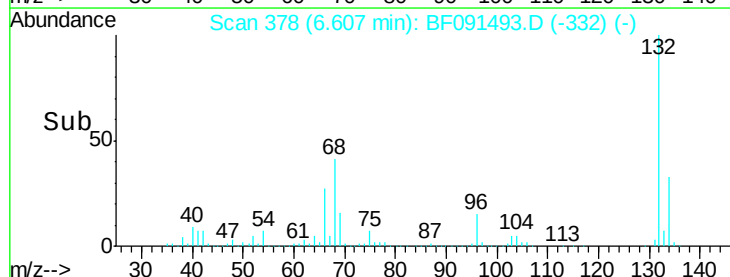
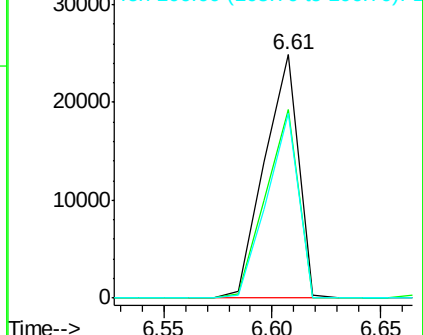
106 75.8 60.9 100.9

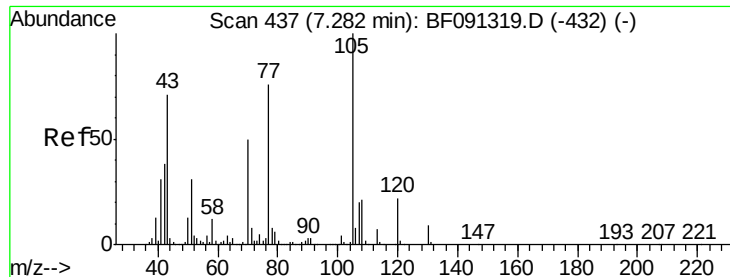


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

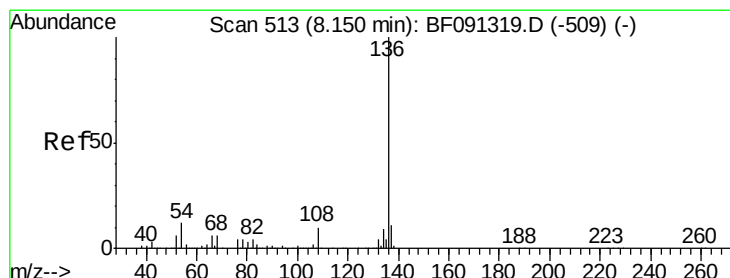
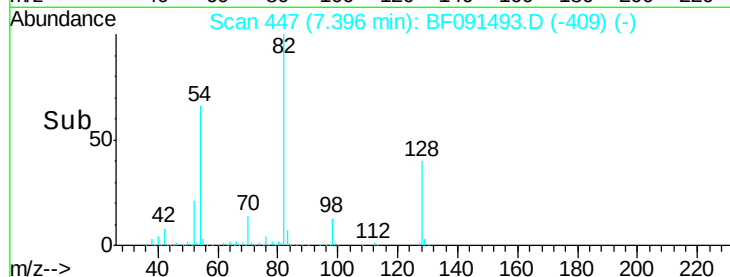
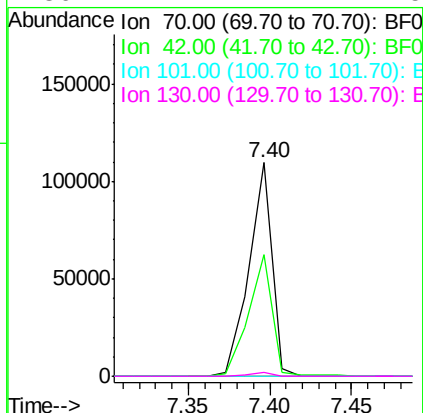
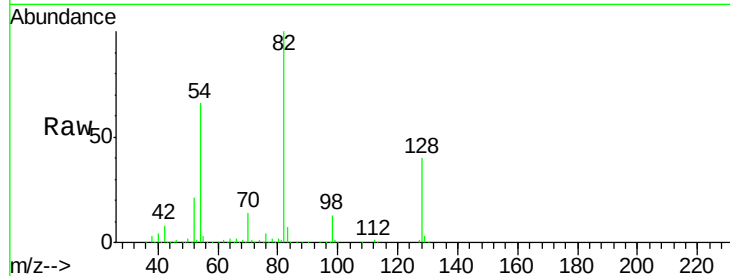




#19
n-Nitroso-di-n-propylamine
Concen: 13.86 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF091493.D
Acq: 8 Dec 2016 2:17

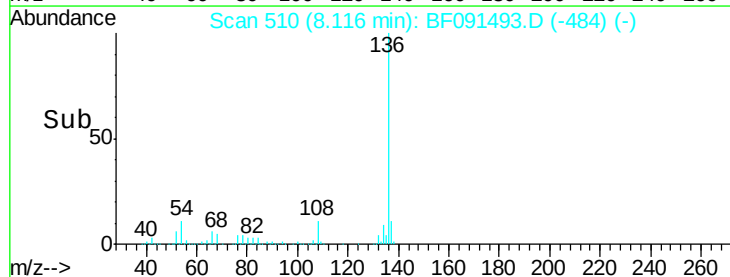
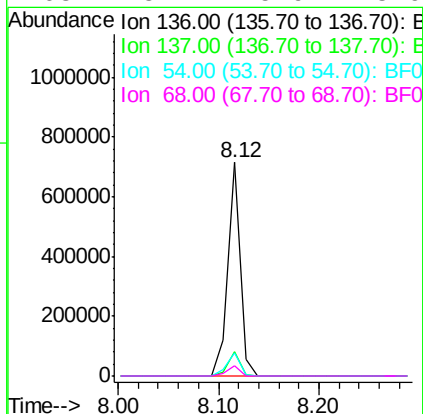
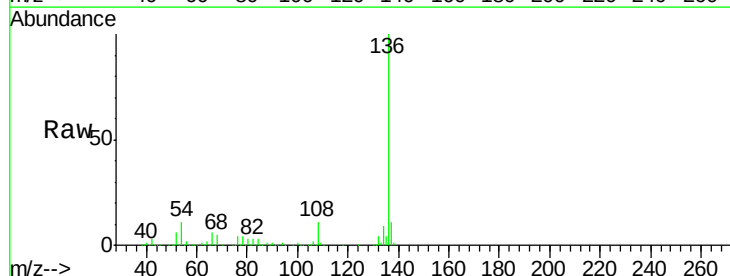
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-02-01

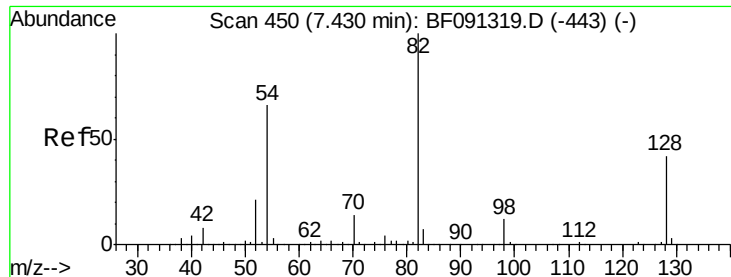
Tgt Ion: 70 Resp: 107231
Ion Ratio Lower Upper
70 100
42 57.0 64.8 97.2#
101 0.0 6.2 9.4#
130 1.7 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF091493.D
Acq: 8 Dec 2016 2:17

Tgt Ion: 136 Resp: 616453
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.8 9.1 13.7
68 5.1 5.9 8.9#

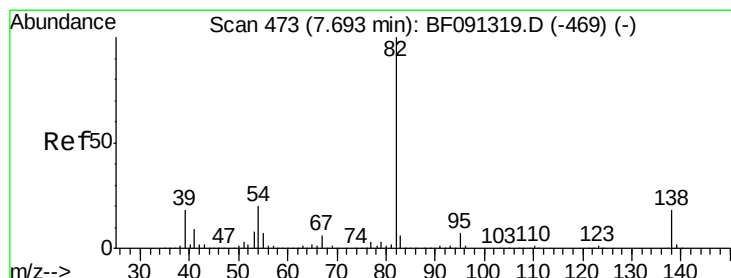
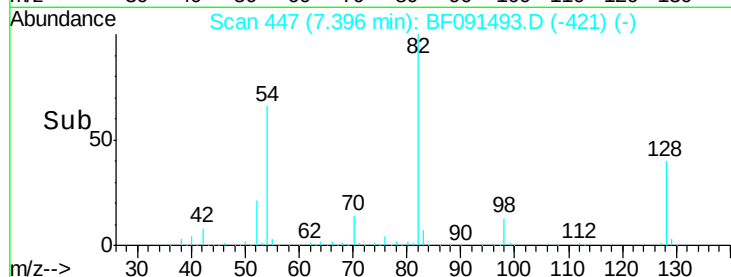
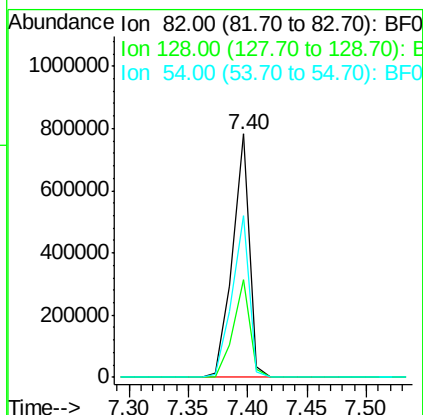
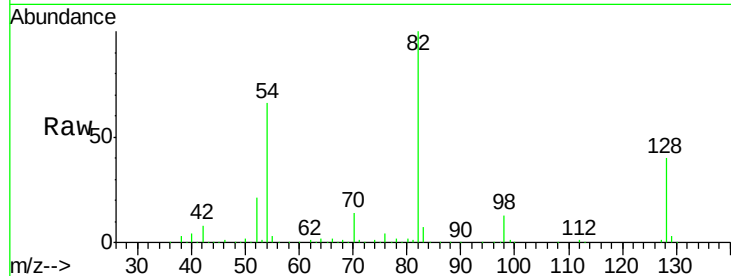




#23
 Nitrobenzene-d5
 Concen: 70.10 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

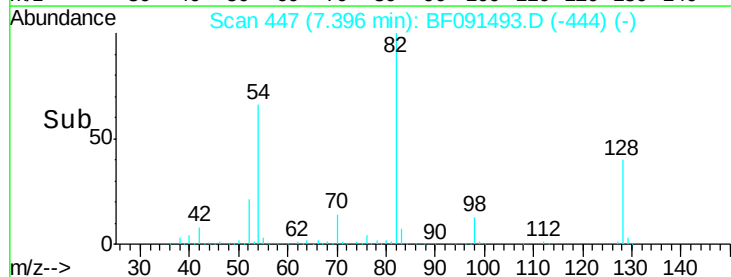
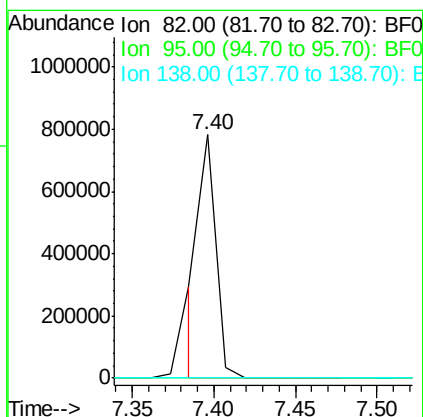
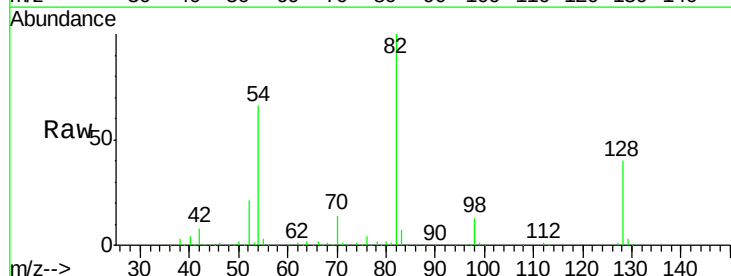
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-02-01

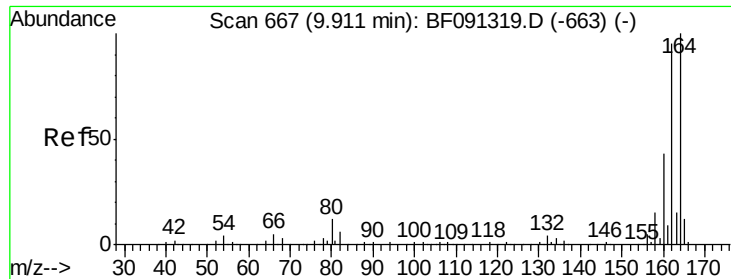
Tgt Ion: 82 Resp: 771109
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.8 47.6
 54 66.4 49.1 73.7



#25
 Isophorone
 Concen: 28.86 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.26 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

Tgt Ion: 82 Resp: 562513
 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: BF091493.D

Acq: 8 Dec 2016 2:17

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-02-01

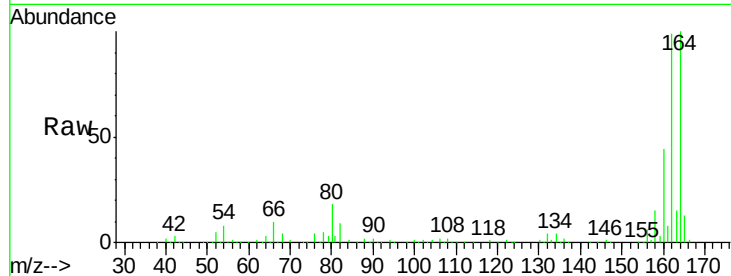
Tgt Ion:164 Resp: 343900

Ion Ratio Lower Upper

164 100

162 98.8 82.6 124.0

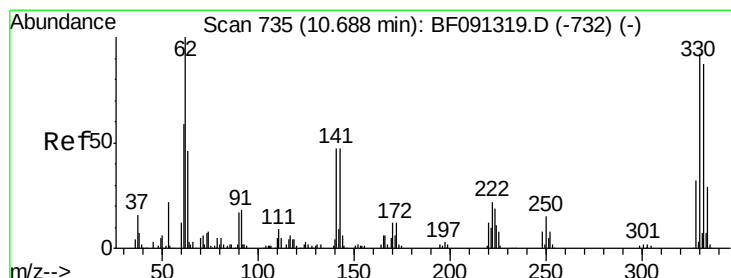
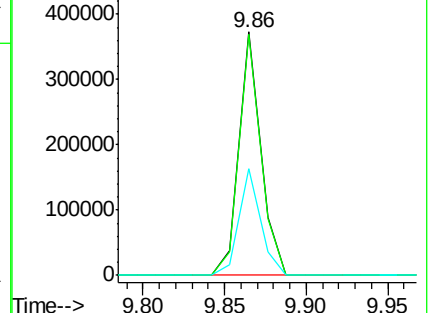
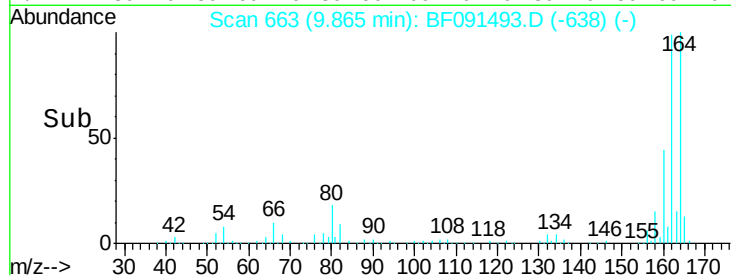
160 44.0 36.7 55.1



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: 107.56 ng

RT: 10.65 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091493.D

Acq: 8 Dec 2016 2:17

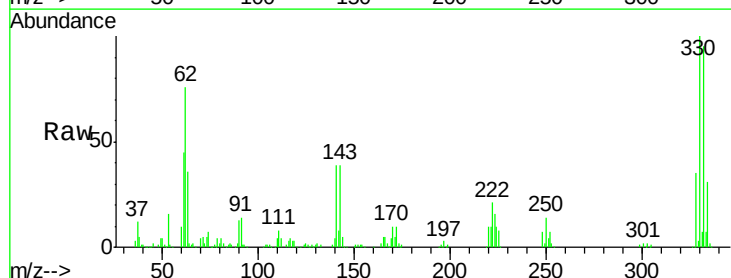
Tgt Ion:330 Resp: 350180

Ion Ratio Lower Upper

330 100

332 96.6 76.2 114.4

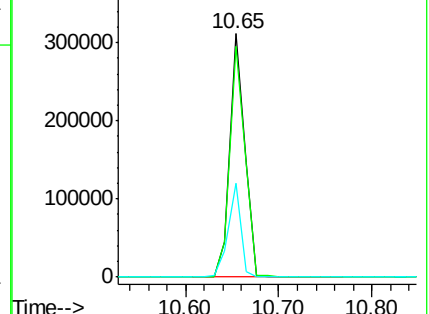
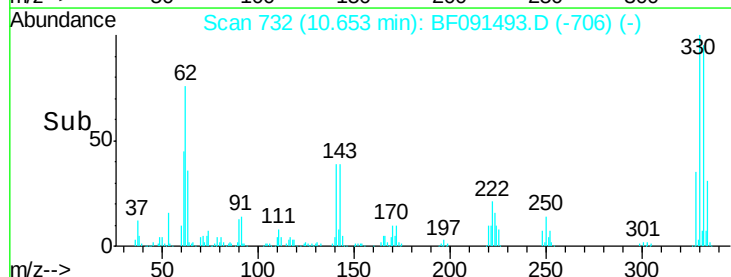
141 31.9 33.6 50.4#

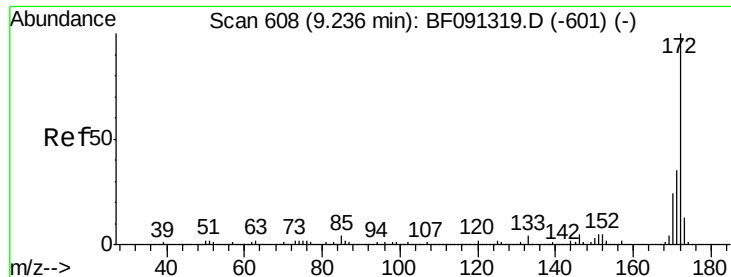


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

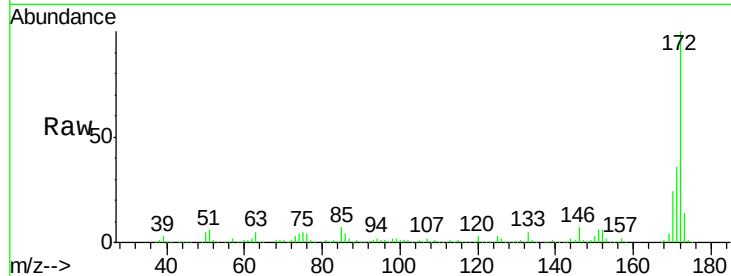




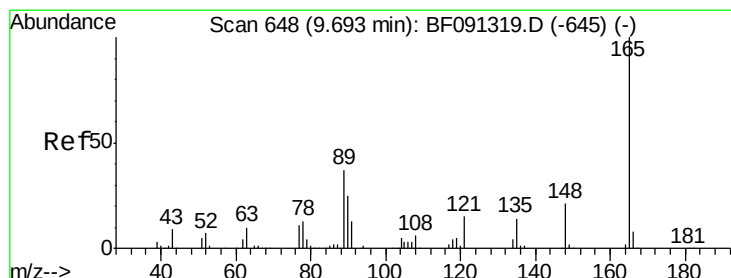
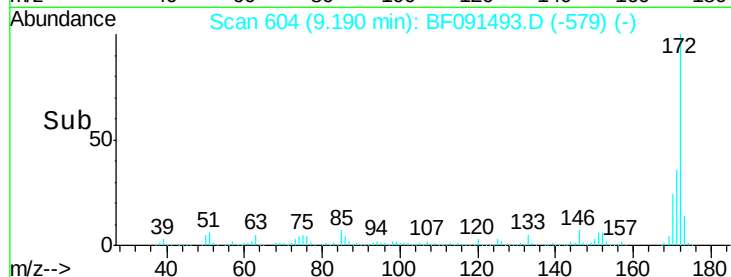
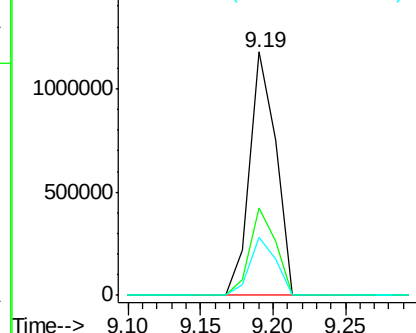
#44
 2-Fluorobiphenyl
 Concen: 78.07 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

Instrument :
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 N002-WD-A5-02-01

Tgt Ion:172 Resp: 1482876
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.9 19.7 29.5

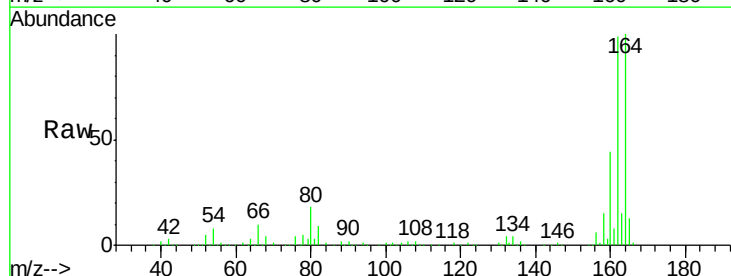


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

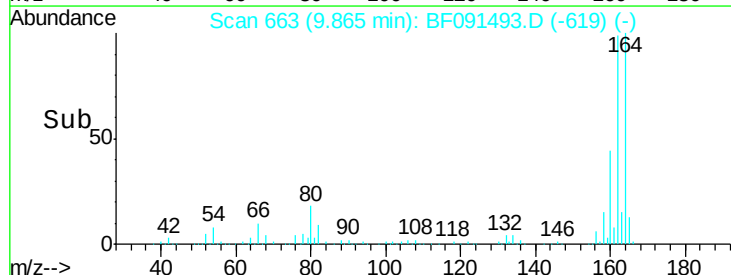
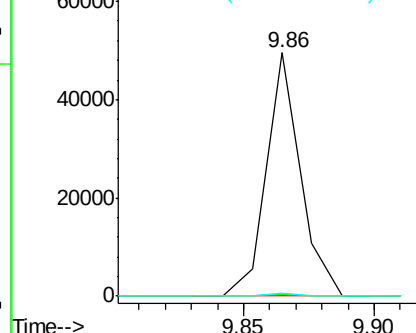


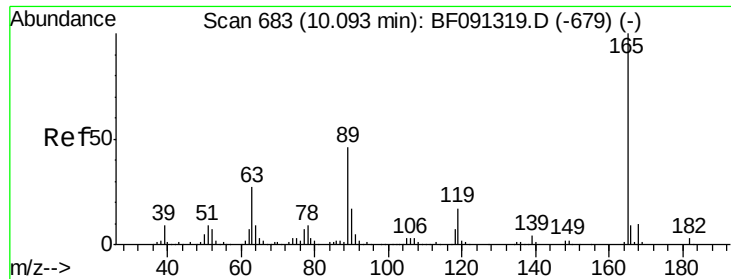
#50
 2,6-Dinitrotoluene
 Concen: 9.72 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

Tgt Ion:165 Resp: 45242
 Ion Ratio Lower Upper
 165 100
 63 0.7 59.4 89.0#
 89 1.1 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

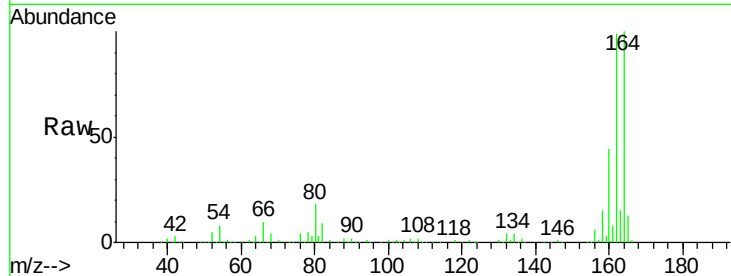




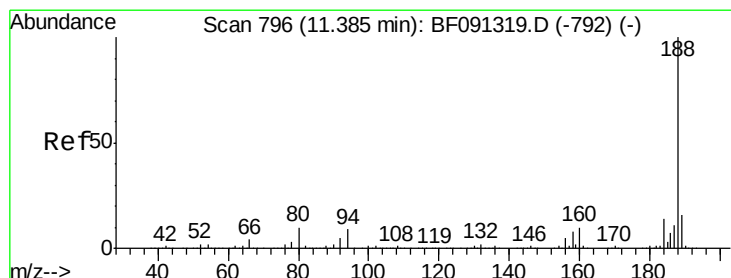
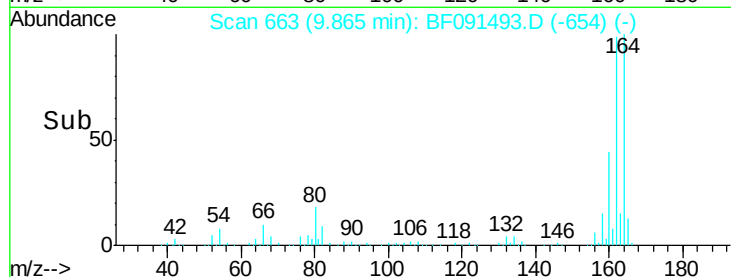
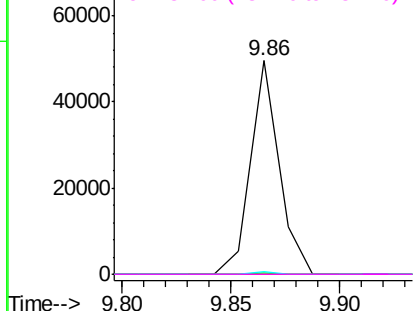
#56
 2,4-Dinitrotoluene
 Concen: 7.49 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-02-01

Tgt Ion:165 Resp: 45244
 Ion Ratio Lower Upper
 165 100
 63 0.7 29.0 43.4#
 89 1.1 43.1 64.7#
 182 0.0 1.9 2.9#

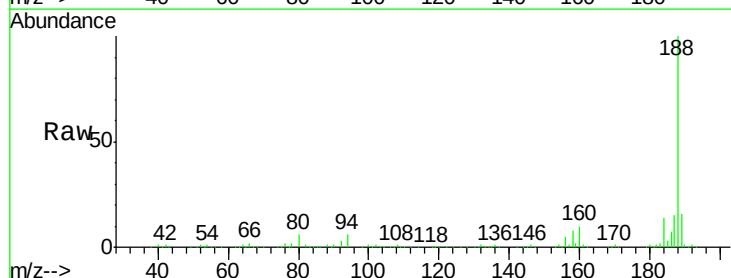


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

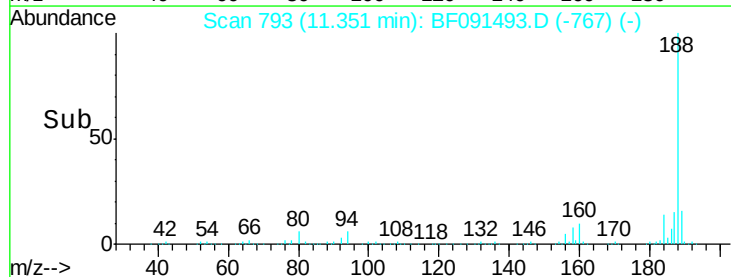
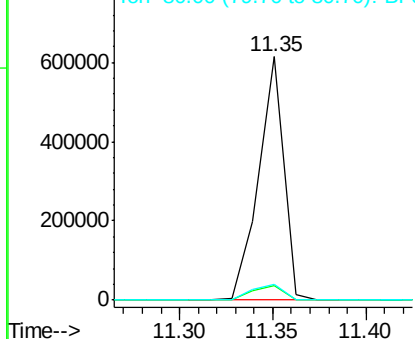


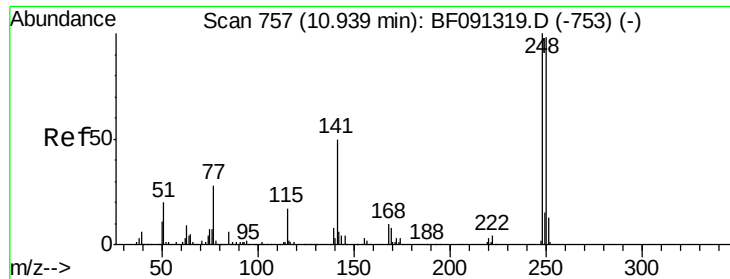
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

Tgt Ion:188 Resp: 570712
 Ion Ratio Lower Upper
 188 100
 94 6.0 9.2 13.8#
 80 6.3 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

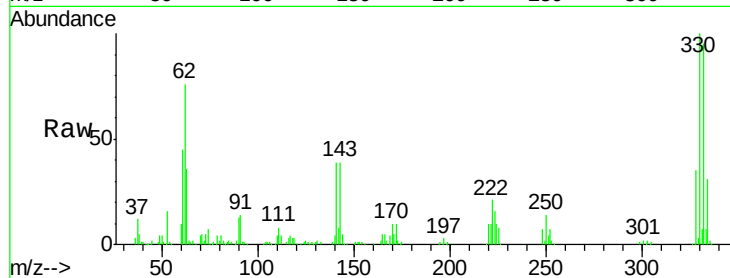




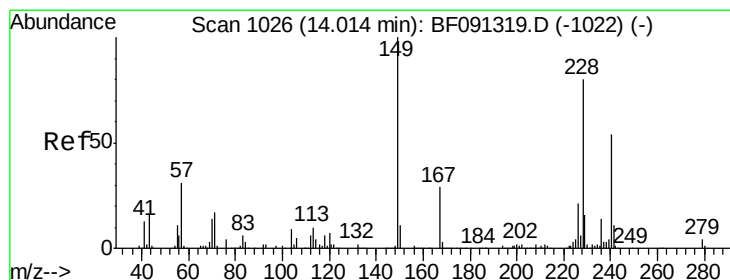
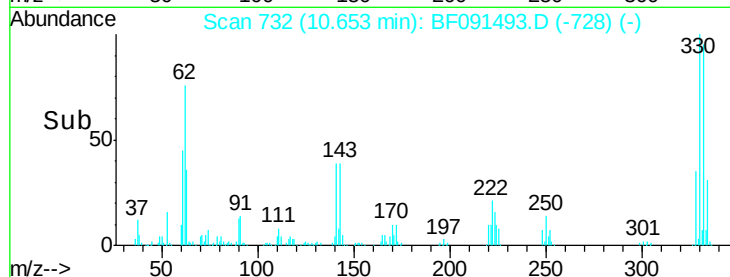
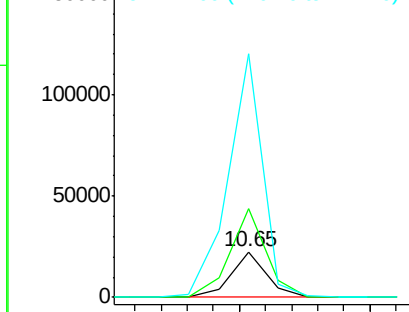
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.25 min
Lab File: BF091493.D
Acq: 8 Dec 2016 2:17

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-02-01

Tgt Ion:248 Resp: 21415
Ion Ratio Lower Upper
248 100
250 194.2 78.2 117.4#
141 532.0 71.9 107.9#

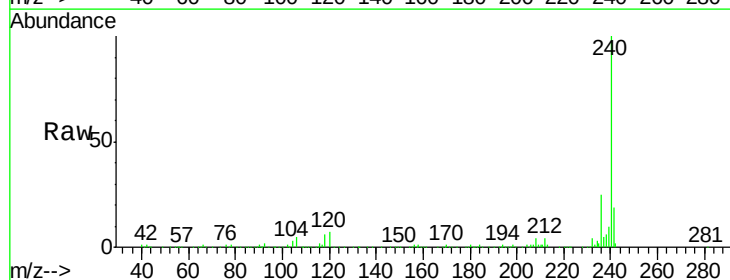


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

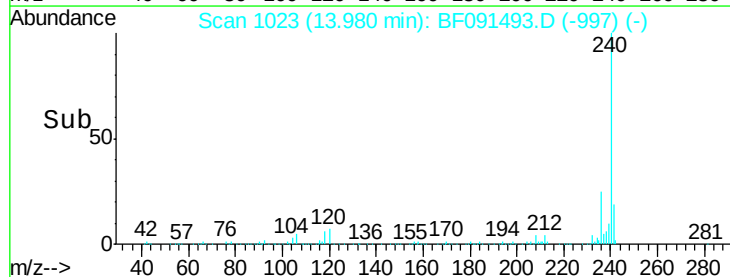
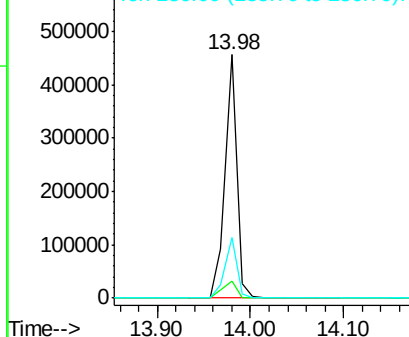


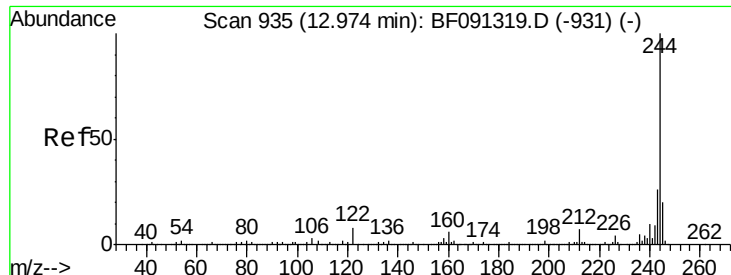
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091493.D
Acq: 8 Dec 2016 2:17

Tgt Ion:240 Resp: 402457
Ion Ratio Lower Upper
240 100
120 7.1 12.1 18.1#
236 24.8 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

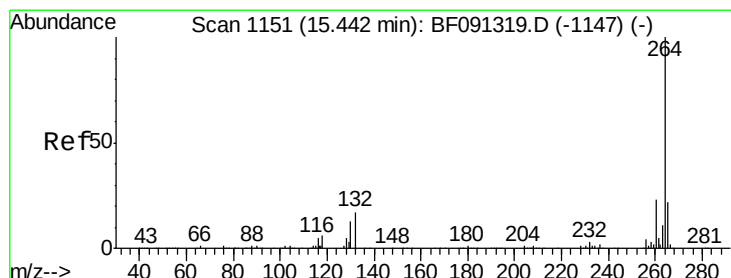
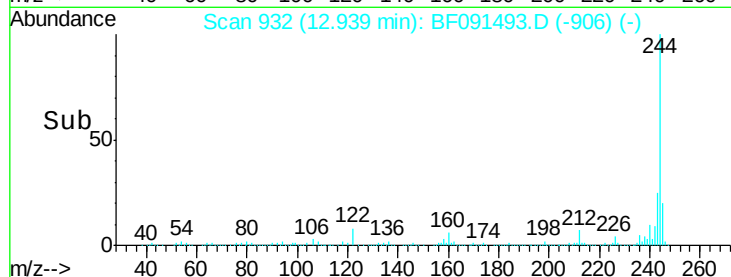
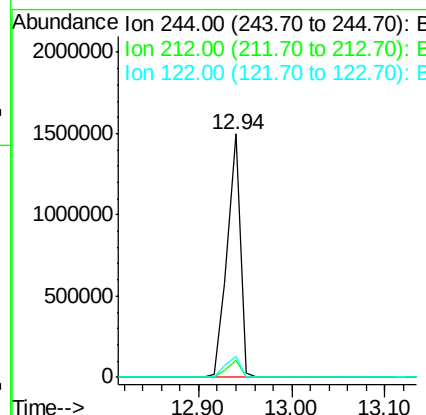
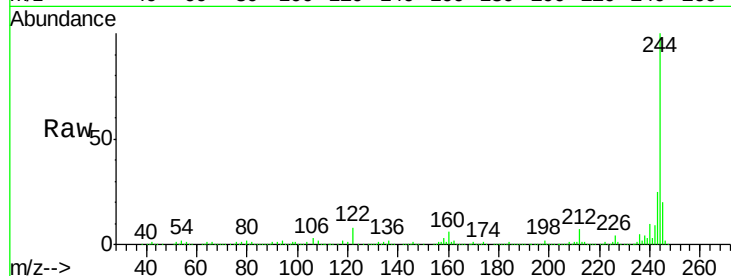




#78
 Terphenyl-d14
 Concen: 79.00 ng
 RT: 12.94 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF091493.D
 Acq: 8 Dec 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-02-01

Tgt Ion:244 Resp: 1462729
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 8.5 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: BF091493.D
 Acq: 8 Dec 2016 2:17

Tgt Ion:264 Resp: 335686
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.9 17.0 25.6

