

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091492.D
 Acq On : 8 Dec 2016 1:49
 Operator : UM/SJ
 Sample : H5867-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Dec 08 03:23:48 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

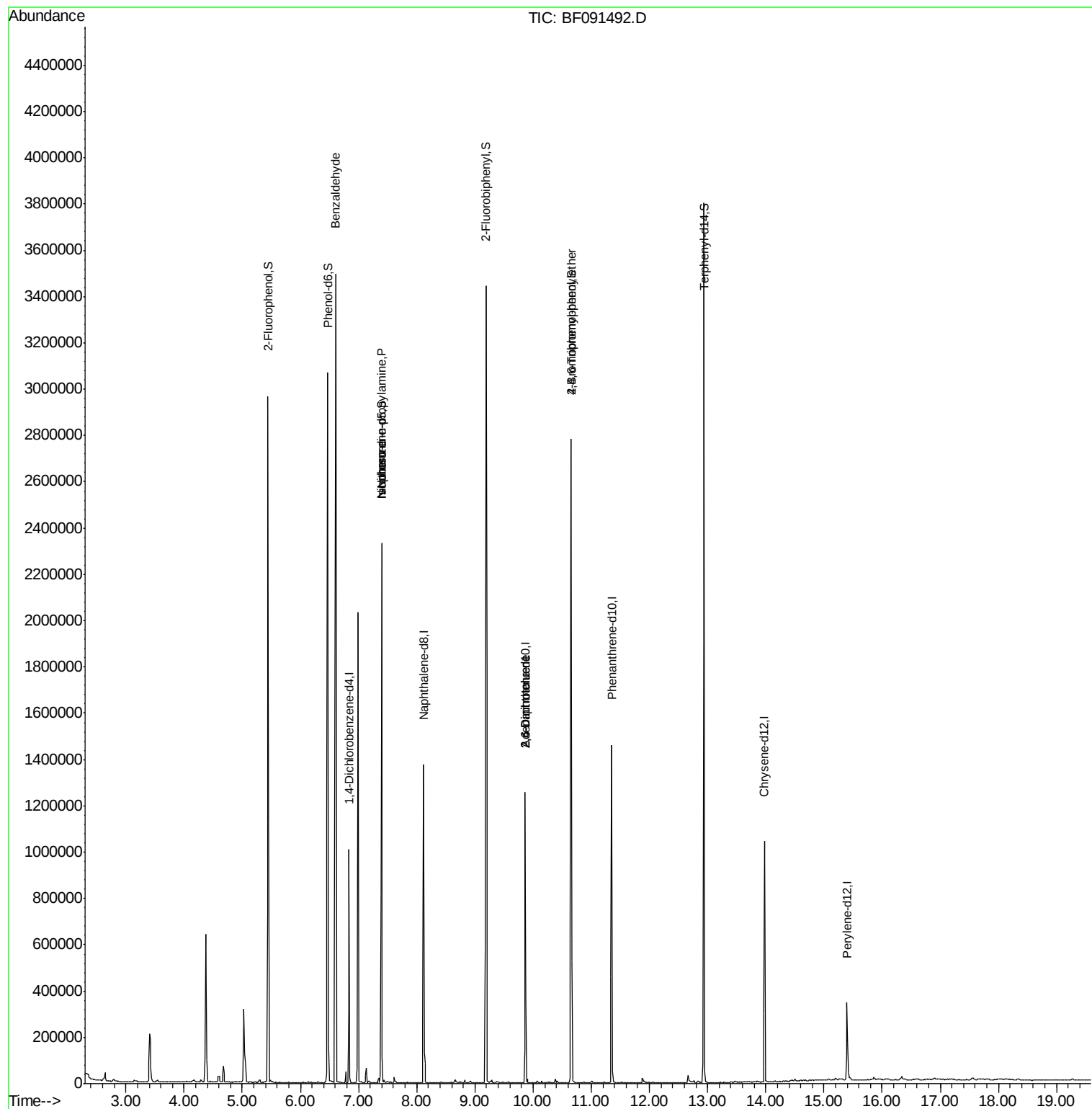
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150392	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	570673	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	283302	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	566310	20.00	ng	0.00
75) Chrysene-d12	13.98	240	355445	20.00	ng	0.00
86) Perylene-d12	15.40	264	127132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	858665	93.27	ng	0.01
7) Phenol-d6	6.47	99	927355	81.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	721422	70.84	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	338672	126.27	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1385368	88.54	ng	-0.01
78) Terphenyl-d14	12.94	244	1396399	85.39	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	24668	3.38	ng	91
19) n-Nitroso-di-n-propylamine	7.40	70	100936	14.14	ng	# 72
25) Isophorone	7.40	82	537610	29.80	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	36592	9.54	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	36594	7.36	ng	# 34
66) 4-Bromophenyl-phenylether	10.65	248	21271	3.49	ng	# 1

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

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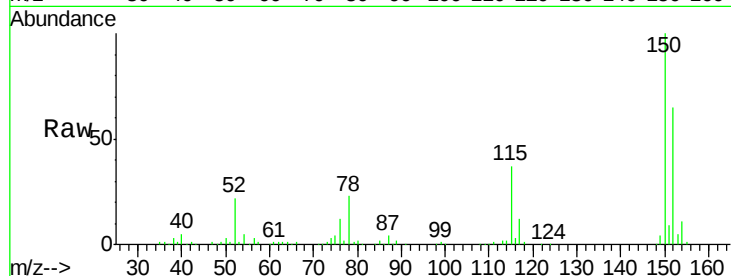




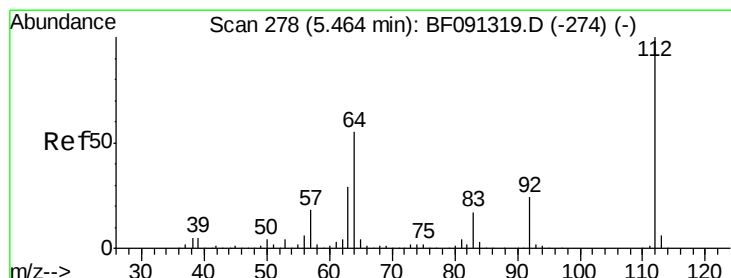
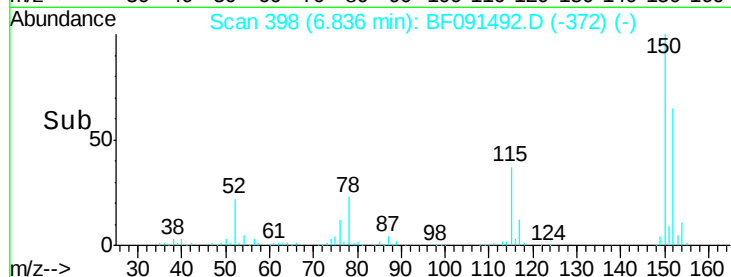
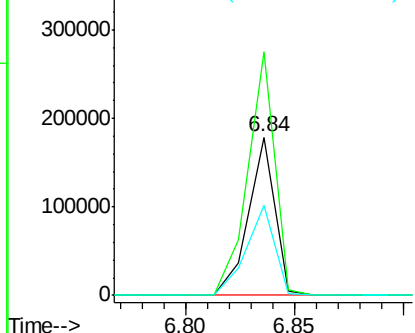
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

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

Tgt Ion:152 Resp: 150392
 Ion Ratio Lower Upper
 152 100
 150 154.3 122.5 183.7
 115 56.8 51.8 77.8

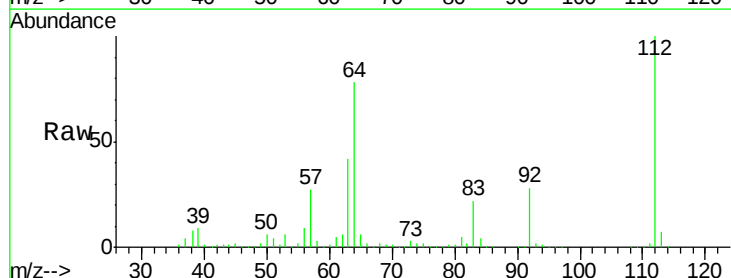


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

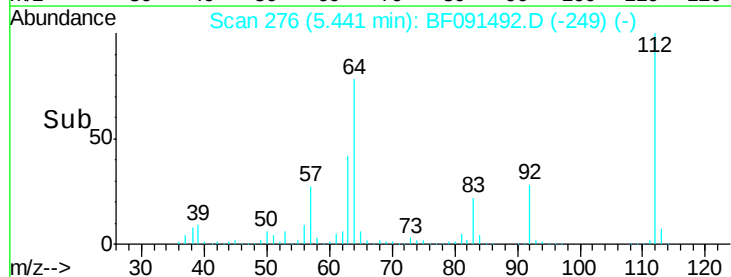
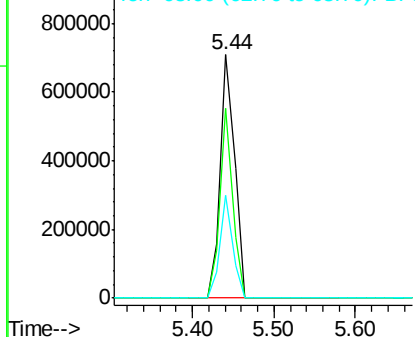


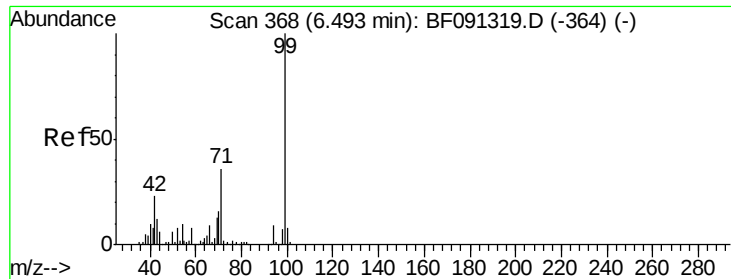
#5
 2-Fluorophenol
 Concen: 93.27 ng
 RT: 5.44 min Scan# 276
 Delta R.T. 0.01 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Tgt Ion:112 Resp: 858665
 Ion Ratio Lower Upper
 112 100
 64 78.0 61.5 92.3
 63 42.2 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: 81.83 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091492.D

Acq: 8 Dec 2016 1:49

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-02

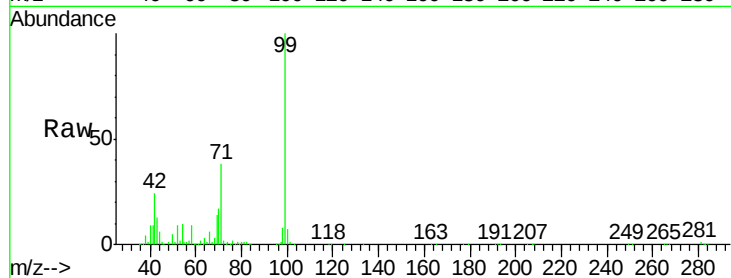
Tgt Ion: 99 Resp: 927355

Ion Ratio Lower Upper

99 100

42 24.0 20.6 31.0

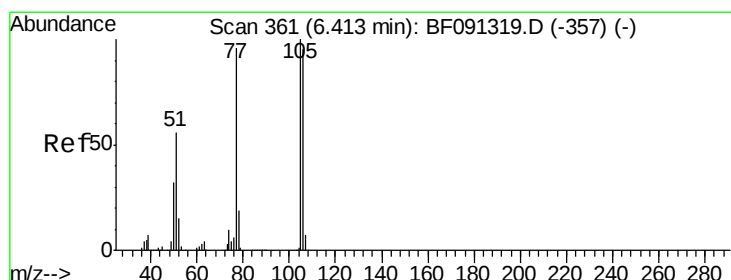
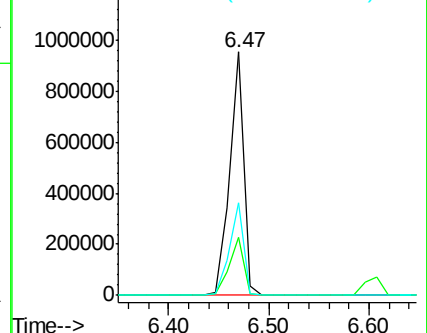
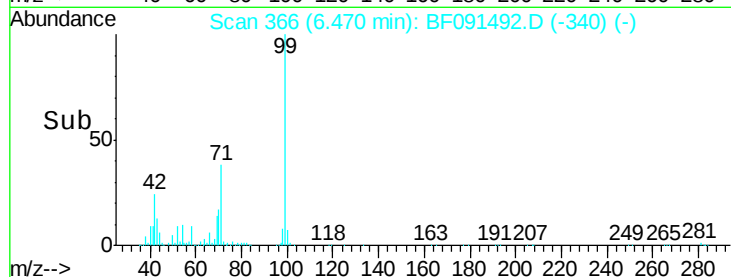
71 38.0 29.9 44.9



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: 3.38 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.23 min

Lab File: BF091492.D

Acq: 8 Dec 2016 1:49

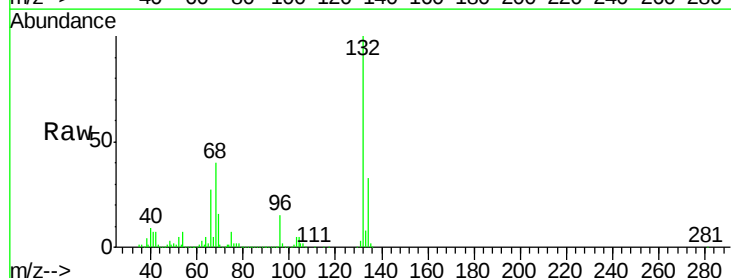
Tgt Ion: 77 Resp: 24668

Ion Ratio Lower Upper

77 100

105 76.8 66.4 106.4

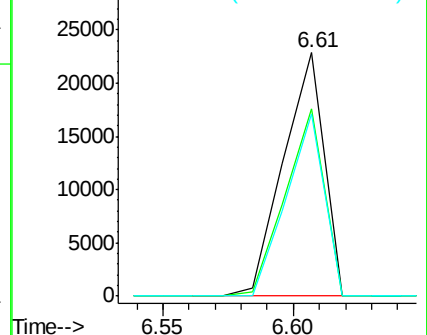
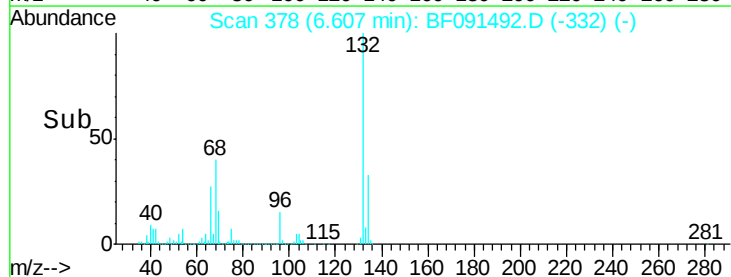
106 74.7 60.9 100.9

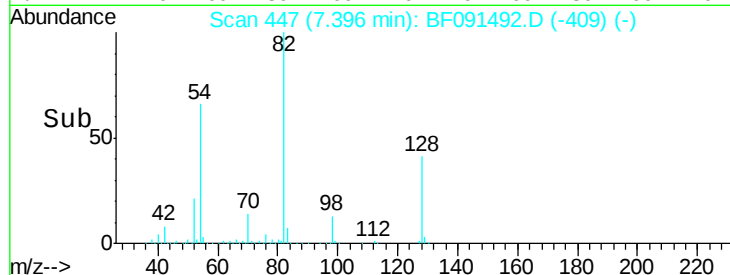
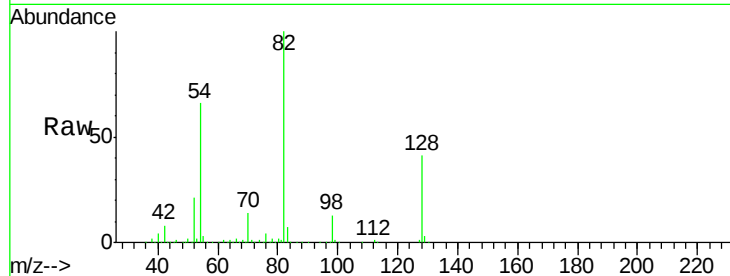
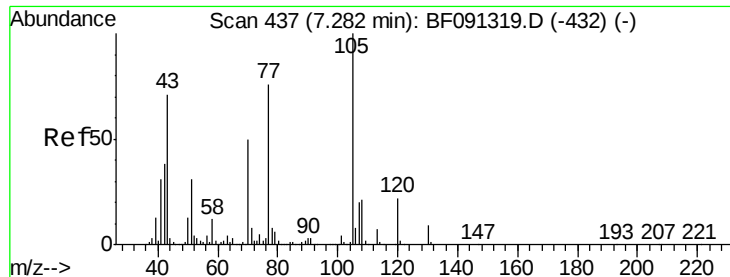


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

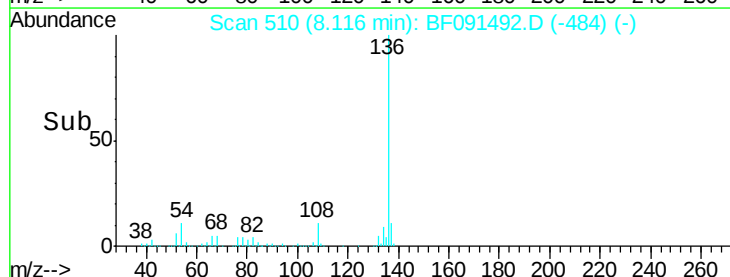
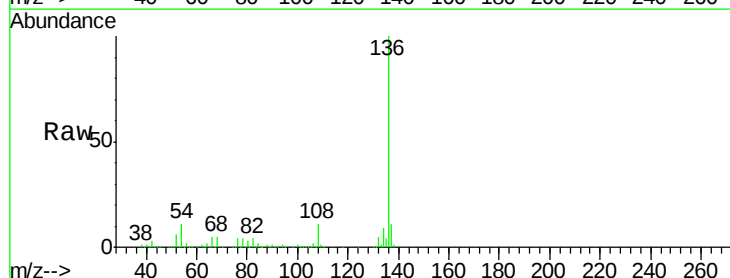
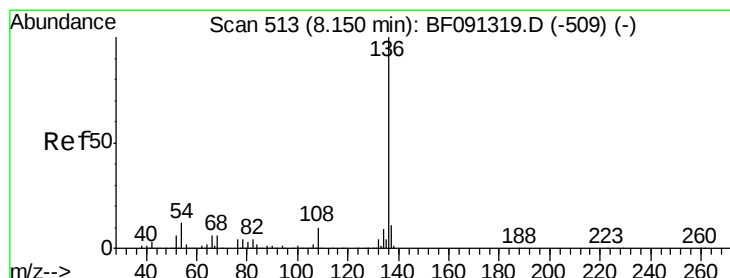
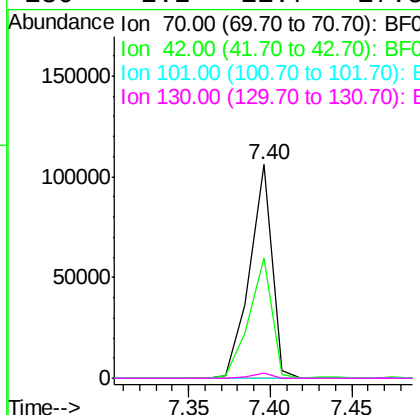




#19
n-Nitroso-di-n-propylamine
Concen: 14.14 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF091492.D
Acq: 8 Dec 2016 1:49

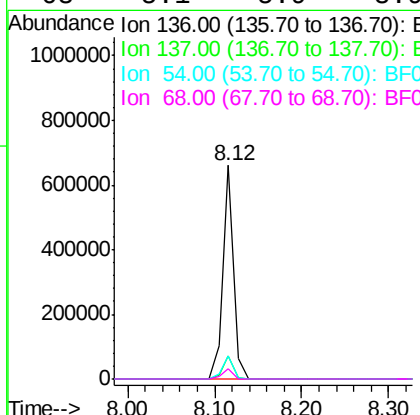
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-02

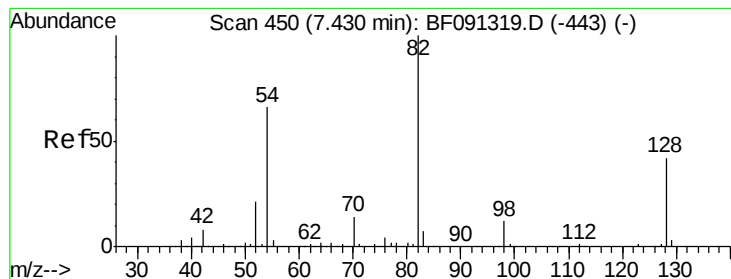
Tgt Ion: 70 Resp: 100936
Ion Ratio Lower Upper
70 100
42 56.1 64.8 97.2#
101 0.0 6.2 9.4#
130 2.2 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF091492.D
Acq: 8 Dec 2016 1:49

Tgt Ion: 136 Resp: 570673
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 11.1 9.1 13.7
68 5.1 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 70.84 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF091492.D

Acq: 8 Dec 2016 1:49

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-01-02

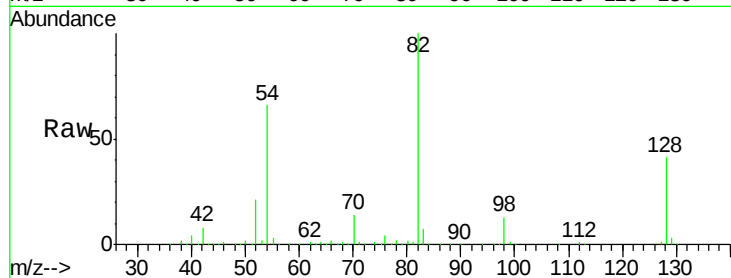
Tgt Ion: 82 Resp: 721422

Ion Ratio Lower Upper

82 100

128 40.7 31.8 47.6

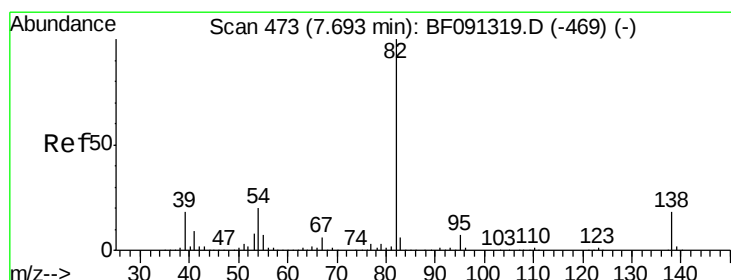
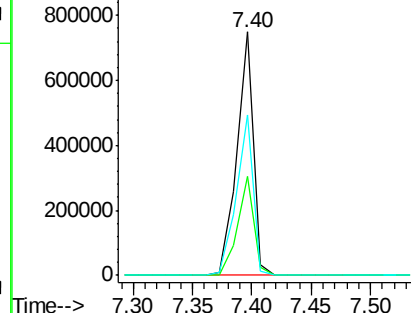
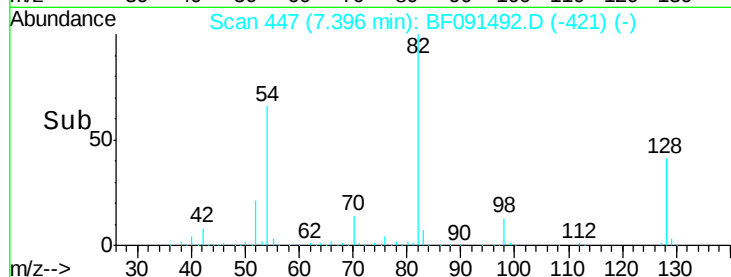
54 66.1 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 29.80 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.26 min

Lab File: BF091492.D

Acq: 8 Dec 2016 1:49

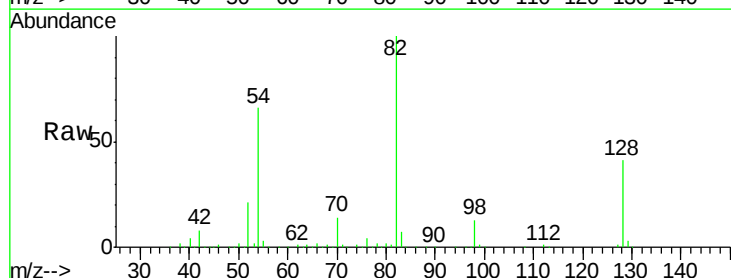
Tgt Ion: 82 Resp: 537610

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

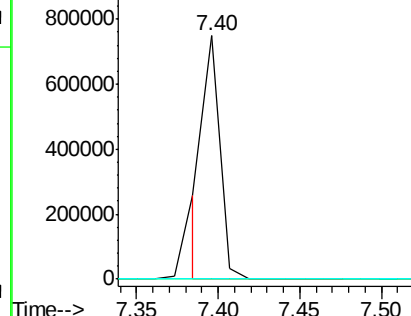
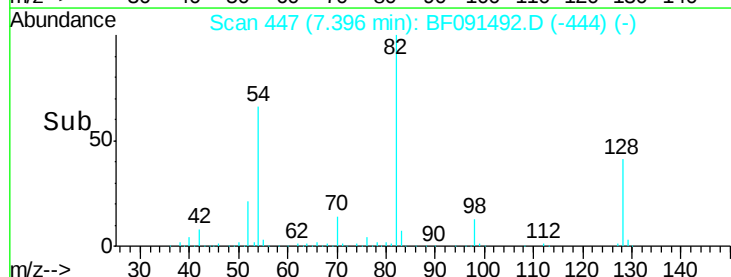
138 0.0 13.4 20.0#

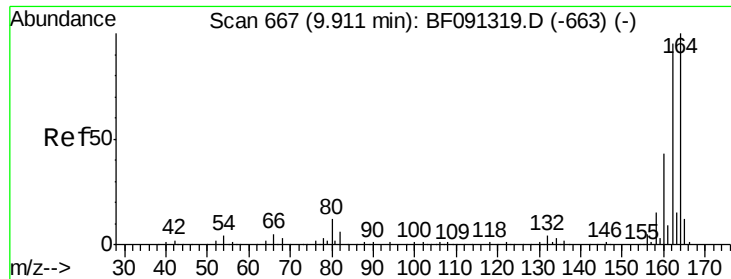


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

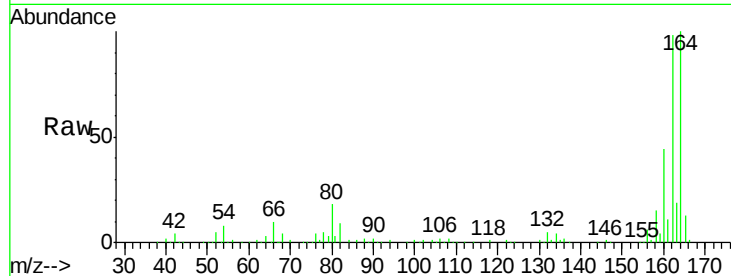




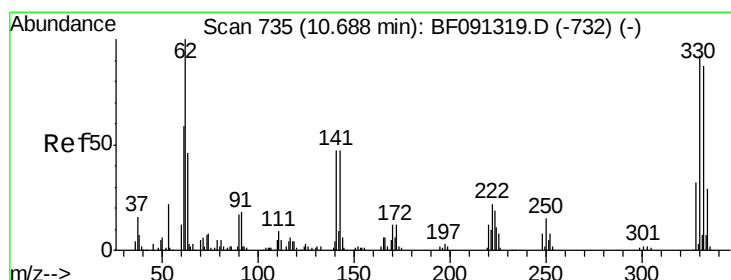
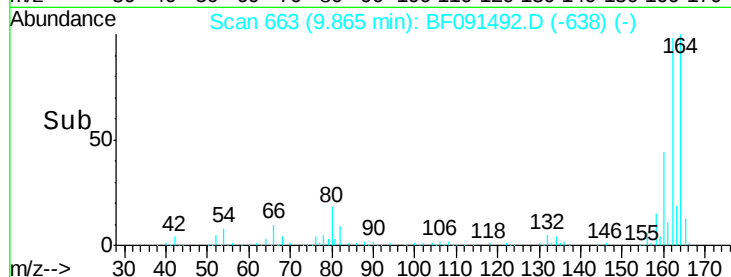
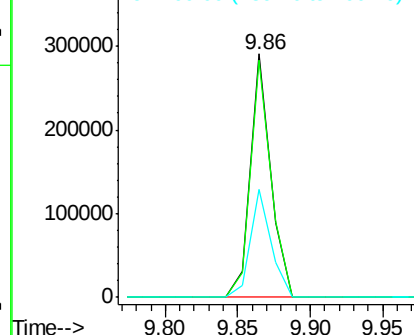
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091492.D
Acq: 8 Dec 2016 1:49

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

Tgt Ion:164 Resp: 283302
Ion Ratio Lower Upper
164 100
162 97.5 82.6 124.0
160 44.2 36.7 55.1

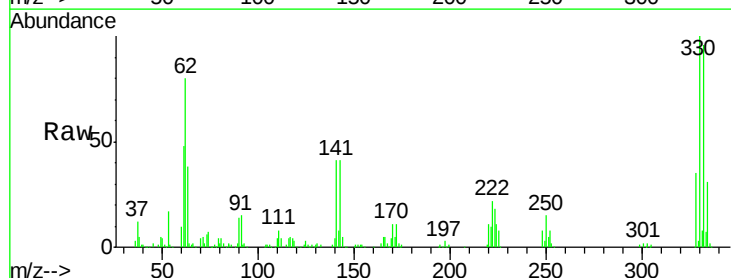


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

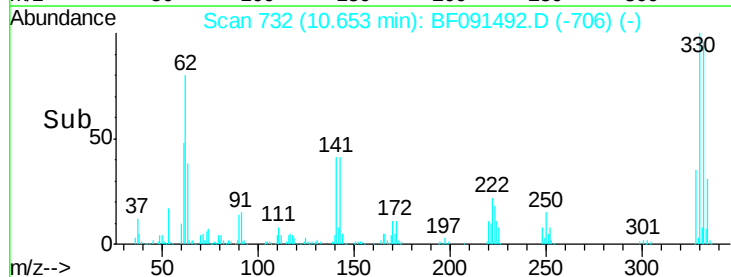
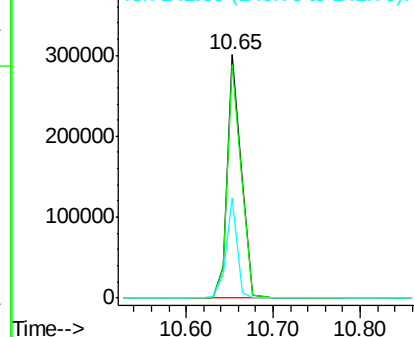


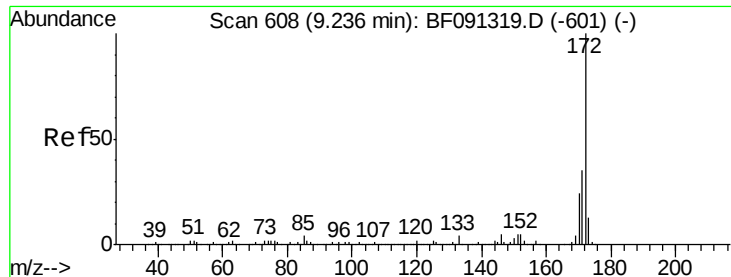
#41
2,4,6-Tribromophenol
Concen: 126.27 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091492.D
Acq: 8 Dec 2016 1:49

Tgt Ion:330 Resp: 338672
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 32.6 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

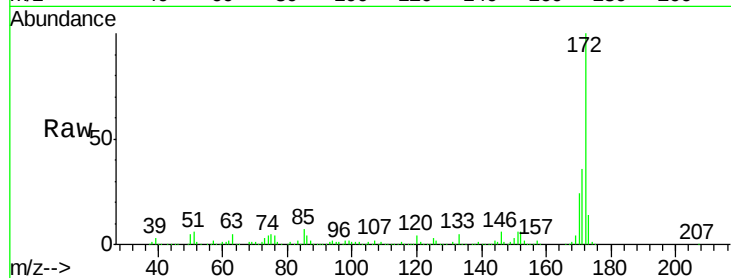




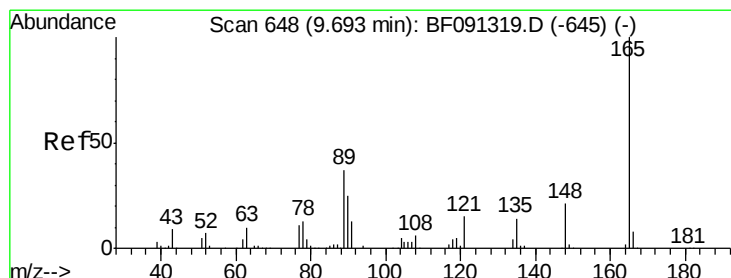
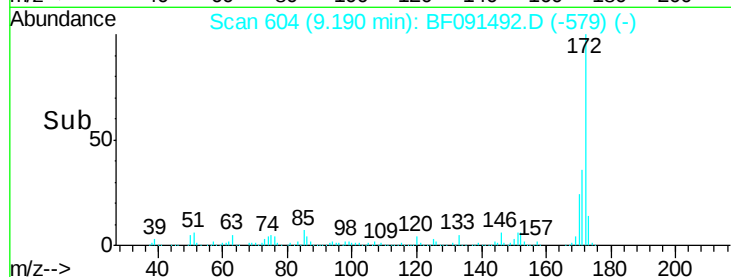
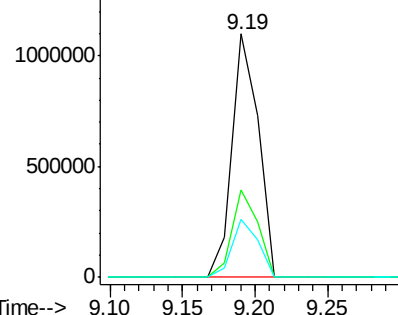
#44
 2-Fluorobiphenyl
 Concen: 88.54 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

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

Tgt Ion:172 Resp: 1385368
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.0 19.7 29.5

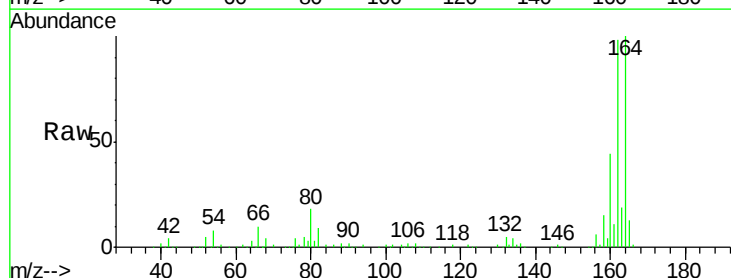


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

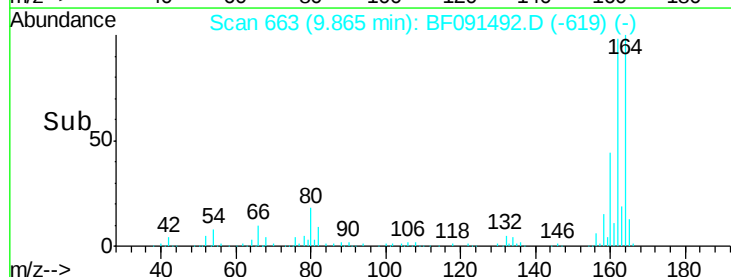
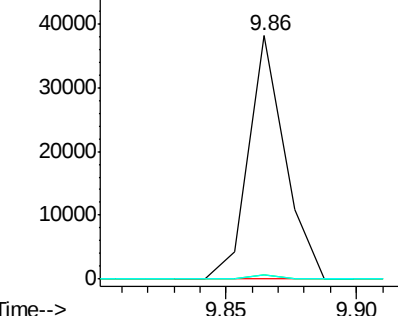


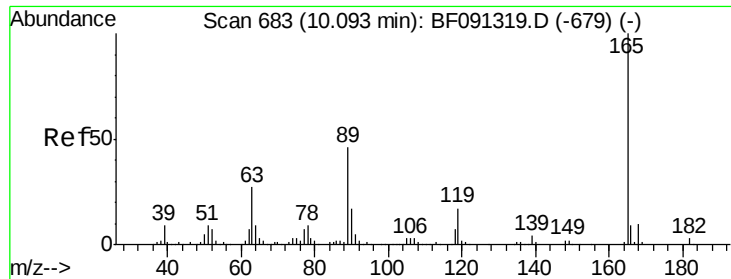
#50
 2,6-Dinitrotoluene
 Concen: 9.54 ng
 RT: 9.86 min Scan# 663
 Delta R.T. 0.21 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Tgt Ion:165 Resp: 36592
 Ion Ratio Lower Upper
 165 100
 63 1.7 59.4 89.0#
 89 1.6 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

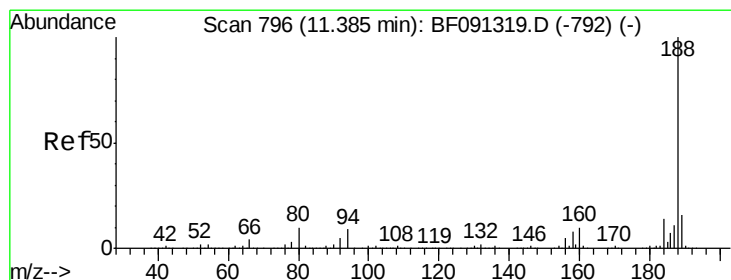
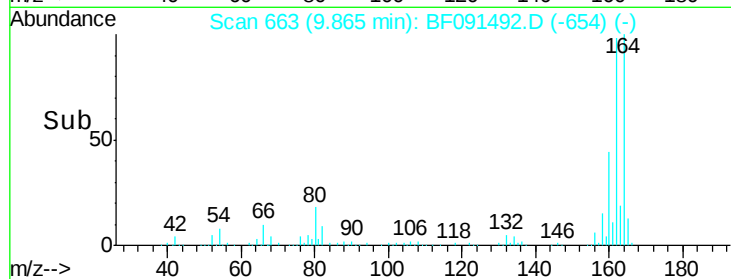
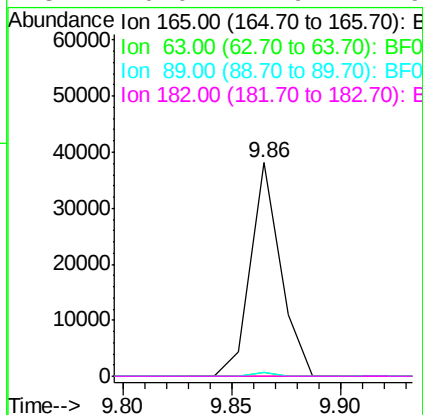
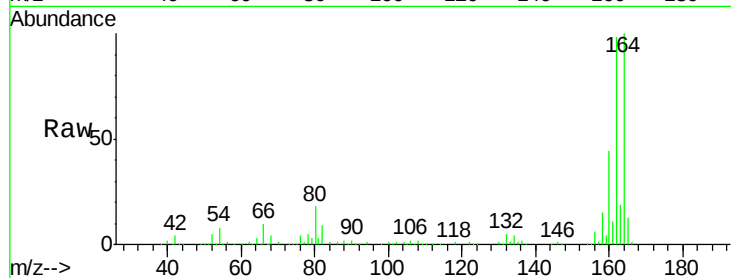




#56
 2,4-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

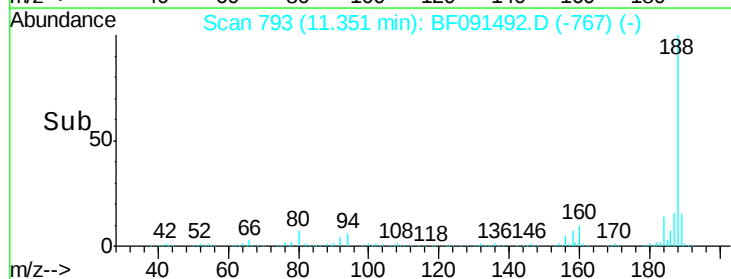
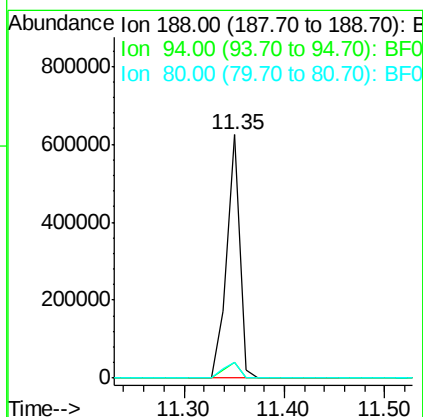
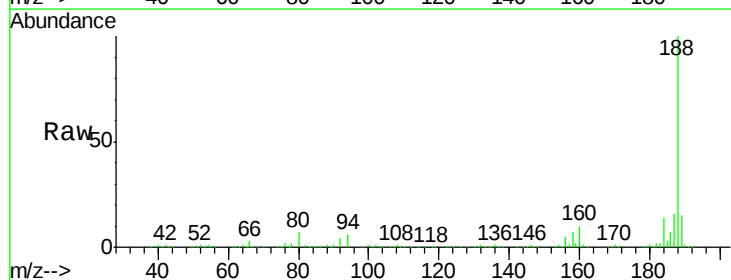
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-01-02

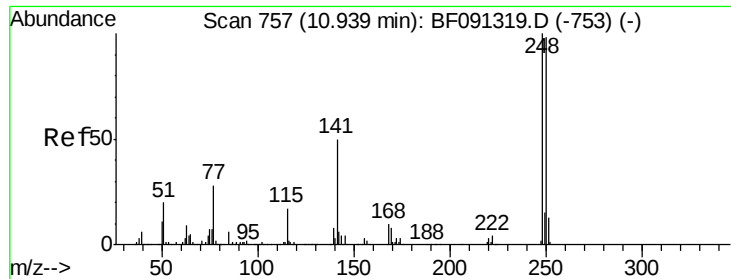
Tgt Ion:	165	Resp:	36594
Ion	Ratio	Lower	Upper
165	100		
63	1.7	29.0	43.4#
89	1.6	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

Tgt Ion:	188	Resp:	566310
Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.2	13.8#
80	6.7	10.5	15.7#

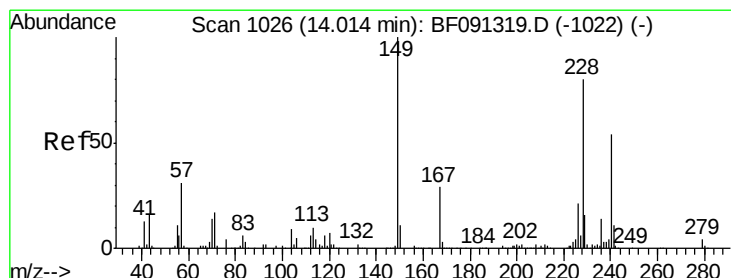
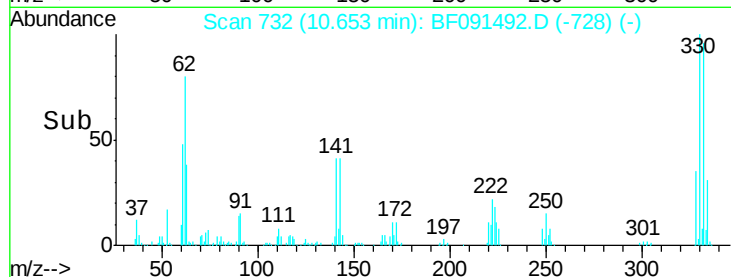
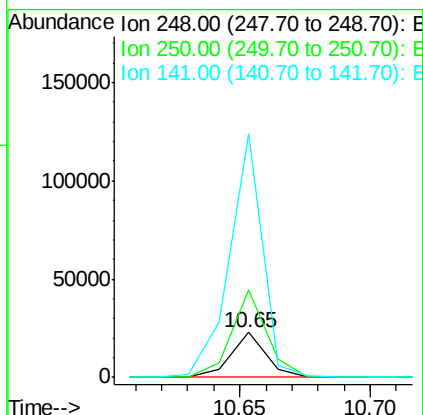
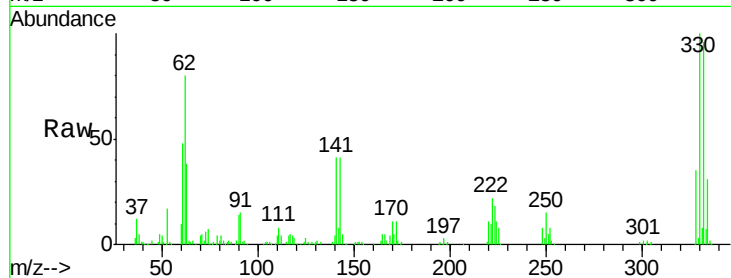




#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.25 min
Lab File: BF091492.D
Acq: 8 Dec 2016 1:49

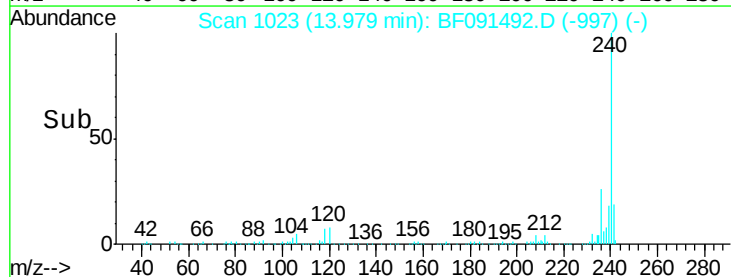
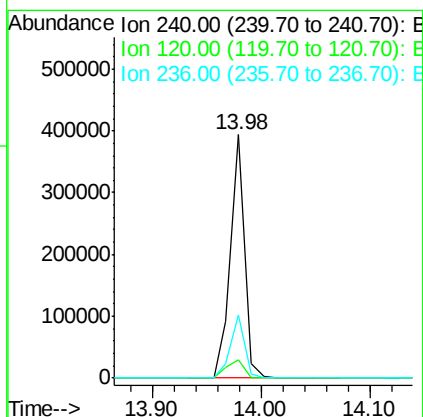
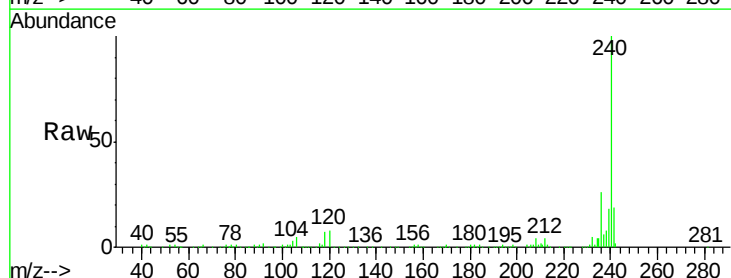
Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-02

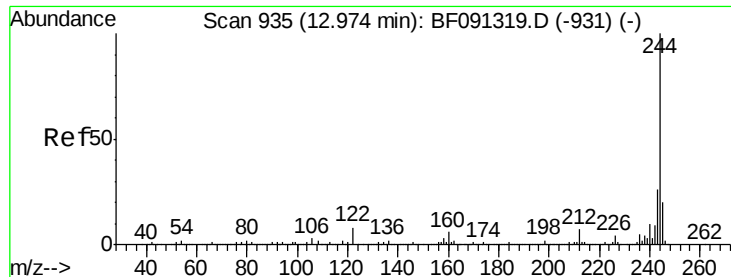
Tgt Ion:248 Resp: 21271
Ion Ratio Lower Upper
248 100
250 194.1 78.2 117.4#
141 543.2 71.9 107.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF091492.D
Acq: 8 Dec 2016 1:49

Tgt Ion:240 Resp: 355445
Ion Ratio Lower Upper
240 100
120 7.6 12.1 18.1#
236 26.1 21.0 31.6

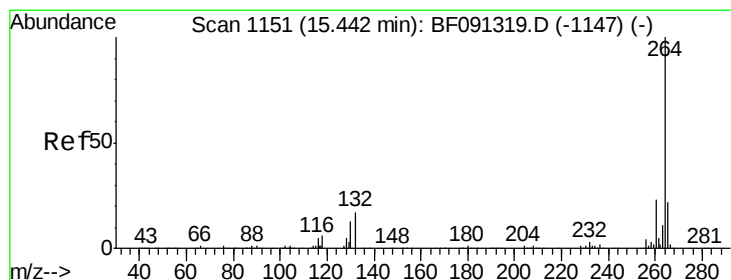
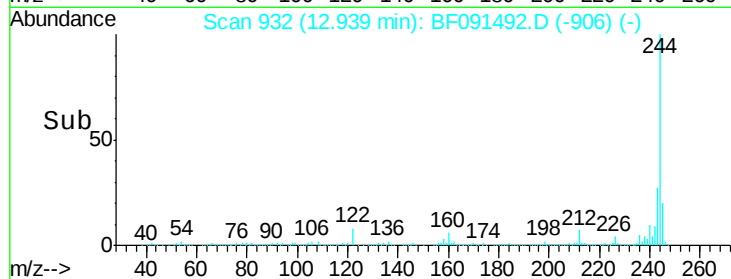
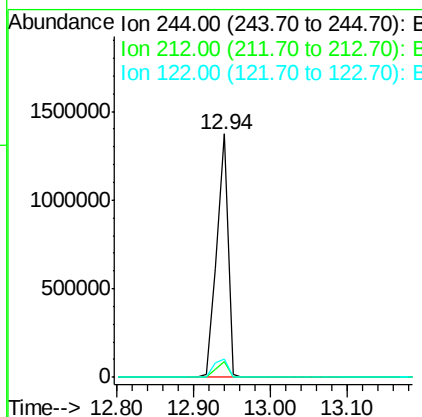
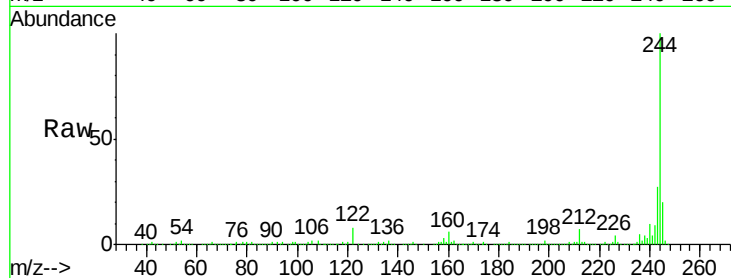




#78
 Terphenyl-d14
 Concen: 85.39 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF091492.D
 Acq: 8 Dec 2016 1:49

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

Tgt Ion:244 Resp: 1396399
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 7.5 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: BF091492.D
 Acq: 8 Dec 2016 1:49

Tgt Ion:264 Resp: 127132
 Ion Ratio Lower Upper
 264 100
 260 26.4 18.8 28.2
 265 19.9 17.0 25.6

