

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091247.D
 Acq On : 18 Nov 2016 21:46
 Operator : UM/SJ
 Sample : H5700-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF022-01

Quant Time: Nov 18 23:19:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 22:22:57 2016
 Response via : Initial Calibration

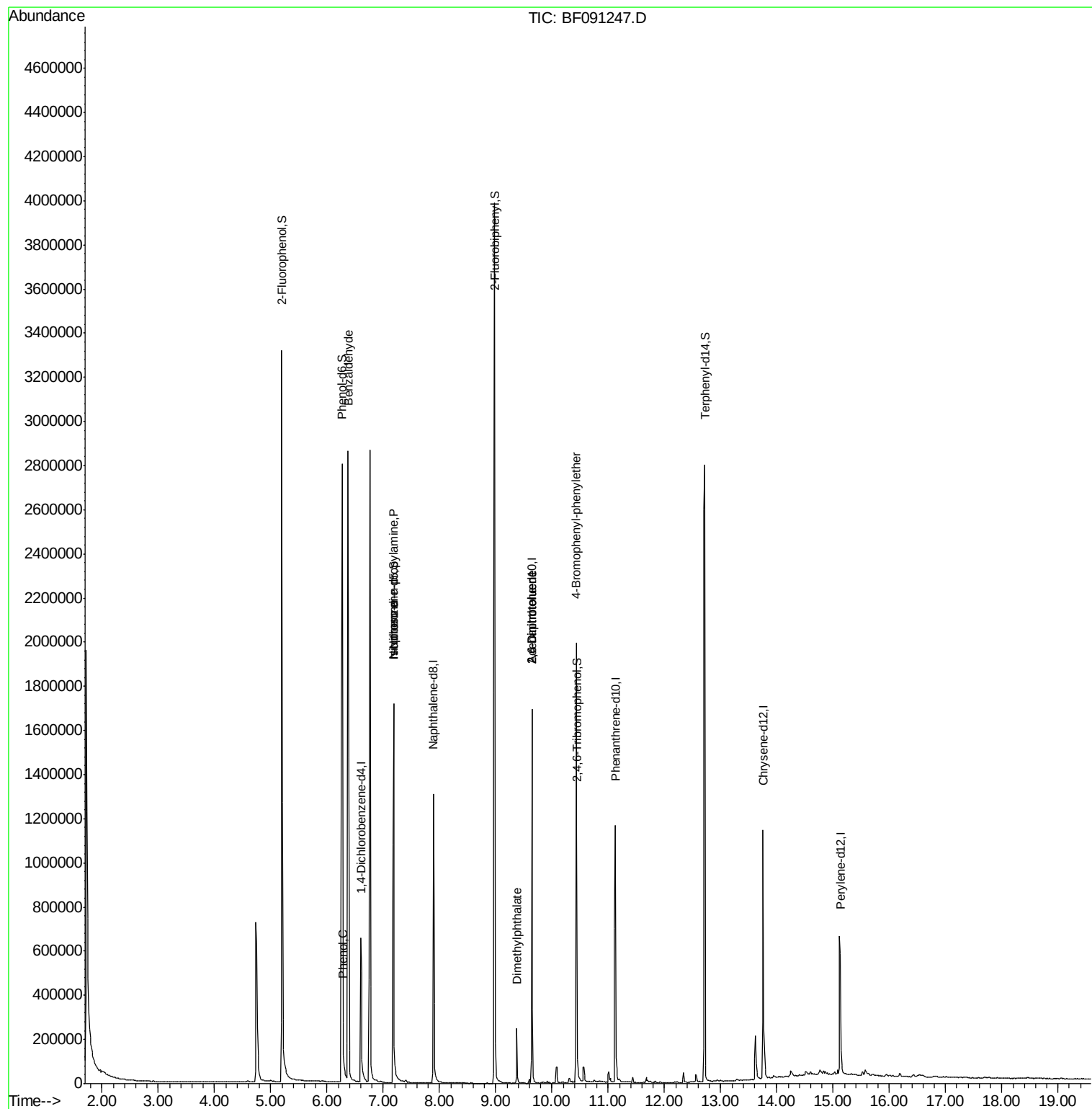
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	165820	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	688359	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	359524	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	578912	20.00	ng	0.00
75) Chrysene-d12	13.76	240	419944	20.00	ng	-0.01
86) Perylene-d12	15.13	264	347417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1142412	113.78	ng	0.01
7) Phenol-d6	6.27	99	1384882	101.62	ng	0.00
23) Nitrobenzene-d5	7.18	82	842423	66.76	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	366725	112.83	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1494610	71.57	ng	0.00
78) Terphenyl-d14	12.72	244	1399718	83.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	19727	2.61	ng	Qvalue 88
10) Phenol	6.28	94	42251	2.80	ng	# 56
19) n-Nitroso-di-n-propylamine	7.18	70	106747	11.30	ng	# 71
25) Isophorone	7.18	82	840863	34.58	ng	# 67
49) Dimethylphthalate	9.38	163	114861	4.87	ng	97
50) 2,6-Dinitrotoluene	9.64	165	46853	9.27	ng	# 11
56) 2,4-Dinitrotoluene	9.64	165	46855	7.29	ng	# 26
66) 4-Bromophenyl-phenylether	10.43	248	21264	3.53	ng	# 1

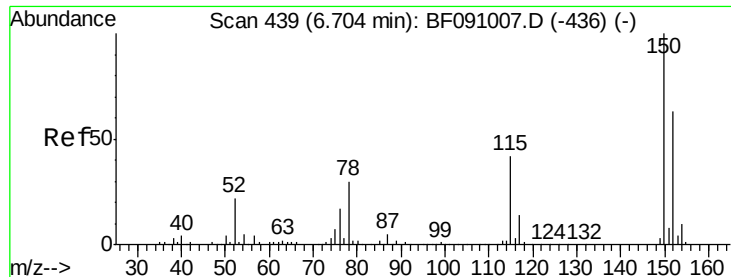
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
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V001-BF022-01

Quant Time: Nov 18 23:19:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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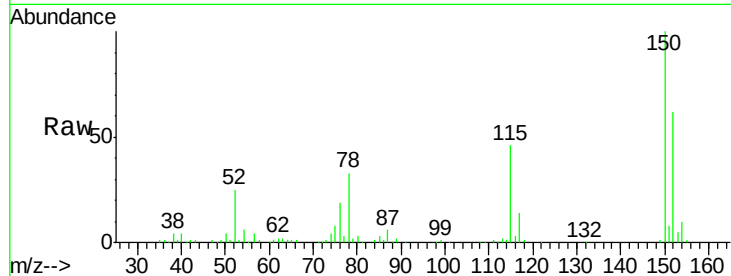


#1

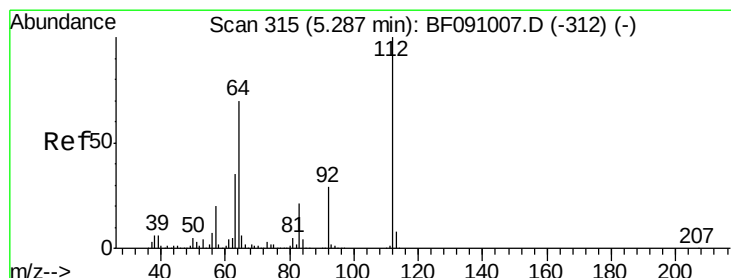
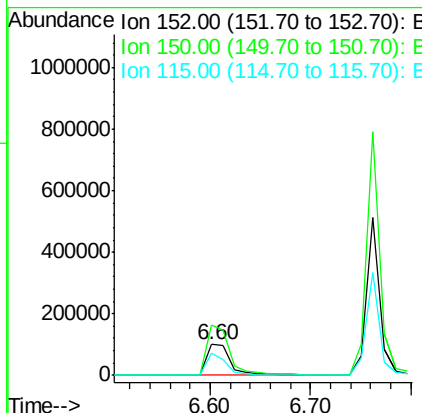
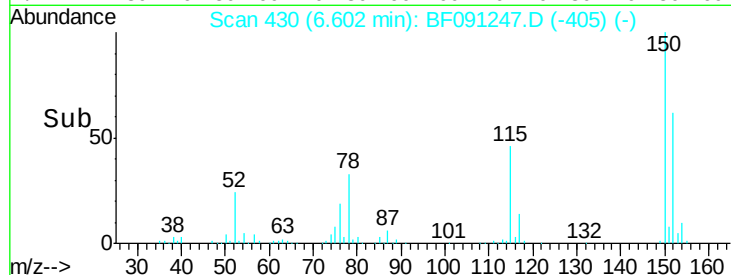
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF091247.D
Acq: 18 Nov 2016 21:46

Instrument :
BNA_F
ClientSampleId :
V001-BF022-01

Tgt Ion:152 Resp: 165820
Ion Ratio Lower Upper
152 100
150 162.3 126.8 190.2
115 74.0 53.3 79.9



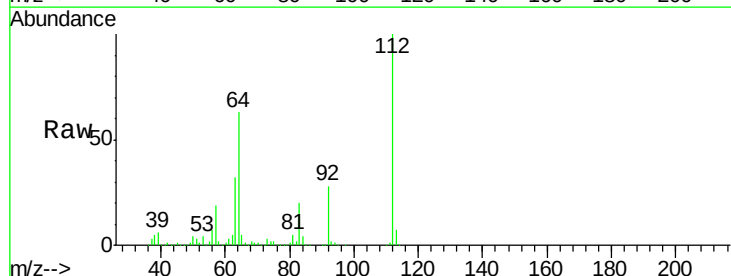
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



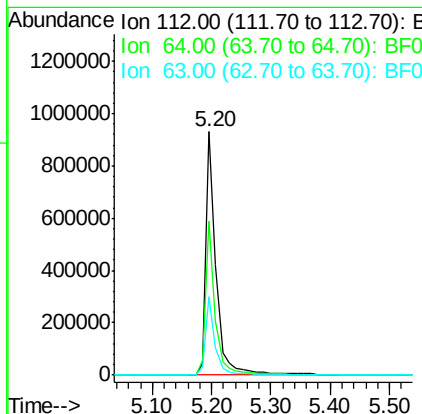
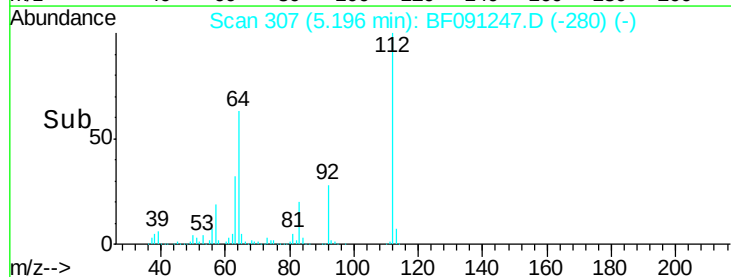
#5

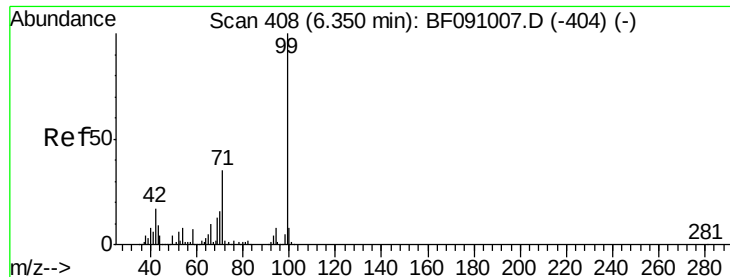
2-Fluorophenol
Concen: 113.78 ng
RT: 5.20 min Scan# 307
Delta R.T. 0.01 min
Lab File: BF091247.D
Acq: 18 Nov 2016 21:46

Tgt Ion:112 Resp: 1142412
Ion Ratio Lower Upper
112 100
64 63.2 55.8 83.6
63 32.2 28.0 42.0



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: 101.62 ng

RT: 6.27 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF091247.D

Acq: 18 Nov 2016 21:46

Instrument :

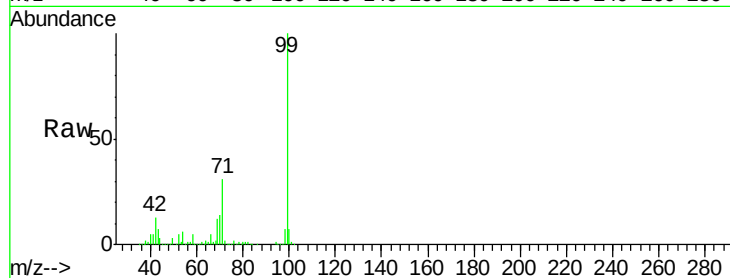
BNA_F

ClientSampleId :

V001-BF022-01

Tgt Ion: 99 Resp: 1384882

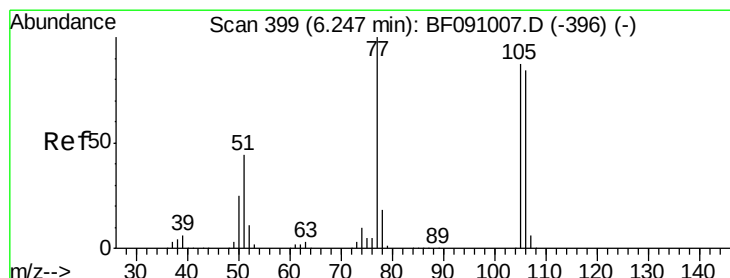
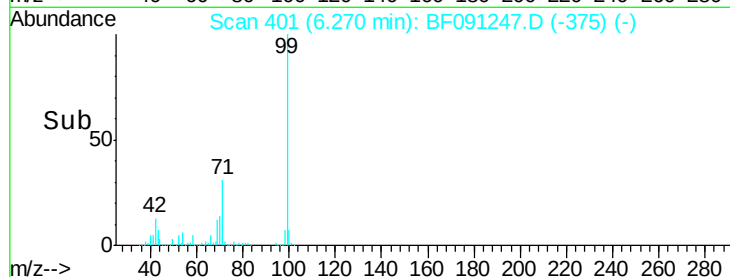
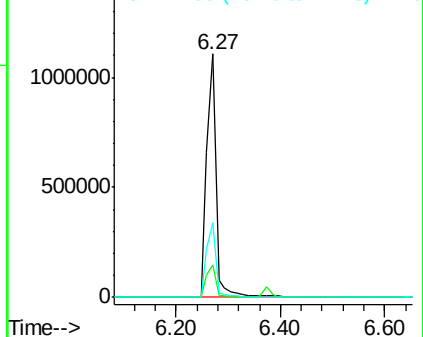
Ion	Ratio	Lower	Upper
99	100		
42	13.2	13.9	20.9#
71	30.7	27.8	41.8



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: 2.61 ng

RT: 6.37 min Scan# 410

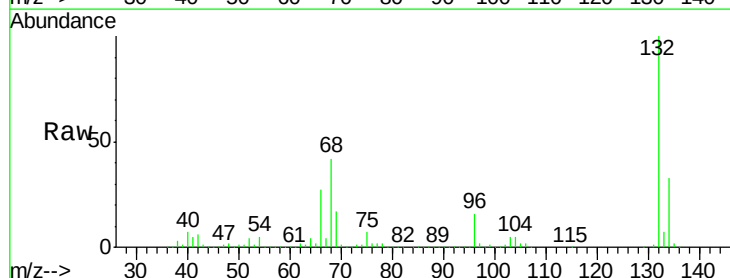
Delta R.T. 0.22 min

Lab File: BF091247.D

Acq: 18 Nov 2016 21:46

Tgt Ion: 77 Resp: 19727

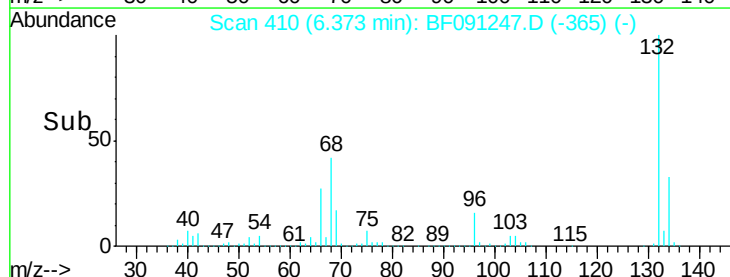
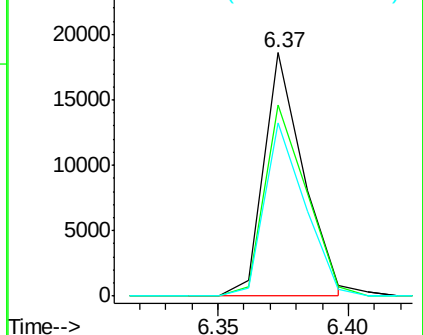
Ion	Ratio	Lower	Upper
77	100		
105	78.8	66.8	106.8
106	70.9	64.0	104.0

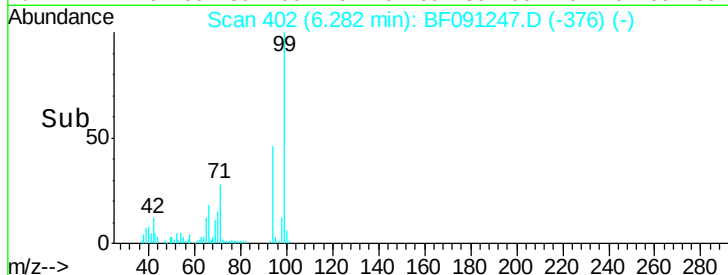
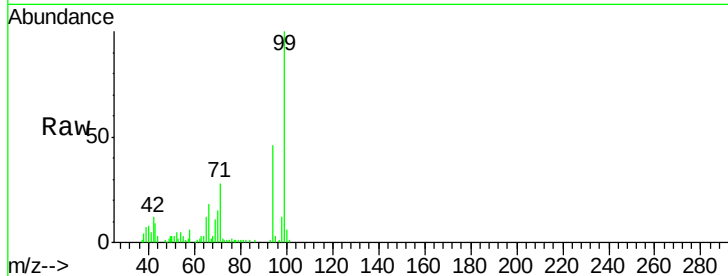
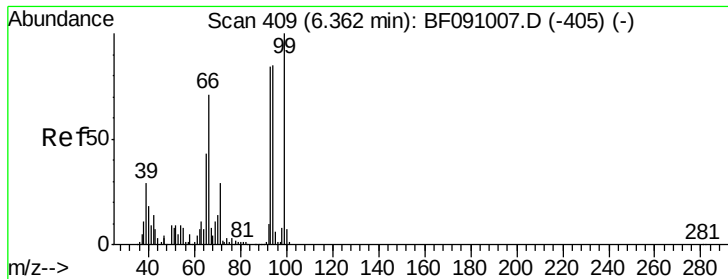


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.80 ng

RT: 6.28 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF091247.D

Acq: 18 Nov 2016 21:46

Instrument :

BNA_F

ClientSampleId :

V001-BF022-01

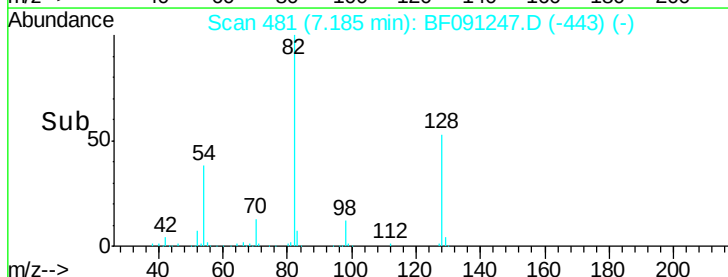
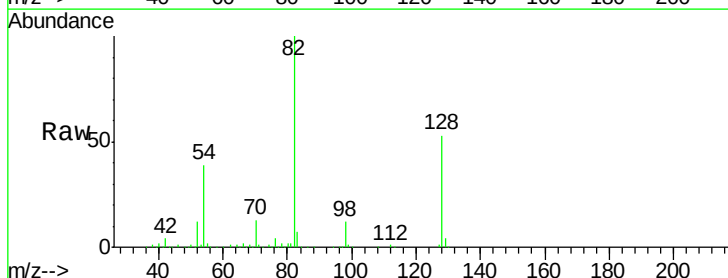
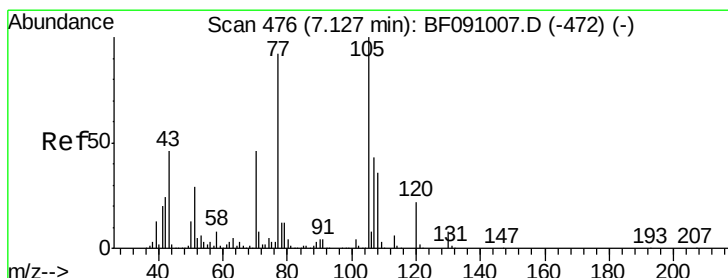
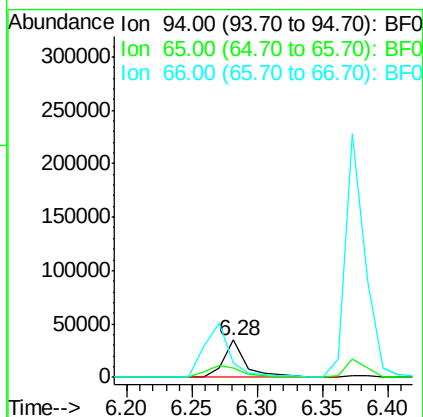
Tgt Ion: 94 Resp: 42251

Ion Ratio Lower Upper

94 100

65 25.2 30.4 70.4#

66 39.6 62.9 102.9#



#19

n-Nitroso-di-n-propylamine

Concen: 11.30 ng

RT: 7.18 min Scan# 481

Delta R.T. 0.14 min

Lab File: BF091247.D

Acq: 18 Nov 2016 21:46

Tgt Ion: 70 Resp: 106747

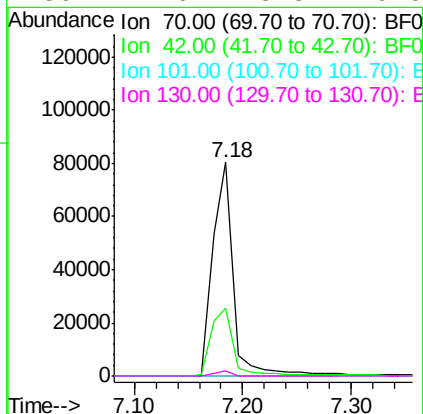
Ion Ratio Lower Upper

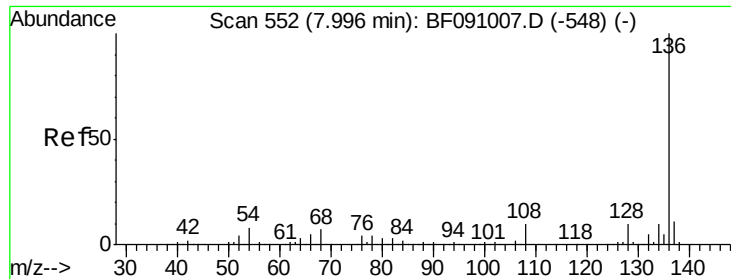
70 100

42 31.7 41.7 62.5#

101 0.0 6.7 10.1#

130 2.6 13.8 20.8#

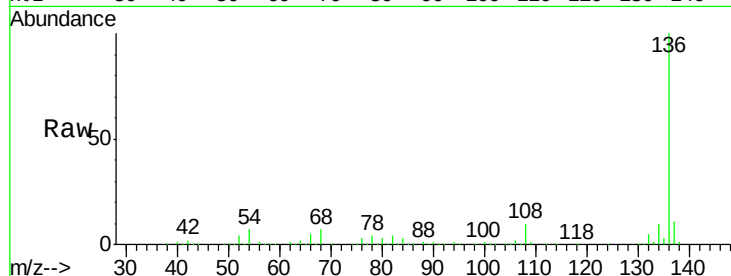




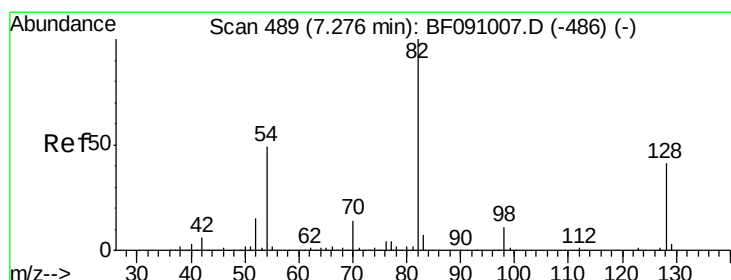
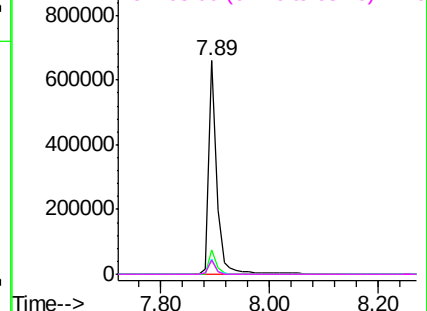
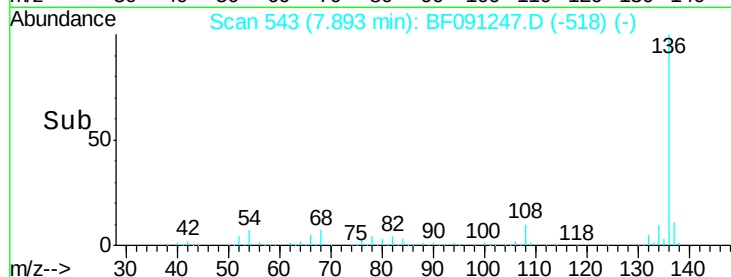
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF091247.D
Acq: 18 Nov 2016 21:46

Instrument :
BNA_F
ClientSampleId :
V001-BF022-01

Tgt Ion:	136	Resp:	688359
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	6.2	9.2
68	6.8	5.5	8.3

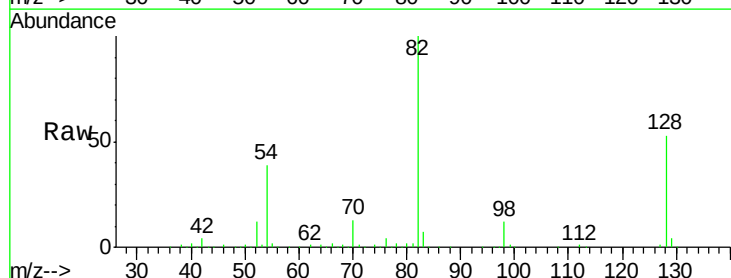


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

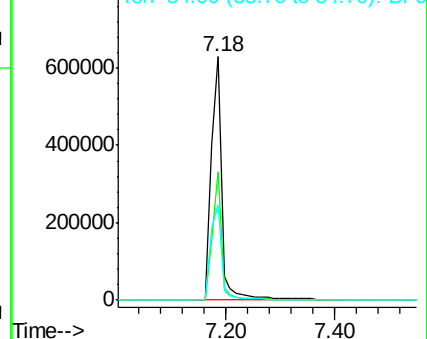
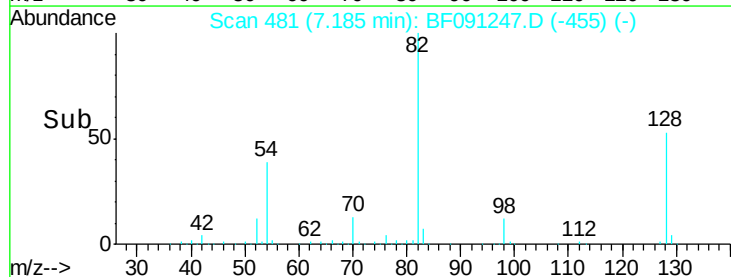


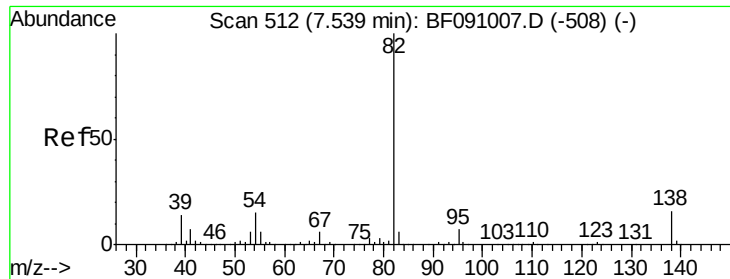
#23
Nitrobenzene-d5
Concen: 66.76 ng
RT: 7.18 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF091247.D
Acq: 18 Nov 2016 21:46

Tgt Ion:	82	Resp:	842423
Ion	Ratio	Lower	Upper
82	100		
128	52.7	32.4	48.6#
54	39.2	39.2	58.8#



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: 34.58 ng

RT: 7.18 min Scan# 481

Delta R.T. -0.26 min

Lab File: BF091247.D

Acq: 18 Nov 2016 21:46

Instrument :

BNA_F

ClientSampleId :

V001-BF022-01

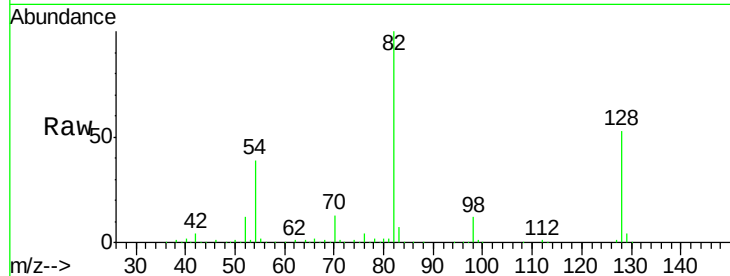
Tgt Ion: 82 Resp: 840863

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

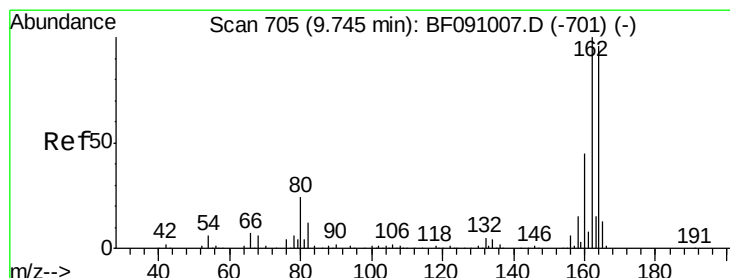
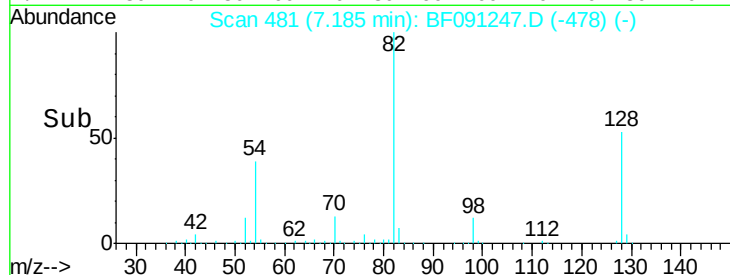
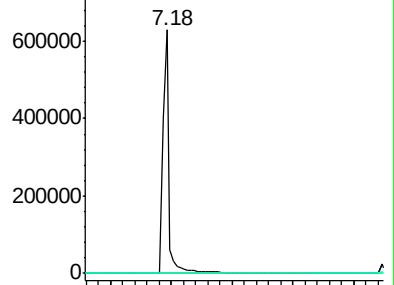
138 0.0 13.0 19.4#



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: 9.64 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF091247.D

Acq: 18 Nov 2016 21:46

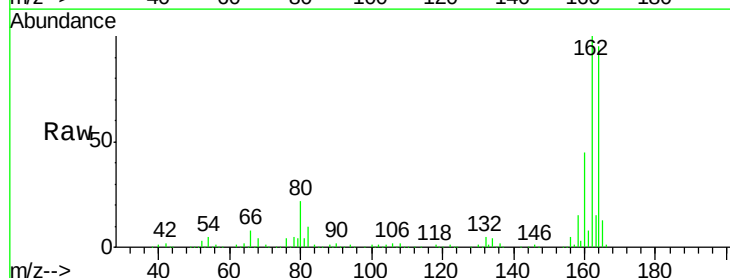
Tgt Ion: 164 Resp: 359524

Ion Ratio Lower Upper

164 100

162 104.8 83.6 125.4

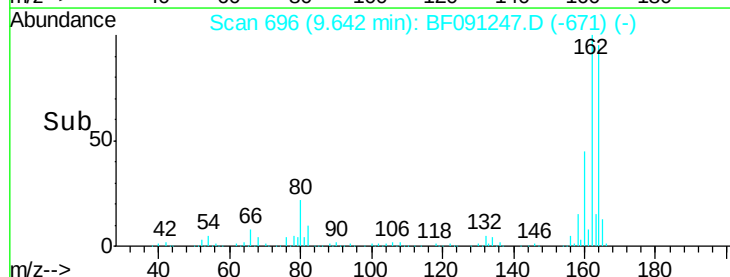
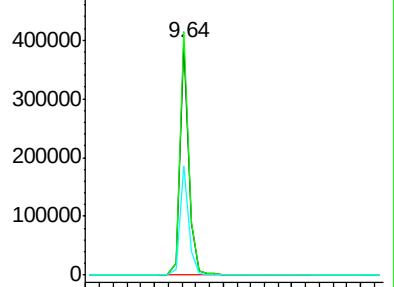
160 47.1 37.9 56.9

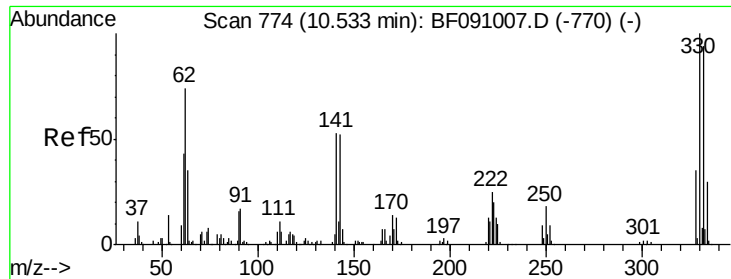


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

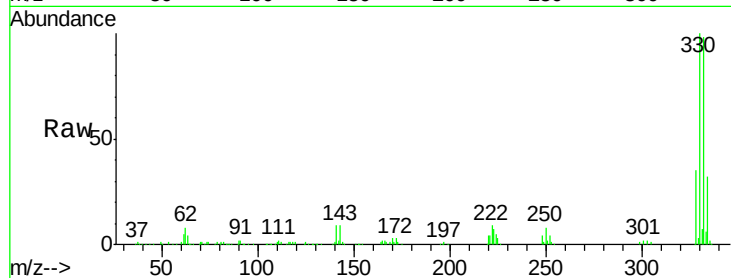




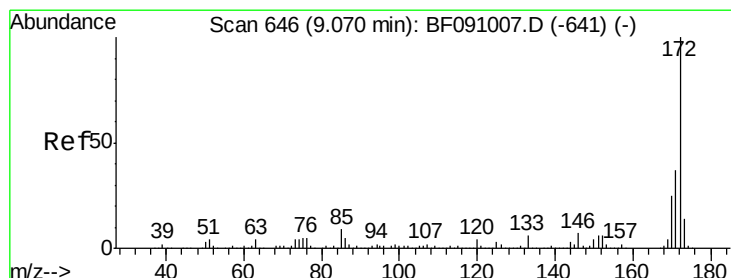
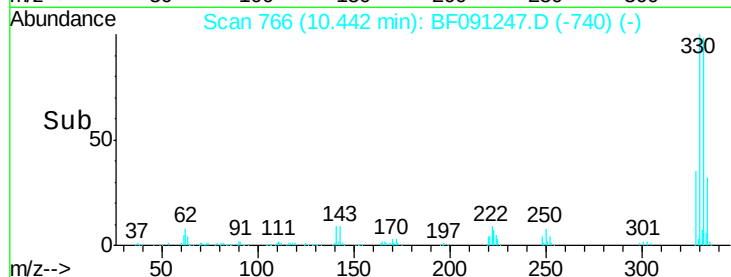
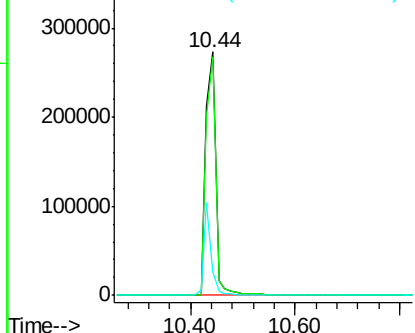
#41
 2,4,6-Tribromophenol
 Concen: 112.83 ng
 RT: 10.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF091247.D
 Acq: 18 Nov 2016 21:46

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF022-01

Tgt Ion:330 Resp: 366725
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.9 113.9
 141 27.7 36.1 54.1#

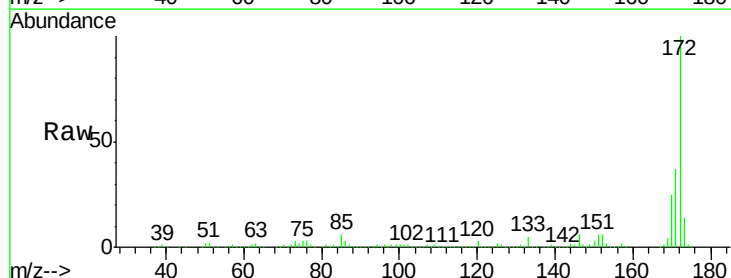


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

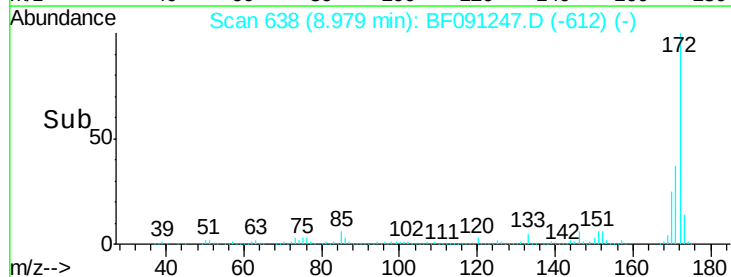
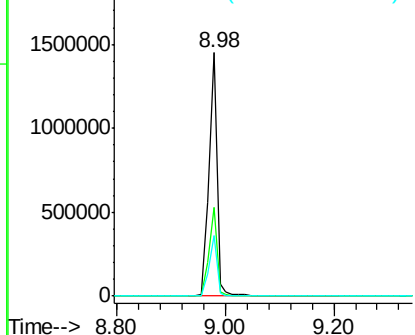


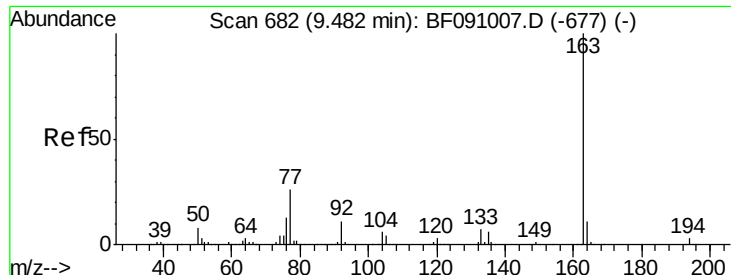
#44
 2-Fluorobiphenyl
 Concen: 71.57 ng
 RT: 8.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF091247.D
 Acq: 18 Nov 2016 21:46

Tgt Ion:172 Resp: 1494610
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 25.1 20.3 30.5



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





#49

Dimethylphthalate

Concen: 4.87 ng

RT: 9.38 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091247.D

Acq: 18 Nov 2016 21:46

Instrument :

BNA_F

ClientSampleId :

V001-BF022-01

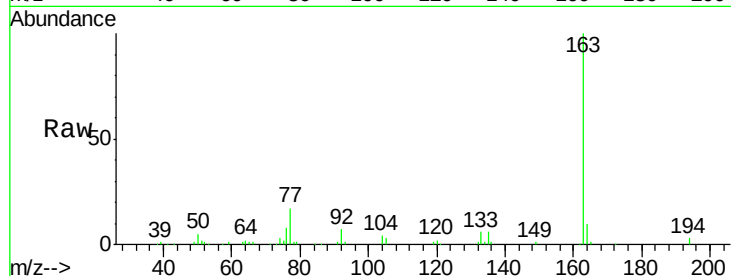
Tgt Ion:163 Resp: 114861

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

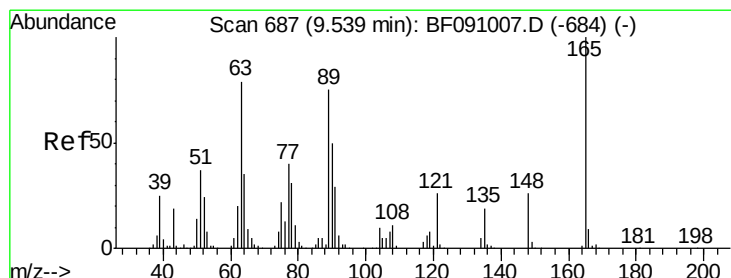
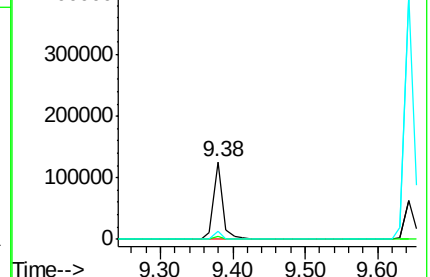
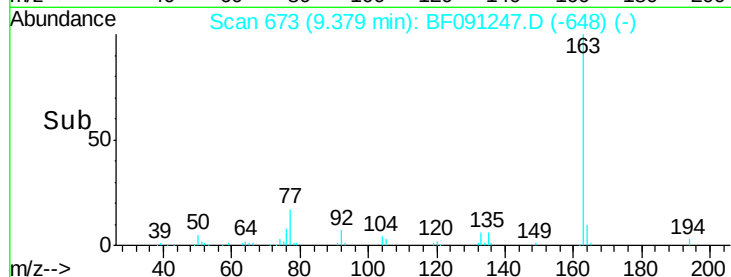
164 9.7 8.7 13.1



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: 9.27 ng

RT: 9.64 min Scan# 696

Delta R.T. 0.18 min

Lab File: BF091247.D

Acq: 18 Nov 2016 21:46

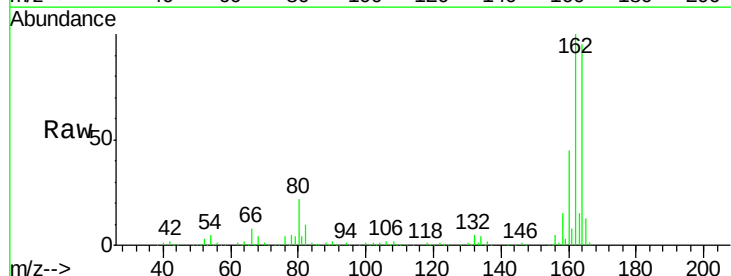
Tgt Ion:165 Resp: 46853

Ion Ratio Lower Upper

165 100

63 0.8 65.6 98.4#

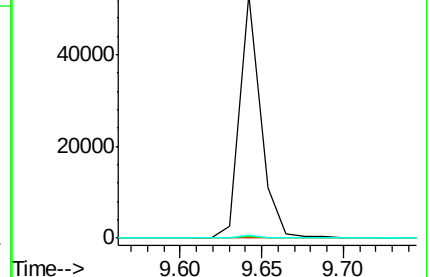
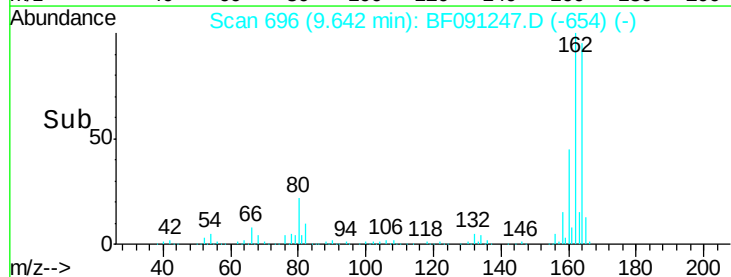
89 1.0 59.8 89.6#

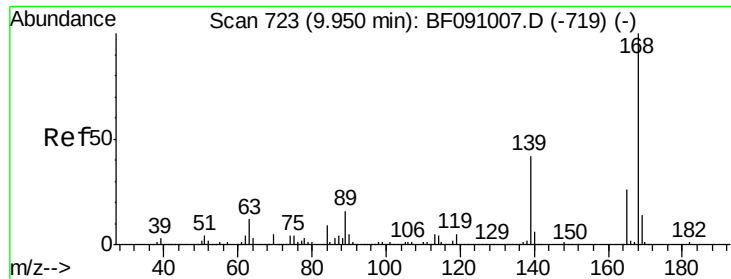


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

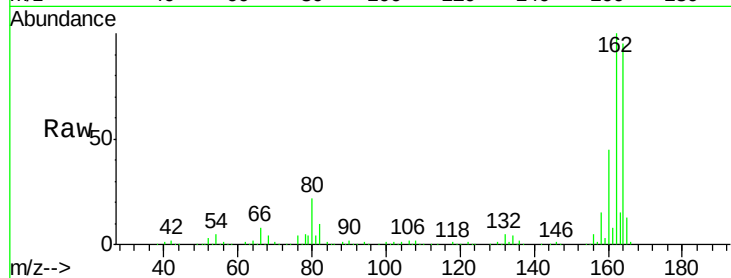




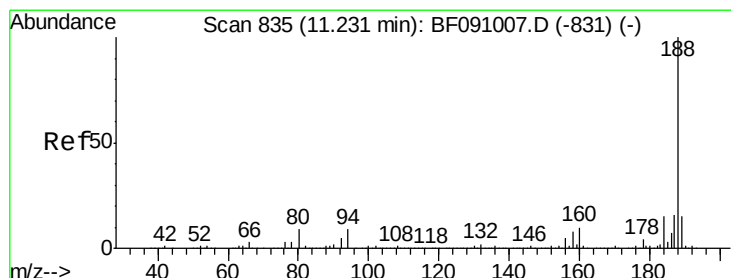
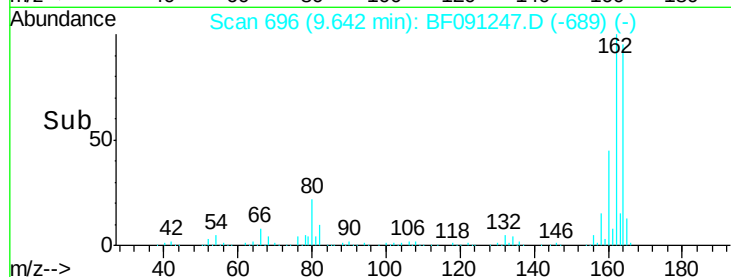
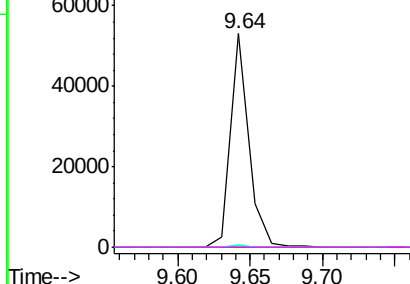
#56
 2,4-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.64 min Scan# 696
 Delta R.T. -0.22 min
 Lab File: BF091247.D
 Acq: 18 Nov 2016 21:46

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF022-01

Tgt Ion:165 Resp: 46855
 Ion Ratio Lower Upper
 165 100
 63 0.8 38.7 58.1#
 89 1.0 50.6 76.0#
 182 0.0 1.8 2.8#

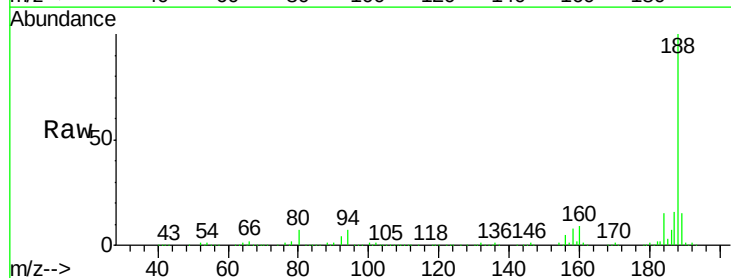


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

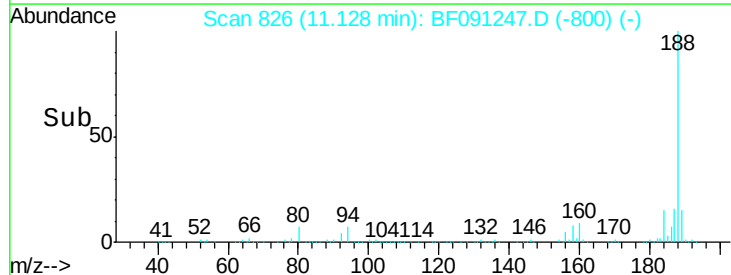
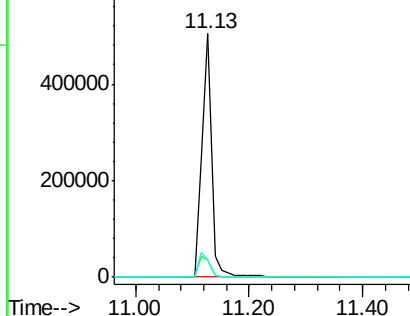


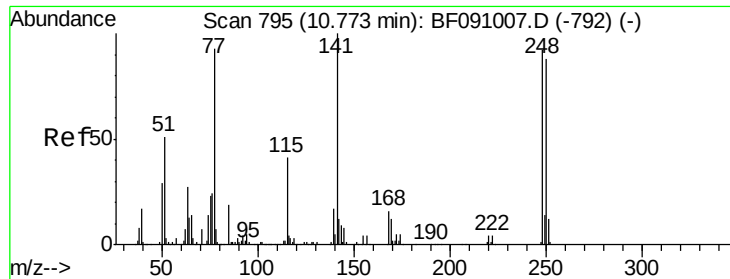
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF091247.D
 Acq: 18 Nov 2016 21:46

Tgt Ion:188 Resp: 578912
 Ion Ratio Lower Upper
 188 100
 94 7.1 7.0 10.4
 80 7.2 7.5 11.3#



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

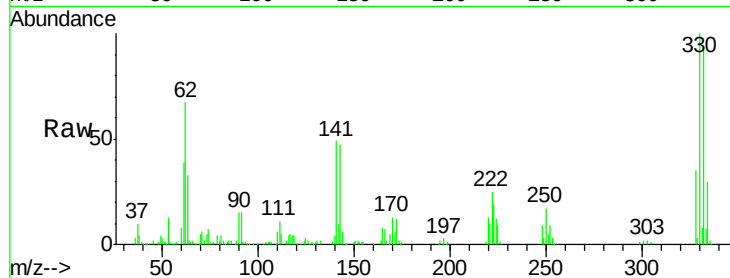




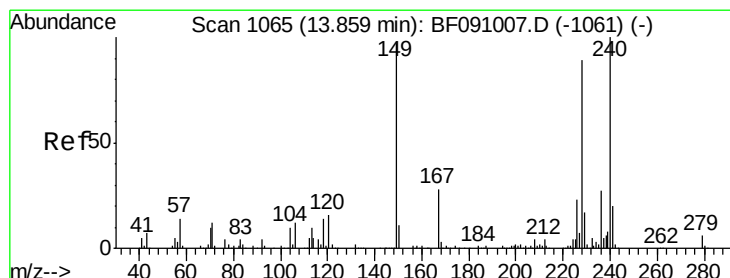
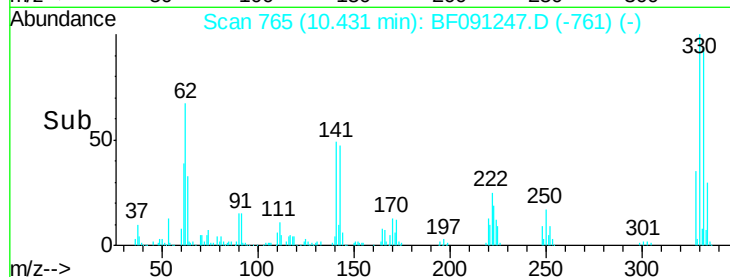
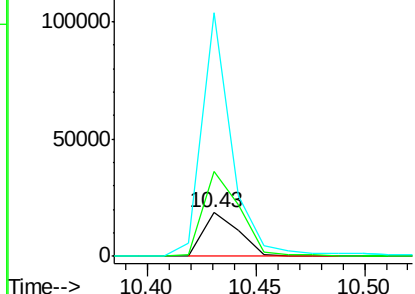
#66
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.25 min
Lab File: BF091247.D
Acq: 18 Nov 2016 21:46

Instrument :
BNA_F
ClientSampleId :
V001-BF022-01

Tgt Ion:248 Resp: 21264
Ion Ratio Lower Upper
248 100
250 194.3 76.3 114.5#
141 555.5 86.8 130.2#

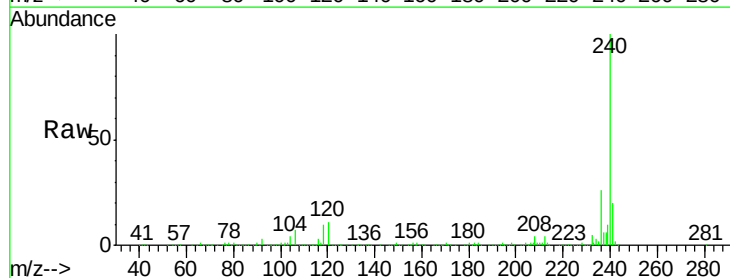


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

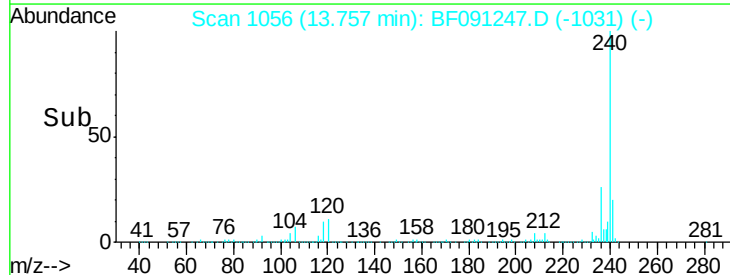
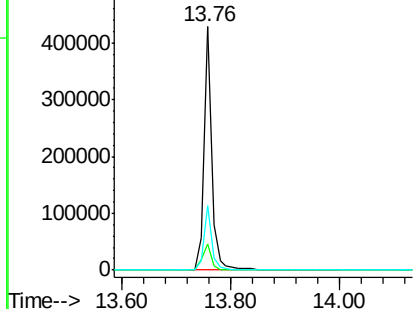


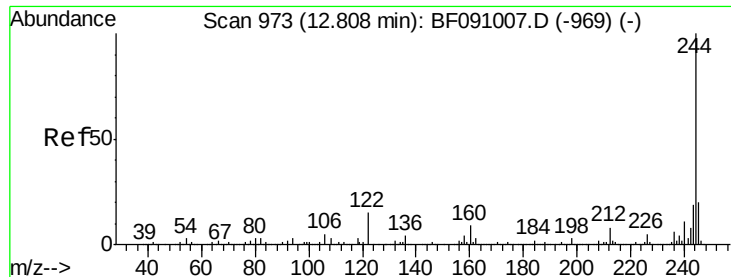
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF091247.D
Acq: 18 Nov 2016 21:46

Tgt Ion:240 Resp: 419944
Ion Ratio Lower Upper
240 100
120 10.8 12.9 19.3#
236 26.5 21.9 32.9



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

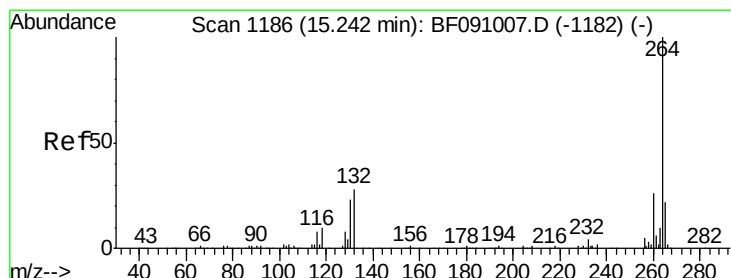
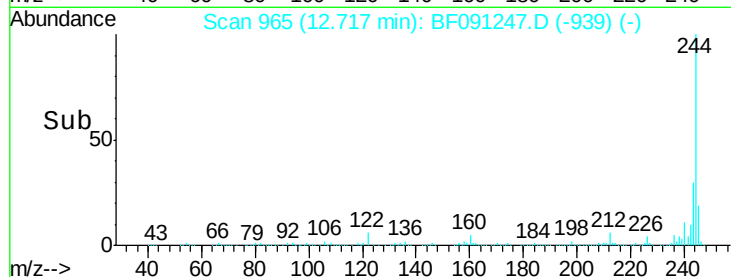
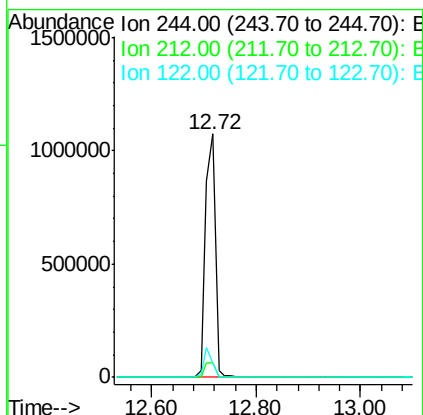
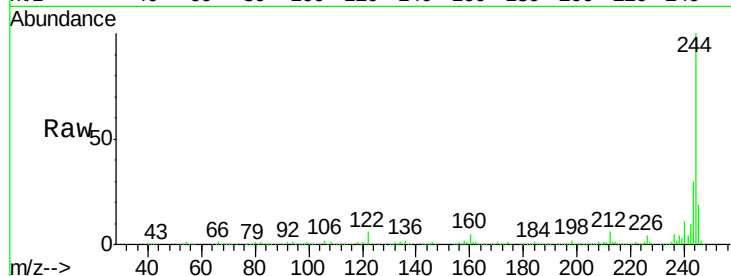




#78
 Terphenyl-d14
 Concen: 83.18 ng
 RT: 12.72 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF091247.D
 Acq: 18 Nov 2016 21:46

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF022-01

Tgt Ion:244 Resp: 1399718
 Ion Ratio Lower Upper
 244 100
 212 6.1 6.4 9.6#
 122 5.8 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF091247.D
 Acq: 18 Nov 2016 21:46

Tgt Ion:264 Resp: 347417
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.6 30.8
 265 21.8 17.8 26.8

