

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110916\
 Data File : BF091126.D
 Acq On : 9 Nov 2016 16:13
 Operator : UM/SJ
 Sample : PB94612TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94612TB

Quant Time: Nov 09 22:41:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

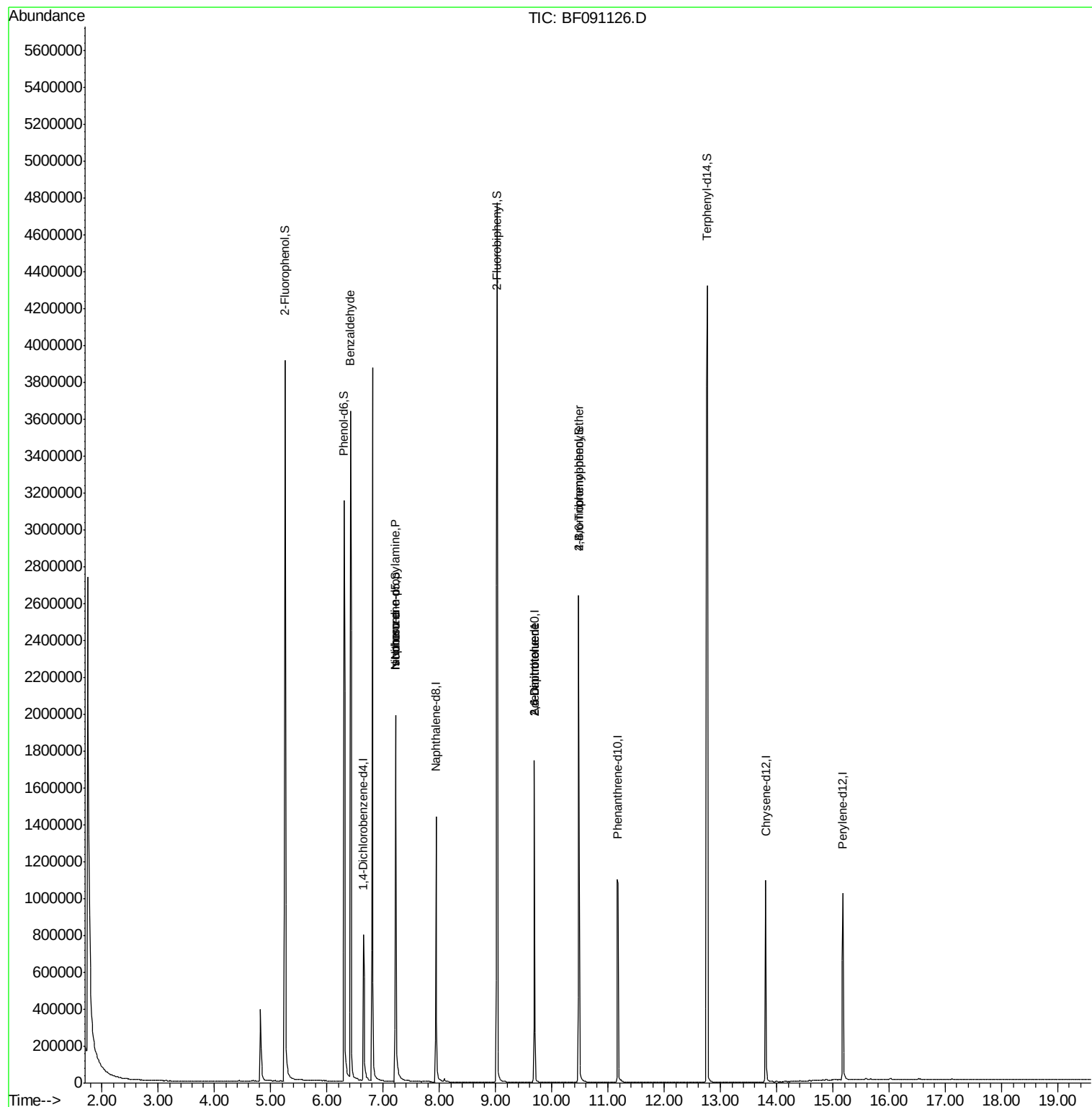
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	171224	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	723948	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	372328	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	629278	20.00	ng	0.00
75) Chrysene-d12	13.80	240	553890	20.00	ng	-0.01
86) Perylene-d12	15.17	264	462445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1231475	118.78	ng	0.01
7) Phenol-d6	6.30	99	1705146	121.17	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1079469	81.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	405856	120.57	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1912037	88.41	ng	-0.01
78) Terphenyl-d14	12.76	244	2020859	91.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.42	77	30565	3.91	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.22	70	145587	14.93	ng	# 78
25) Isophorone	7.22	82	1000454	39.12	ng	# 67
50) 2,6-Dinitrotoluene	9.69	165	47416	9.06	ng	# 11
56) 2,4-Dinitrotoluene	9.69	165	47418	7.12	ng	# 26
66) 4-Bromophenyl-phenylether	10.48	248	26008	3.97	ng	# 1

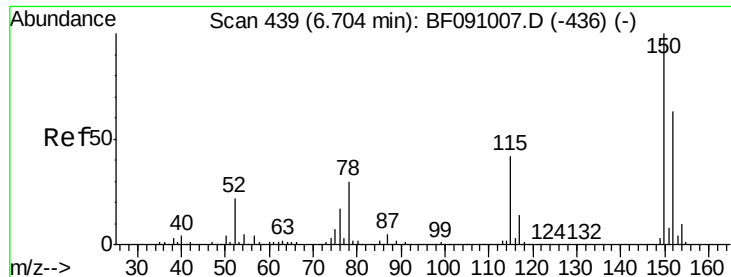
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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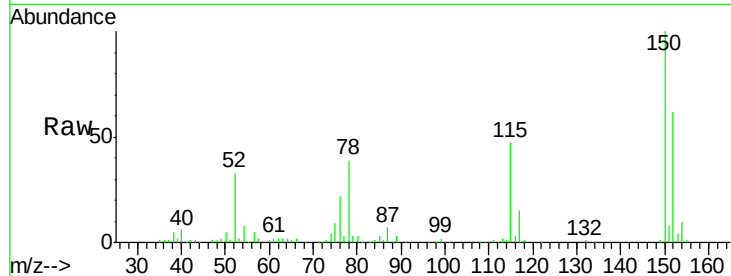


#1

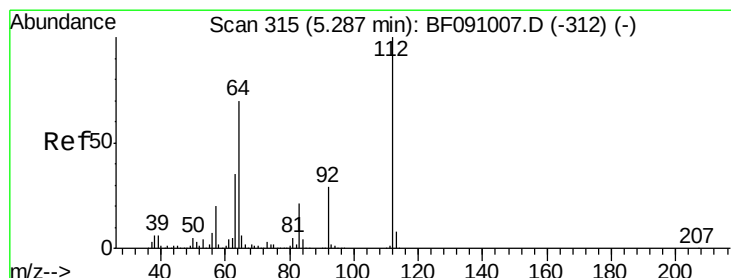
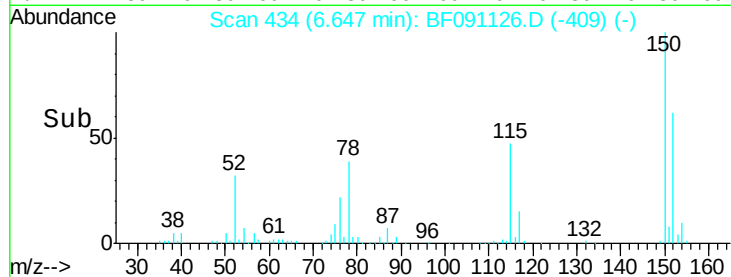
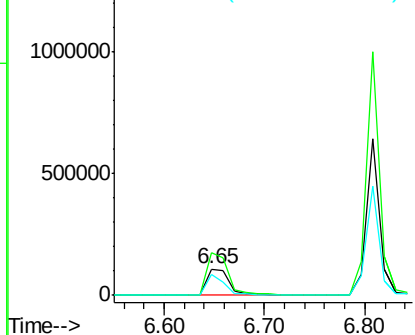
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091126.D
Acq: 9 Nov 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB94612TB

Tgt Ion:152 Resp: 171224
Ion Ratio Lower Upper
152 100
150 162.3 126.8 190.2
115 76.8 53.3 79.9



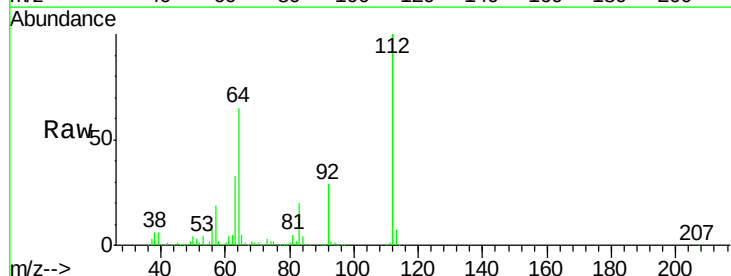
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



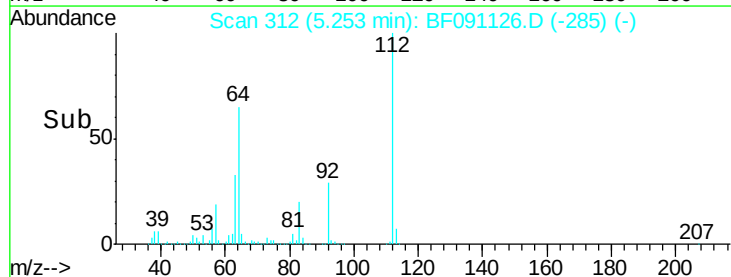
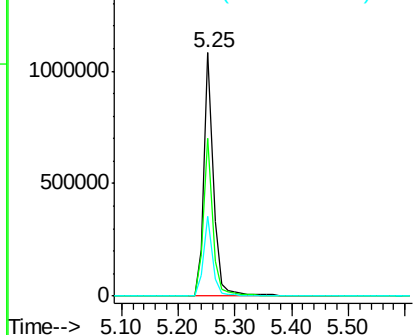
#5

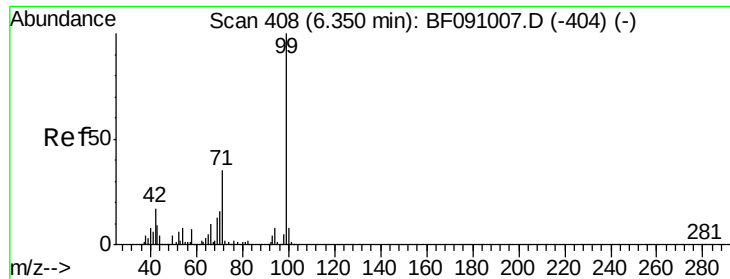
2-Fluorophenol
Concen: 118.78 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091126.D
Acq: 9 Nov 2016 16:13

Tgt Ion:112 Resp: 1231475
Ion Ratio Lower Upper
112 100
64 64.9 55.8 83.6
63 32.7 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: 121.17 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94612TB

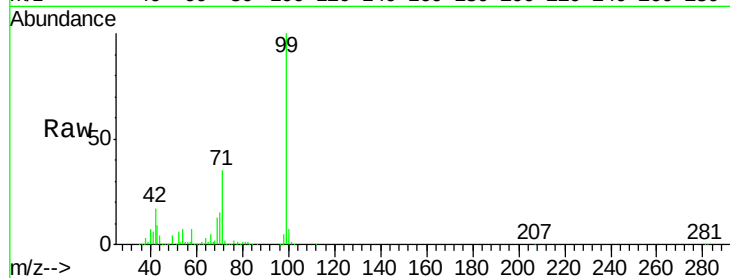
Tgt Ion: 99 Resp: 1705146

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

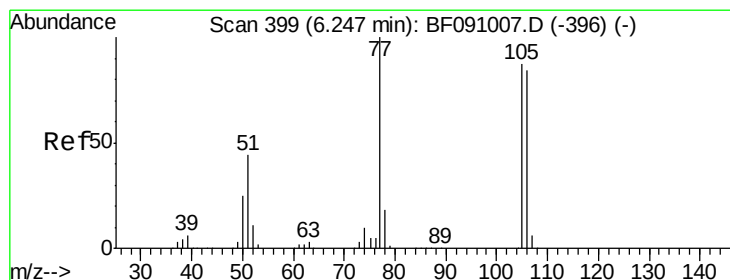
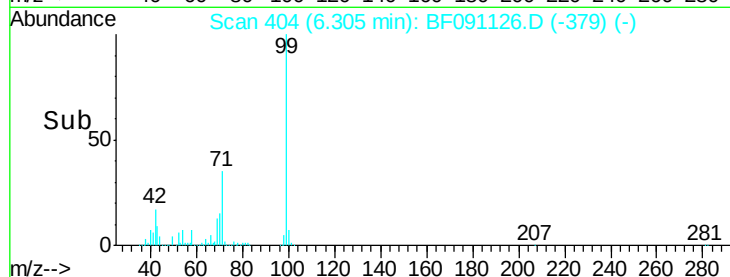
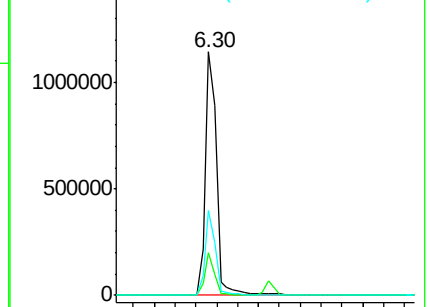
71 34.8 27.8 41.8



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: 3.91 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.22 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

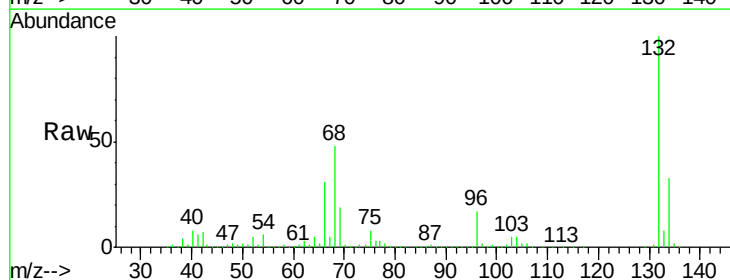
Tgt Ion: 77 Resp: 30565

Ion Ratio Lower Upper

77 100

105 74.6 66.8 106.8

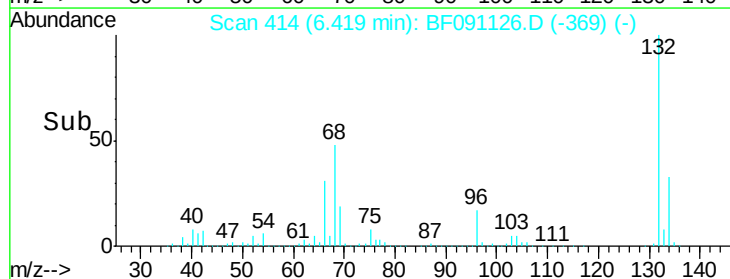
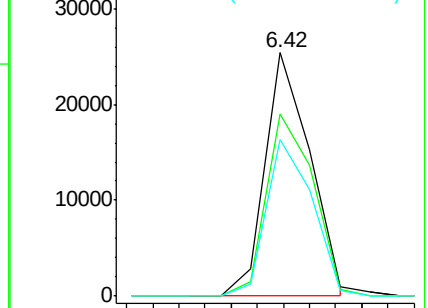
106 64.5 64.0 104.0

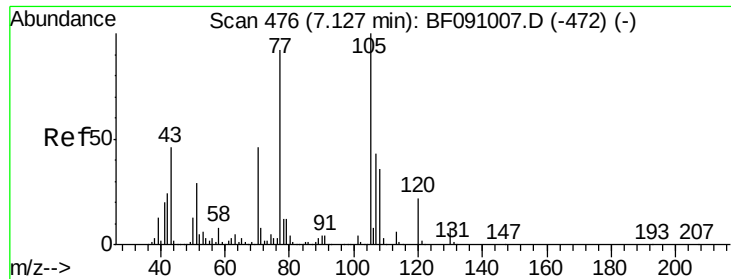


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

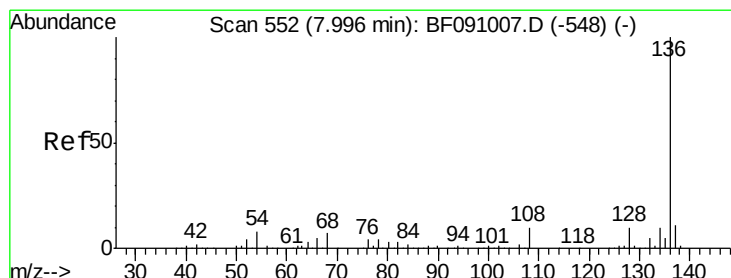
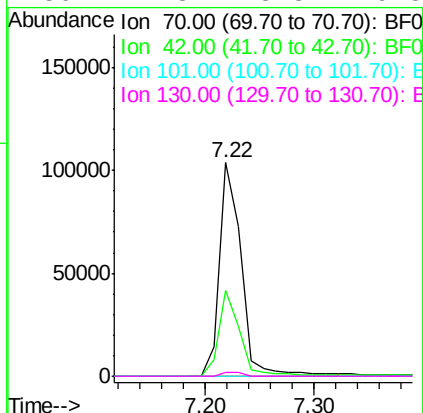
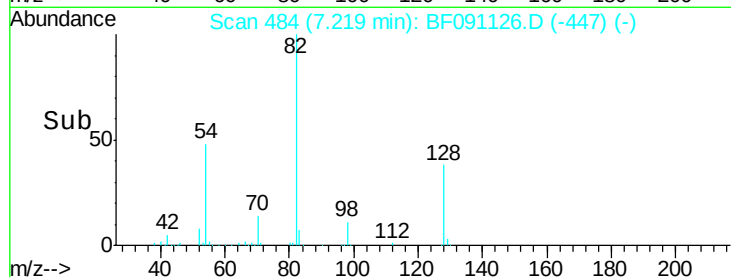
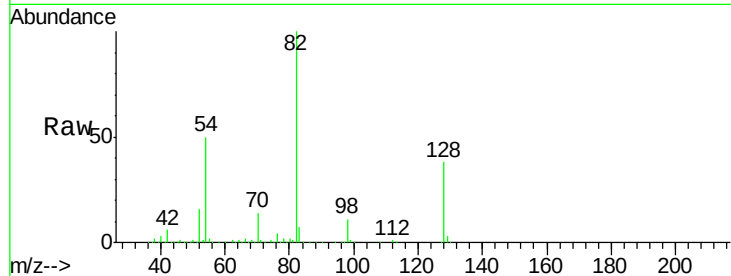




#19
n-Nitroso-di-n-propylamine
Concen: 14.93 ng
RT: 7.22 min Scan# 484
Delta R.T. 0.13 min
Lab File: BF091126.D
Acq: 9 Nov 2016 16:13

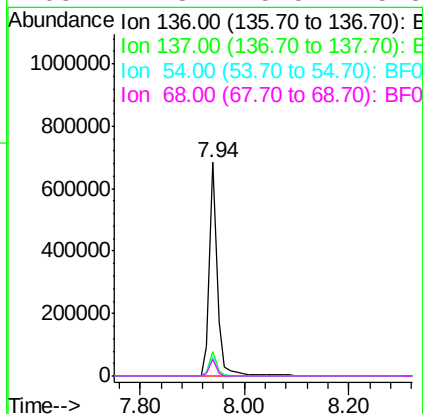
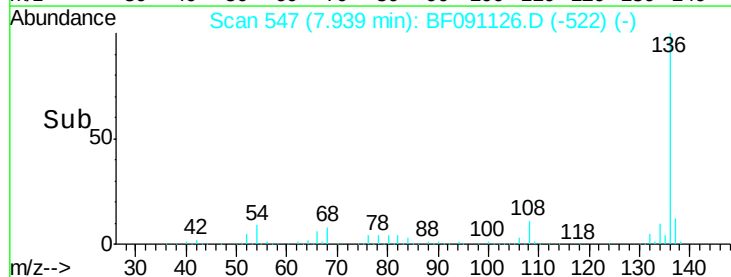
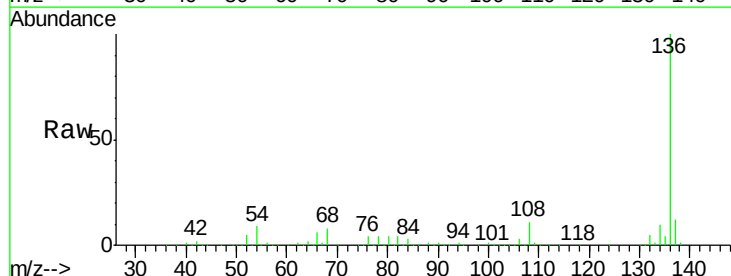
Instrument :
BNA_F
ClientSampleId :
PB94612TB

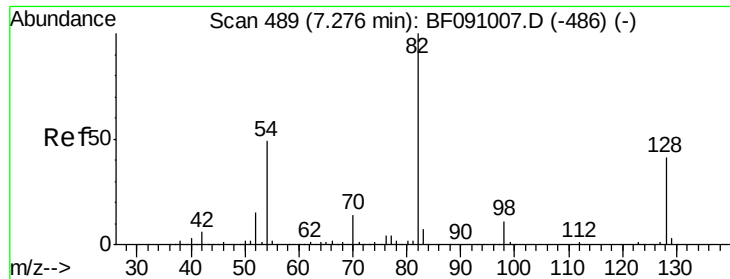
Tgt Ion: 70 Resp: 145587
Ion Ratio Lower Upper
70 100
42 40.4 41.7 62.5#
101 0.0 6.7 10.1#
130 1.8 13.8 20.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF091126.D
Acq: 9 Nov 2016 16:13

Tgt Ion: 136 Resp: 723948
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.1 6.2 9.2
68 7.8 5.5 8.3

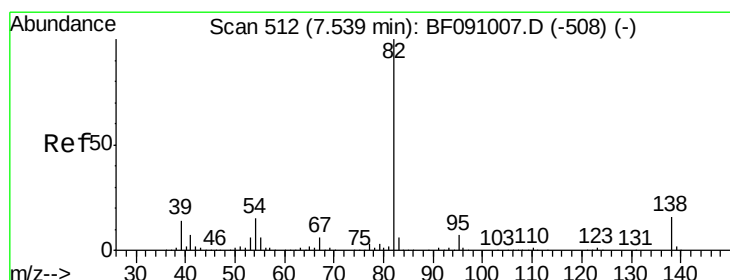
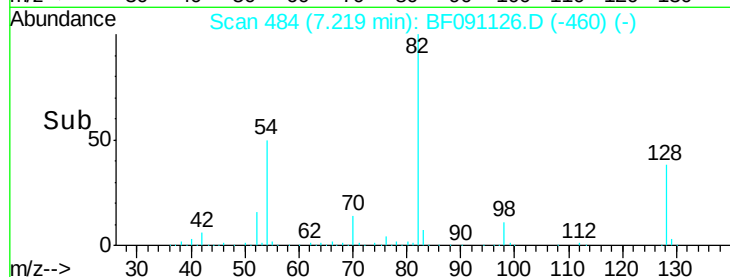
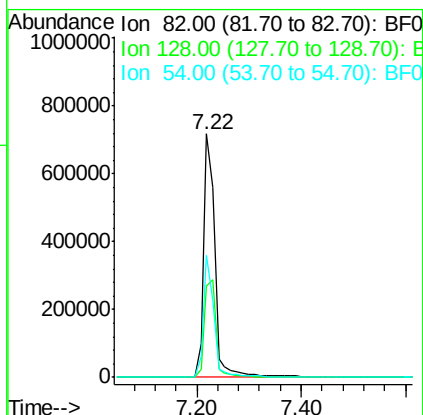
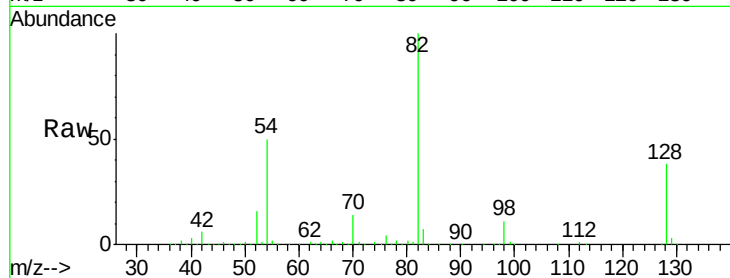




#23
 Nitrobenzene-d5
 Concen: 81.34 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

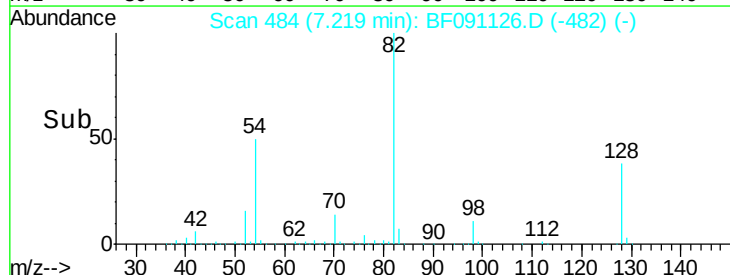
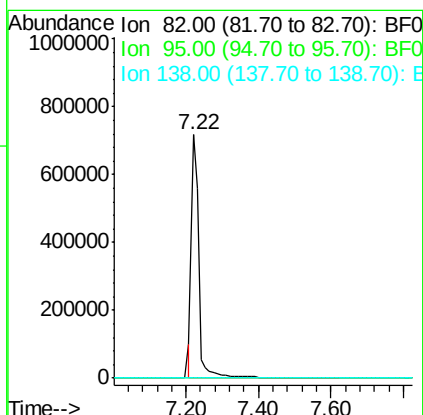
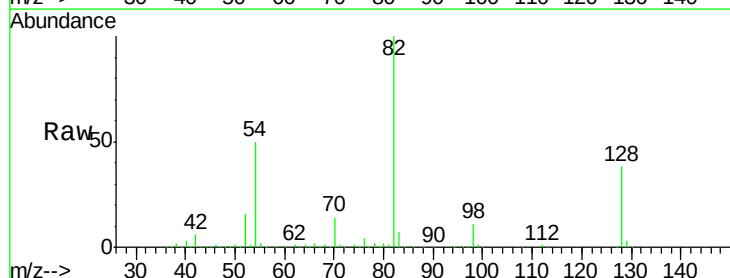
Instrument :
 BNA_F
 ClientSampleId :
 PB94612TB

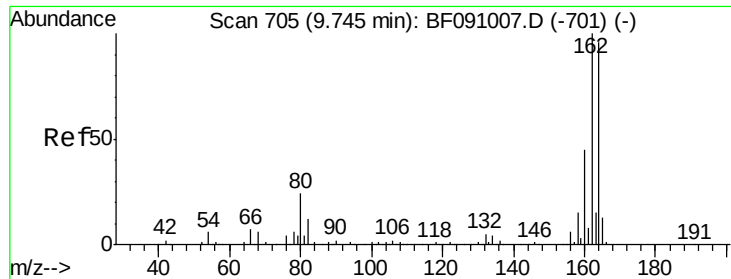
Tgt Ion: 82 Resp: 1079469
 Ion Ratio Lower Upper
 82 100
 128 37.8 32.4 48.6
 54 50.0 39.2 58.8



#25
 Isophorone
 Concen: 39.12 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.27 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Tgt Ion: 82 Resp: 1000454
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 13.0 19.4#

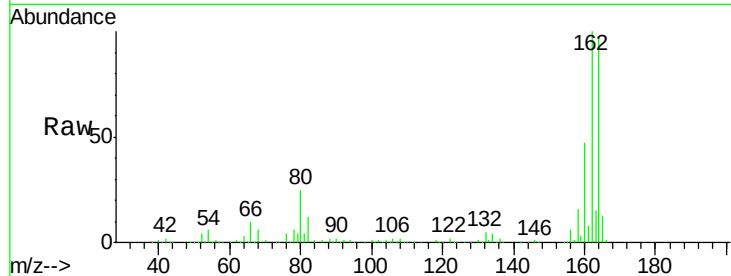




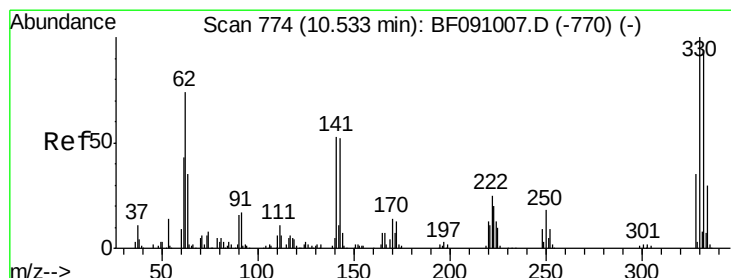
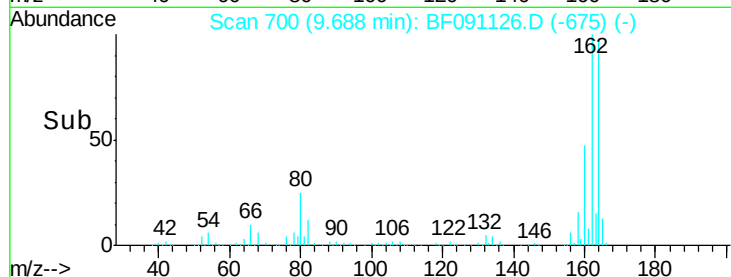
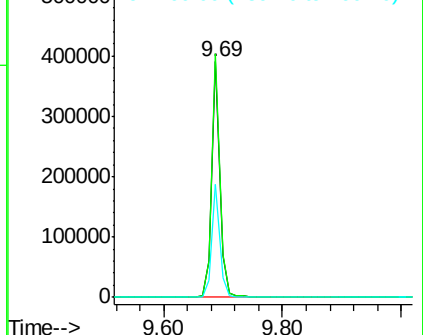
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF091126.D
Acq: 9 Nov 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB94612TB

Tgt Ion:164 Resp: 372328
Ion Ratio Lower Upper
164 100
162 103.3 83.6 125.4
160 48.1 37.9 56.9

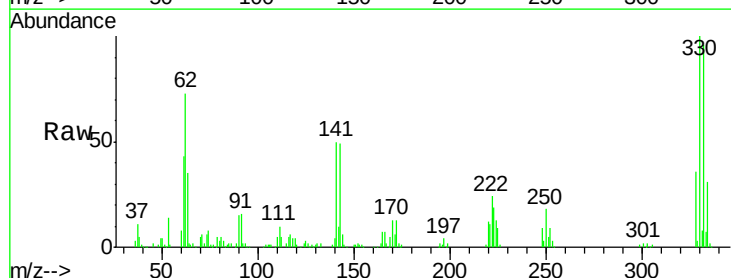


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

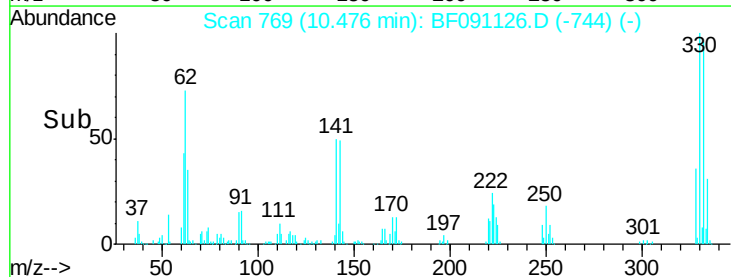
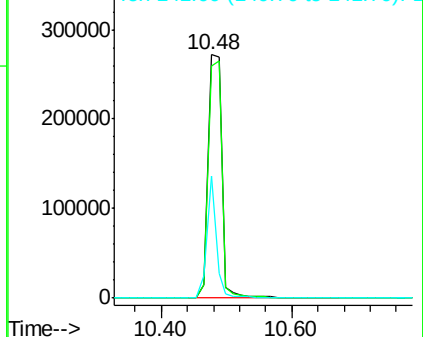


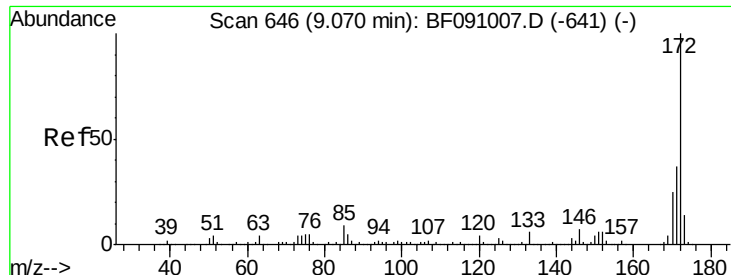
#41
2,4,6-Tribromophenol
Concen: 120.57 ng
RT: 10.48 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091126.D
Acq: 9 Nov 2016 16:13

Tgt Ion:330 Resp: 405856
Ion Ratio Lower Upper
330 100
332 96.9 75.9 113.9
141 34.5 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

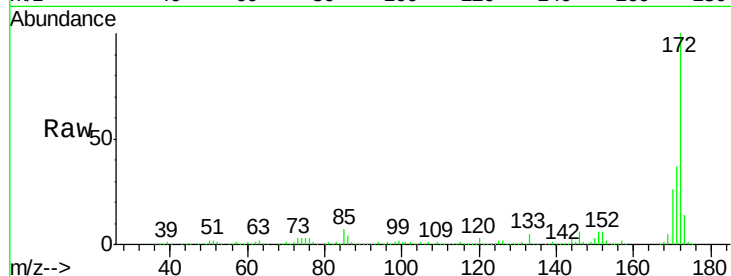




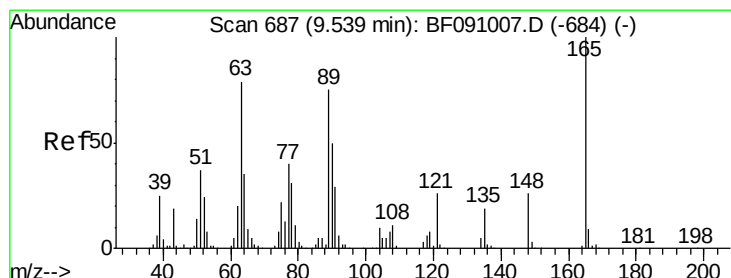
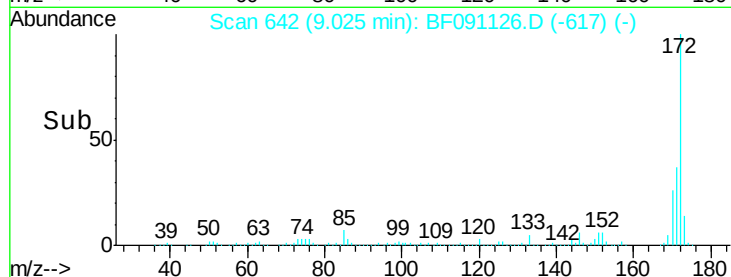
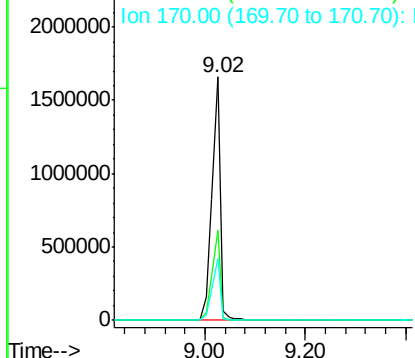
#44
 2-Fluorobiphenyl
 Concen: 88.41 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94612TB

Tgt Ion:172 Resp: 1912037
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.6 20.3 30.5

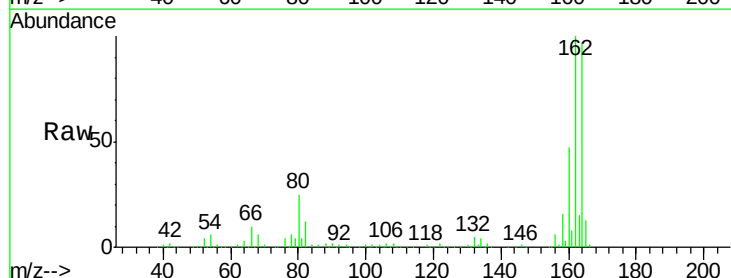


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

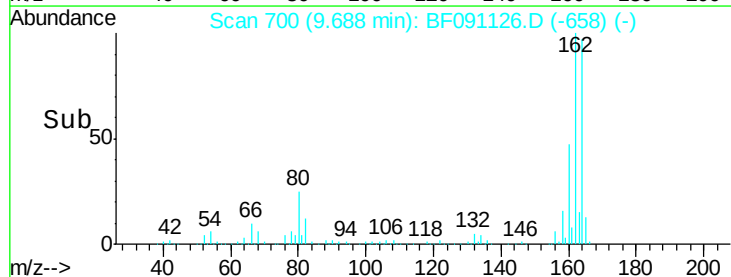
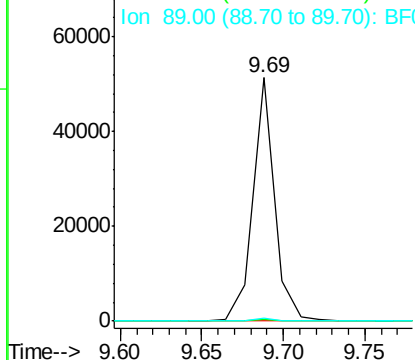


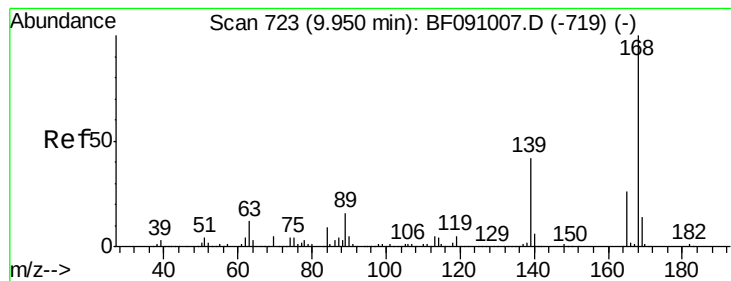
#50
 2,6-Dinitrotoluene
 Concen: 9.06 ng
 RT: 9.69 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Tgt Ion:165 Resp: 47416
 Ion Ratio Lower Upper
 165 100
 63 0.9 65.6 98.4#
 89 1.2 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

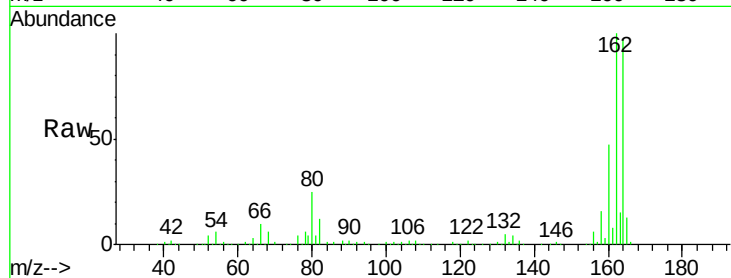




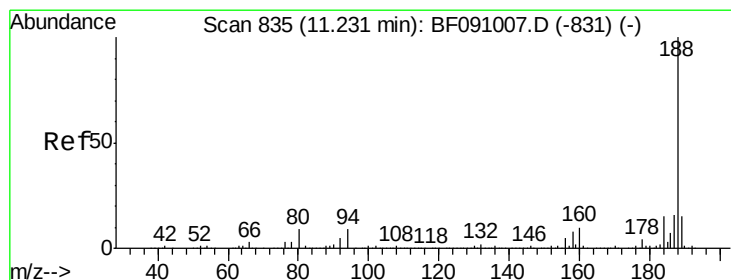
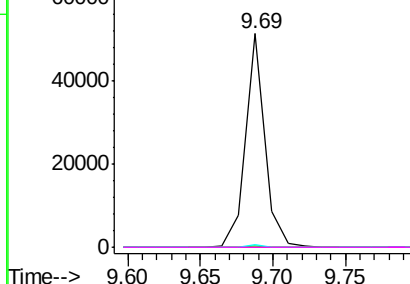
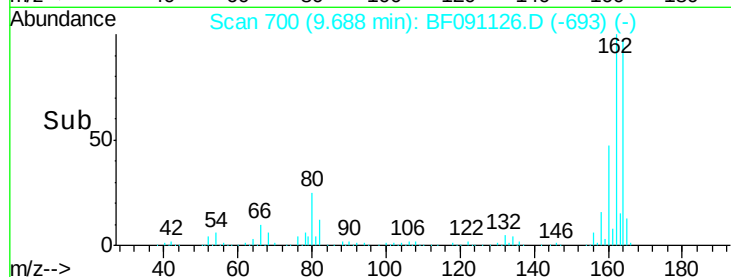
#56
 2,4-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.69 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94612TB

Tgt Ion:165 Resp: 47418
 Ion Ratio Lower Upper
 165 100
 63 0.9 38.7 58.1#
 89 1.2 50.6 76.0#
 182 0.0 1.8 2.8#

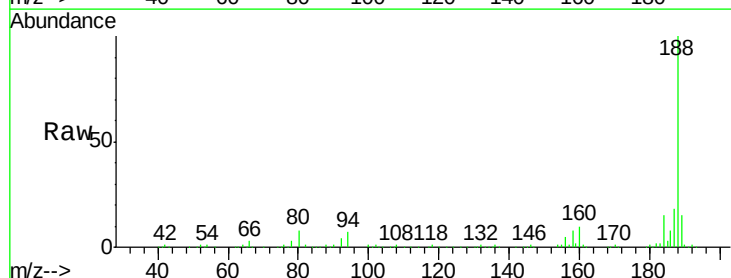


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

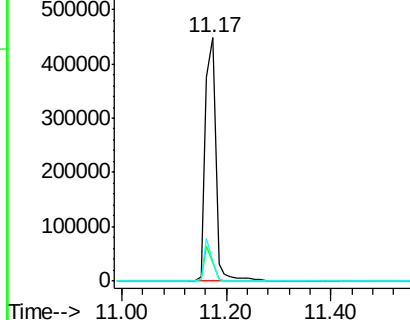
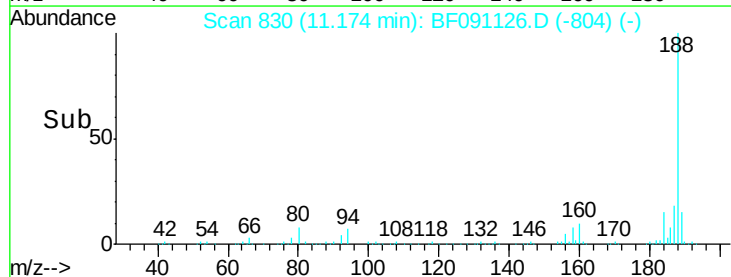


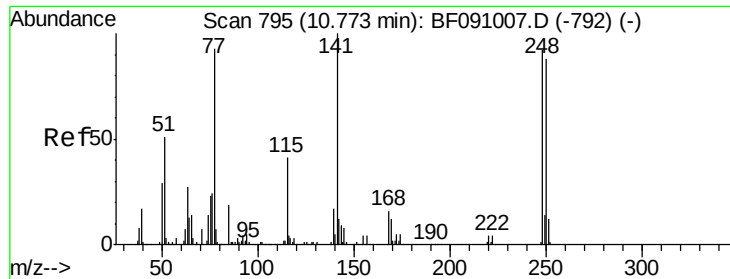
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Tgt Ion:188 Resp: 629278
 Ion Ratio Lower Upper
 188 100
 94 7.3 7.0 10.4
 80 8.0 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: 3.97 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94612TB

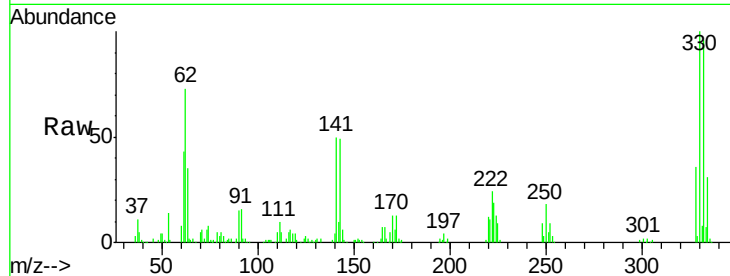
Tgt Ion:248 Resp: 26008

Ion Ratio Lower Upper

248 100

250 195.3 76.3 114.5#

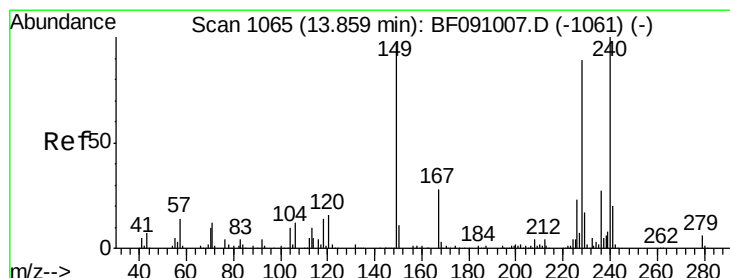
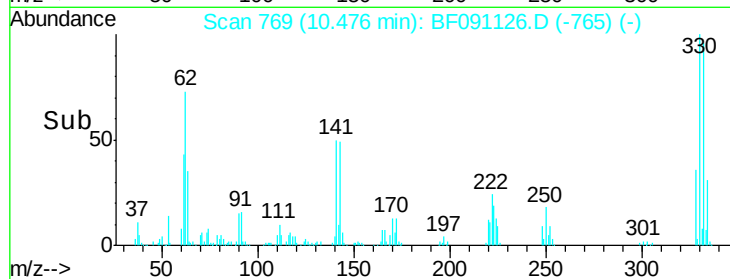
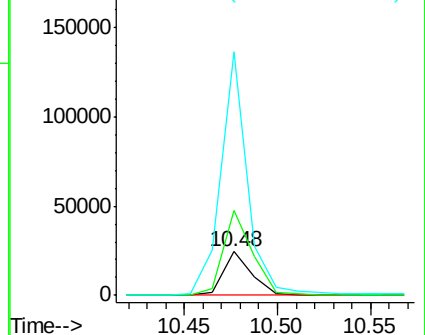
141 557.7 86.8 130.2#



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: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

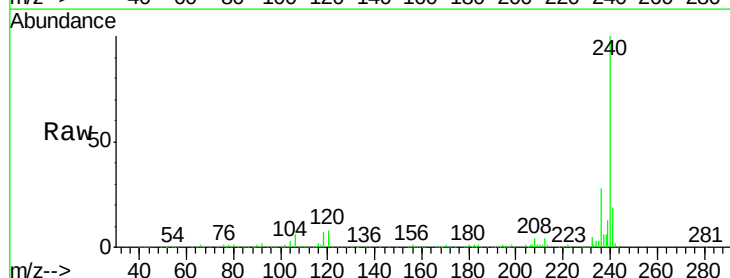
Tgt Ion:240 Resp: 553890

Ion Ratio Lower Upper

240 100

120 8.4 12.9 19.3#

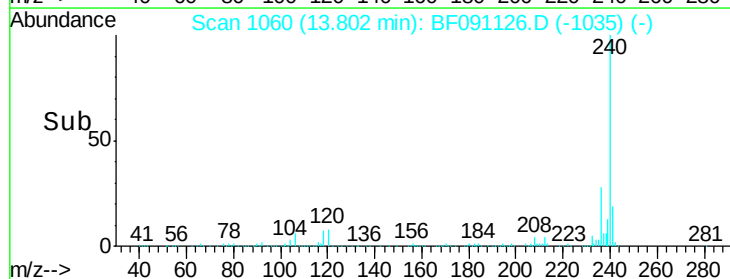
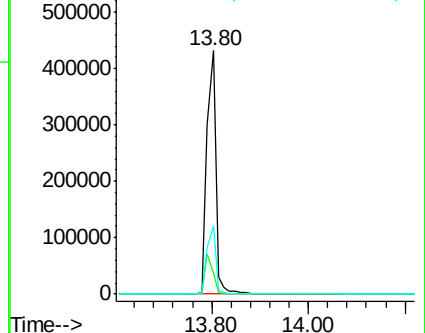
236 27.8 21.9 32.9

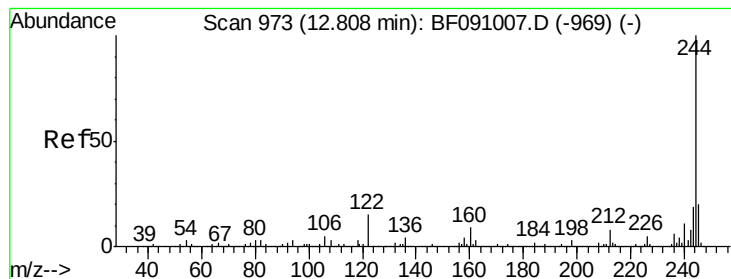


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.05 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94612TB

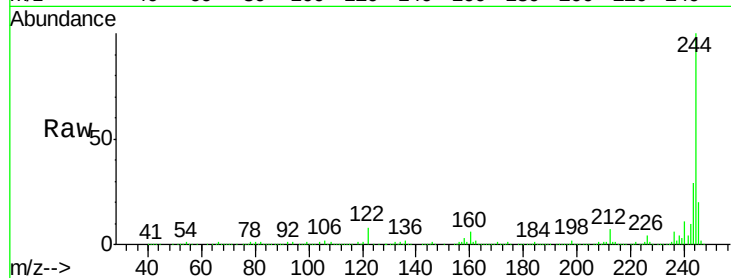
Tgt Ion:244 Resp: 2020859

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

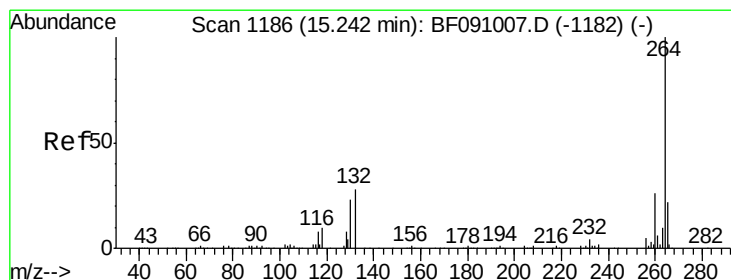
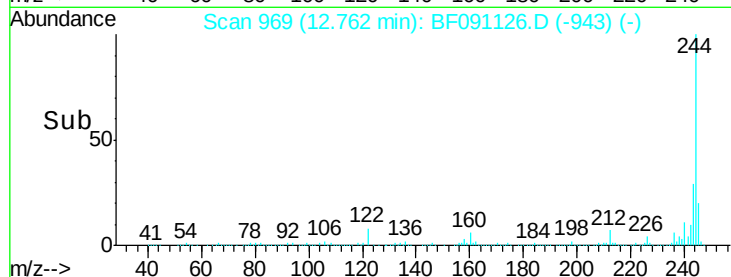
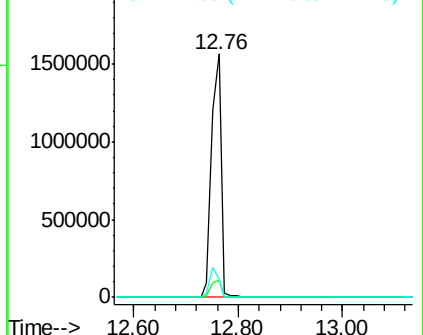
122 7.6 12.3 18.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

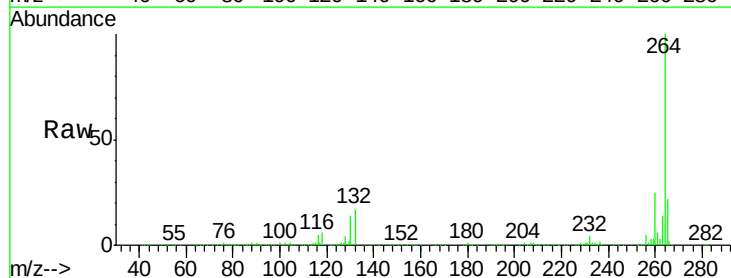
Tgt Ion:264 Resp: 462445

Ion Ratio Lower Upper

264 100

260 25.4 20.6 30.8

265 21.9 17.8 26.8



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

