

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086905.D
 Acq On : 11 May 2016 23:31
 Operator : UM/SJ
 Sample : H2940-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E20(16-16.5)

Quant Time: May 12 00:56:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

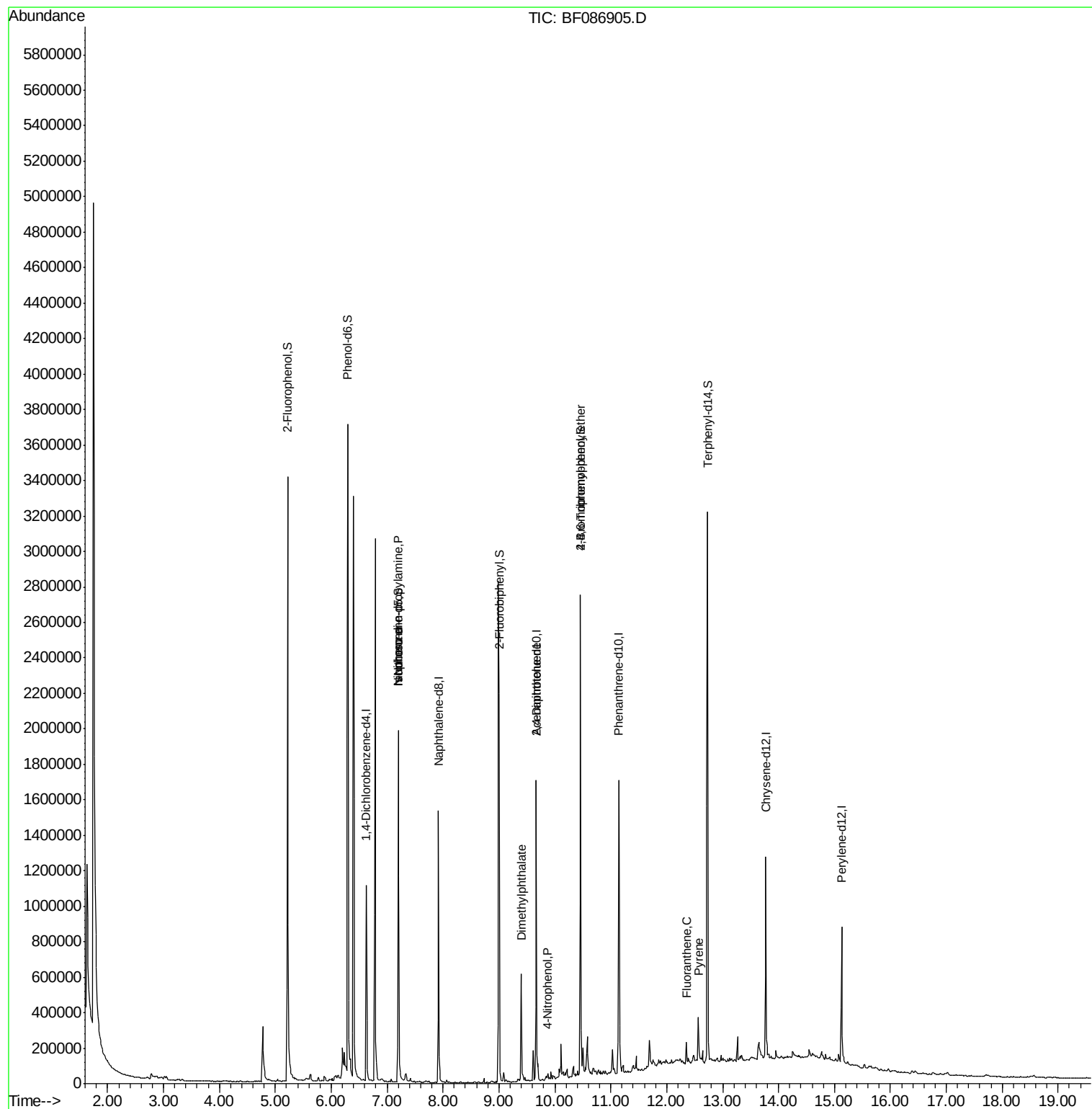
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	151205	20.00	ng	-0.07
21) Naphthalene-d8	7.92	136	654394	20.00	ng	-0.07
38) Acenaphthene-d10	9.67	164	311961	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	542818	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	406458	20.00	ng	-0.07
86) Perylene-d12	15.13	264	317250	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	897853	100.56	ng	-0.07
7) Phenol-d6	6.30	99	1360212	113.99	ng	-0.07
23) Nitrobenzene-d5	7.20	82	751892	57.69	ng	-0.07
41) 2,4,6-Tribromophenol	10.46	330	311027	94.18	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1218041	65.62	ng	-0.05
78) Terphenyl-d14	12.73	244	1029797	53.76	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	104905	12.58	ng	# 70
25) Isophorone	7.20	82	694417	28.72	ng	# 68
49) Dimethylphthalate	9.40	163	350315	14.72	ng	98
55) 4-Nitrophenol	9.87	139	2304	5.18	ng	# 33
56) 2,4-Dinitrotoluene	9.67	165	40755	6.57	ng	# 16
66) 4-Bromophenyl-phenylether	10.46	248	20815	3.78	ng	# 1
74) Fluoranthene	12.35	202	69101	2.32	ng	93
77) Pyrene	12.57	202	65446	2.10	ng	97

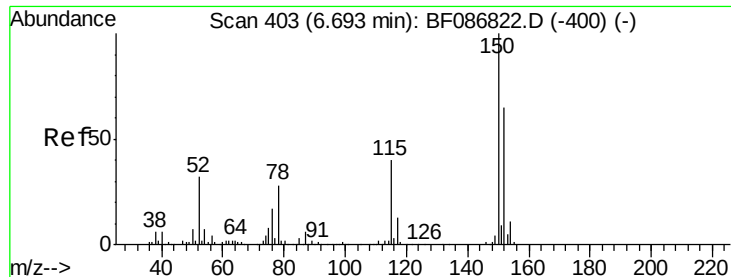
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
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E20(16-16.5)

Quant Time: May 12 00:56:04 2016
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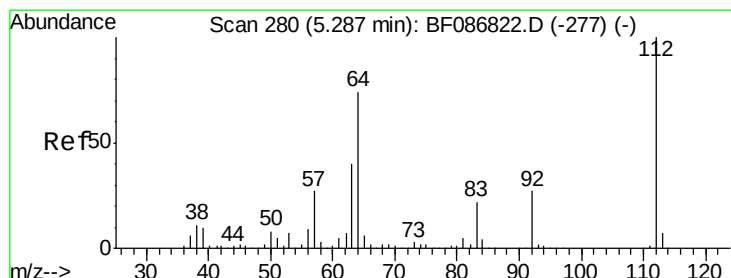
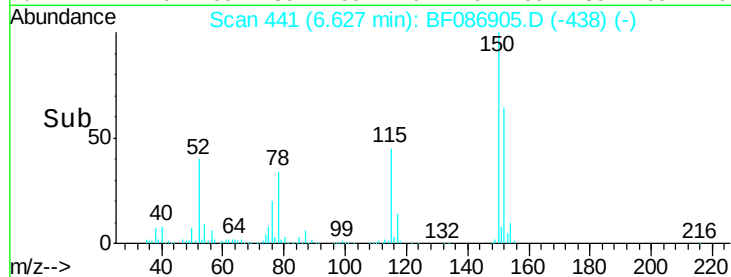
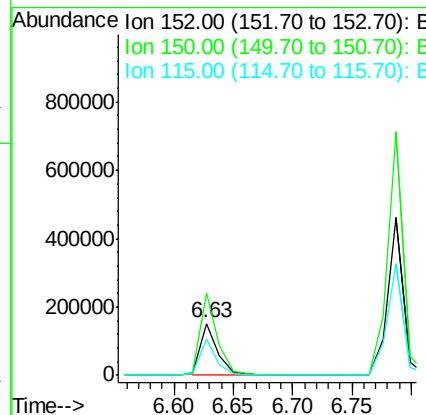
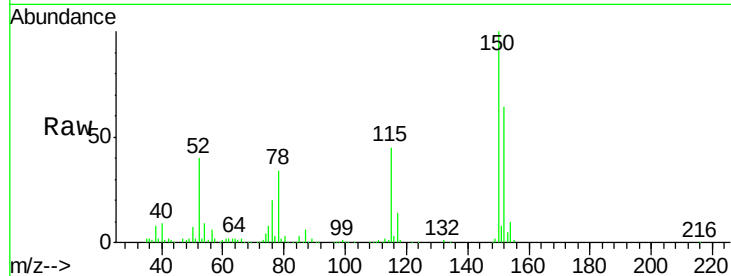


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.07 min
Lab File: BF086905.D
Acq: 11 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
E20(16-16.5)

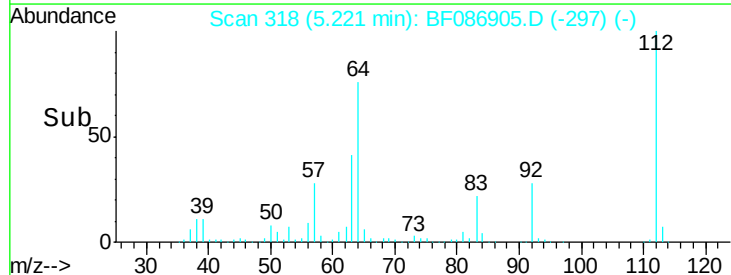
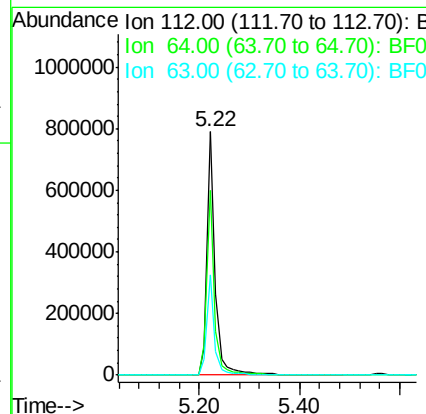
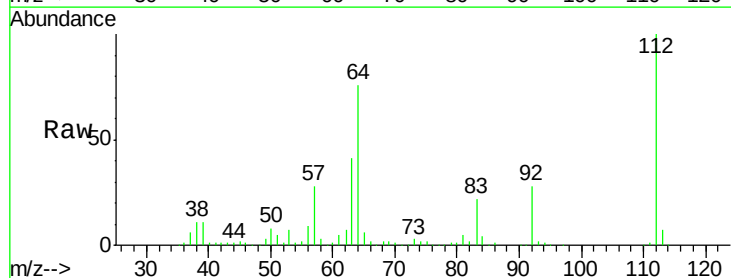
Tgt Ion:152 Resp: 151205
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 70.2 51.5 77.3

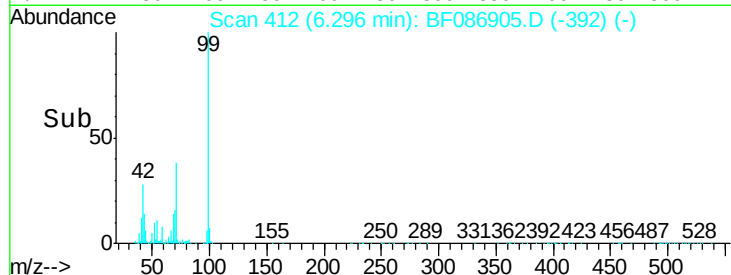
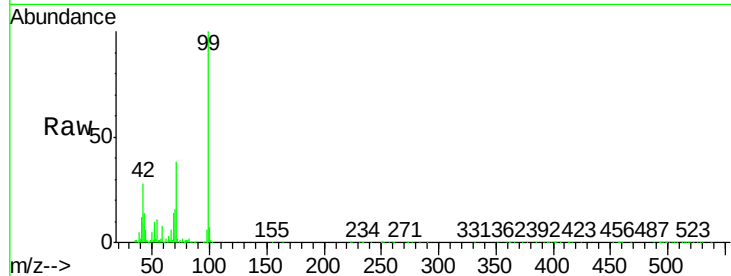
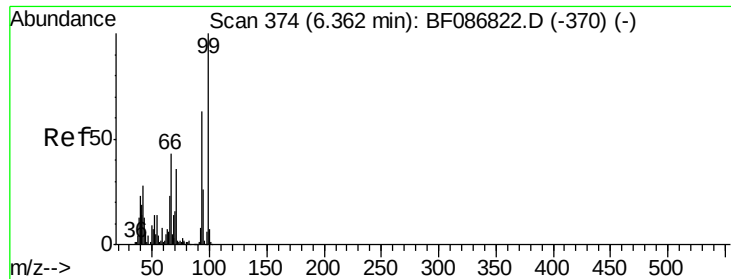


#5

2-Fluorophenol
Concen: 100.56 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.07 min
Lab File: BF086905.D
Acq: 11 May 2016 23:31

Tgt Ion:112 Resp: 897853
Ion Ratio Lower Upper
112 100
64 76.1 52.1 78.1
63 41.0 25.7 38.5#





#7

Phenol-d6

Concen: 113.99 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

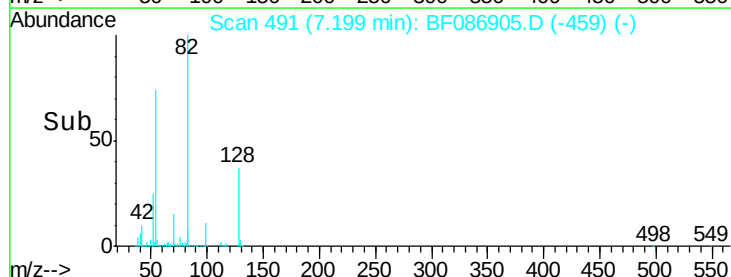
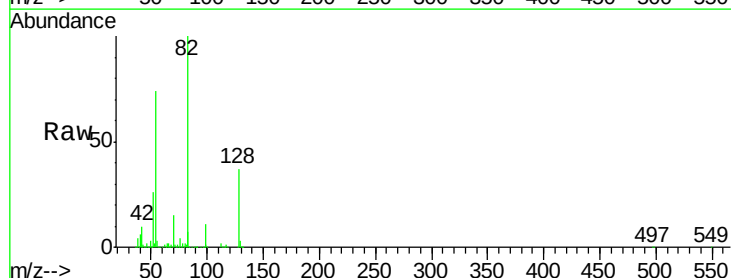
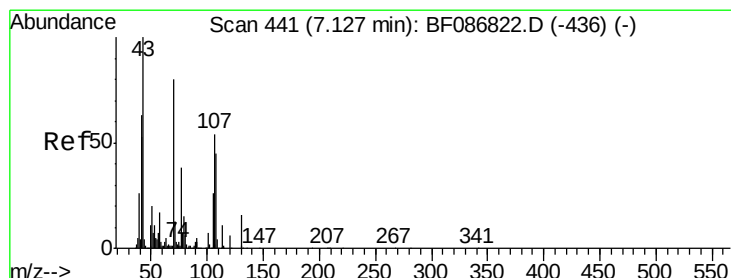
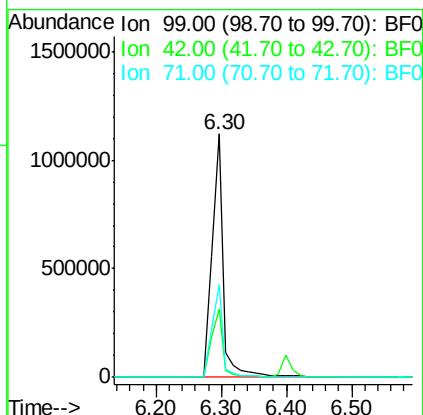
Tgt Ion: 99 Resp: 1360212

Ion Ratio Lower Upper

99 100

42 27.9 13.6 20.4#

71 38.2 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 12.58 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.07 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Tgt Ion: 70 Resp: 104905

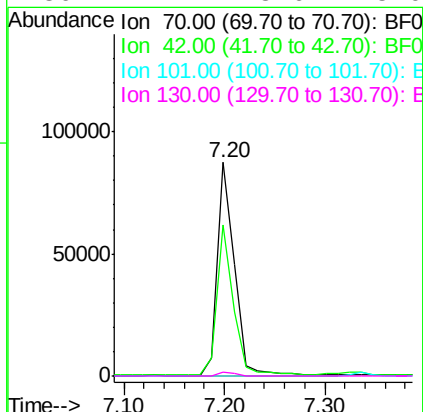
Ion Ratio Lower Upper

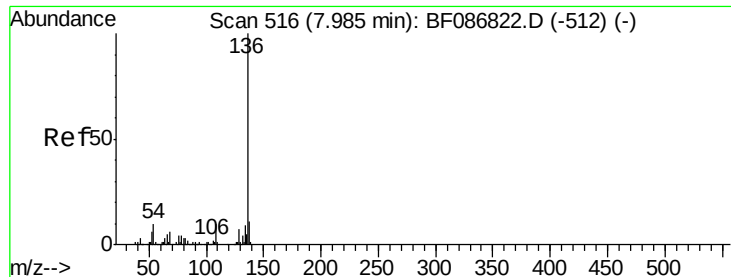
70 100

42 71.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.07 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

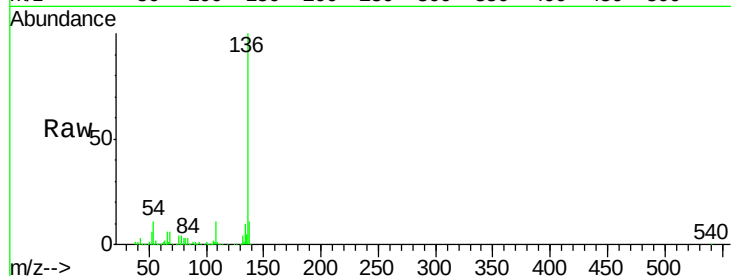
Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

Tgt Ion:	136	Resp:	654394
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.0	5.0	7.4#
68	6.2	4.4	6.6

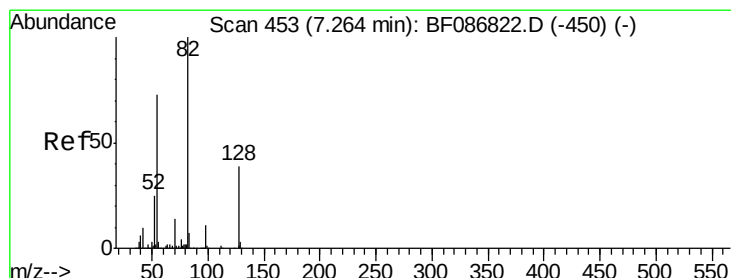
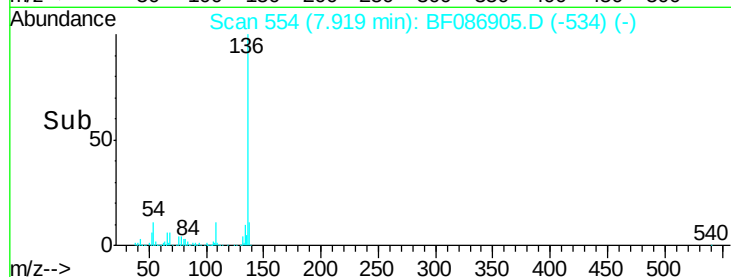
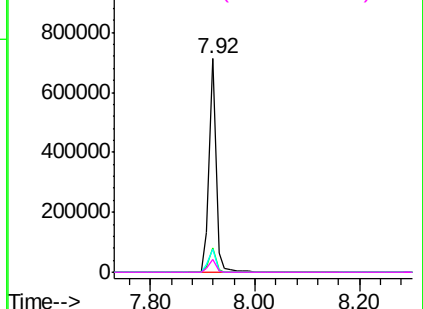


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.69 ng

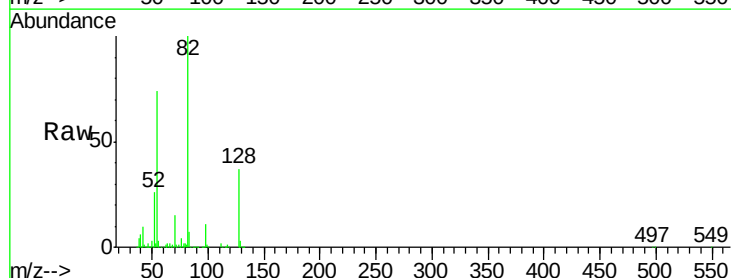
RT: 7.20 min Scan# 491

Delta R.T. -0.07 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

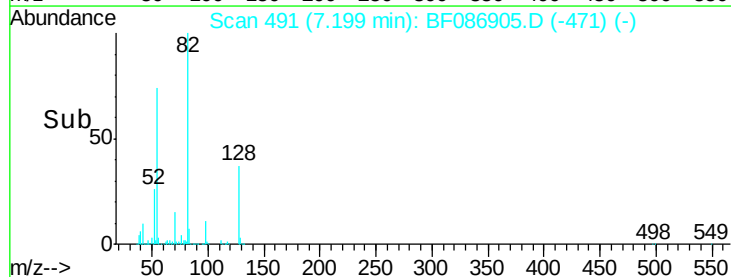
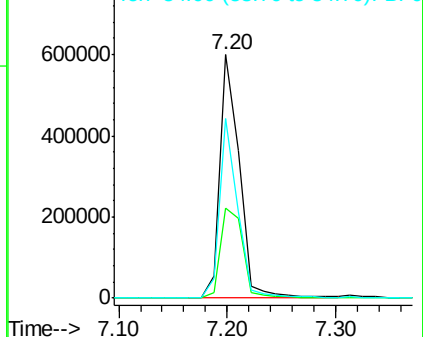
Tgt Ion:	82	Resp:	751892
Ion	Ratio	Lower	Upper
82	100		
128	37.0	40.6	61.0#
54	73.9	38.1	57.1#

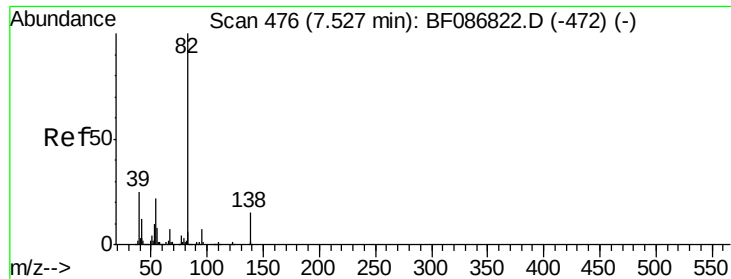


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.72 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.33 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

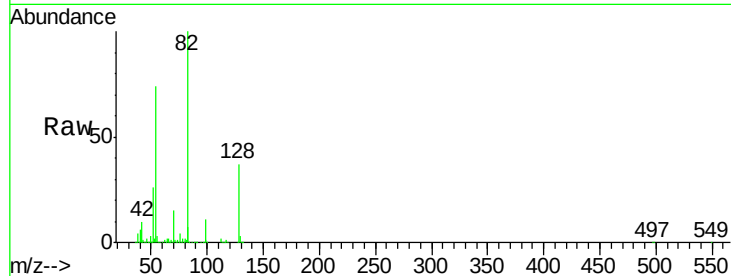
Tgt Ion: 82 Resp: 694417

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

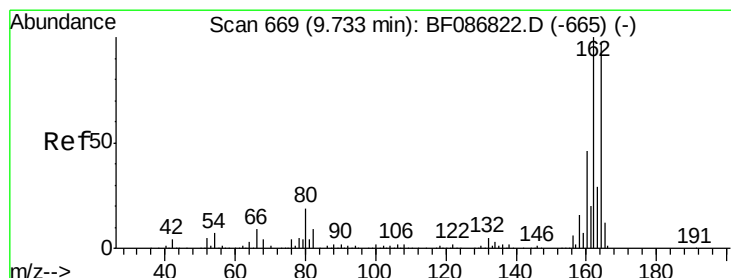
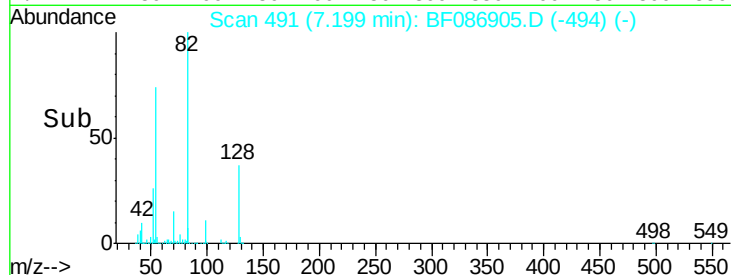
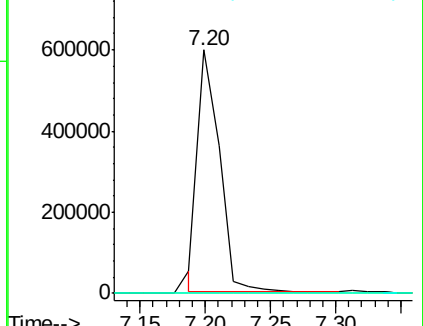
138 0.0 12.4 18.6#



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: 9.67 min Scan# 707

Delta R.T. -0.07 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

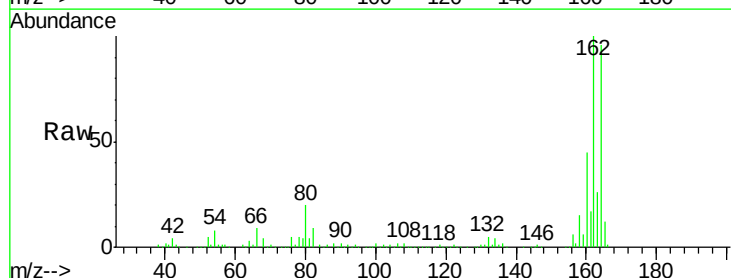
Tgt Ion: 164 Resp: 311961

Ion Ratio Lower Upper

164 100

162 104.4 82.8 124.2

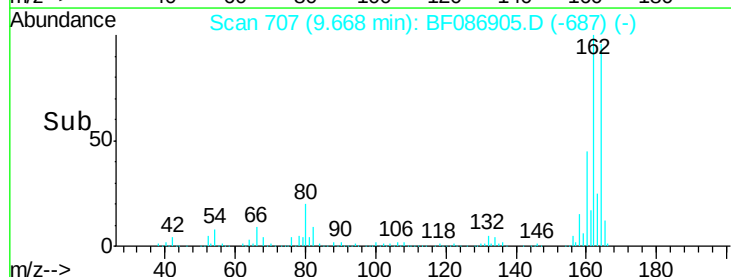
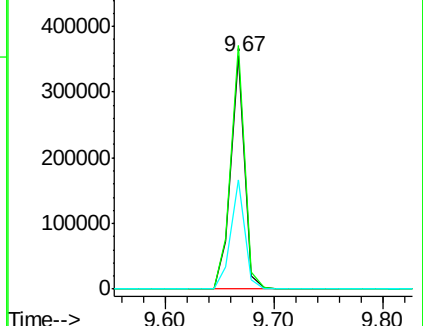
160 46.6 36.9 55.3

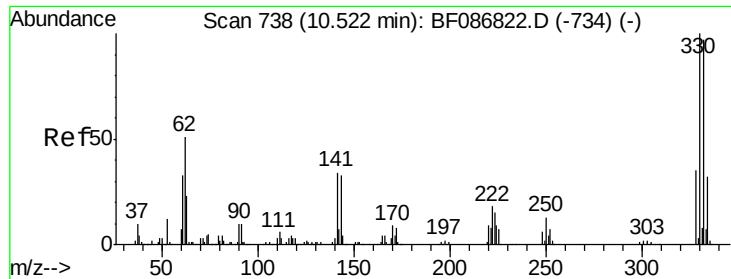


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

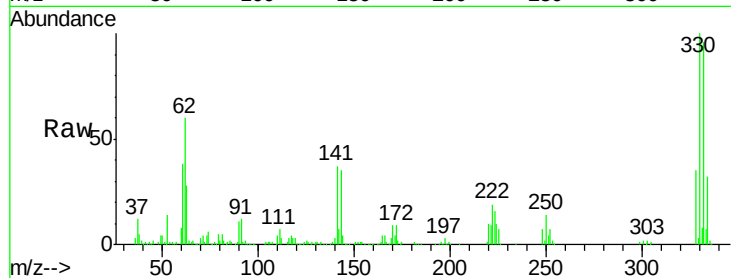




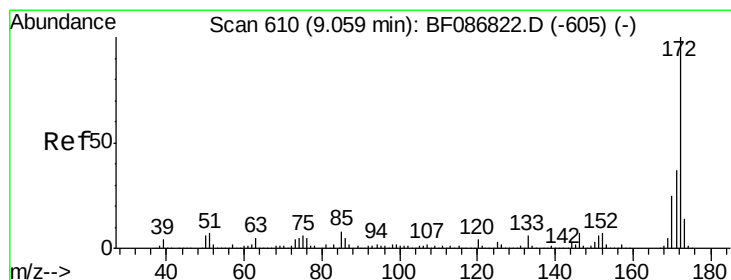
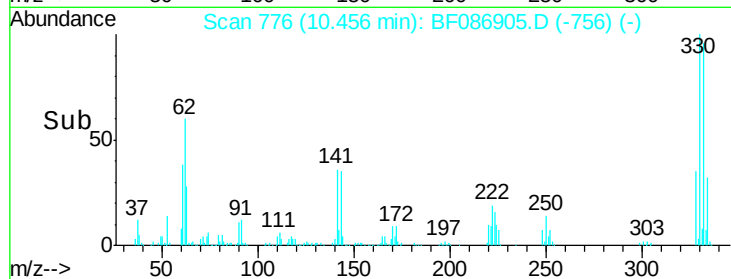
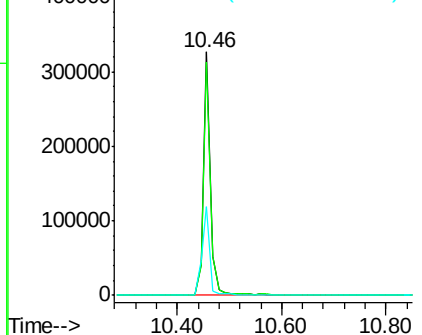
#41
 2,4,6-Tribromophenol
 Concen: 94.18 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.07 min
 Lab File: BF086905.D
 Acq: 11 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 E20(16-16.5)

Tgt Ion:330 Resp: 311027
 Ion Ratio Lower Upper
 330 100
 332 93.9 79.0 118.4
 141 40.8 31.2 46.8

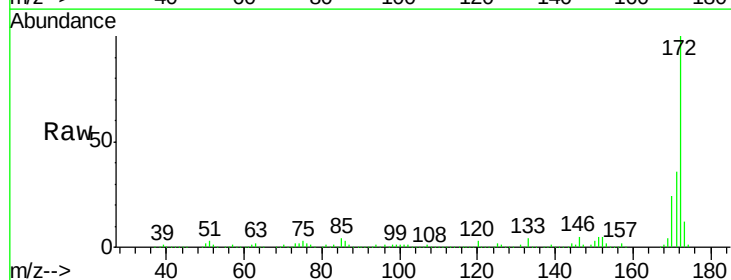


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

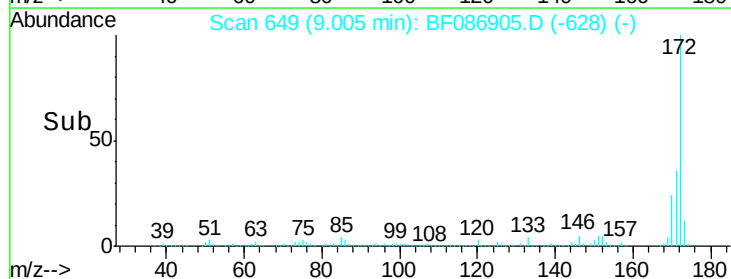
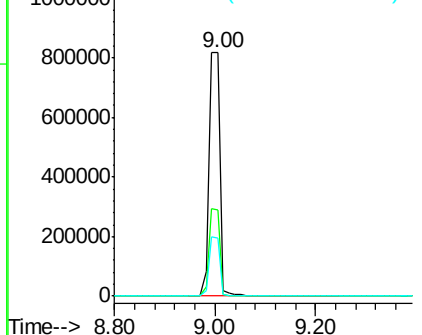


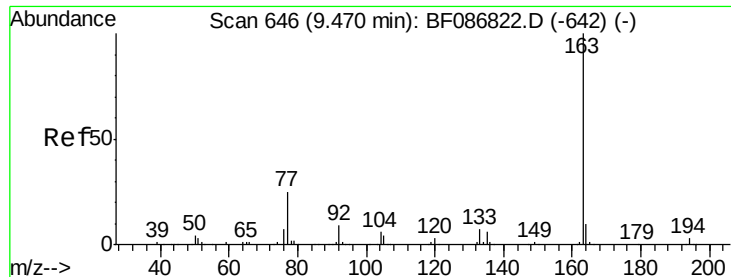
#44
 2-Fluorobiphenyl
 Concen: 65.62 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.05 min
 Lab File: BF086905.D
 Acq: 11 May 2016 23:31

Tgt Ion:172 Resp: 1218041
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.0 19.8 29.8



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: 14.72 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

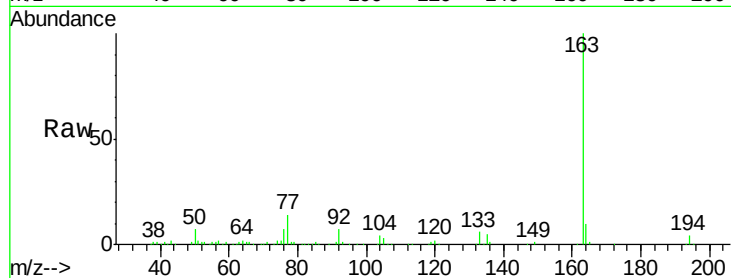
Tgt Ion:163 Resp: 350315

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

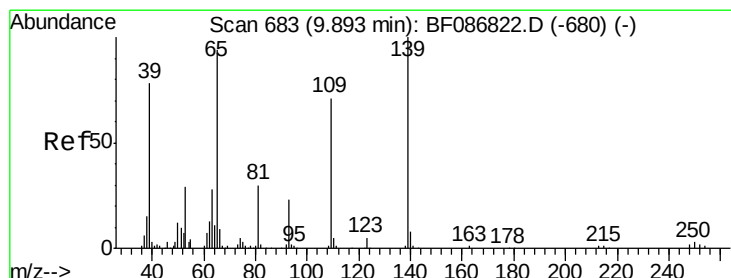
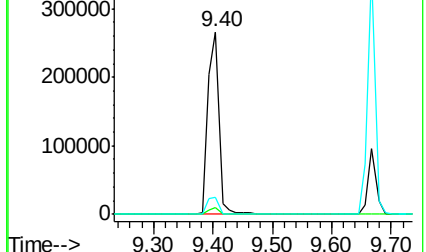
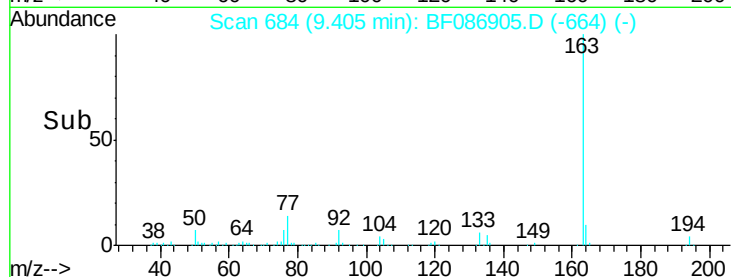
164 9.5 8.2 12.4



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



#55

4-Nitrophenol

Concen: 5.18 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

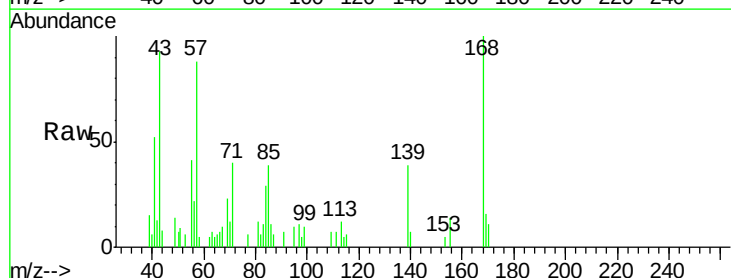
Tgt Ion:139 Resp: 2304

Ion Ratio Lower Upper

139 100

109 17.4 36.9 76.9#

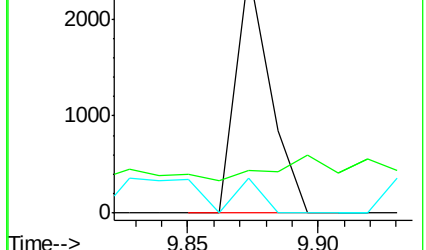
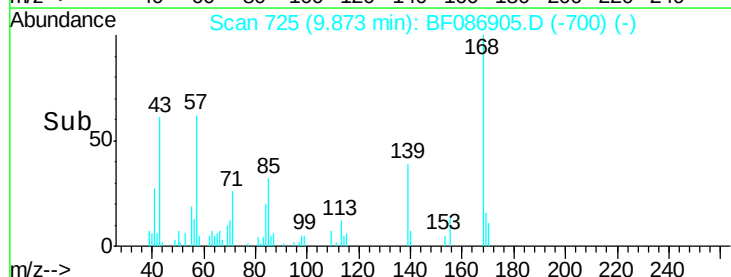
65 14.4 64.0 104.0#

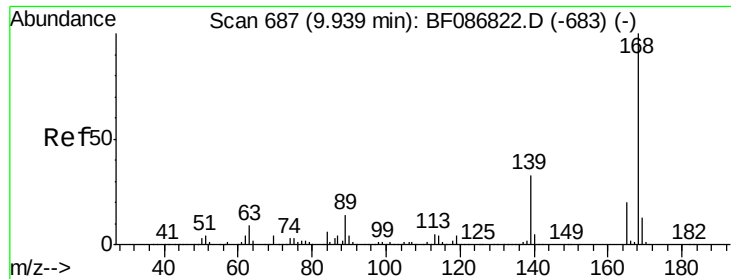


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

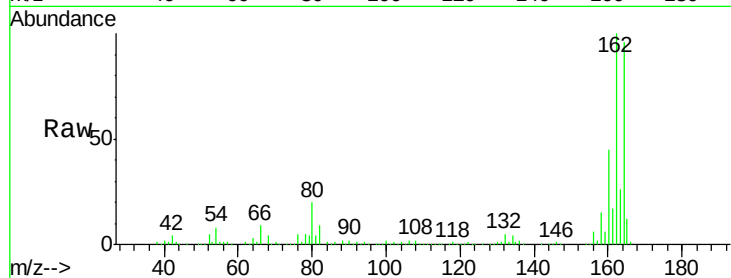




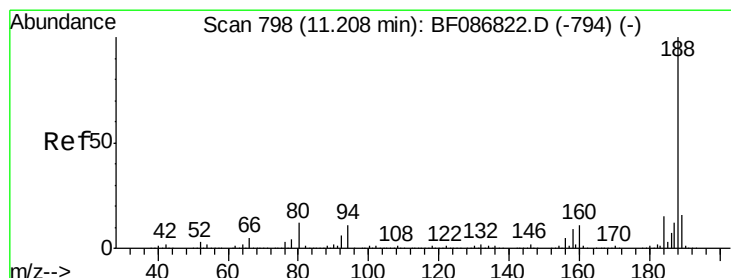
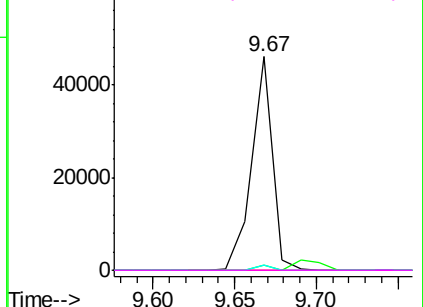
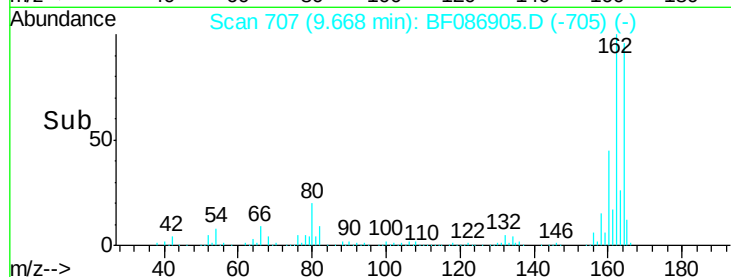
#56
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.27 min
Lab File: BF086905.D
Acq: 11 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
E20(16-16.5)

Tgt Ion:165 Resp: 40755
Ion Ratio Lower Upper
165 100
63 2.2 44.3 66.5#
89 2.2 70.0 105.0#
182 0.0 1.8 2.6#

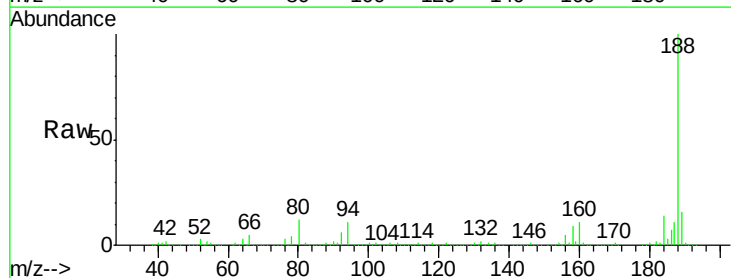


Abundance Ion 165.00 (164.70 to 165.70): E

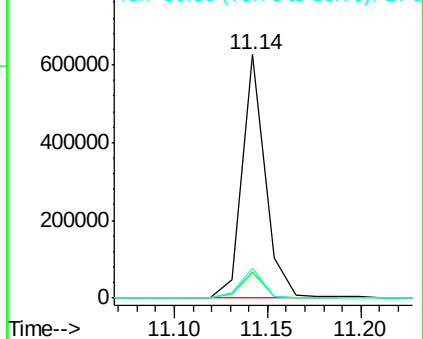
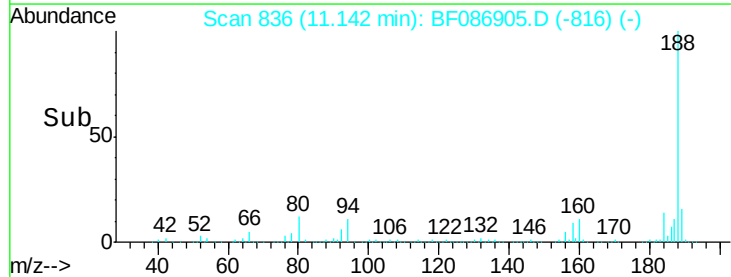


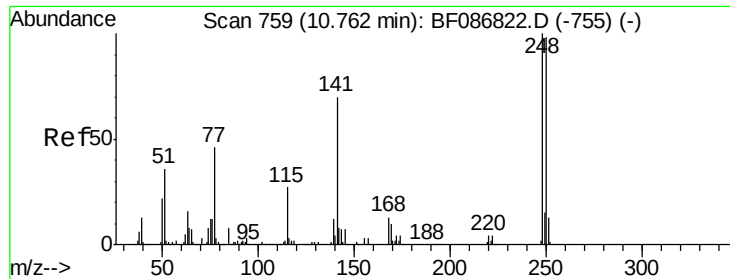
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.07 min
Lab File: BF086905.D
Acq: 11 May 2016 23:31

Tgt Ion:188 Resp: 542818
Ion Ratio Lower Upper
188 100
94 10.7 6.8 10.2#
80 12.2 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

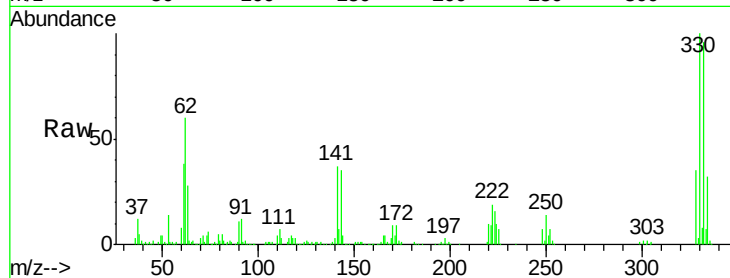




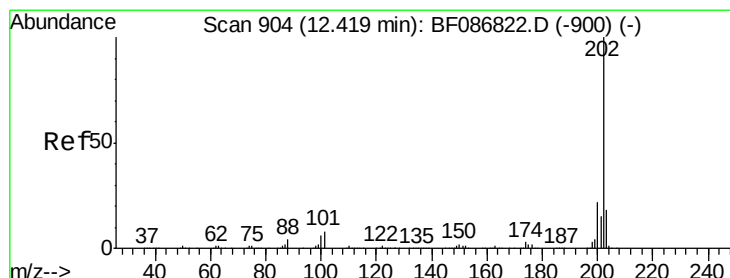
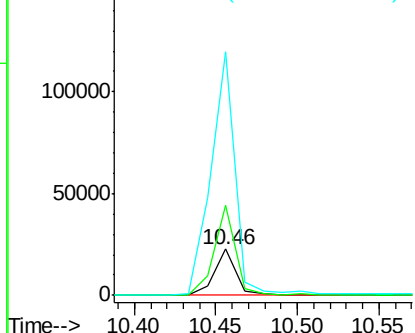
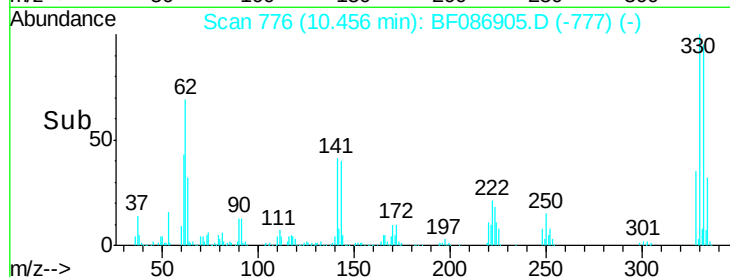
#66
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.31 min
Lab File: BF086905.D
Acq: 11 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
E20(16-16.5)

Tgt Ion:248 Resp: 20815
Ion Ratio Lower Upper
248 100
250 194.2 78.6 117.8#
141 526.5 76.0 114.0#

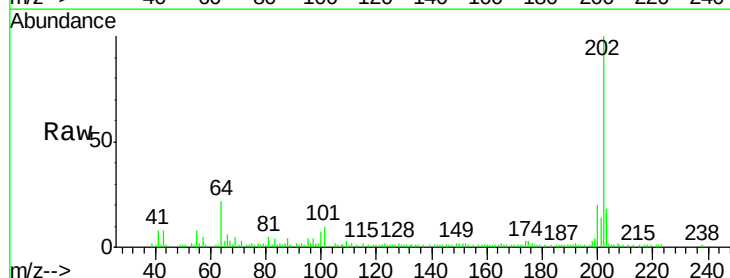


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

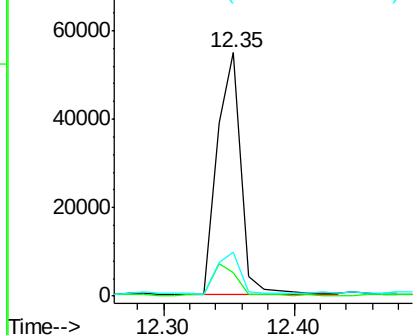
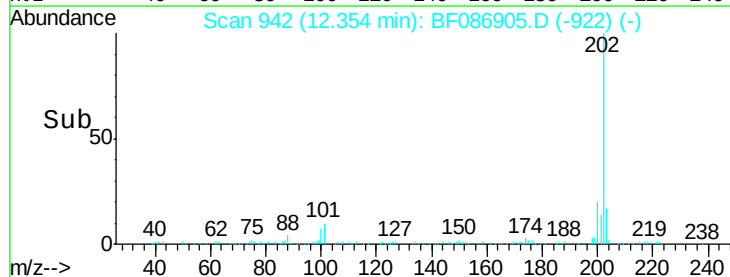


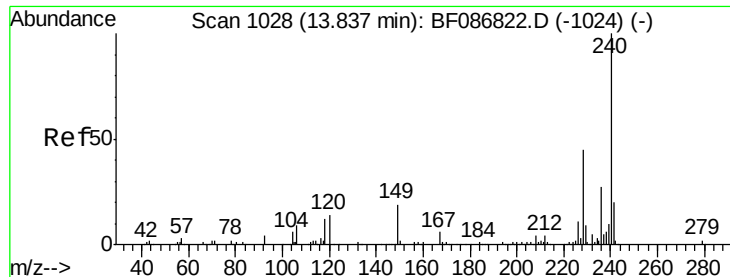
#74
Fluoranthene
Concen: 2.32 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.07 min
Lab File: BF086905.D
Acq: 11 May 2016 23:31

Tgt Ion:202 Resp: 69101
Ion Ratio Lower Upper
202 100
101 9.6 0.0 35.4
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.07 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

E20(16-16.5)

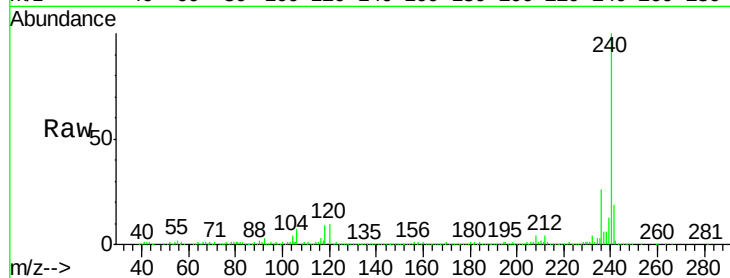
Tgt Ion:240 Resp: 406458

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

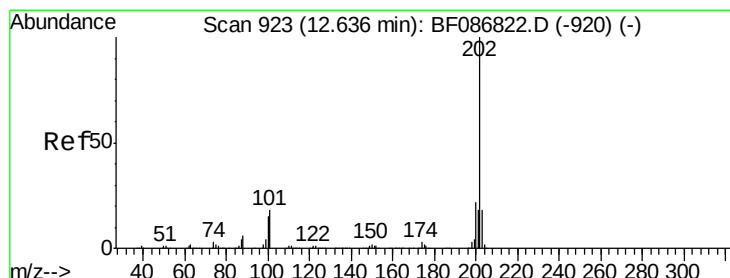
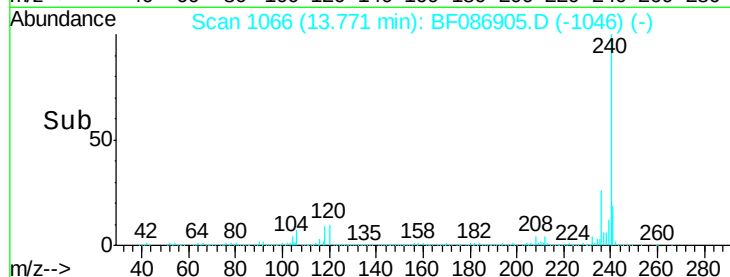
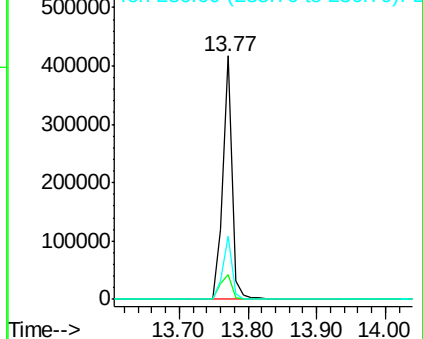
236 26.1 21.2 31.8



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



#77

Pyrene

Concen: 2.10 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.07 min

Lab File: BF086905.D

Acq: 11 May 2016 23:31

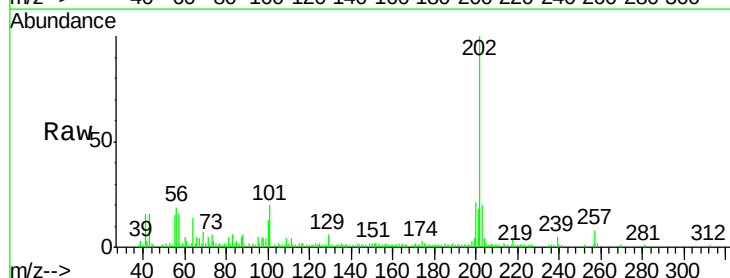
Tgt Ion:202 Resp: 65446

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

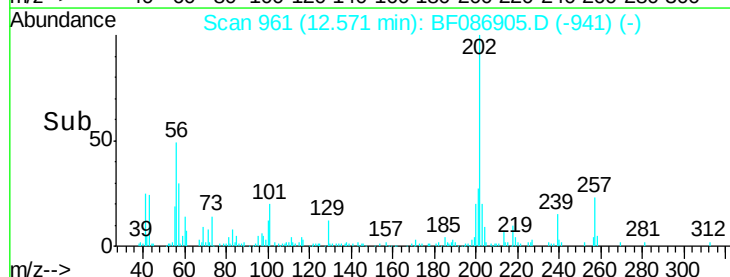
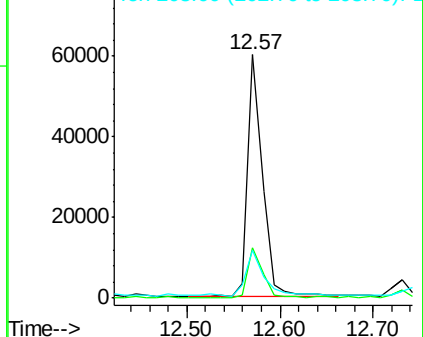
203 19.6 14.2 21.4

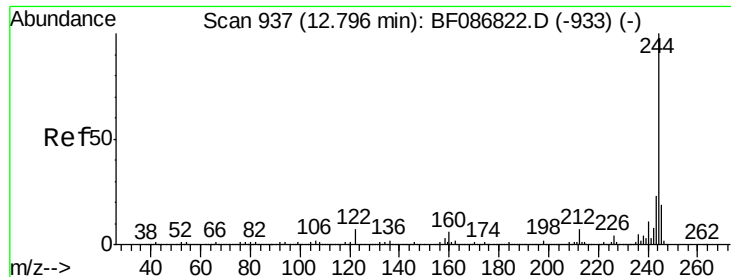


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

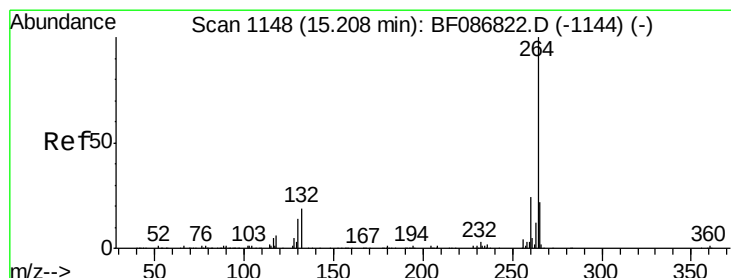
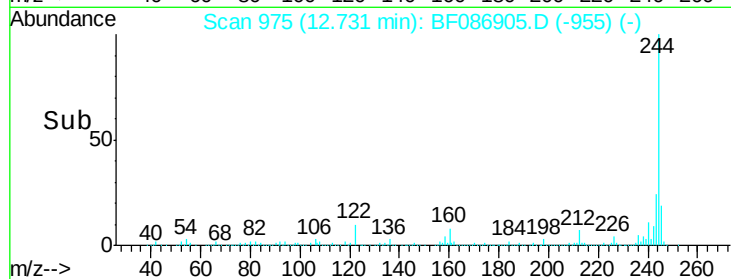
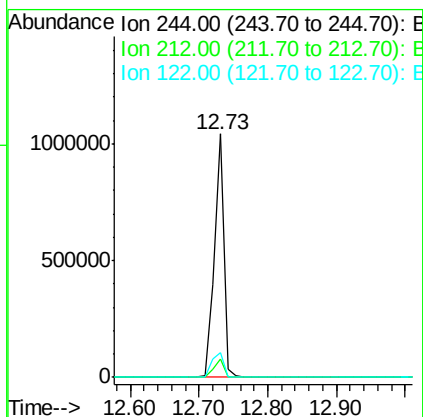
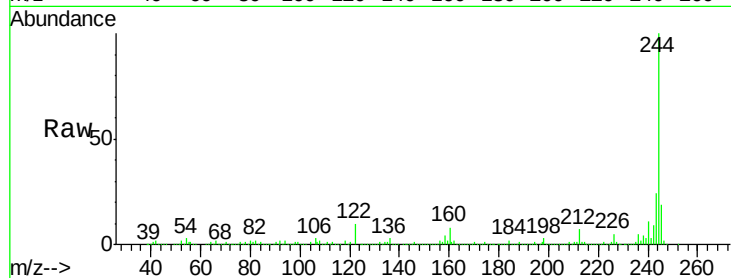




#78
 Terphenyl-d14
 Concen: 53.76 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.07 min
 Lab File: BF086905.D
 Acq: 11 May 2016 23:31

Instrument :
 BNA_F
 ClientSampled :
 E20(16-16.5)

Tgt Ion:244 Resp: 1029797
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 10.2 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.08 min
 Lab File: BF086905.D
 Acq: 11 May 2016 23:31

Tgt Ion:264 Resp: 317250
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.6 17.3 25.9

