

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089902.D
 Acq On : 25 Aug 2016 5:05
 Operator : UM/SJ
 Sample : H4576-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-03

Quant Time: Aug 25 12:28:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

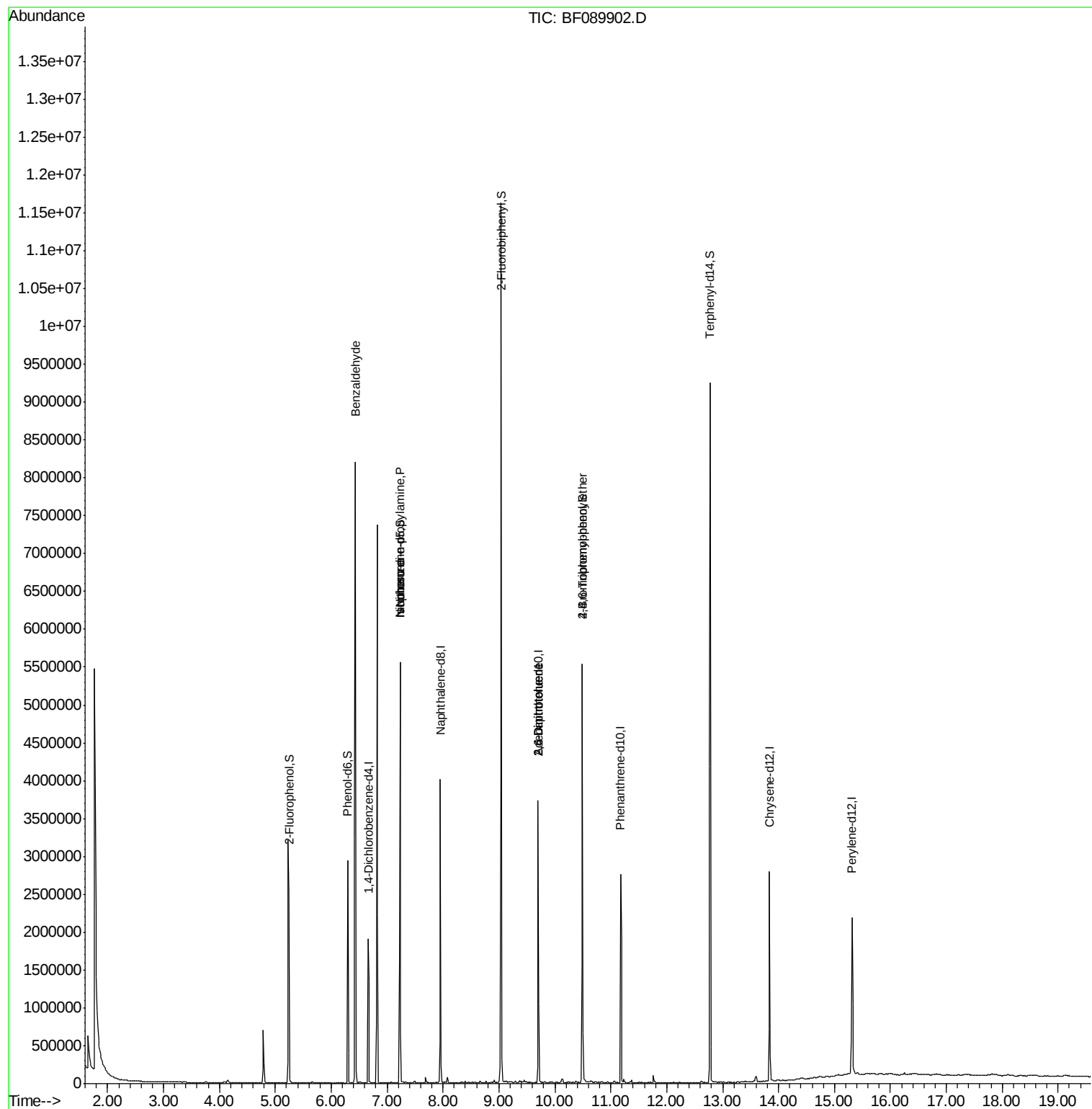
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	407326	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1691918	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	739501	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1324370	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	938165	20.00	ng	-0.03
86) Perylene-d12	15.31	264	893050	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1405613	59.18	ng	-0.01
7) Phenol-d6	6.30	99	981954	33.68	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1963683	72.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	689484	98.11	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3687012	87.63	ng	-0.01
78) Terphenyl-d14	12.78	244	3040384	73.32	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	52019	2.74	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.23	70	256753	13.77	ng	# 72
25) Isophorone	7.23	82	1544370	28.12	ng	# 67
50) 2,6-Dinitrotoluene	9.70	165	97285	8.09	ng	# 26
56) 2,4-Dinitrotoluene	9.70	165	97593	6.26	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	42634	3.07	ng	# 1

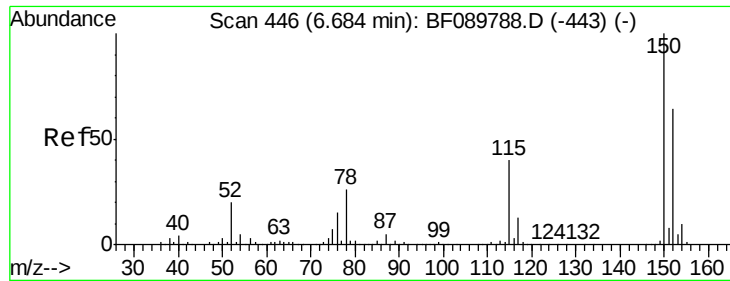
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EB-03

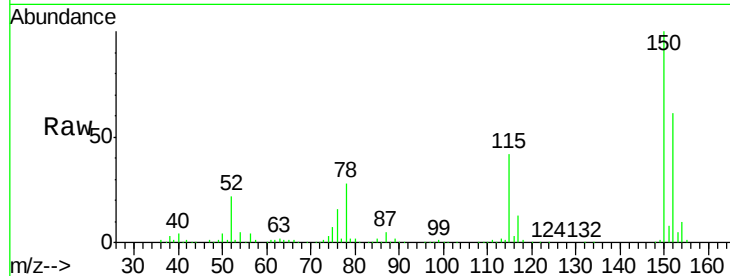
Tgt Ion:152 Resp: 407326

Ion Ratio Lower Upper

152 100

150 163.1 125.3 187.9

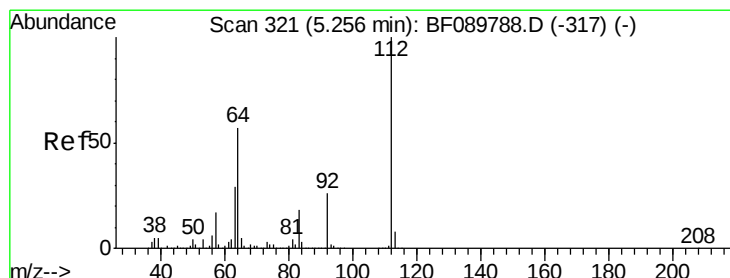
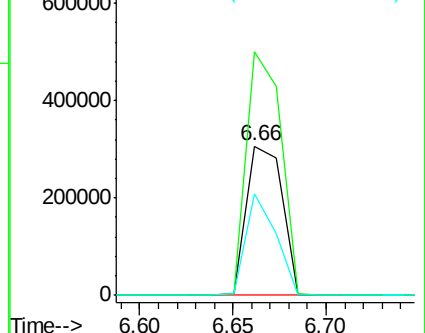
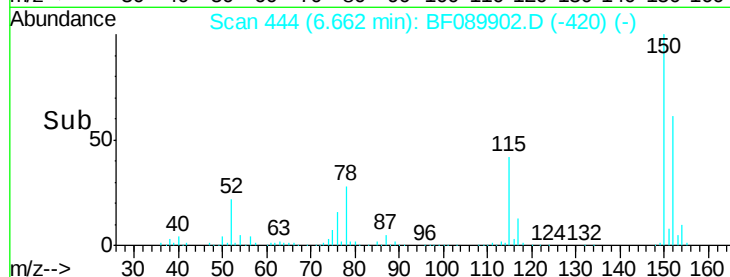
115 68.1 40.9 61.3#



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: 59.18 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

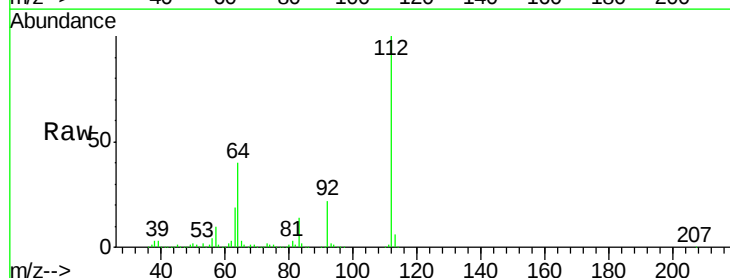
Tgt Ion:112 Resp: 1405613

Ion Ratio Lower Upper

112 100

64 40.2 45.0 67.4#

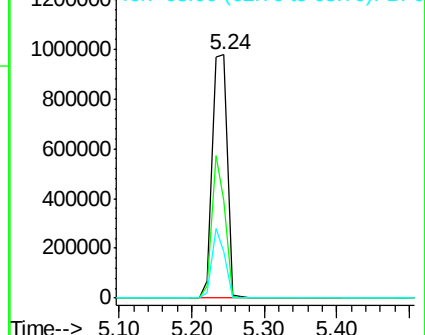
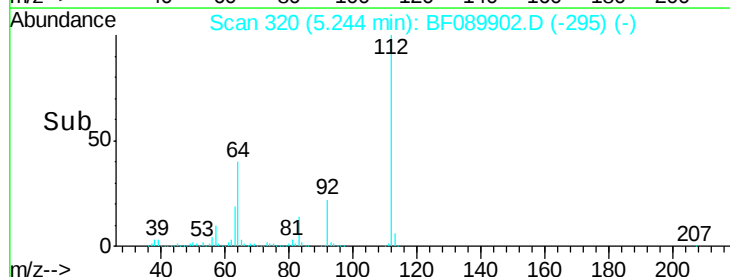
63 19.3 23.1 34.7#



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: 33.68 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EB-03

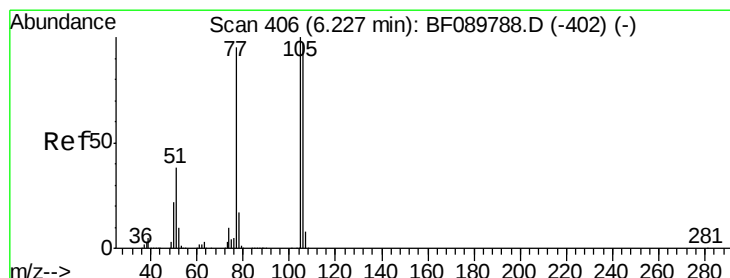
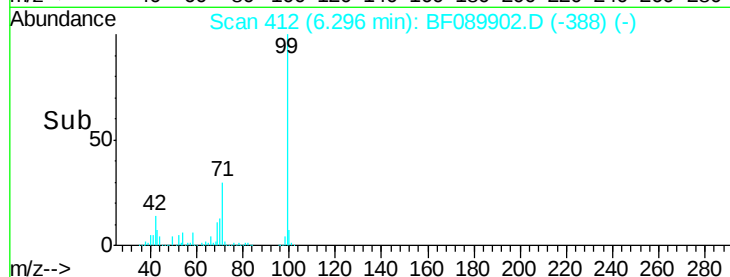
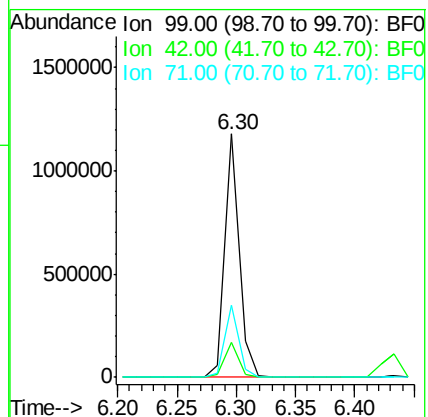
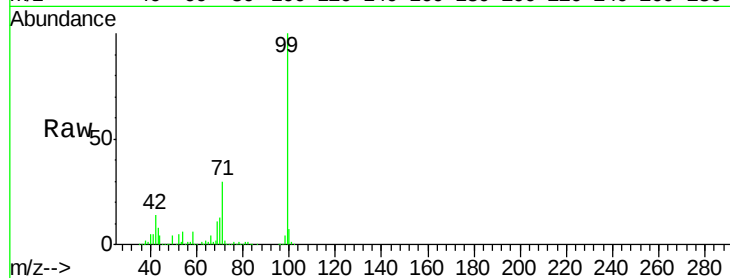
Tgt Ion: 99 Resp: 981954

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.4

71 29.7 23.8 35.8



#9

Benzaldehyde

Concen: 2.74 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.21 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

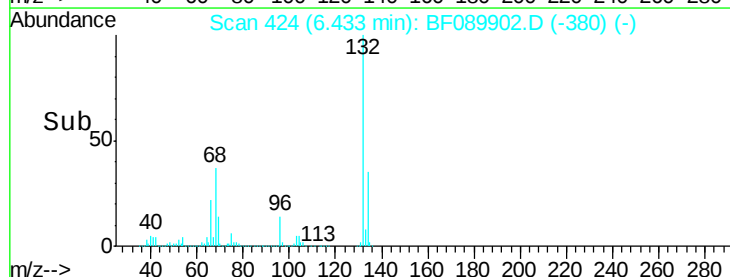
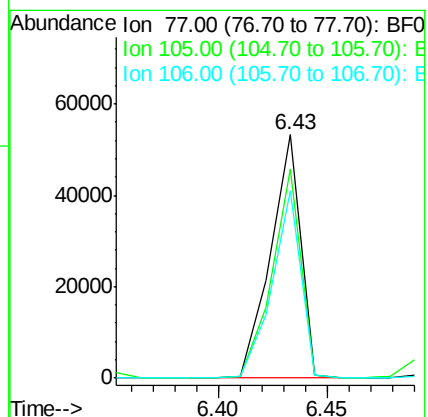
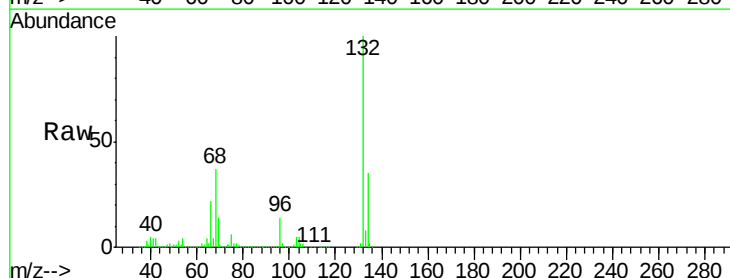
Tgt Ion: 77 Resp: 52019

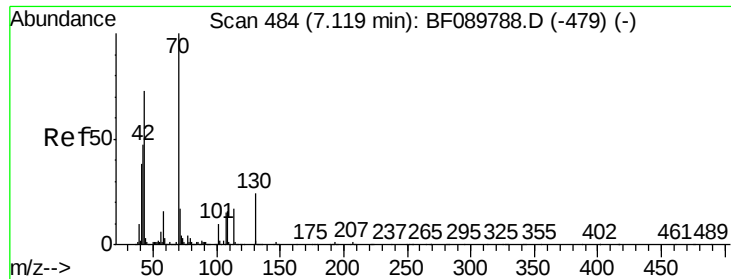
Ion Ratio Lower Upper

77 100

105 85.6 73.3 113.3

106 76.9 68.6 108.6

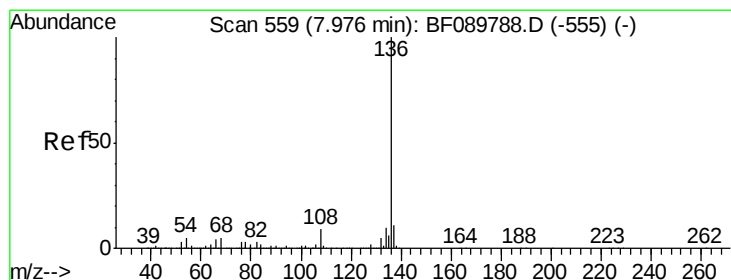
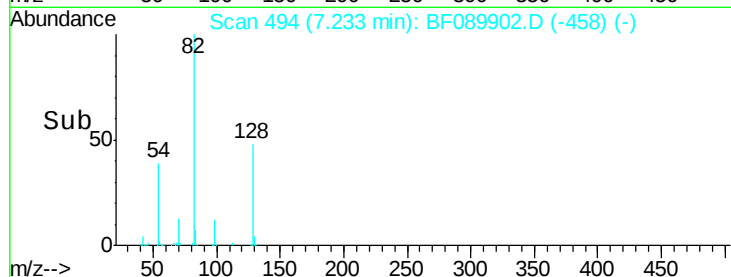
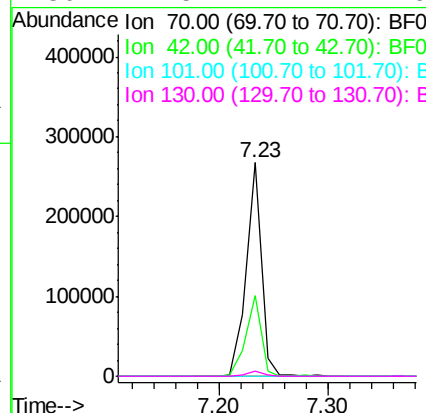
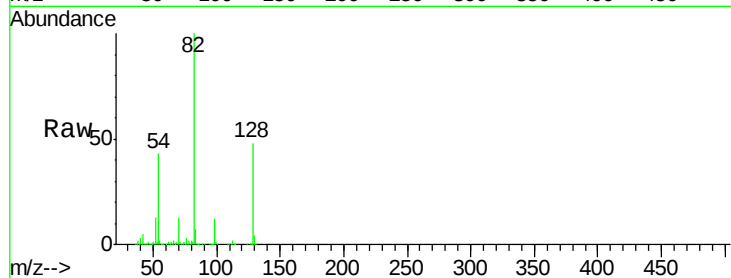




#19
n-Nitroso-di-n-propylamine
Concen: 13.77 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089902.D
Acq: 25 Aug 2016 5:05

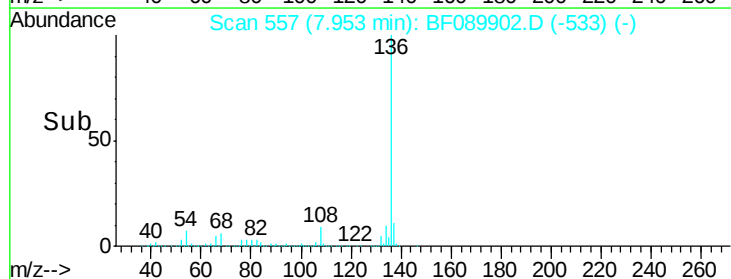
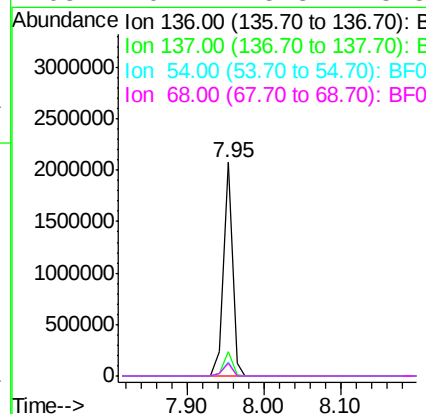
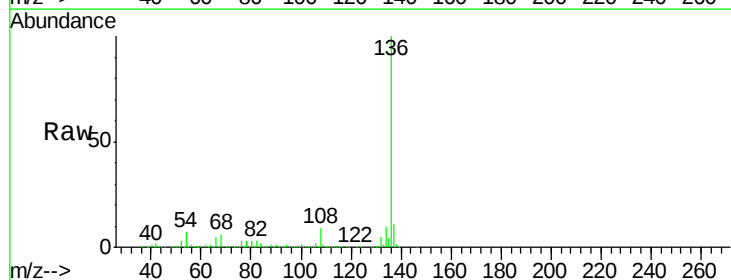
Instrument :
BNA_F
ClientSampleId :
EB-03

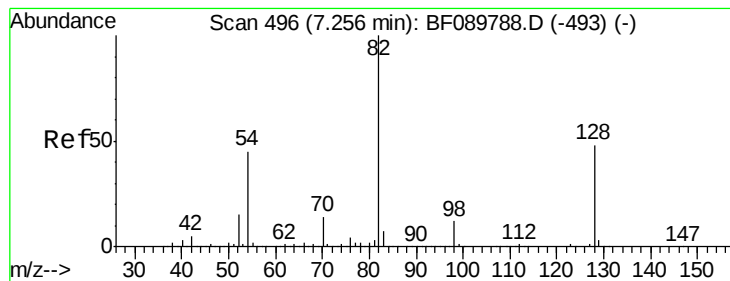
Tgt Ion:	70	Resp:	256753
Ion	Ratio	Lower	Upper
70	100		
42	37.8	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089902.D
Acq: 25 Aug 2016 5:05

Tgt Ion:	136	Resp:	1691918
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.6	7.2	10.8#
68	6.1	5.8	8.8





#23

Nitrobenzene-d5

Concen: 72.10 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Instrument :

BNA_F

ClientSampled :

EB-03

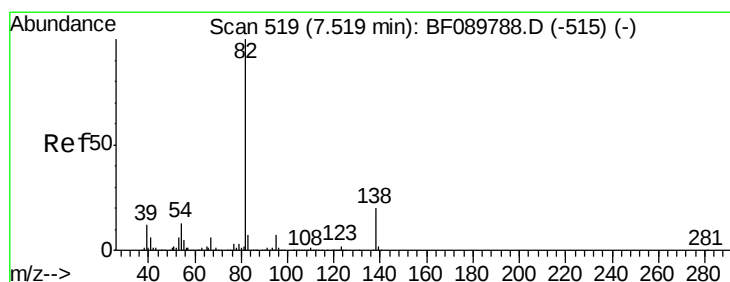
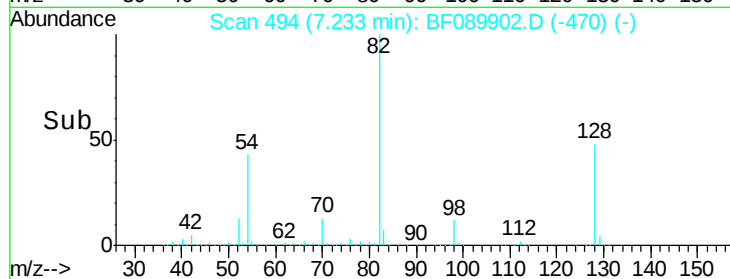
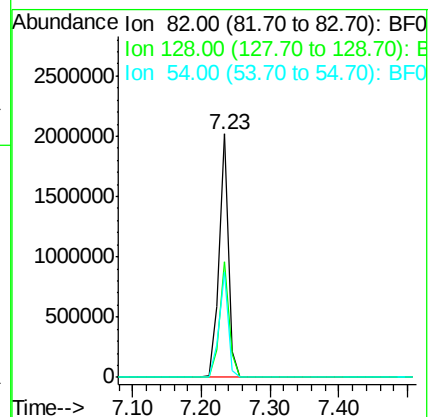
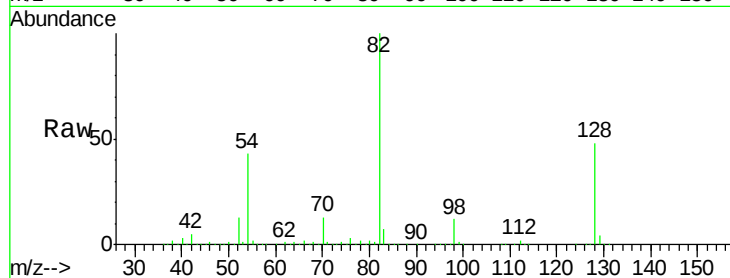
Tgt Ion: 82 Resp: 1963683

Ion Ratio Lower Upper

82 100

128 47.7 34.4 51.6

54 43.4 40.3 60.5



#25

Isophorone

Concen: 28.12 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.29 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

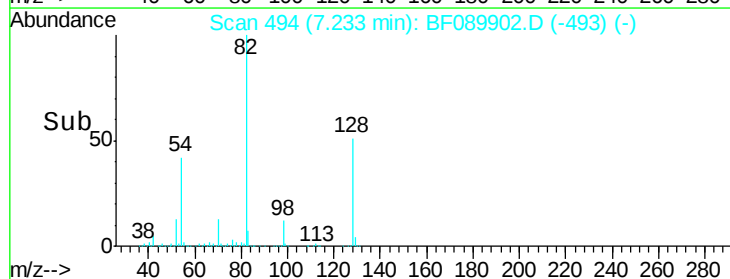
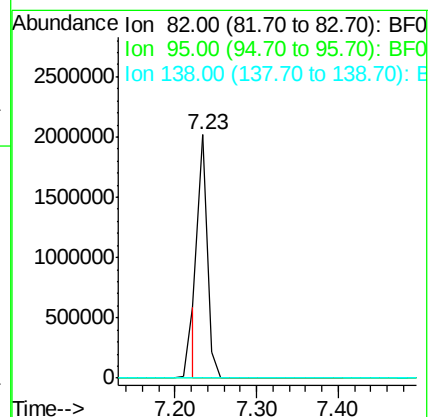
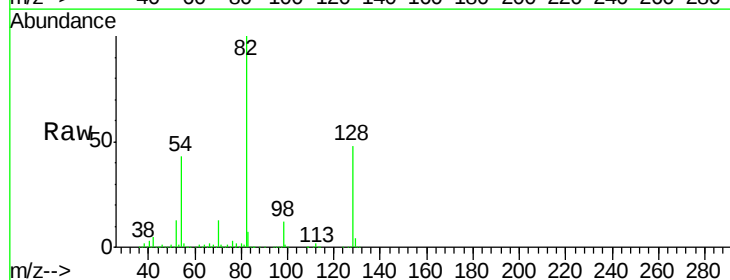
Tgt Ion: 82 Resp: 1544370

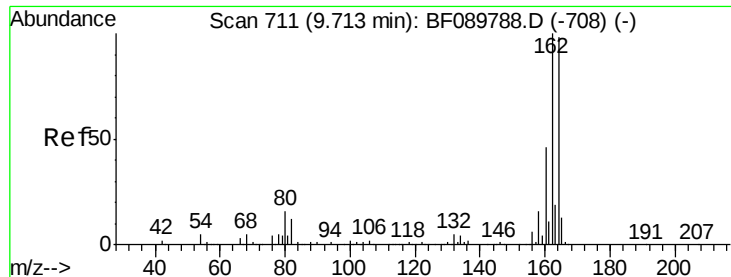
Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.0 19.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Instrument :

BNA_F

ClientSampled :

EB-03

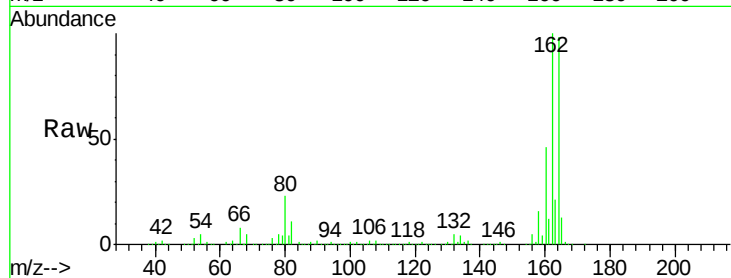
Tgt Ion:164 Resp: 739501

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

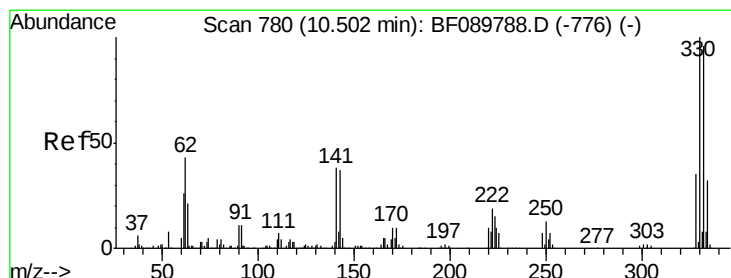
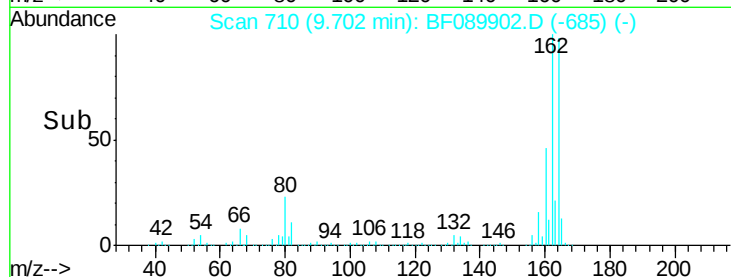
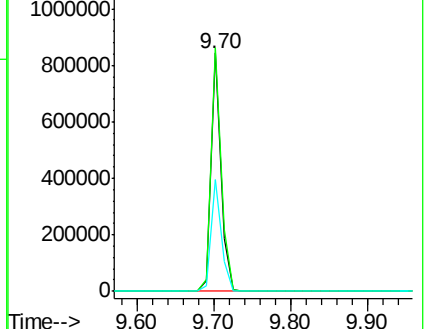
160 47.0 37.8 56.6



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: 98.11 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

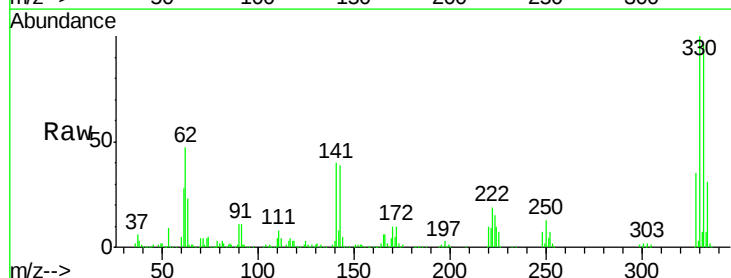
Tgt Ion:330 Resp: 689484

Ion Ratio Lower Upper

330 100

332 96.9 76.7 115.1

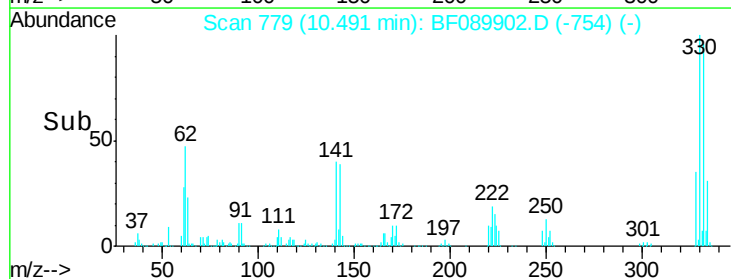
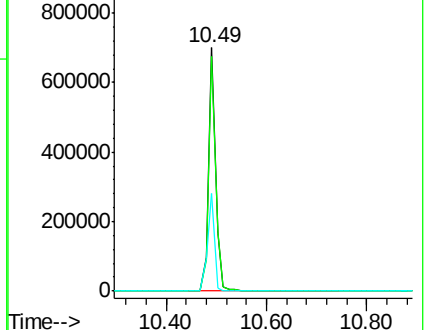
141 39.6 30.2 45.2

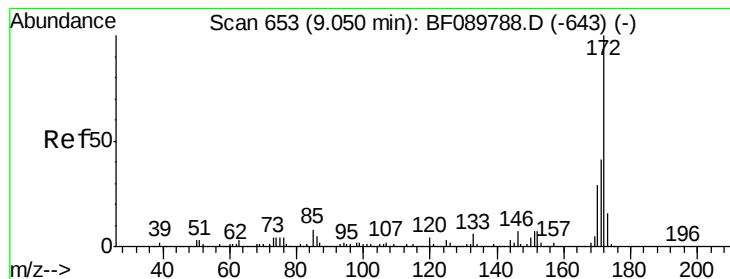


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.63 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EB-03

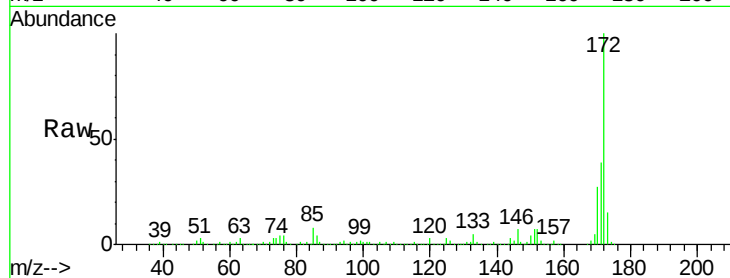
Tgt Ion:172 Resp: 3687012

Ion Ratio Lower Upper

172 100

171 39.1 30.5 45.7

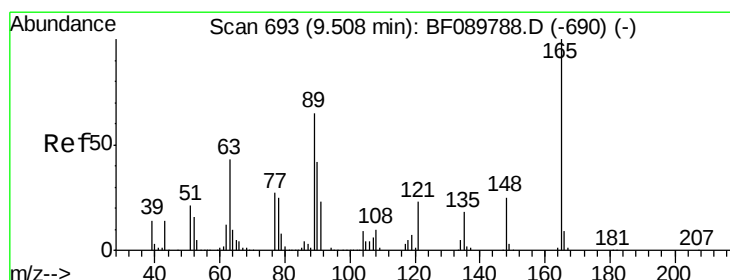
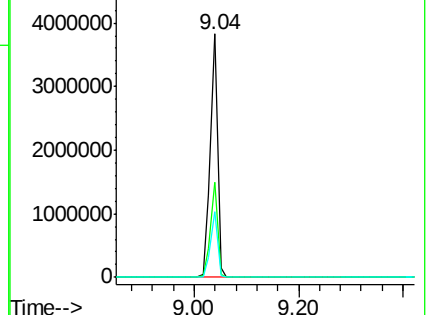
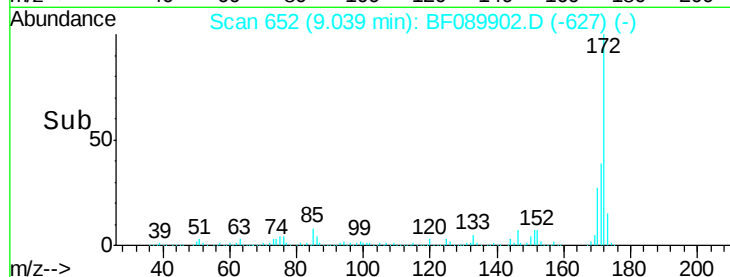
170 26.9 20.6 31.0



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: 8.09 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.19 min

Lab File: BF089902.D

Acq: 25 Aug 2016 5:05

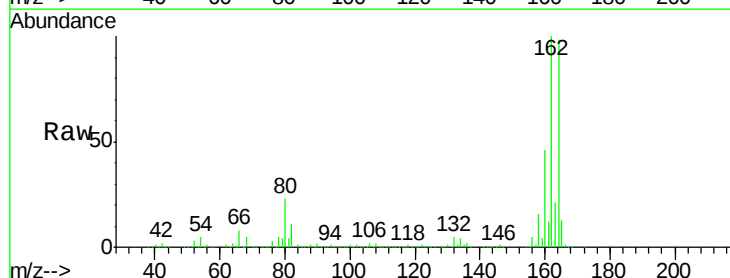
Tgt Ion:165 Resp: 97285

Ion Ratio Lower Upper

165 100

63 1.2 41.7 62.5#

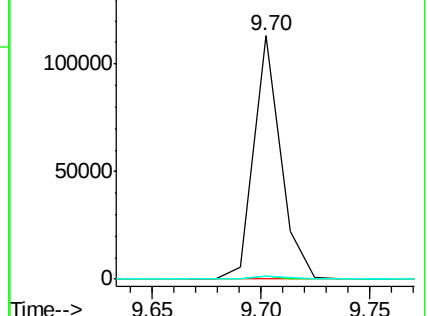
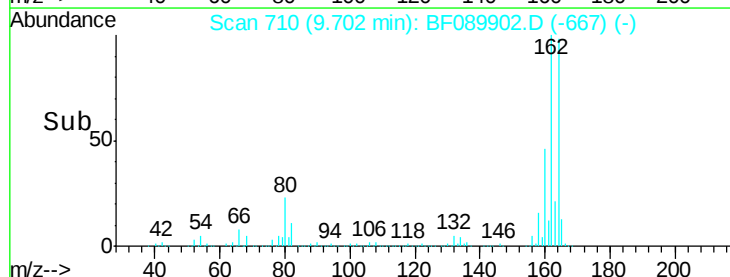
89 1.2 44.6 67.0#

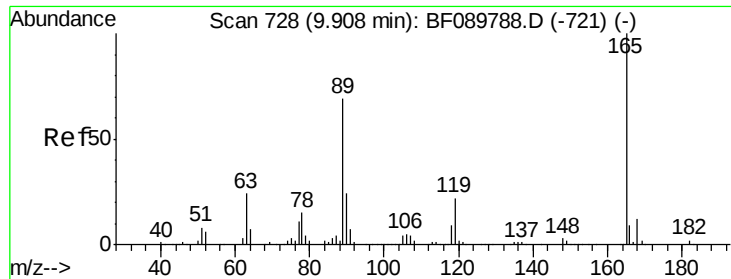


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

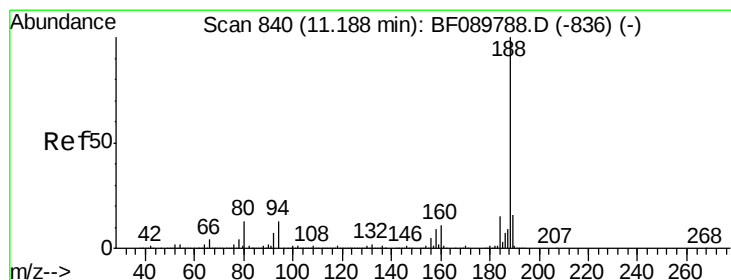
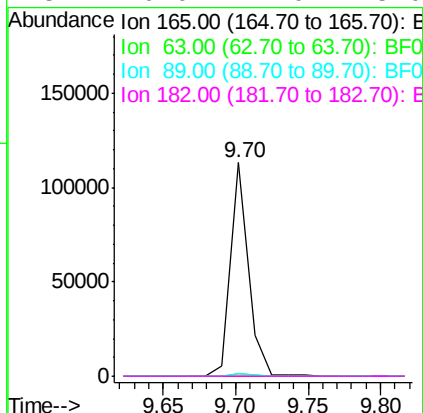
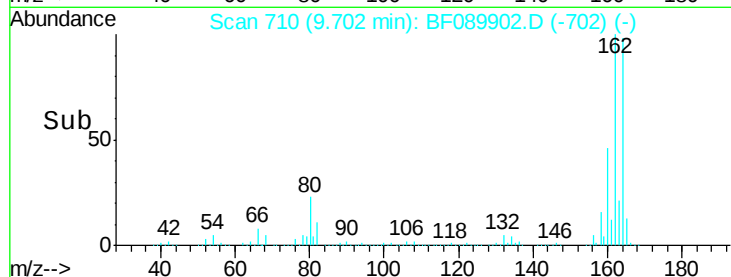
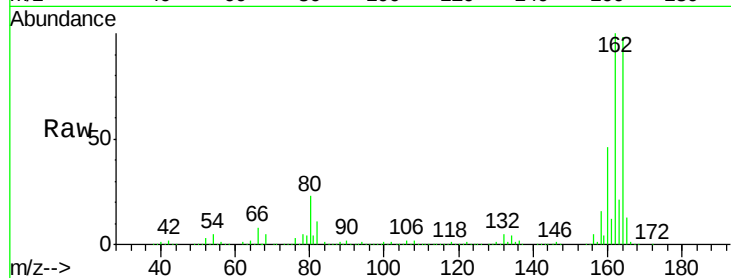




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.21 min
 Lab File: BF089902.D
 Acq: 25 Aug 2016 5:05

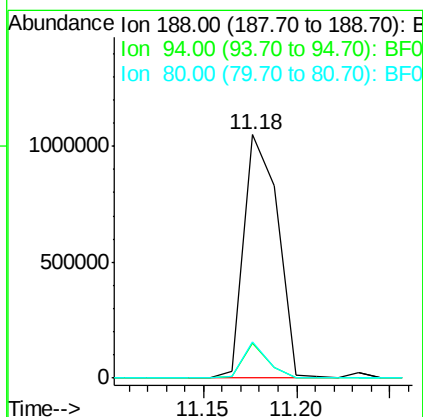
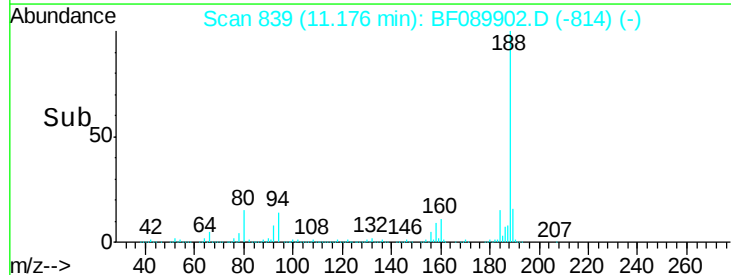
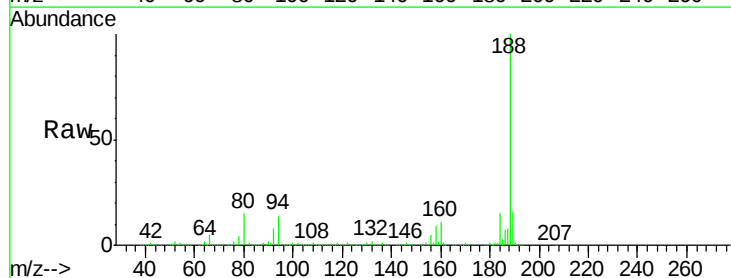
Instrument :
 BNA_F
 ClientSampleId :
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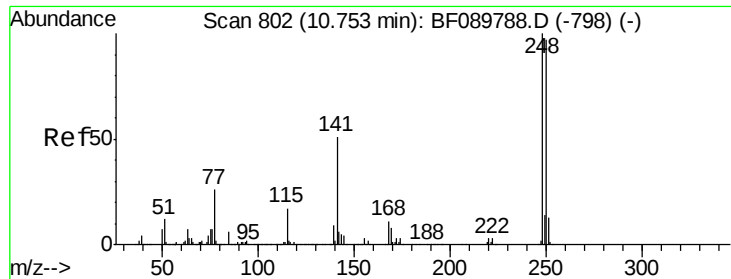
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	23.7	35.5#
89	1.2	44.0	66.0#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089902.D
 Acq: 25 Aug 2016 5:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.3	10.2	15.2
80	15.0	10.9	16.3

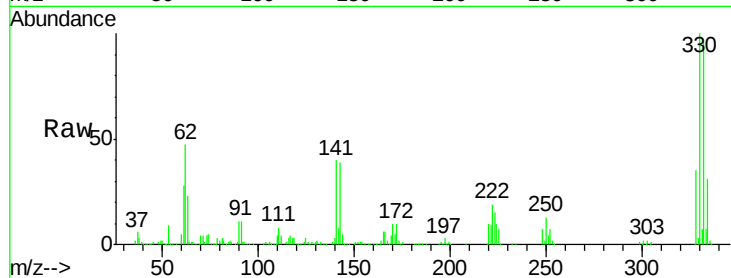




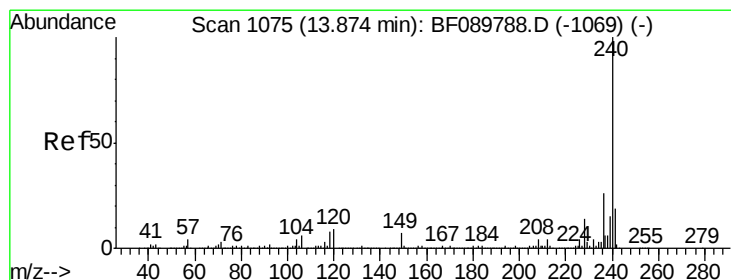
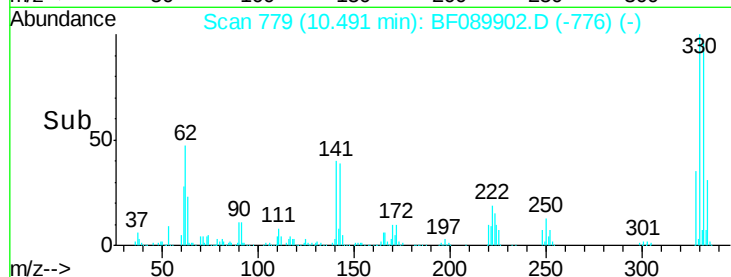
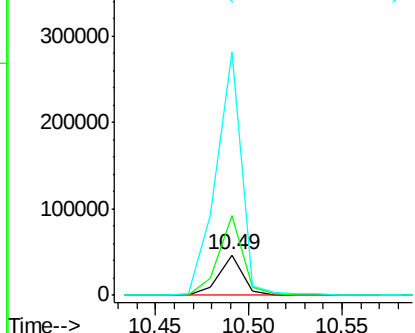
#66
 4-Bromophenyl-phenylether
 Concen: 3.07 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.26 min
 Lab File: BF089902.D
 Acq: 25 Aug 2016 5:05

Instrument :
 BNA_F
 ClientSampleId :
 EB-03

Tgt Ion:248 Resp: 42634
 Ion Ratio Lower Upper
 248 100
 250 199.2 78.6 117.8#
 141 604.3 31.4 47.2#

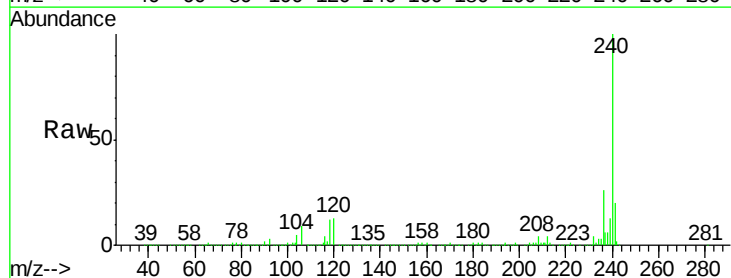


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

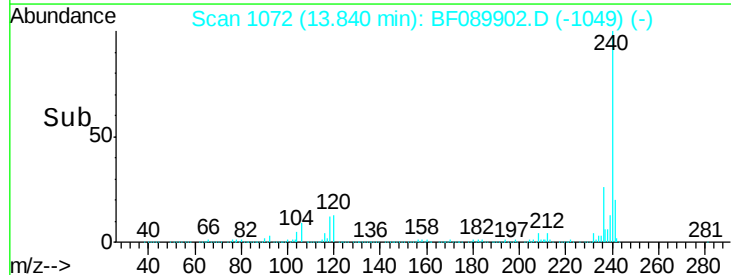
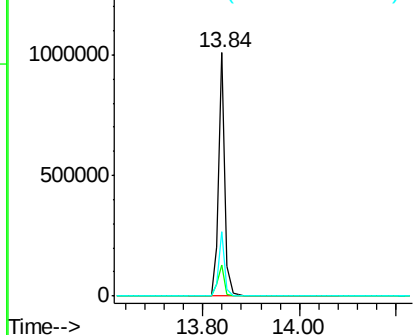


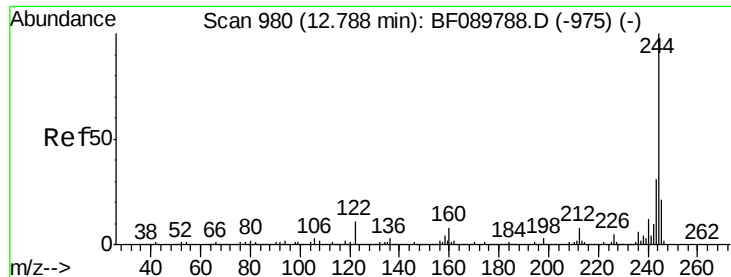
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF089902.D
 Acq: 25 Aug 2016 5:05

Tgt Ion:240 Resp: 938165
 Ion Ratio Lower Upper
 240 100
 120 13.0 8.3 12.5#
 236 26.3 21.3 31.9



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

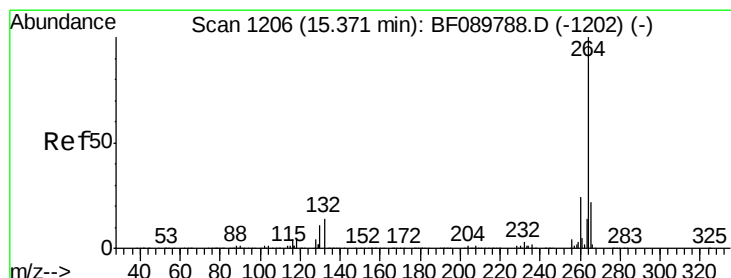
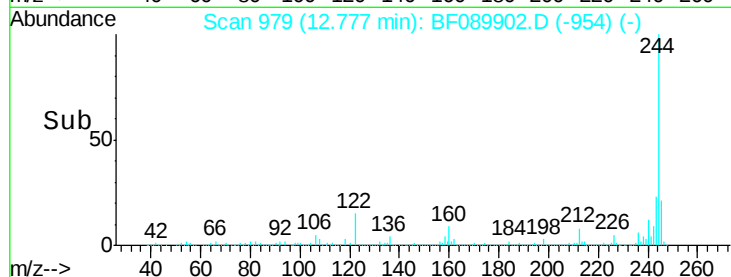
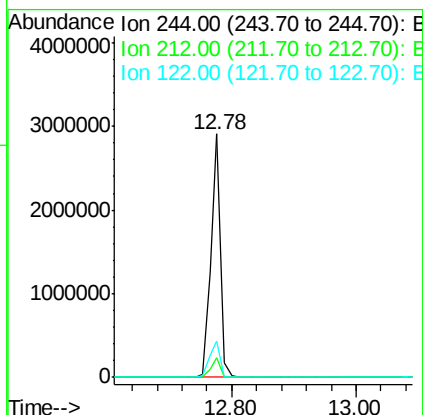
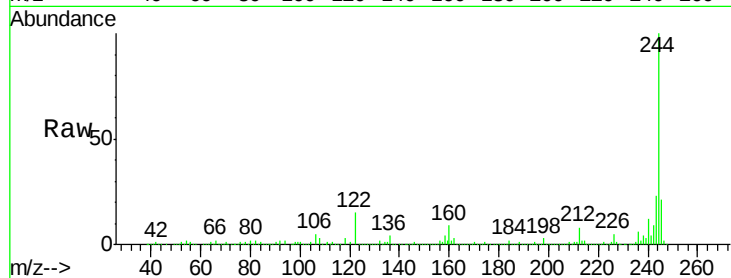




#78
 Terphenyl-d14
 Concen: 73.32 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF089902.D
 Acq: 25 Aug 2016 5:05

Instrument :
 BNA_F
 ClientSampleId :
 EB-03

Tgt Ion:244 Resp: 3040384
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 14.9 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.06 min
 Lab File: BF089902.D
 Acq: 25 Aug 2016 5:05

Tgt Ion:264 Resp: 893050
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.2 30.2
 265 21.4 17.4 26.2

