

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089286.D
 Acq On : 25 Jul 2016 19:44
 Operator : UM/SJ
 Sample : H4207-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WW-1

Quant Time: Jul 26 00:57:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

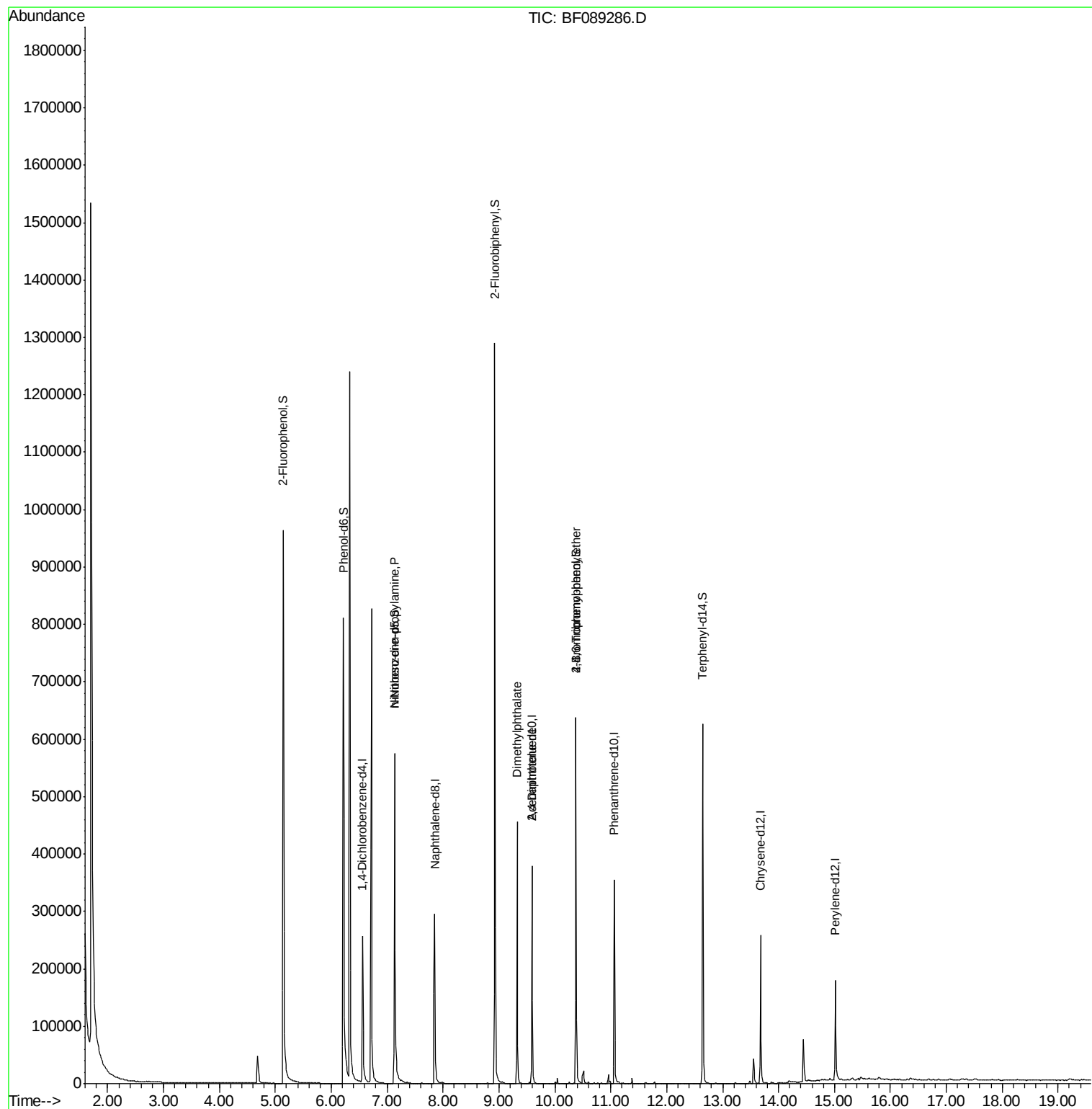
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	50707	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	194021	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	83790	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	144024	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	99008	20.00	ng	-0.01
86) Perylene-d12	15.02	264	81724	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	335526	100.64	ng	0.00
7) Phenol-d6	6.22	99	428603	99.69	ng	-0.01
23) Nitrobenzene-d5	7.13	82	269010	73.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	67747	89.80	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	427570	70.31	ng	-0.01
78) Terphenyl-d14	12.64	244	277762	60.85	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.22	77	274	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	34926	12.42 ng	#	83
49) Dimethylphthalate	9.32	163	179518	27.92 ng		98
56) 2,4-Dinitrotoluene	9.59	165	10230	5.47 ng	#	10
66) 4-Bromophenyl-phenylether	10.38	248	5510	3.87 ng	#	1

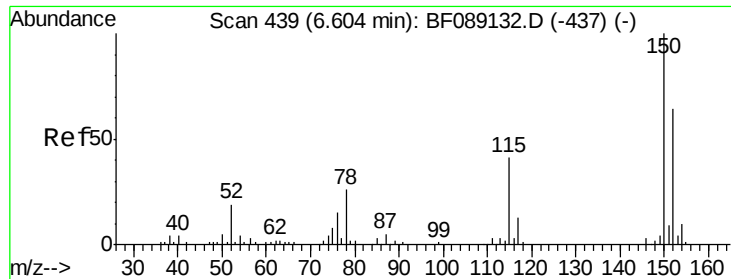
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF089286.D

Acq: 25 Jul 2016 19:44

Instrument :

BNA_F

ClientSampleId :

WW-1

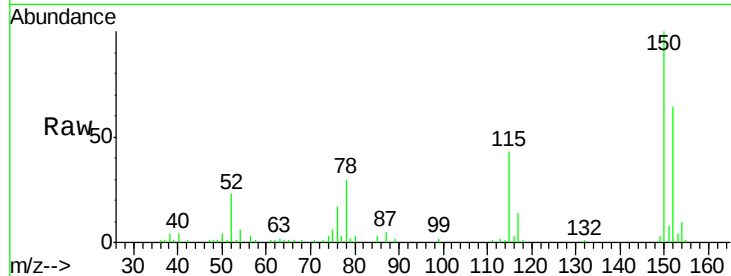
Tgt Ion:152 Resp: 50707

Ion Ratio Lower Upper

152 100

150 157.5 125.1 187.7

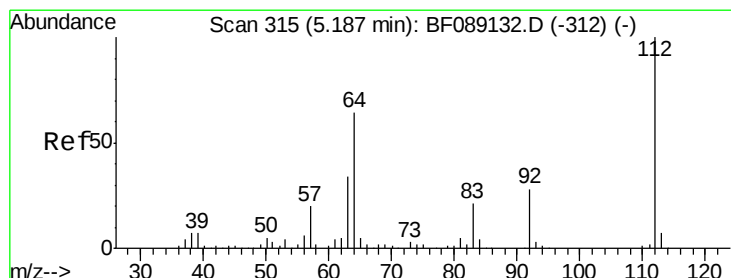
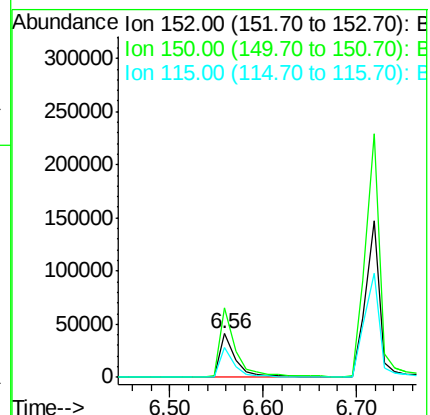
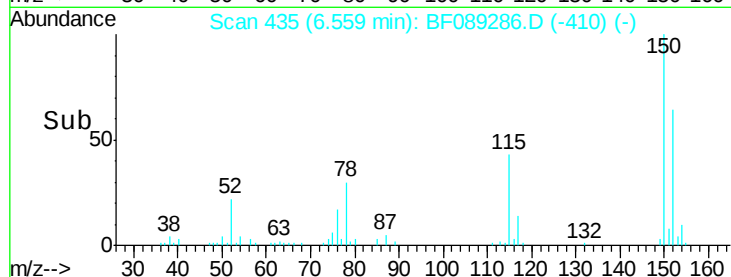
115 67.4 51.1 76.7



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: 100.64 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF089286.D

Acq: 25 Jul 2016 19:44

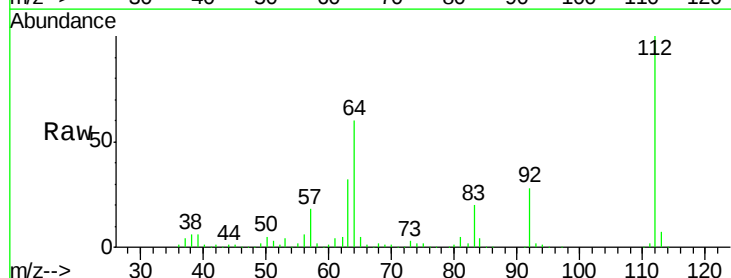
Tgt Ion:112 Resp: 335526

Ion Ratio Lower Upper

112 100

64 60.1 51.0 76.4

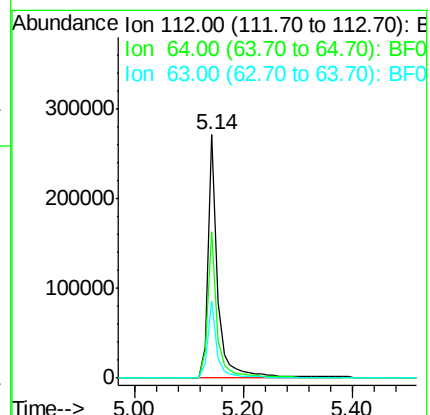
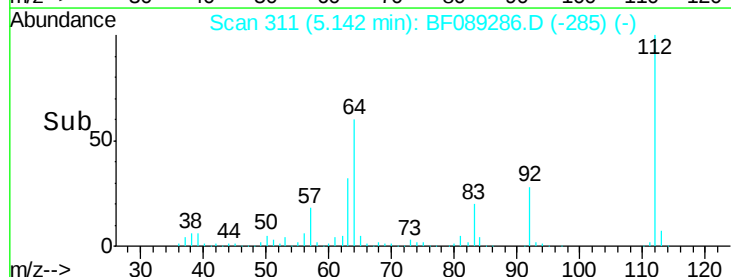
63 31.7 27.3 40.9

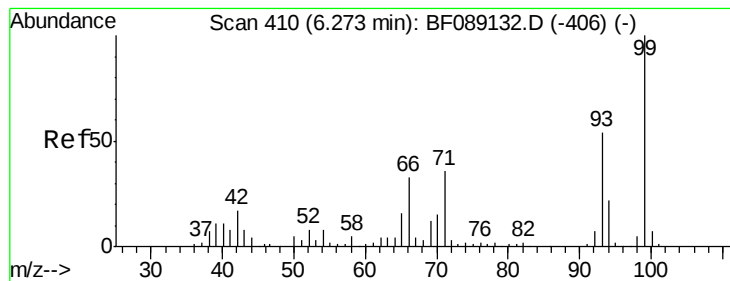


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.69 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089286.D

Acq: 25 Jul 2016 19:44

Instrument :

BNA_F

ClientSampleId :

WW-1

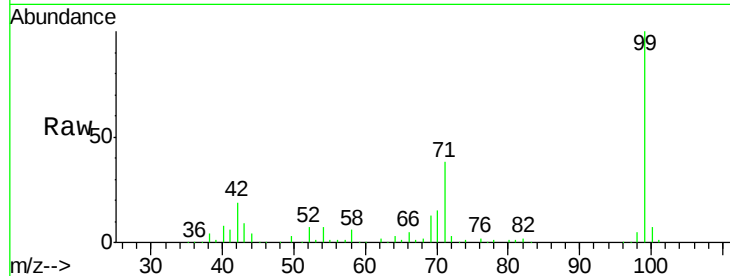
Tgt Ion: 99 Resp: 428603

Ion Ratio Lower Upper

99 100

42 19.3 13.5 20.3

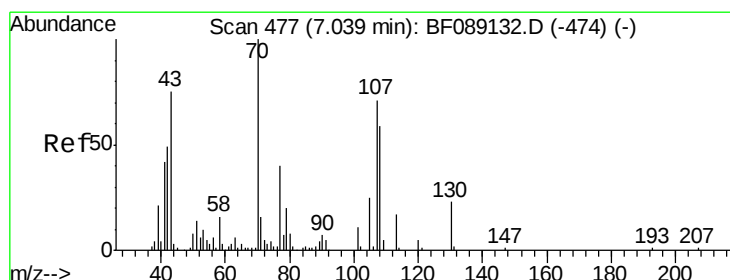
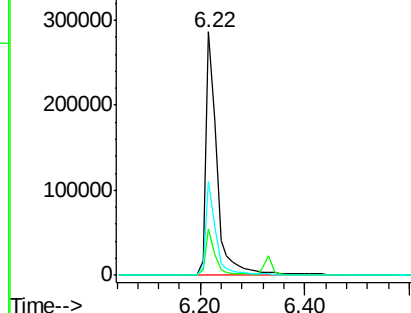
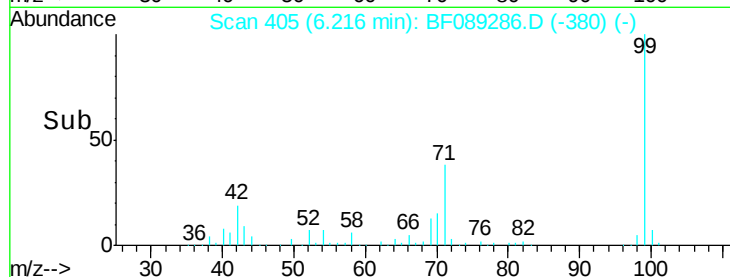
71 38.5 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.42 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089286.D

Acq: 25 Jul 2016 19:44

Tgt Ion: 70 Resp: 34926

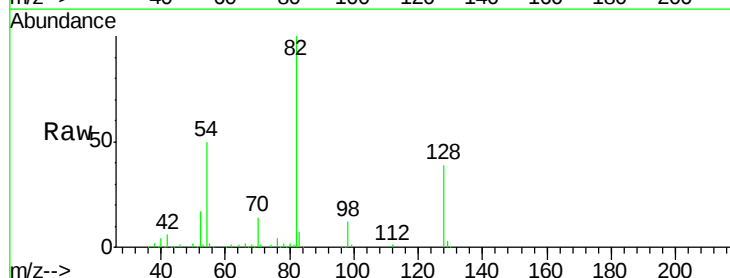
Ion Ratio Lower Upper

70 100

42 47.8 39.2 58.8

101 0.0 8.5 12.7#

130 2.1 18.4 27.6#

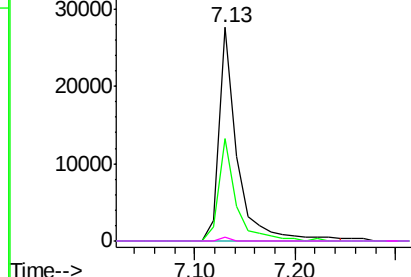
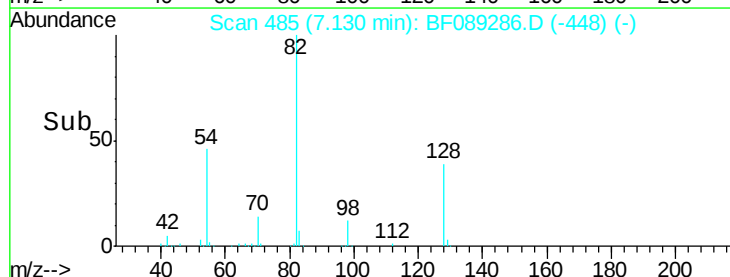


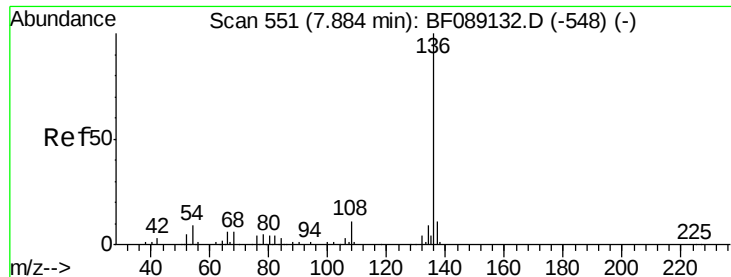
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

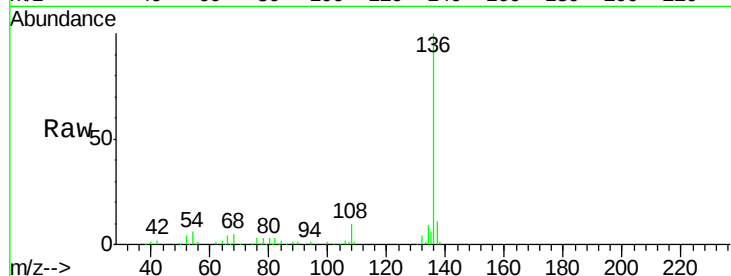




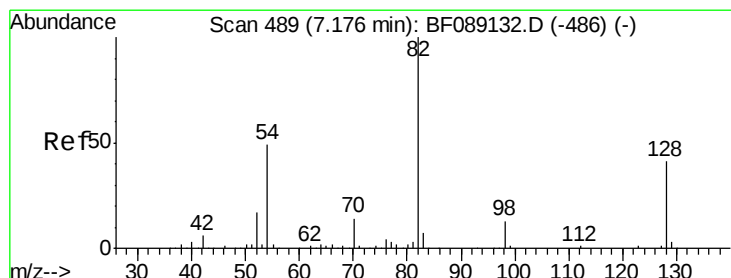
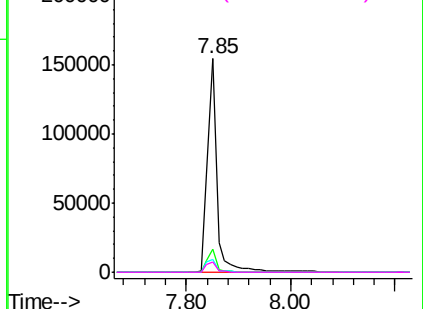
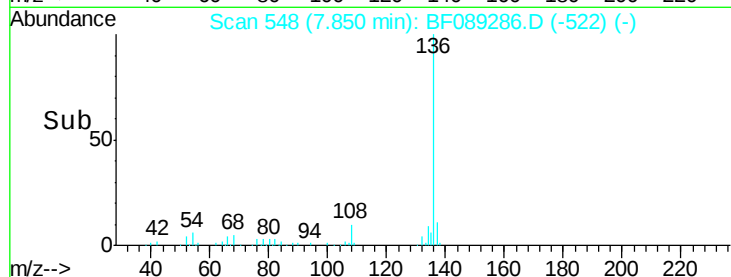
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089286.D
Acq: 25 Jul 2016 19:44

Instrument :
BNA_F
ClientSampleId :
WW-1

Tgt Ion:	136	Resp:	194021
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.0	7.0	10.4#
68	4.7	5.0	7.6#

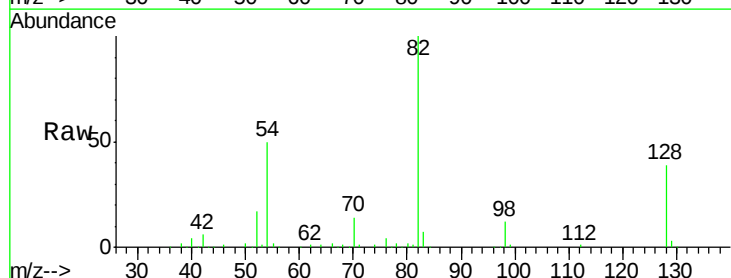


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

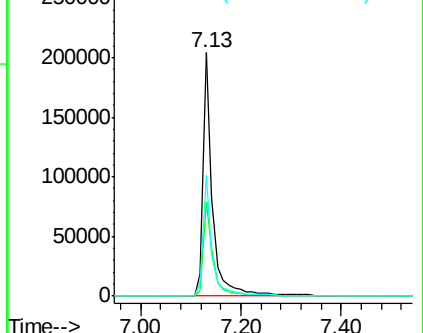
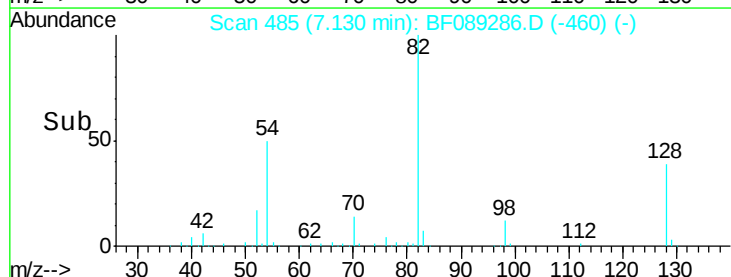


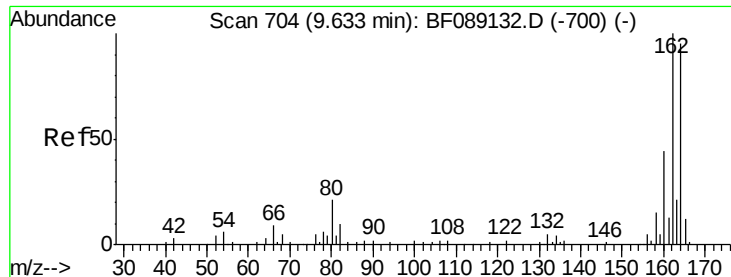
#23
Nitrobenzene-d5
Concen: 73.67 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089286.D
Acq: 25 Jul 2016 19:44

Tgt Ion:	82	Resp:	269010
Ion	Ratio	Lower	Upper
82	100		
128	38.6	33.0	49.6
54	49.6	39.0	58.4



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF089286.D

Acq: 25 Jul 2016 19:44

Instrument :

BNA_F

ClientSampleId :

WW-1

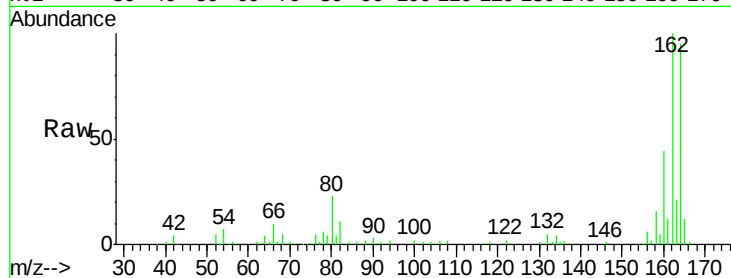
Tgt Ion:164 Resp: 83790

Ion Ratio Lower Upper

164 100

162 105.1 84.1 126.1

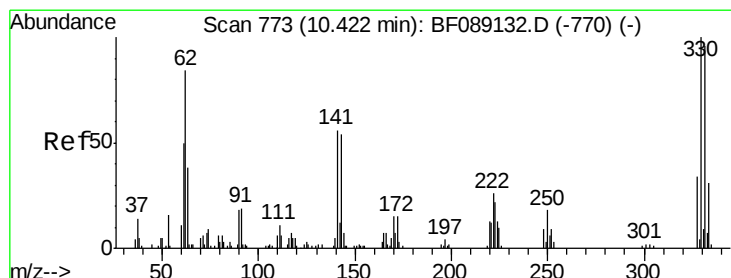
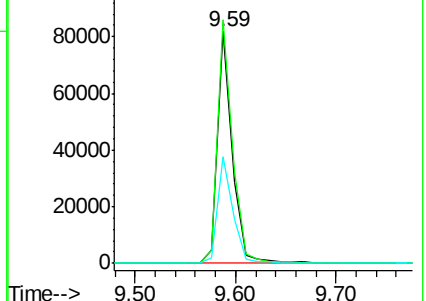
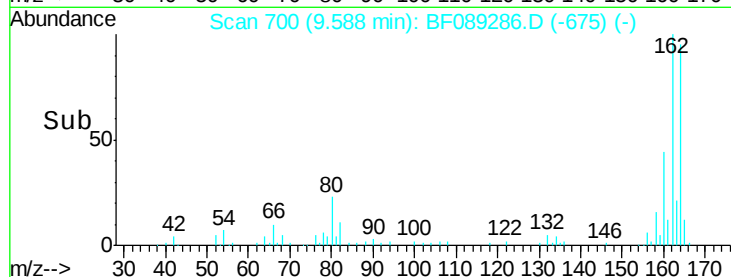
160 46.0 37.1 55.7



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: 89.80 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF089286.D

Acq: 25 Jul 2016 19:44

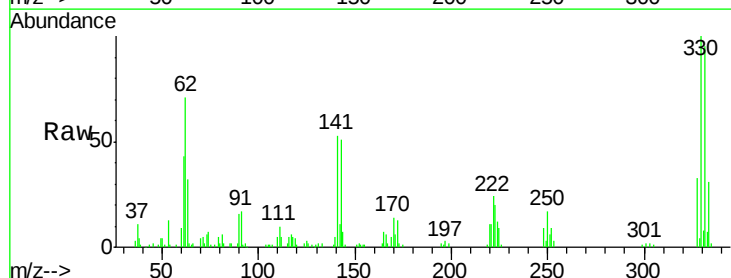
Tgt Ion:330 Resp: 67747

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

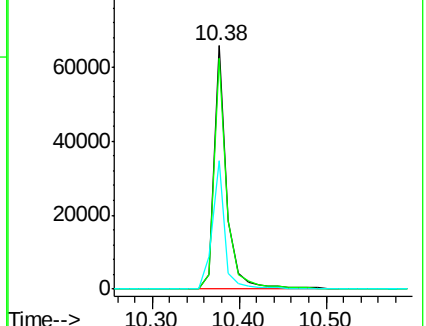
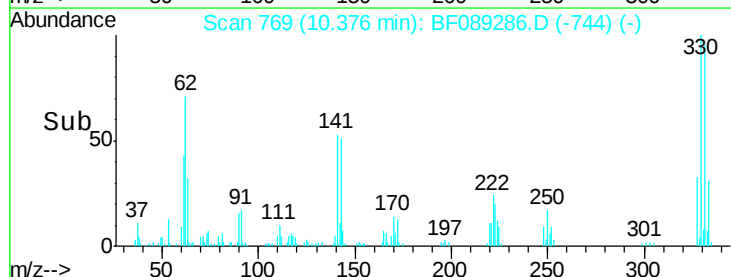
141 51.8 42.2 63.2

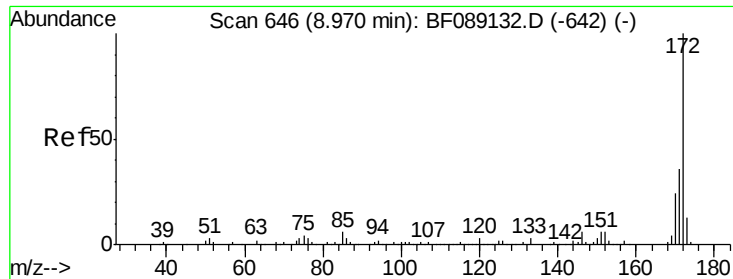


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

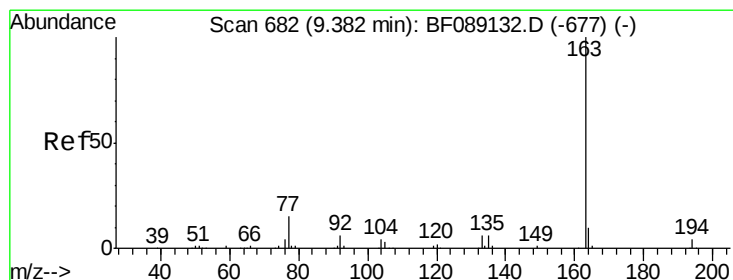
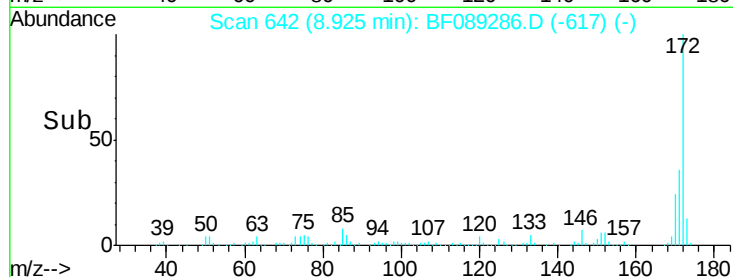
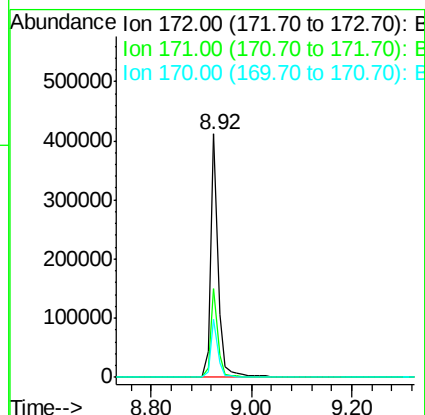
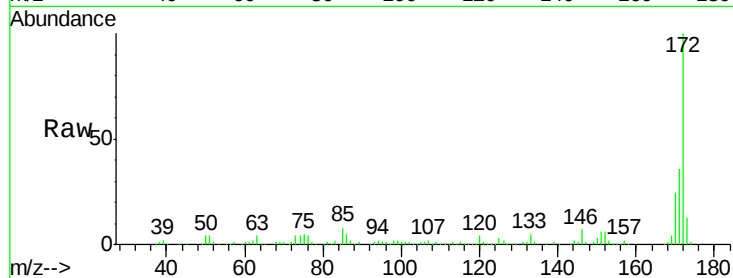




#44
 2-Fluorobiphenyl
 Concen: 70.31 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089286.D
 Acq: 25 Jul 2016 19:44

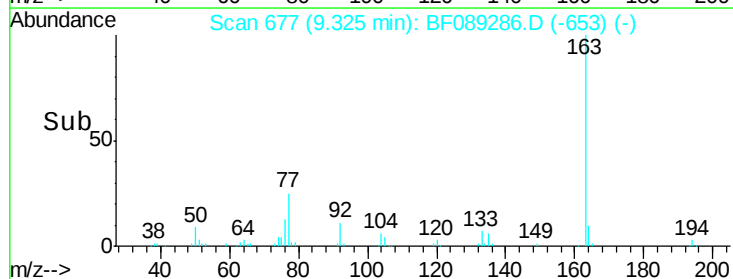
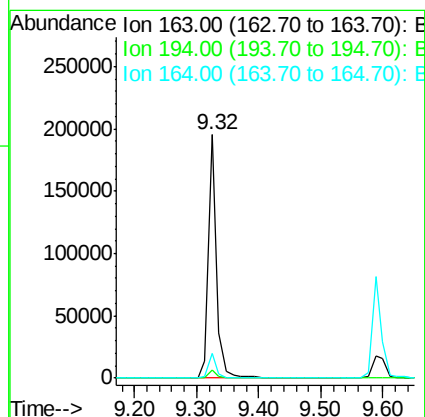
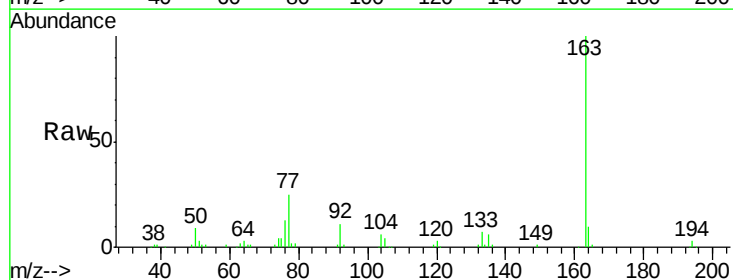
Instrument :
 BNA_F
 ClientSampleId :
 WW-1

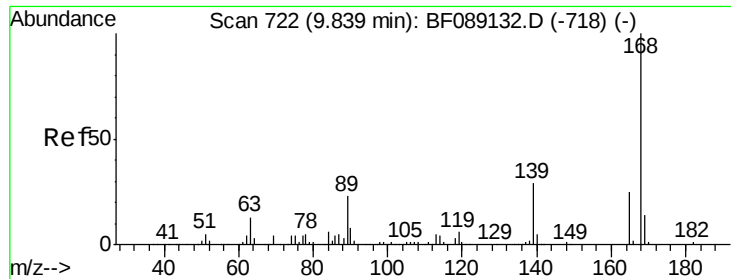
Tgt Ion:172 Resp: 427570
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.7 19.1 28.7



#49
 Dimethylphthalate
 Concen: 27.92 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089286.D
 Acq: 25 Jul 2016 19:44

Tgt Ion:163 Resp: 179518
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 10.4 7.6 11.4

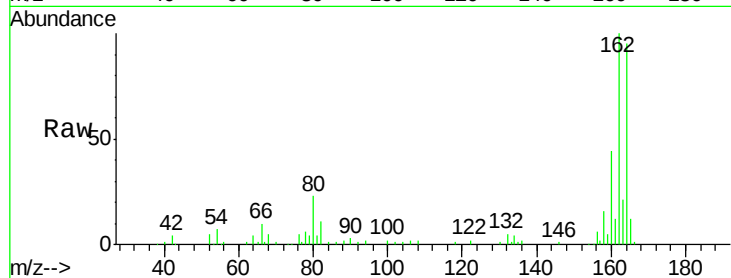




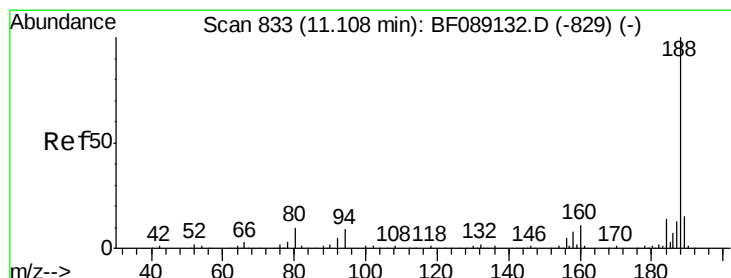
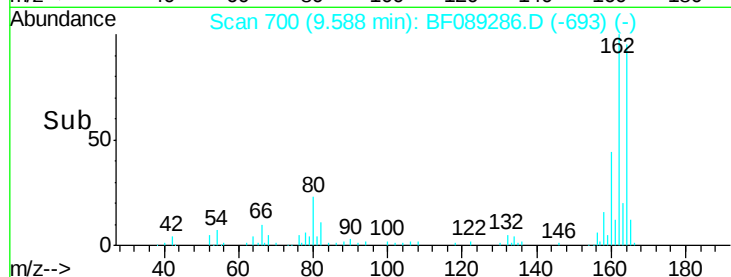
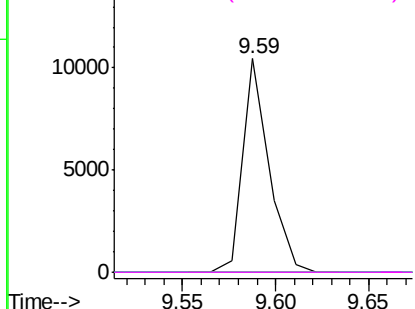
#56
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.22 min
Lab File: BF089286.D
Acq: 25 Jul 2016 19:44

Instrument :
BNA_F
ClientSampleId :
WW-1

Tgt Ion:165 Resp: 10230
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.2#
89 0.0 74.3 111.5#
182 0.0 2.0 3.0#

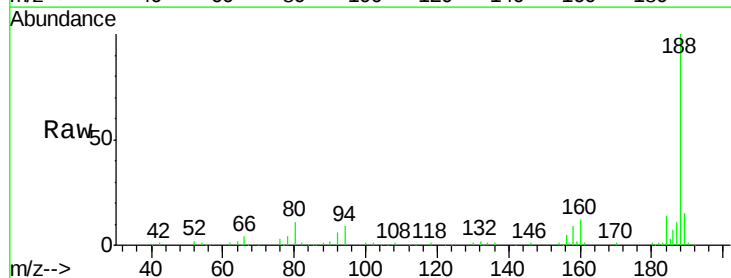


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

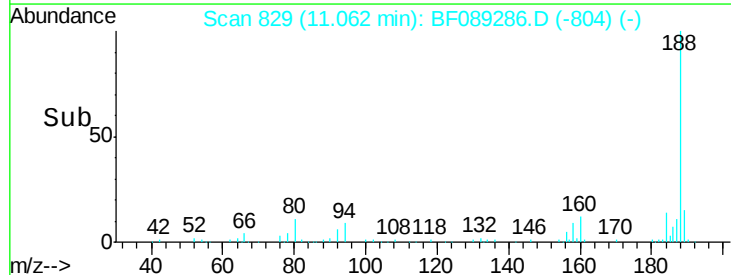
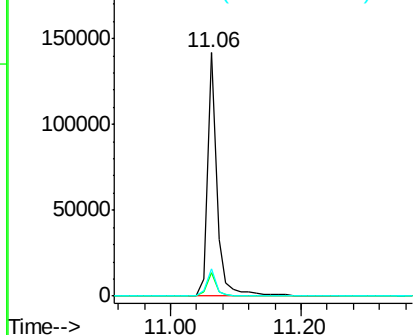


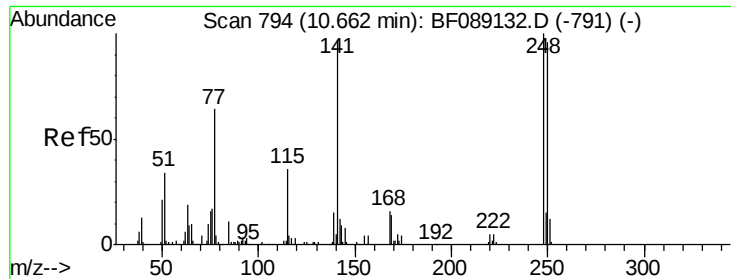
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089286.D
Acq: 25 Jul 2016 19:44

Tgt Ion:188 Resp: 144024
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 11.3 7.7 11.5



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: 3.87 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF089286.D

Acq: 25 Jul 2016 19:44

Instrument :

BNA_F

ClientSampleId :

WW-1

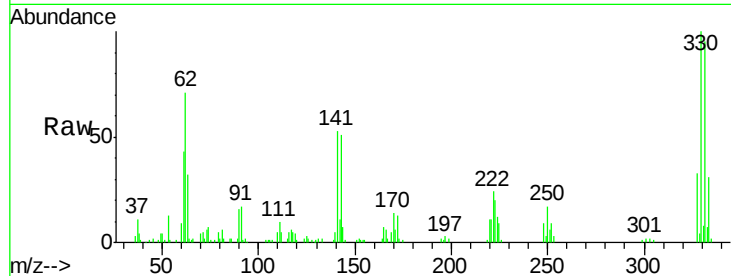
Tgt Ion:248 Resp: 5510

Ion Ratio Lower Upper

248 100

250 186.8 76.9 115.3#

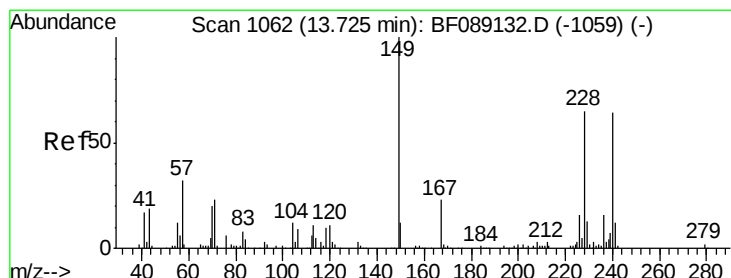
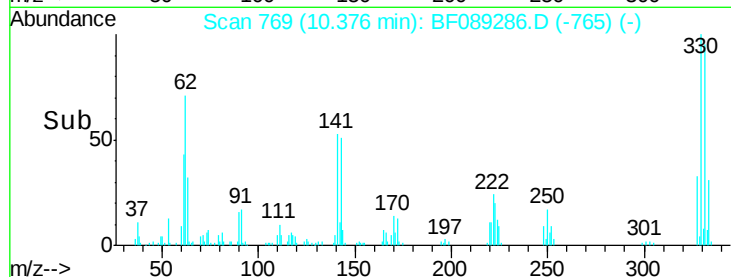
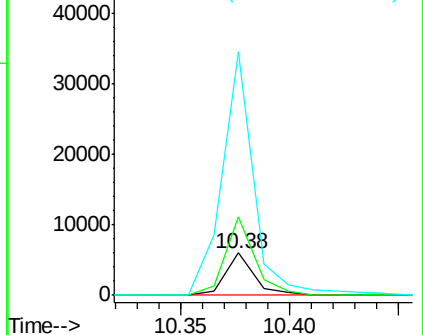
141 575.2 77.4 116.2#



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089286.D

Acq: 25 Jul 2016 19:44

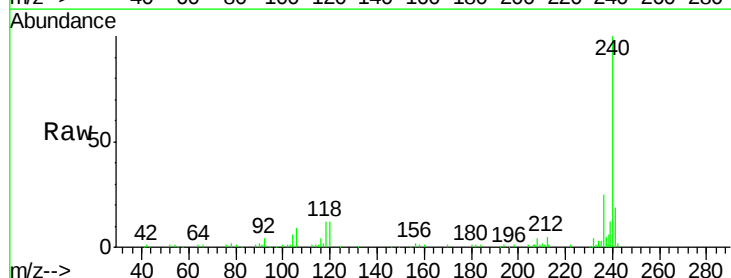
Tgt Ion:240 Resp: 99008

Ion Ratio Lower Upper

240 100

120 12.5 13.6 20.4#

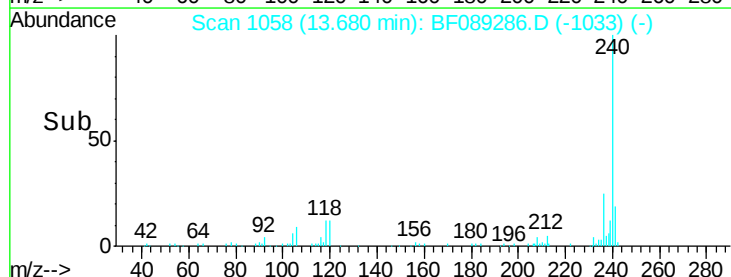
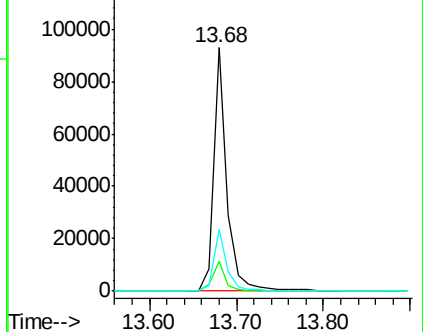
236 25.2 20.5 30.7

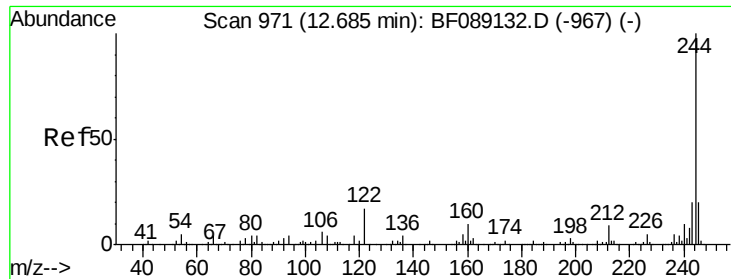


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

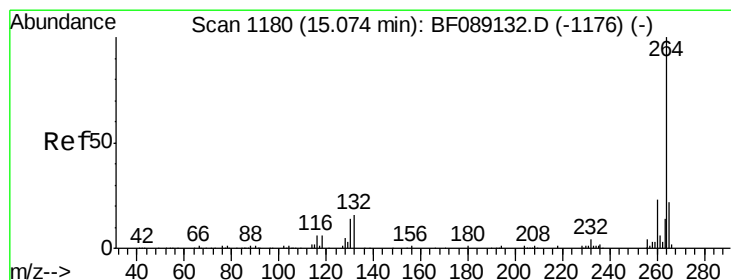
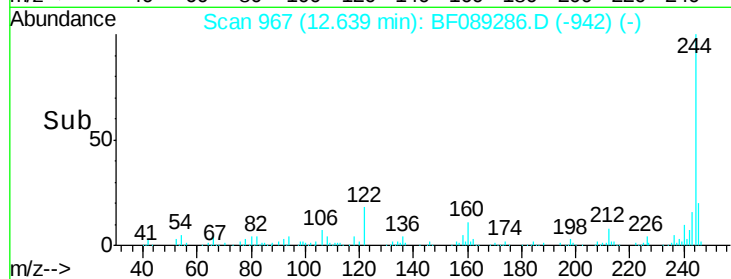
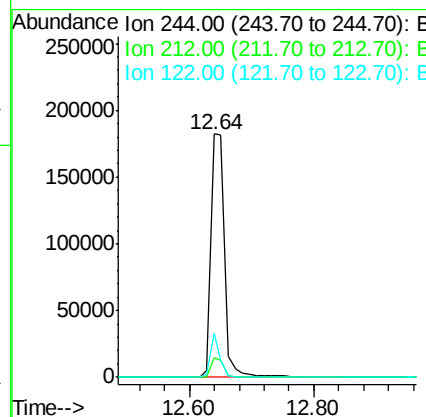
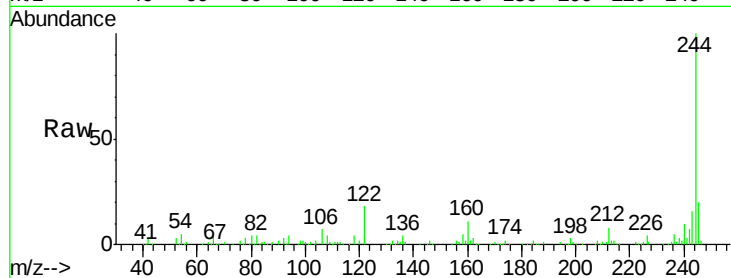




#78
 Terphenyl-d14
 Concen: 60.85 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF089286.D
 Acq: 25 Jul 2016 19:44

Instrument :
 BNA_F
 ClientSampleID :
 WW-1

Tgt Ion:244 Resp: 277762
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 17.9 13.8 20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089286.D
 Acq: 25 Jul 2016 19:44

Tgt Ion:264 Resp: 81724
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 21.4 17.3 25.9

