

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089293.D
 Acq On : 25 Jul 2016 23:12
 Operator : UM/SJ
 Sample : H4207-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-1

Quant Time: Jul 26 00:59:57 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

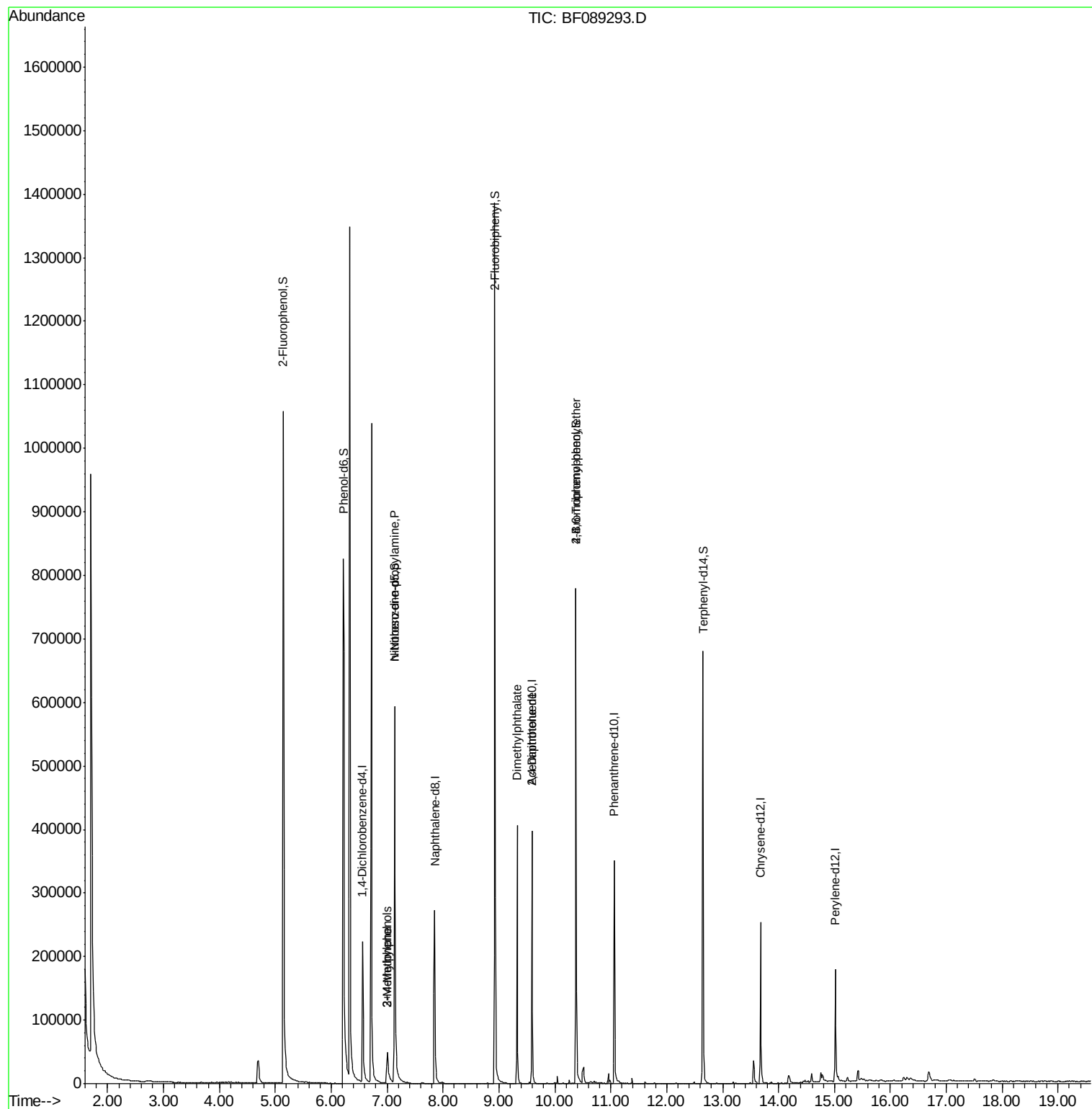
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	47492	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	181810	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	81103	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	142765	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	95229	20.00	ng	-0.01
86) Perylene-d12	15.02	264	81268	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	373996	119.77	ng	0.00
7) Phenol-d6	6.22	99	500139	124.20	ng	-0.01
23) Nitrobenzene-d5	7.13	82	300058	87.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	78767	107.87	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	469816	79.82	ng	-0.01
78) Terphenyl-d14	12.65	244	326756	74.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	655	Below Cal	#	1
17) 2-Methylphenol	7.00	107	31327	11.48 ng	#	61
19) n-Nitroso-di-n-propylamine	7.13	70	39351	14.94 ng	#	83
20) 3+4-Methylphenols	7.00	107	35906	9.69 ng		86
49) Dimethylphthalate	9.32	163	162073	26.04 ng		99
56) 2,4-Dinitrotoluene	9.59	165	10197	5.63 ng	#	10
66) 4-Bromophenyl-phenylether	10.38	248	6550	4.64 ng	#	1

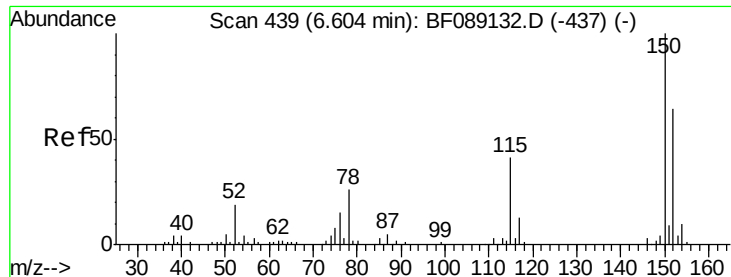
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089293.D

Acq: 25 Jul 2016 23:12

Instrument :

BNA_F

ClientSampleId :

EW-1

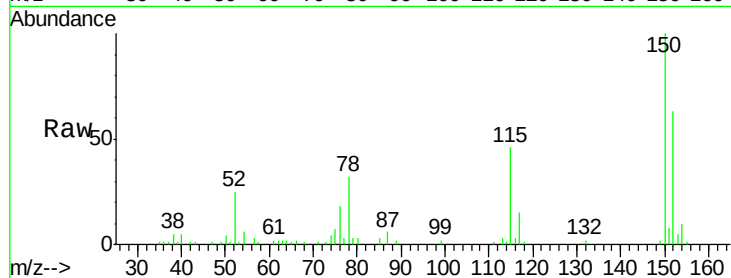
Tgt Ion:152 Resp: 47492

Ion Ratio Lower Upper

152 100

150 157.8 125.1 187.7

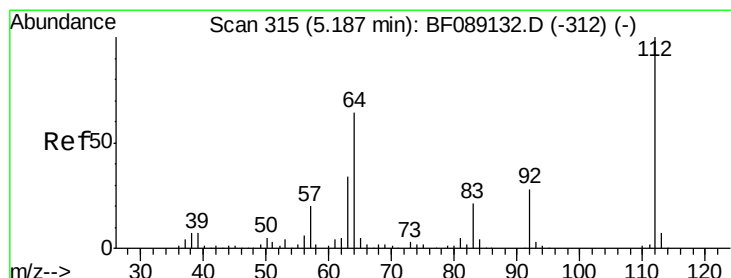
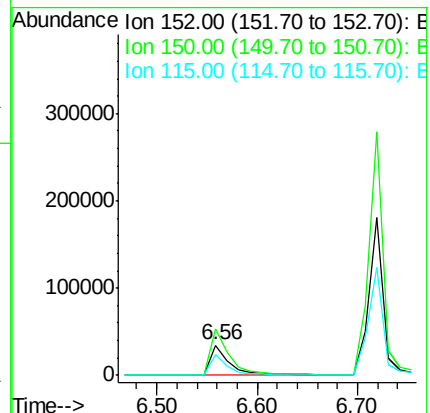
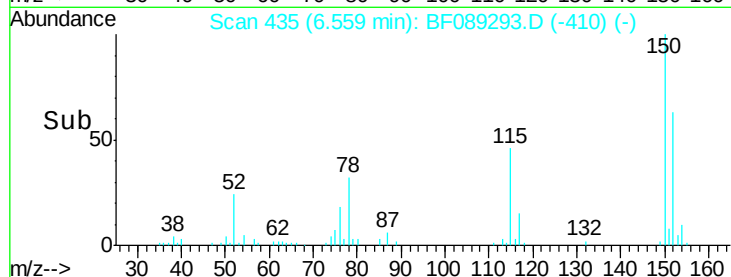
115 72.1 51.1 76.7



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: 119.77 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF089293.D

Acq: 25 Jul 2016 23:12

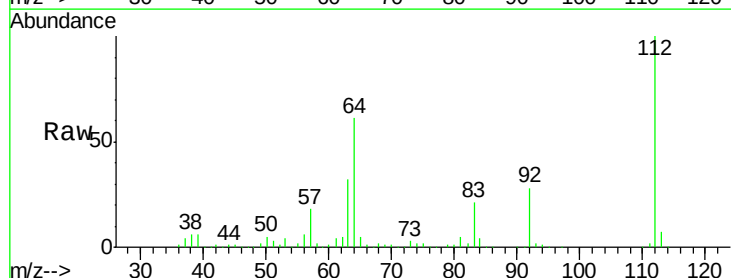
Tgt Ion:112 Resp: 373996

Ion Ratio Lower Upper

112 100

64 61.0 51.0 76.4

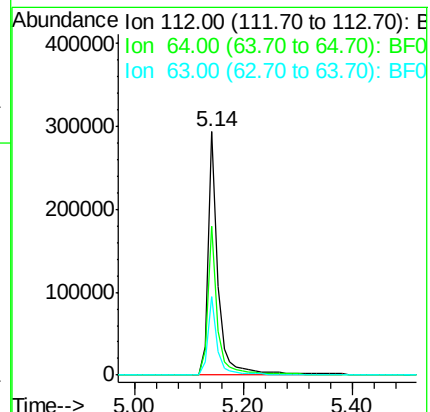
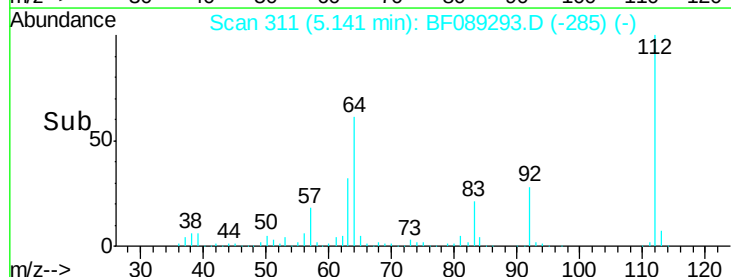
63 32.5 27.3 40.9

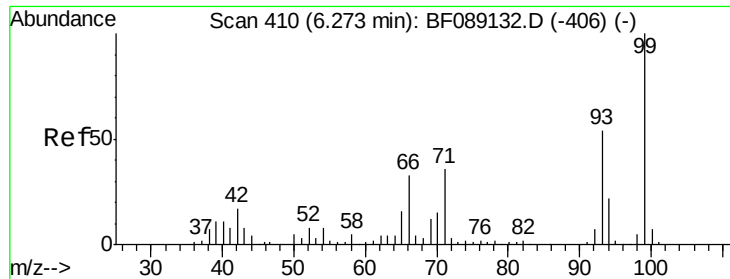


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.20 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089293.D

Acq: 25 Jul 2016 23:12

Instrument :

BNA_F

ClientSampleId :

EW-1

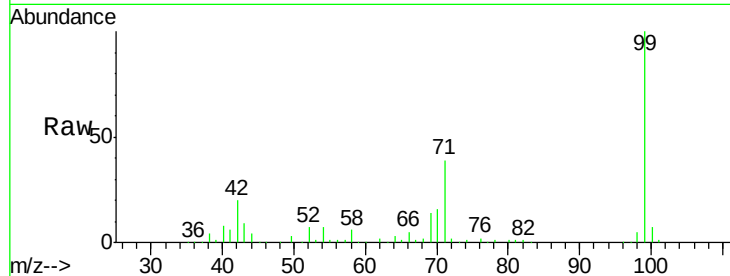
Tgt Ion: 99 Resp: 500139

Ion Ratio Lower Upper

99 100

42 19.5 13.5 20.3

71 39.1 28.9 43.3

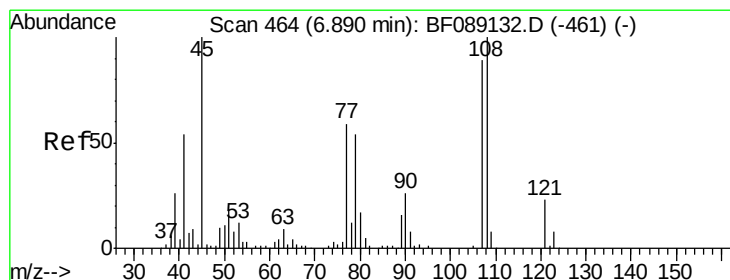
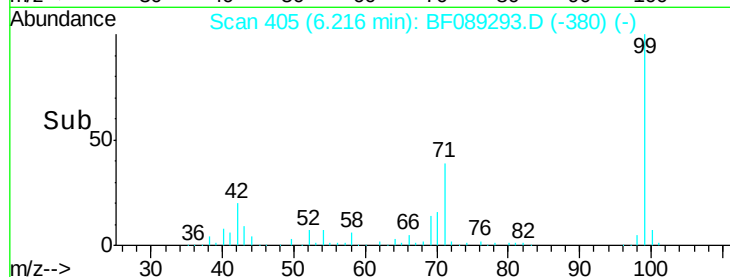
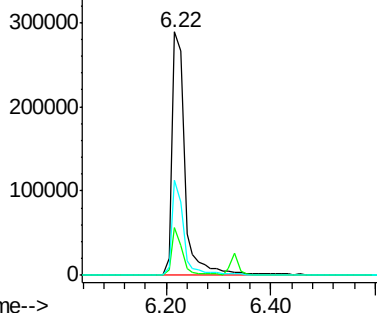


Abundance

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



#17

2-Methylphenol

Concen: 11.48 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.16 min

Lab File: BF089293.D

Acq: 25 Jul 2016 23:12

Tgt Ion: 107 Resp: 31327

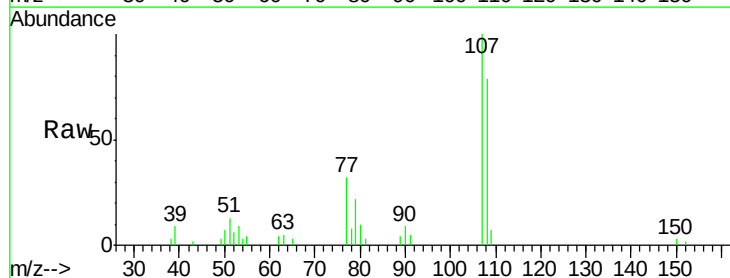
Ion Ratio Lower Upper

107 100

108 78.8 89.4 134.2#

77 32.4 53.4 80.0#

79 22.3 49.0 73.4#



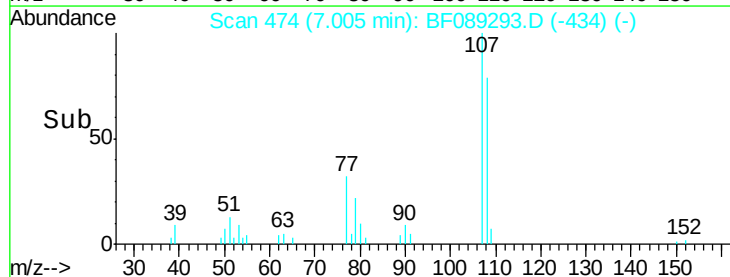
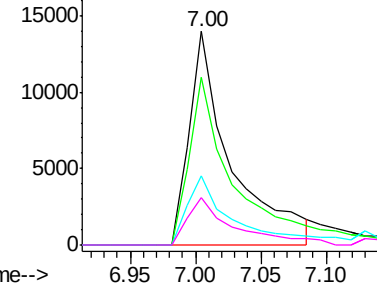
Abundance

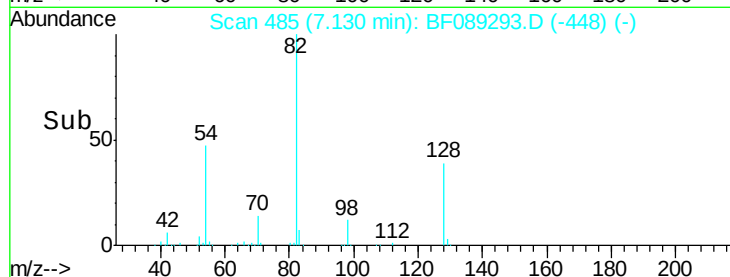
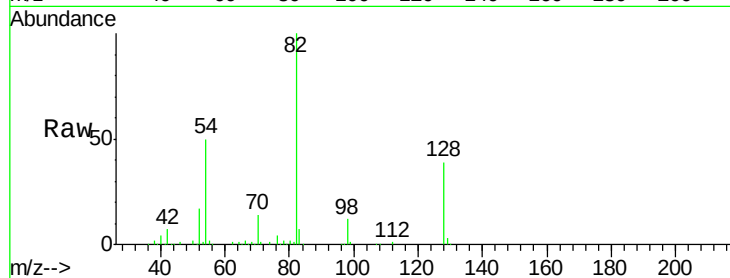
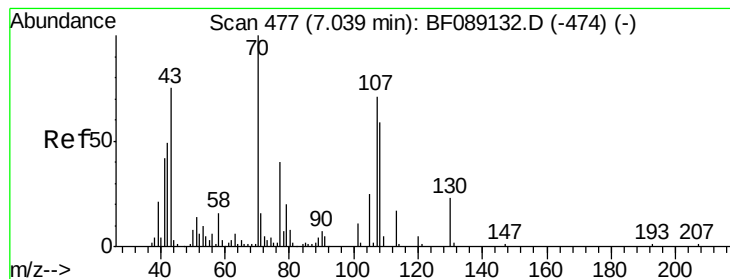
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.94 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089293.D

Acq: 25 Jul 2016 23:12

Instrument :

BNA_F

ClientSampleId :

EW-1

Tgt Ion: 70 Resp: 39351

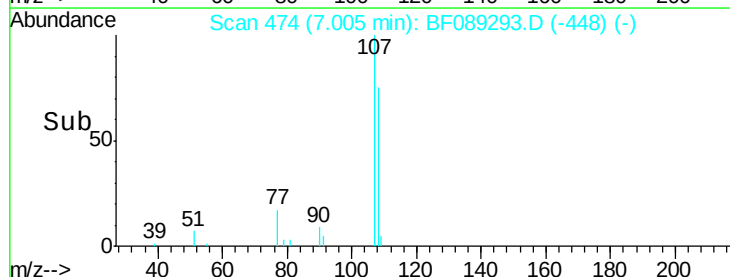
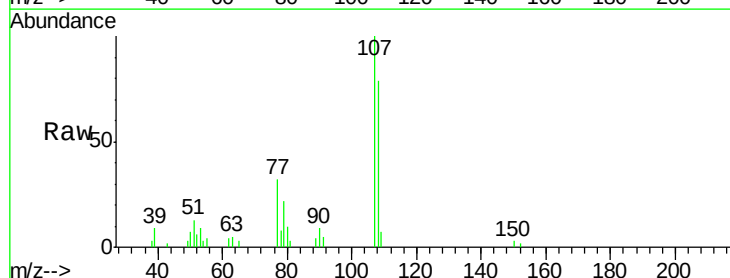
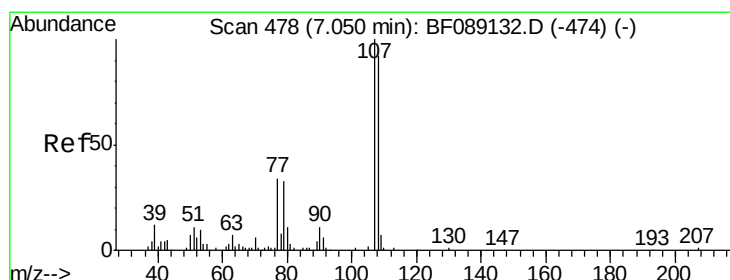
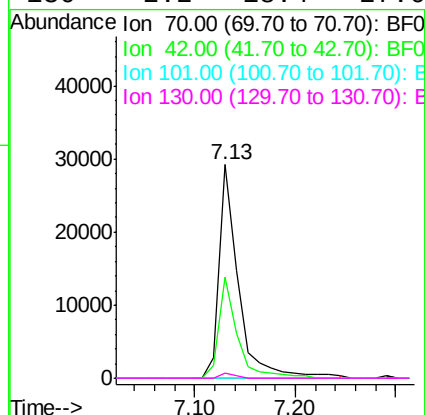
Ion Ratio Lower Upper

70 100

42 47.1 39.2 58.8

101 0.0 8.5 12.7#

130 2.2 18.4 27.6#



#20

3+4-Methylphenols

Concen: 9.69 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089293.D

Acq: 25 Jul 2016 23:12

Tgt Ion:107 Resp: 35906

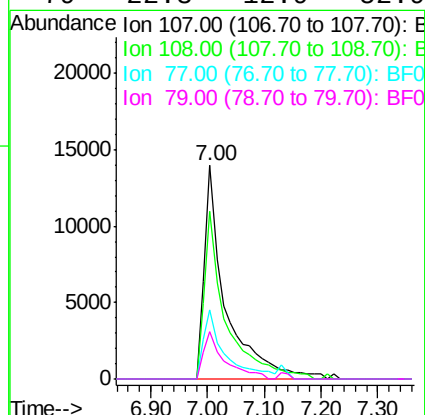
Ion Ratio Lower Upper

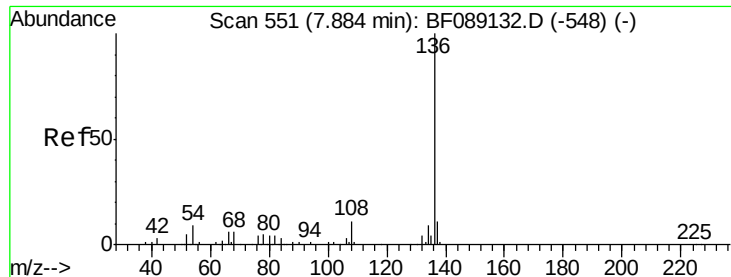
107 100

108 78.8 72.5 112.5

77 32.4 17.7 57.7

79 22.3 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089293.D

Acq: 25 Jul 2016 23:12

Instrument :

BNA_F

ClientSampleId :

EW-1

Tgt Ion:136 Resp: 181810

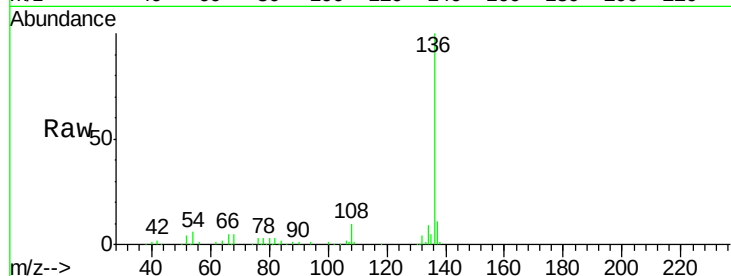
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.0 7.0 10.4#

68 4.7 5.0 7.6#

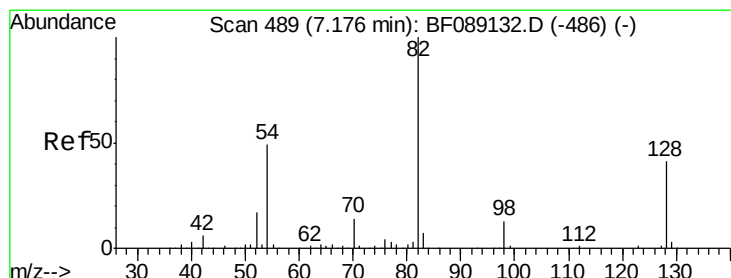
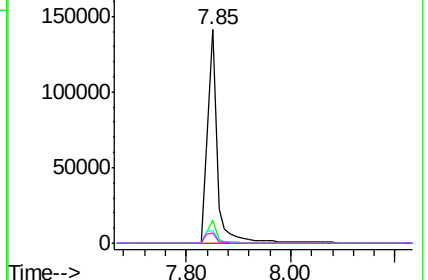
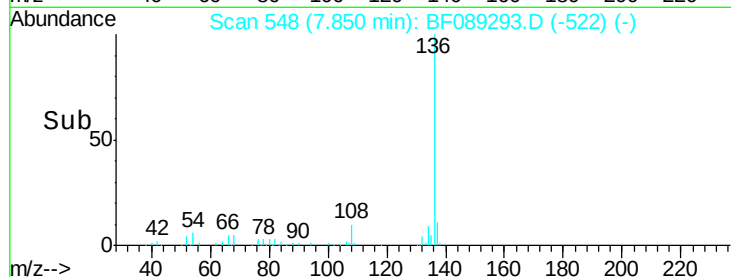


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.69 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089293.D

Acq: 25 Jul 2016 23:12

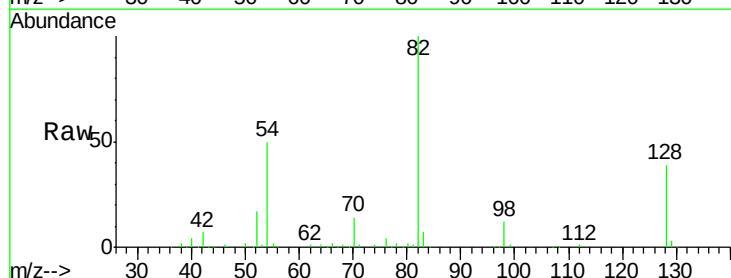
Tgt Ion: 82 Resp: 300058

Ion Ratio Lower Upper

82 100

128 38.5 33.0 49.6

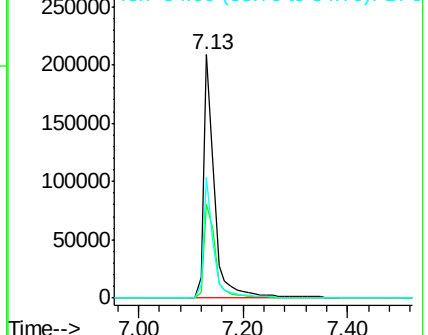
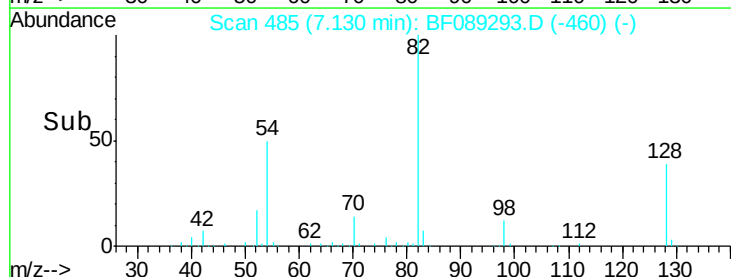
54 49.8 39.0 58.4

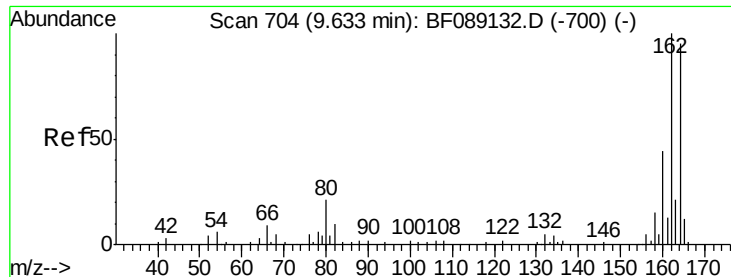


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

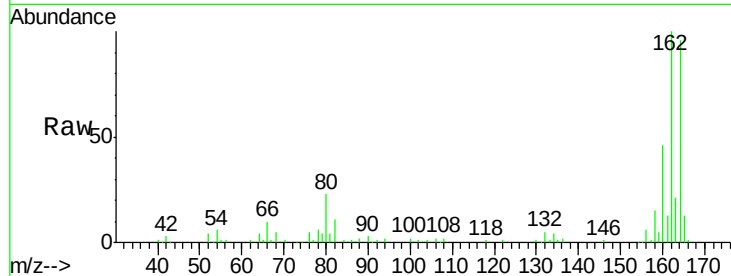




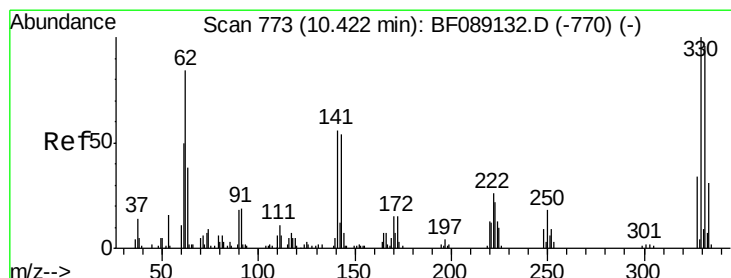
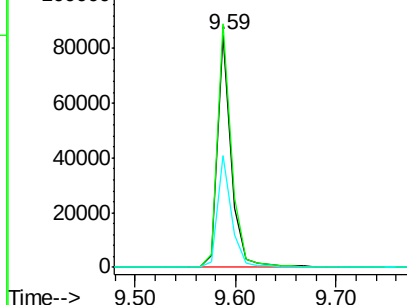
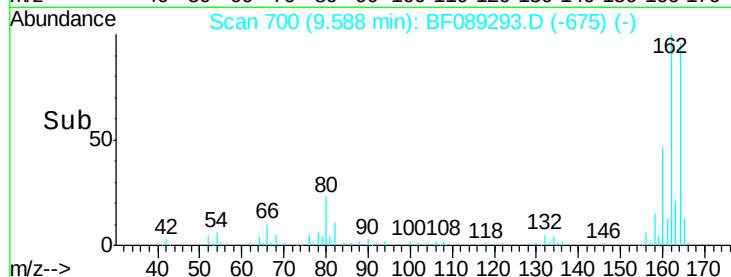
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF089293.D
Acq: 25 Jul 2016 23:12

Instrument :
BNA_F
ClientSampleId :
EW-1

Tgt Ion:164 Resp: 81103
Ion Ratio Lower Upper
164 100
162 104.7 84.1 126.1
160 47.9 37.1 55.7

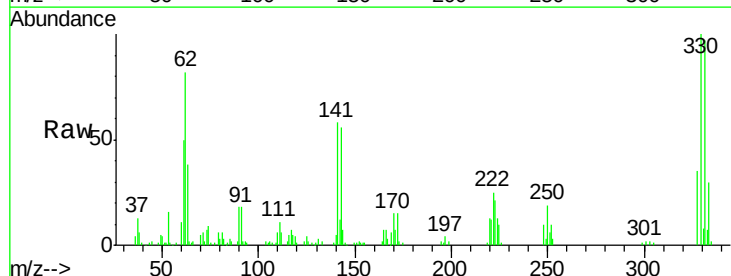


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

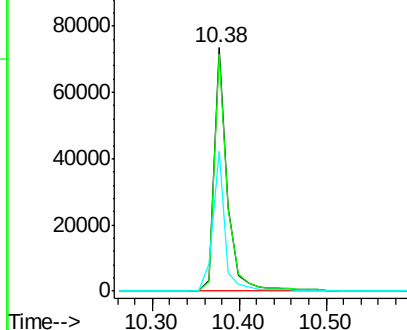
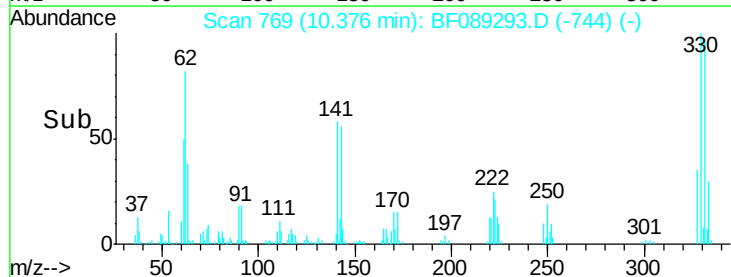


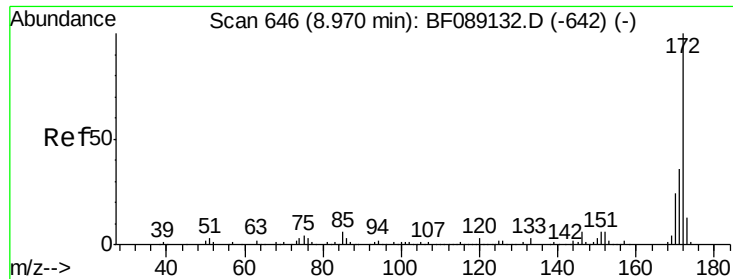
#41
2,4,6-Tribromophenol
Concen: 107.87 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF089293.D
Acq: 25 Jul 2016 23:12

Tgt Ion:330 Resp: 78767
Ion Ratio Lower Upper
330 100
332 97.8 77.2 115.8
141 53.2 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

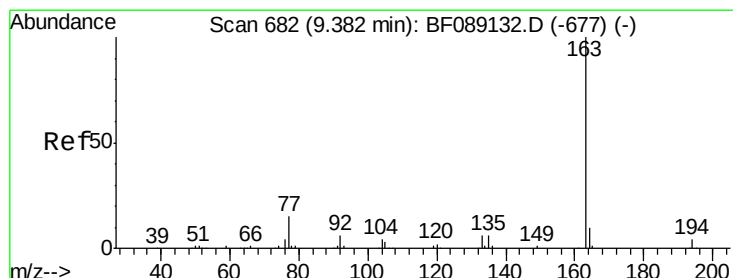
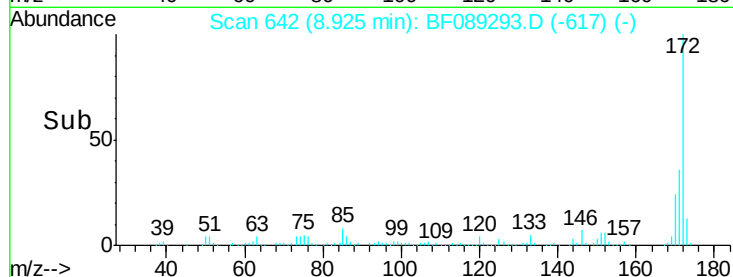
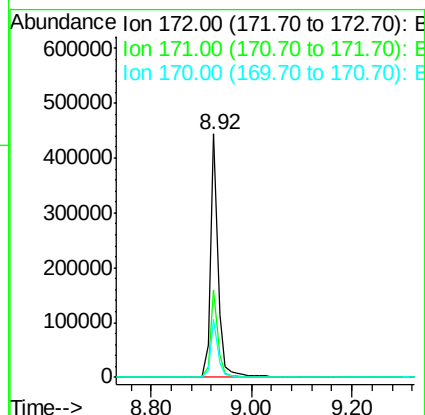
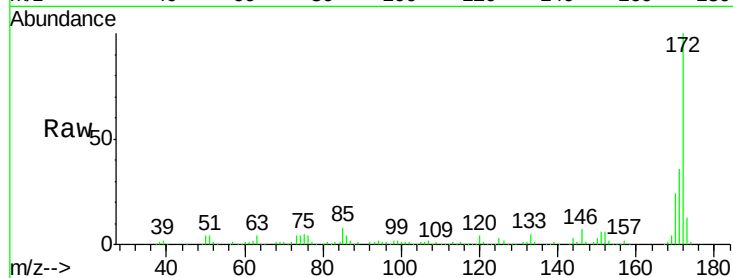




#44
 2-Fluorobiphenyl
 Concen: 79.82 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089293.D
 Acq: 25 Jul 2016 23:12

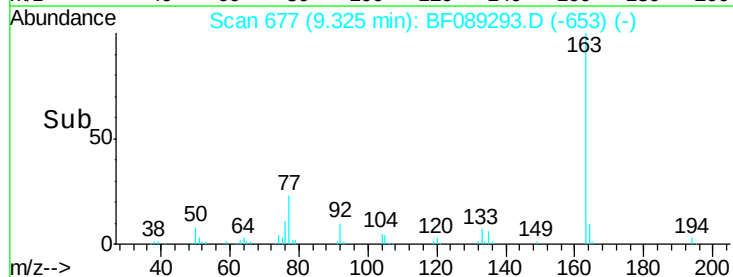
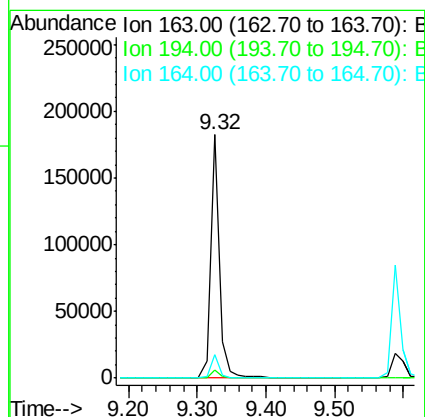
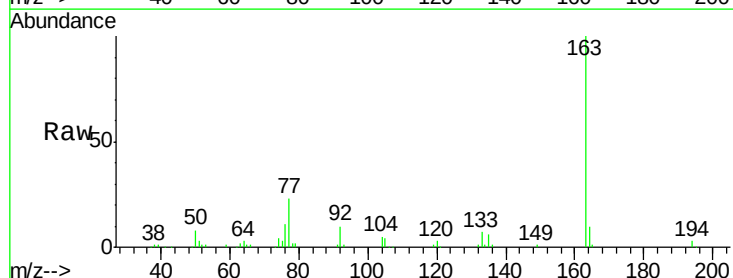
Instrument :
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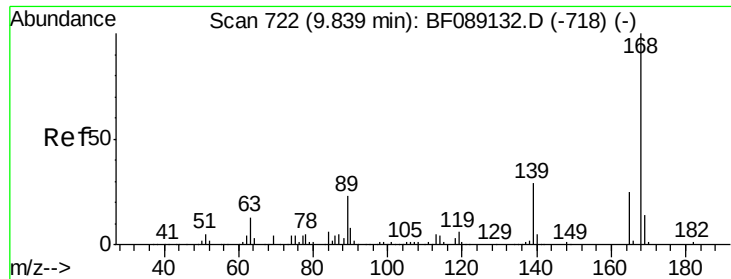
Tgt Ion:172 Resp: 469816
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.8 19.1 28.7



#49
 Dimethylphthalate
 Concen: 26.04 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089293.D
 Acq: 25 Jul 2016 23:12

Tgt Ion:163 Resp: 162073
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 9.8 7.6 11.4

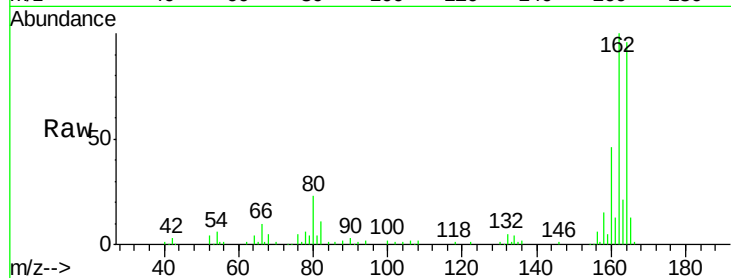




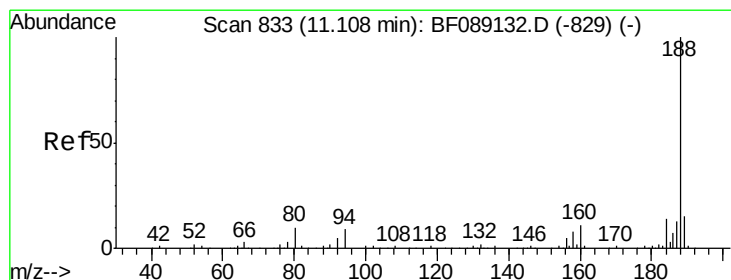
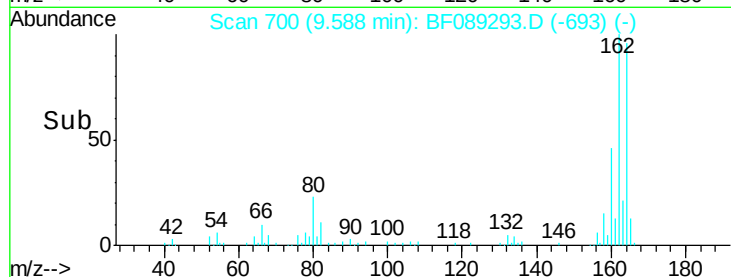
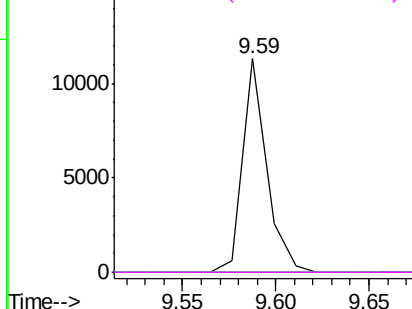
#56
 2,4-Dinitrotoluene
 Concen: 5.63 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089293.D
 Acq: 25 Jul 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 EW-1

Tgt Ion:165 Resp: 10197
 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#

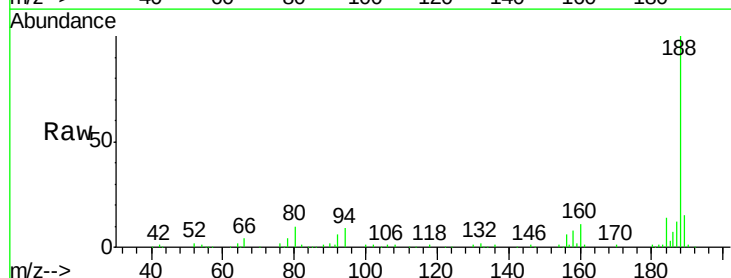


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

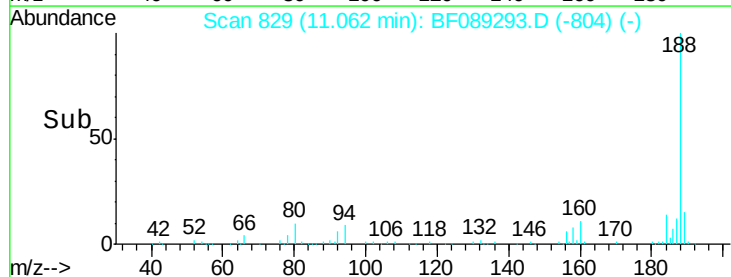
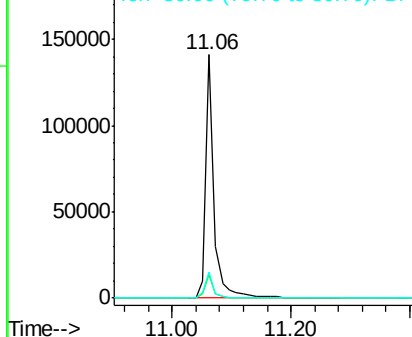


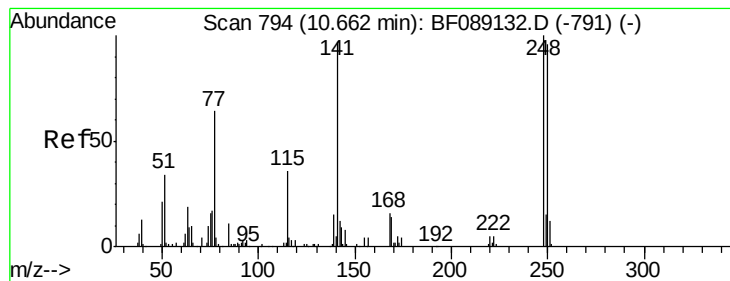
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF089293.D
 Acq: 25 Jul 2016 23:12

Tgt Ion:188 Resp: 142765
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.0 10.4
 80 10.4 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: 4.64 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF089293.D

Acq: 25 Jul 2016 23:12

Instrument :

BNA_F

ClientSampled :

EW-1

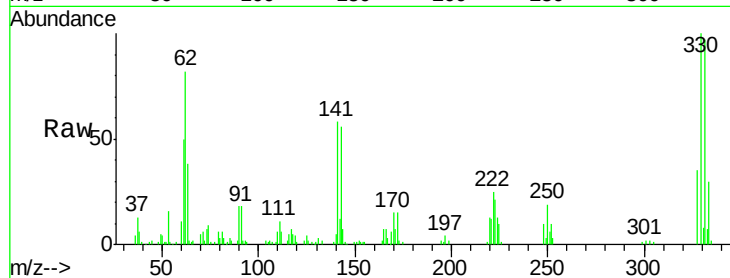
Tgt Ion:248 Resp: 6550

Ion Ratio Lower Upper

248 100

250 191.7 76.9 115.3#

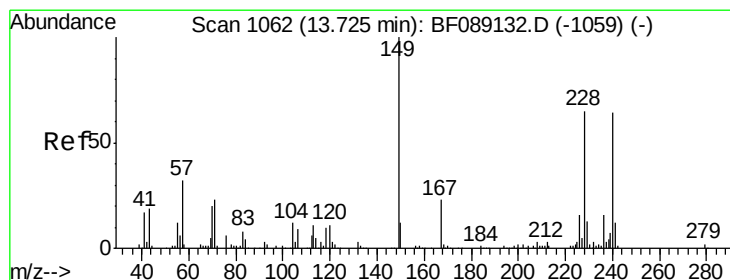
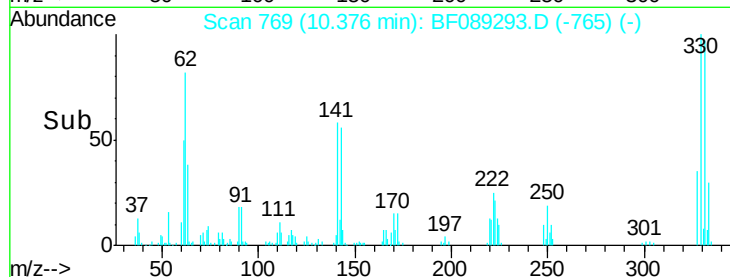
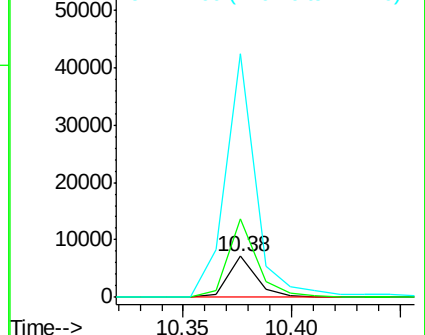
141 591.0 77.4 116.2#



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: BF089293.D

Acq: 25 Jul 2016 23:12

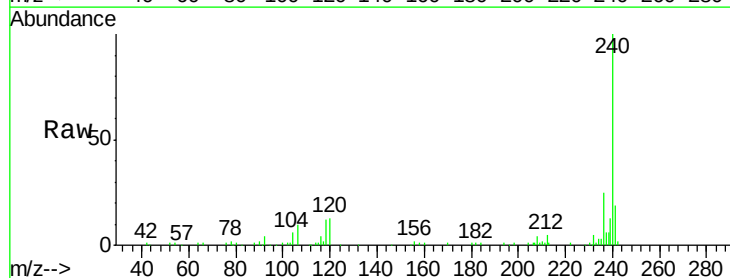
Tgt Ion:240 Resp: 95229

Ion Ratio Lower Upper

240 100

120 12.9 13.6 20.4#

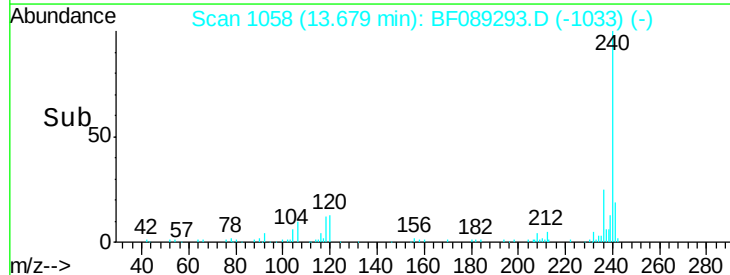
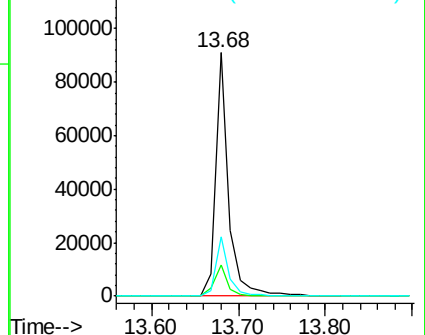
236 24.6 20.5 30.7

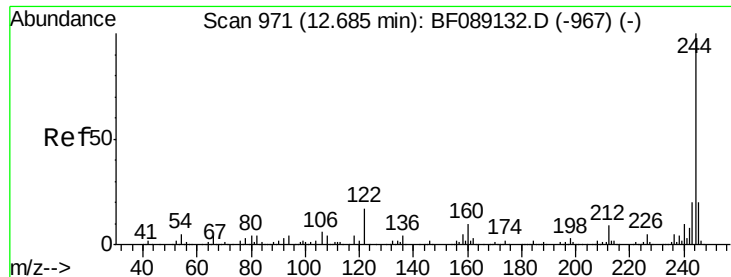


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

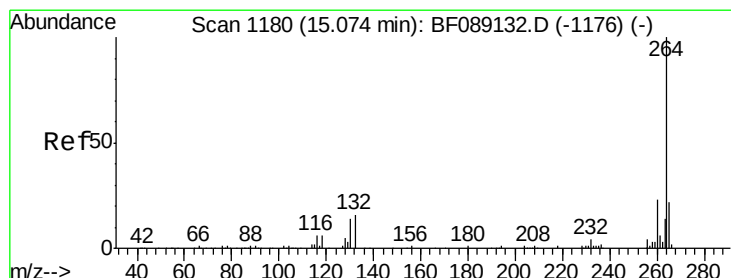
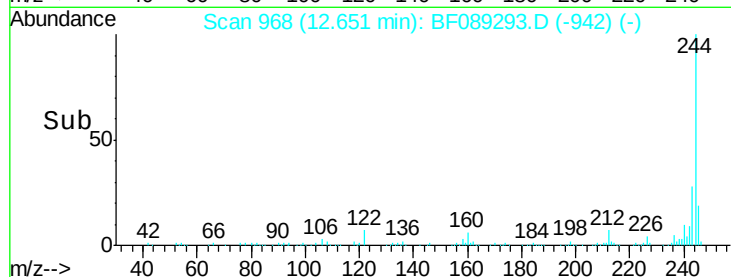
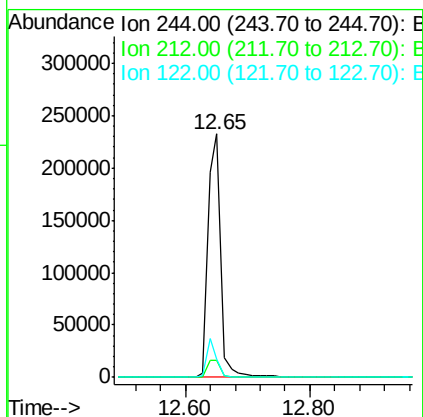
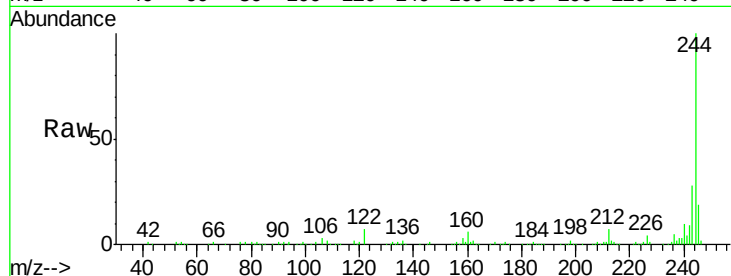




#78
 Terphenyl-d14
 Concen: 74.42 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF089293.D
 Acq: 25 Jul 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 EW-1

Tgt Ion:244 Resp: 326756
 Ion Ratio Lower Upper
 244 100
 212 7.0 7.0 10.4
 122 7.5 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: BF089293.D
 Acq: 25 Jul 2016 23:12

Tgt Ion:264 Resp: 81268
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.0 17.3 25.9

