

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089077.D
 Acq On : 17 Jul 2016 14:42
 Operator : UM/SJ
 Sample : H4046-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 03:15:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

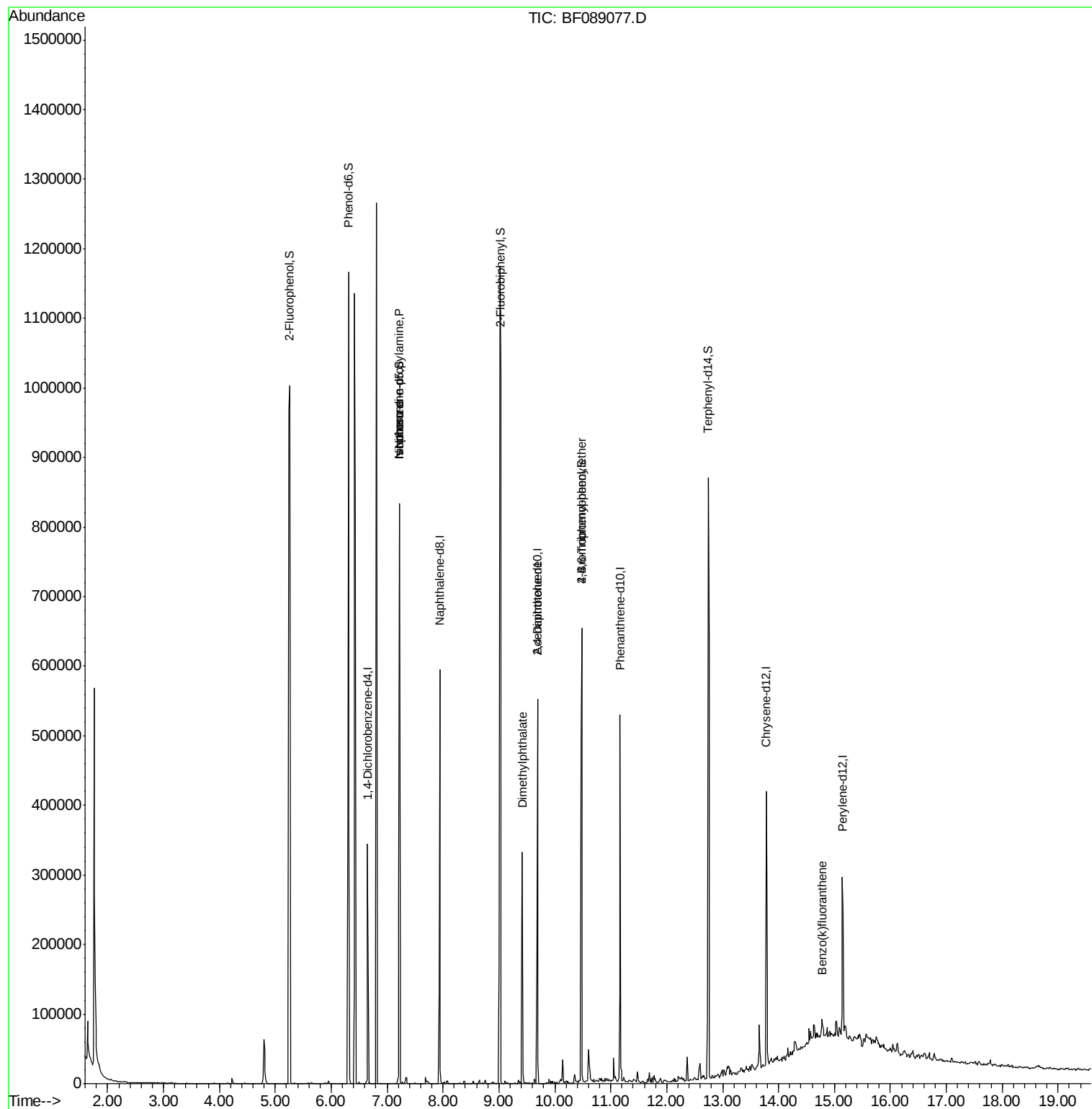
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	58731	20.00	ng	-0.06
21) Naphthalene-d8	7.94	136	251778	20.00	ng	-0.06
38) Acenaphthene-d10	9.69	164	107638	20.00	ng	-0.06
63) Phenanthrene-d10	11.16	188	181718	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	111508	20.00	ng	-0.07
86) Perylene-d12	15.14	264	107144	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	421591	107.58	ng	-0.03
7) Phenol-d6	6.31	99	490134	96.80	ng	-0.05
23) Nitrobenzene-d5	7.22	82	299730	62.39	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	90237	90.28	ng	-0.06
44) 2-Fluorobiphenyl	9.03	172	559820	82.15	ng	-0.05
78) Terphenyl-d14	12.74	244	344293	68.77	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	40727	11.97	ng	# 75
25) Isophorone	7.22	82	232429	26.12	ng	# 65
49) Dimethylphthalate	9.42	163	119860	15.63	ng	99
56) 2,4-Dinitrotoluene	9.69	165	13750	6.19	ng	# 36
66) 4-Bromophenyl-phenylether	10.48	248	6991	3.82	ng	# 1
88) Benzo(k)fluoranthene	14.78	252	12609	2.15	ng	# 88

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

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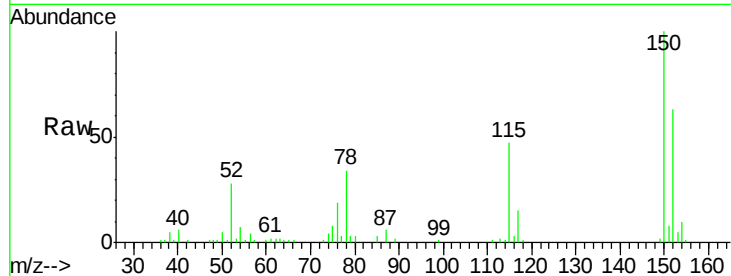


#1

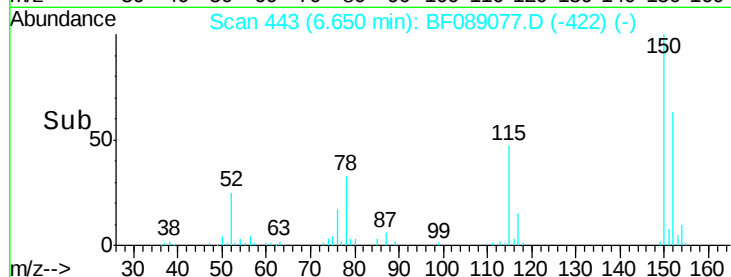
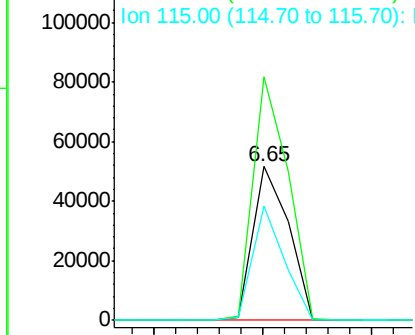
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.06 min
 Lab File: BF089077.D
 Acq: 17 Jul 2016 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 58731
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.8 185.6
 115 74.5 39.6 59.4#



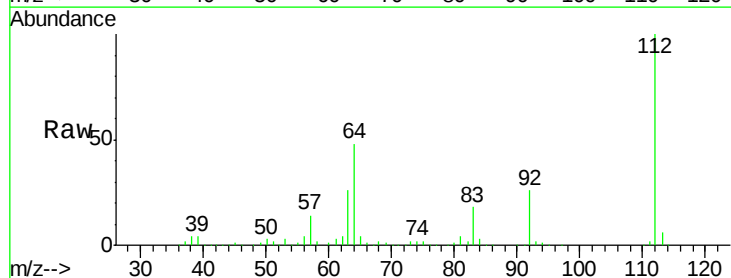
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



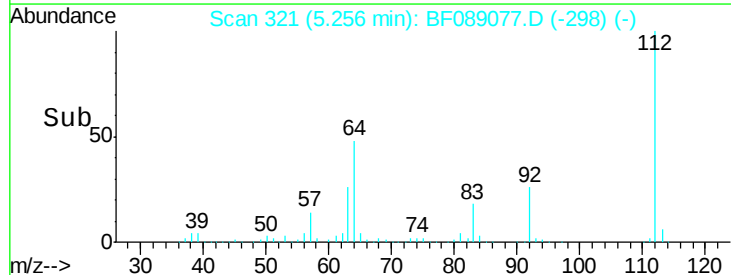
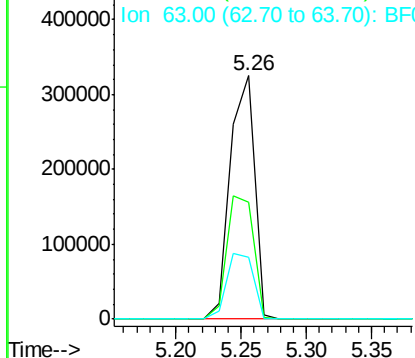
#5

2-Fluorophenol
 Concen: 107.58 ng
 RT: 5.26 min Scan# 321
 Delta R.T. -0.03 min
 Lab File: BF089077.D
 Acq: 17 Jul 2016 14:42

Tgt Ion:112 Resp: 421591
 Ion Ratio Lower Upper
 112 100
 64 47.9 42.2 63.2
 63 25.5 21.8 32.8



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: 96.80 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Instrument :

BNA_F

ClientSampled :

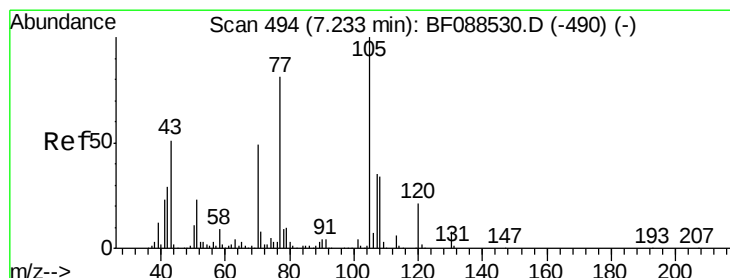
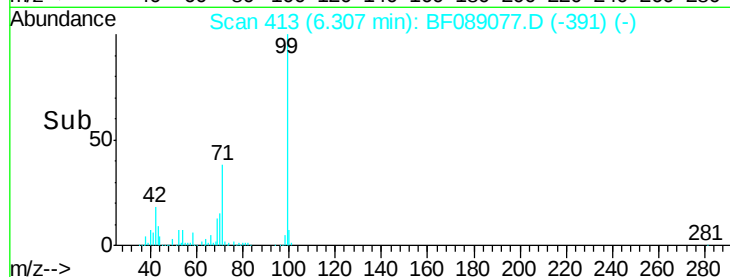
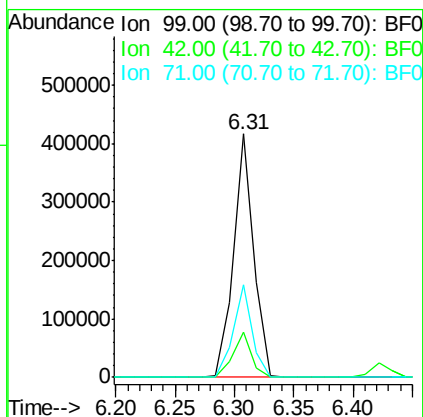
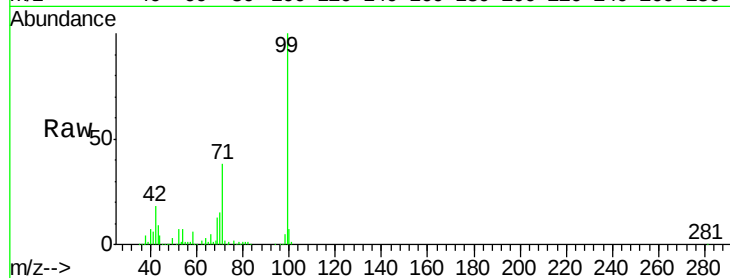
Tot Ion: 99 Resp: 490134

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

71 37.9 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.97 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.08 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Tgt Ion: 70 Resp: 40727

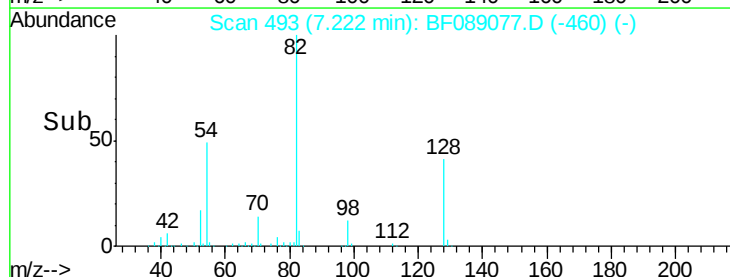
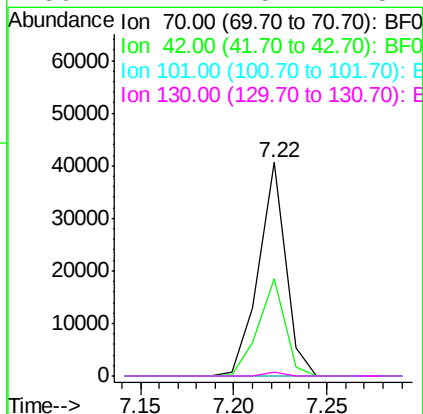
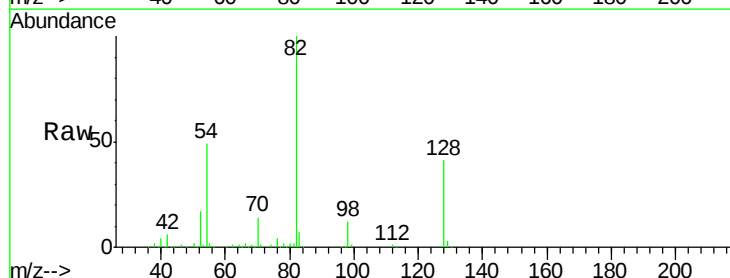
Ion Ratio Lower Upper

70 100

42 45.4 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.06 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 251778

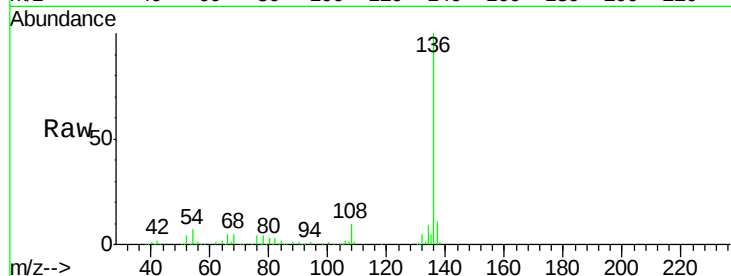
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.6 6.6 10.0#

68 5.0 5.1 7.7#

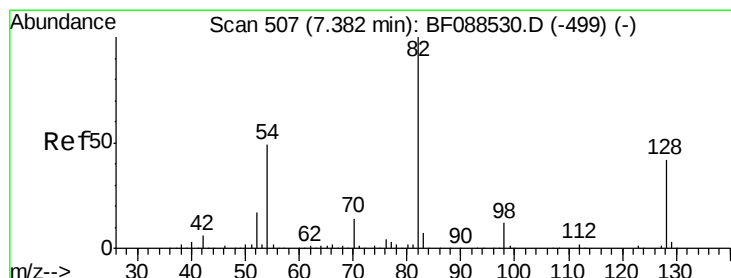
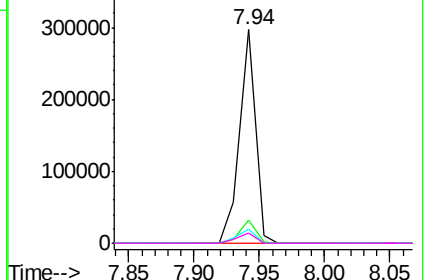
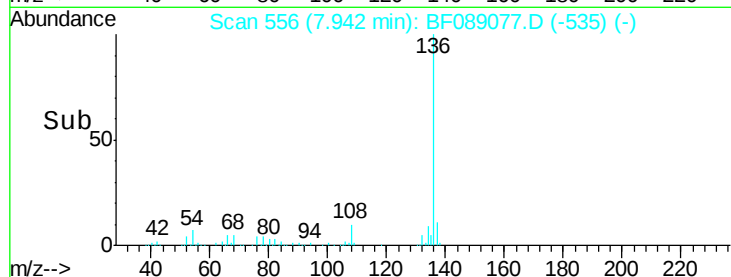


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.39 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.06 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

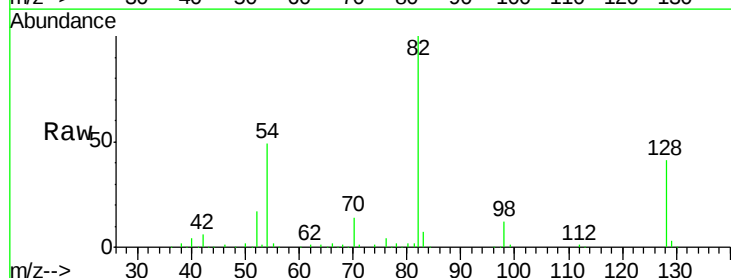
Tgt Ion: 82 Resp: 299730

Ion Ratio Lower Upper

82 100

128 40.7 35.9 53.9

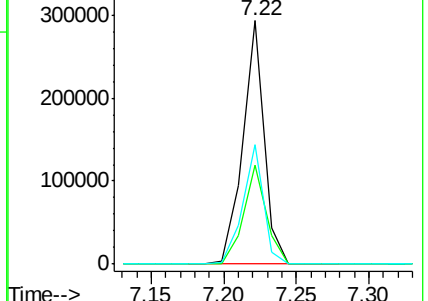
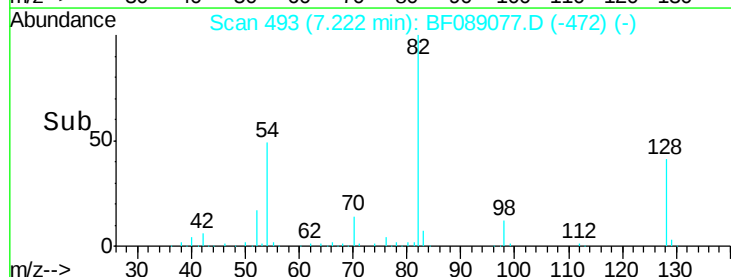
54 48.8 40.9 61.3

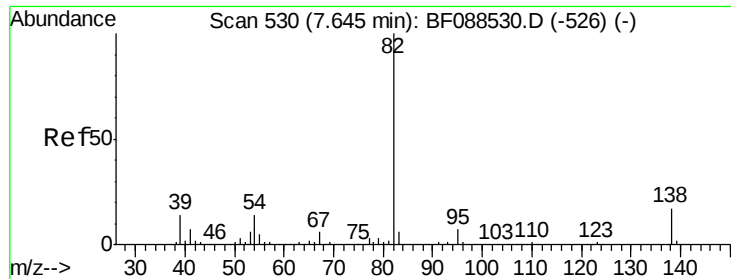


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.12 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.32 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

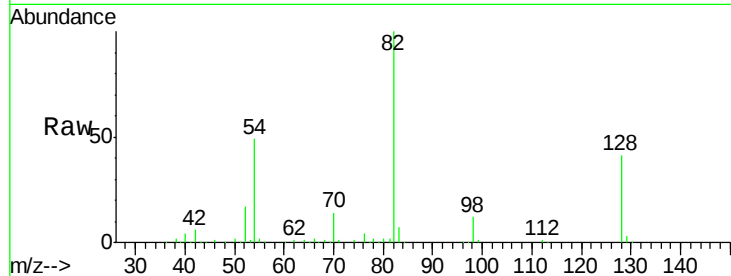
Tot Ion: 82 Resp: 232429

Ion Ratio Lower Upper

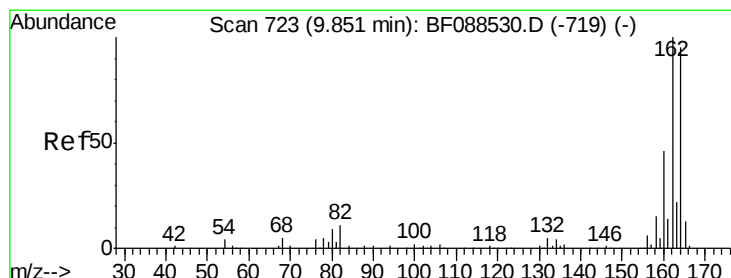
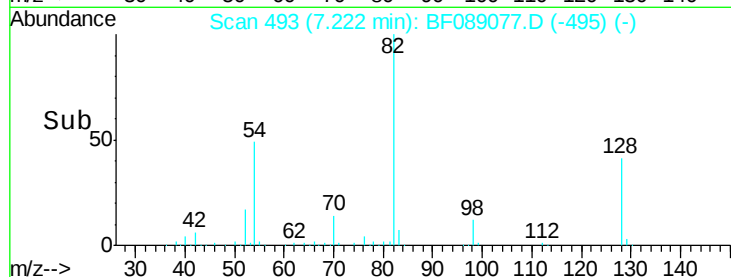
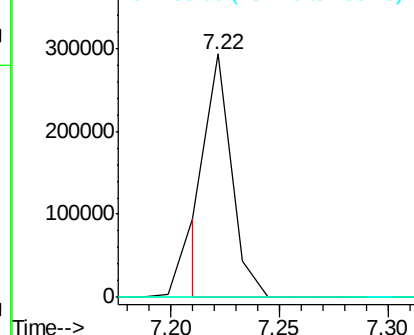
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.06 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

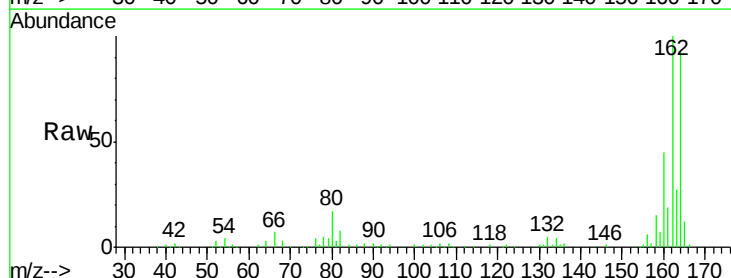
Tgt Ion:164 Resp: 107638

Ion Ratio Lower Upper

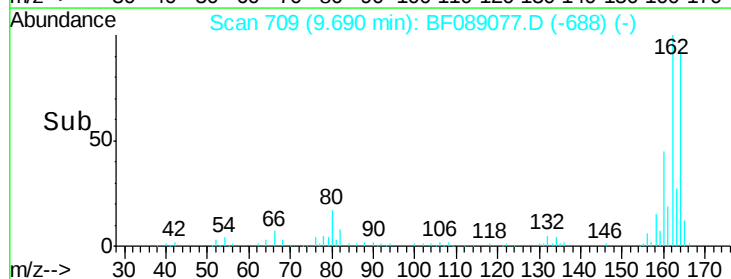
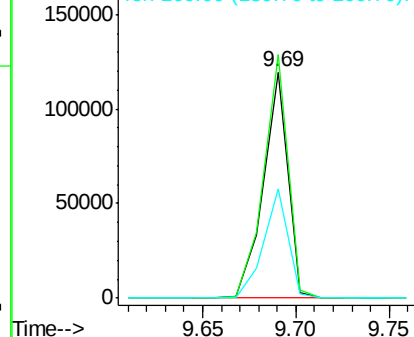
164 100

162 107.6 85.4 128.2

160 48.0 39.5 59.3



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

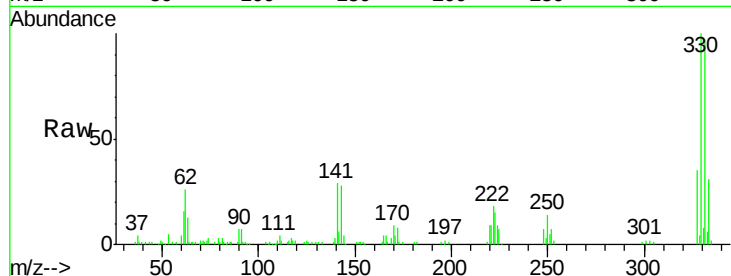




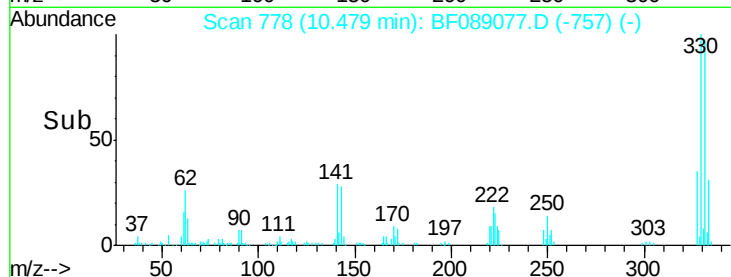
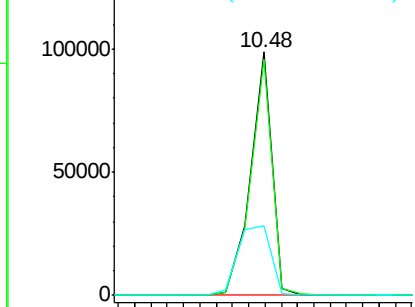
#41
 2,4,6-Tribromophenol
 Concen: 90.28 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.06 min
 Lab File: BF089077.D
 Acq: 17 Jul 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	43.9	0.0	0.0#

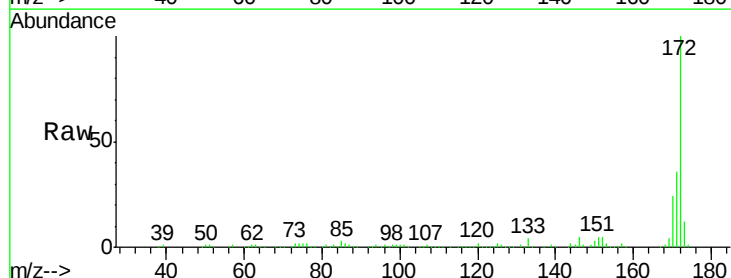


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

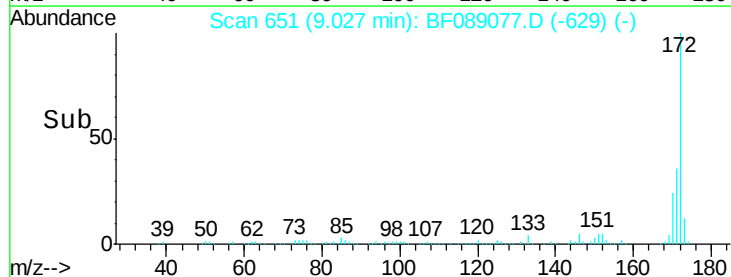
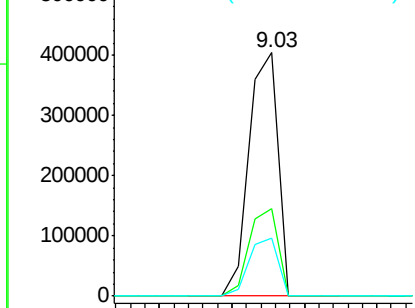


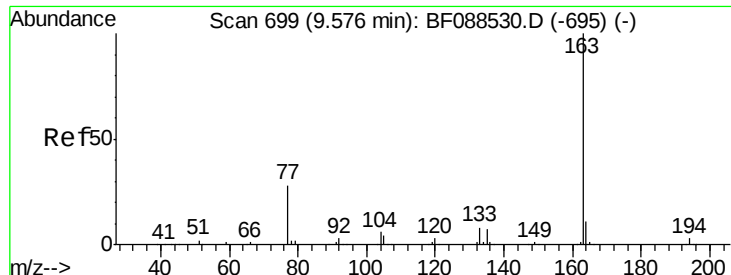
#44
 2-Fluorobiphenyl
 Concen: 82.15 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089077.D
 Acq: 17 Jul 2016 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.6	19.2	28.8



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: 15.63 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

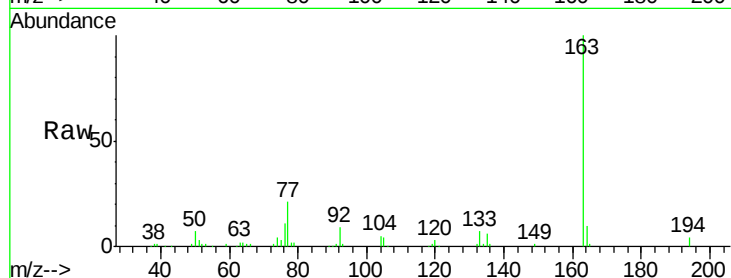
Tot Ion:163 Resp: 119860

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

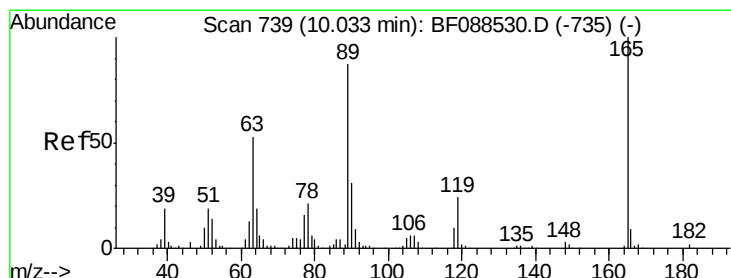
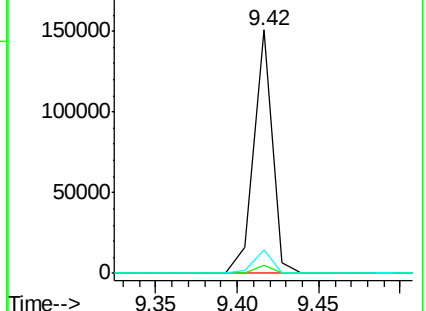
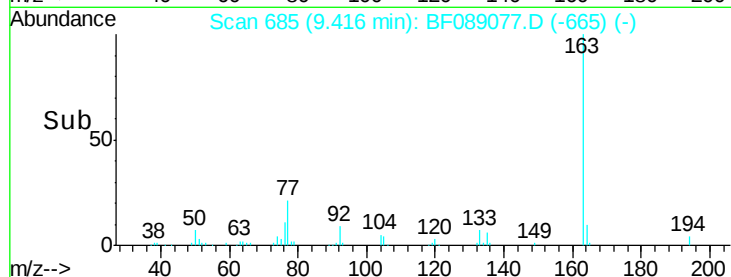
164 9.8 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.19 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.25 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Tgt Ion:165 Resp: 13750

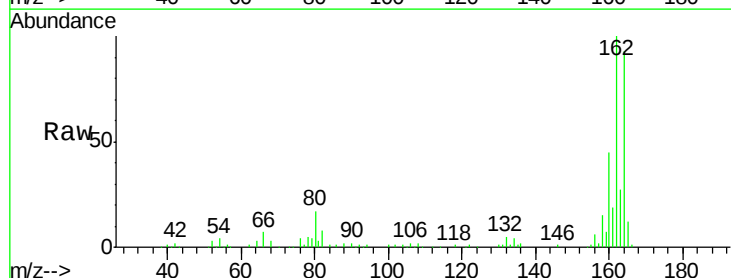
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

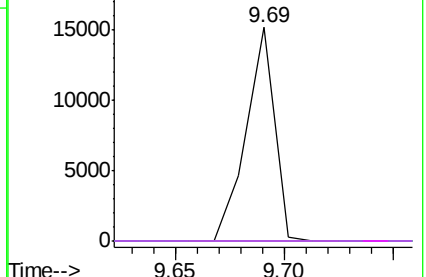
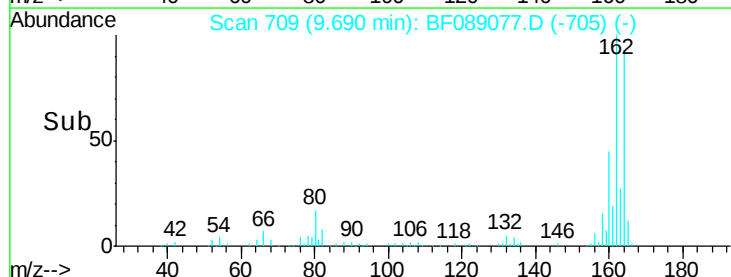


Abundance Ion 165.00 (164.70 to 165.70): E

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

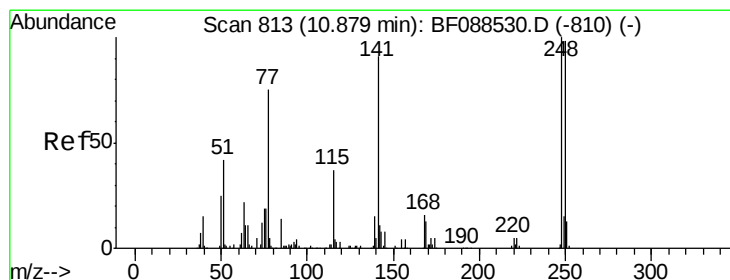
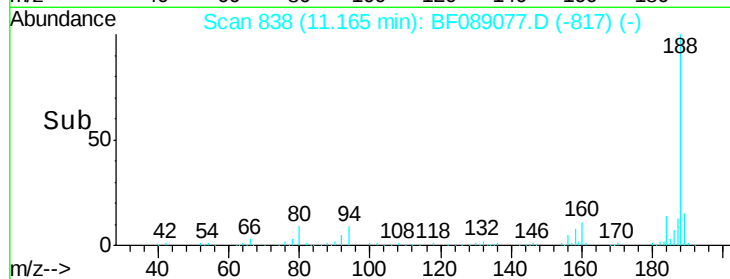
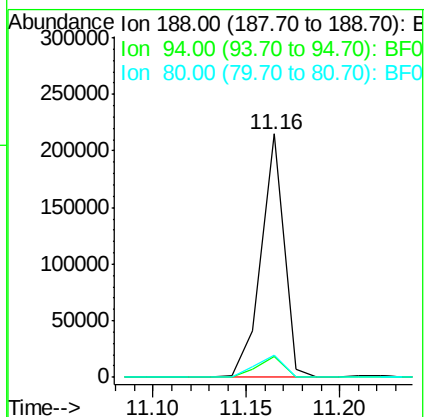
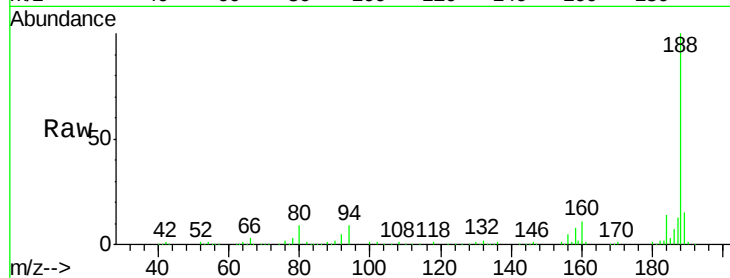




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.06 min
Lab File: BF089077.D
Acq: 17 Jul 2016 14:42

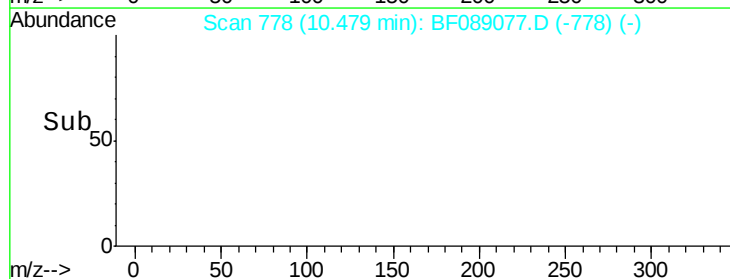
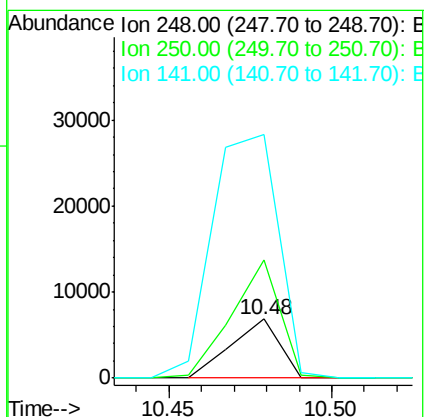
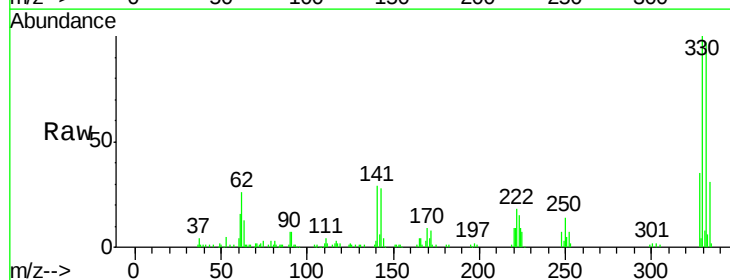
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 181718
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.6#
80 9.3 10.0 15.0#



#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.30 min
Lab File: BF089077.D
Acq: 17 Jul 2016 14:42

Tgt Ion:248 Resp: 6991
Ion Ratio Lower Upper
248 100
250 200.3 77.1 115.7#
141 411.0 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.07 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

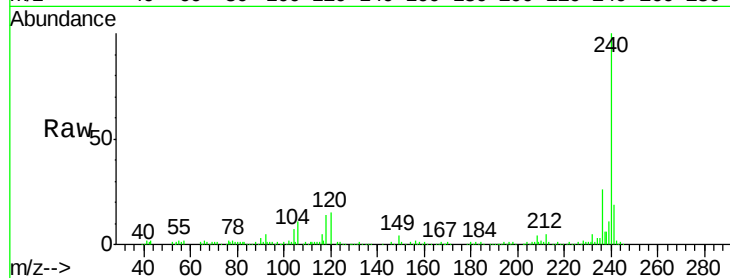
Tot Ion:240 Resp: 111508

Ion Ratio Lower Upper

240 100

120 14.8 6.8 10.2#

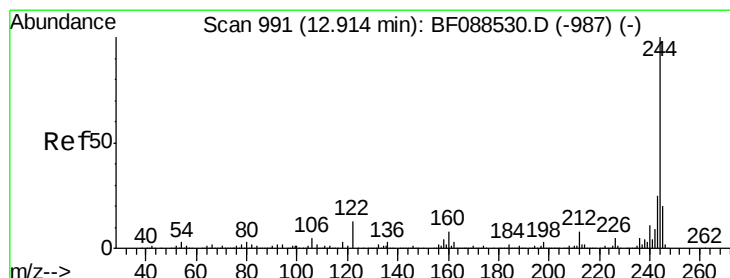
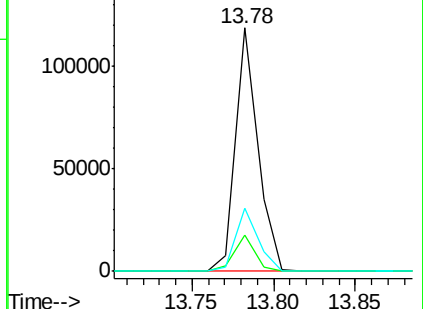
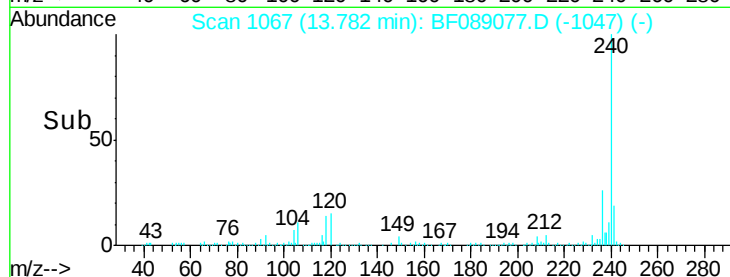
236 26.2 20.2 30.2



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: 68.77 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.06 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

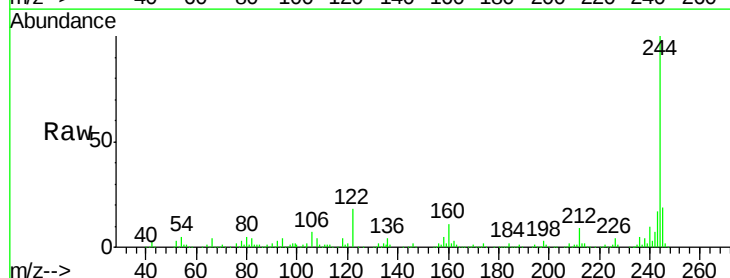
Tgt Ion:244 Resp: 344293

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

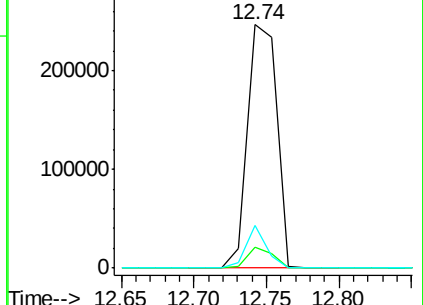
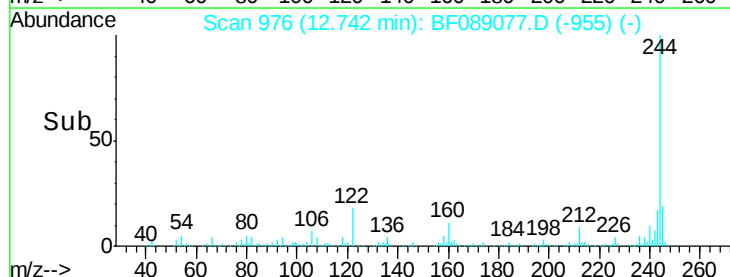
122 17.8 11.2 16.8#

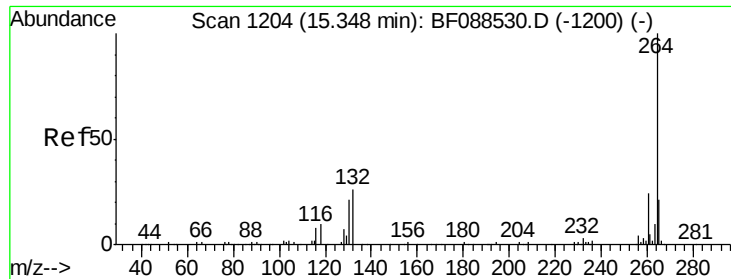


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

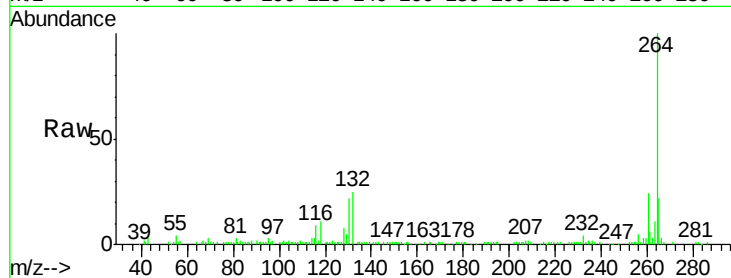




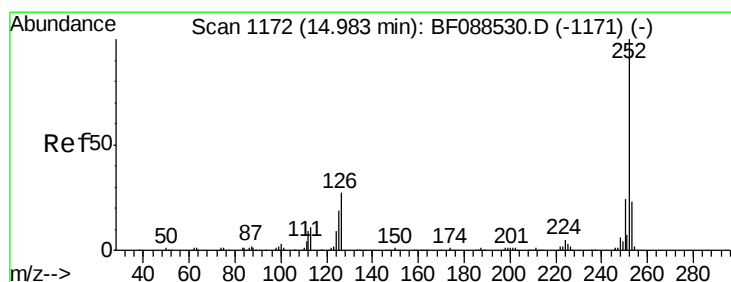
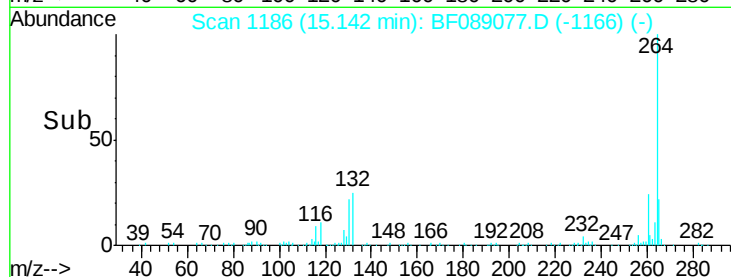
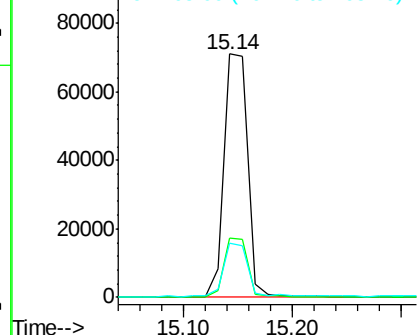
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.07 min
Lab File: BF089077.D
Acq: 17 Jul 2016 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 107144
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.4 16.9 25.3

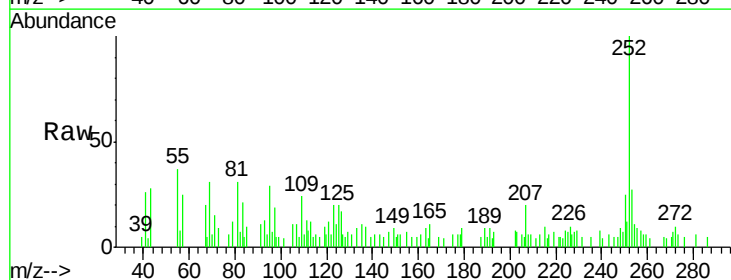


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(k)fluoranthene
Concen: 2.15 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.09 min
Lab File: BF089077.D
Acq: 17 Jul 2016 14:42

Tgt Ion:252 Resp: 12609
Ion Ratio Lower Upper
252 100
253 27.4 18.0 27.0#
125 19.9 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

