

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089426.D
 Acq On : 29 Jul 2016 23:40
 Operator : UM/SJ
 Sample : H4221-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-14.0-15.0

Quant Time: Jul 30 00:55:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

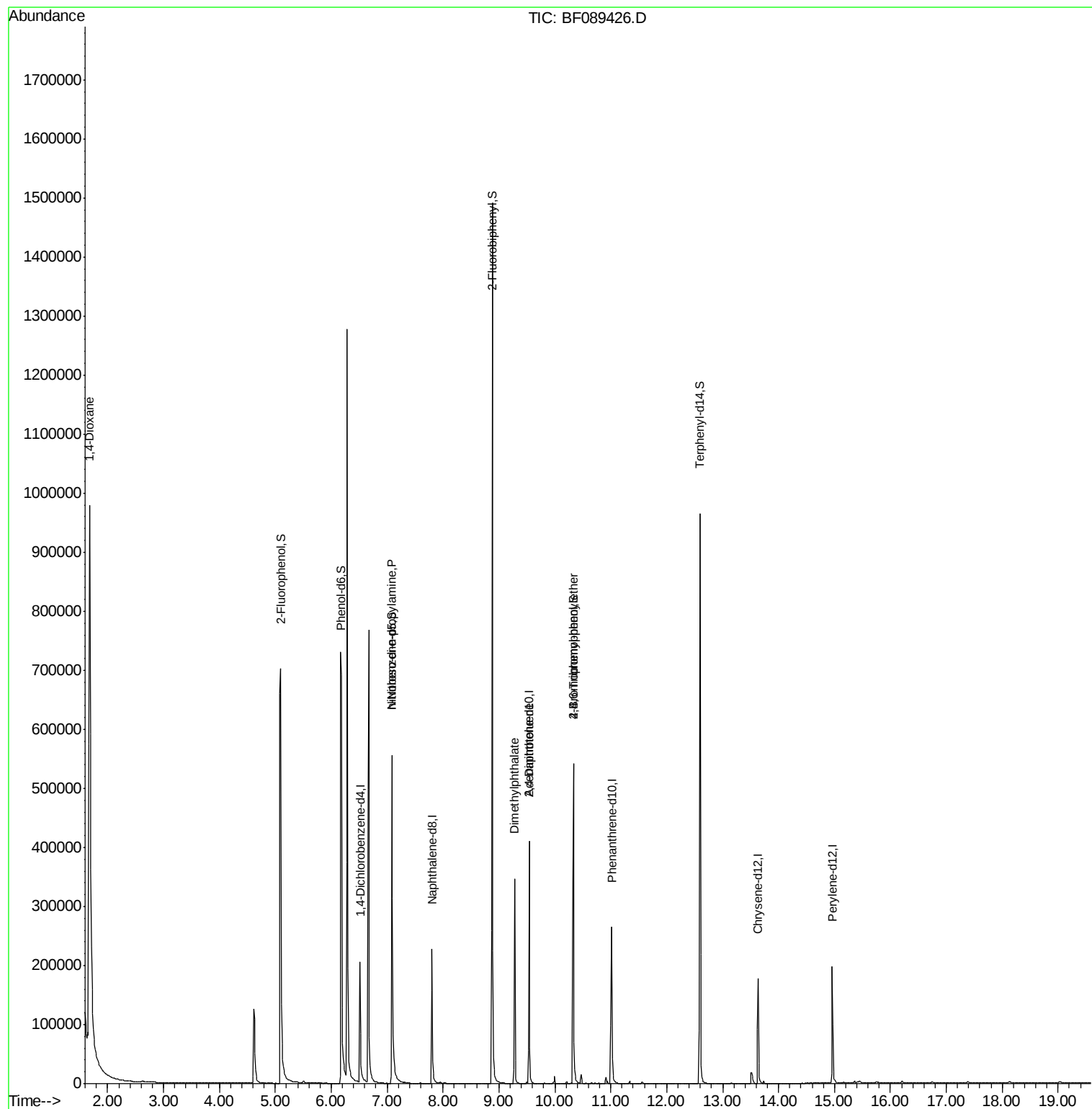
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	44588	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	173378	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	81423	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	130891	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	86105	20.00	ng	-0.03
86) Perylene-d12	14.96	264	90570	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	360939	129.25	ng	-0.01
7) Phenol-d6	6.18	99	471173	127.68	ng	-0.02
23) Nitrobenzene-d5	7.08	82	286249	97.45	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	75688	112.24	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	492187	88.71	ng	-0.03
78) Terphenyl-d14	12.59	244	299382	81.38	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.68	88	51009	40.35	ng	# 26
19) n-Nitroso-di-n-propylamine	7.08	70	36956	16.61	ng	# 82
49) Dimethylphthalate	9.28	163	137417	22.18	ng	99
56) 2,4-Dinitrotoluene	9.54	165	10021	5.98	ng	# 7
66) 4-Bromophenyl-phenylether	10.33	248	5602	4.48	ng	# 1

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

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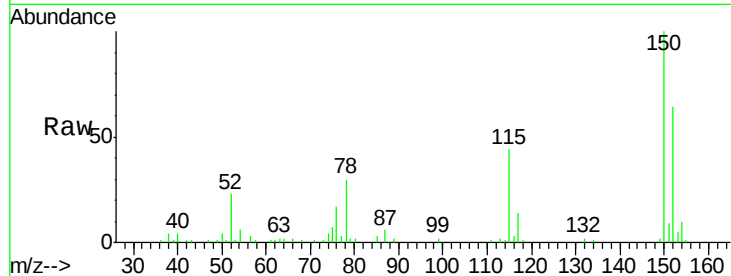




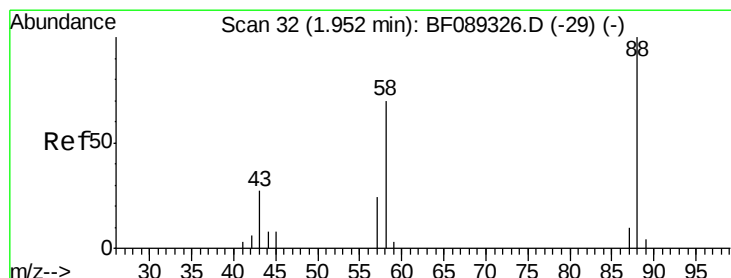
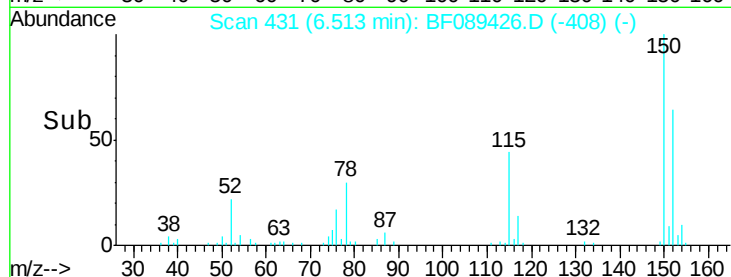
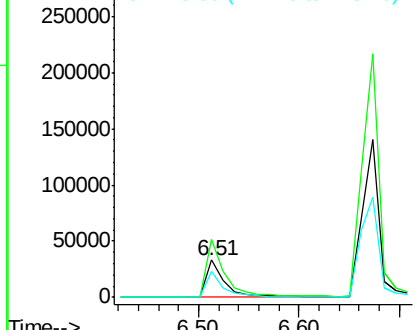
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.03 min
 Lab File: BF089426.D
 Acq: 29 Jul 2016 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-14.0-15.0

Tgt Ion: 152 Resp: 44588
 Ion Ratio Lower Upper
 152 100
 150 156.5 129.5 194.3
 115 69.1 51.4 77.2

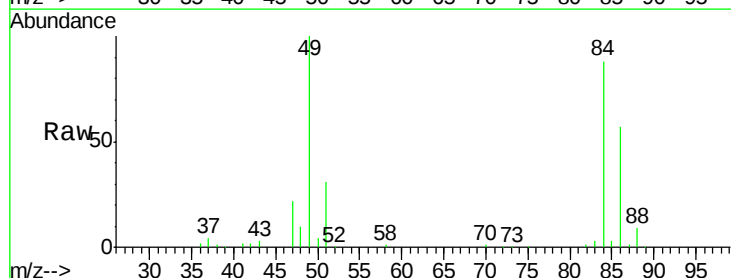


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

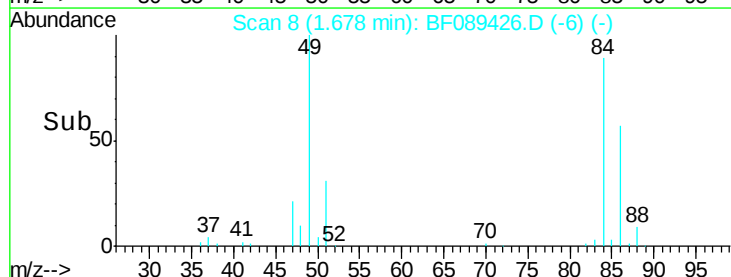
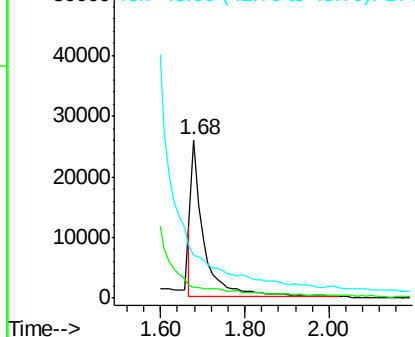


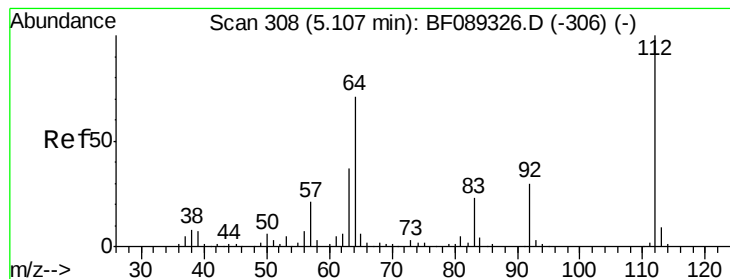
#2
 1,4-Dioxane
 Concen: 40.35 ng
 RT: 1.68 min Scan# 8
 Delta R.T. -0.27 min
 Lab File: BF089426.D
 Acq: 29 Jul 2016 23:40

Tgt Ion: 88 Resp: 51009
 Ion Ratio Lower Upper
 88 100
 58 0.0 53.2 79.8#
 43 0.0 20.6 31.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 129.25 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089426.D

Acq: 29 Jul 2016 23:40

Instrument :

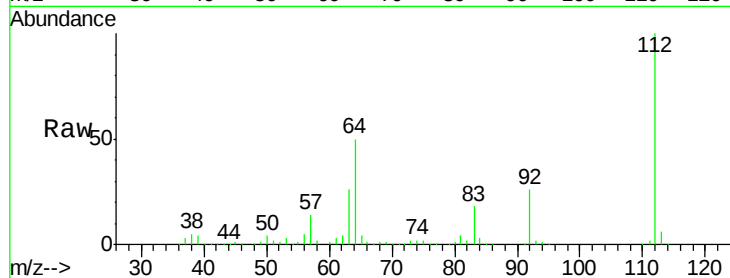
BNA_F

ClientSampleId :

SB-49-14.0-15.0

Tgt Ion: 112 Resp: 360939

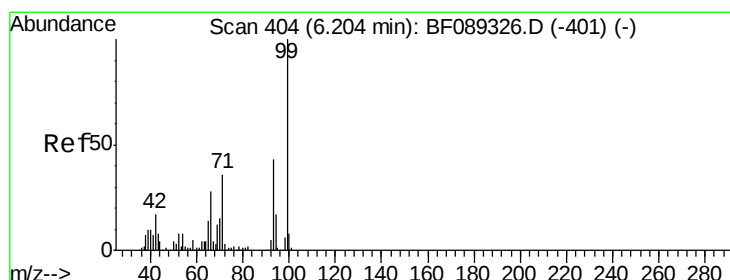
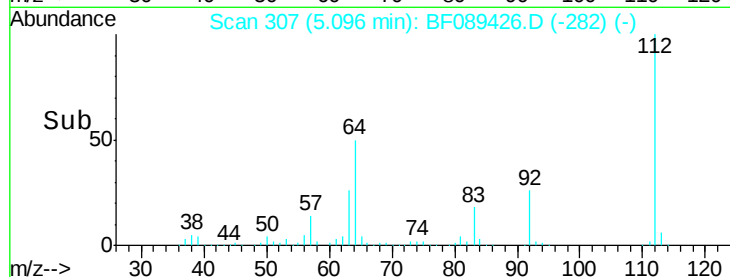
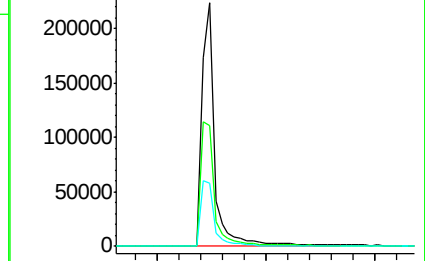
Ion	Ratio	Lower	Upper
112	100		
64	49.5	55.0	82.6#
63	26.0	29.4	44.2#



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: 127.68 ng

RT: 6.18 min Scan# 402

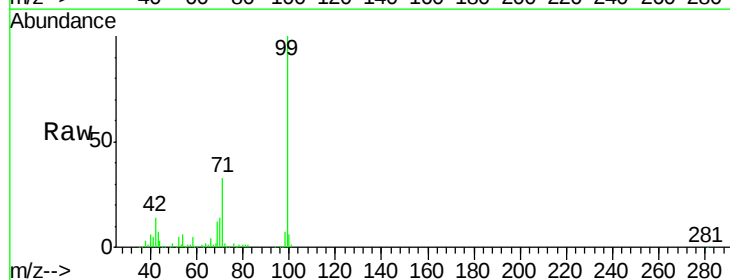
Delta R.T. -0.02 min

Lab File: BF089426.D

Acq: 29 Jul 2016 23:40

Tgt Ion: 99 Resp: 471173

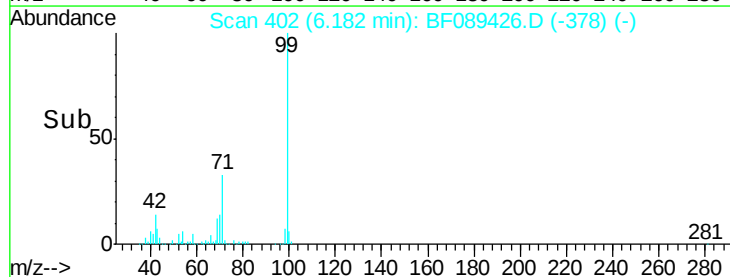
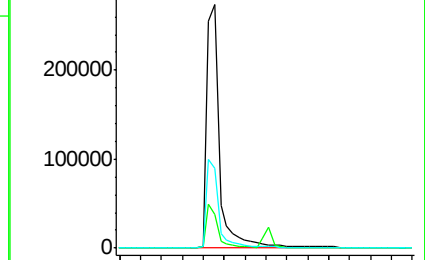
Ion	Ratio	Lower	Upper
99	100		
42	13.6	13.6	20.4
71	32.8	29.4	44.2

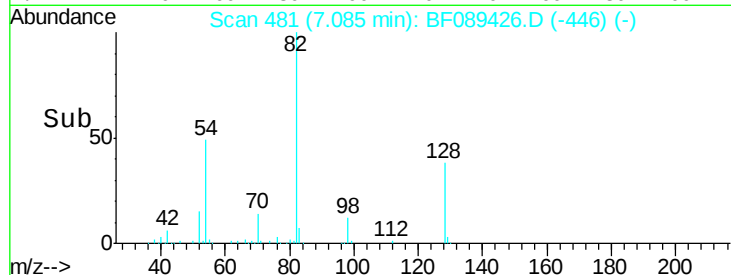
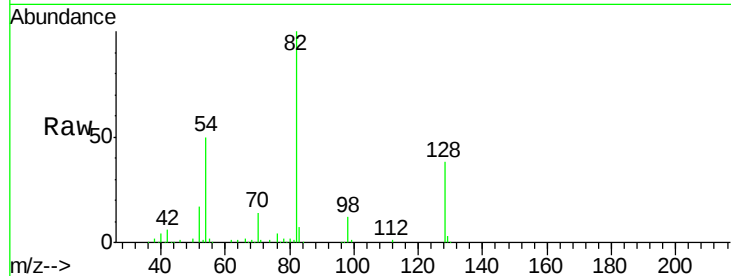
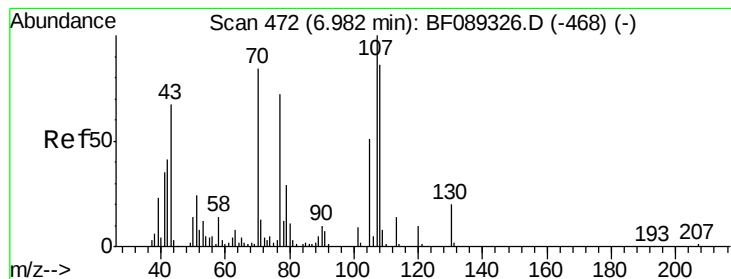


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 16.61 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.10 min

Lab File: BF089426.D

Acq: 29 Jul 2016 23:40

Instrument :

BNA_F

ClientSampleId :

SB-49-14.0-15.0

Tgt Ion: 70 Resp: 36956

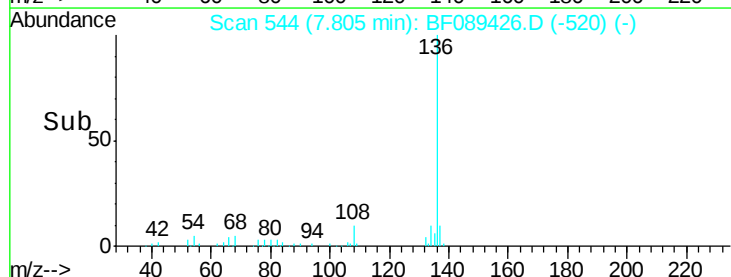
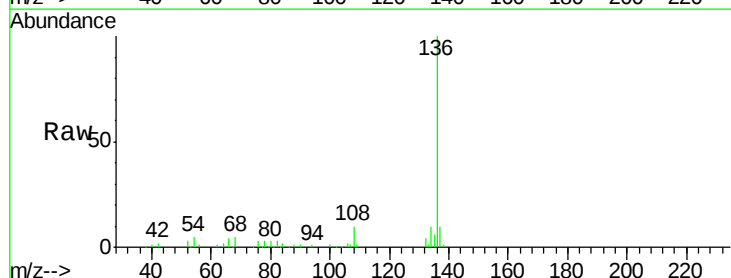
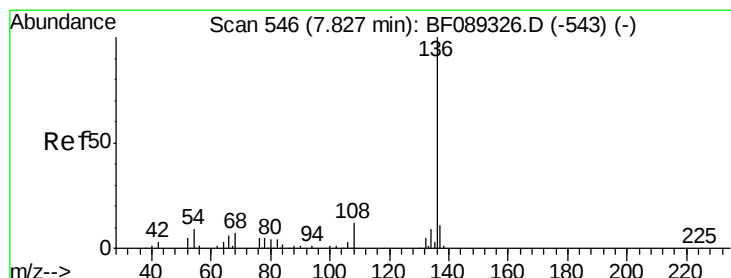
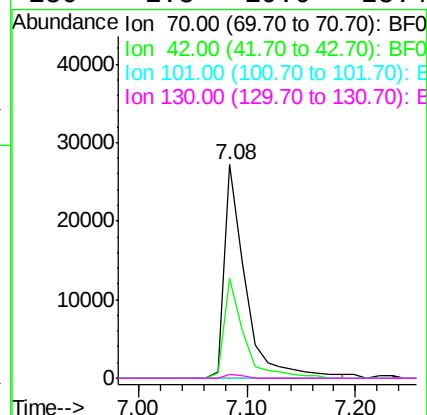
Ion Ratio Lower Upper

70 100

42 46.5 38.6 57.8

101 0.0 8.3 12.5#

130 1.8 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089426.D

Acq: 29 Jul 2016 23:40

Tgt Ion: 136 Resp: 173378

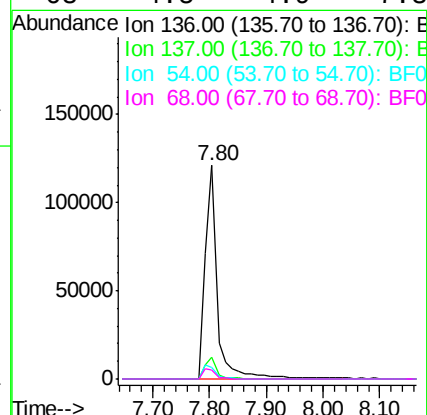
Ion Ratio Lower Upper

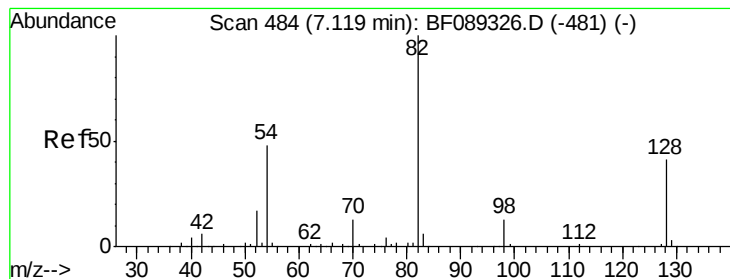
136 100

137 10.5 8.6 13.0

54 5.4 7.0 10.4#

68 4.5 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 97.45 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089426.D

Acq: 29 Jul 2016 23:40

Instrument :

BNA_F

ClientSampleId :

SB-49-14.0-15.0

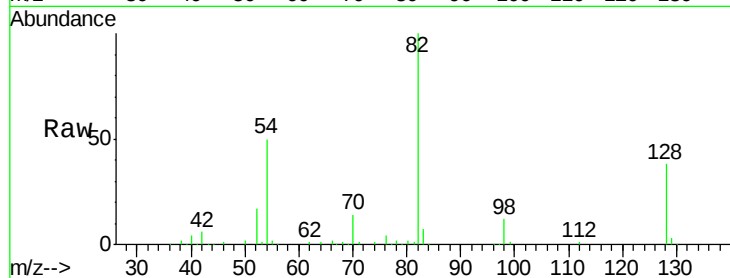
Tgt Ion: 82 Resp: 286249

Ion Ratio Lower Upper

82 100

128 37.8 32.5 48.7

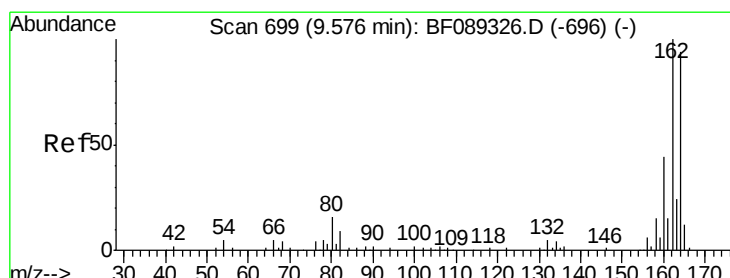
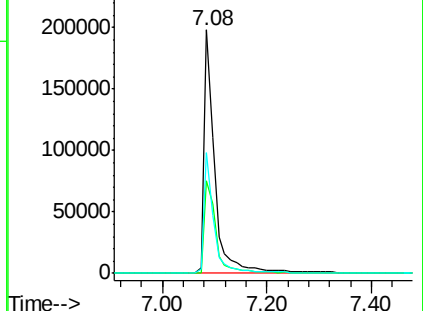
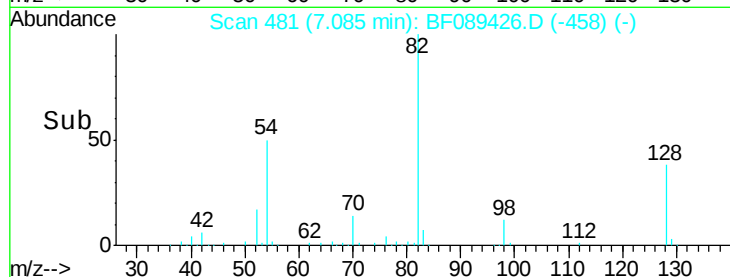
54 49.8 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF089426.D

Acq: 29 Jul 2016 23:40

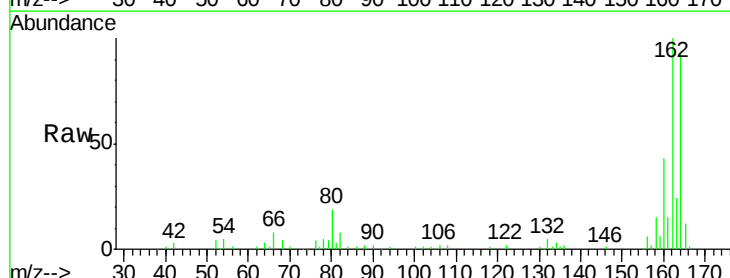
Tgt Ion: 164 Resp: 81423

Ion Ratio Lower Upper

164 100

162 107.3 83.7 125.5

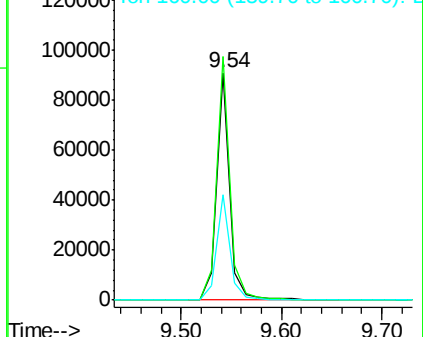
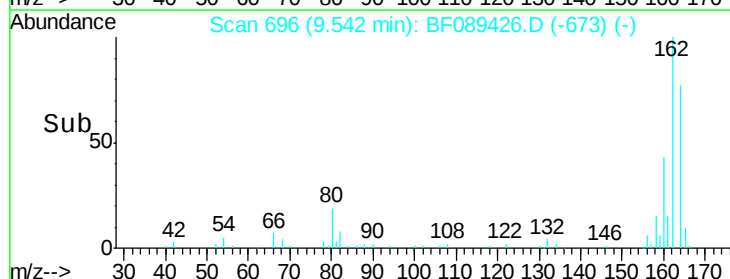
160 46.5 37.8 56.6

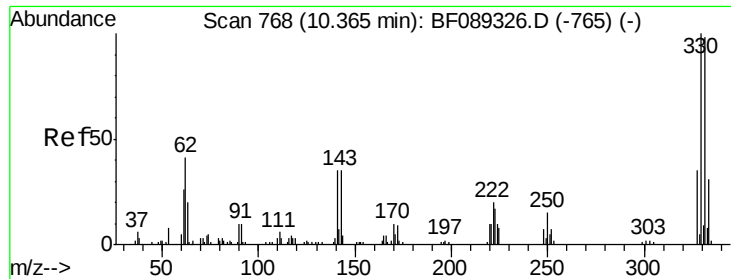


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

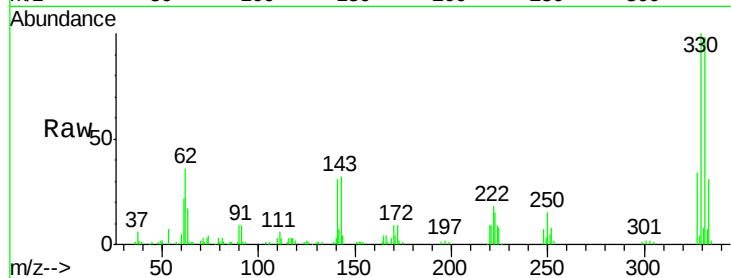




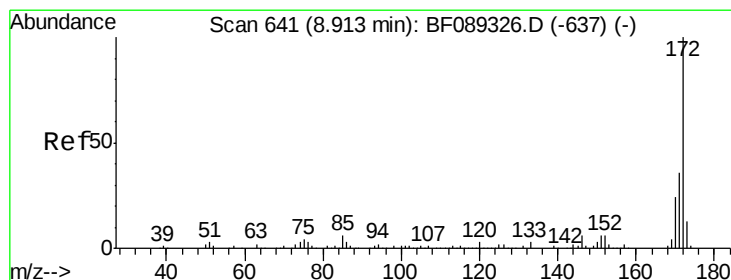
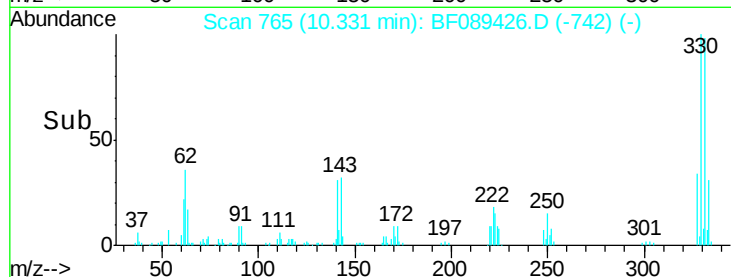
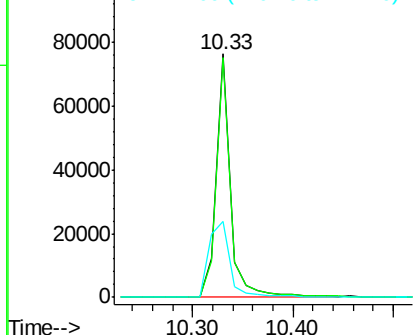
#41
 2,4,6-Tribromophenol
 Concen: 112.24 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089426.D
 Acq: 29 Jul 2016 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-14.0-15.0

Tgt Ion:330 Resp: 75688
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.8 115.2
 141 46.2 37.3 55.9

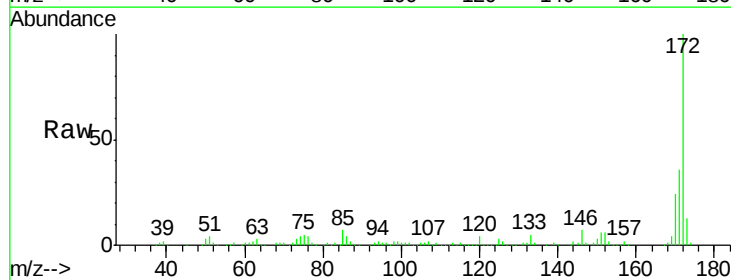


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

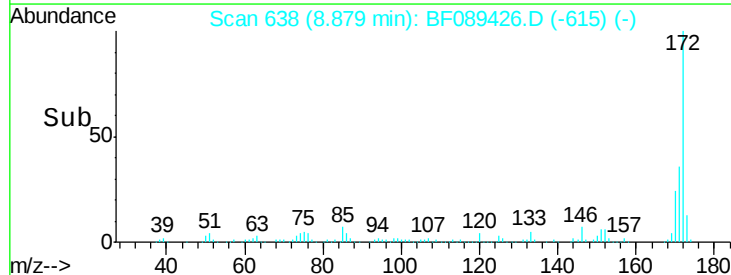
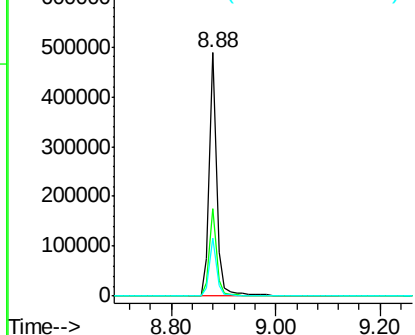


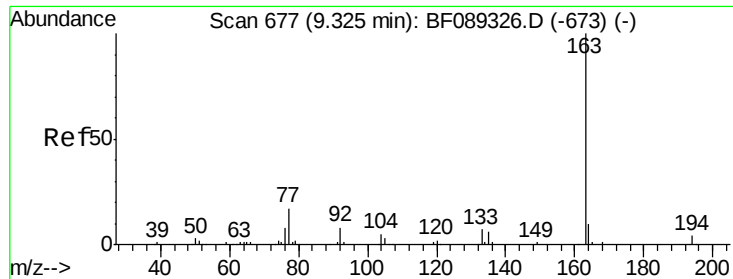
#44
 2-Fluorobiphenyl
 Concen: 88.71 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089426.D
 Acq: 29 Jul 2016 23:40

Tgt Ion:172 Resp: 492187
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.8 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

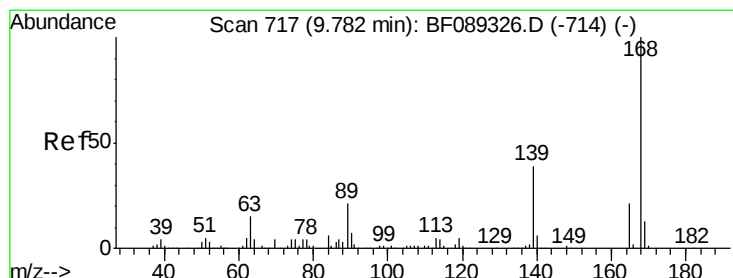
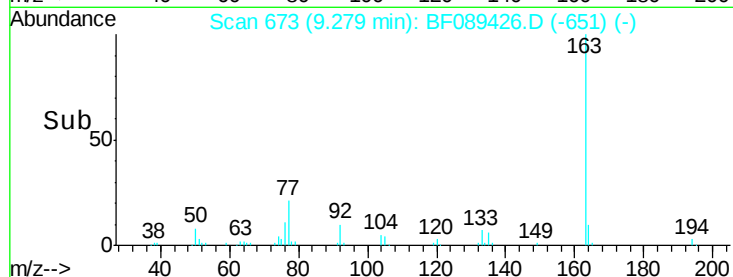
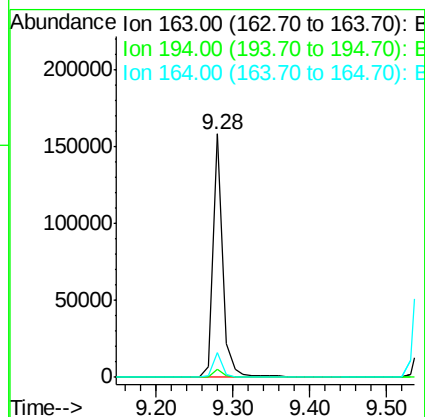
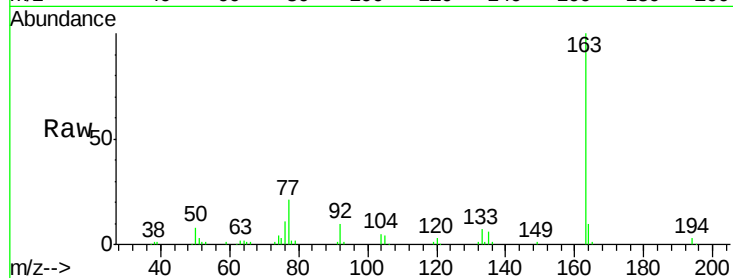




#49
Dimethylphthalate
Concen: 22.18 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089426.D
Acq: 29 Jul 2016 23:40

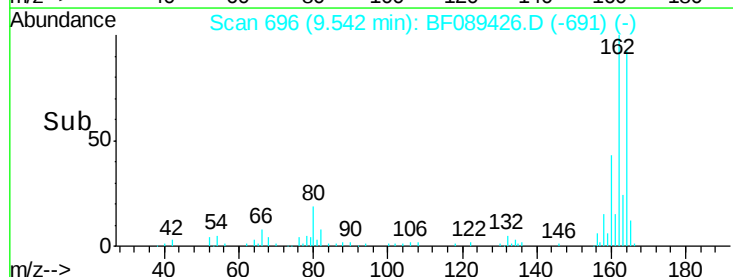
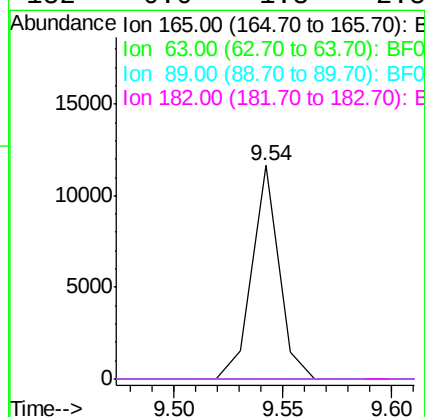
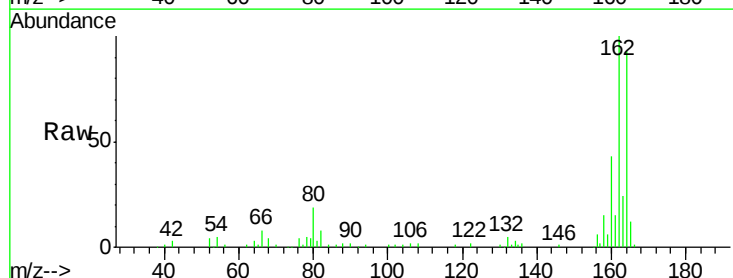
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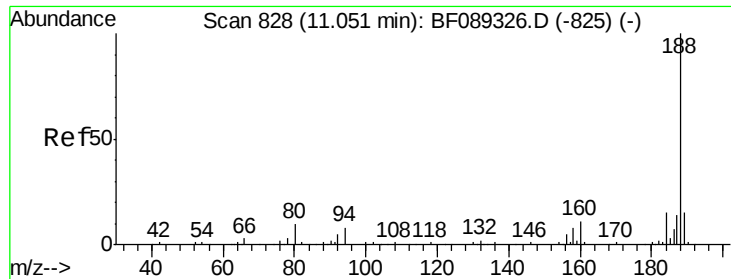
Tgt Ion:163 Resp: 137417
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.2 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.24 min
Lab File: BF089426.D
Acq: 29 Jul 2016 23:40

Tgt Ion:165 Resp: 10021
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.2#
89 0.0 79.1 118.7#
182 0.0 1.8 2.8#

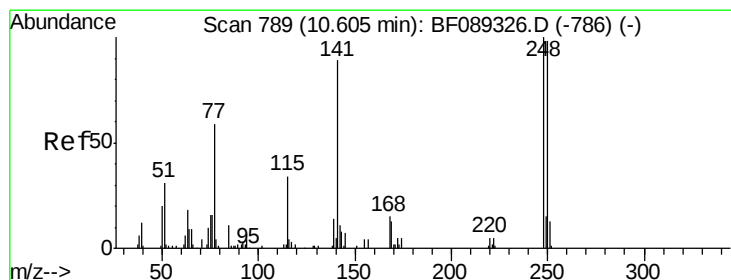
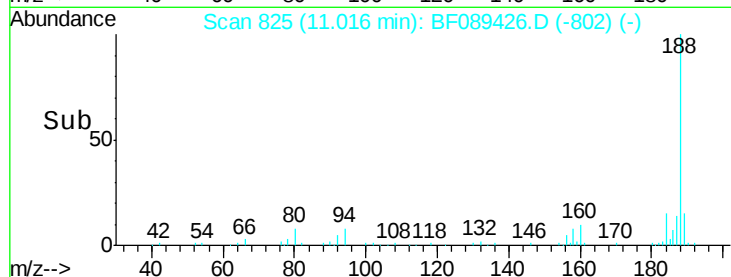
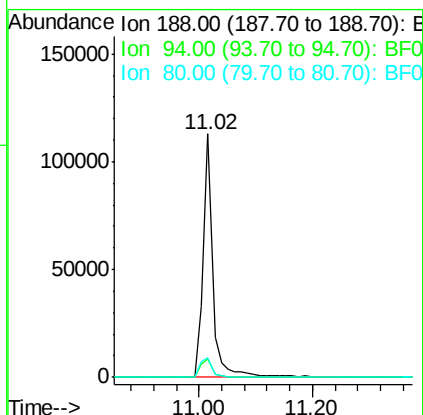
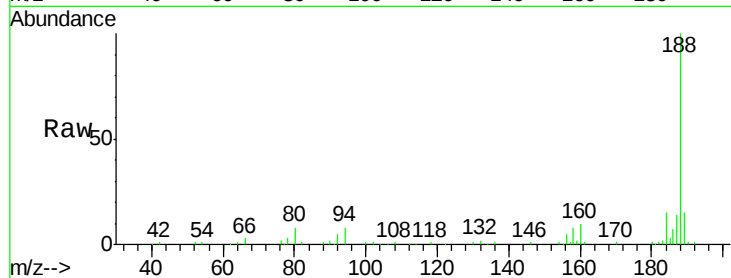




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF089426.D
 Acq: 29 Jul 2016 23:40

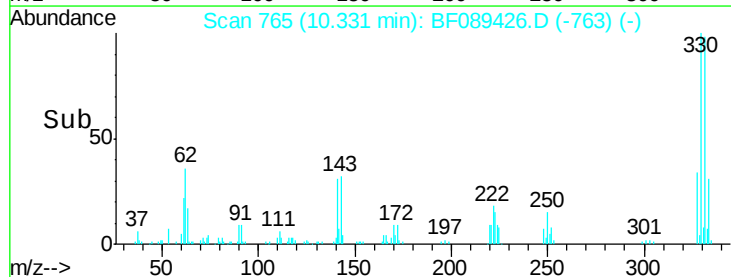
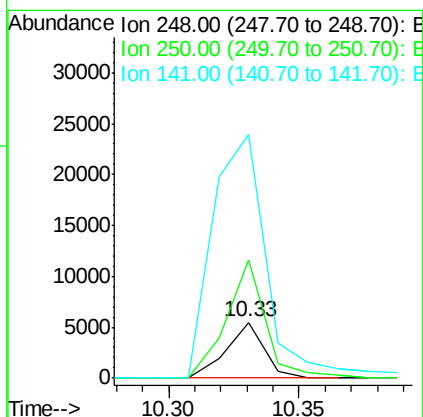
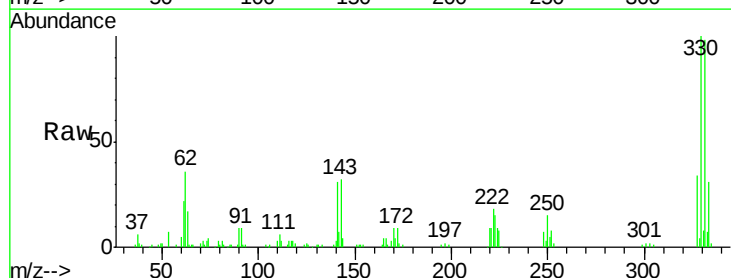
Instrument :
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 SB-49-14.0-15.0

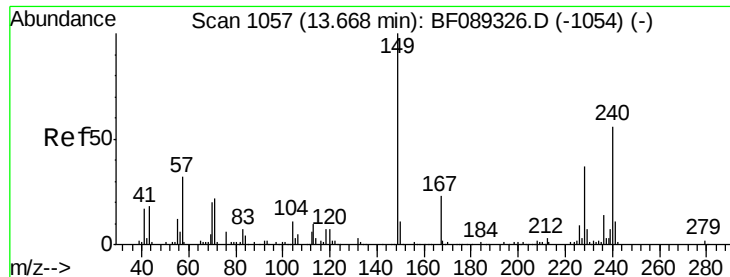
Tgt Ion:188 Resp: 130891
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.5 9.7
 80 8.2 7.2 10.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.48 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.27 min
 Lab File: BF089426.D
 Acq: 29 Jul 2016 23:40

Tgt Ion:248 Resp: 5602
 Ion Ratio Lower Upper
 248 100
 250 211.2 78.2 117.2#
 141 435.6 62.0 93.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089426.D

Acq: 29 Jul 2016 23:40

Instrument :

BNA_F

ClientSampleId :

SB-49-14.0-15.0

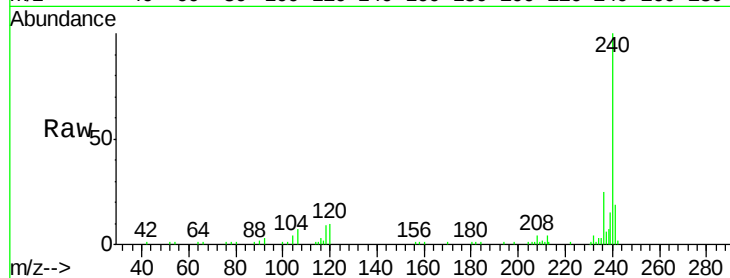
Tgt Ion:240 Resp: 86105

Ion Ratio Lower Upper

240 100

120 10.4 9.1 13.7

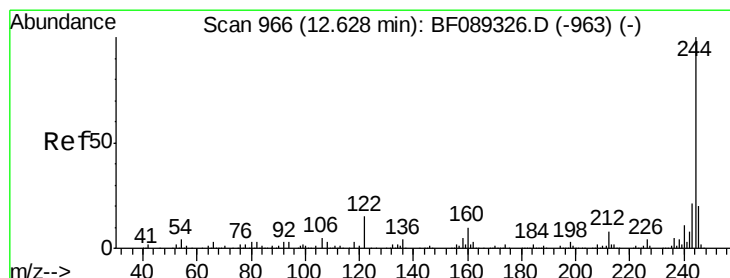
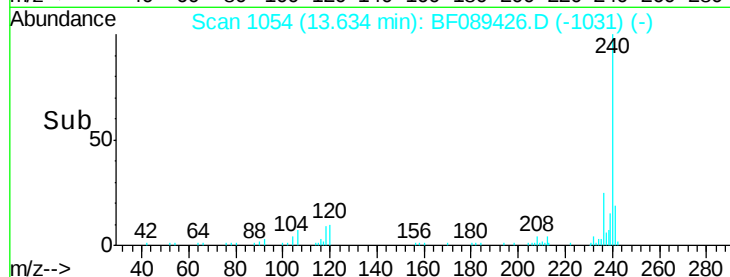
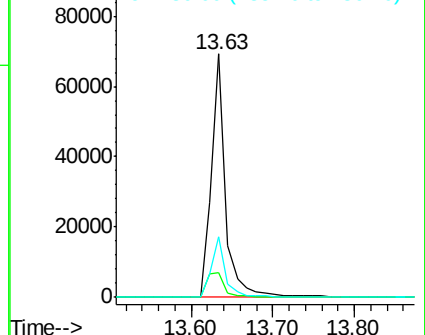
236 25.0 20.6 30.8



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



#78

Terphenyl-d14

Concen: 81.38 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF089426.D

Acq: 29 Jul 2016 23:40

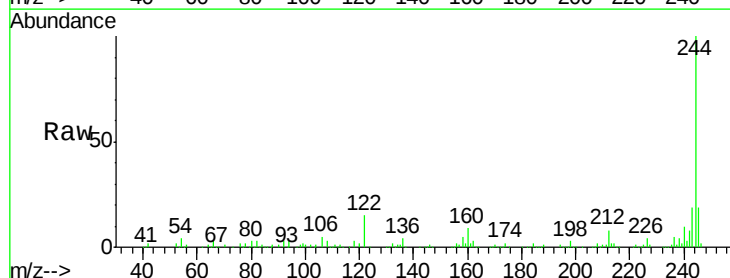
Tgt Ion:244 Resp: 299382

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

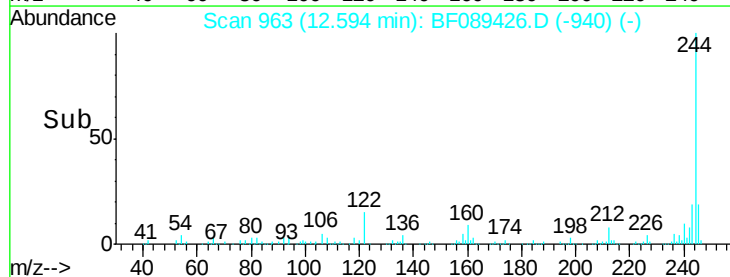
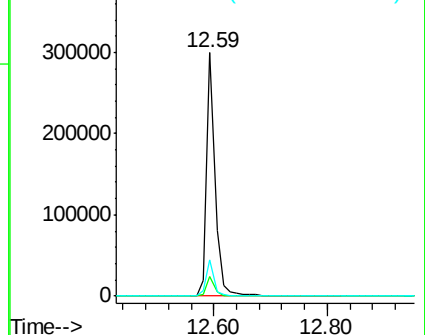
122 14.9 11.4 17.0

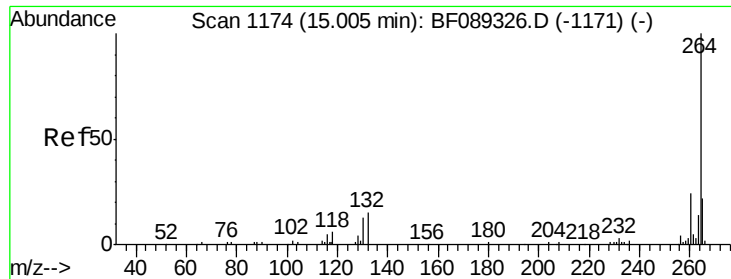


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

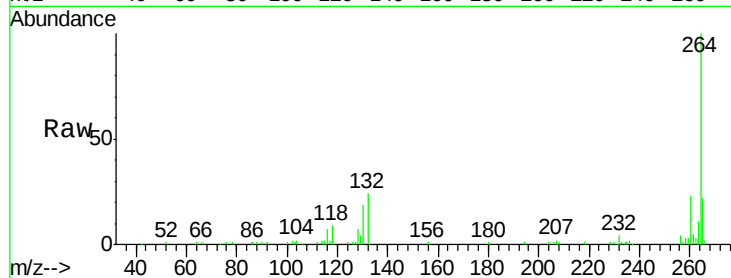




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF089426.D
 Acq: 29 Jul 2016 23:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-14.0-15.0

Tgt Ion: 264 Resp: 90570
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.7 17.5 26.3



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

