

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072916\
 Data File : BF089411.D
 Acq On : 29 Jul 2016 14:47
 Operator : UM/SJ
 Sample : H4200-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 15:40:18 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

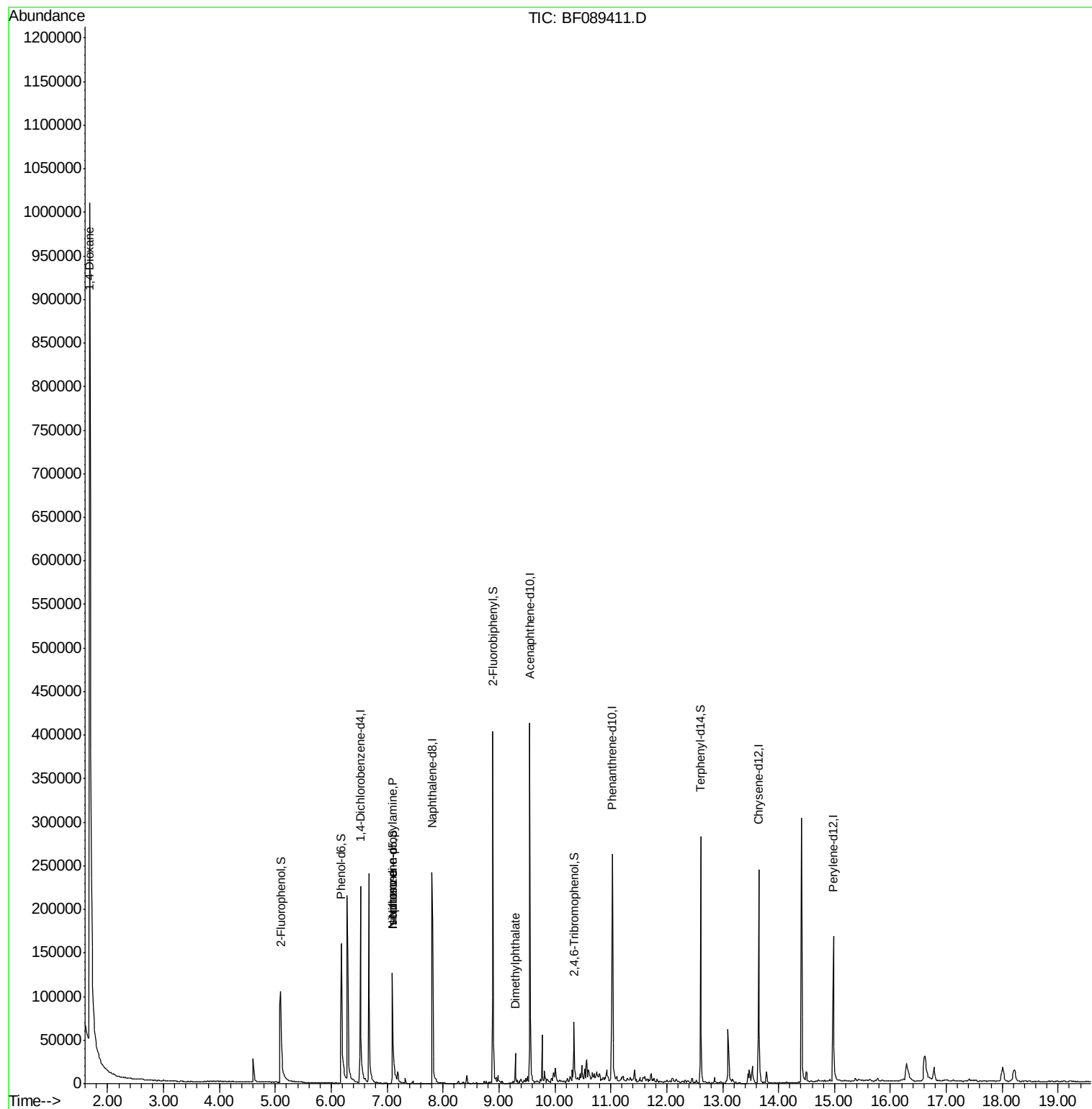
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	44686	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	176373	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	78259	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	115822	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	93653	20.00	ng	-0.02
86) Perylene-d12	14.98	264	81823	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	75360	26.93	ng	-0.01
7) Phenol-d6	6.18	99	108016	29.21	ng	-0.02
23) Nitrobenzene-d5	7.10	82	71946	24.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	10469	16.15	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	146013	27.38	ng	-0.02
78) Terphenyl-d14	12.61	244	92224	23.05	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.68	88	54175	42.99	ng	# 26
19) n-Nitroso-di-n-propylamine	7.10	70	8192	3.67	ng	# 80
25) Isophorone	7.10	82	71227	11.83	ng	# 67
49) Dimethylphthalate	9.29	163	15217	2.55	ng	98

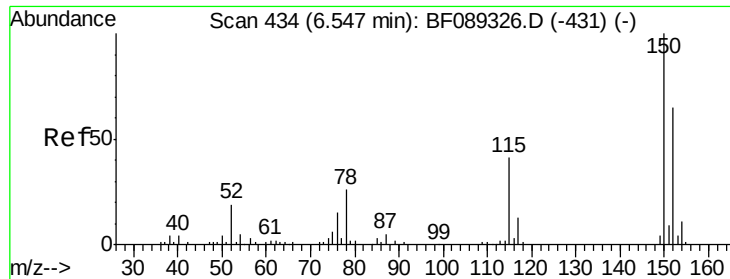
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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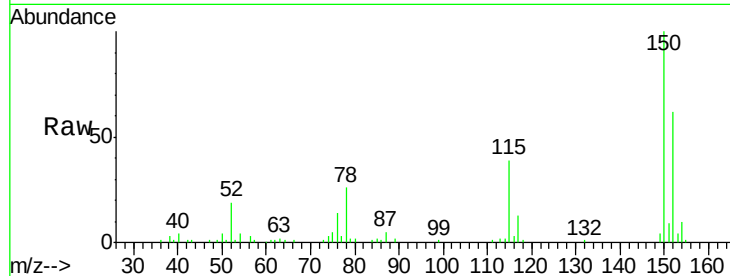


#1

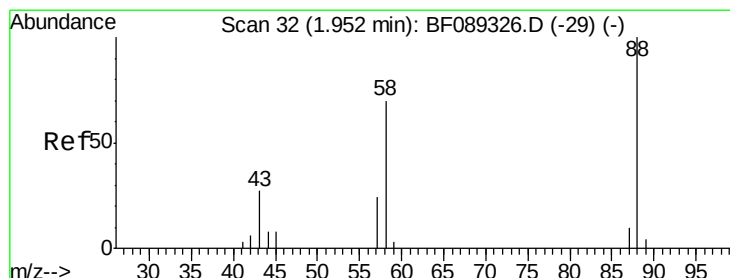
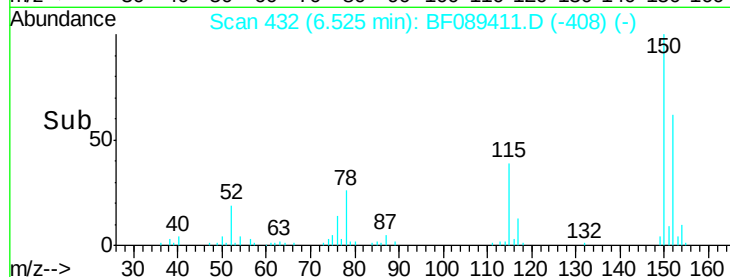
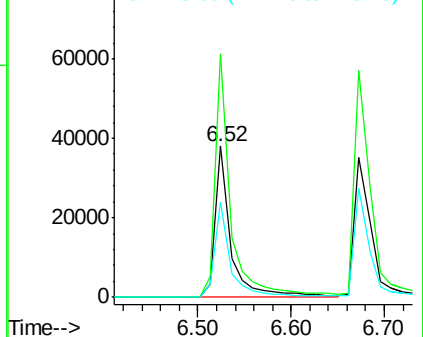
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF089411.D
Acq: 29 Jul 2016 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44686
Ion Ratio Lower Upper
152 100
150 160.8 129.5 194.3
115 63.1 51.4 77.2



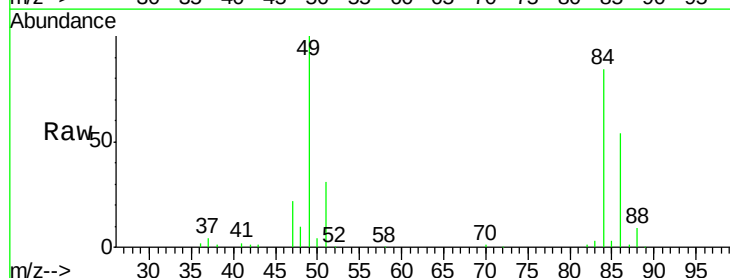
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



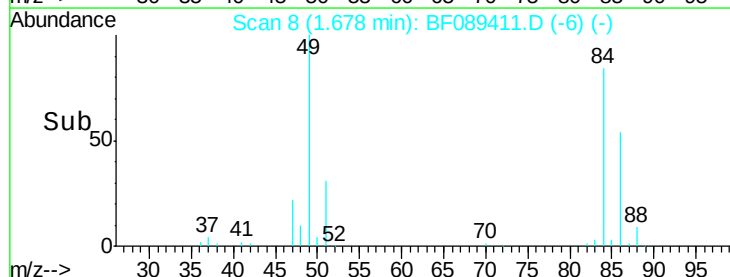
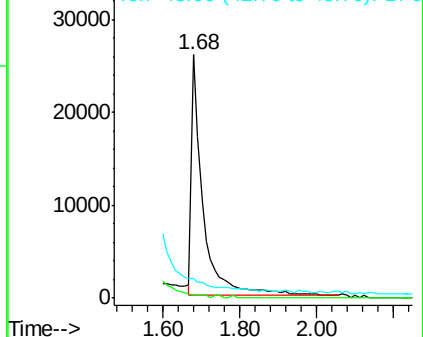
#2

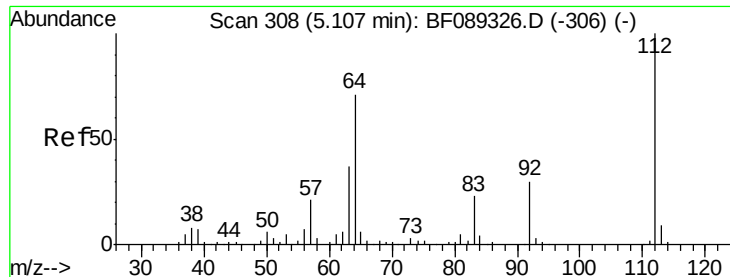
1,4-Dioxane
Concen: 42.99 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.27 min
Lab File: BF089411.D
Acq: 29 Jul 2016 14:47

Tgt Ion: 88 Resp: 54175
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: 26.93 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089411.D

Acq: 29 Jul 2016 14:47

Instrument :

BNA_F

ClientSampleId :

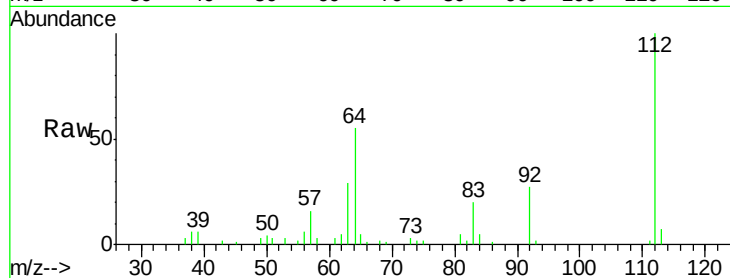
Tot Ion:112 Resp: 75360

Ion Ratio Lower Upper

112 100

64 55.2 55.0 82.6

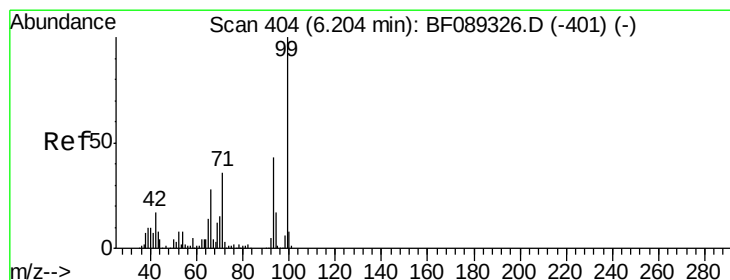
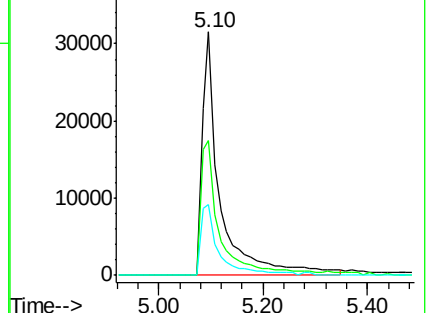
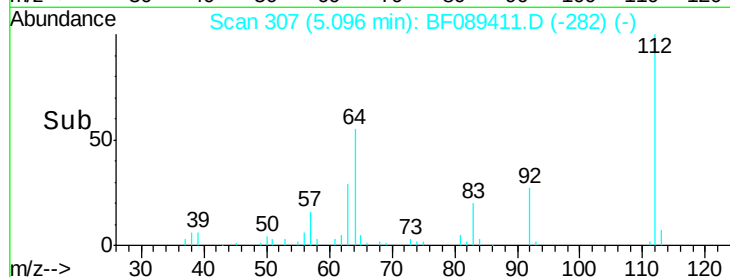
63 28.9 29.4 44.2#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 29.21 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089411.D

Acq: 29 Jul 2016 14:47

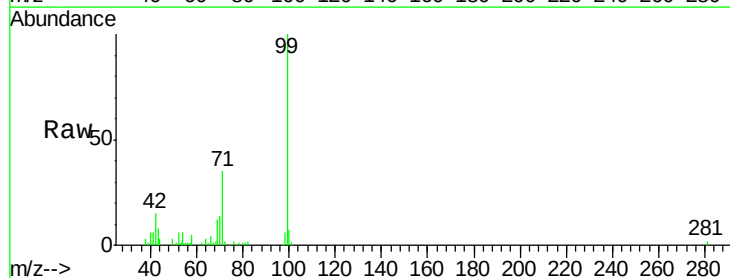
Tgt Ion: 99 Resp: 108016

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

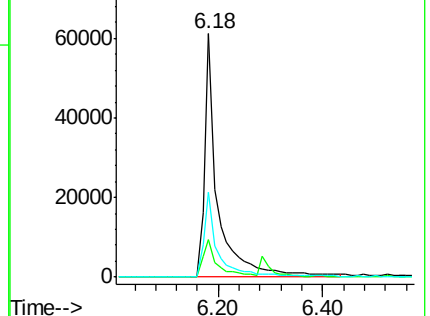
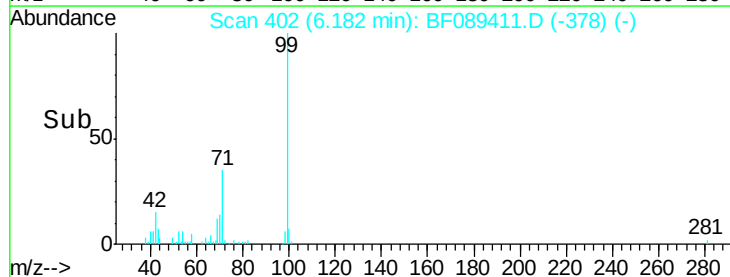
71 34.7 29.4 44.2

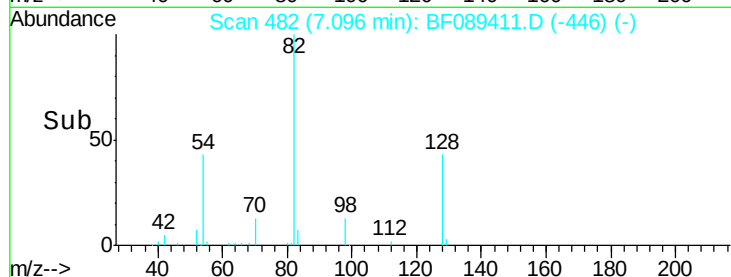
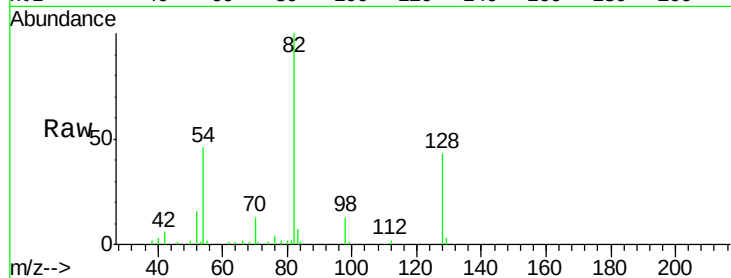
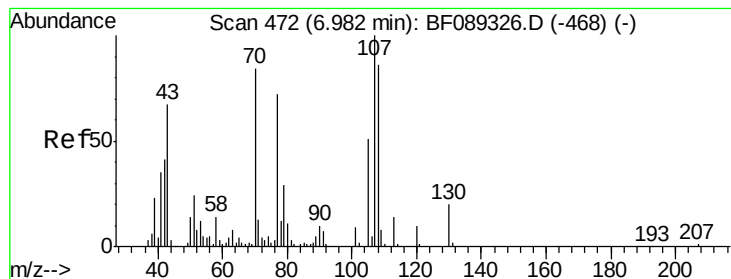


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 3.67 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.11 min

Lab File: BF089411.D

Acq: 29 Jul 2016 14:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 8192

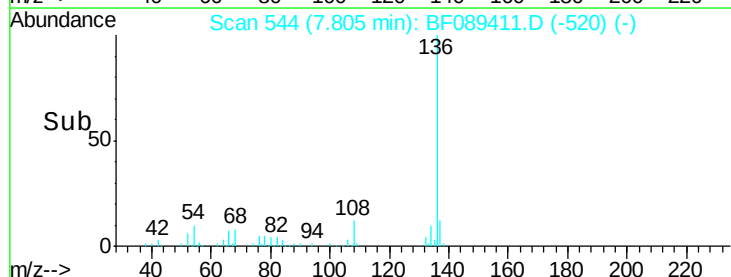
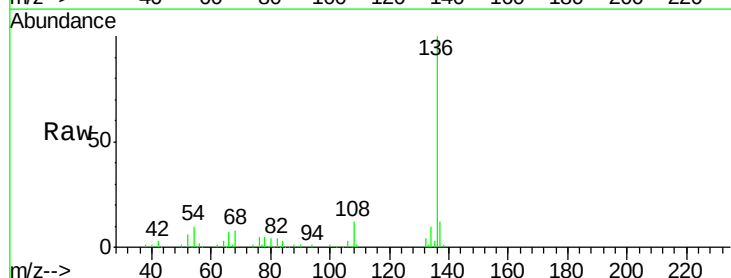
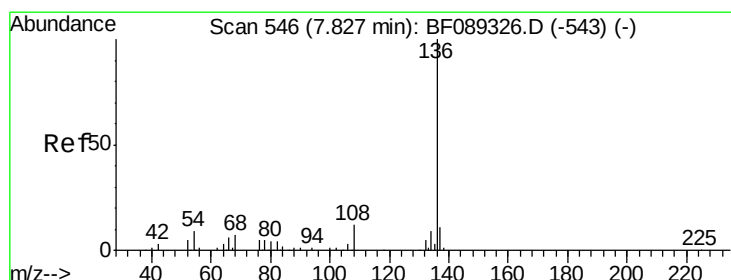
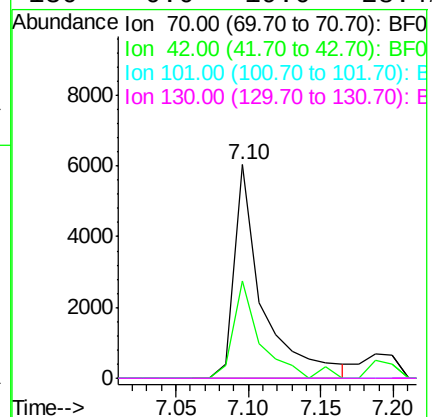
Ion Ratio Lower Upper

70 100

42 45.7 38.6 57.8

101 0.0 8.3 12.5#

130 0.0 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: BF089411.D

Acq: 29 Jul 2016 14:47

Tgt Ion: 136 Resp: 176373

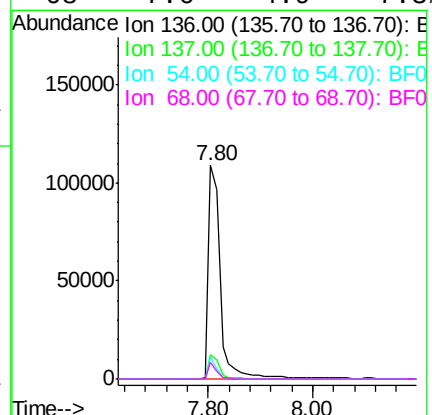
Ion Ratio Lower Upper

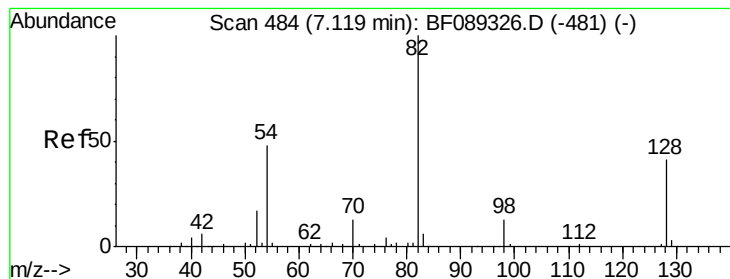
136 100

137 11.5 8.6 13.0

54 10.4 7.0 10.4

68 7.6 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 24.08 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089411.D

Acq: 29 Jul 2016 14:47

Instrument :

BNA_F

ClientSampleId :

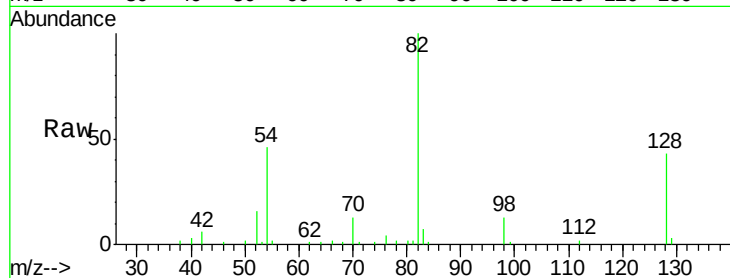
Tot Ion: 82 Resp: 71946

Ion Ratio Lower Upper

82 100

128 43.2 32.5 48.7

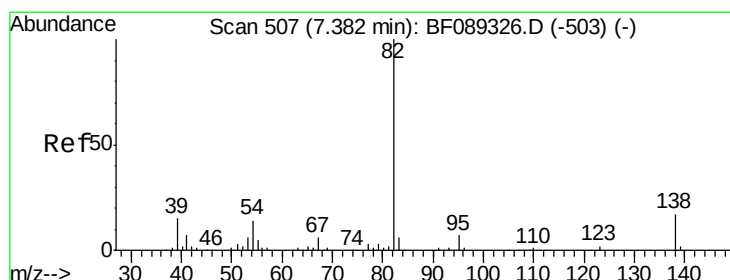
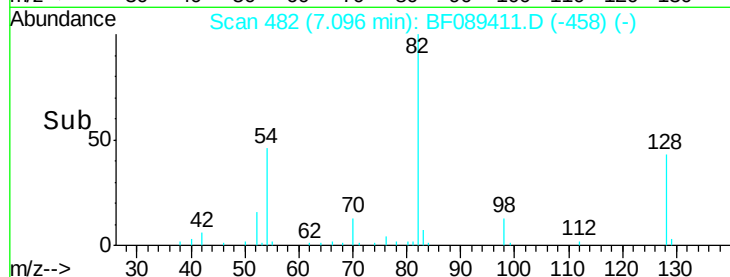
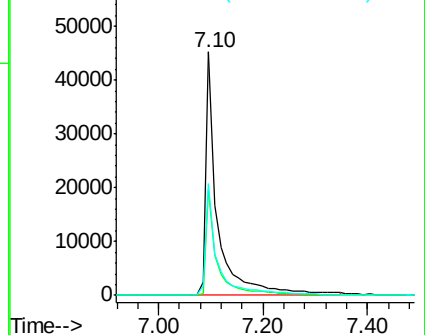
54 45.7 38.8 58.2



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



#25

Isophorone

Concen: 11.83 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.29 min

Lab File: BF089411.D

Acq: 29 Jul 2016 14:47

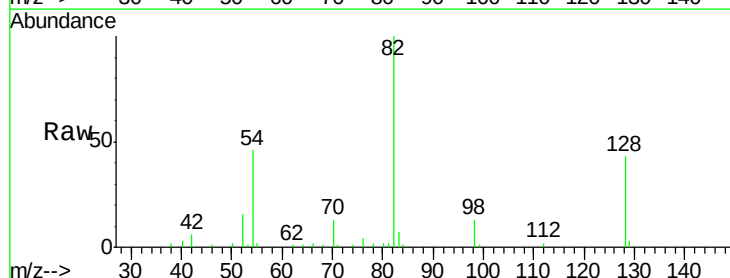
Tgt Ion: 82 Resp: 71227

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

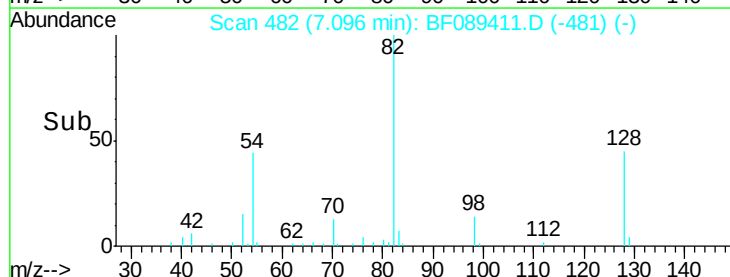
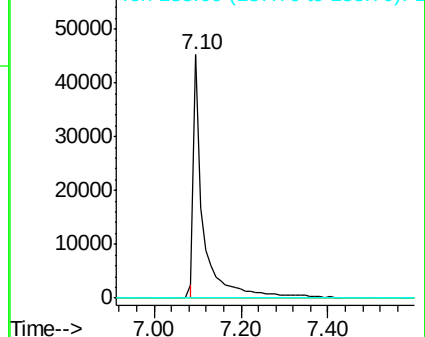
138 0.0 13.3 19.9#

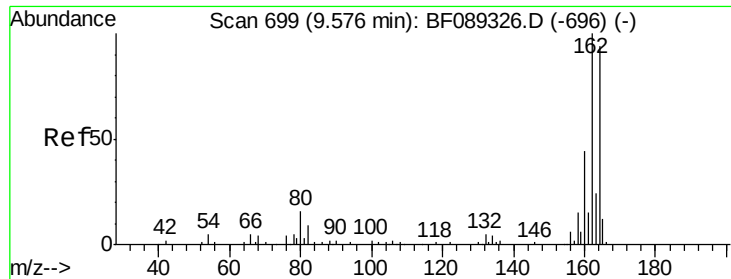


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

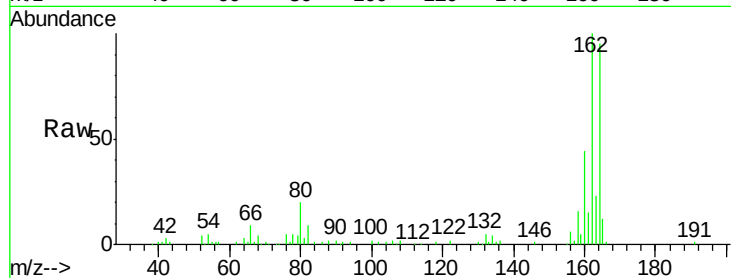




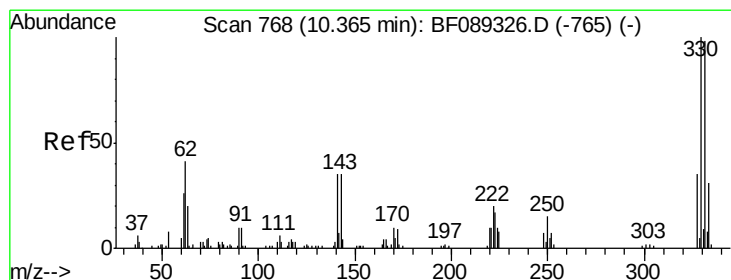
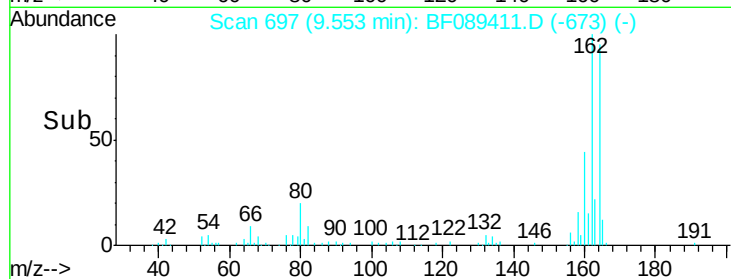
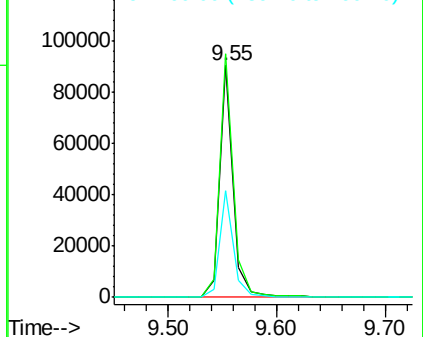
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF089411.D
Acq: 29 Jul 2016 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 78259
Ion Ratio Lower Upper
164 100
162 105.1 83.7 125.5
160 46.2 37.8 56.6

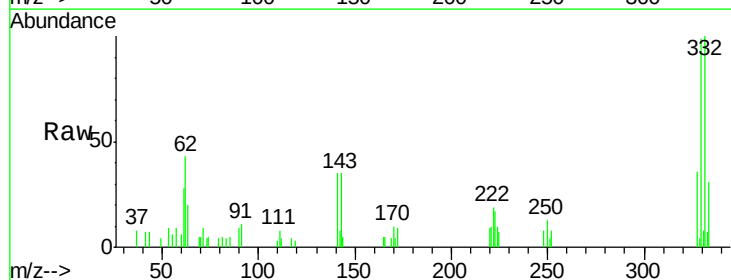


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

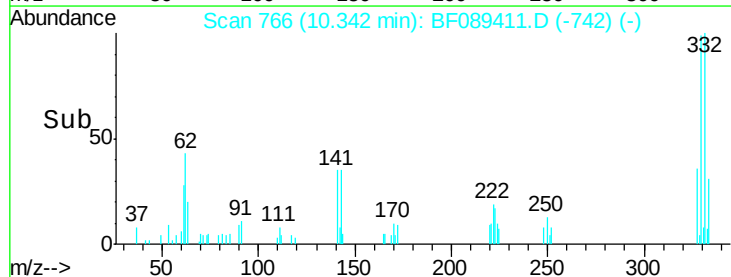
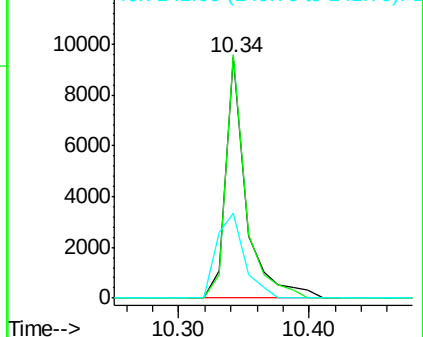


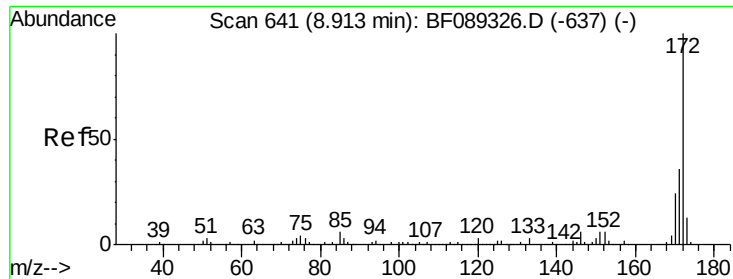
#41
2,4,6-Tribromophenol
Concen: 16.15 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF089411.D
Acq: 29 Jul 2016 14:47

Tgt Ion:330 Resp: 10469
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 47.7 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

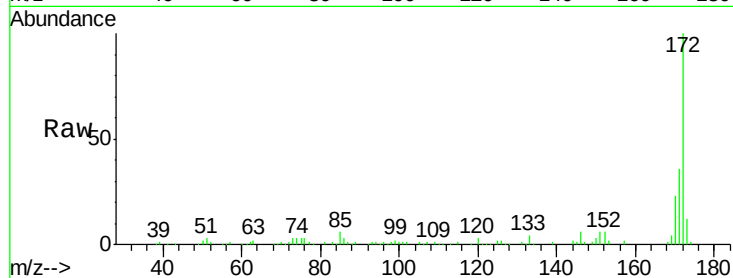




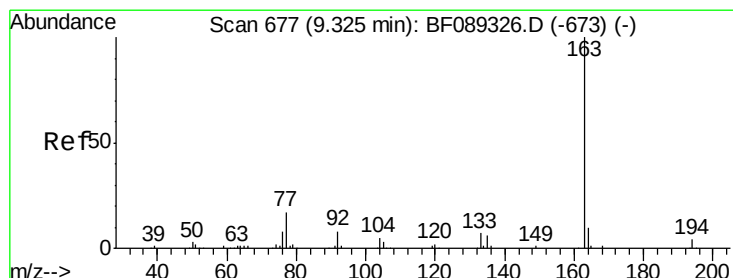
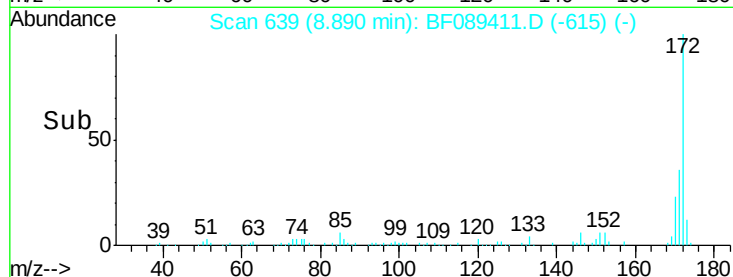
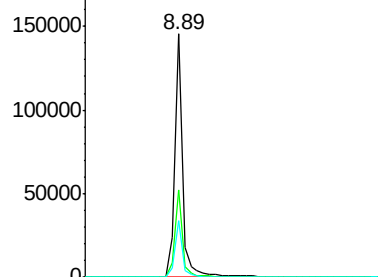
#44
2-Fluorobiphenyl
Concen: 27.38 ng
RT: 8.89 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF089411.D
Acq: 29 Jul 2016 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 146013
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.1 19.2 28.8

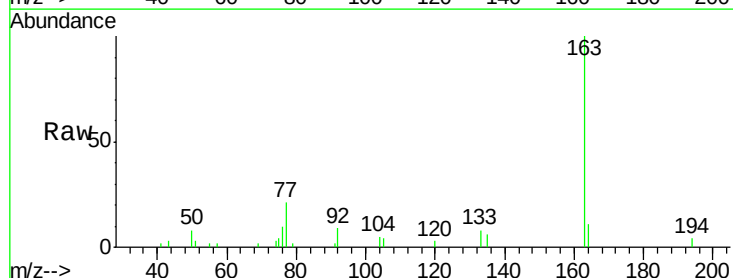


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

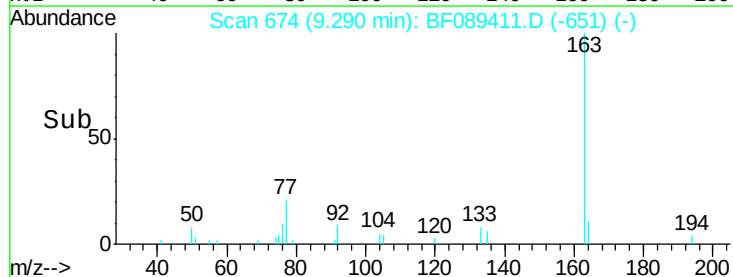
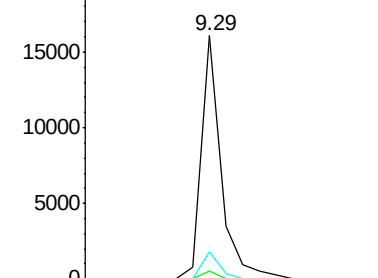


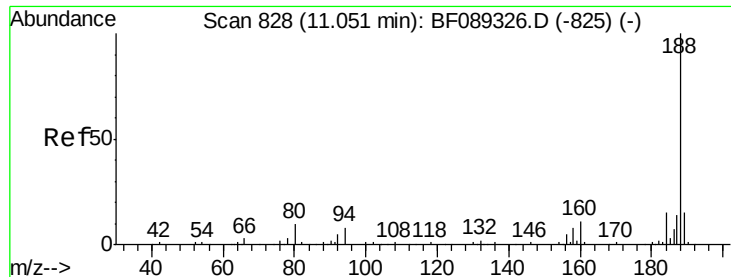
#49
Dimethylphthalate
Concen: 2.55 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF089411.D
Acq: 29 Jul 2016 14:47

Tgt Ion:163 Resp: 15217
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 11.0 7.8 11.8



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

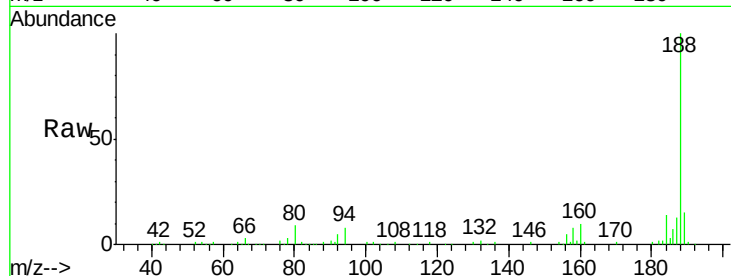




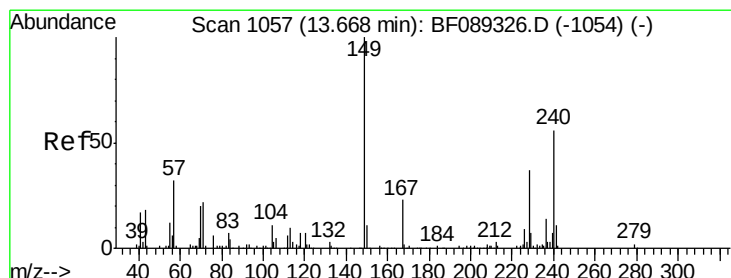
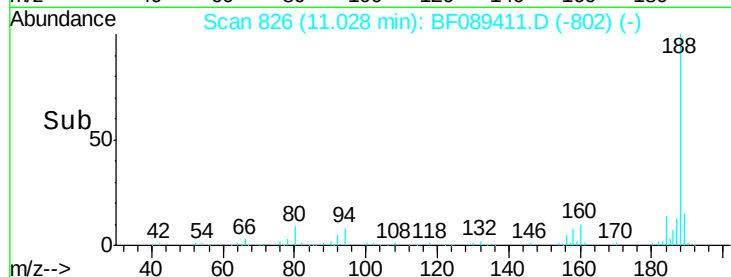
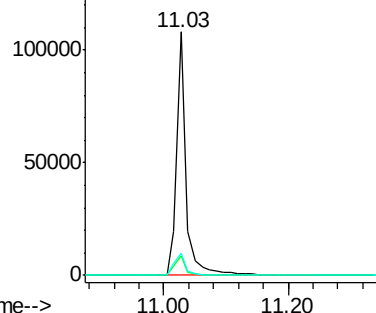
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089411.D
Acq: 29 Jul 2016 14:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 115822
Ion Ratio Lower Upper
188 100
94 8.1 6.5 9.7
80 9.0 7.2 10.8

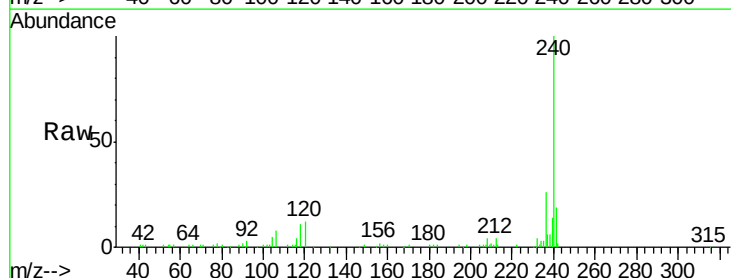


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

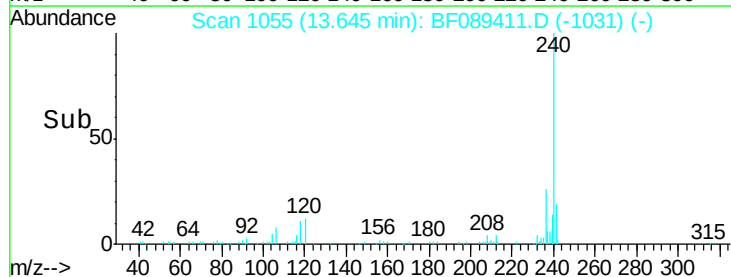
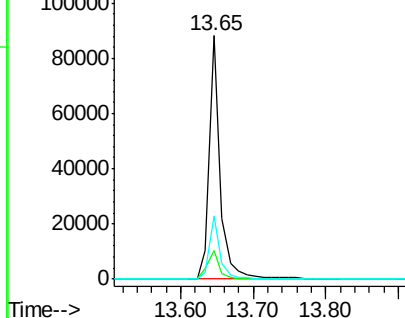


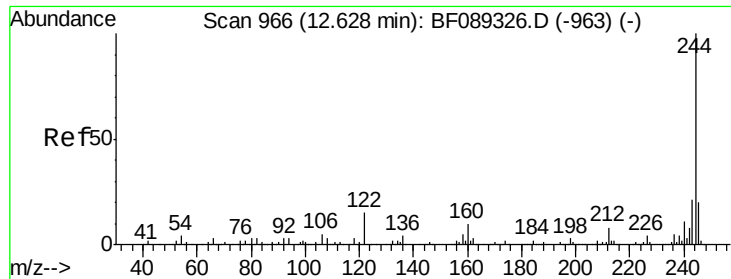
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089411.D
Acq: 29 Jul 2016 14:47

Tgt Ion:240 Resp: 93653
Ion Ratio Lower Upper
240 100
120 11.9 9.1 13.7
236 25.9 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

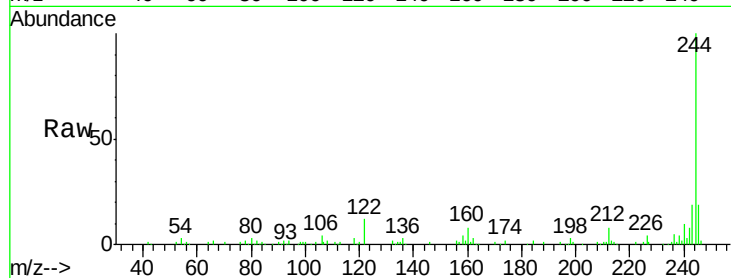




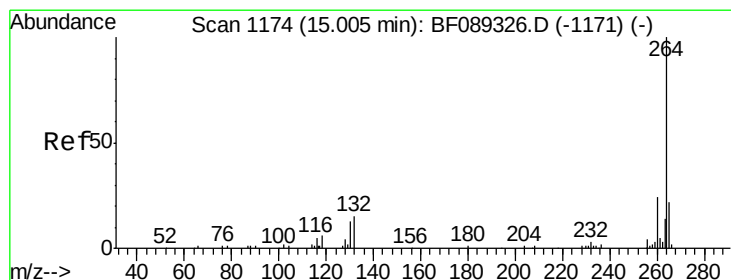
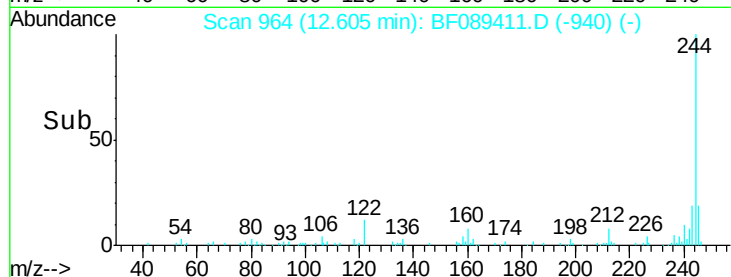
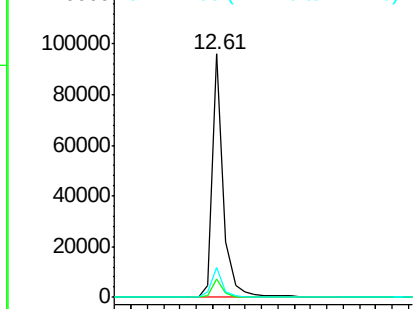
#78
 Terphenyl-d14
 Concen: 23.05 ng
 RT: 12.61 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089411.D
 Acq: 29 Jul 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 92224
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 12.0 11.4 17.0

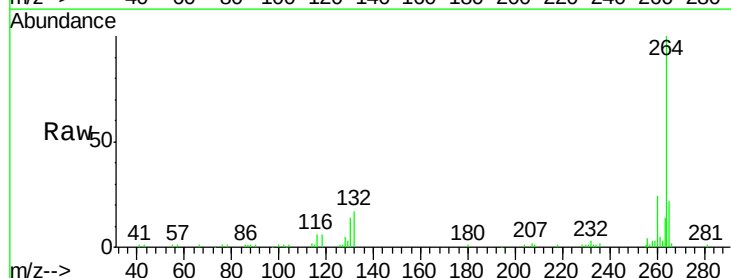


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089411.D
 Acq: 29 Jul 2016 14:47

Tgt Ion:264 Resp: 81823
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.6 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

