

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089470.D
 Acq On : 31 Jul 2016 14:50
 Operator : UM/SJ
 Sample : H4285-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:13:52 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

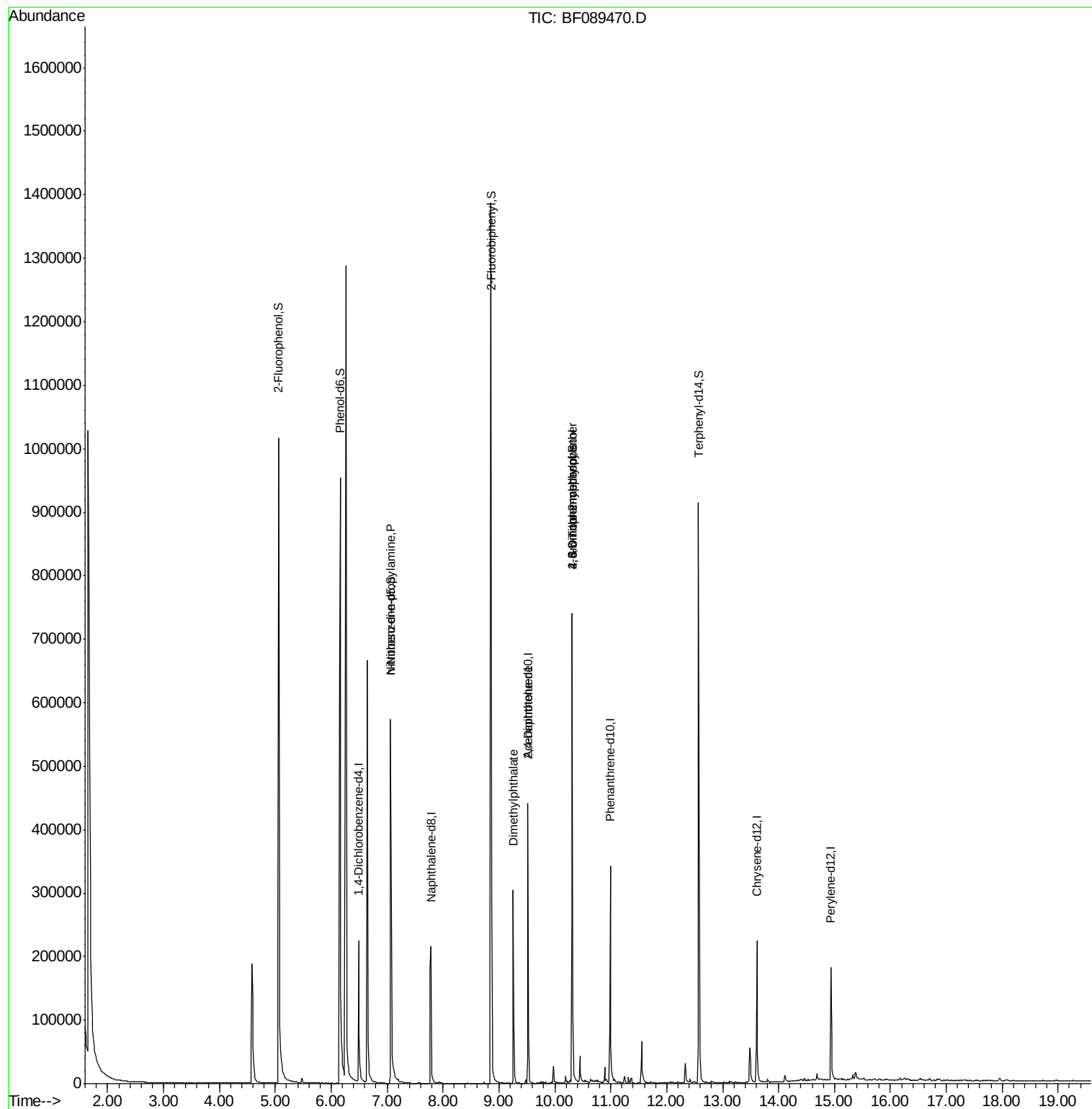
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	43726	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	169546	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	84680	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	150640	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	89658	20.00	ng	-0.06
86) Perylene-d12	14.94	264	76475	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	358921	131.07	ng	-0.05
7) Phenol-d6	6.16	99	512647	141.65	ng	-0.05
23) Nitrobenzene-d5	7.06	82	291710	101.56	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	81532	116.25	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	454513	78.77	ng	-0.06
78) Terphenyl-d14	12.57	244	322409	84.16	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	38098	17.46	ng	# 83
49) Dimethylphthalate	9.26	163	130050	20.18	ng	97
56) 2,4-Dinitrotoluene	9.52	165	10825	6.21	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.31	198	210	4.55	ng	# 1
66) 4-Bromophenyl-phenylether	10.31	248	6383	4.44	ng	# 1

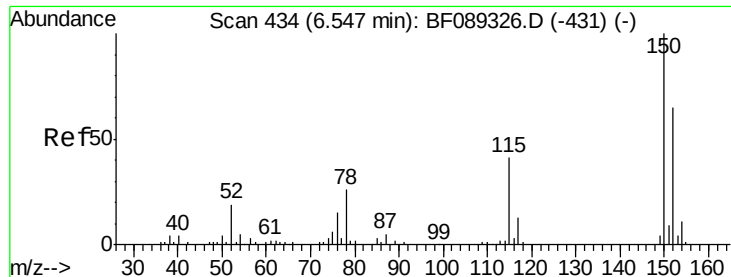
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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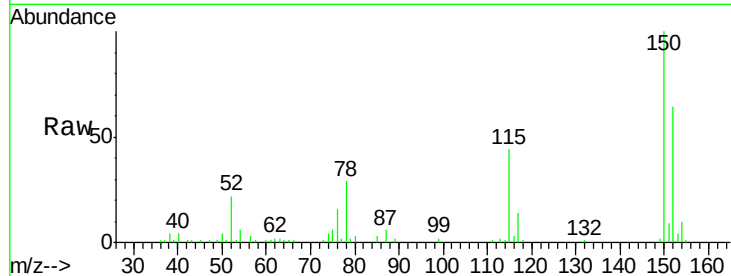


#1

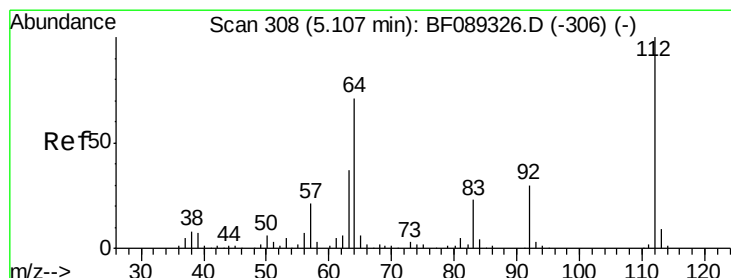
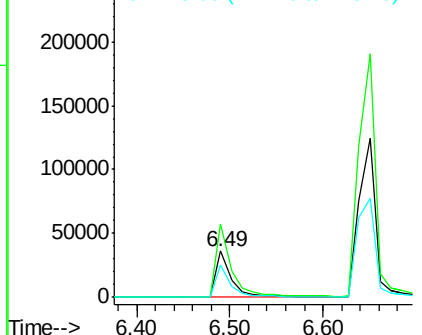
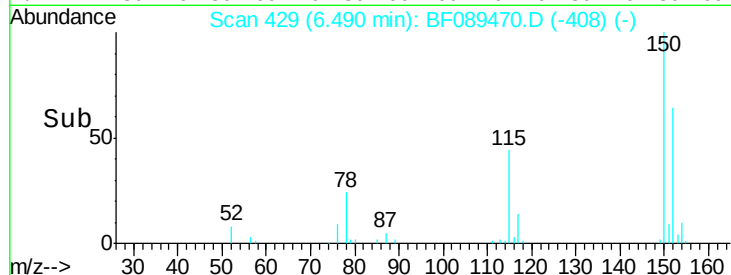
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089470.D
Acq: 31 Jul 2016 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43726
Ion Ratio Lower Upper
152 100
150 157.5 129.5 194.3
115 69.3 51.4 77.2



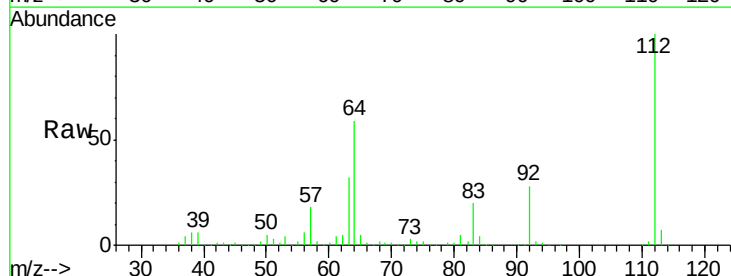
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



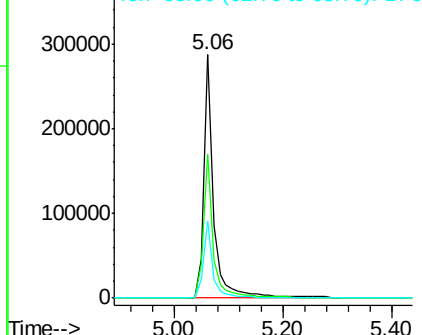
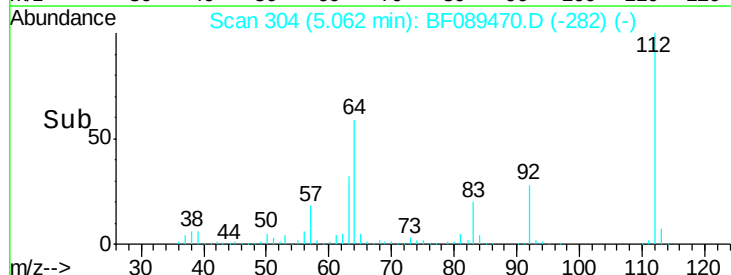
#5

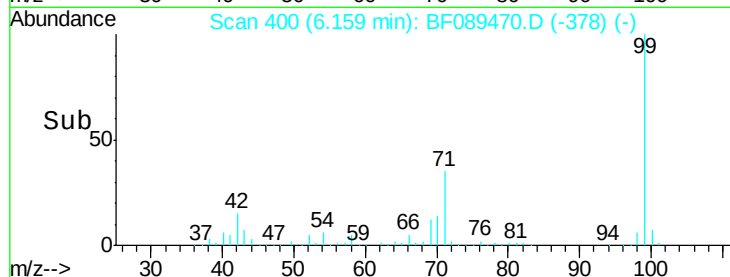
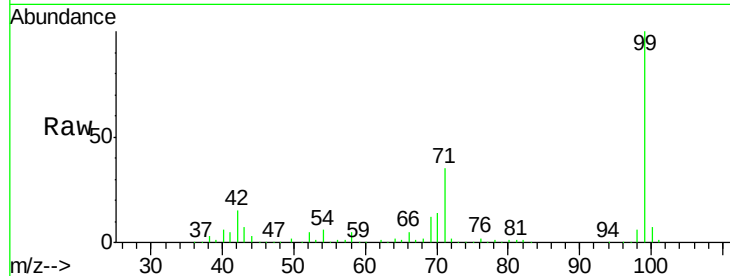
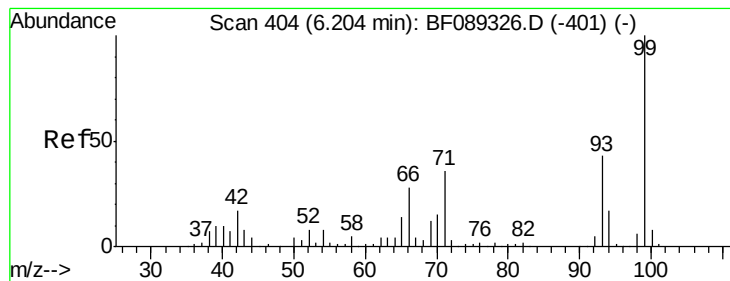
2-Fluorophenol
Concen: 131.07 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.05 min
Lab File: BF089470.D
Acq: 31 Jul 2016 14:50

Tgt Ion:112 Resp: 358921
Ion Ratio Lower Upper
112 100
64 58.9 55.0 82.6
63 31.7 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: 141.65 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089470.D

Acq: 31 Jul 2016 14:50

Instrument :

BNA_F

ClientSampled :

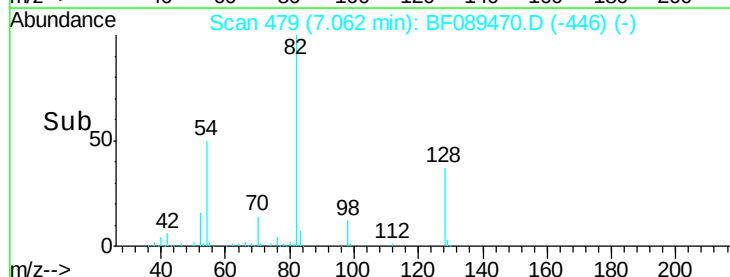
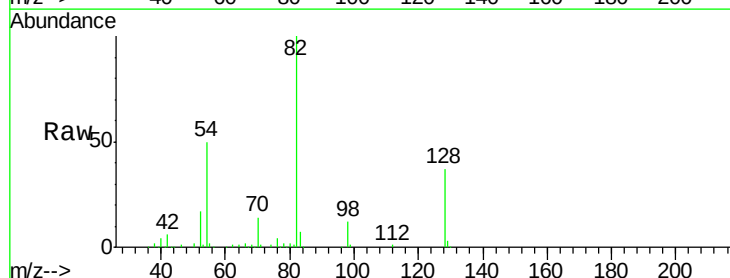
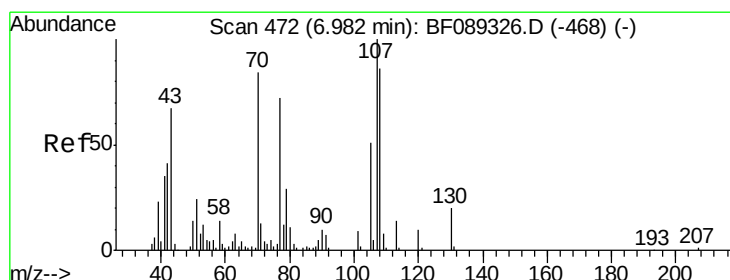
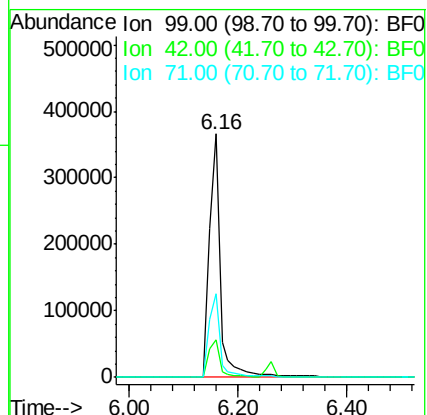
Tot Ion: 99 Resp: 512647

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

71 34.5 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.46 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.08 min

Lab File: BF089470.D

Acq: 31 Jul 2016 14:50

Tgt Ion: 70 Resp: 38098

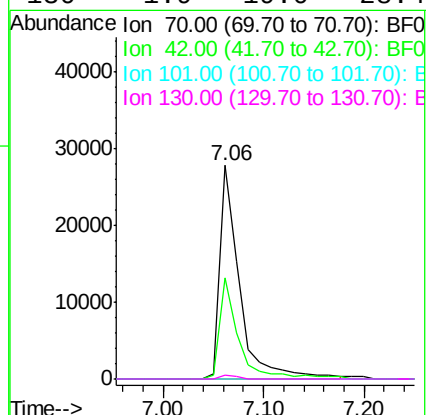
Ion Ratio Lower Upper

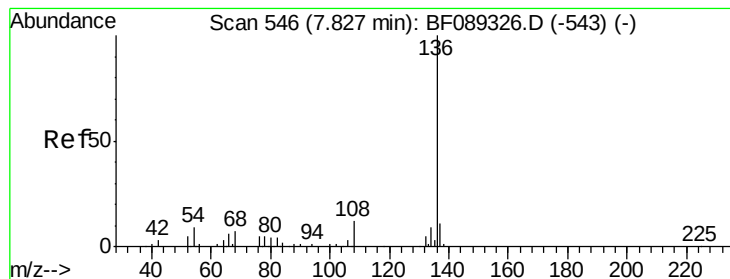
70 100

42 47.5 38.6 57.8

101 0.0 8.3 12.5#

130 1.9 19.0 28.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089470.D

Acq: 31 Jul 2016 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 169546

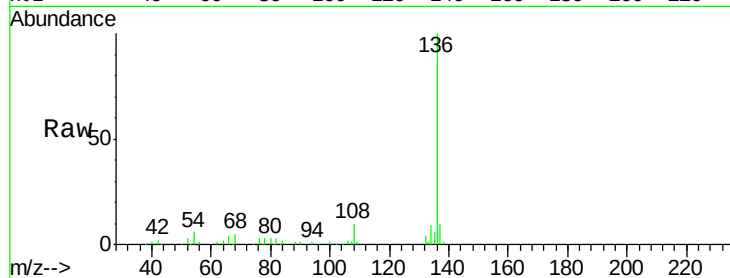
Ion Ratio Lower Upper

136 100

137 10.1 8.6 13.0

54 5.5 7.0 10.4#

68 4.5 4.9 7.3#

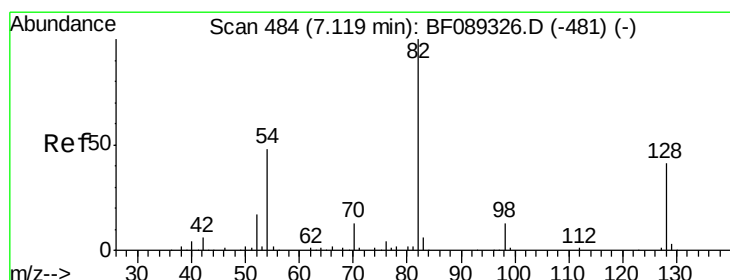
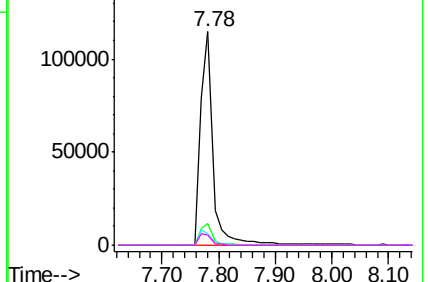
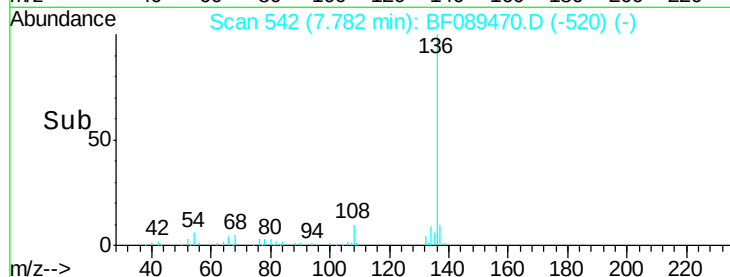


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.56 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF089470.D

Acq: 31 Jul 2016 14:50

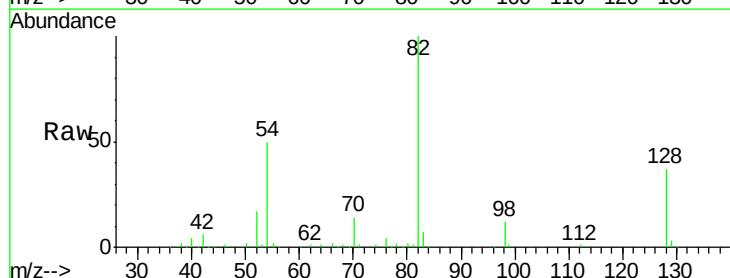
Tgt Ion: 82 Resp: 291710

Ion Ratio Lower Upper

82 100

128 37.0 32.5 48.7

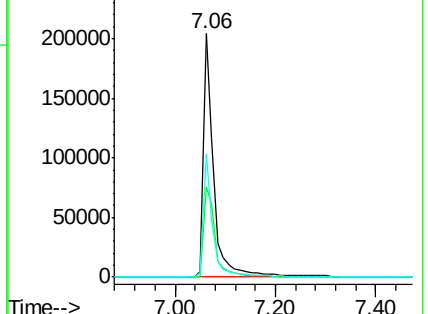
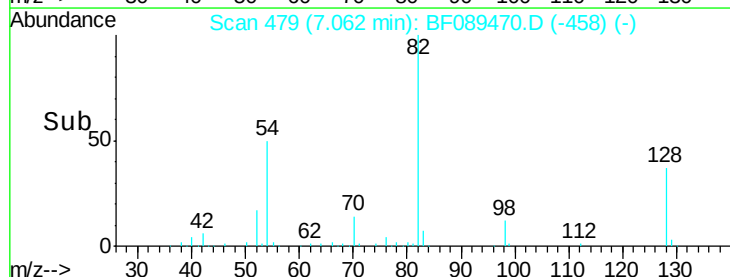
54 50.4 38.8 58.2

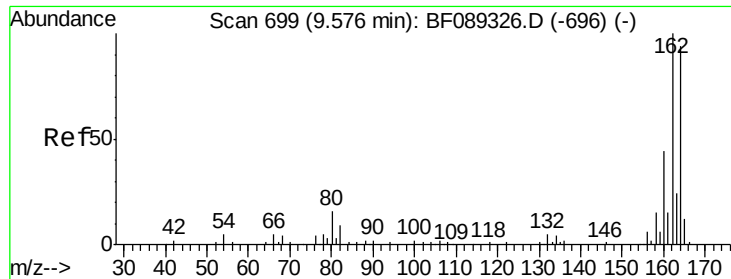


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

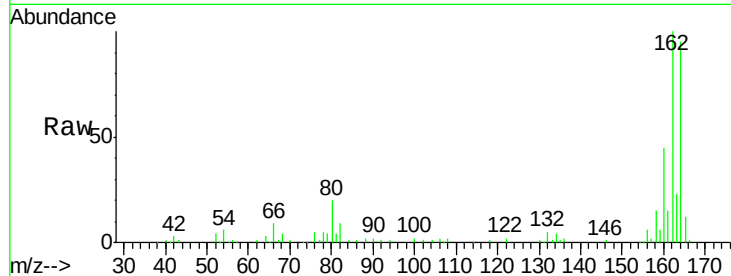




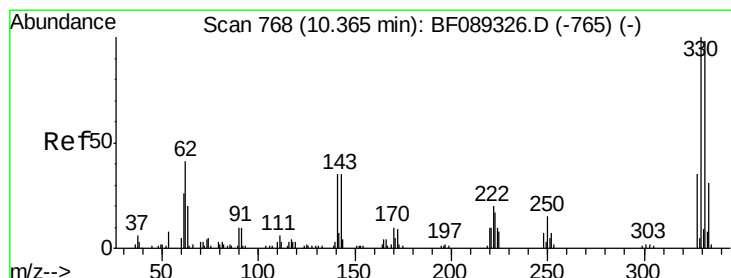
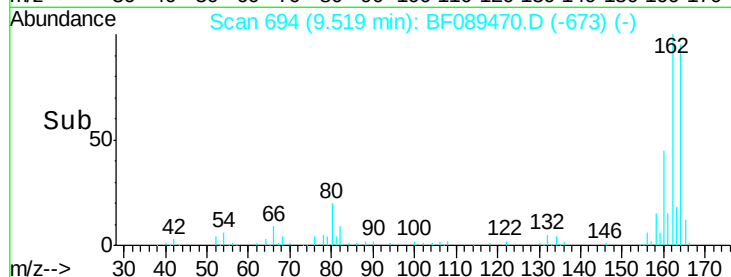
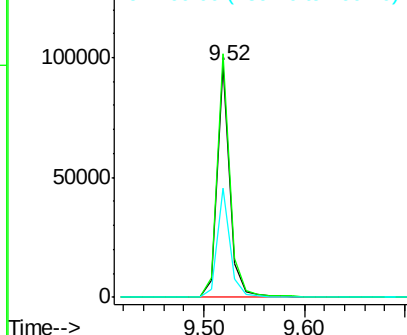
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089470.D
 Acq: 31 Jul 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 84680
 Ion Ratio Lower Upper
 164 100
 162 105.1 83.7 125.5
 160 47.3 37.8 56.6

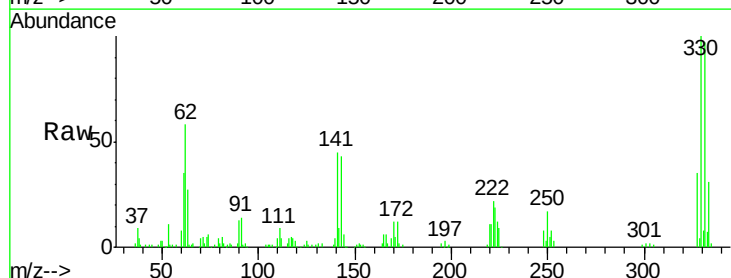


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

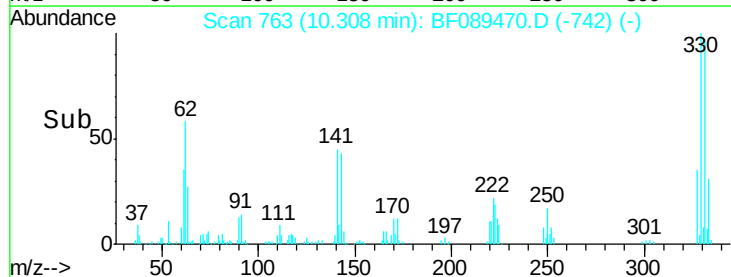
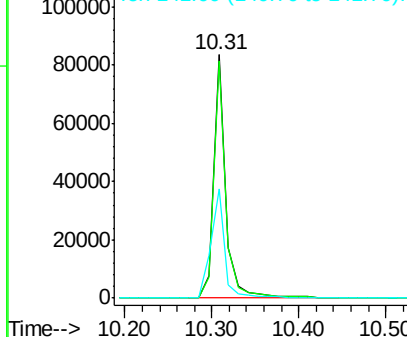


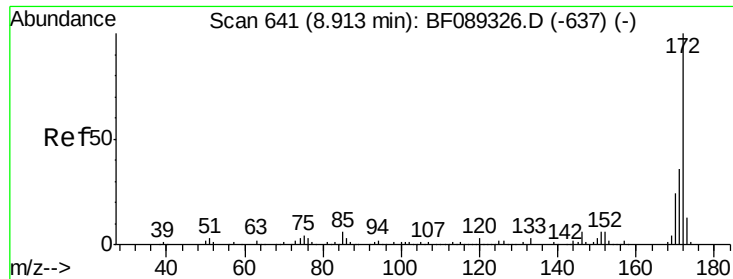
#41
 2,4,6-Tribromophenol
 Concen: 116.25 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089470.D
 Acq: 31 Jul 2016 14:50

Tgt Ion:330 Resp: 81532
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.8 115.2
 141 51.4 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

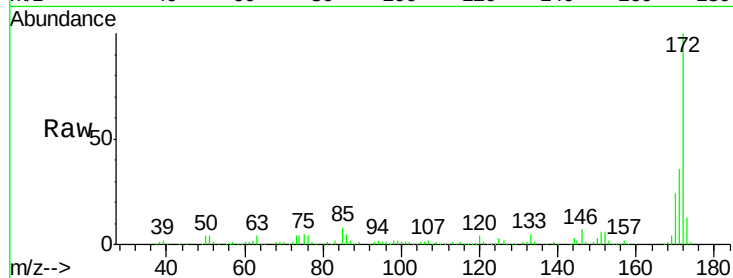




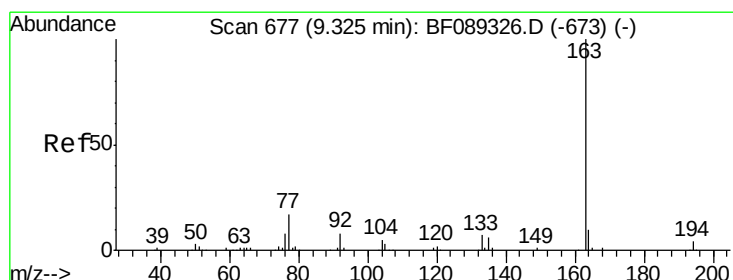
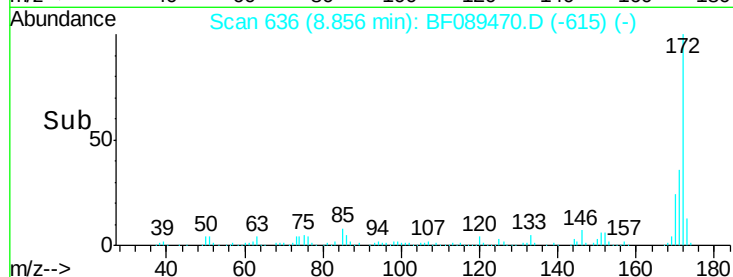
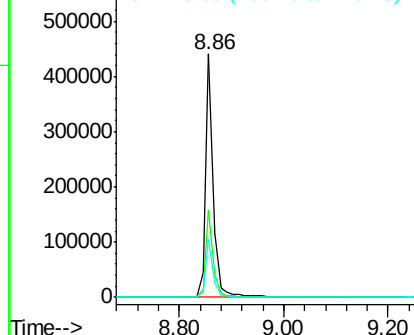
#44
2-Fluorobiphenyl
Concen: 78.77 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089470.D
Acq: 31 Jul 2016 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 454513
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 23.7 19.2 28.8

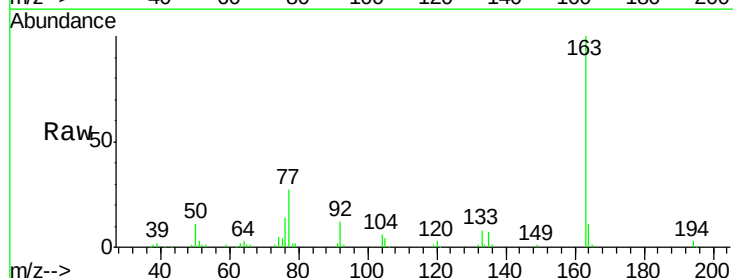


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

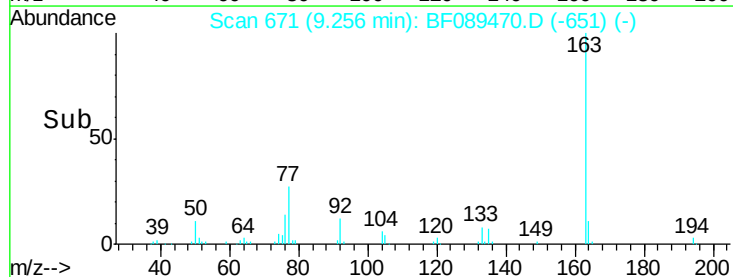
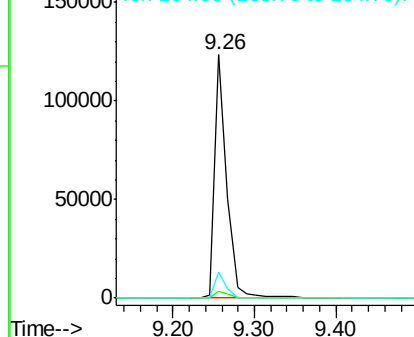


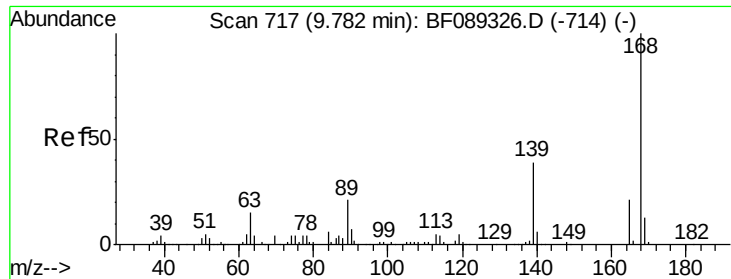
#49
Dimethylphthalate
Concen: 20.18 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089470.D
Acq: 31 Jul 2016 14:50

Tgt Ion:163 Resp: 130050
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.8 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

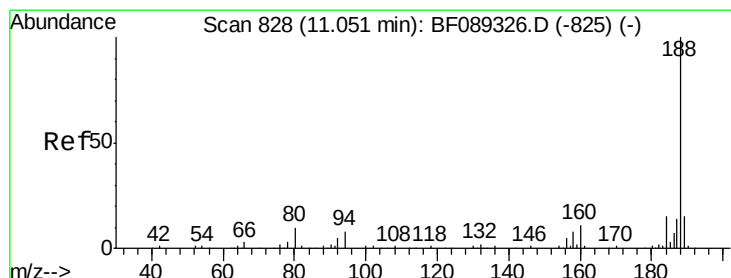
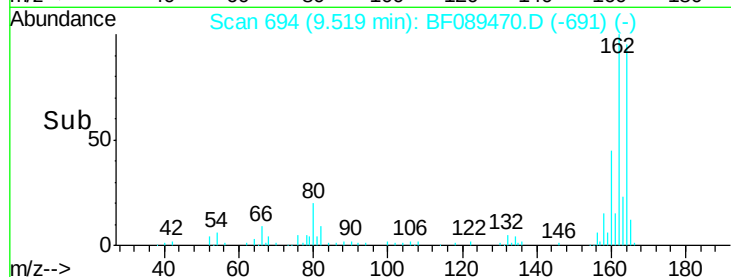
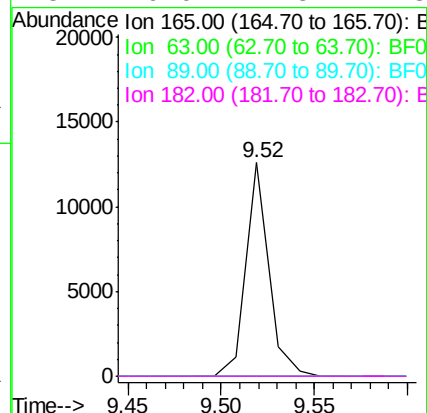
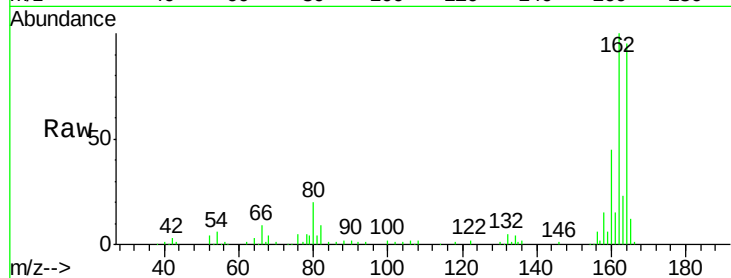




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.26 min
 Lab File: BF089470.D
 Acq: 31 Jul 2016 14:50

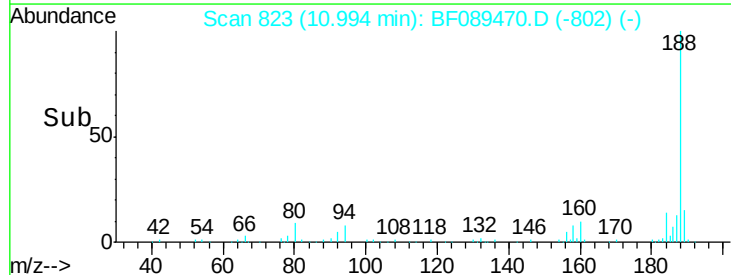
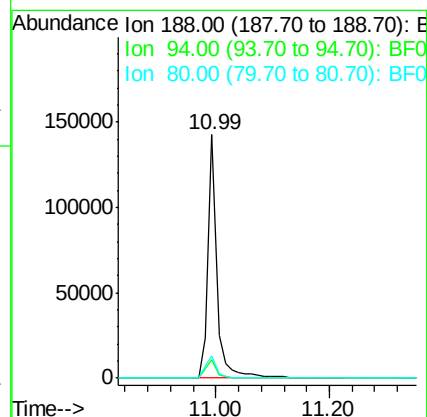
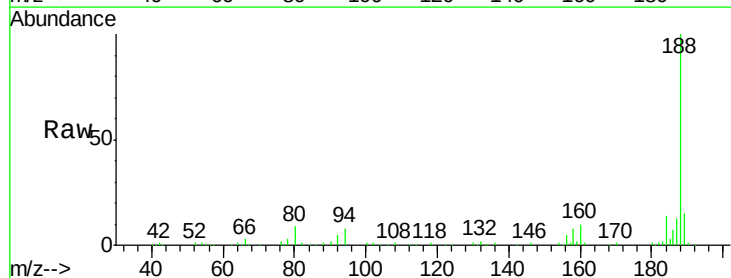
Instrument :
 BNA_F
 ClientSampleId :

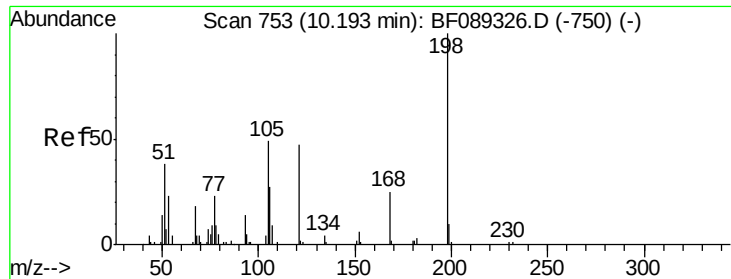
Tot Ion:165 Resp: 10825
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089470.D
 Acq: 31 Jul 2016 14:50

Tgt Ion:188 Resp: 150640
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.5 9.7
 80 9.1 7.2 10.8





#64

4,6-Dinitro-2-methylphenol

Concen: 4.55 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.11 min

Lab File: BF089470.D

Acq: 31 Jul 2016 14:50

Instrument :

BNA_F

ClientSampleId :

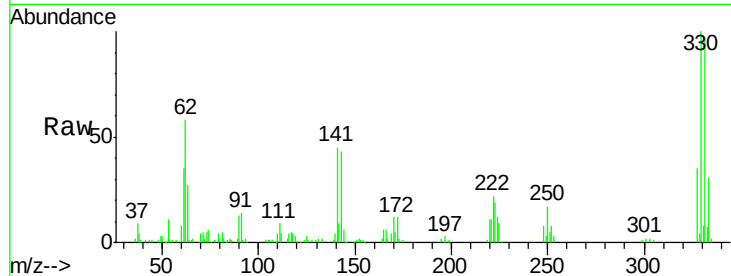
Tot Ion:198 Resp: 210

Ion Ratio Lower Upper

198 100

51 119.3 23.0 63.0#

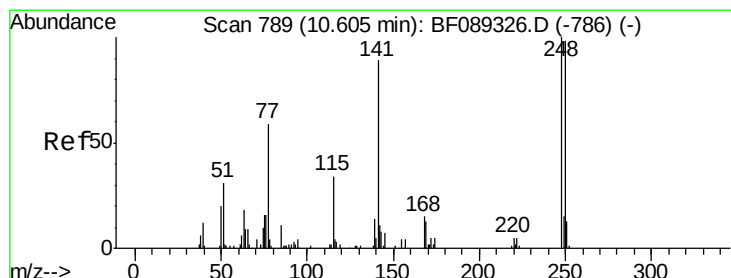
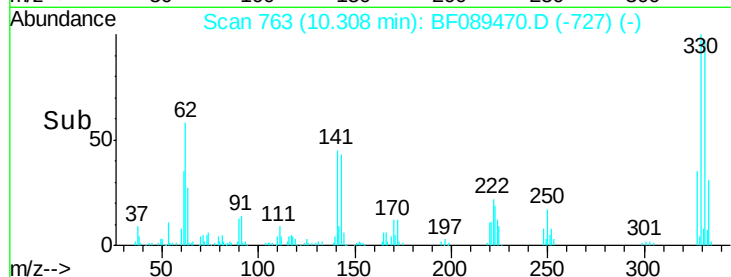
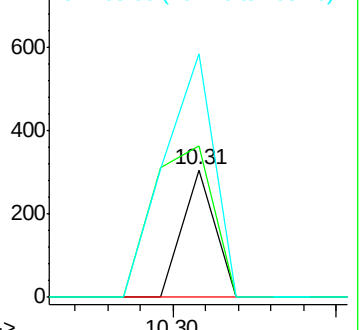
105 191.2 28.3 68.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.44 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.30 min

Lab File: BF089470.D

Acq: 31 Jul 2016 14:50

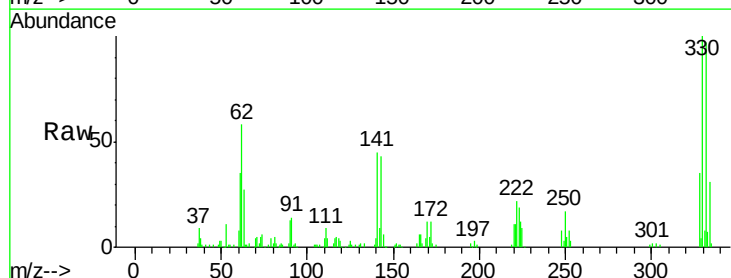
Tgt Ion:248 Resp: 6383

Ion Ratio Lower Upper

248 100

250 198.8 78.2 117.2#

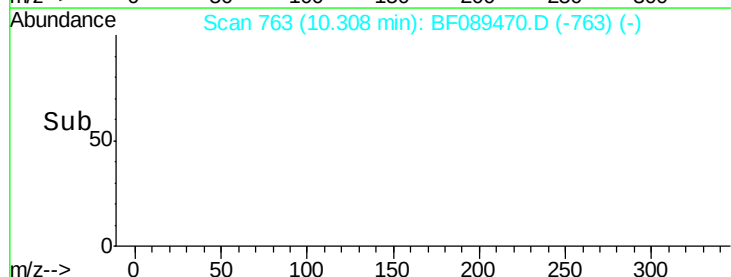
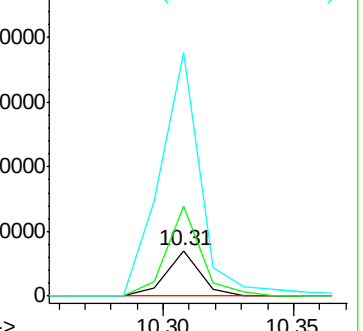
141 537.6 62.0 93.0#

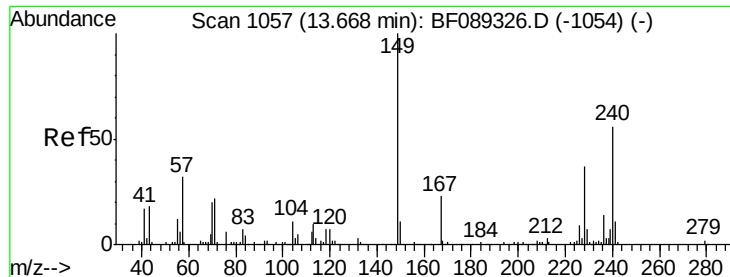


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.61 min Scan# 1052

Delta R.T. -0.06 min

Lab File: BF089470.D

Acq: 31 Jul 2016 14:50

Instrument :

BNA_F

ClientSampled :

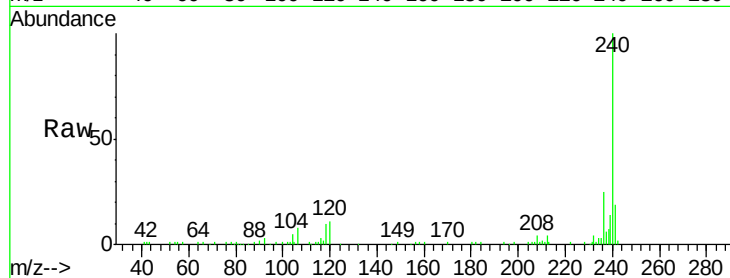
Tot Ion:240 Resp: 89658

Ion Ratio Lower Upper

240 100

120 10.5 9.1 13.7

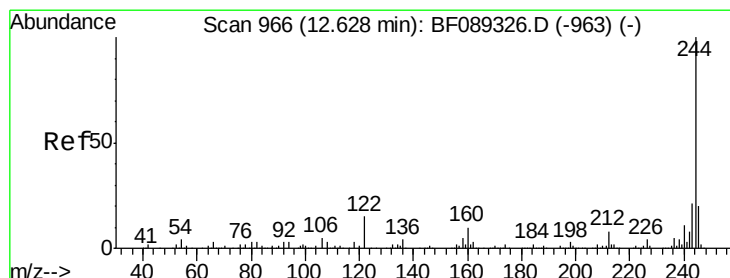
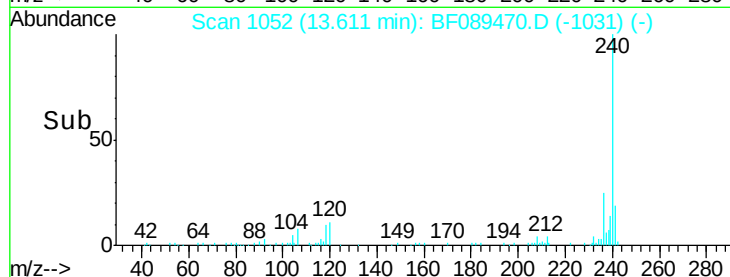
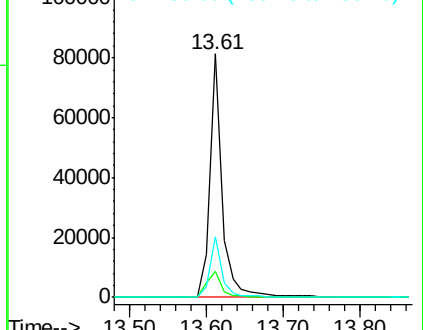
236 24.9 20.6 30.8



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: 84.16 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF089470.D

Acq: 31 Jul 2016 14:50

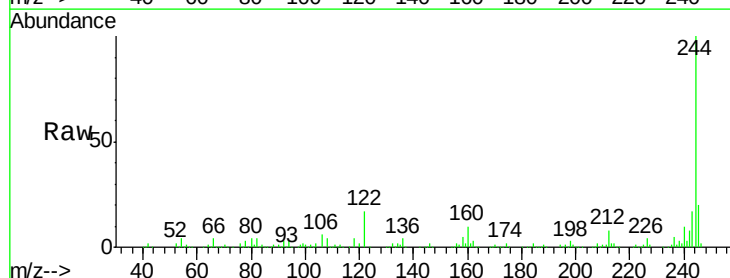
Tgt Ion:244 Resp: 322409

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

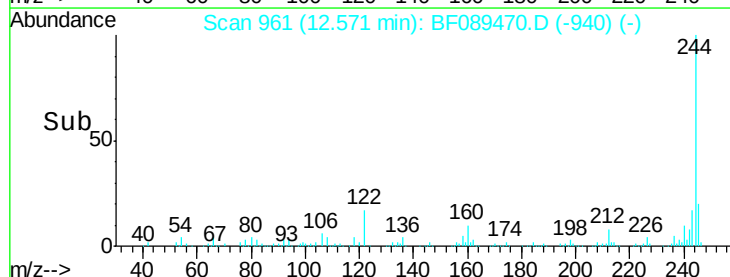
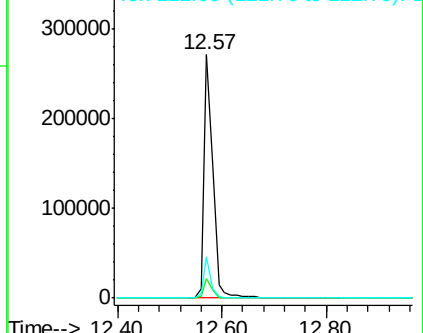
122 16.9 11.4 17.0

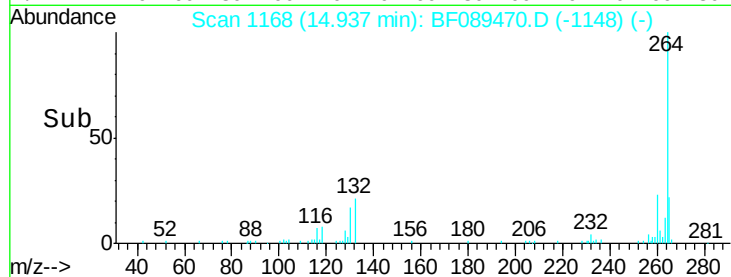
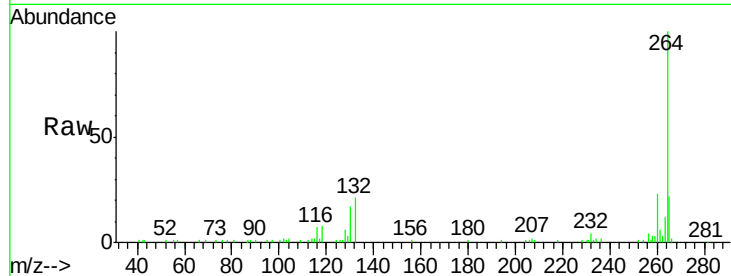
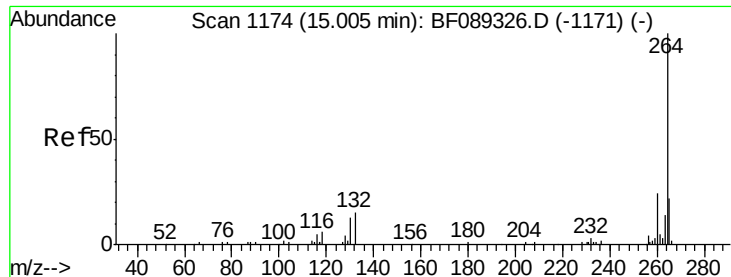


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089470.D
Acq: 31 Jul 2016 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	76475
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	22.1	17.5	26.3

