

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089372.D
 Acq On : 28 Jul 2016 19:48
 Operator : UM/SJ
 Sample : H4239-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

Quant Time: Jul 29 01:16:35 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

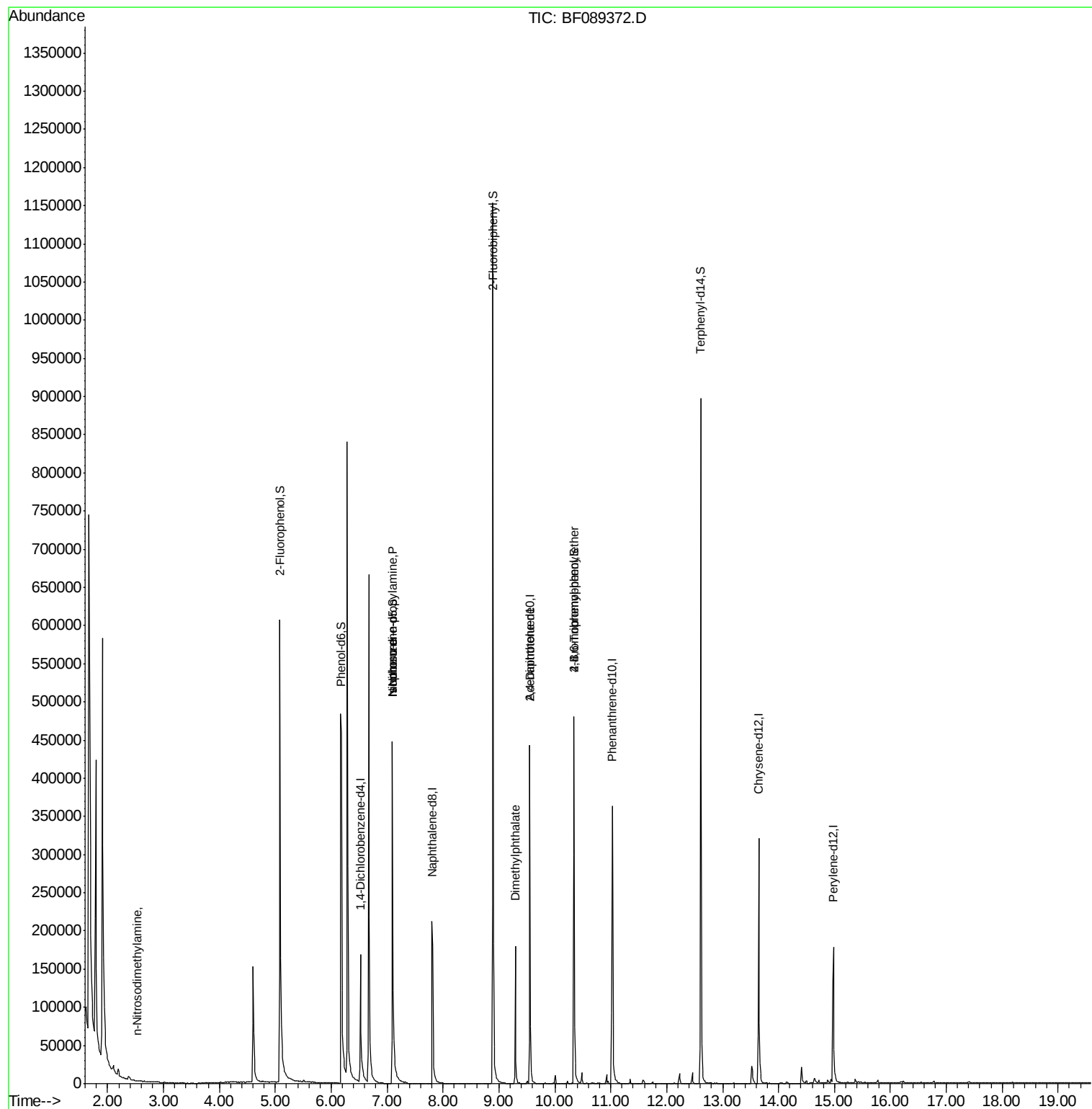
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	41510	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	178791	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	89986	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	172014	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	126511	20.00	ng	-0.02
86) Perylene-d12	14.98	264	99424	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	244259	93.96	ng	-0.02
7) Phenol-d6	6.18	99	336546	97.96	ng	-0.02
23) Nitrobenzene-d5	7.10	82	208186	68.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	71664	96.16	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	407812	66.51	ng	-0.02
78) Terphenyl-d14	12.61	244	333381	61.68	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	2.54	42	213	7.90	ng	# 1
19) n-Nitroso-di-n-propylamine	7.10	70	26946	13.01	ng	# 78
25) Isophorone	7.10	82	198386	32.51	ng	# 67
49) Dimethylphthalate	9.29	163	79168	11.56	ng	99
56) 2,4-Dinitrotoluene	9.55	165	10868	5.87	ng	# 7
66) 4-Bromophenyl-phenylether	10.34	248	5071	3.09	ng	# 1

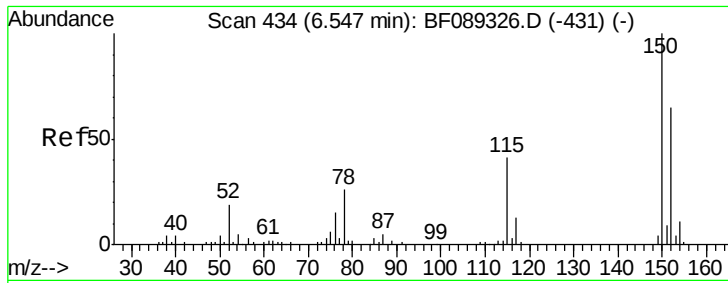
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089372.D

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Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

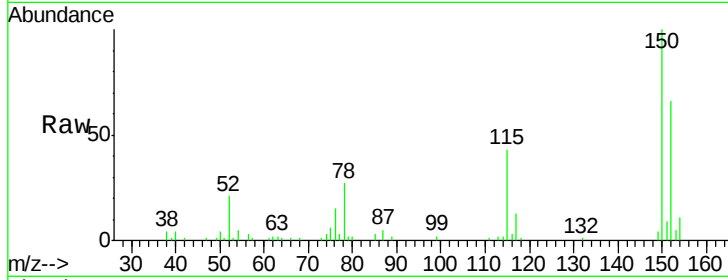
Tgt Ion:152 Resp: 41510

Ion Ratio Lower Upper

152 100

150 151.9 129.5 194.3

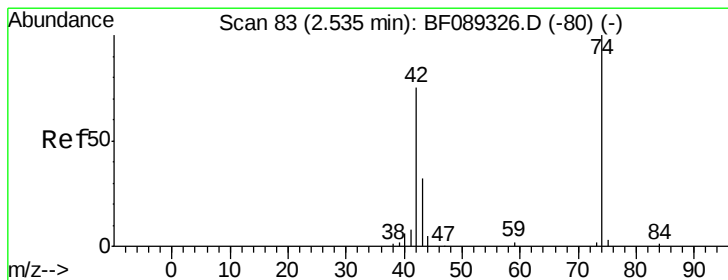
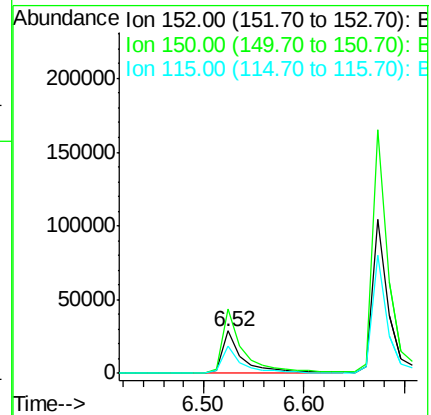
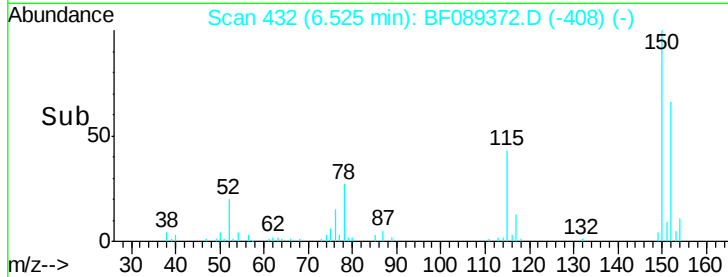
115 64.7 51.4 77.2



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



#4

n-Nitrosodimethylamine

Concen: 7.90 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.00 min

Lab File: BF089372.D

Acq: 28 Jul 2016 19:48

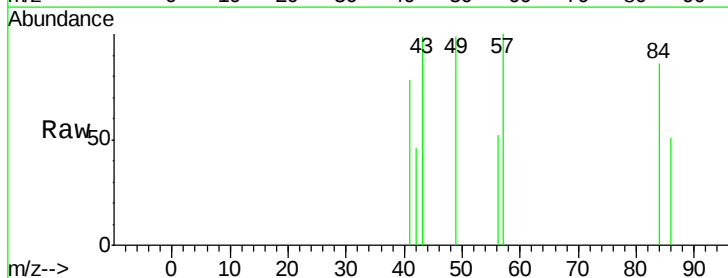
Tgt Ion: 42 Resp: 213

Ion Ratio Lower Upper

42 100

74 0.0 110.8 166.2#

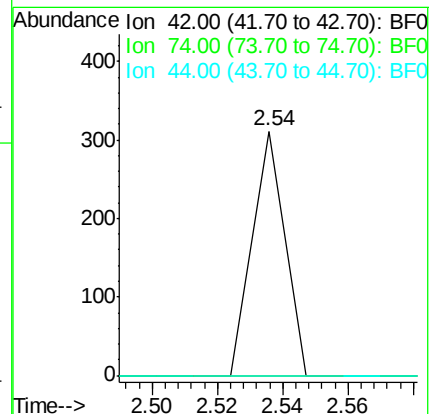
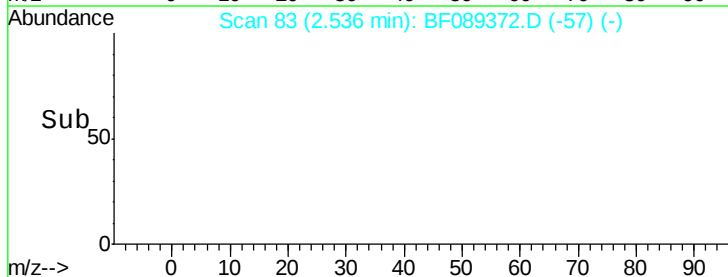
44 0.0 5.2 7.8#

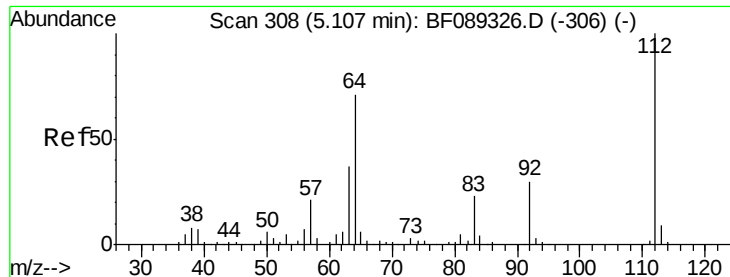


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 93.96 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089372.D

Acq: 28 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

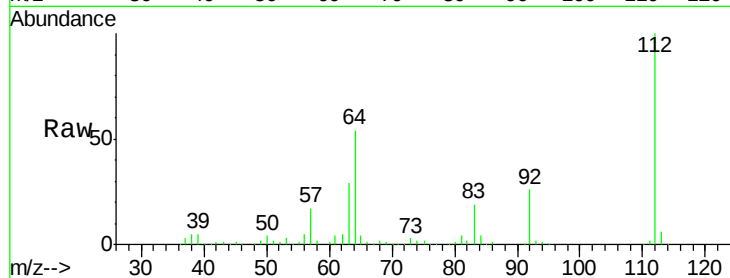
Tgt Ion: 112 Resp: 244259

Ion Ratio Lower Upper

112 100

64 54.4 55.0 82.6#

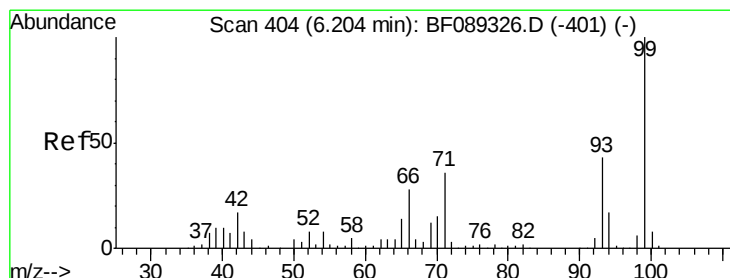
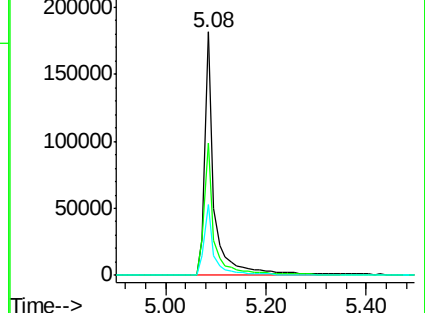
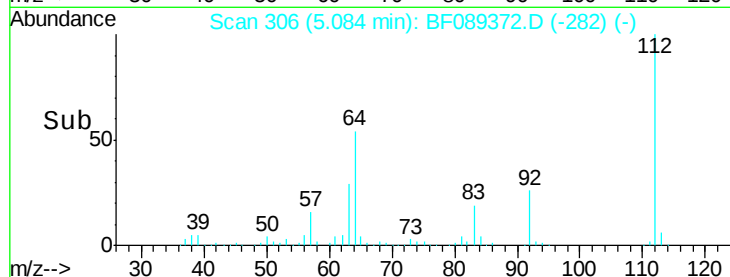
63 28.9 29.4 44.2#



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: 97.96 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089372.D

Acq: 28 Jul 2016 19:48

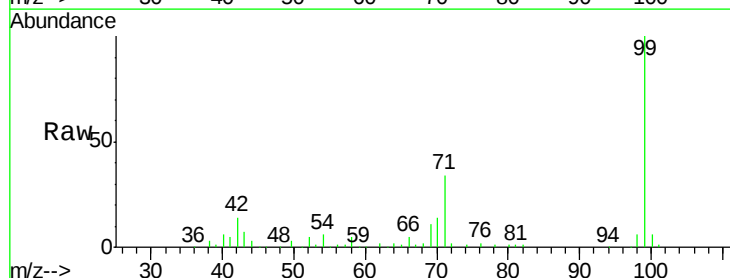
Tgt Ion: 99 Resp: 336546

Ion Ratio Lower Upper

99 100

42 14.4 13.6 20.4

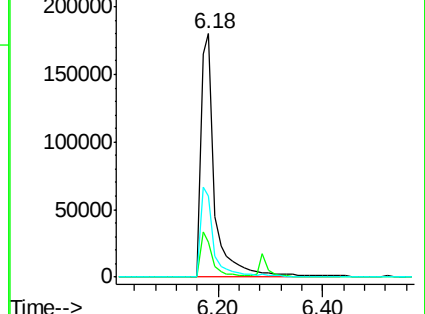
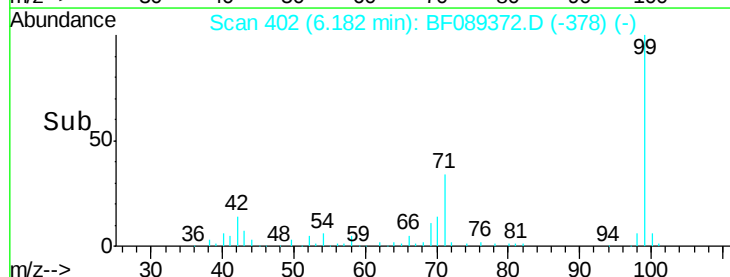
71 33.5 29.4 44.2

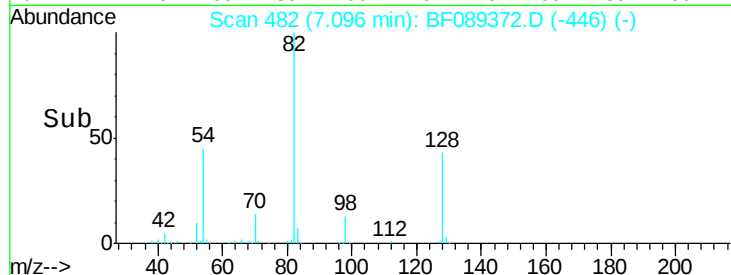
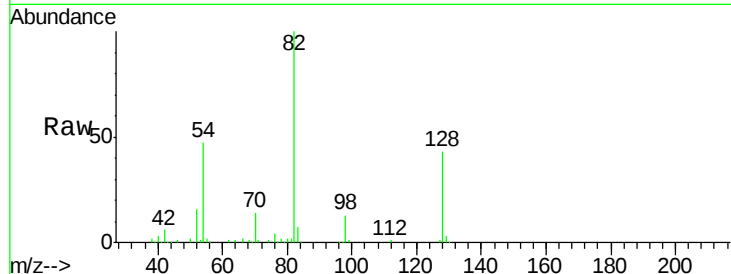
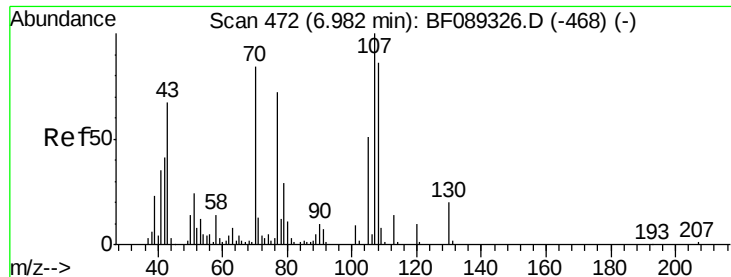


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

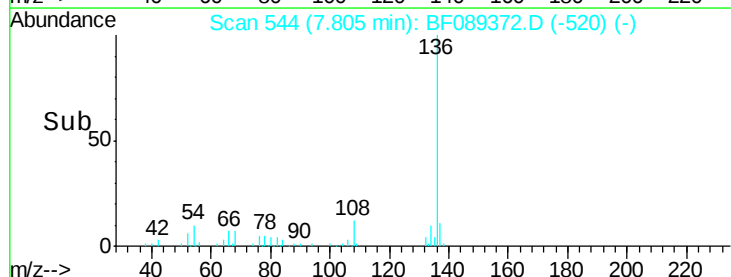
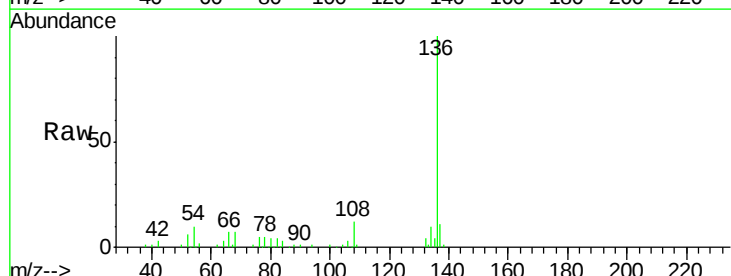
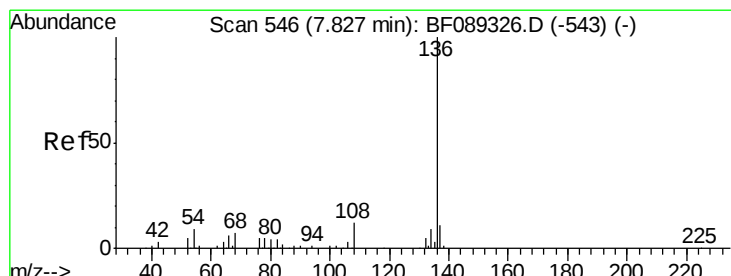
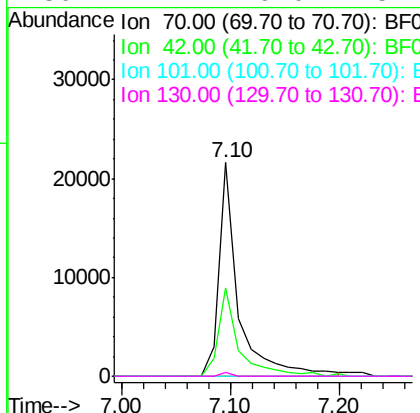




#19
n-Nitroso-di-n-propylamine
Concen: 13.01 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.11 min
Lab File: BF089372.D
Acq: 28 Jul 2016 19:48

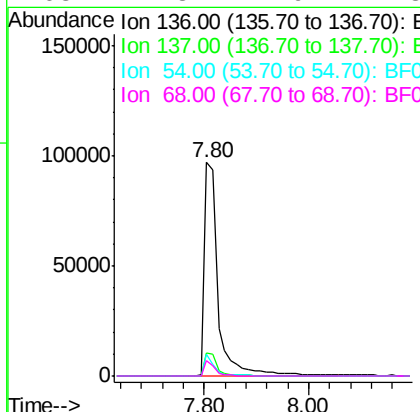
Instrument :
BNA_F
ClientSampleId :
WCMH1-COMP(1-5)

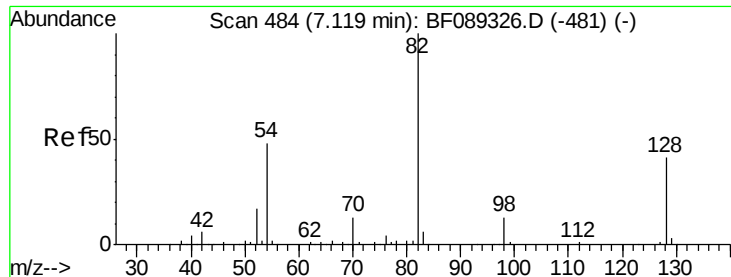
Tgt Ion: 70 Resp: 26946
Ion Ratio Lower Upper
70 100
42 41.6 38.6 57.8
101 0.0 8.3 12.5#
130 2.1 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089372.D
Acq: 28 Jul 2016 19:48

Tgt Ion:136 Resp: 178791
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.1 7.0 10.4
68 7.3 4.9 7.3

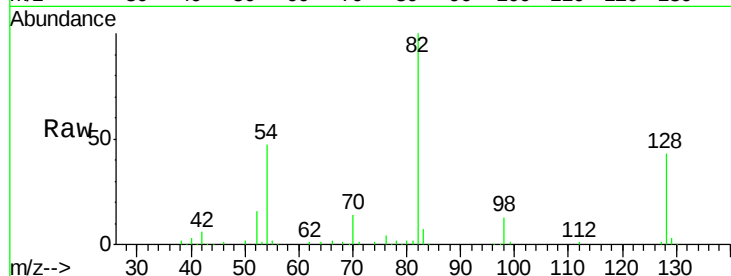




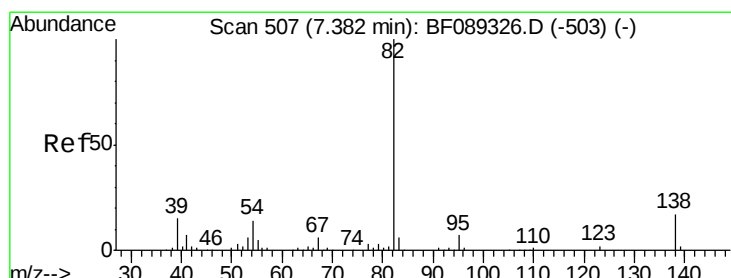
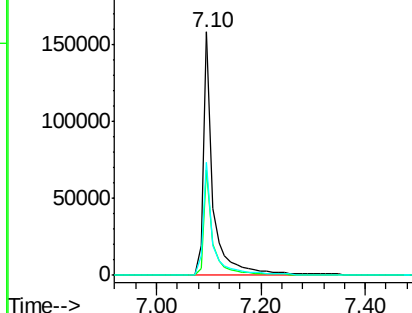
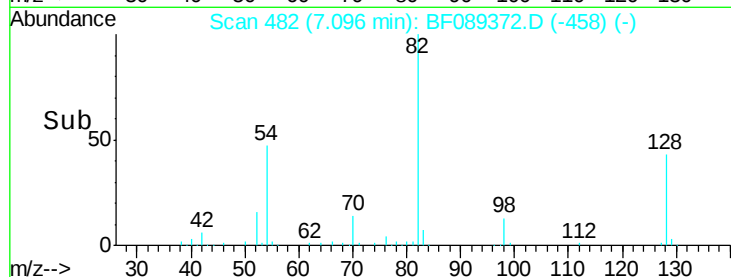
#23
 Nitrobenzene-d5
 Concen: 68.73 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089372.D
 Acq: 28 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.5	48.7
54	46.6	38.8	58.2

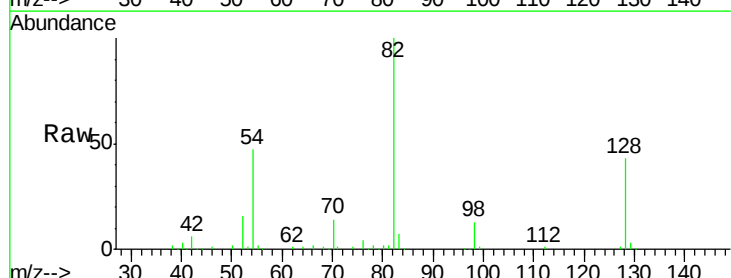


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

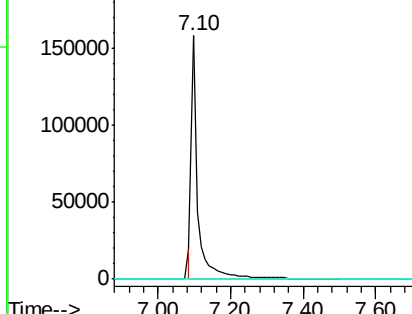
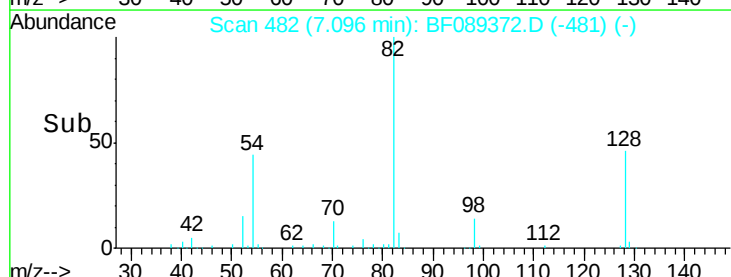


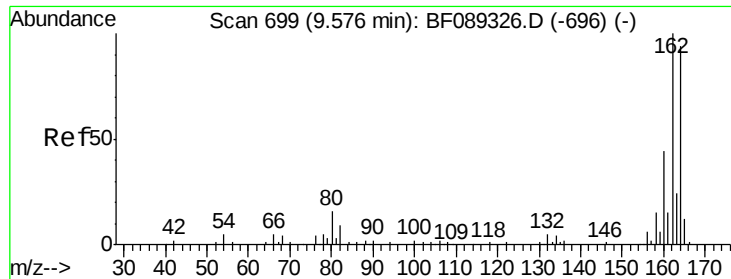
#25
 Isophorone
 Concen: 32.51 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.29 min
 Lab File: BF089372.D
 Acq: 28 Jul 2016 19:48

Tgt 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: BF089372.D

Acq: 28 Jul 2016 19:48

Instrument :

BNA_F

ClientSampleId :

WCMH1-COMP(1-5)

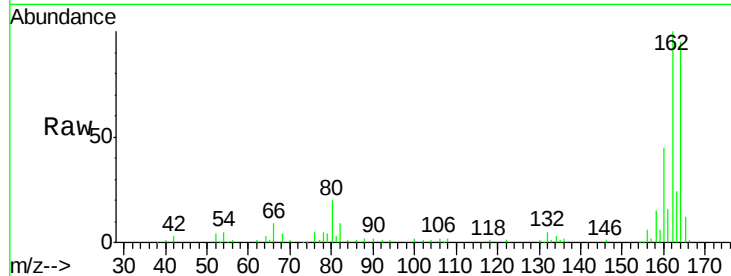
Tgt Ion:164 Resp: 89986

Ion Ratio Lower Upper

164 100

162 105.4 83.7 125.5

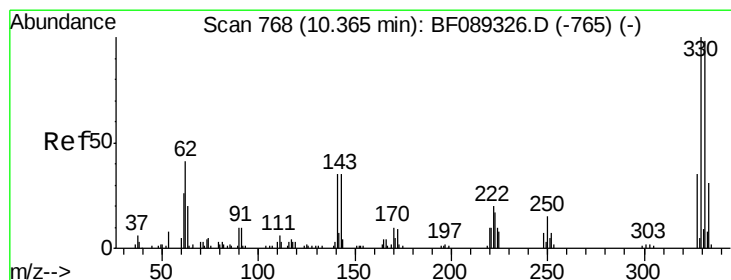
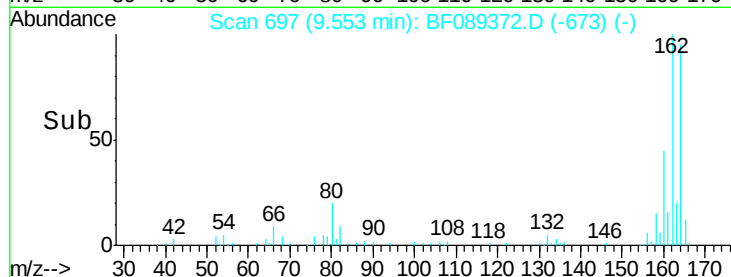
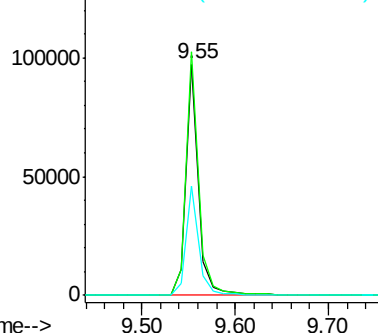
160 47.3 37.8 56.6



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: 96.16 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF089372.D

Acq: 28 Jul 2016 19:48

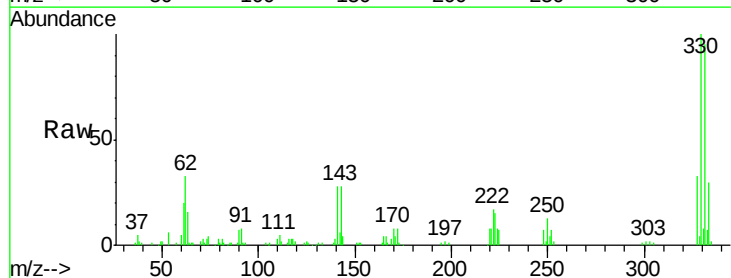
Tgt Ion:330 Resp: 71664

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

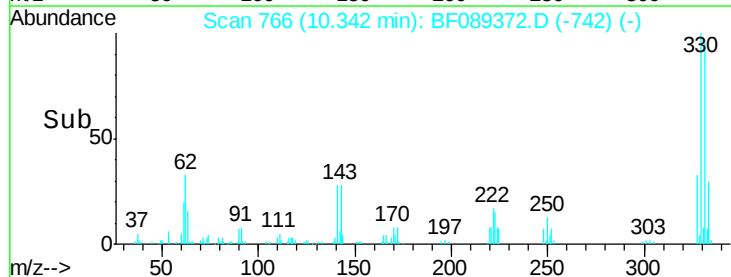
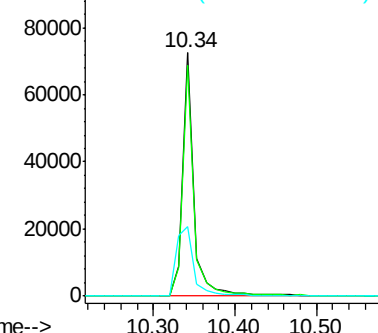
141 44.5 37.3 55.9



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

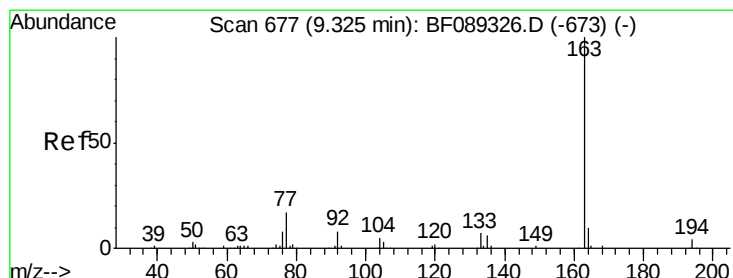
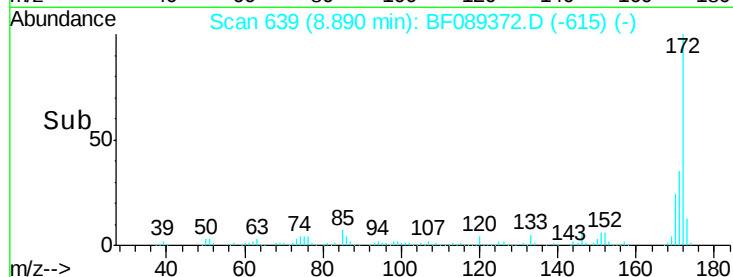
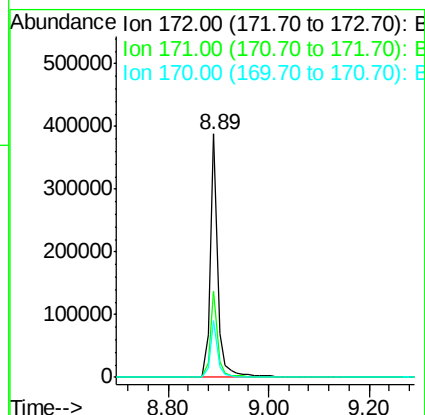
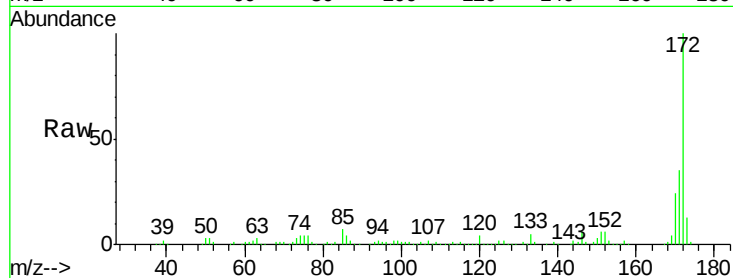




#44
 2-Fluorobiphenyl
 Concen: 66.51 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089372.D
 Acq: 28 Jul 2016 19:48

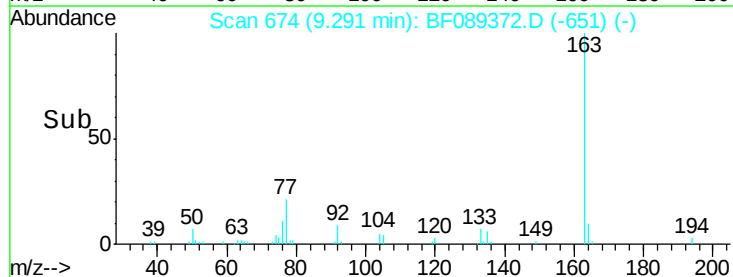
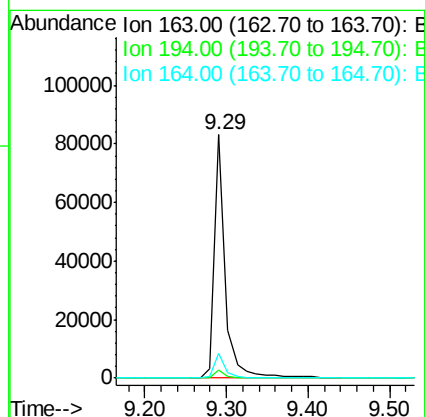
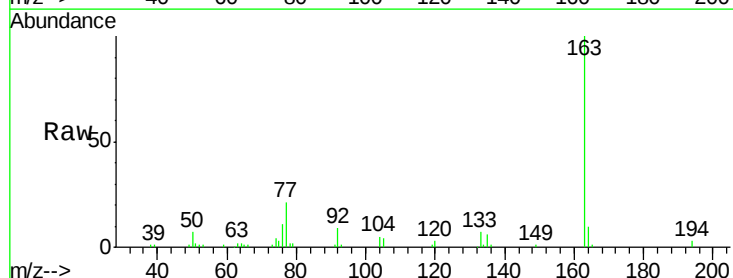
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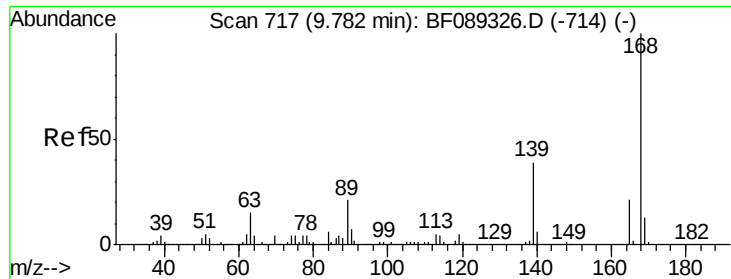
Tgt Ion:172 Resp: 407812
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.2 43.8
 170 23.5 19.2 28.8



#49
 Dimethylphthalate
 Concen: 11.56 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF089372.D
 Acq: 28 Jul 2016 19:48

Tgt Ion:163 Resp: 79168
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.8 4.2
 164 10.2 7.8 11.8

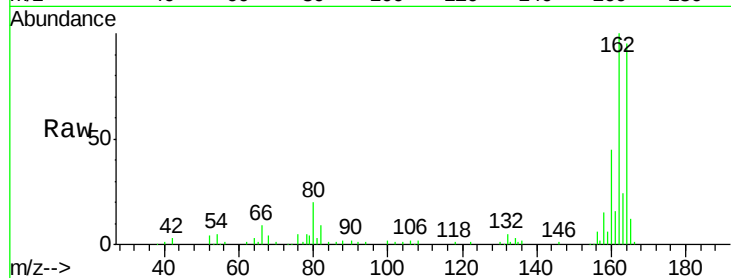




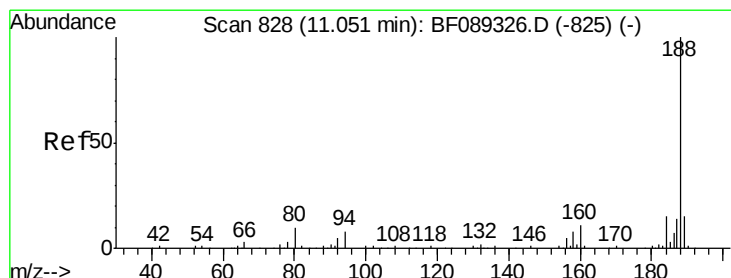
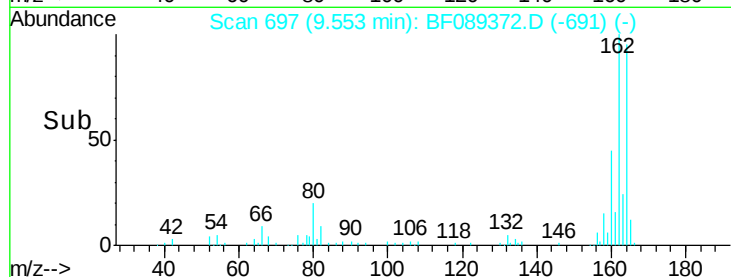
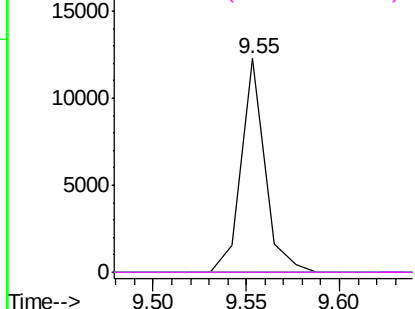
#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.23 min
Lab File: BF089372.D
Acq: 28 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
WCMH1-COMP(1-5)

Tgt Ion:165 Resp: 10868
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#

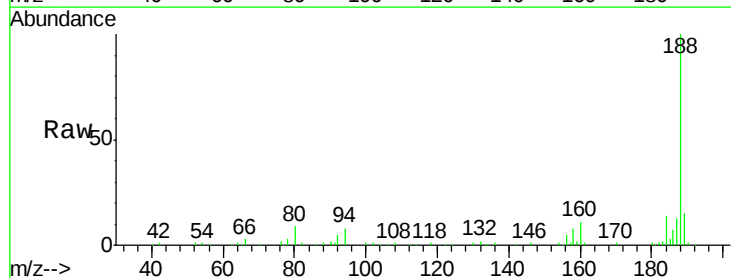


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

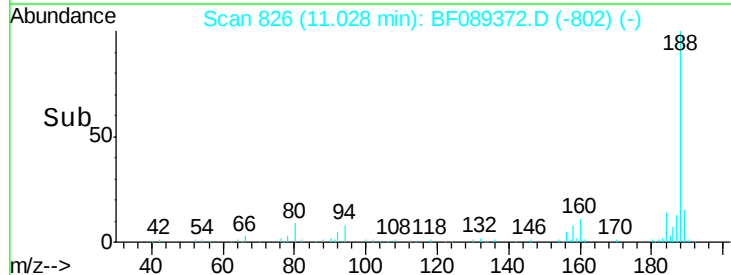
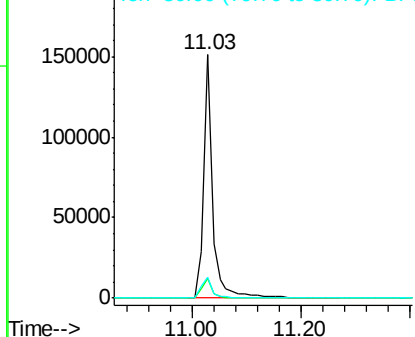


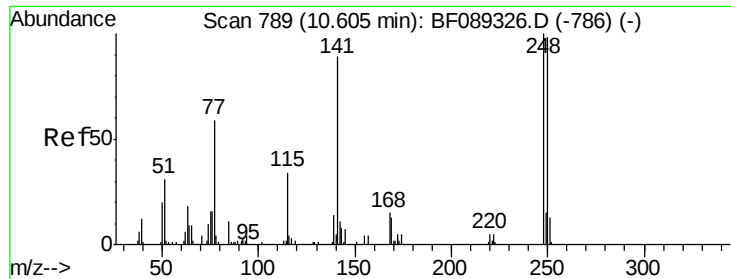
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089372.D
Acq: 28 Jul 2016 19:48

Tgt Ion:188 Resp: 172014
Ion Ratio Lower Upper
188 100
94 8.1 6.5 9.7
80 8.7 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

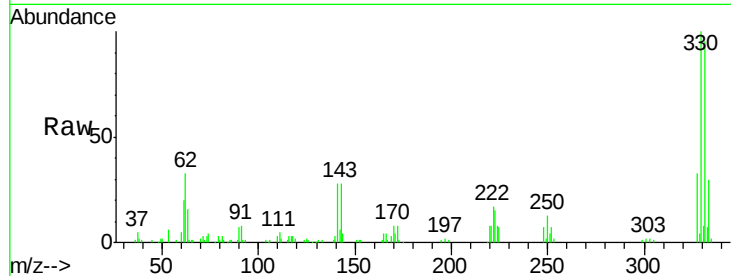




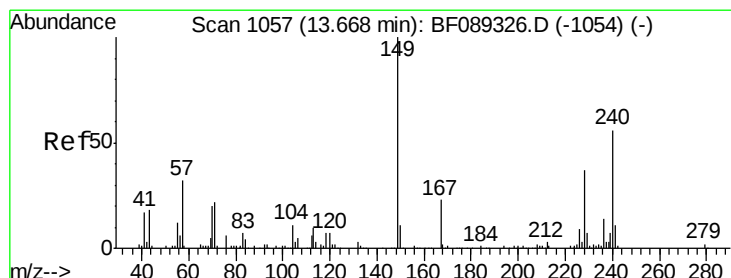
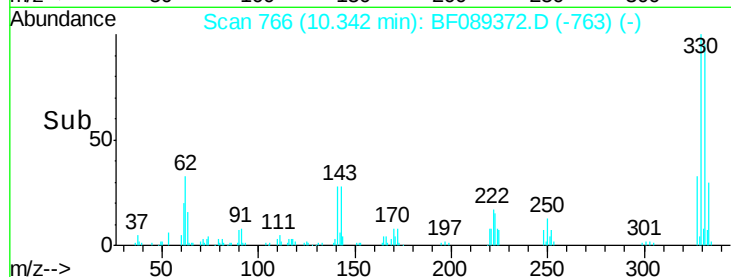
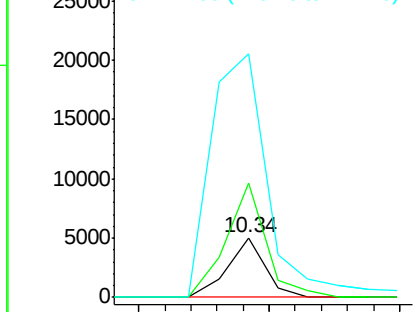
#66
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.26 min
Lab File: BF089372.D
Acq: 28 Jul 2016 19:48

Instrument :
BNA_F
ClientSampleId :
WCMH1-COMP(1-5)

Tgt Ion:248 Resp: 5071
Ion Ratio Lower Upper
248 100
250 192.1 78.2 117.2#
141 410.1 62.0 93.0#

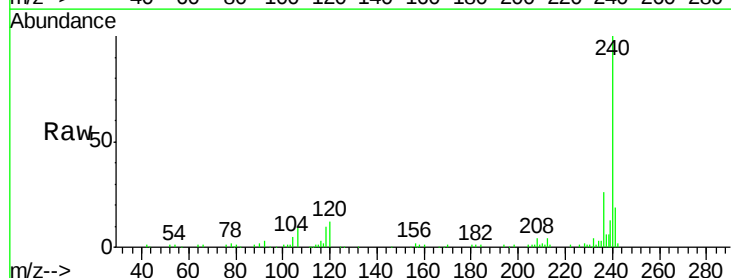


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

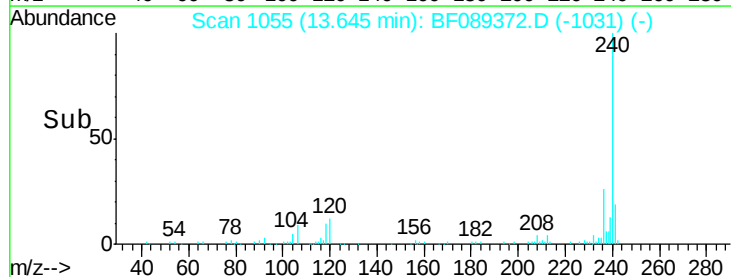
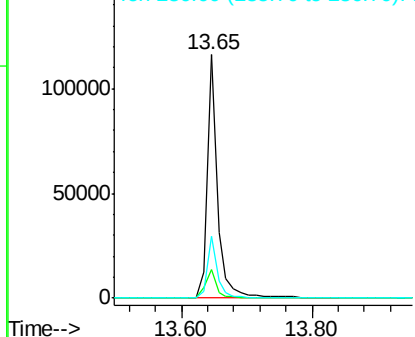


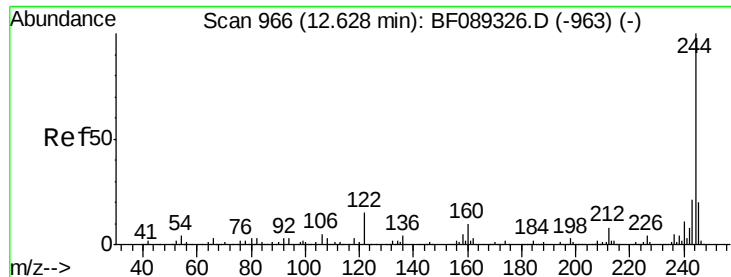
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089372.D
Acq: 28 Jul 2016 19:48

Tgt Ion:240 Resp: 126511
Ion Ratio Lower Upper
240 100
120 11.7 9.1 13.7
236 25.6 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

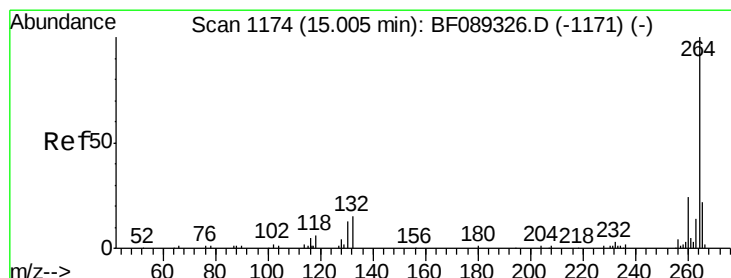
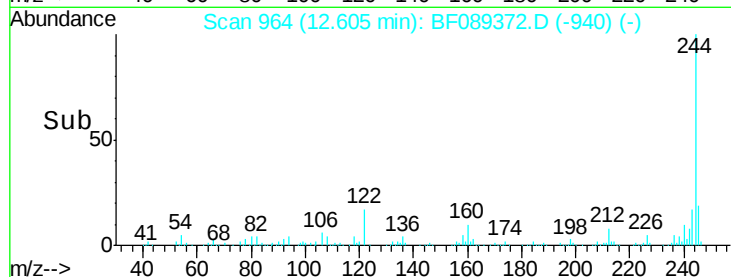
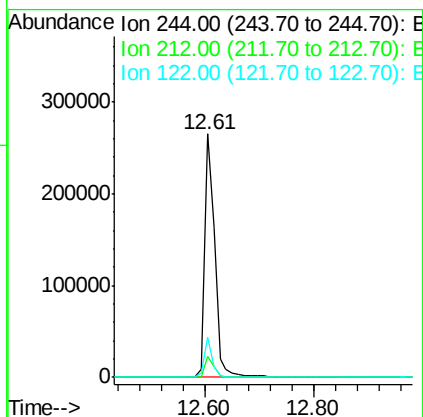
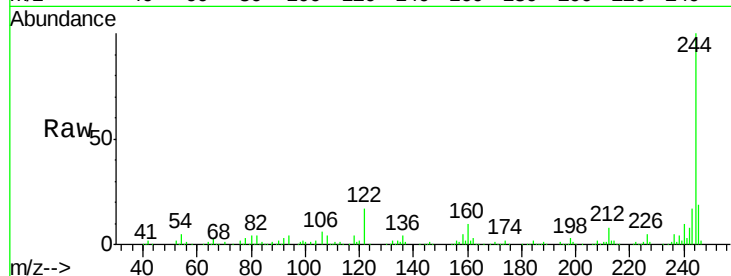




#78
 Terphenyl-d14
 Concen: 61.68 ng
 RT: 12.61 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089372.D
 Acq: 28 Jul 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 WCMH1-COMP(1-5)

Tgt Ion:244 Resp: 333381
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 16.6 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089372.D
 Acq: 28 Jul 2016 19:48

Tgt Ion:264 Resp: 99424
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.2 17.5 26.3

