

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090015.D
 Acq On : 7 Sep 2016 20:05
 Operator : UM/SJ
 Sample : H4676-27
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A-(0-2)-14

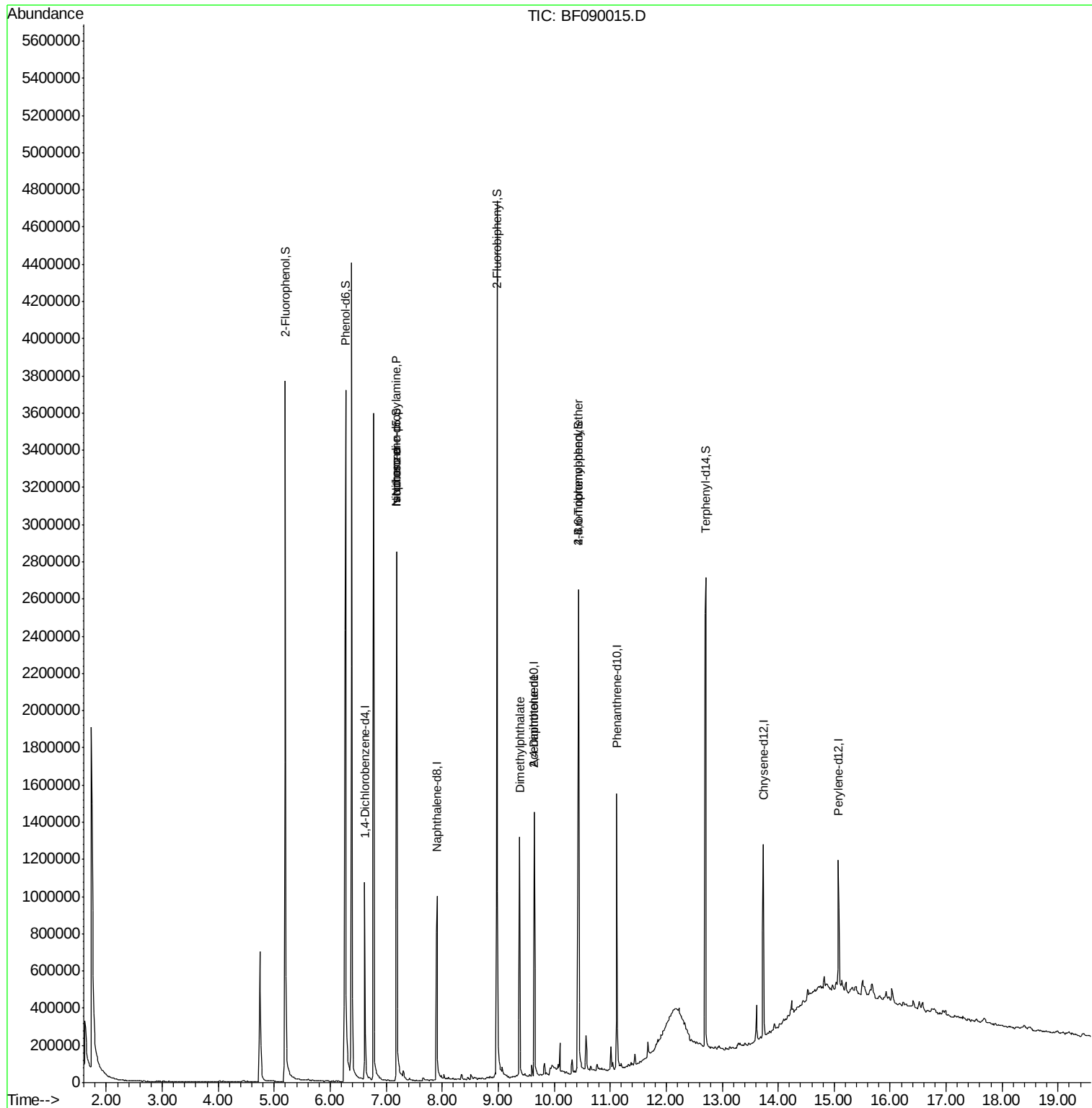
Quant Time: Sep 08 07:17:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

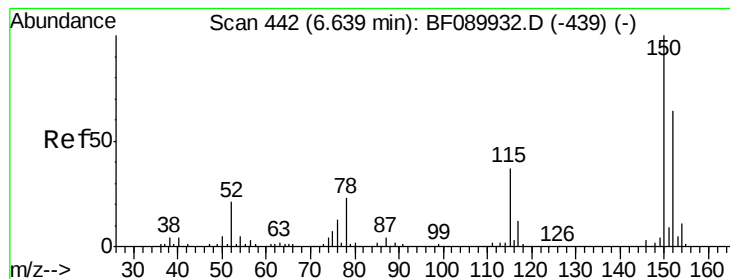
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	186157	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	739125	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	331815	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	588057	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	453441	20.00	ng	-0.02
86) Perylene-d12	15.07	264	337981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1357429	116.72	ng	-0.01
7) Phenol-d6	6.27	99	1926146	136.30	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1076603	84.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	357612	109.24	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1692811	83.75	ng	-0.02
78) Terphenyl-d14	12.71	244	1261316	68.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	143867	15.62	ng	# 82
25) Isophorone	7.19	82	852110	32.88	ng	# 65
49) Dimethylphthalate	9.38	163	586563	24.46	ng	98
56) 2,4-Dinitrotoluene	9.64	165	44305	6.55	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	24351	4.11	ng	# 1

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

```
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Misc      :  
ALS Vial  : 18 Sample Multiplier: 1
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Quant Time: Sep 08 07:17:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090015.D

Acq: 7 Sep 2016 20:05

Instrument :

BNA_F

ClientSampleId :

RAMP-A-(0-2)-14

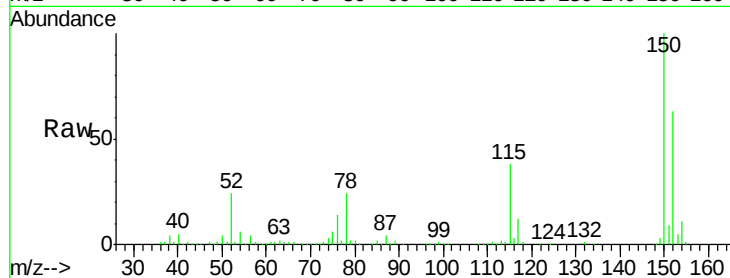
Tgt Ion:152 Resp: 186157

Ion Ratio Lower Upper

152 100

150 157.7 127.4 191.2

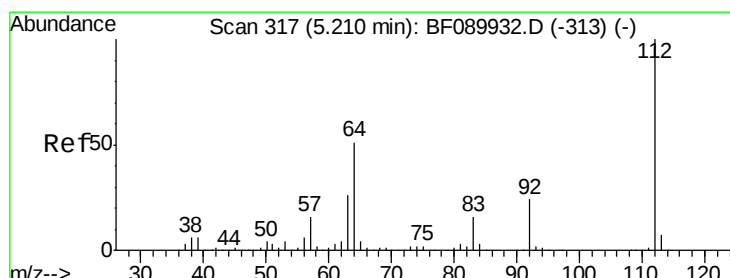
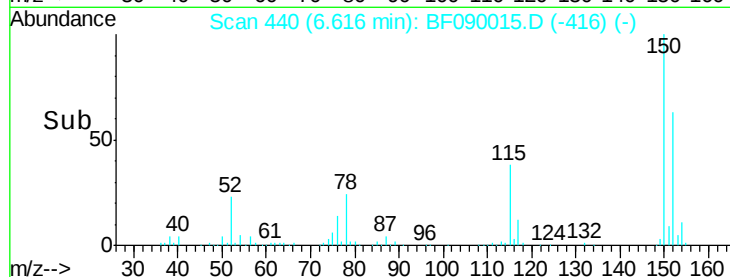
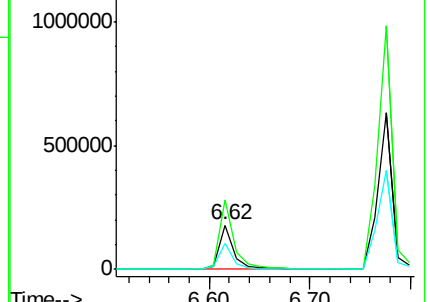
115 60.0 46.3 69.5



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: 116.72 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090015.D

Acq: 7 Sep 2016 20:05

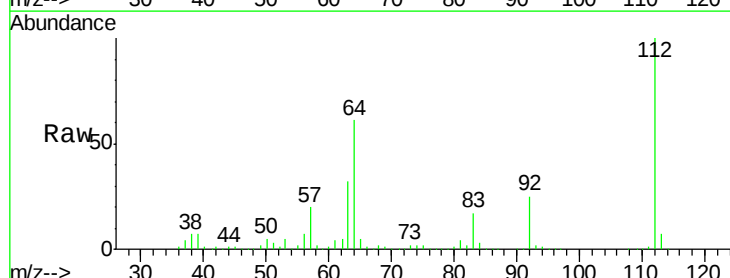
Tgt Ion:112 Resp: 1357429

Ion Ratio Lower Upper

112 100

64 60.8 41.1 61.7

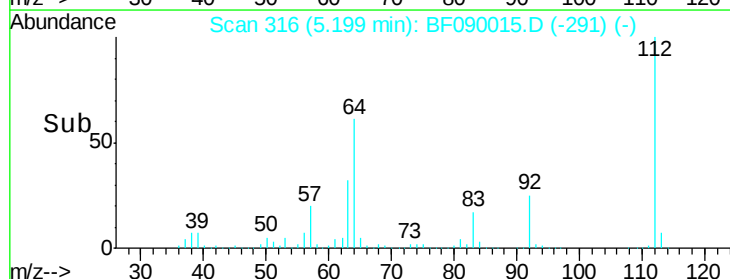
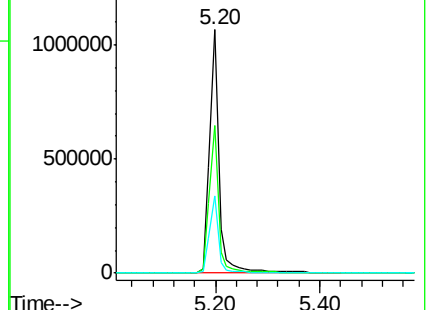
63 31.5 21.2 31.8

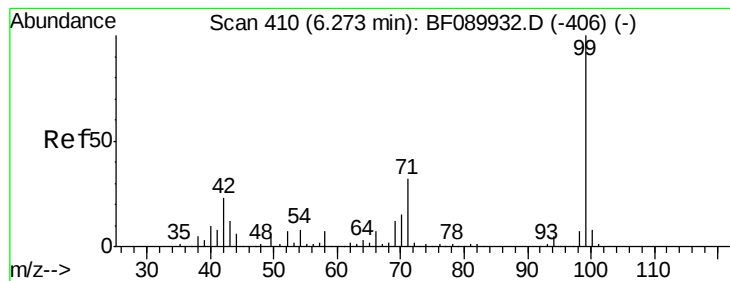


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.30 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090015.D

Acq: 7 Sep 2016 20:05

Instrument :

BNA_F

ClientSampleId :

RAMP-A-(0-2)-14

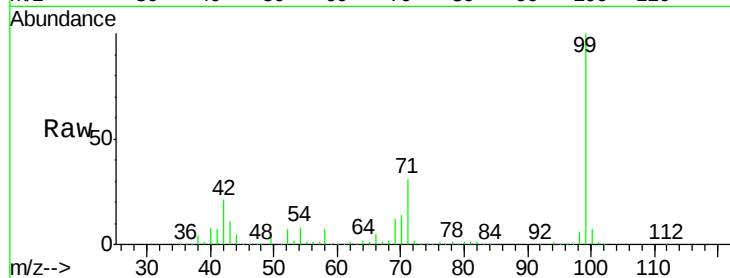
Tgt Ion: 99 Resp: 1926146

Ion Ratio Lower Upper

99 100

42 20.6 18.6 27.8

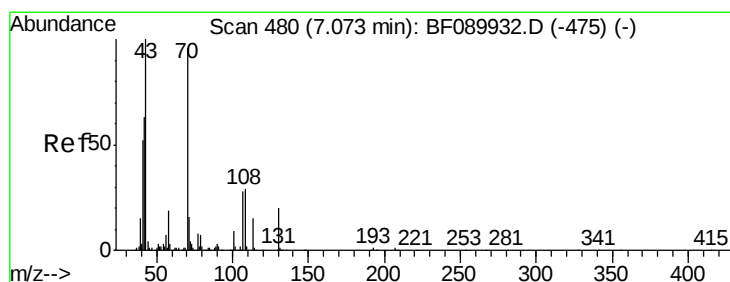
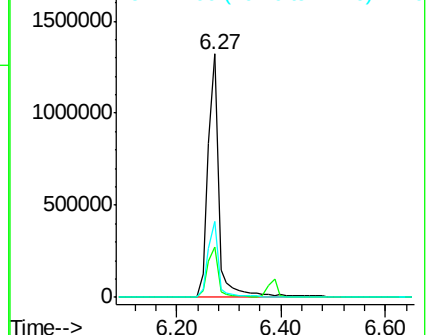
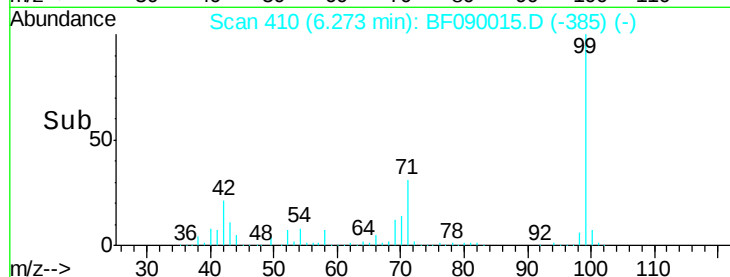
71 31.1 25.8 38.6



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: 15.62 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.11 min

Lab File: BF090015.D

Acq: 7 Sep 2016 20:05

Tgt Ion: 70 Resp: 143867

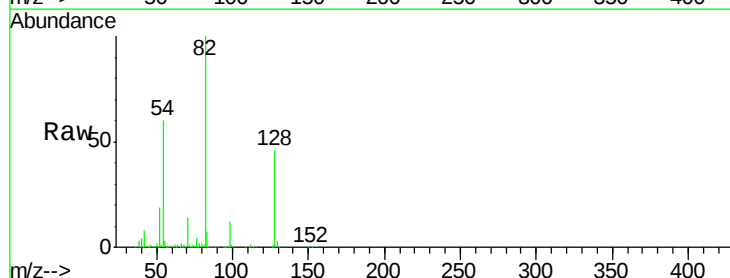
Ion Ratio Lower Upper

70 100

42 57.1 52.1 78.1

101 0.0 7.4 11.2#

130 2.0 17.0 25.4#

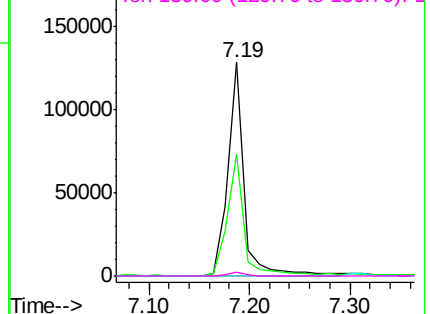
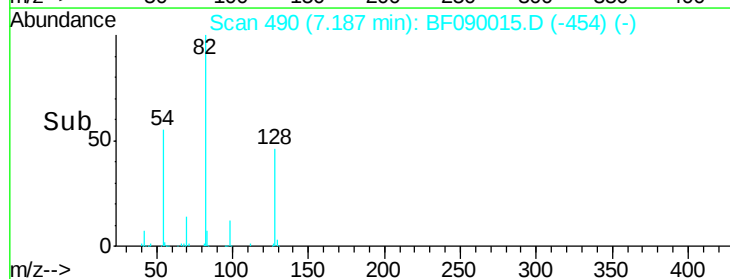


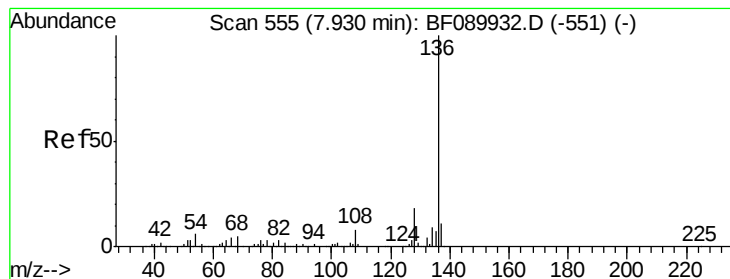
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF090015.D

Acq: 7 Sep 2016 20:05

Instrument :

BNA_F

ClientSampleId :

RAMP-A-(0-2)-14

Tgt Ion: 136 Resp: 739125

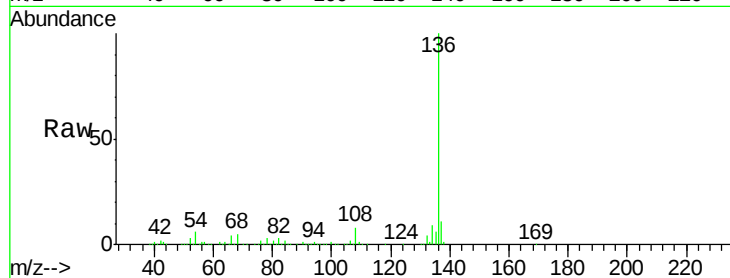
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 6.3 4.8 7.2

68 4.8 3.7 5.5

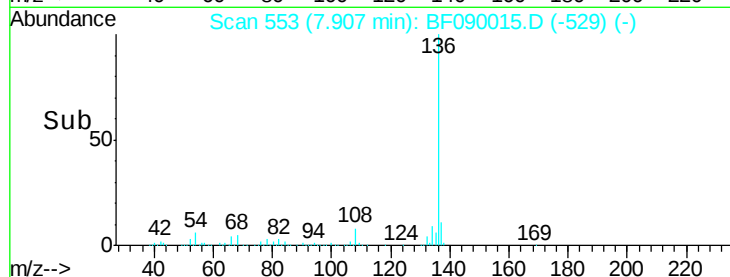


Abundance Ion 136.00 (135.70 to 136.70): E

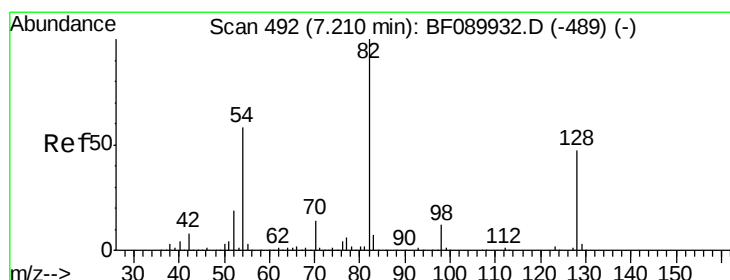
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 84.48 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090015.D

Acq: 7 Sep 2016 20:05

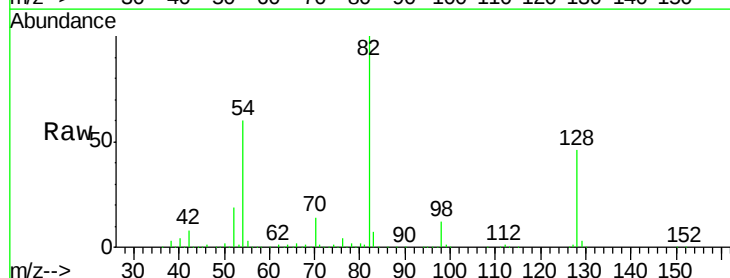
Tgt Ion: 82 Resp: 1076603

Ion Ratio Lower Upper

82 100

128 46.0 37.8 56.8

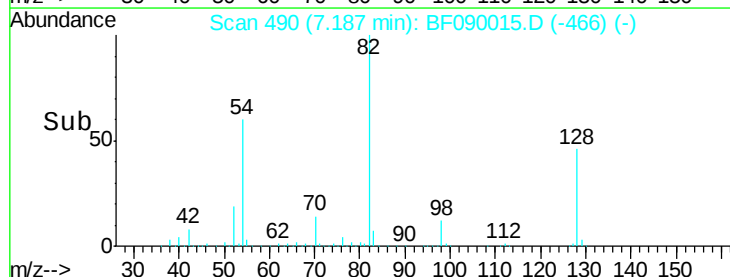
54 60.2 46.9 70.3



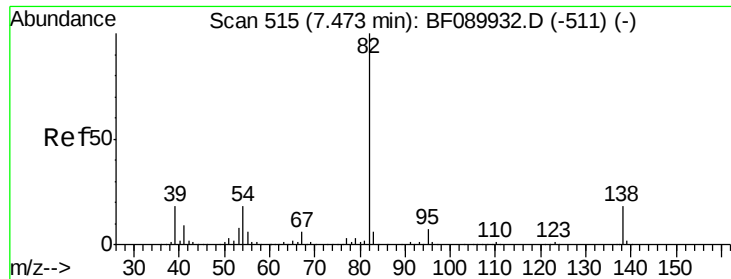
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



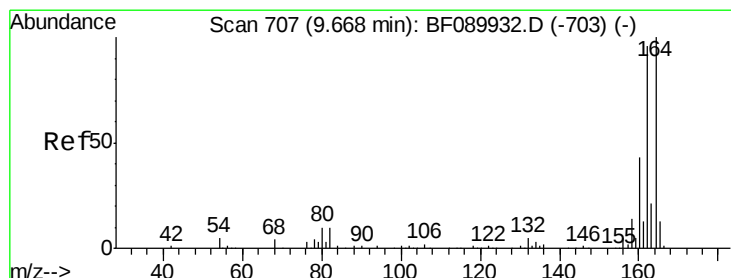
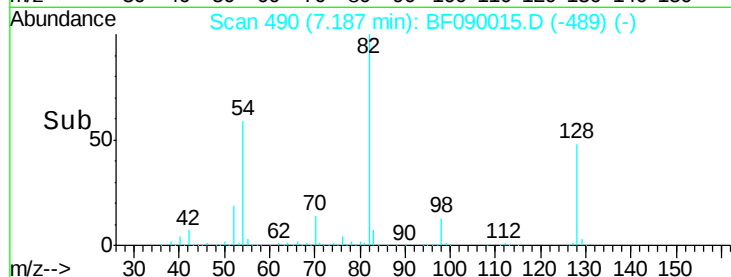
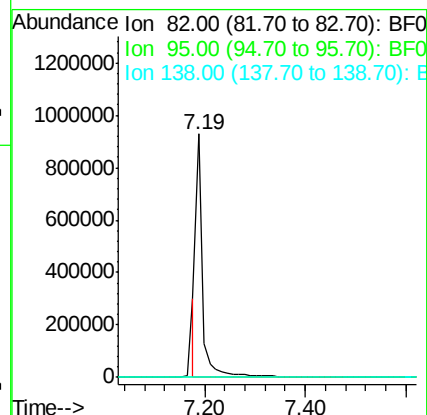
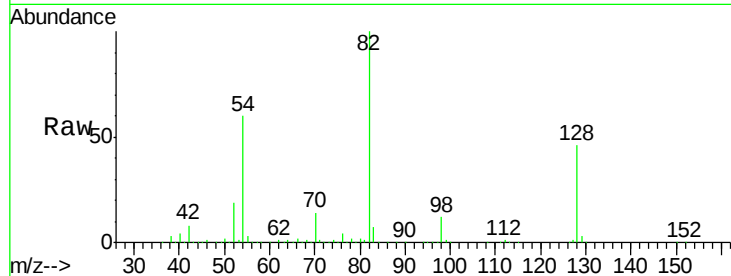
Time-->



#25
Isophorone
Concen: 32.88 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.29 min
Lab File: BF090015.D
Acq: 7 Sep 2016 20:05

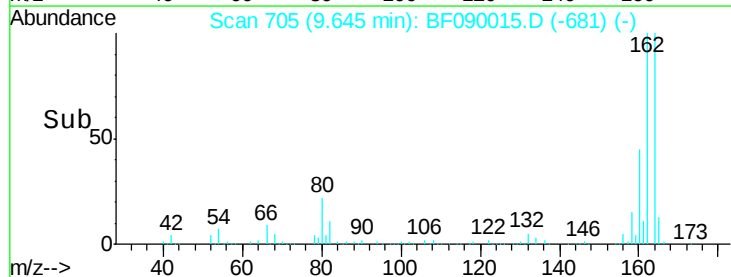
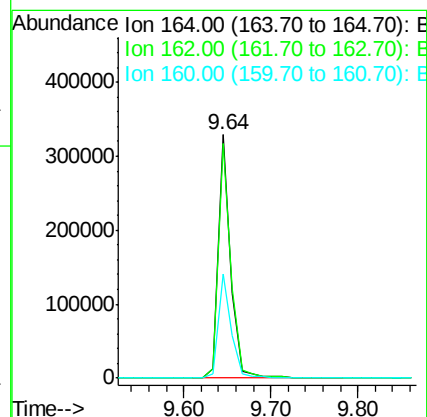
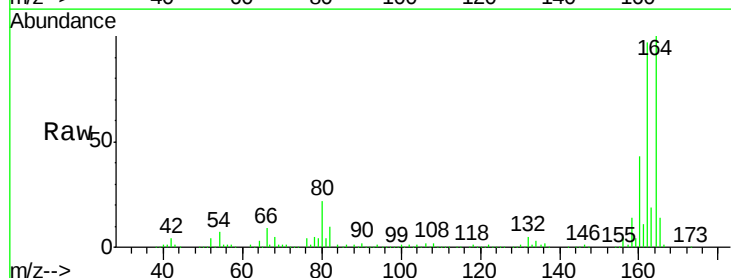
Instrument :
BNA_F
ClientSampleId :
RAMP-A-(0-2)-14

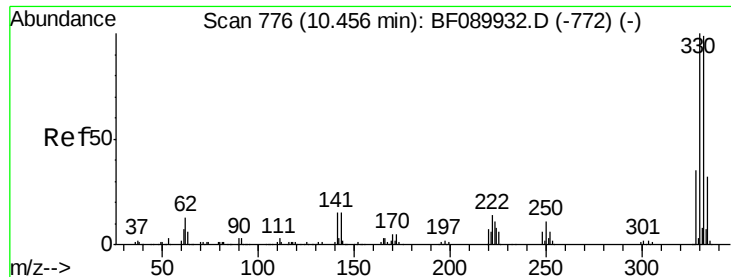
Tgt Ion: 82 Resp: 852110
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.4 21.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090015.D
Acq: 7 Sep 2016 20:05

Tgt Ion: 164 Resp: 331815
Ion Ratio Lower Upper
164 100
162 96.6 77.1 115.7
160 42.9 35.3 52.9

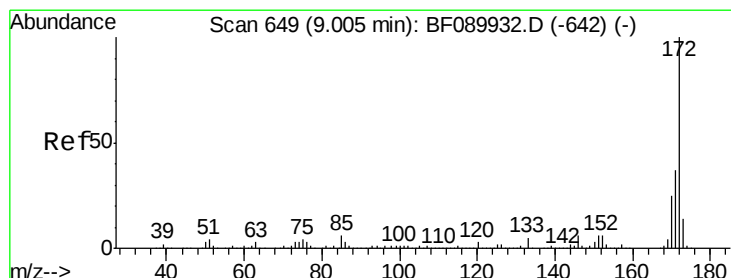
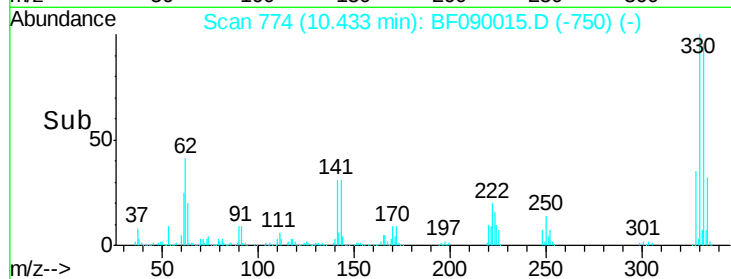
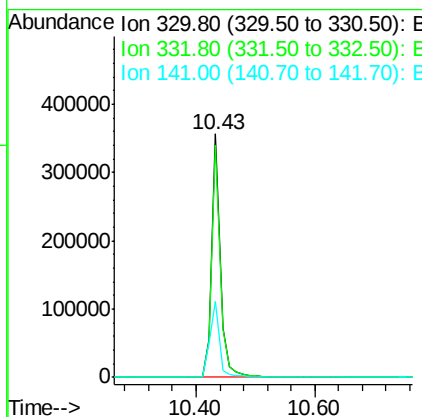
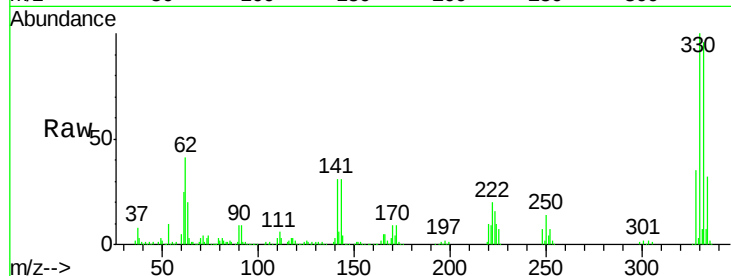




#41
 2,4,6-Tribromophenol
 Concen: 109.24 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090015.D
 Acq: 7 Sep 2016 20:05

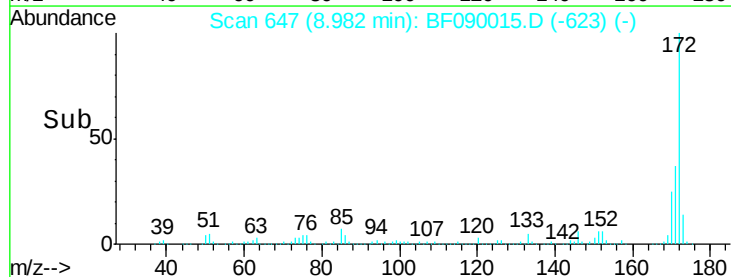
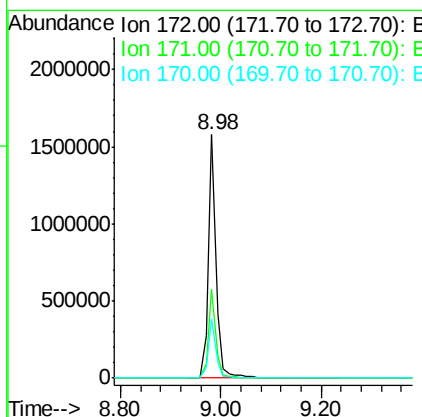
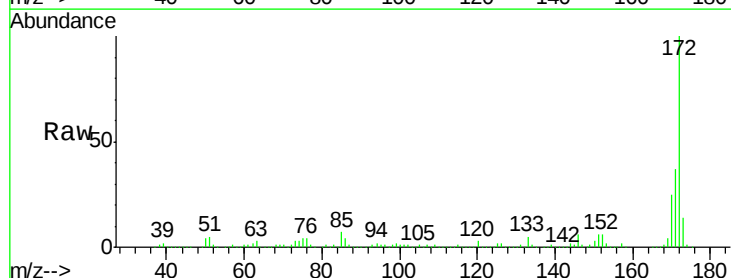
Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A-(0-2)-14

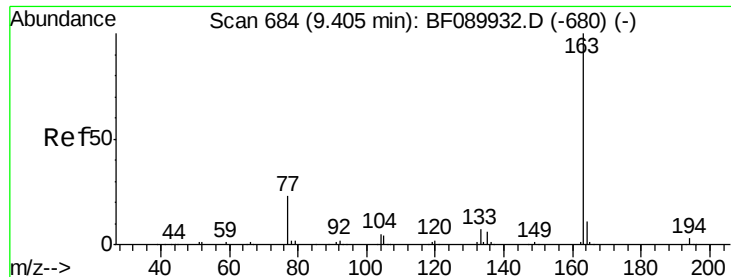
Tgt Ion:330 Resp: 357612
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.6 117.8
 141 34.5 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 83.75 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090015.D
 Acq: 7 Sep 2016 20:05

Tgt Ion:172 Resp: 1692811
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.6 20.1 30.1

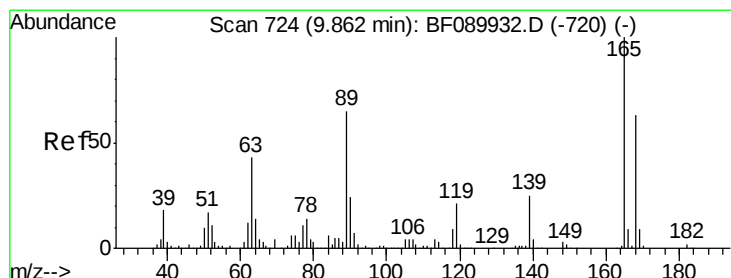
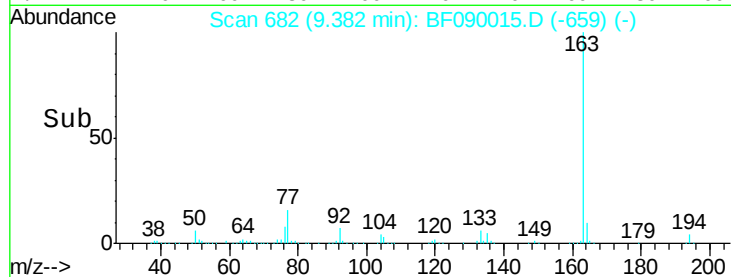
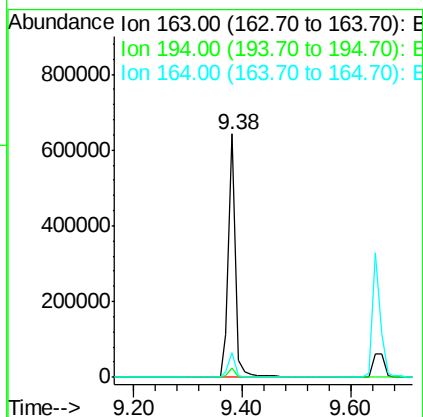
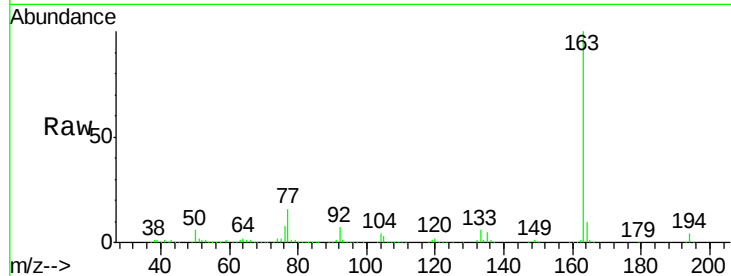




#49
Dimethylphthalate
Concen: 24.46 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090015.D
Acq: 7 Sep 2016 20:05

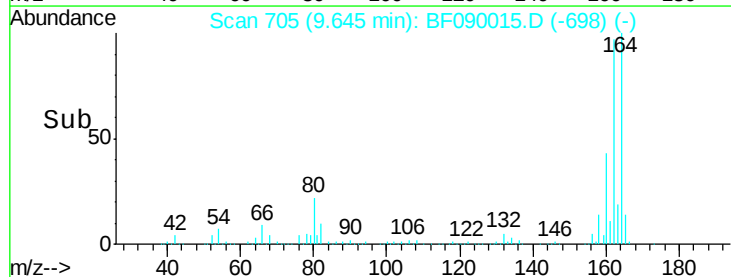
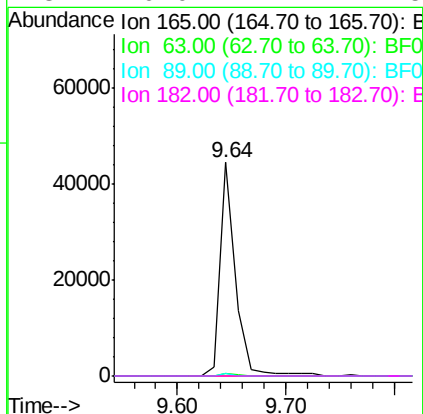
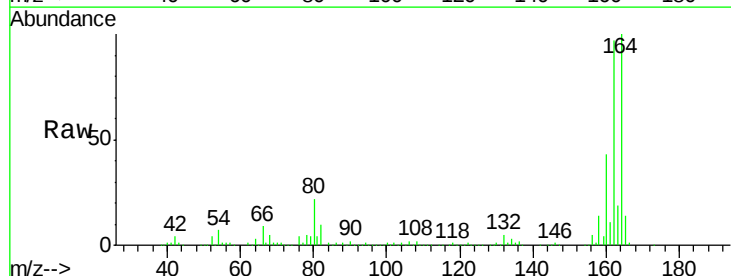
Instrument :
BNA_F
ClientSampleId :
RAMP-A-(0-2)-14

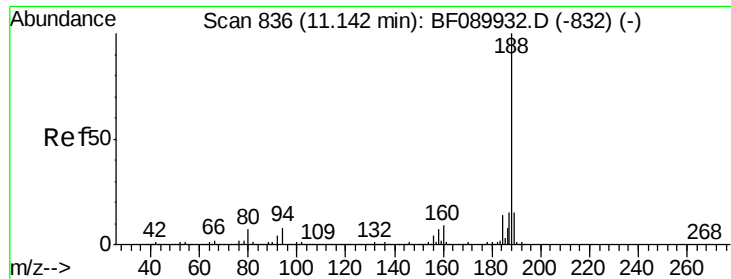
Tgt Ion:163 Resp: 586563
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 9.0 13.4



#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.22 min
Lab File: BF090015.D
Acq: 7 Sep 2016 20:05

Tgt Ion:165 Resp: 44305
Ion Ratio Lower Upper
165 100
63 1.1 32.5 48.7#
89 1.3 48.3 72.5#
182 0.0 1.7 2.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF090015.D

Acq: 7 Sep 2016 20:05

Instrument :

BNA_F

ClientSampleId :

RAMP-A-(0-2)-14

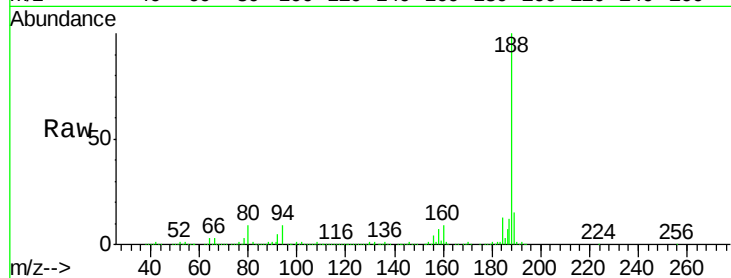
Tgt Ion:188 Resp: 588057

Ion Ratio Lower Upper

188 100

94 8.7 5.9 8.9

80 8.9 5.8 8.8#



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

800000

600000

400000

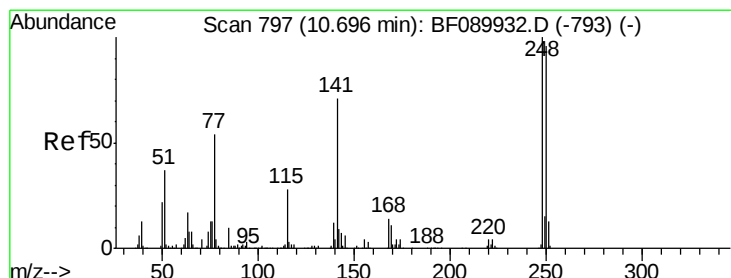
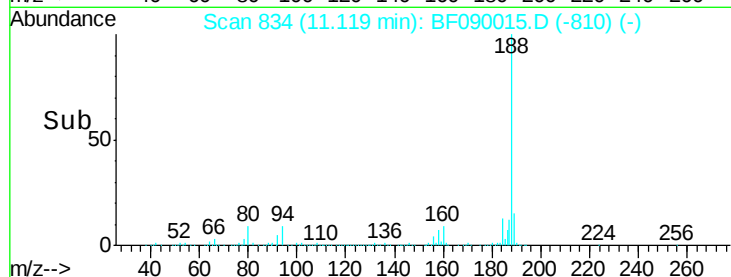
200000

0

11.12

11.10 11.20 11.30

Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.11 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF090015.D

Acq: 7 Sep 2016 20:05

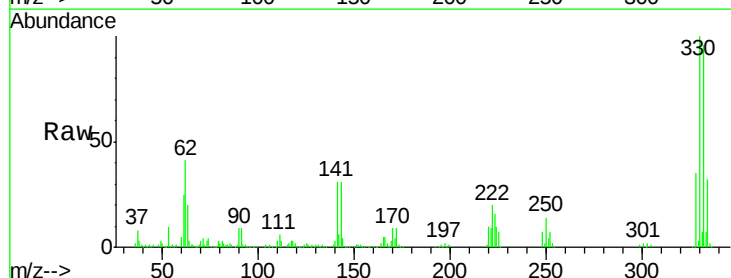
Tgt Ion:248 Resp: 24351

Ion Ratio Lower Upper

248 100

250 203.3 77.3 115.9#

141 456.9 55.8 83.8#



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

150000

100000

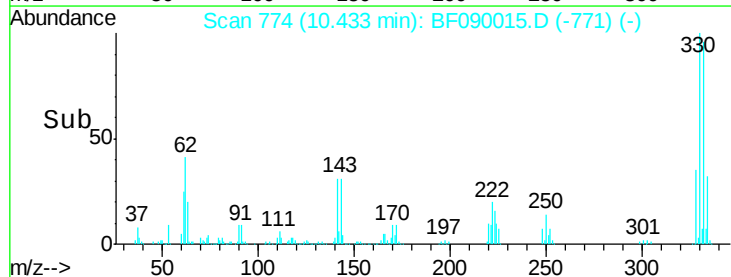
50000

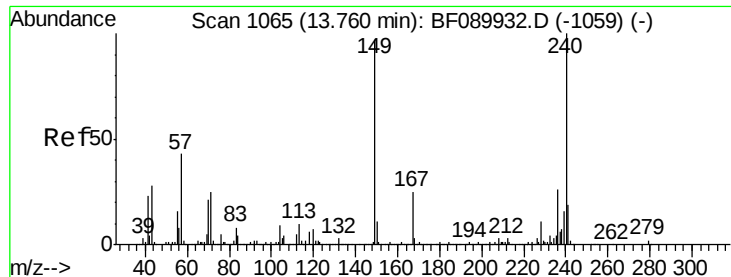
0

10.43

10.40 10.45 10.50

Time-->

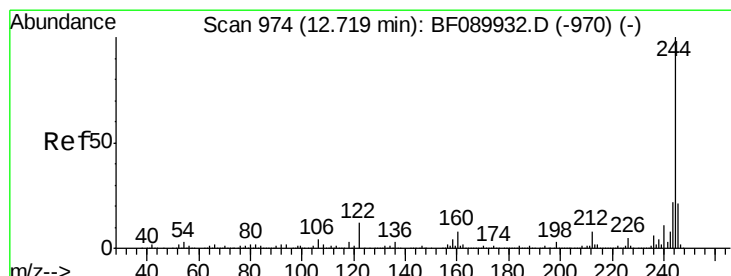
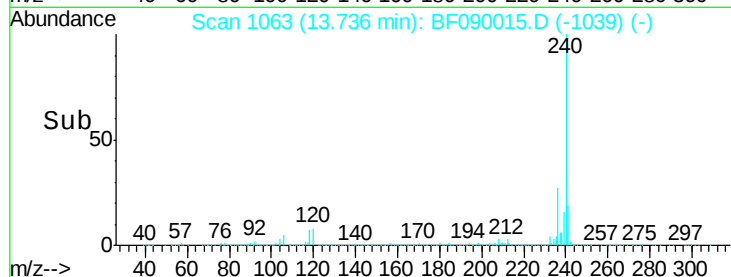
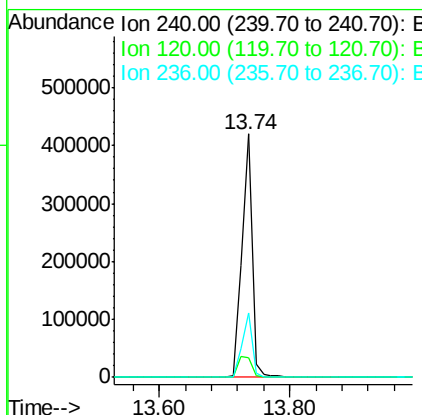
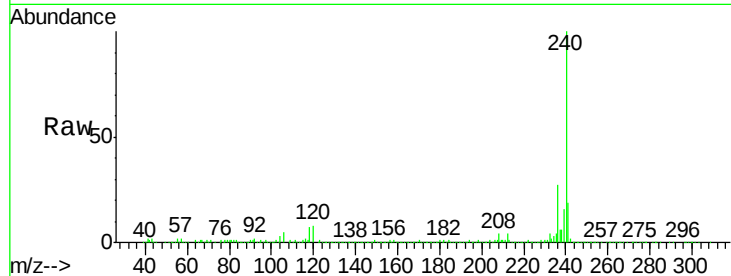




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF090015.D
 Acq: 7 Sep 2016 20:05

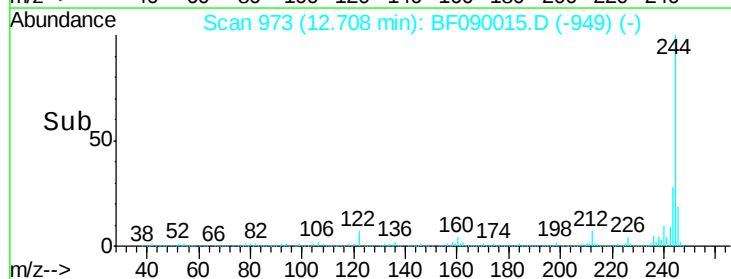
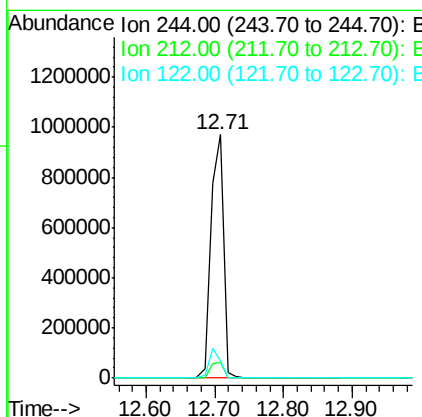
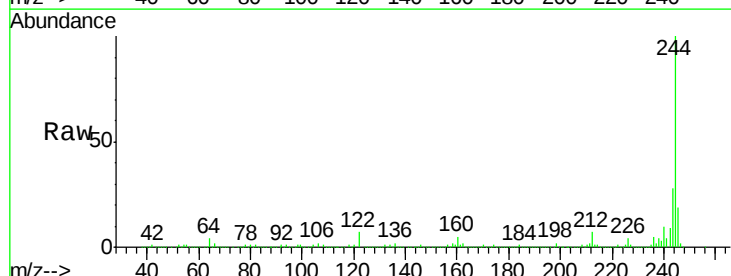
Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A-(0-2)-14

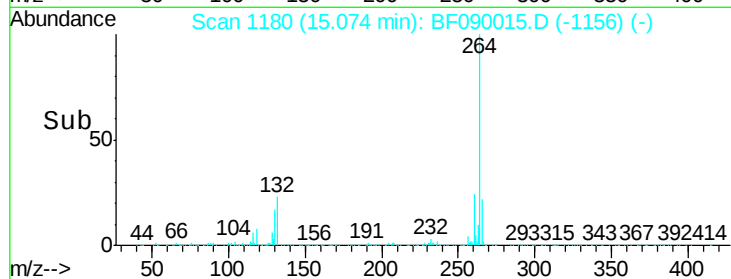
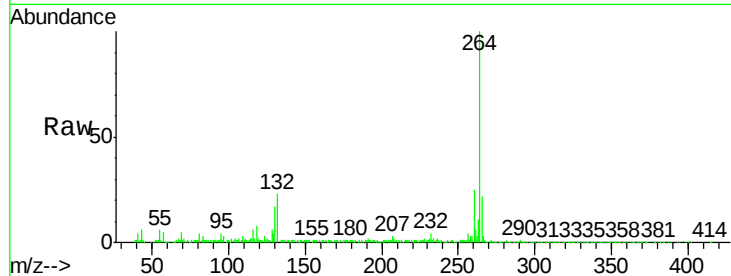
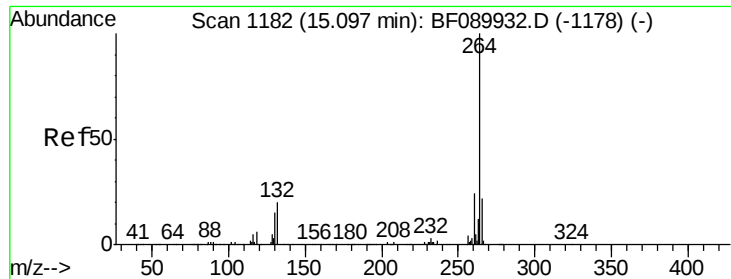
Tgt Ion:240 Resp: 453441
 Ion Ratio Lower Upper
 240 100
 120 8.2 5.7 8.5
 236 26.7 21.3 31.9



#78
 Terphenyl-d14
 Concen: 68.71 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF090015.D
 Acq: 7 Sep 2016 20:05

Tgt Ion:244 Resp: 1261316
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.1 9.1
 122 6.8 9.6 14.4#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF090015.D

Acq: 7 Sep 2016 20:05

Instrument :

BNA_F

ClientSampleId :

RAMP-A-(0-2)-14

Tgt Ion: 264 Resp: 337981

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 22.0 17.4 26.2

