

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090017.D
 Acq On : 7 Sep 2016 21:02
 Operator : UM/SJ
 Sample : H4686-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001

Quant Time: Sep 08 07:17:26 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

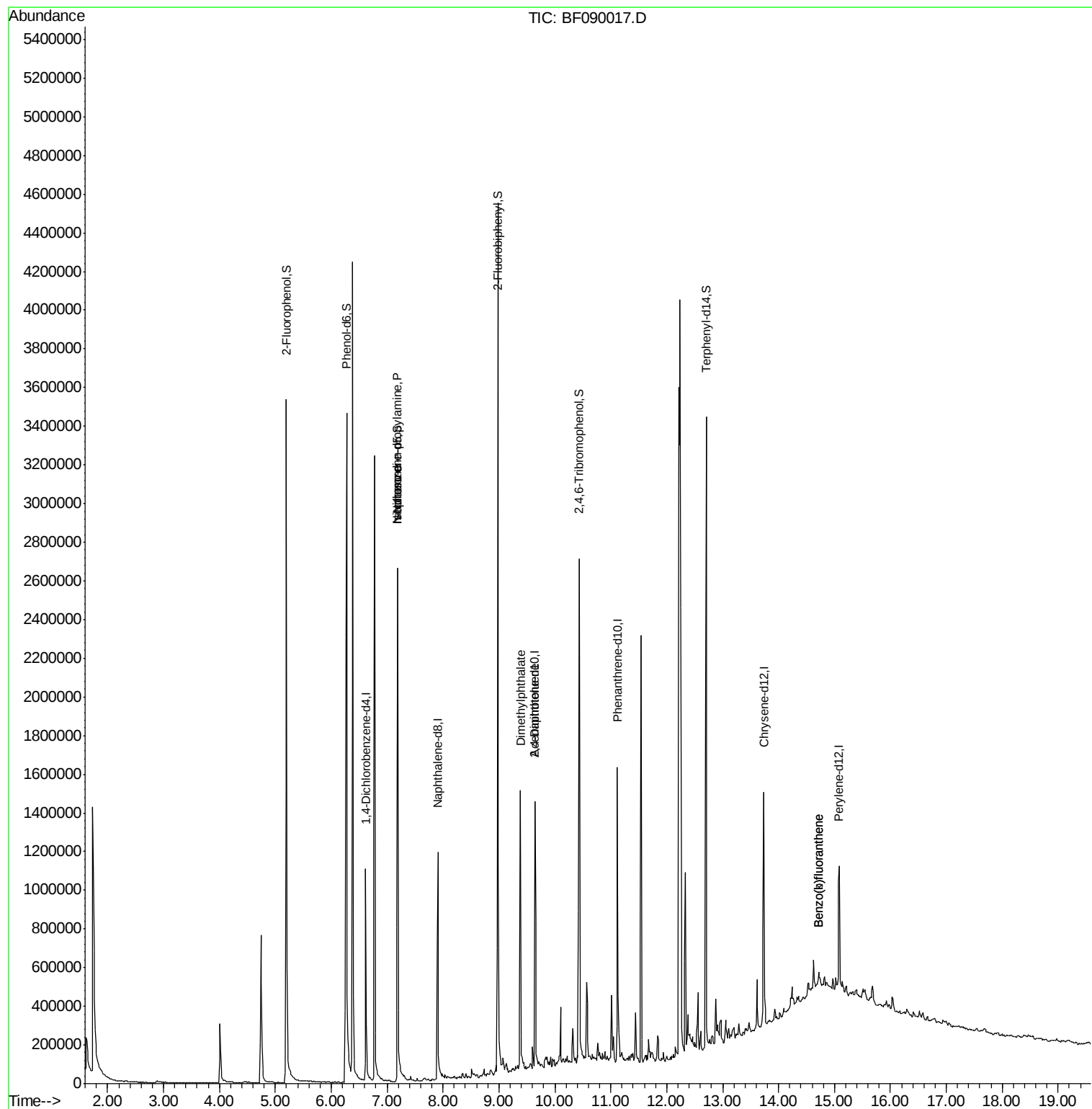
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	197768	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	784419	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	355301	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	624651	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	456915	20.00	ng	-0.02
86) Perylene-d12	15.09	264	365806	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1283768	103.90	ng	-0.01
7) Phenol-d6	6.27	99	1822962	121.42	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1002691	74.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	341264	97.36	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1609749	74.37	ng	-0.02
78) Terphenyl-d14	12.71	244	1294695	70.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	133305	13.63	ng	# 82
25) Isophorone	7.19	82	812618	29.55	ng	# 65
49) Dimethylphthalate	9.38	163	624905	24.33	ng	99
56) 2,4-Dinitrotoluene	9.64	165	46908	6.48	ng	# 30
87) Benzo(b)fluoranthene	14.72	252	51811	2.26	ng	# 78
88) Benzo(k)fluoranthene	14.72	252	51811	2.66	ng	# 78

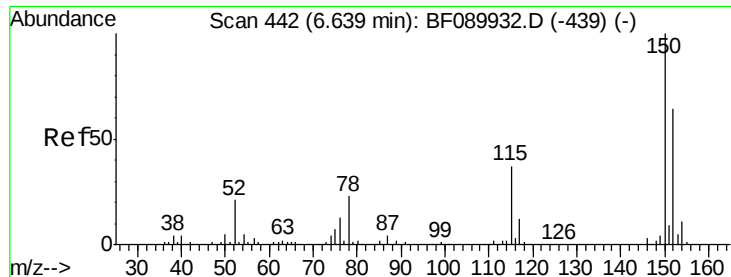
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

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Acq: 7 Sep 2016 21:02

Instrument :

BNA_F

ClientSampleId :

SP-001

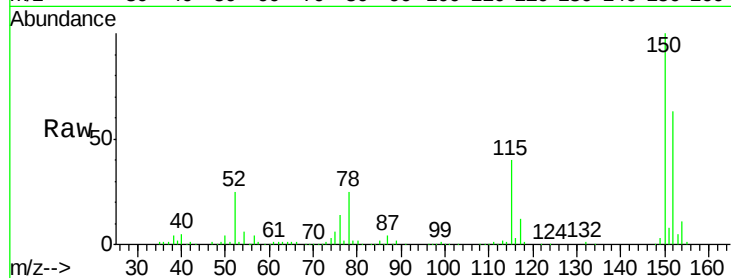
Tgt Ion:152 Resp: 197768

Ion Ratio Lower Upper

152 100

150 157.6 127.4 191.2

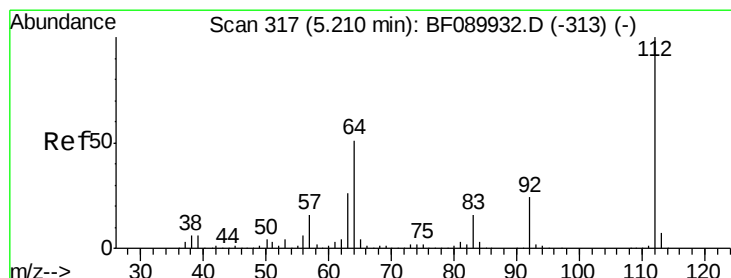
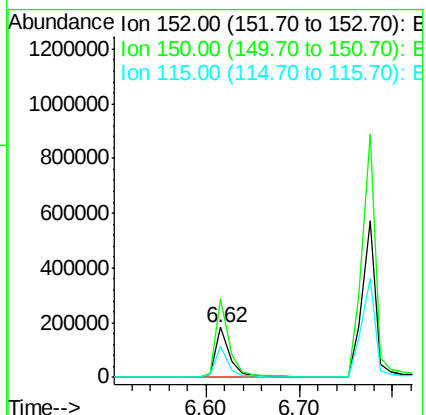
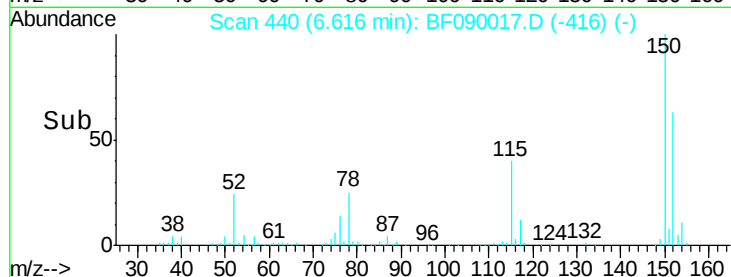
115 62.5 46.3 69.5



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: 103.90 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090017.D

Acq: 7 Sep 2016 21:02

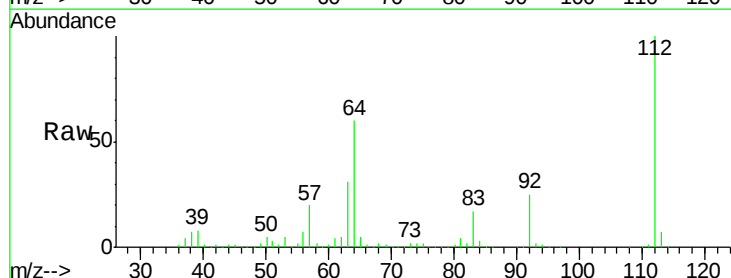
Tgt Ion:112 Resp: 1283768

Ion Ratio Lower Upper

112 100

64 59.7 41.1 61.7

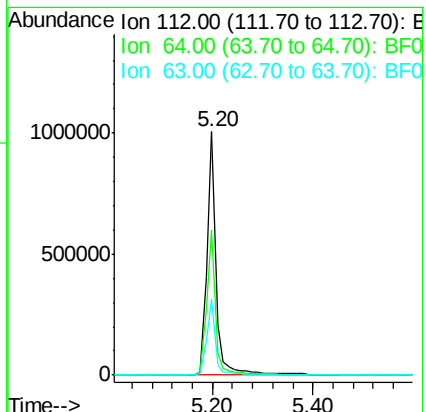
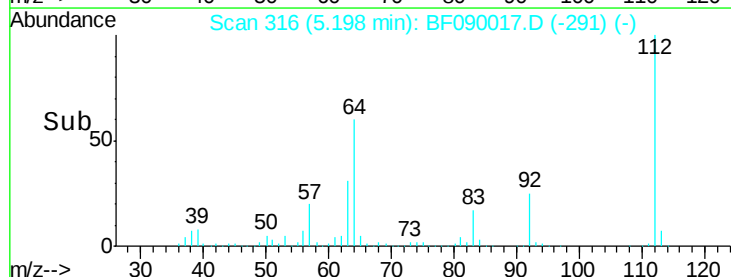
63 31.2 21.2 31.8

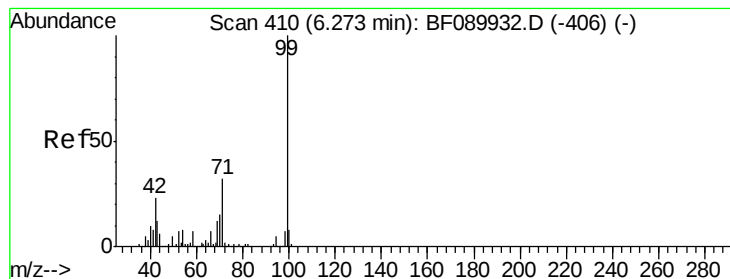


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.42 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090017.D

Acq: 7 Sep 2016 21:02

Instrument :

BNA_F

ClientSampleId :

SP-001

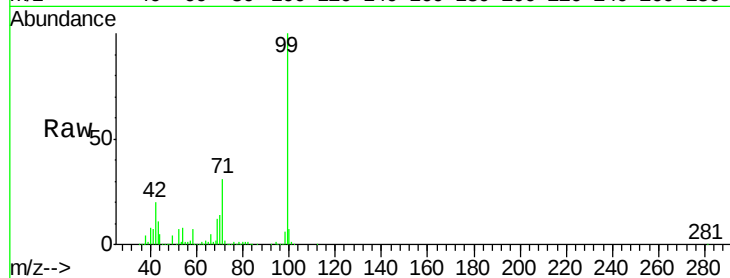
Tgt Ion: 99 Resp: 1822962

Ion Ratio Lower Upper

99 100

42 20.3 18.6 27.8

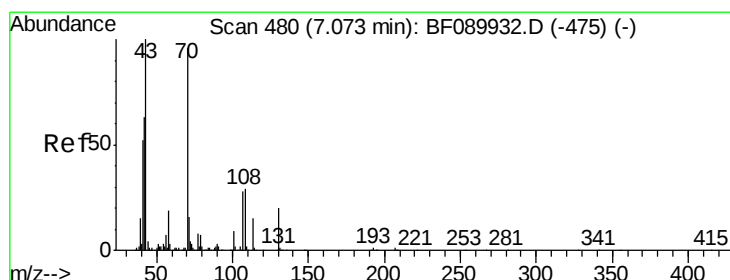
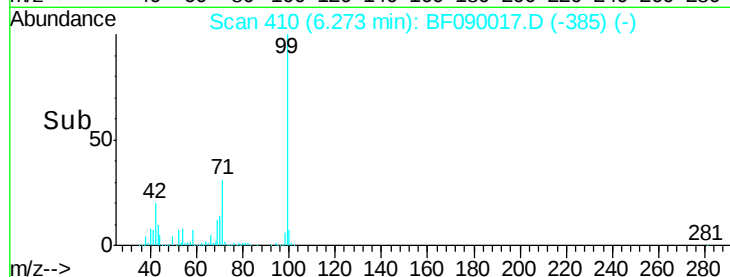
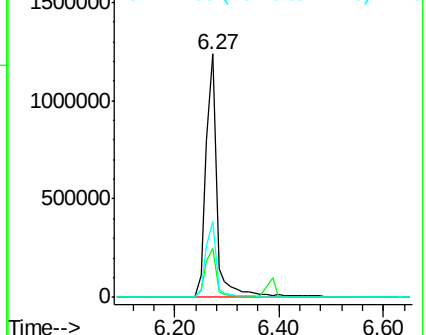
71 31.0 25.8 38.6



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: 13.63 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.11 min

Lab File: BF090017.D

Acq: 7 Sep 2016 21:02

Tgt Ion: 70 Resp: 133305

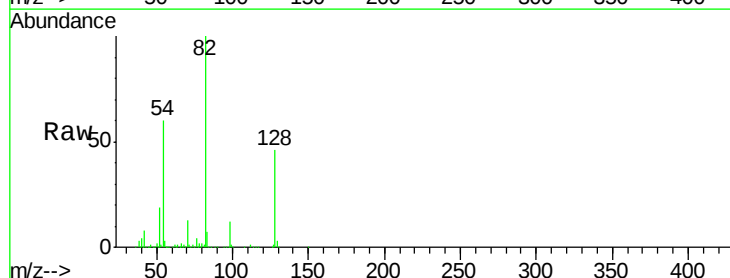
Ion Ratio Lower Upper

70 100

42 57.5 52.1 78.1

101 0.0 7.4 11.2#

130 2.0 17.0 25.4#

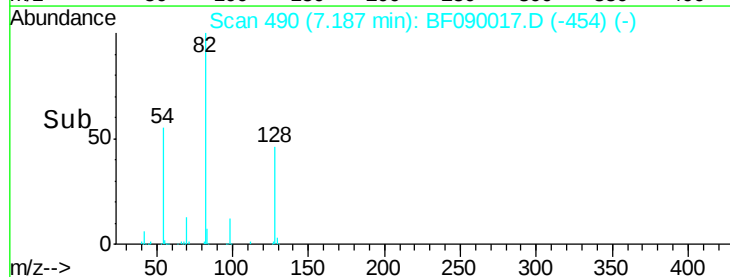
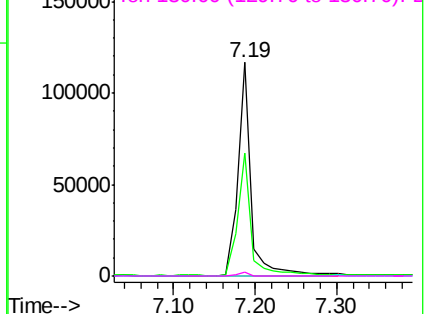


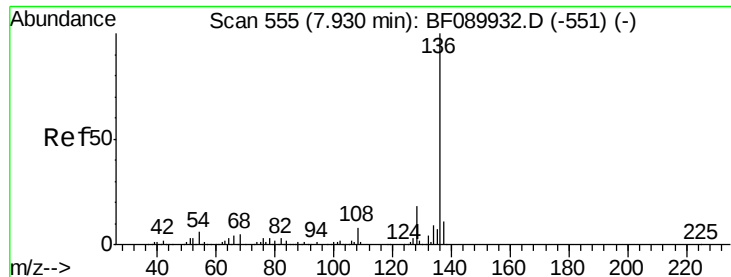
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF090017.D

Acq: 7 Sep 2016 21:02

Instrument :

BNA_F

ClientSampleId :

SP-001

Tgt Ion:136 Resp: 784419

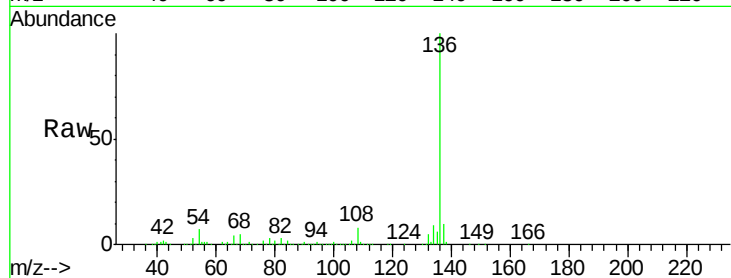
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 6.7 4.8 7.2

68 4.8 3.7 5.5

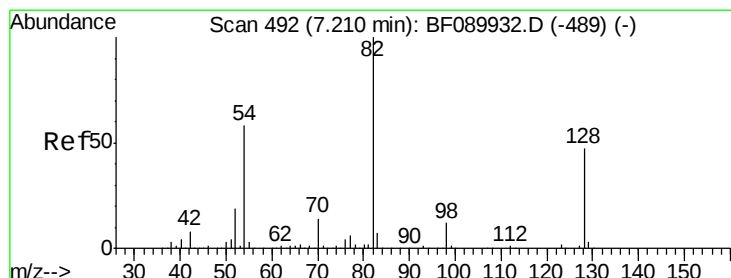
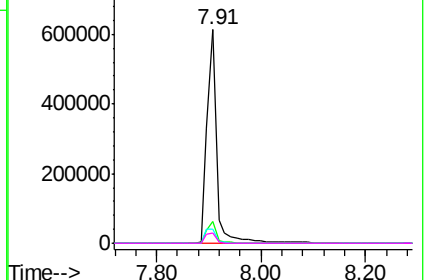
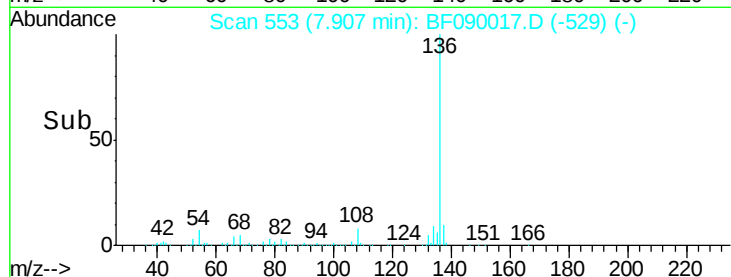


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 74.13 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090017.D

Acq: 7 Sep 2016 21:02

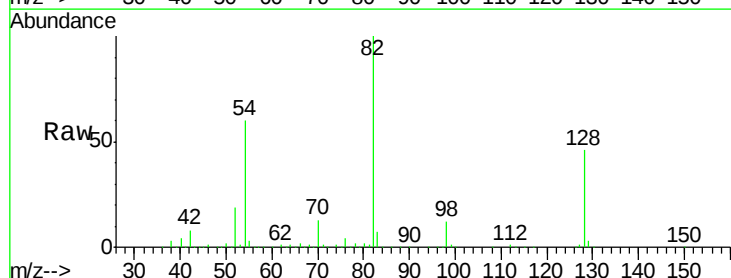
Tgt Ion: 82 Resp: 1002691

Ion Ratio Lower Upper

82 100

128 46.1 37.8 56.8

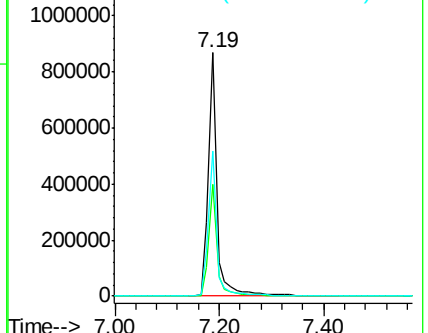
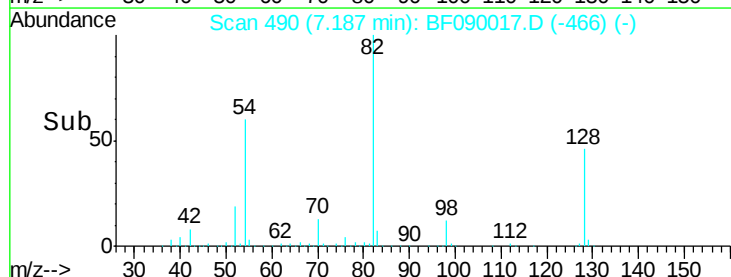
54 59.7 46.9 70.3

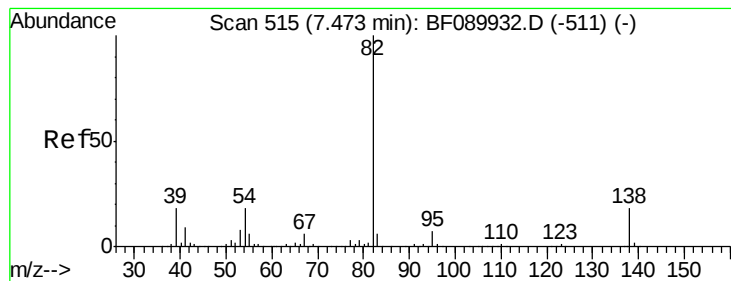


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.55 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.29 min

Lab File: BF090017.D

Acq: 7 Sep 2016 21:02

Instrument :

BNA_F

ClientSampleId :

SP-001

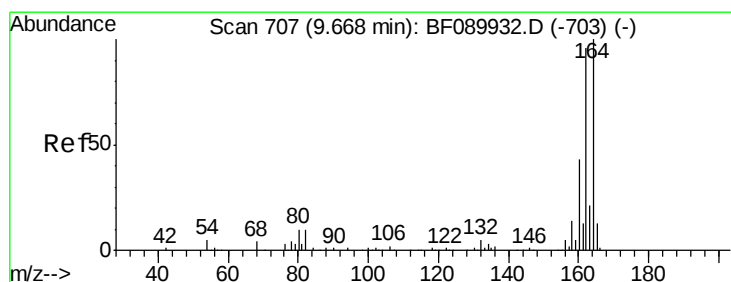
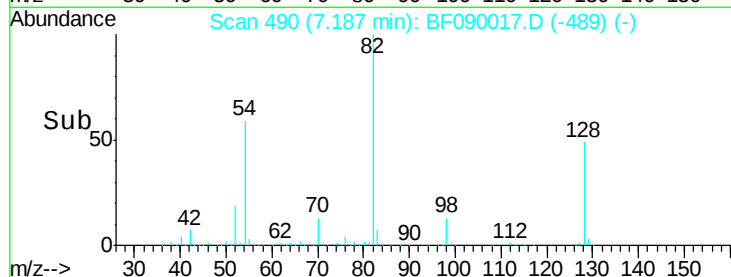
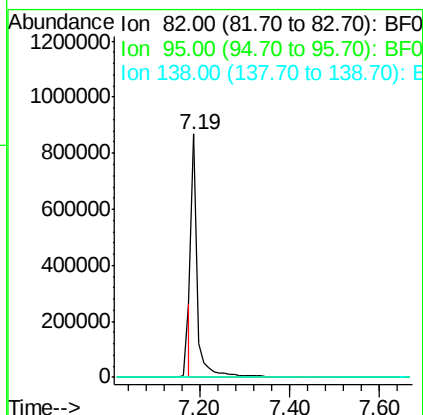
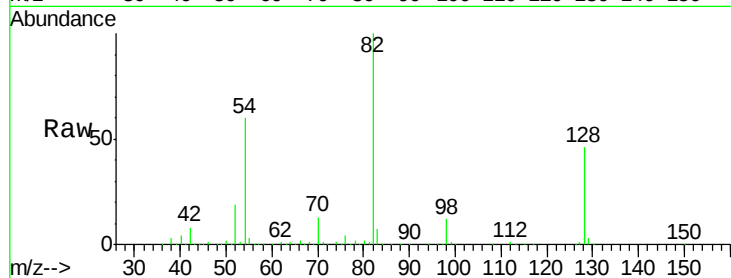
Tgt Ion: 82 Resp: 812618

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: BF090017.D

Acq: 7 Sep 2016 21:02

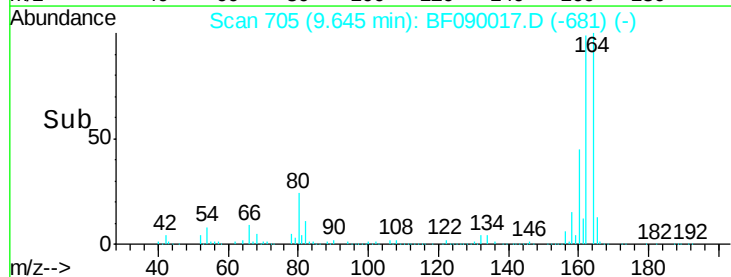
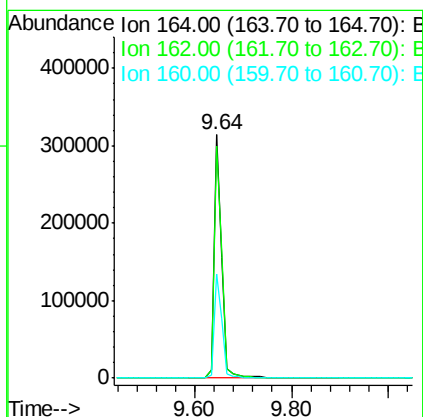
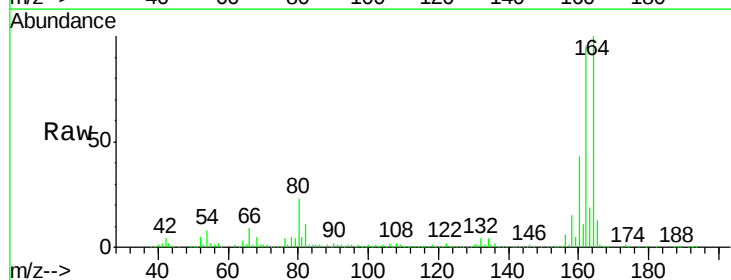
Tgt Ion: 164 Resp: 355301

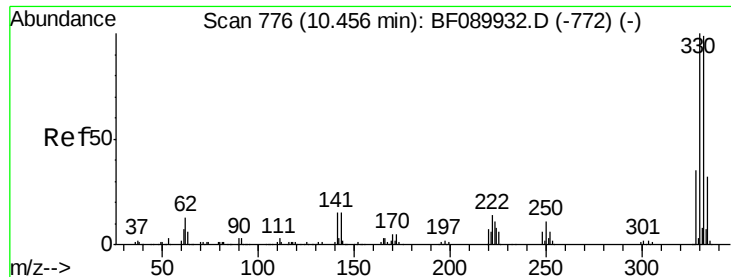
Ion Ratio Lower Upper

164 100

162 95.3 77.1 115.7

160 43.0 35.3 52.9

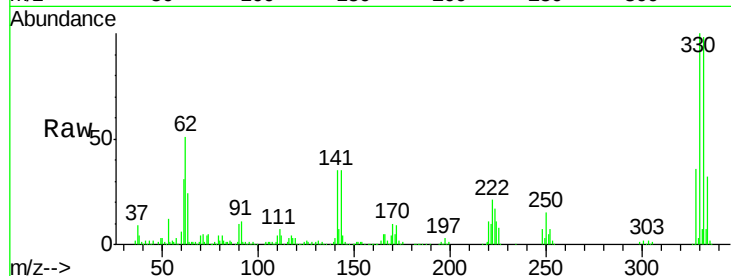




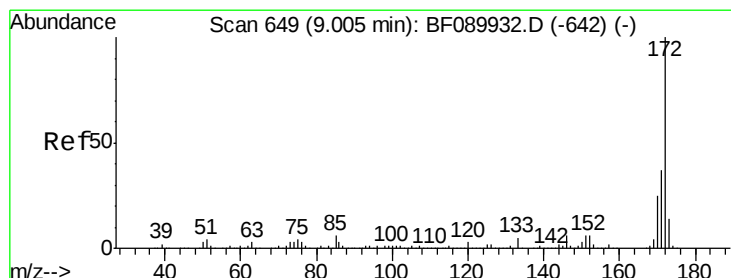
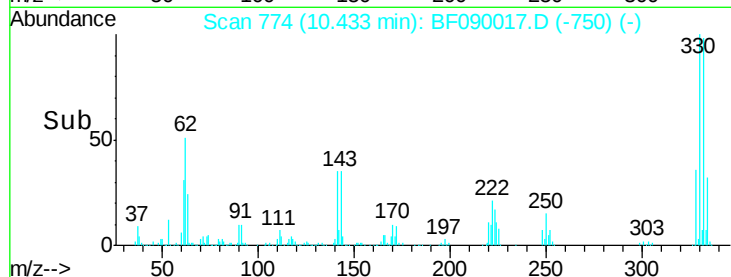
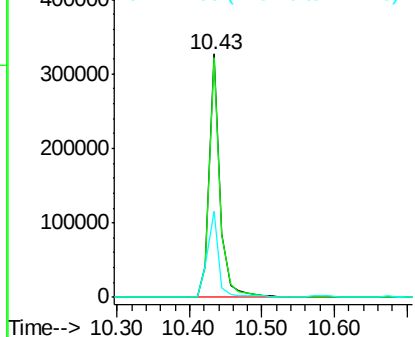
#41
 2,4,6-Tribromophenol
 Concen: 97.36 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090017.D
 Acq: 7 Sep 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-001

Tgt Ion:330 Resp: 341264
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.6 117.8
 141 36.4 23.3 34.9#

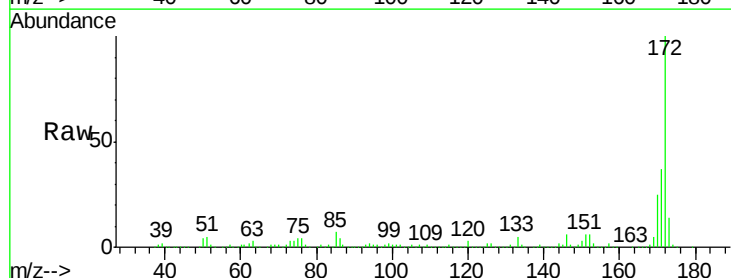


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

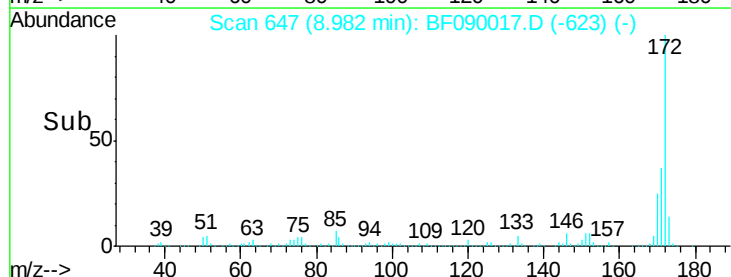
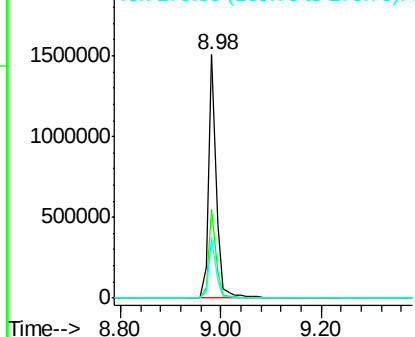


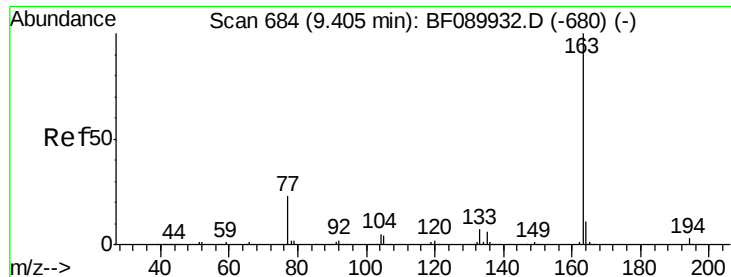
#44
 2-Fluorobiphenyl
 Concen: 74.37 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090017.D
 Acq: 7 Sep 2016 21:02

Tgt Ion:172 Resp: 1609749
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.9 20.1 30.1



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

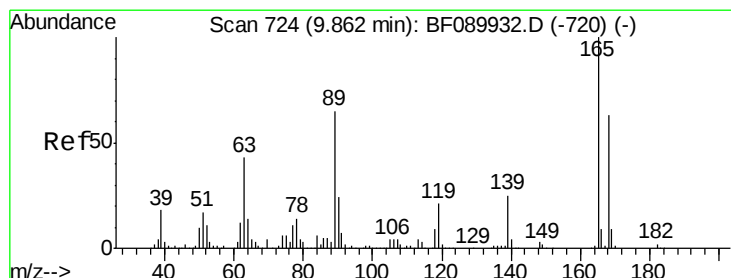
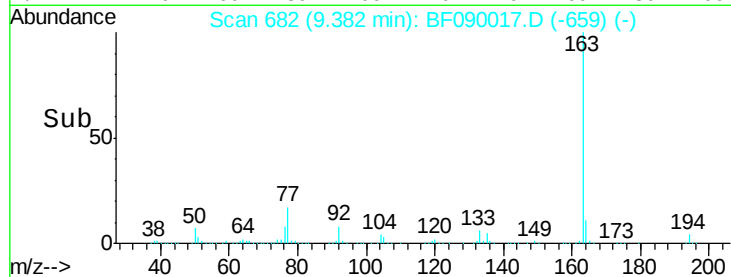
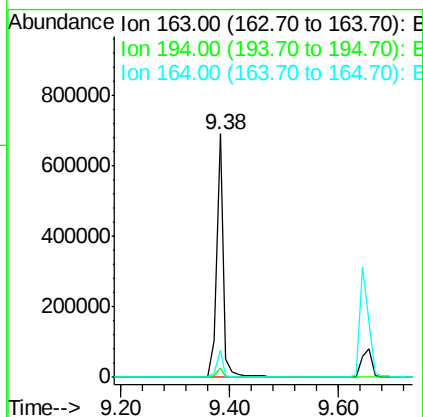
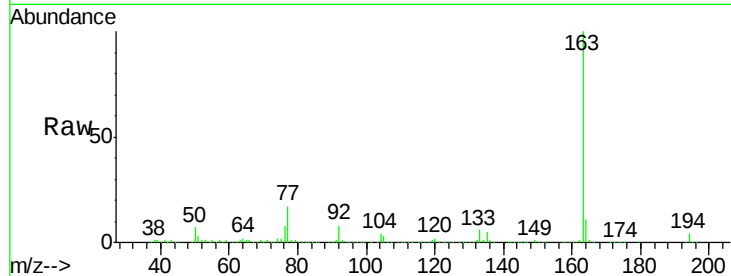




#49
Dimethylphthalate
Concen: 24.33 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090017.D
Acq: 7 Sep 2016 21:02

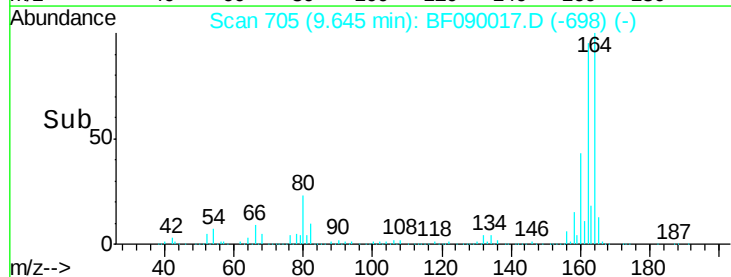
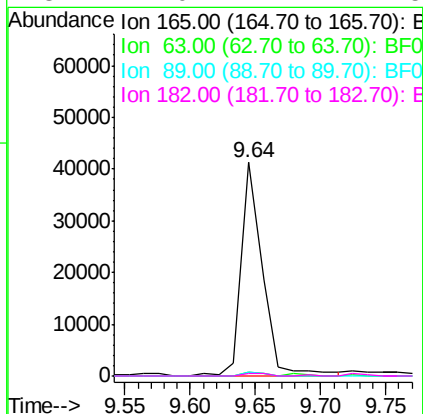
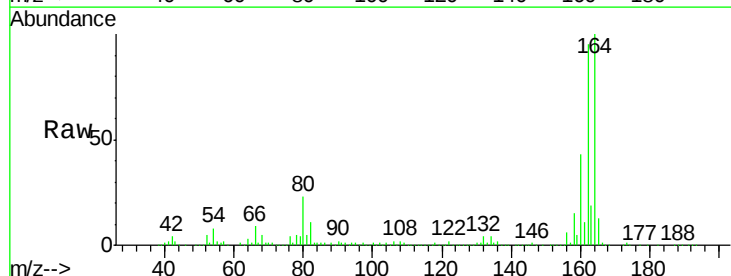
Instrument :
BNA_F
ClientSampleId :
SP-001

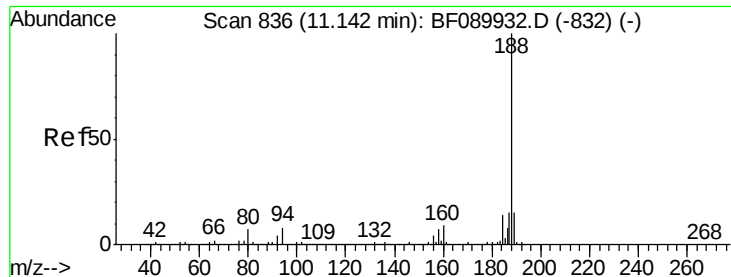
Tgt Ion:163 Resp: 624905
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.0 9.0 13.4



#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.22 min
Lab File: BF090017.D
Acq: 7 Sep 2016 21:02

Tgt Ion:165 Resp: 46908
Ion Ratio Lower Upper
165 100
63 1.5 32.5 48.7#
89 1.5 48.3 72.5#
182 1.0 1.7 2.5#

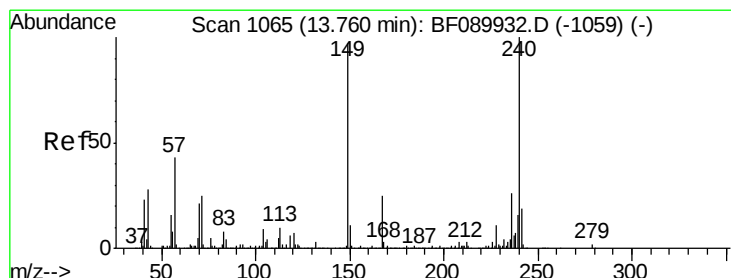
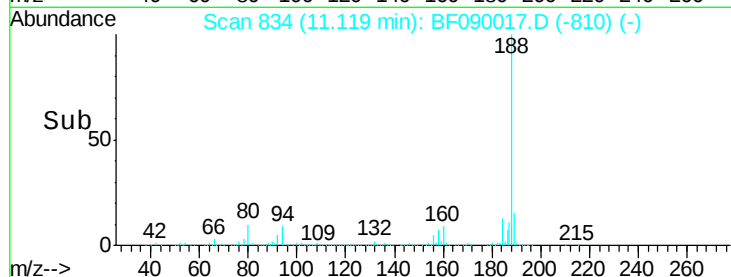
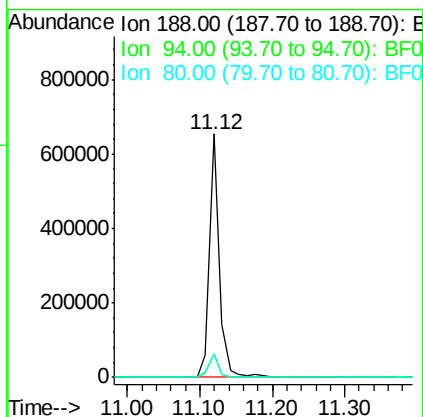
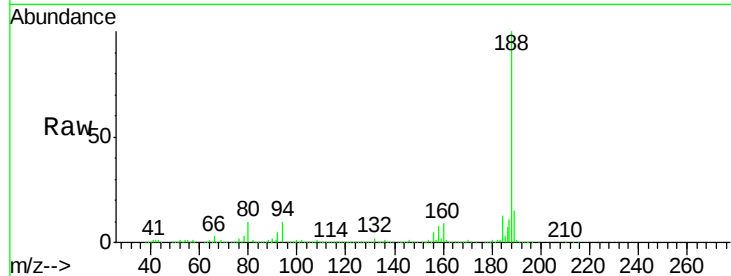




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090017.D
Acq: 7 Sep 2016 21:02

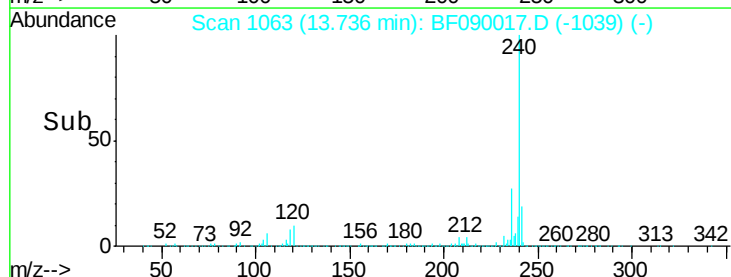
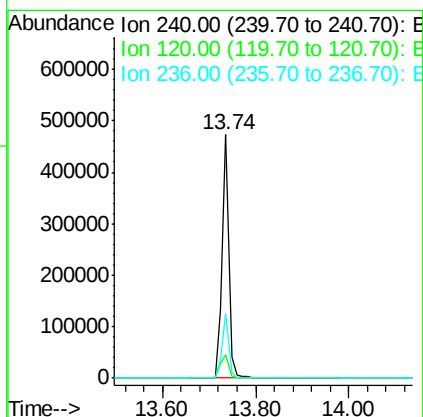
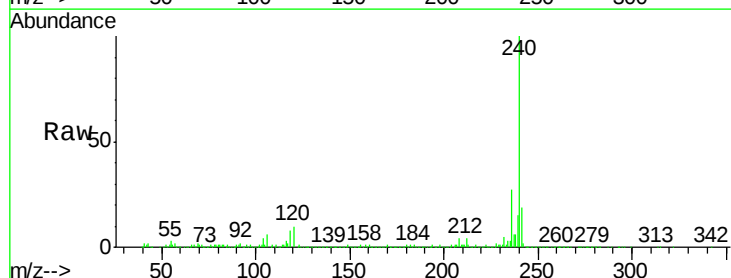
Instrument :
BNA_F
ClientSampleId :
SP-001

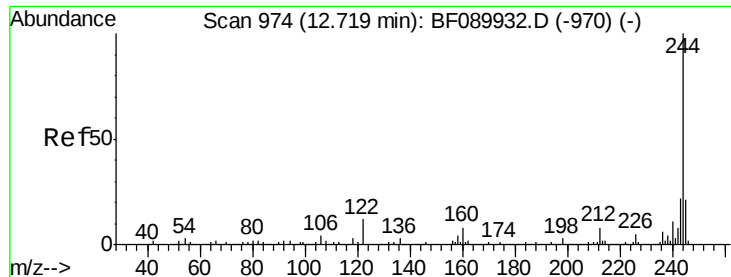
Tgt Ion:188 Resp: 624651
Ion Ratio Lower Upper
188 100
94 9.5 5.9 8.9#
80 9.7 5.8 8.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF090017.D
Acq: 7 Sep 2016 21:02

Tgt Ion:240 Resp: 456915
Ion Ratio Lower Upper
240 100
120 9.7 5.7 8.5#
236 26.7 21.3 31.9

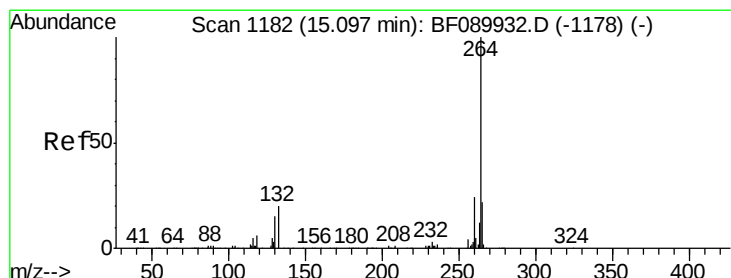
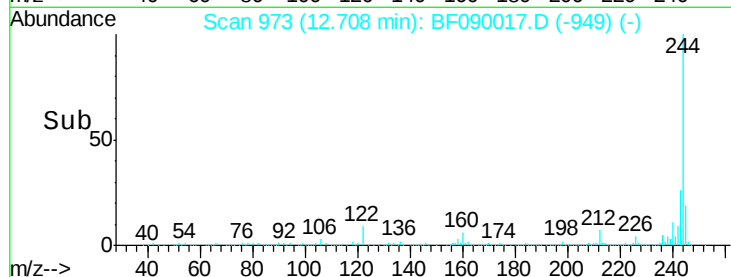
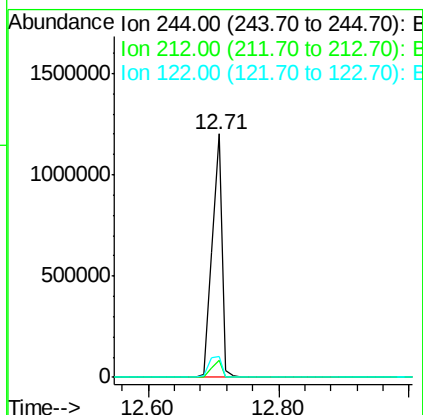
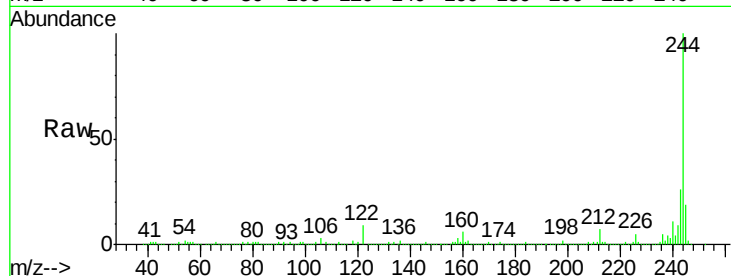




#78
 Terphenyl-d14
 Concen: 70.00 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF090017.D
 Acq: 7 Sep 2016 21:02

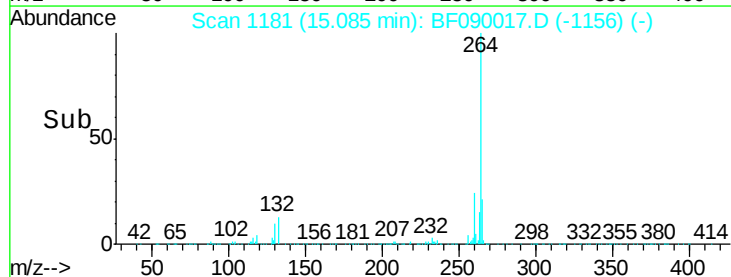
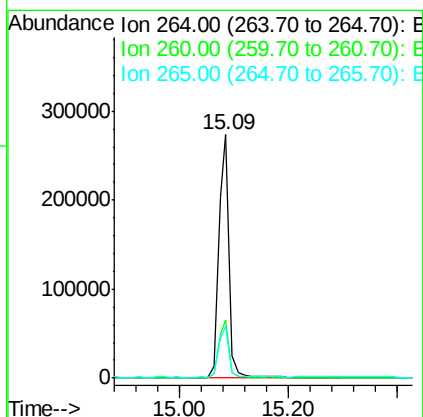
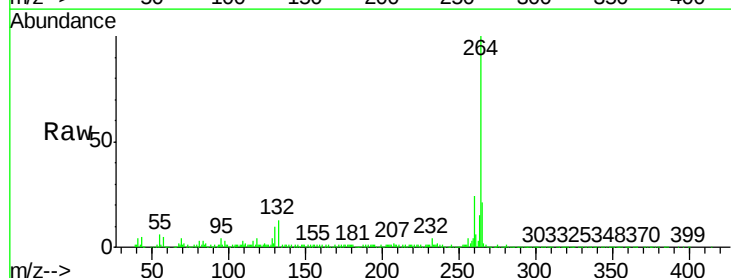
Instrument :
 BNA_F
 ClientSampleId :
 SP-001

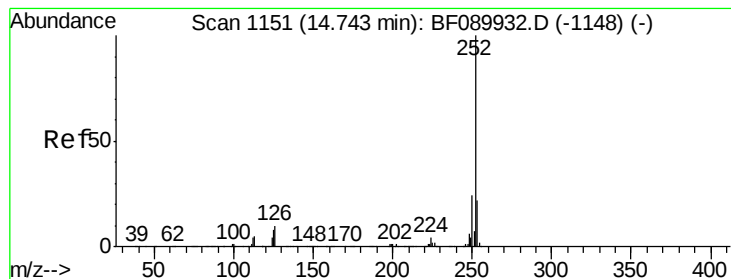
Tgt Ion:244 Resp: 1294695
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 8.6 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF090017.D
 Acq: 7 Sep 2016 21:02

Tgt Ion:264 Resp: 365806
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 21.2 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 2.26 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF090017.D

Acq: 7 Sep 2016 21:02

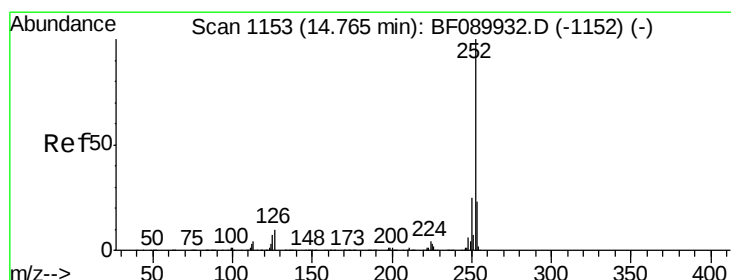
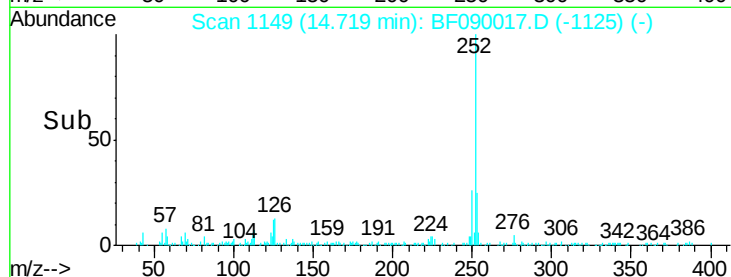
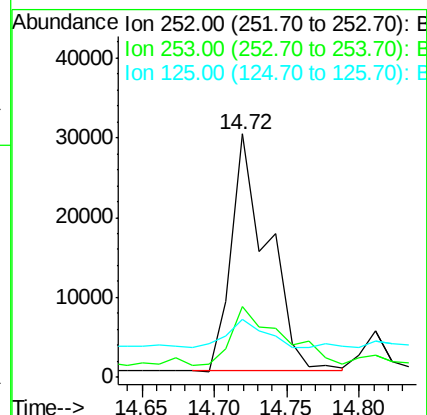
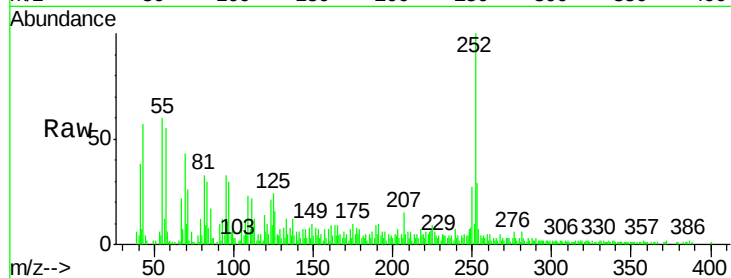
Instrument :

BNA_F

ClientSampleId :

SP-001

Tgt Ion:	252	Resp:	51811
Ion Ratio	Lower	Upper	
252	100		
253	29.0	18.0	27.0#
125	23.9	5.7	8.5#



#88

Benzo(k)fluoranthene

Concen: 2.66 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF090017.D

Acq: 7 Sep 2016 21:02

Tgt Ion:	252	Resp:	51811
Ion Ratio	Lower	Upper	
252	100		
253	29.0	17.8	26.8#
125	23.9	7.3	10.9#

