

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089986.D
 Acq On : 2 Sep 2016 20:29
 Operator : UM/SJ
 Sample : H4675-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-3

Quant Time: Sep 02 23:02:14 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

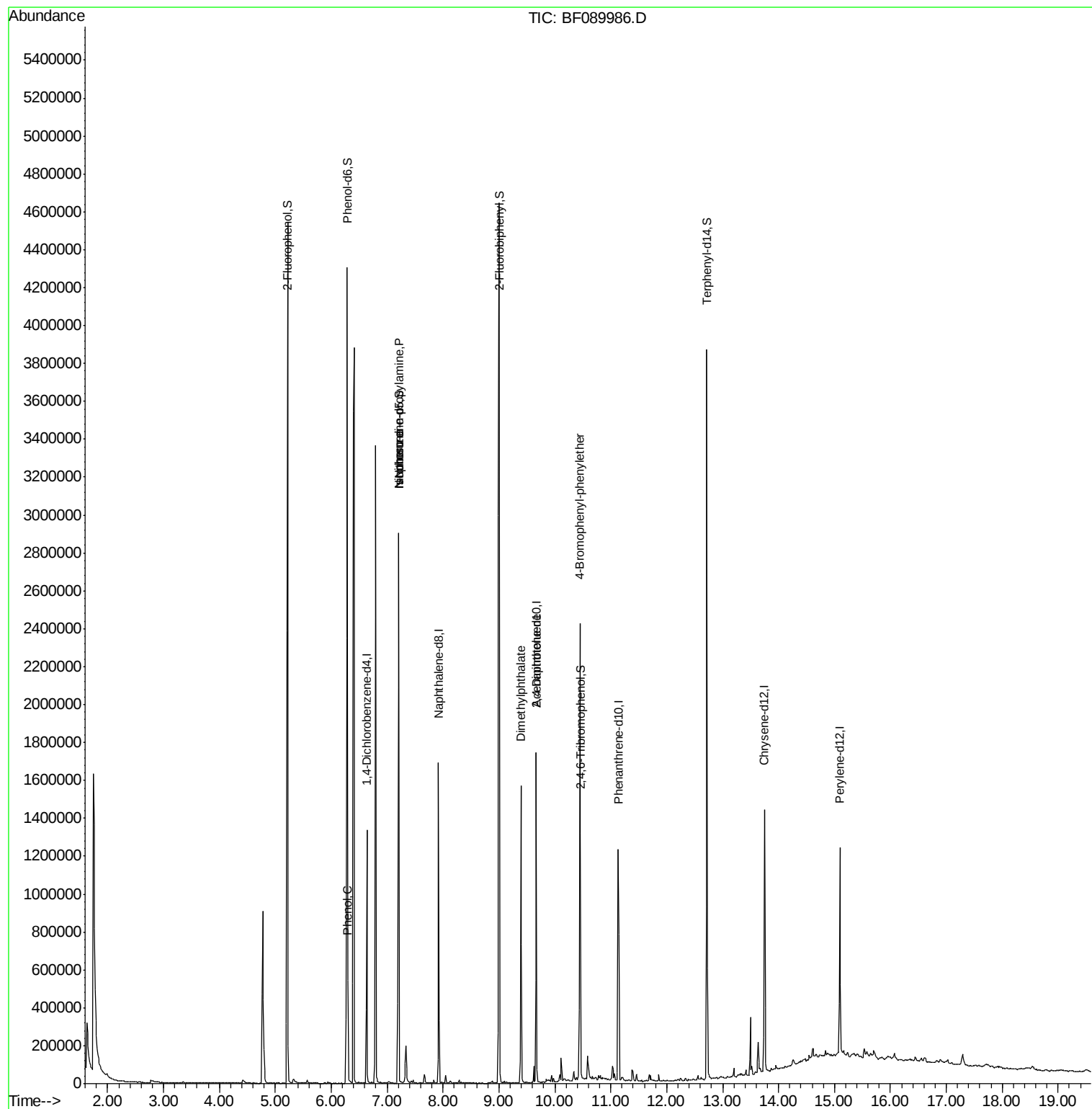
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	204659	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	730912	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	365095	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	586566	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	470858	20.00	ng	-0.01
86) Perylene-d12	15.10	264	464483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1441077	112.71	ng	0.01
7) Phenol-d6	6.28	99	1679464	108.10	ng	0.00
23) Nitrobenzene-d5	7.21	82	1230083	97.60	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	399109	110.80	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1889849	84.97	ng	0.00
78) Terphenyl-d14	12.72	244	1254658	65.82	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	81654	4.52	ng	# 63
19) n-Nitroso-di-n-propylamine	7.21	70	164975	16.29	ng	# 77
25) Isophorone	7.21	82	1132720	44.20	ng	# 65
49) Dimethylphthalate	9.39	163	781831	29.63	ng	100
56) 2,4-Dinitrotoluene	9.67	165	47681	6.41	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	24034	4.07	ng	# 1

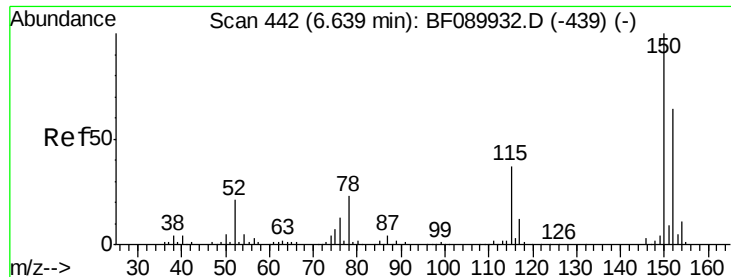
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_F
ClientSampleId :
TEMP-AB(0-2)-3

Quant Time: Sep 02 23:02:14 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: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF089986.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-3

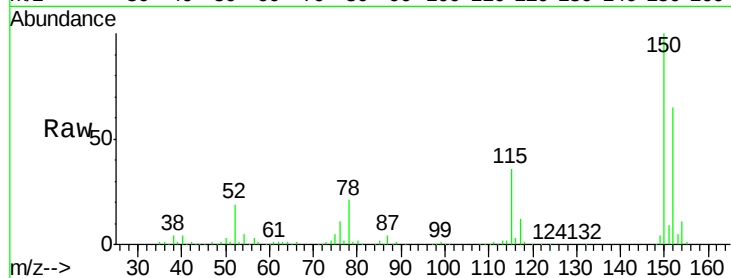
Tgt Ion:152 Resp: 204659

Ion Ratio Lower Upper

152 100

150 153.3 127.4 191.2

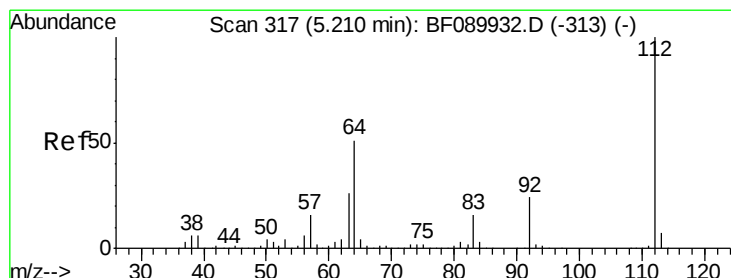
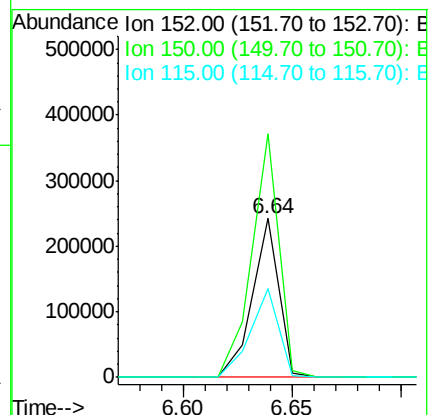
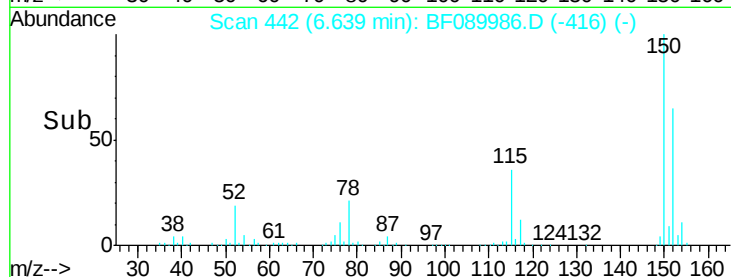
115 55.9 46.3 69.5



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: 112.71 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089986.D

Acq: 2 Sep 2016 20:29

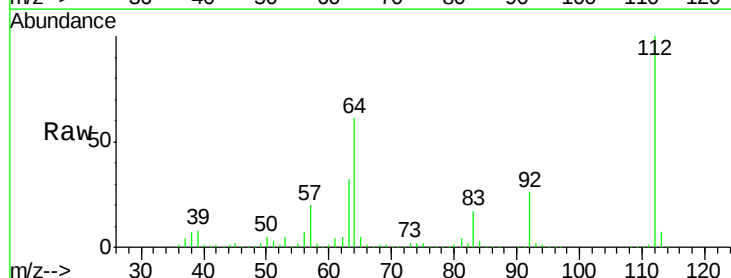
Tgt Ion:112 Resp: 1441077

Ion Ratio Lower Upper

112 100

64 60.9 41.1 61.7

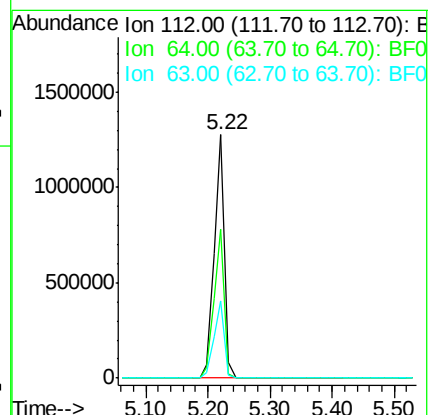
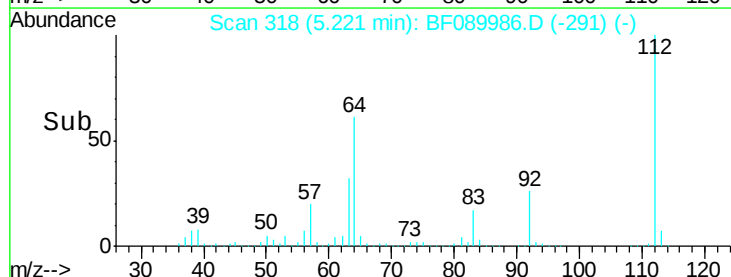
63 31.8 21.2 31.8#



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: 108.10 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF089986.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-3

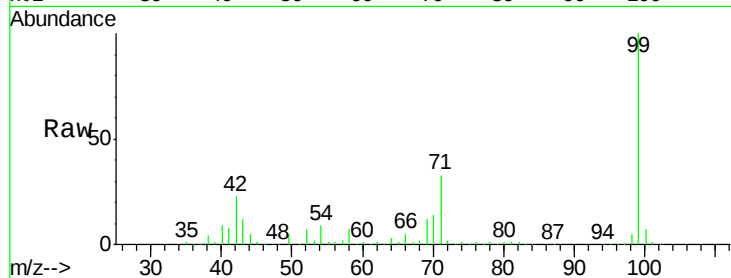
Tgt Ion: 99 Resp: 1679464

Ion Ratio Lower Upper

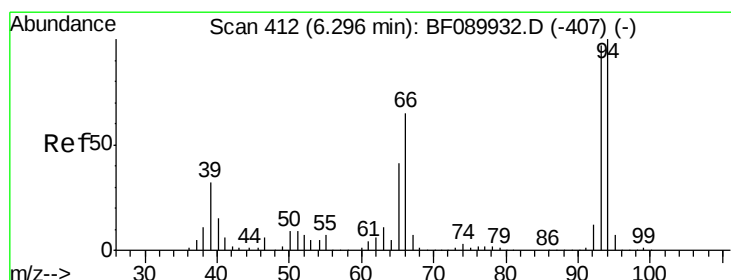
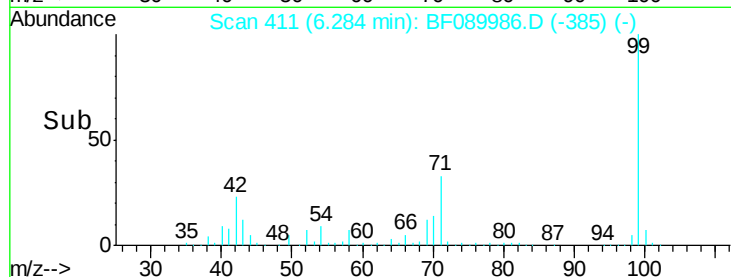
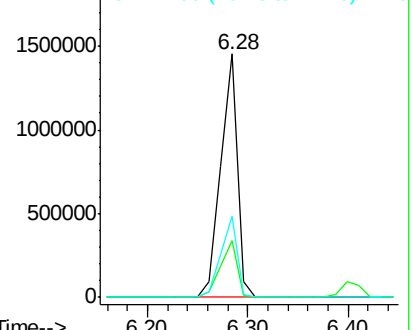
99 100

42 23.4 18.6 27.8

71 33.4 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



#10

Phenol

Concen: 4.52 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089986.D

Acq: 2 Sep 2016 20:29

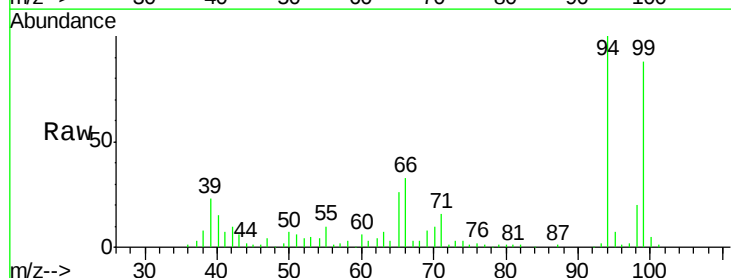
Tgt Ion: 94 Resp: 81654

Ion Ratio Lower Upper

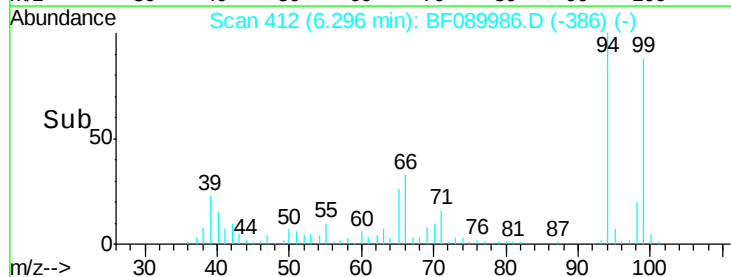
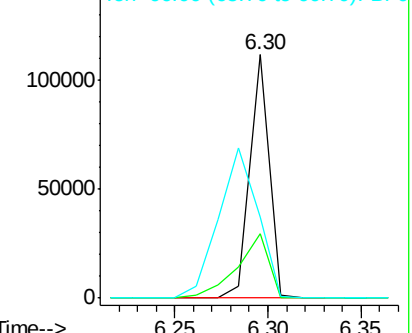
94 100

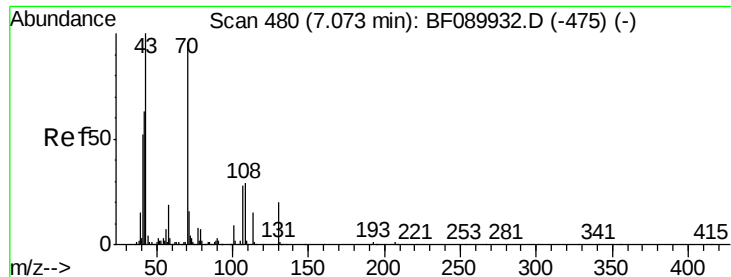
65 26.4 23.2 63.2

66 33.4 49.2 89.2#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

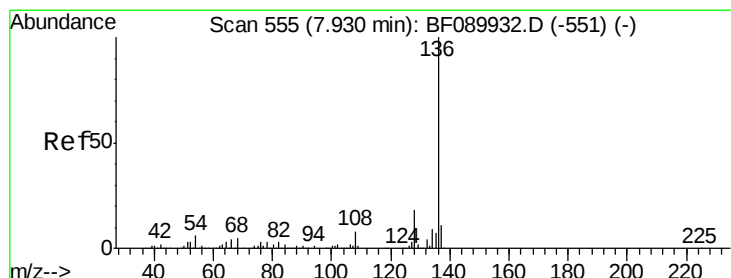
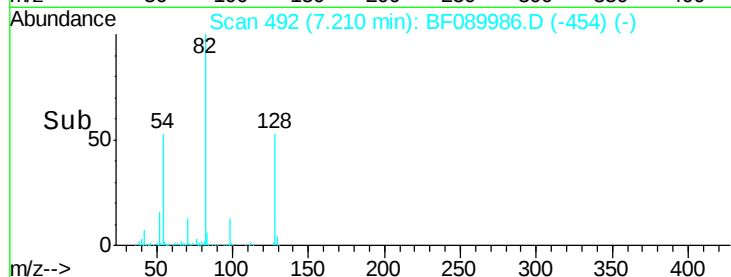
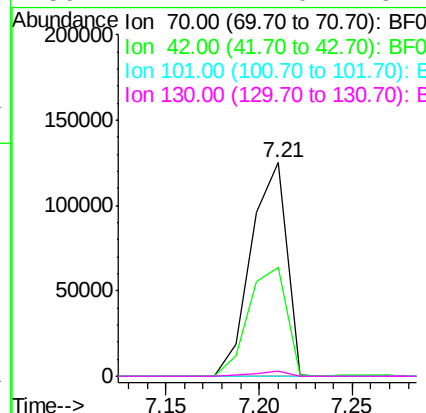
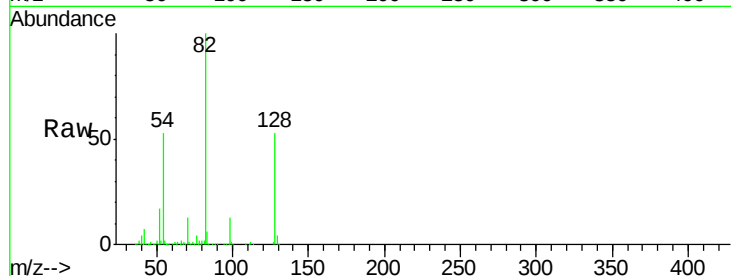




#19
n-Nitroso-di-n-propylamine
Concen: 16.29 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.14 min
Lab File: BF089986.D
Acq: 2 Sep 2016 20:29

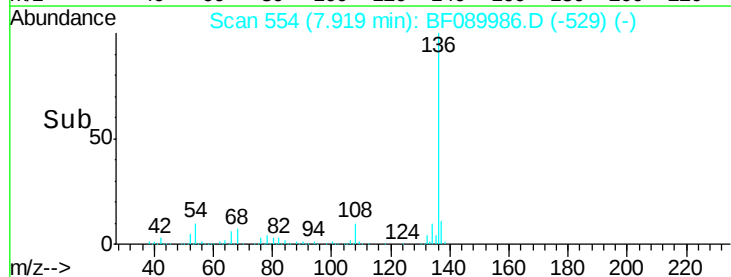
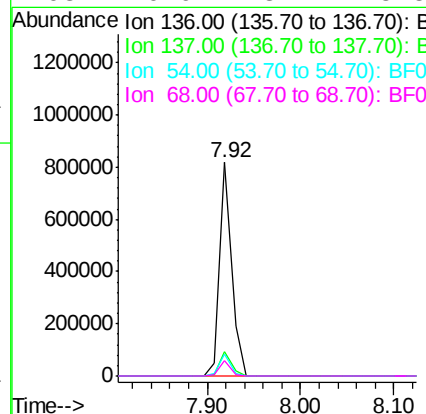
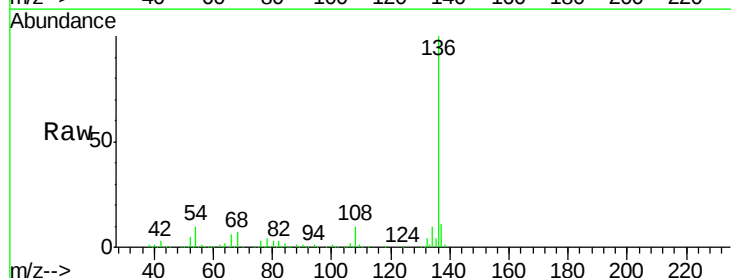
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-3

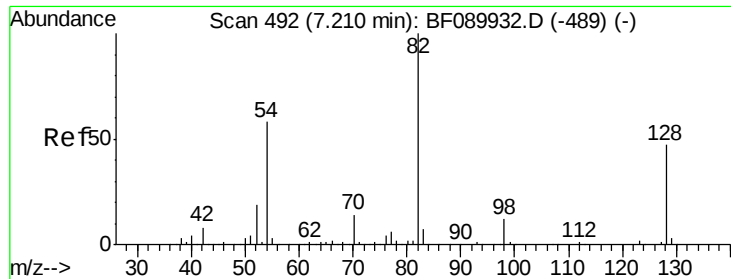
Tgt Ion: 70 Resp: 164975
Ion Ratio Lower Upper
70 100
42 51.2 52.1 78.1#
101 0.0 7.4 11.2#
130 2.4 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089986.D
Acq: 2 Sep 2016 20:29

Tgt Ion: 136 Resp: 730912
Ion Ratio Lower Upper
136 100
137 11.2 8.3 12.5
54 10.4 4.8 7.2#
68 6.9 3.7 5.5#

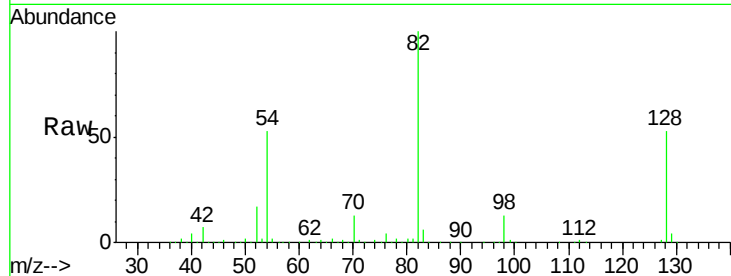




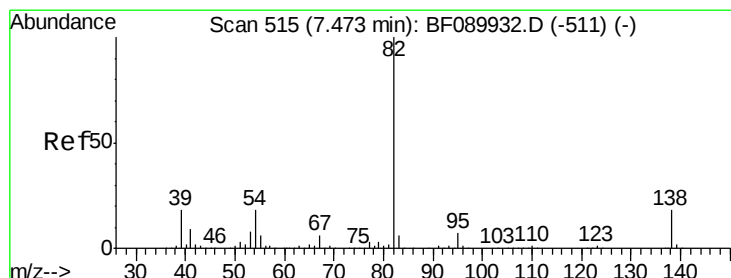
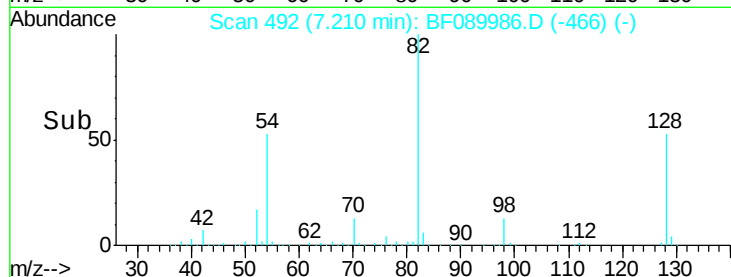
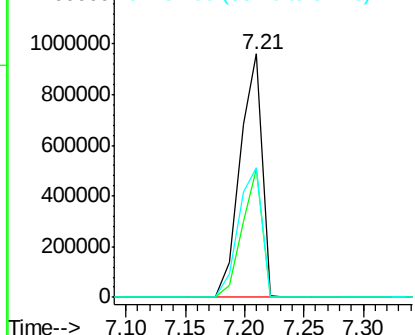
#23
 Nitrobenzene-d5
 Concen: 97.60 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF089986.D
 Acq: 2 Sep 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-3

Tgt Ion: 82 Resp: 1230083
 Ion Ratio Lower Upper
 82 100
 128 52.8 37.8 56.8
 54 53.4 46.9 70.3

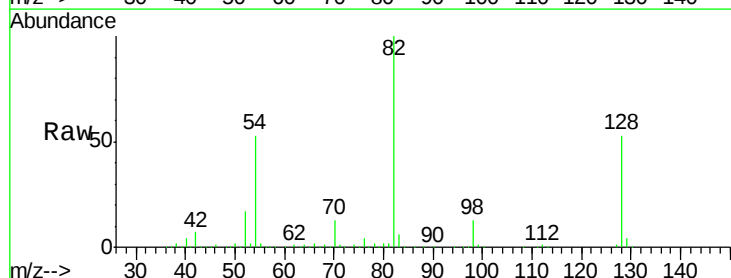


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

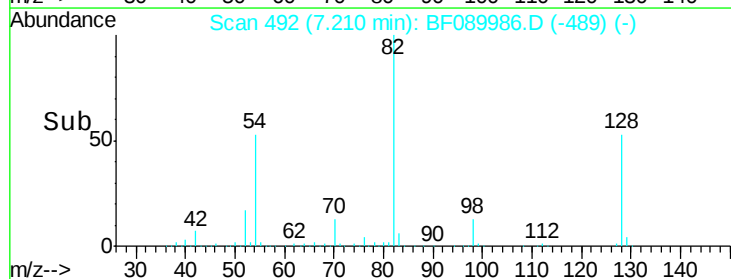
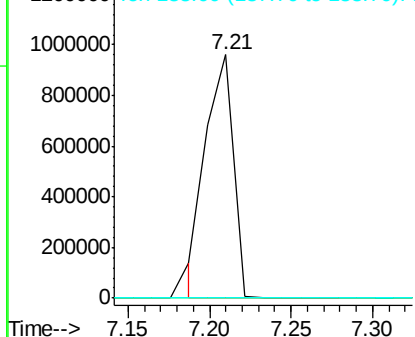


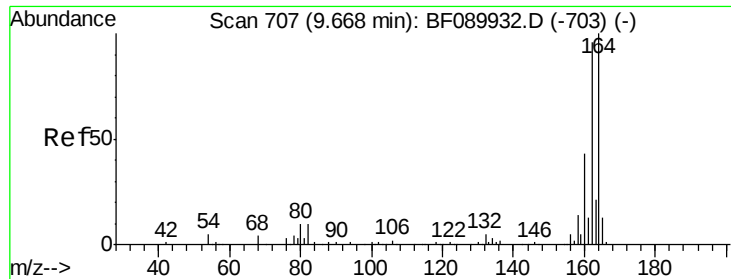
#25
 Isophorone
 Concen: 44.20 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.26 min
 Lab File: BF089986.D
 Acq: 2 Sep 2016 20:29

Tgt Ion: 82 Resp: 1132720
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 14.4 21.6#



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

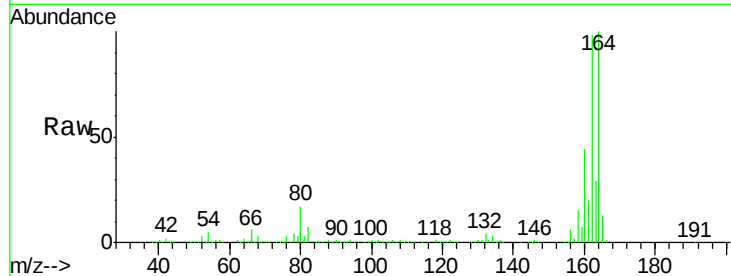




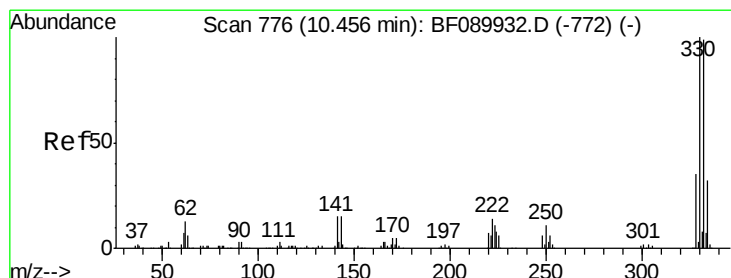
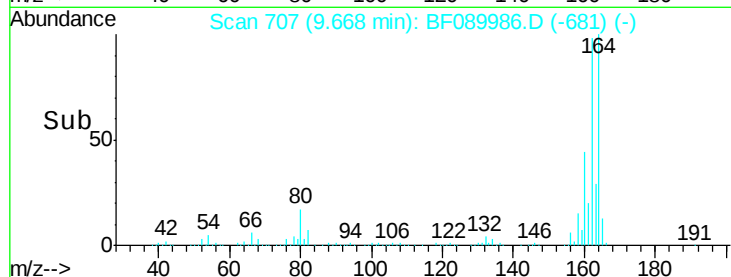
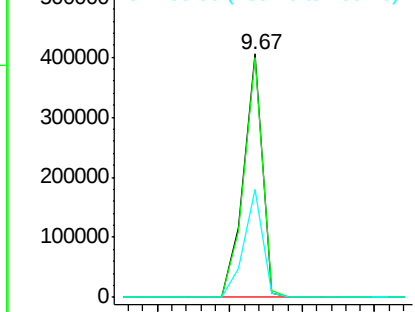
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF089986.D
 Acq: 2 Sep 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-3

Tgt Ion:164 Resp: 365095
 Ion Ratio Lower Upper
 164 100
 162 98.4 77.1 115.7
 160 44.4 35.3 52.9

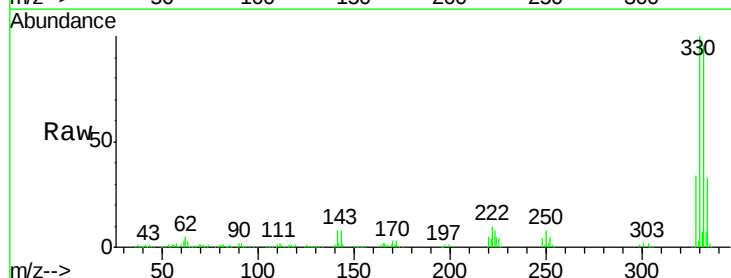


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

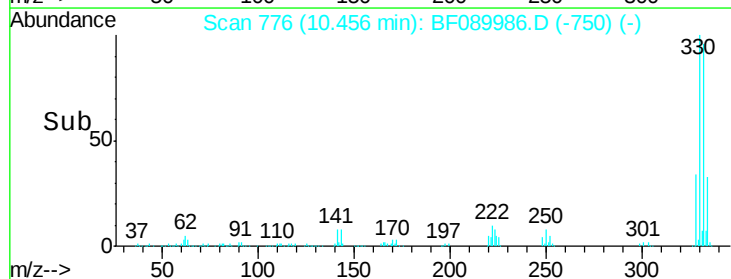
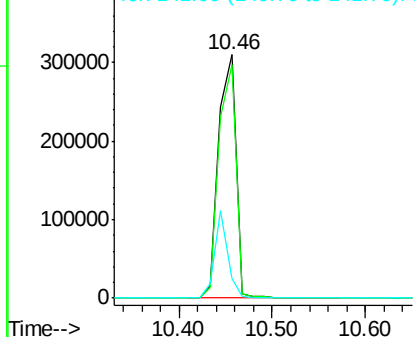


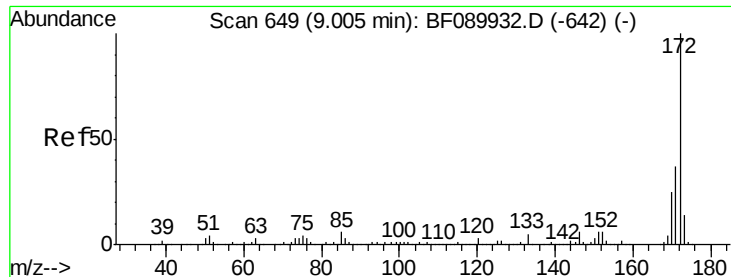
#41
 2,4,6-Tribromophenol
 Concen: 110.80 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF089986.D
 Acq: 2 Sep 2016 20:29

Tgt Ion:330 Resp: 399109
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.6 117.8
 141 27.4 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

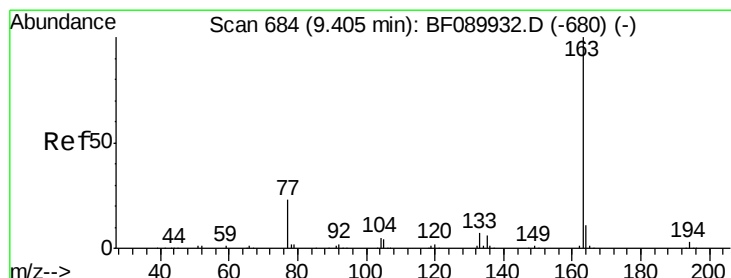
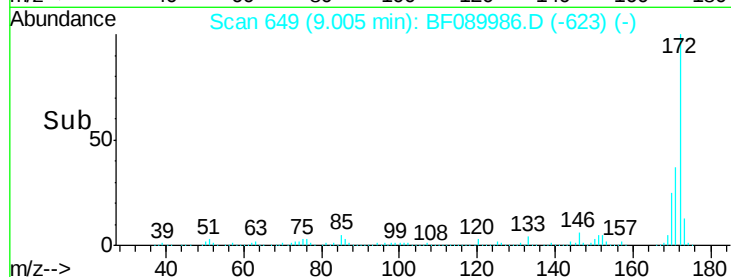
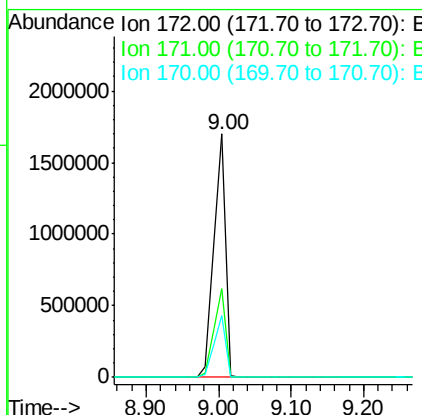
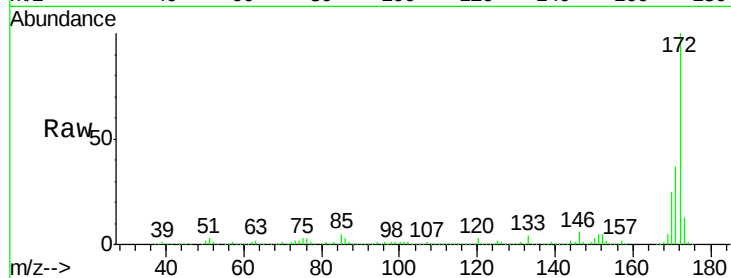




#44
 2-Fluorobiphenyl
 Concen: 84.97 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089986.D
 Acq: 2 Sep 2016 20:29

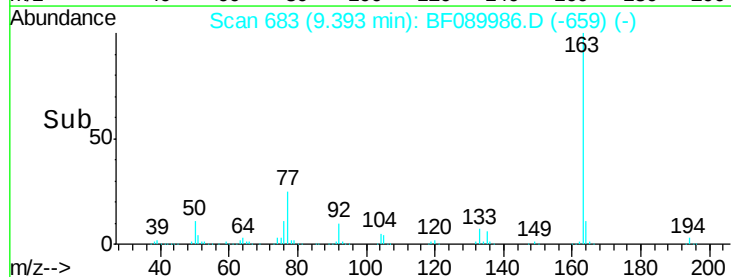
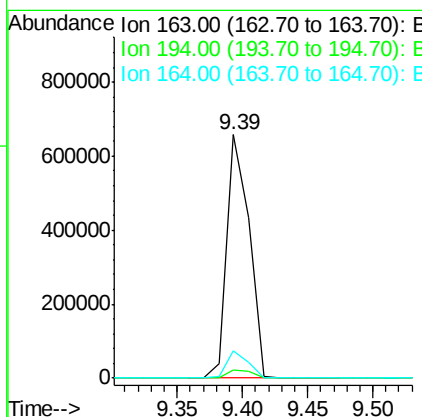
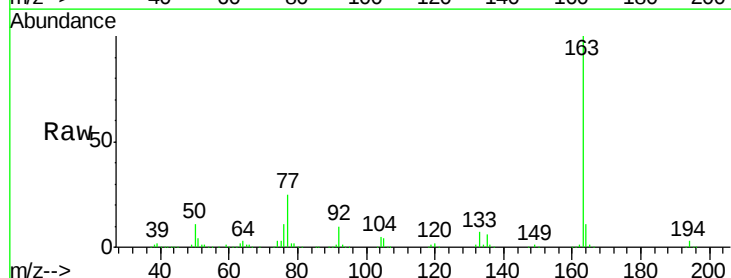
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-3

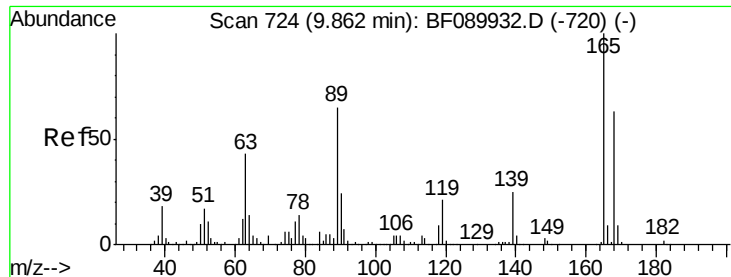
Tgt Ion:172 Resp: 1889849
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 25.2 20.1 30.1



#49
 Dimethylphthalate
 Concen: 29.63 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF089986.D
 Acq: 2 Sep 2016 20:29

Tgt Ion:163 Resp: 781831
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 11.3 9.0 13.4

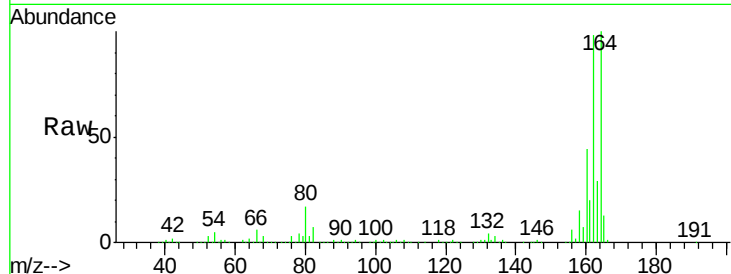




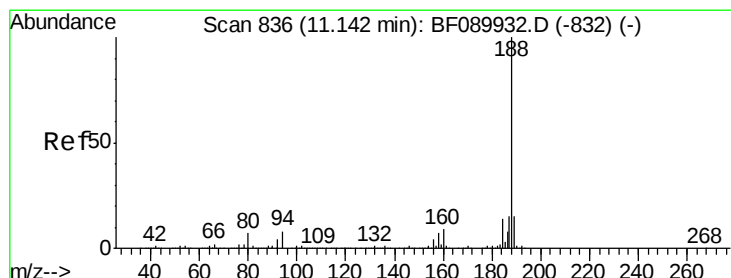
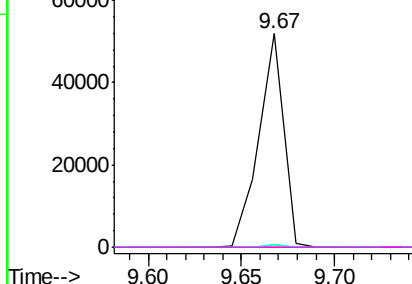
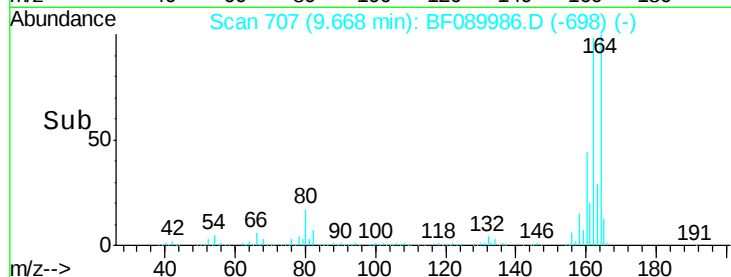
#56
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089986.D
Acq: 2 Sep 2016 20:29

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-3

Tgt Ion:165 Resp: 47681
Ion Ratio Lower Upper
165 100
63 1.1 32.5 48.7#
89 1.2 48.3 72.5#
182 0.0 1.7 2.5#

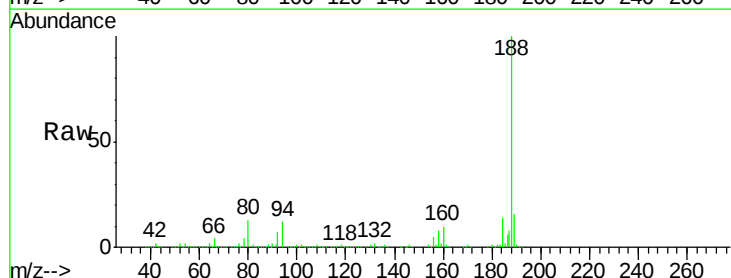


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

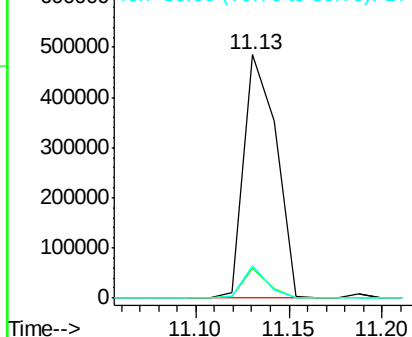
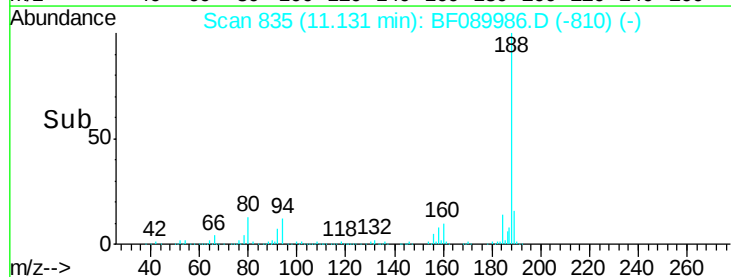


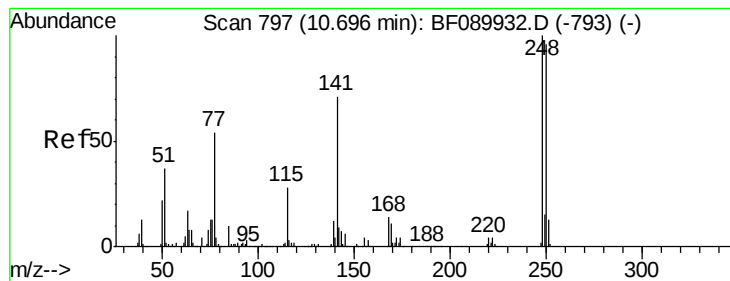
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089986.D
Acq: 2 Sep 2016 20:29

Tgt Ion:188 Resp: 586566
Ion Ratio Lower Upper
188 100
94 12.3 5.9 8.9#
80 13.3 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





#66

4-Bromophenyl-phenylether

Concen: 4.07 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF089986.D

Acq: 2 Sep 2016 20:29

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-3

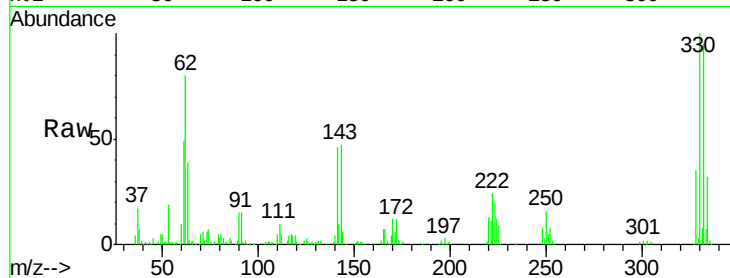
Tgt Ion:248 Resp: 24034

Ion Ratio Lower Upper

248 100

250 203.5 77.3 115.9#

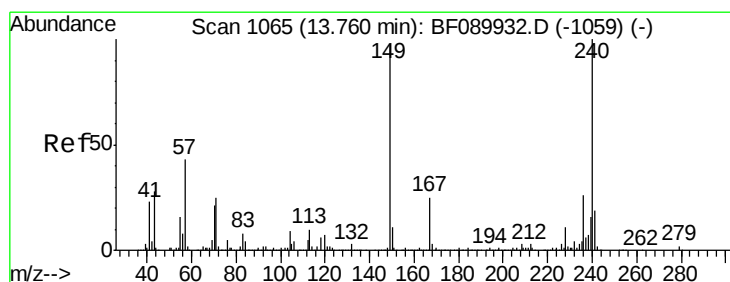
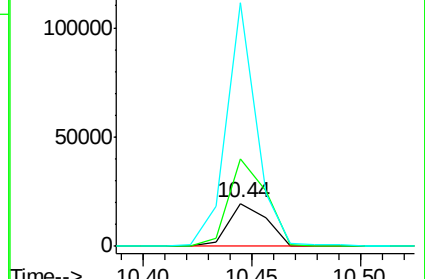
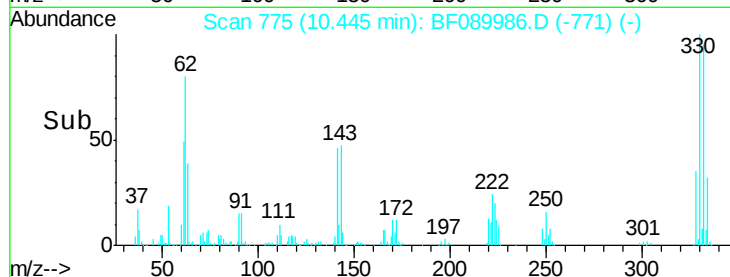
141 566.1 55.8 83.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089986.D

Acq: 2 Sep 2016 20:29

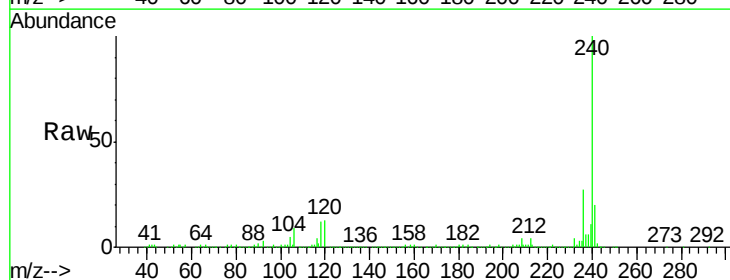
Tgt Ion:240 Resp: 470858

Ion Ratio Lower Upper

240 100

120 13.5 5.7 8.5#

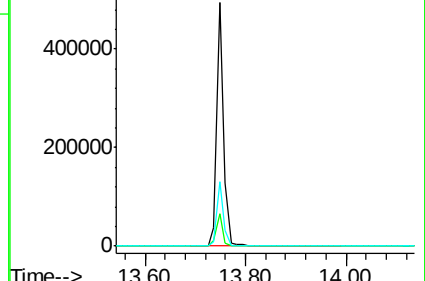
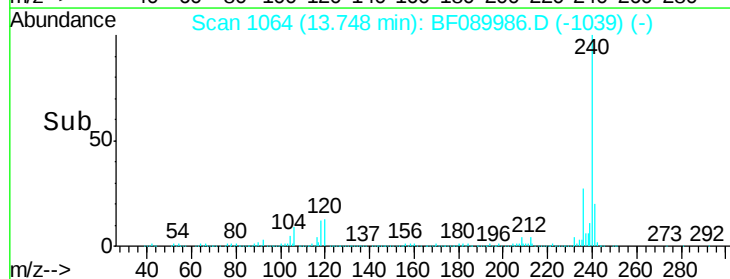
236 26.5 21.3 31.9

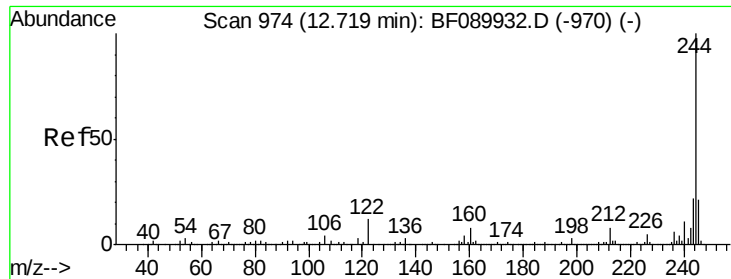


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

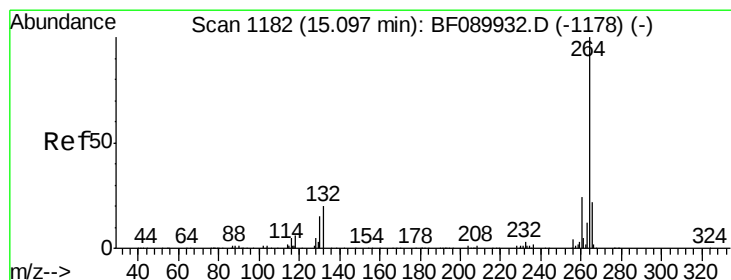
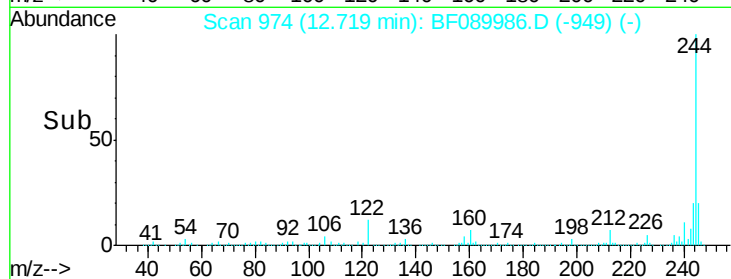
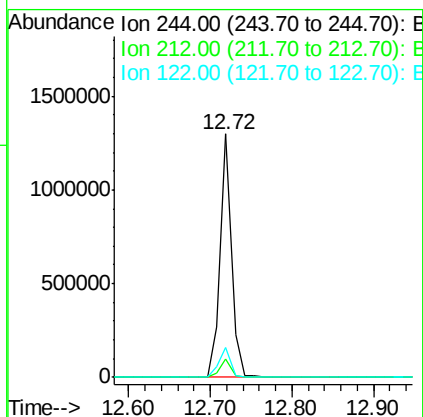
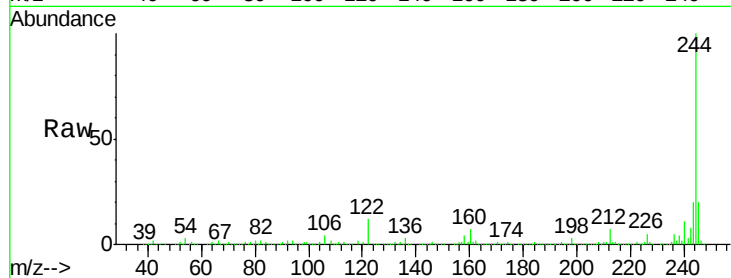




#78
 Terphenyl-d14
 Concen: 65.82 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF089986.D
 Acq: 2 Sep 2016 20:29

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-3

Tgt Ion:244 Resp: 1254658
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF089986.D
 Acq: 2 Sep 2016 20:29

Tgt Ion:264 Resp: 464483
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 22.0 17.4 26.2

