

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089984.D
 Acq On : 2 Sep 2016 19:33
 Operator : UM/SJ
 Sample : H4675-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-1

Quant Time: Sep 02 23:01:52 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

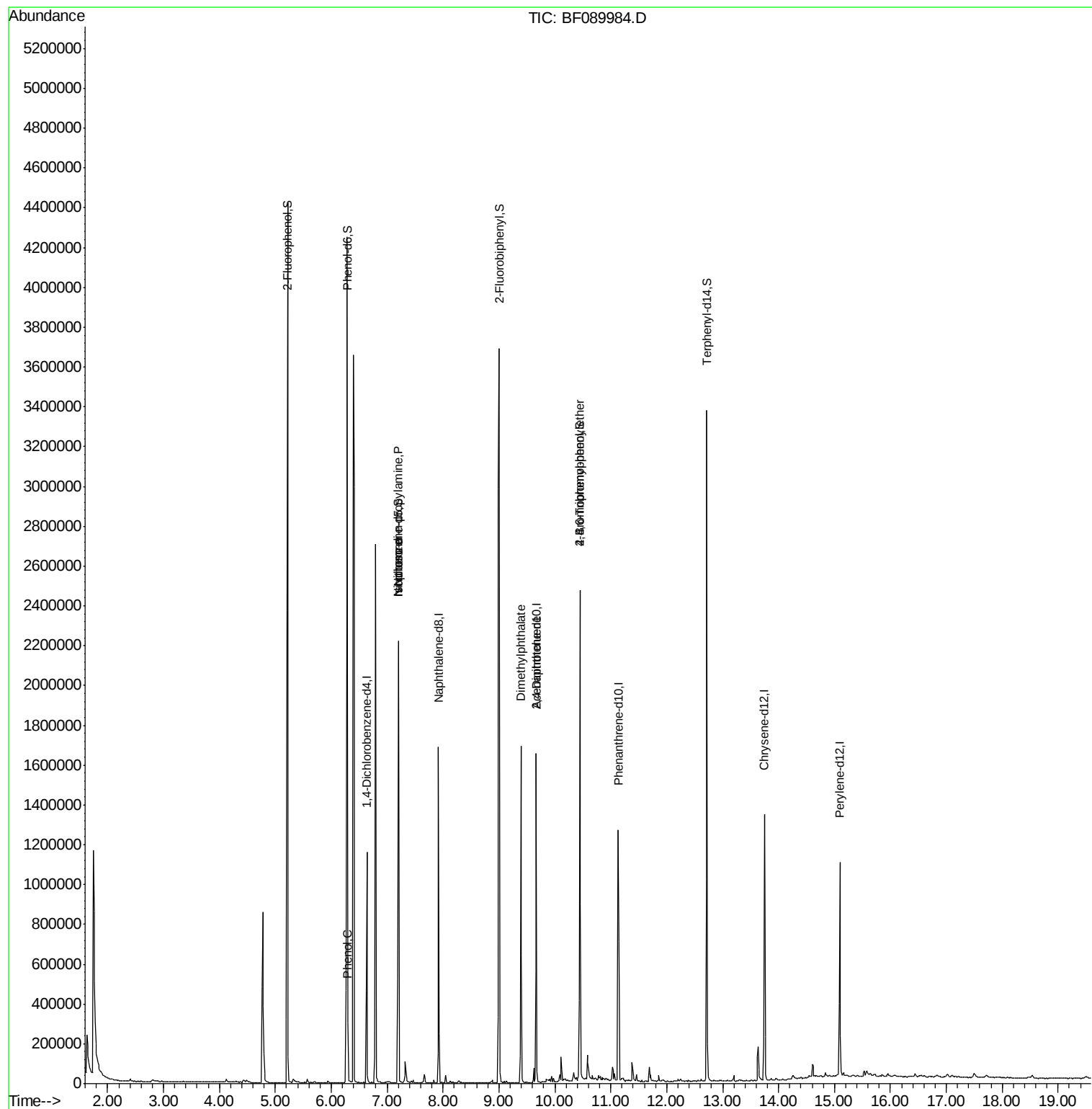
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190352	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	713061	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	353381	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	578210	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	442796	20.00	ng	-0.01
86) Perylene-d12	15.10	264	432924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1396057	117.39	ng	0.01
7) Phenol-d6	6.28	99	1702691	117.83	ng	0.00
23) Nitrobenzene-d5	7.20	82	1106317	89.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	344302	98.76	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1711565	79.51	ng	0.00
78) Terphenyl-d14	12.72	244	1085066	60.53	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	67158	4.00	ng	# 57
19) n-Nitroso-di-n-propylamine	7.20	70	145785	15.48	ng	# 84
25) Isophorone	7.20	82	984121	39.36	ng	# 65
49) Dimethylphthalate	9.39	163	792774	31.04	ng	99
56) 2,4-Dinitrotoluene	9.67	165	45032	6.25	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	21351	3.67	ng	# 1

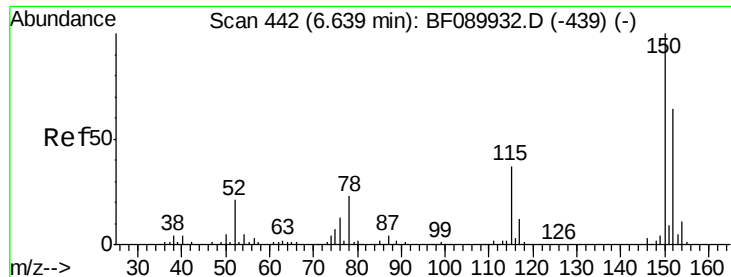
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089984.D

Acq: 2 Sep 2016 19:33

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-1

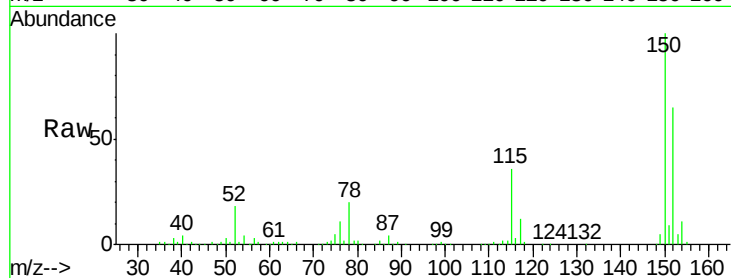
Tgt Ion:152 Resp: 190352

Ion Ratio Lower Upper

152 100

150 153.7 127.4 191.2

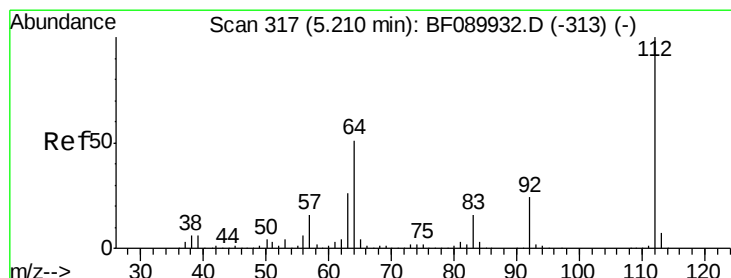
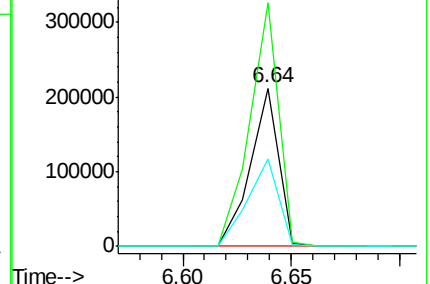
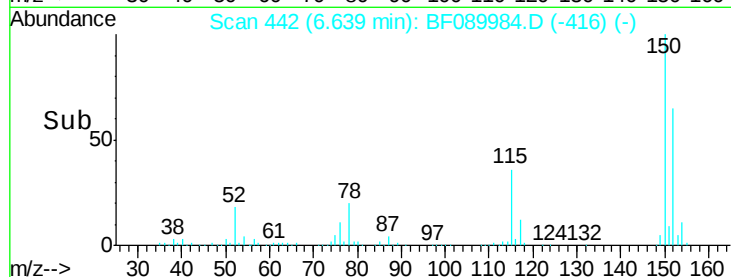
115 54.9 46.3 69.5



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: 117.39 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

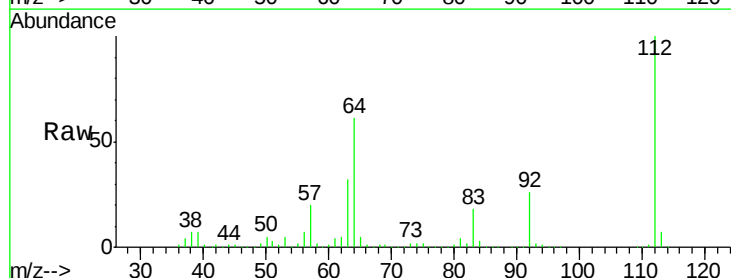
Tgt Ion:112 Resp: 1396057

Ion Ratio Lower Upper

112 100

64 61.0 41.1 61.7

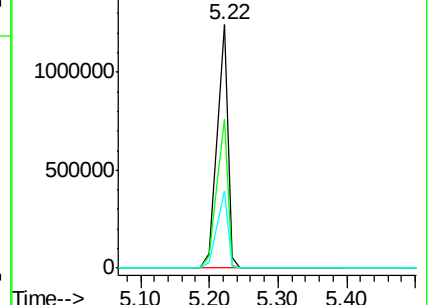
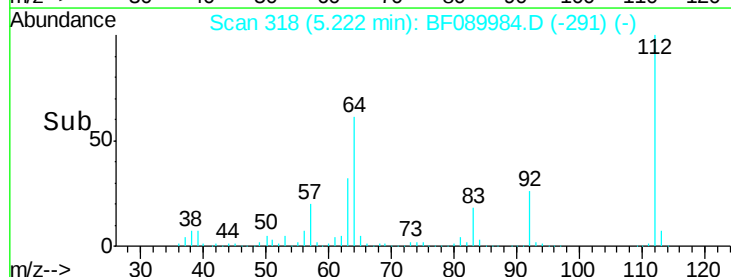
63 31.7 21.2 31.8

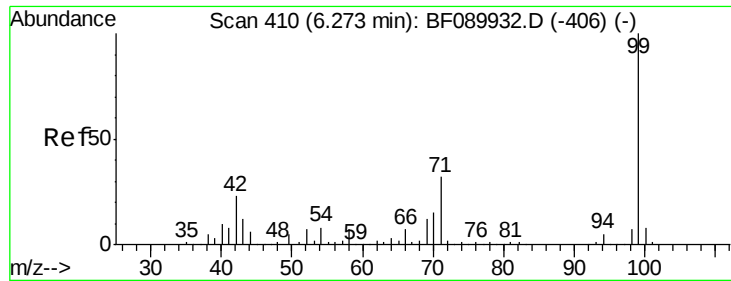


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.83 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-1

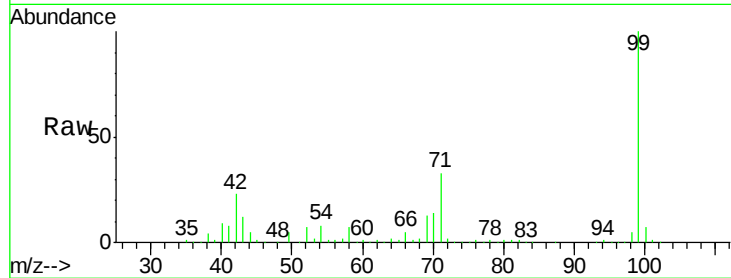
Tgt Ion: 99 Resp: 1702691

Ion Ratio Lower Upper

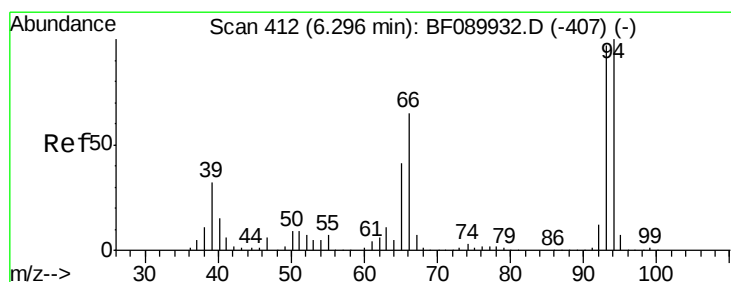
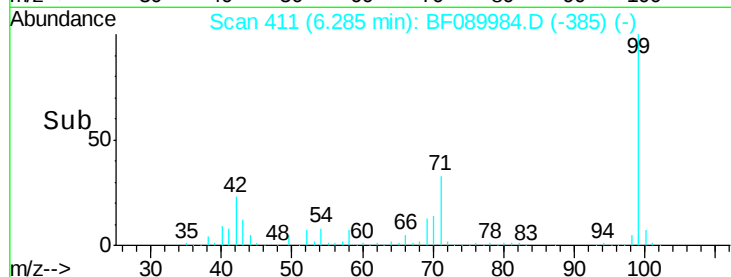
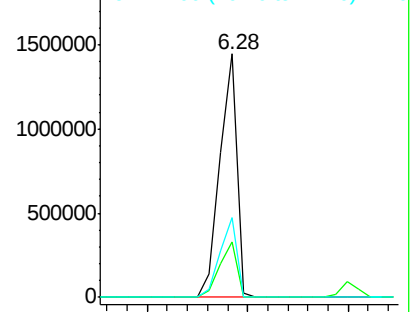
99 100

42 22.8 18.6 27.8

71 33.0 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



#10

Phenol

Concen: 4.00 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

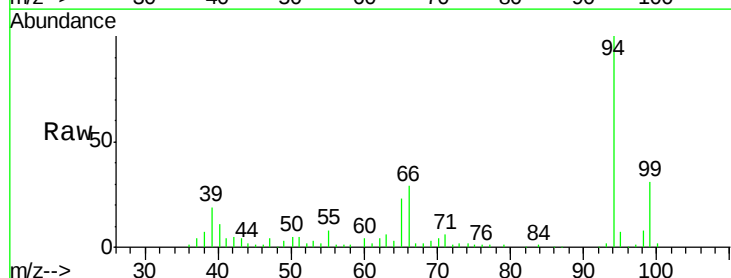
Tgt Ion: 94 Resp: 67158

Ion Ratio Lower Upper

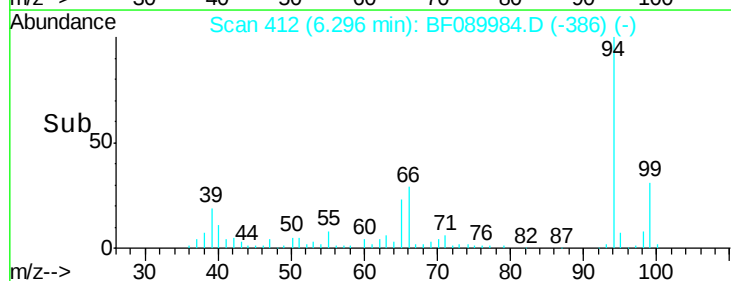
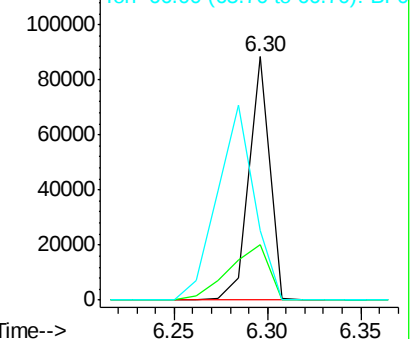
94 100

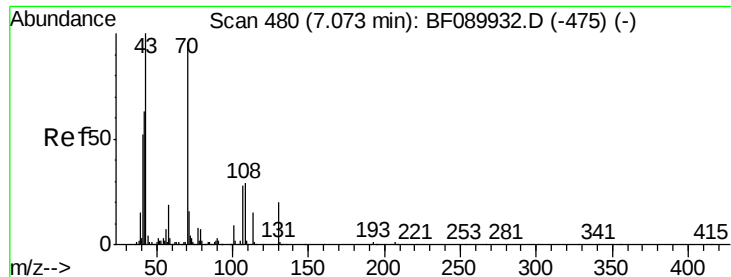
65 23.0 23.2 63.2#

66 28.7 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

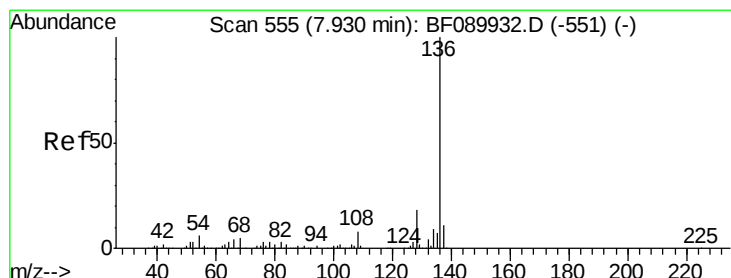
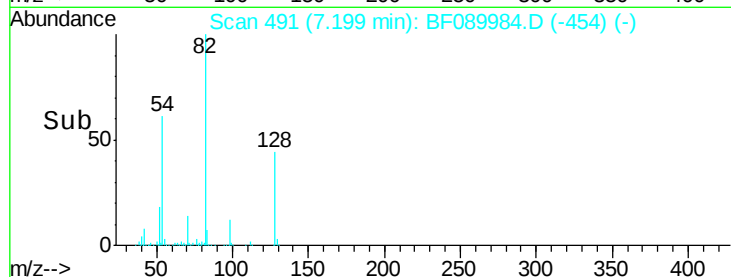
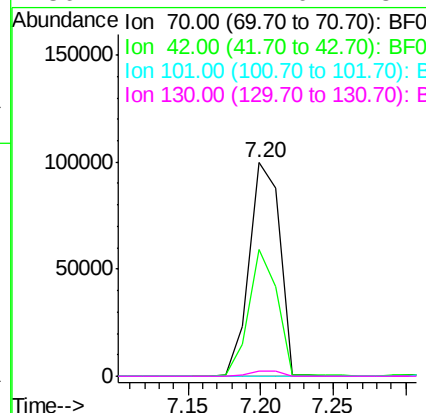
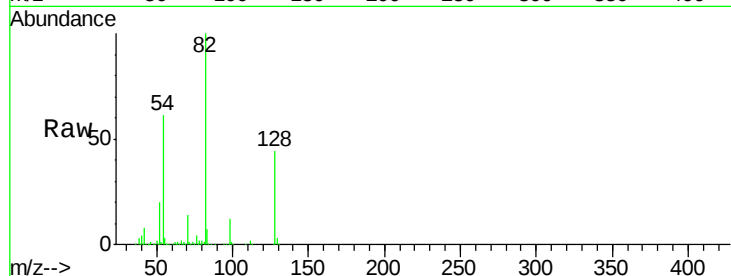




#19
n-Nitroso-di-n-propylamine
Concen: 15.48 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.13 min
Lab File: BF089984.D
Acq: 2 Sep 2016 19:33

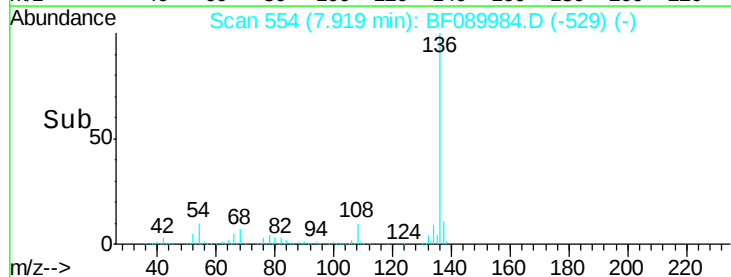
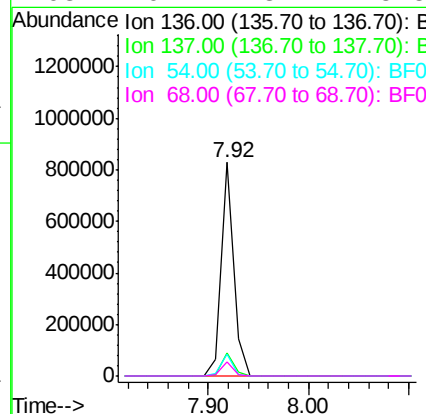
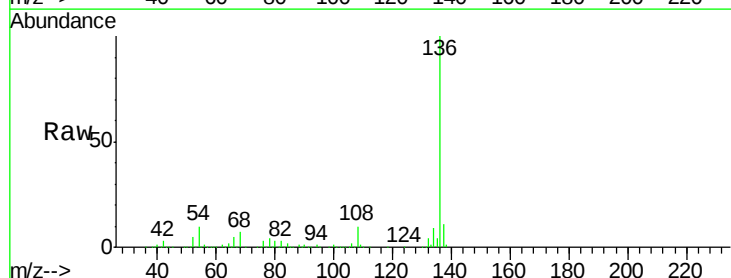
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-1

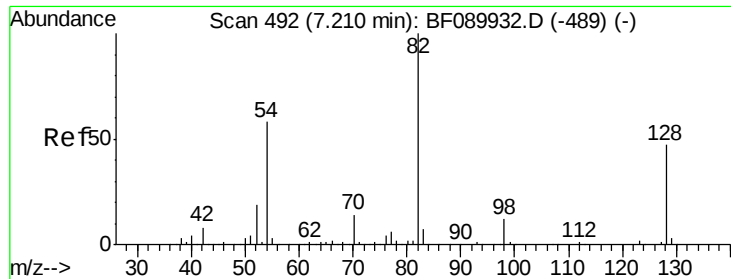
Tgt Ion:	70	Resp:	145785
Ion	Ratio	Lower	Upper
70	100		
42	59.6	52.1	78.1
101	0.0	7.4	11.2#
130	2.2	17.0	25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089984.D
Acq: 2 Sep 2016 19:33

Tgt Ion:	136	Resp:	713061
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.3	12.5
54	10.0	4.8	7.2#
68	6.7	3.7	5.5#

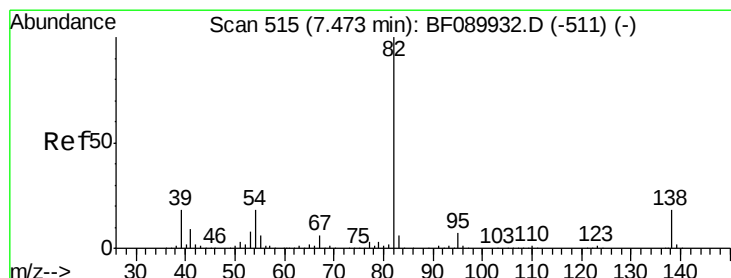
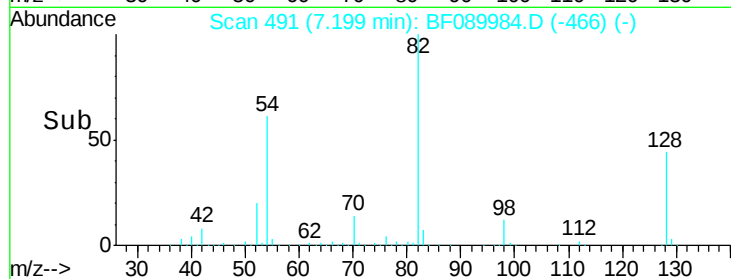
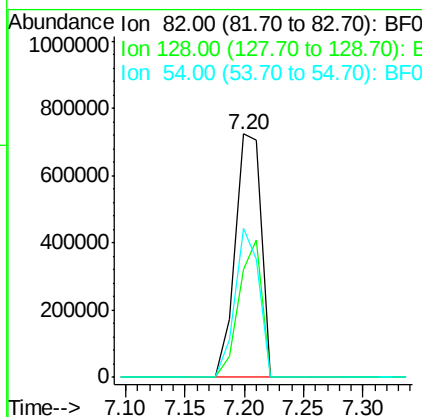
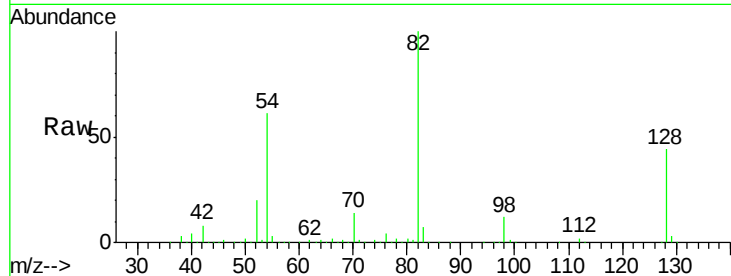




#23
 Nitrobenzene-d5
 Concen: 89.98 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

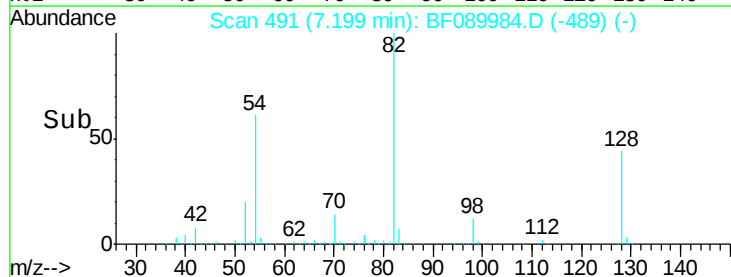
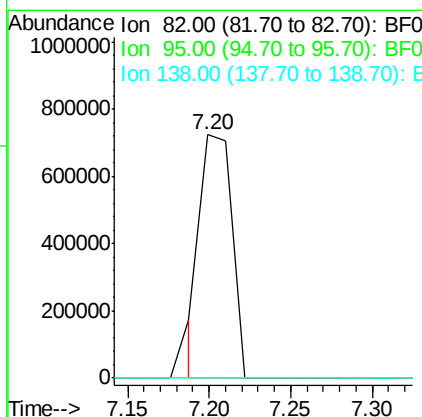
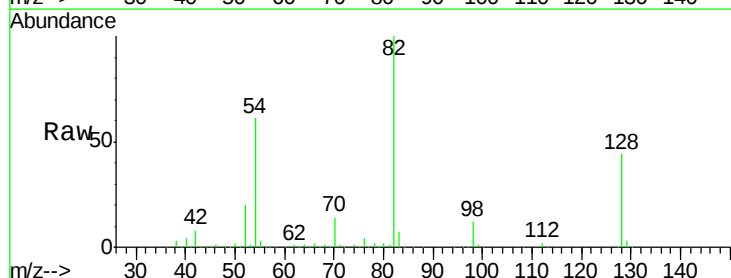
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-1

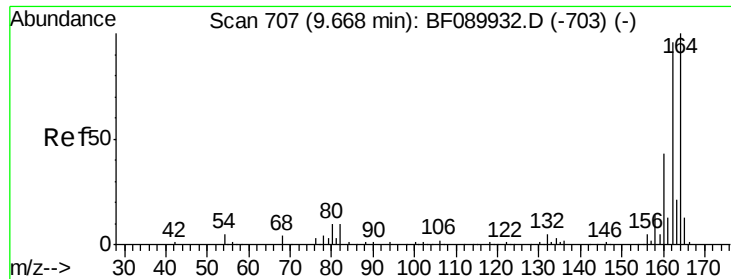
Tgt Ion: 82 Resp: 1106317
 Ion Ratio Lower Upper
 82 100
 128 44.3 37.8 56.8
 54 61.4 46.9 70.3



#25
 Isophorone
 Concen: 39.36 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.27 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Tgt Ion: 82 Resp: 984121
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 14.4 21.6#

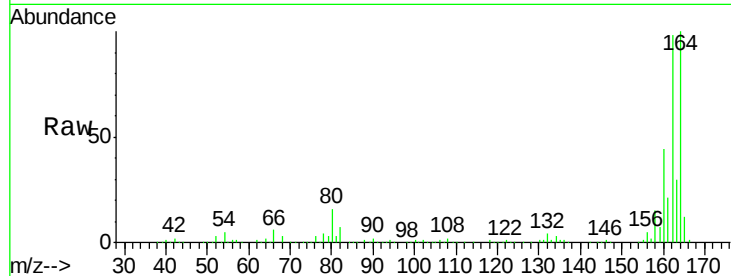




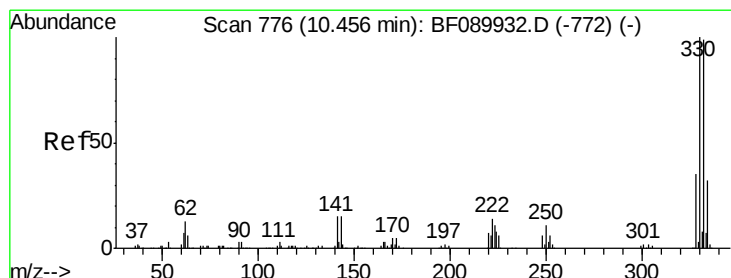
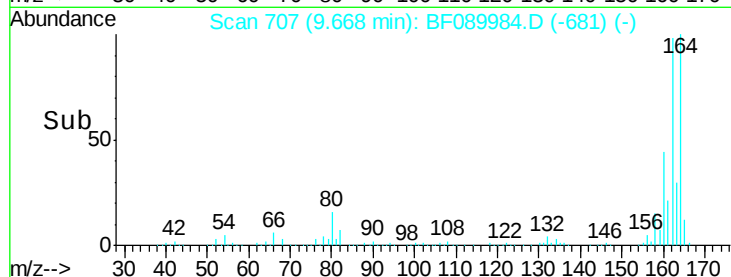
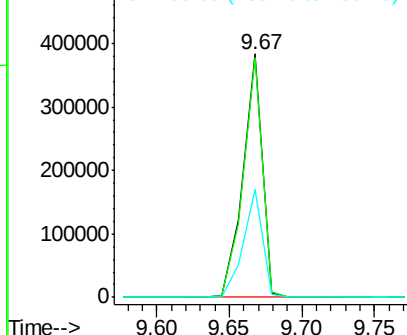
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-1

Tgt Ion:164 Resp: 353381
 Ion Ratio Lower Upper
 164 100
 162 98.4 77.1 115.7
 160 44.5 35.3 52.9

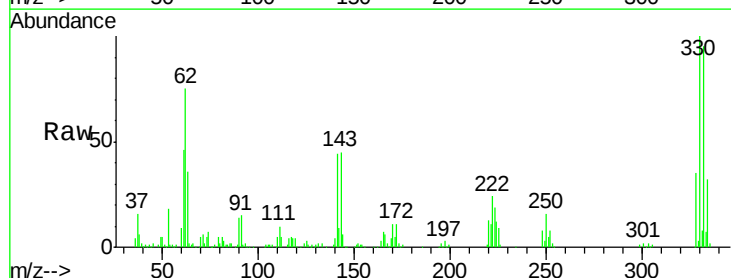


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

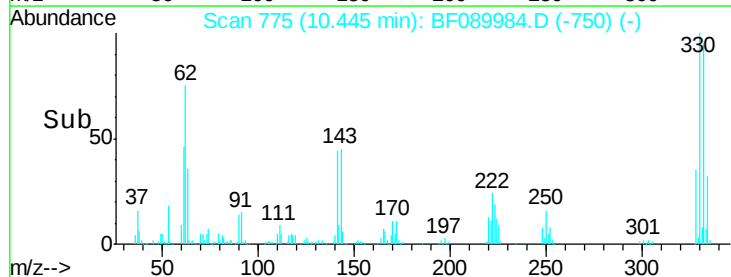
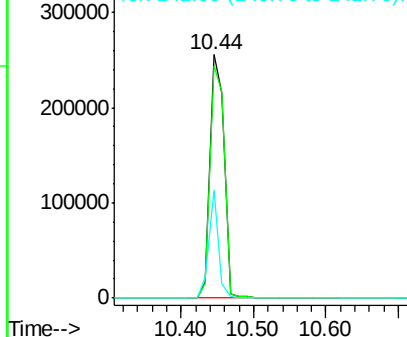


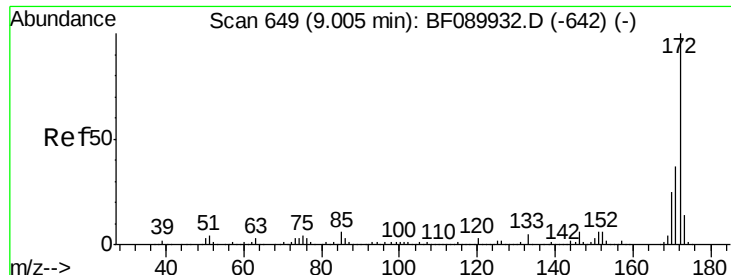
#41
 2,4,6-Tribromophenol
 Concen: 98.76 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Tgt Ion:330 Resp: 344302
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.6 117.8
 141 30.7 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

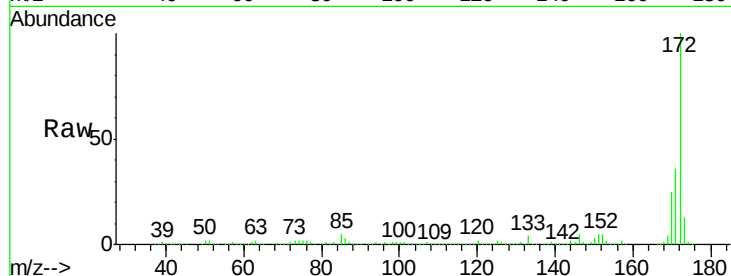




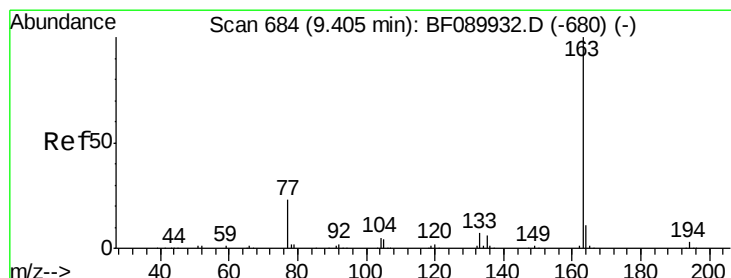
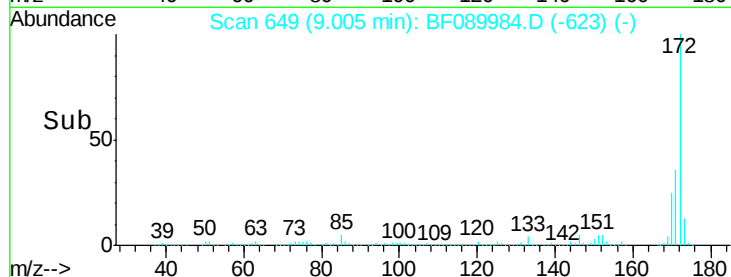
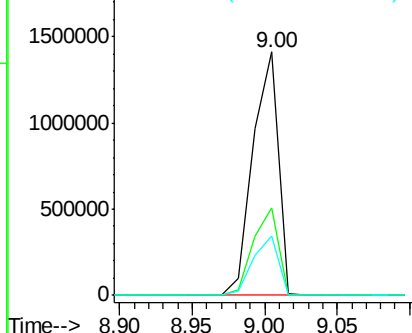
#44
 2-Fluorobiphenyl
 Concen: 79.51 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-1

Tgt Ion:172 Resp: 1711565
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.6 20.1 30.1

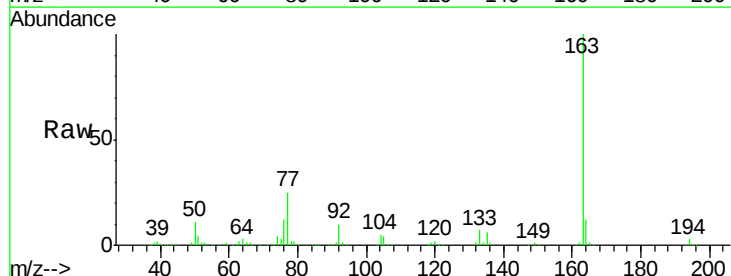


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

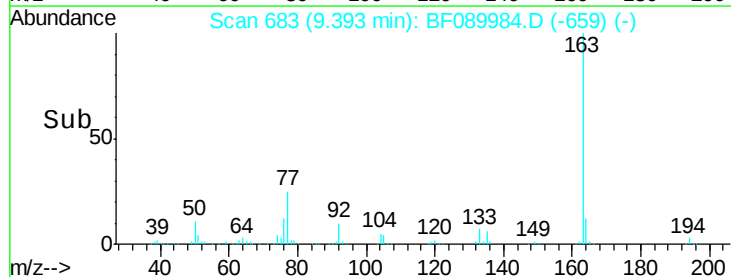
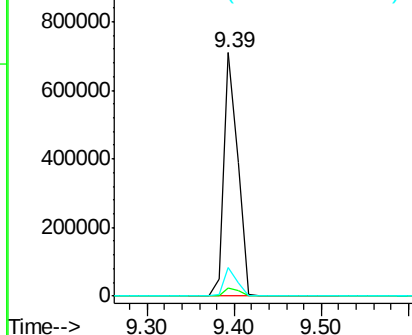


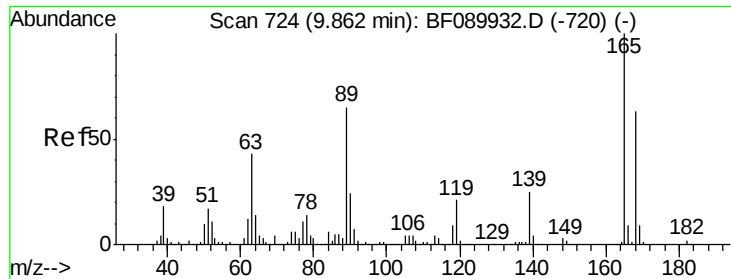
#49
 Dimethylphthalate
 Concen: 31.04 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Tgt Ion:163 Resp: 792774
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 11.5 9.0 13.4



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

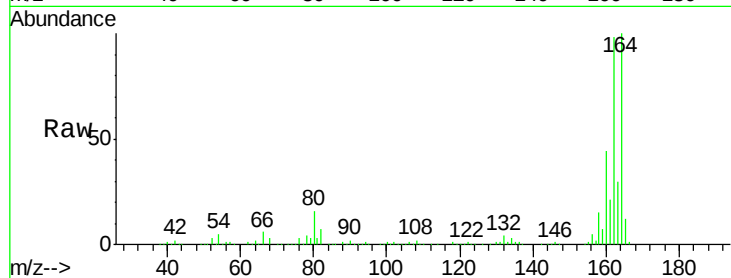




#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089984.D
Acq: 2 Sep 2016 19:33

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-1

Tgt 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#

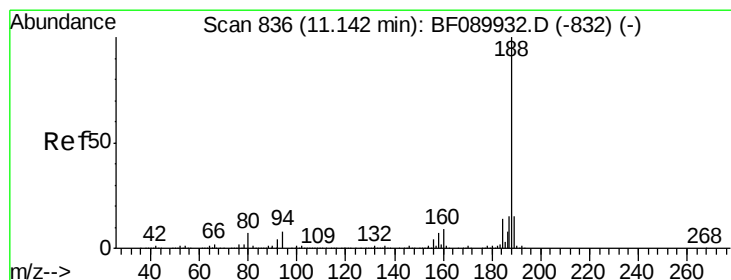
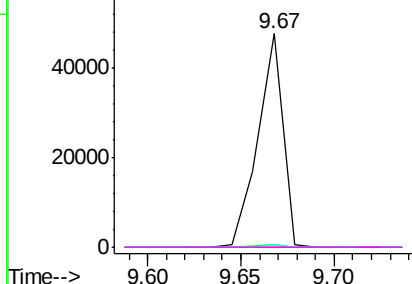
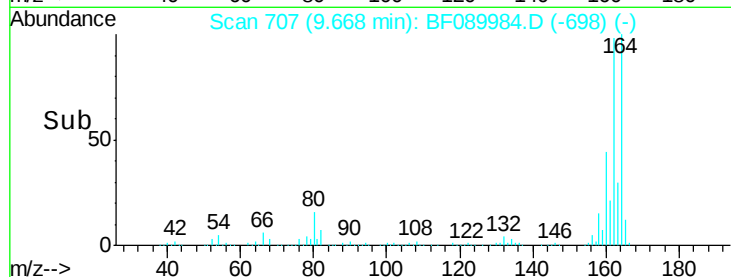


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

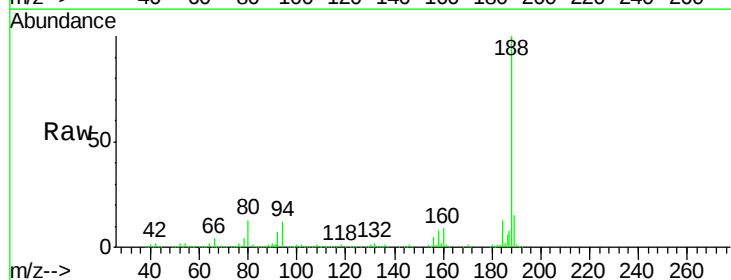
Ion 89.00 (88.70 to 89.70): BF0

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: BF089984.D
Acq: 2 Sep 2016 19:33

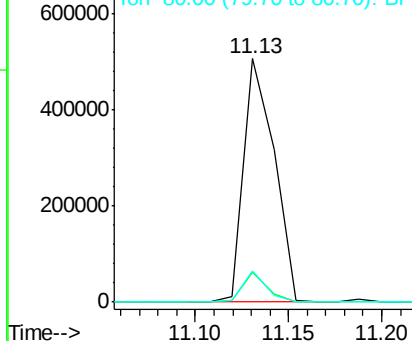
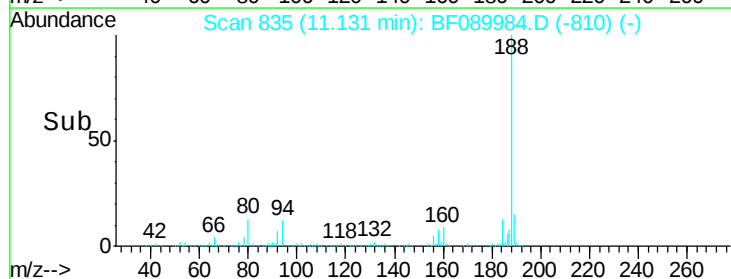
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.3	5.9	8.9#
80	12.9	5.8	8.8#

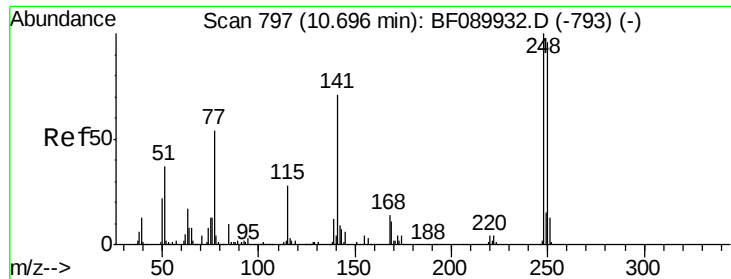


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

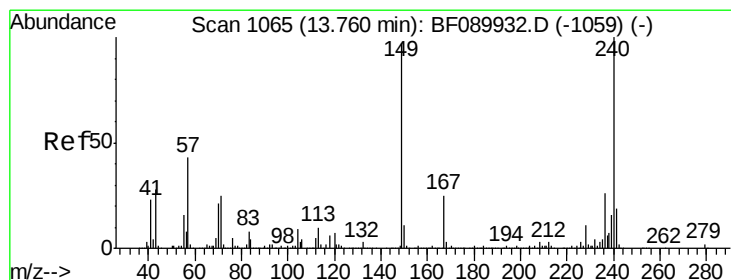
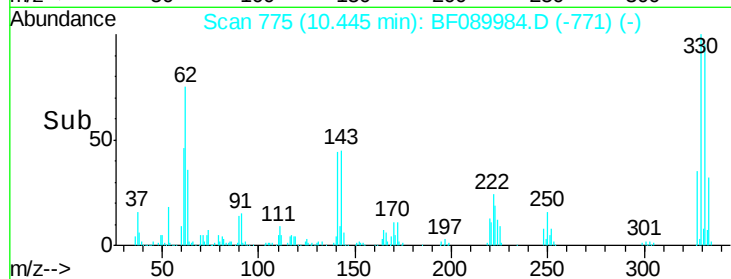
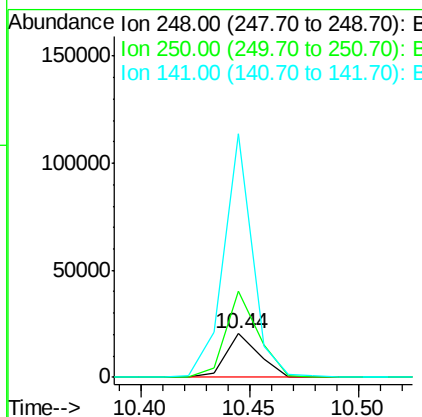
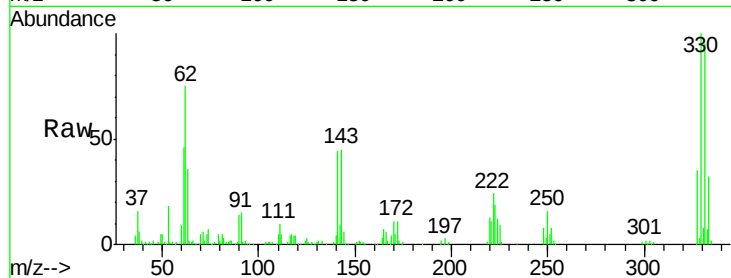




#66
 4-Bromophenyl-phenylether
 Concen: 3.67 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.25 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

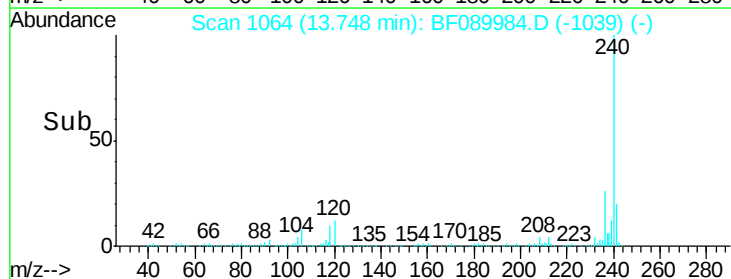
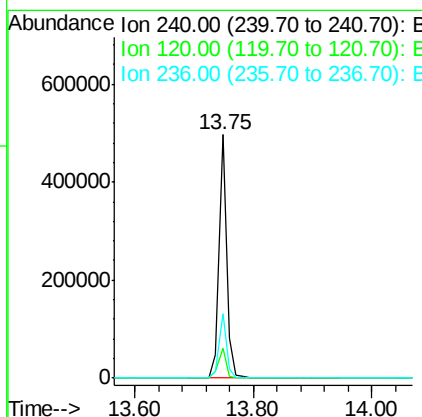
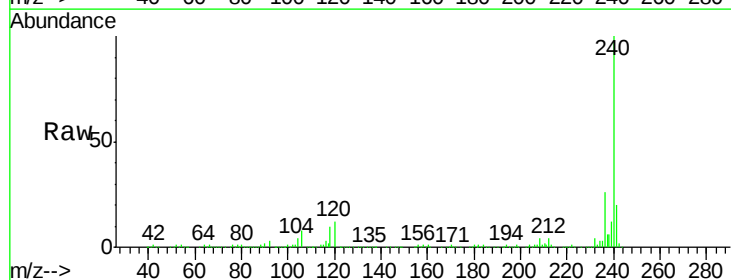
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-1

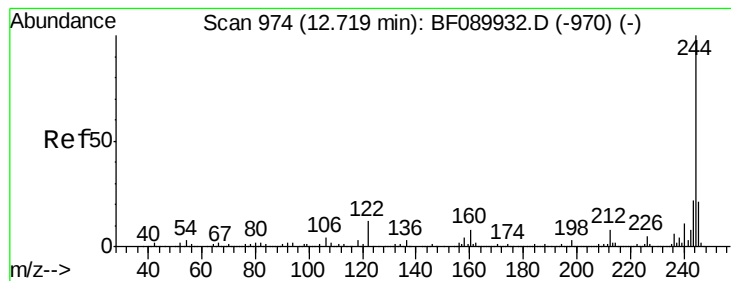
Tgt Ion:248 Resp: 21351
 Ion Ratio Lower Upper
 248 100
 250 198.3 77.3 115.9#
 141 559.1 55.8 83.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Tgt Ion:240 Resp: 442796
 Ion Ratio Lower Upper
 240 100
 120 12.0 5.7 8.5#
 236 26.4 21.3 31.9





#78

Terphenyl-d14

Concen: 60.53 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-1

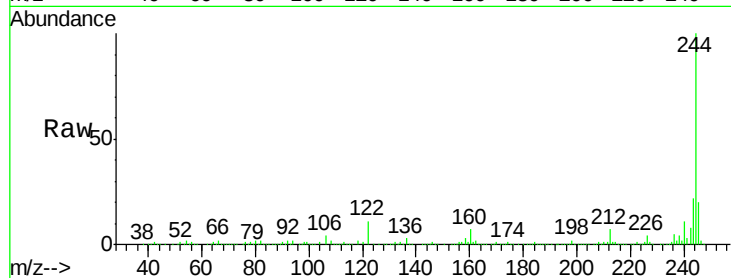
Tgt Ion:244 Resp: 1085066

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

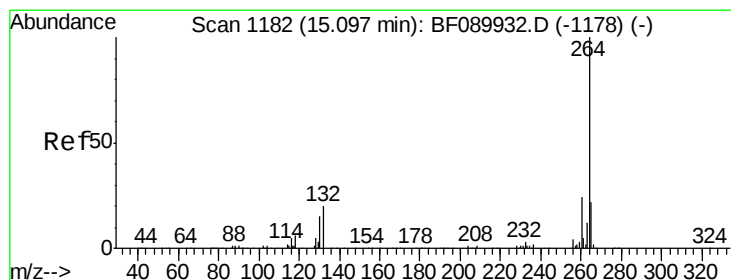
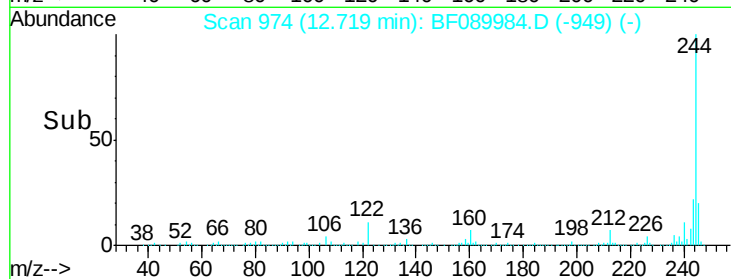
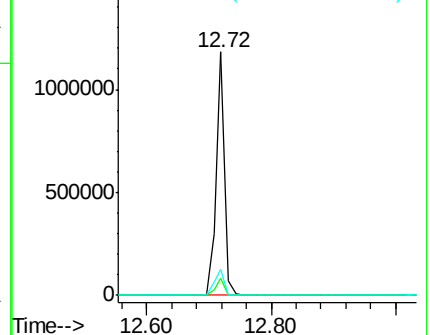
122 10.9 9.6 14.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

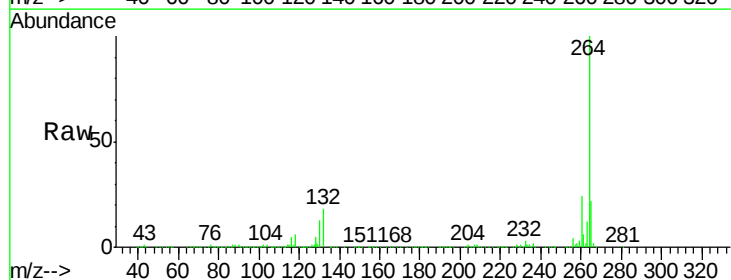
Tgt Ion:264 Resp: 432924

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

