

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089985.D
 Acq On : 2 Sep 2016 20:01
 Operator : UM/SJ
 Sample : H4675-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 02 23:02:04 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

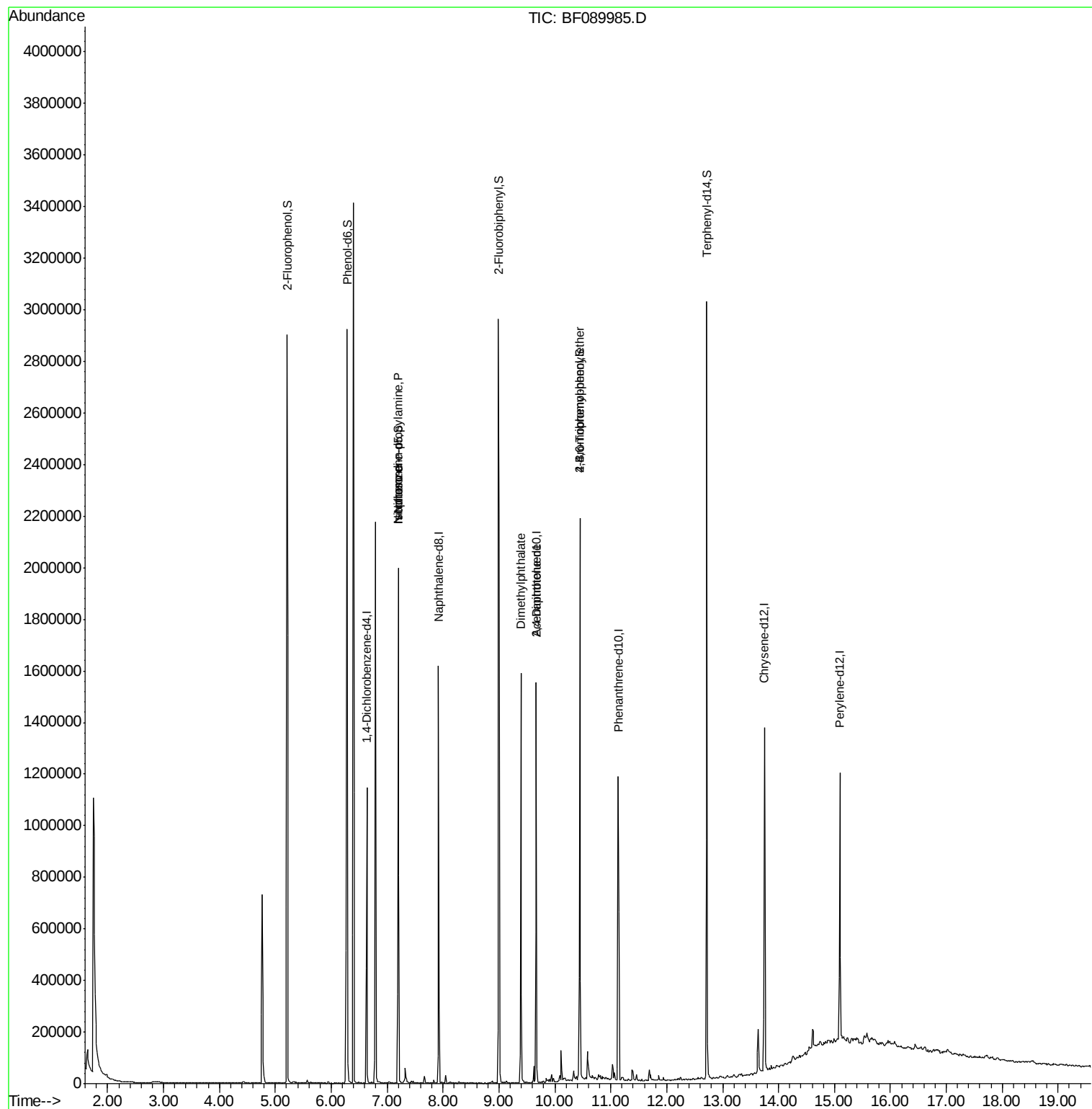
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	189423	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	684542	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	341485	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	537838	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	449229	20.00	ng	-0.01
86) Perylene-d12	15.10	264	433181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1116057	94.31	ng	0.00
7) Phenol-d6	6.28	99	1472945	102.43	ng	0.00
23) Nitrobenzene-d5	7.20	82	711659	60.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	252150	74.84	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1323823	63.64	ng	-0.01
78) Terphenyl-d14	12.72	244	969625	53.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	93812	10.01	ng	# 83
25) Isophorone	7.20	82	632436	26.35	ng	# 65
49) Dimethylphthalate	9.39	163	643156	26.06	ng	100
56) 2,4-Dinitrotoluene	9.67	165	43882	6.30	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	16705	3.09	ng	# 1

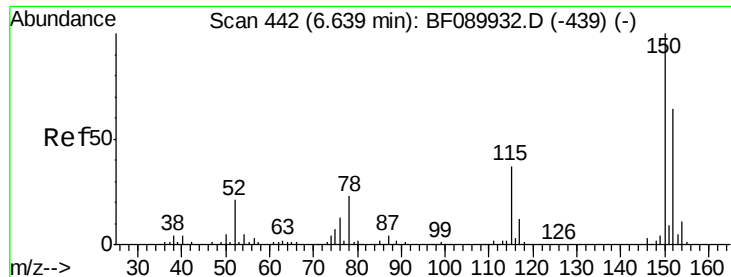
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
Data File : BF089985.D
Acq On : 2 Sep 2016 20:01
Operator : UM/SJ
Sample : H4675-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 02 23:02:04 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: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089985.D

Acq: 2 Sep 2016 20:01

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-2

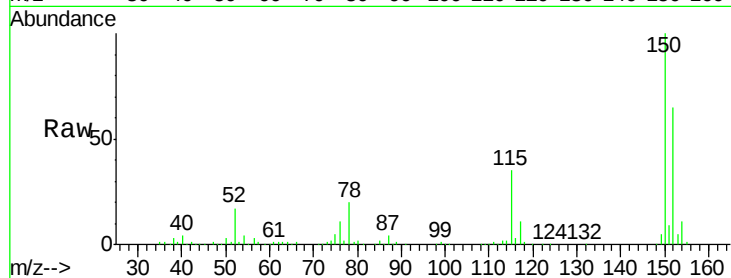
Tgt Ion:152 Resp: 189423

Ion Ratio Lower Upper

152 100

150 154.4 127.4 191.2

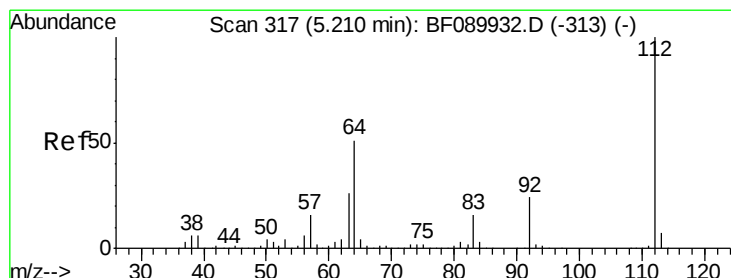
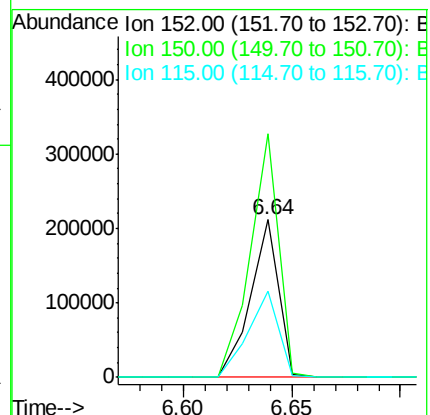
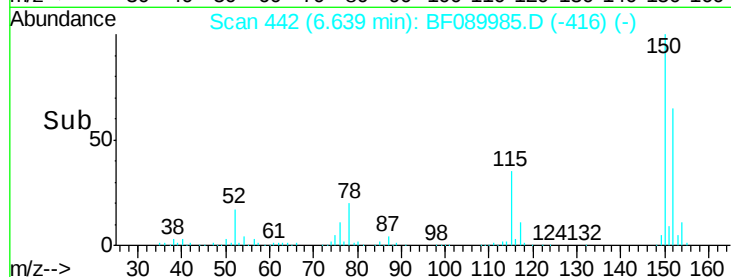
115 54.5 46.3 69.5



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: 94.31 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089985.D

Acq: 2 Sep 2016 20:01

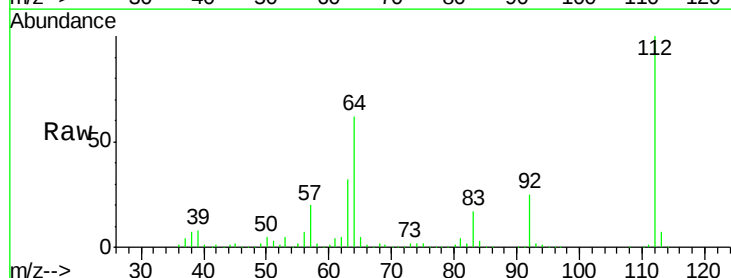
Tgt Ion:112 Resp: 1116057

Ion Ratio Lower Upper

112 100

64 62.5 41.1 61.7#

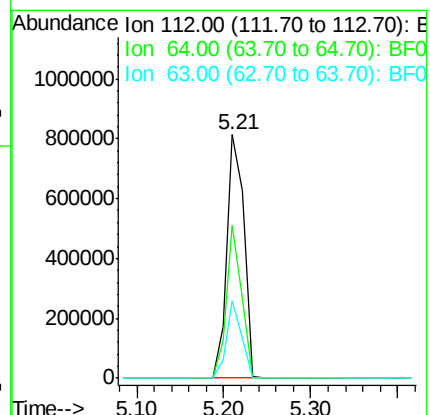
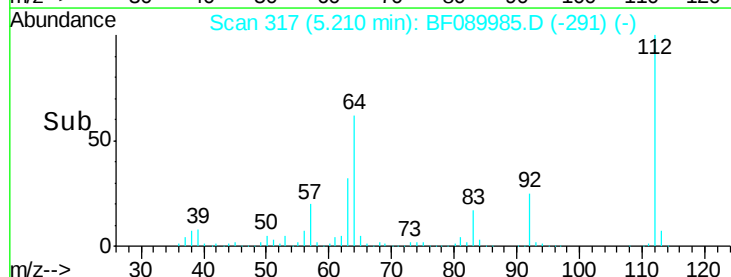
63 31.6 21.2 31.8



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: 102.43 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089985.D

Acq: 2 Sep 2016 20:01

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-2

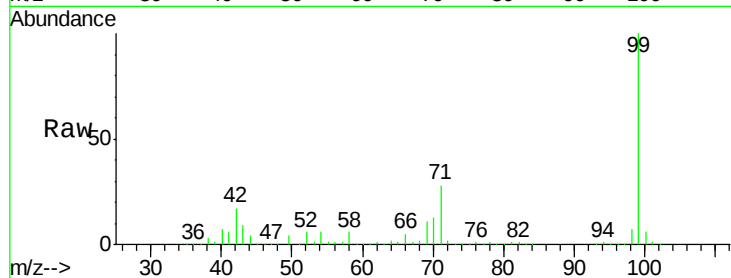
Tgt Ion: 99 Resp: 1472945

Ion Ratio Lower Upper

99 100

42 16.9 18.6 27.8#

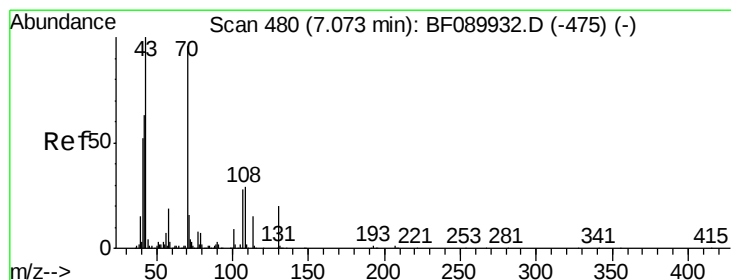
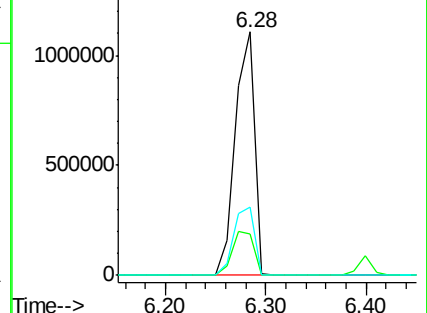
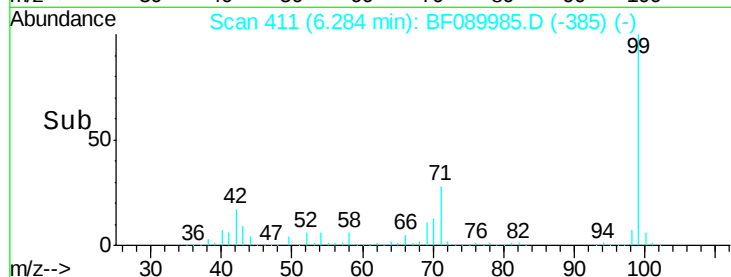
71 27.9 25.8 38.6



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: 10.01 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.13 min

Lab File: BF089985.D

Acq: 2 Sep 2016 20:01

Tgt Ion: 70 Resp: 93812

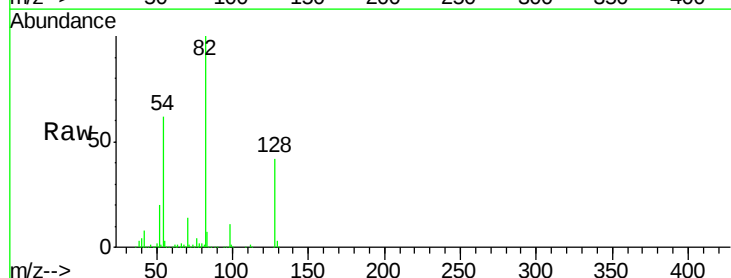
Ion Ratio Lower Upper

70 100

42 58.9 52.1 78.1

101 0.0 7.4 11.2#

130 2.1 17.0 25.4#

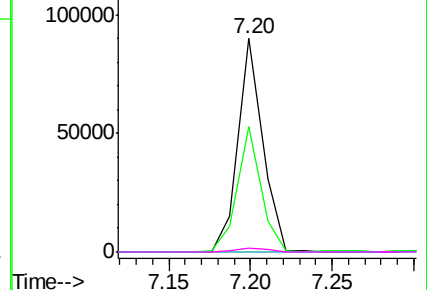
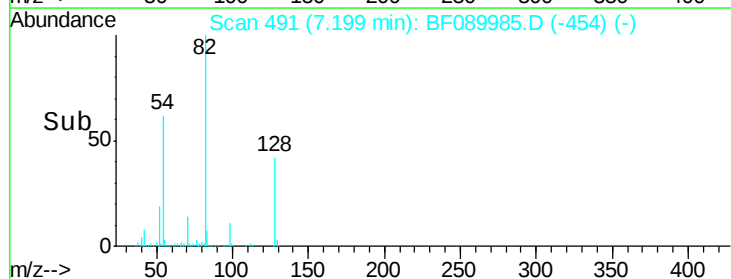


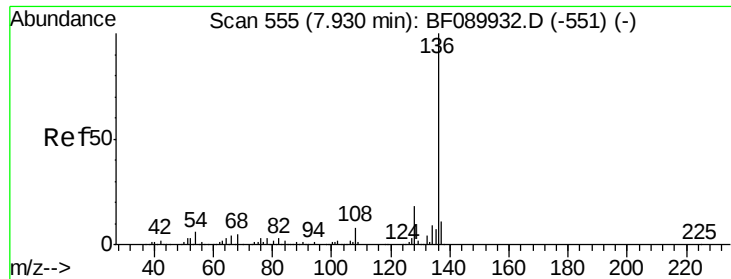
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

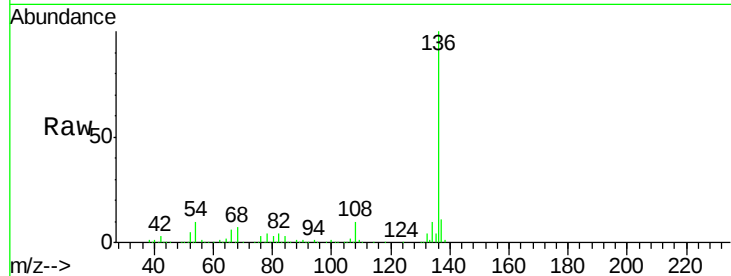




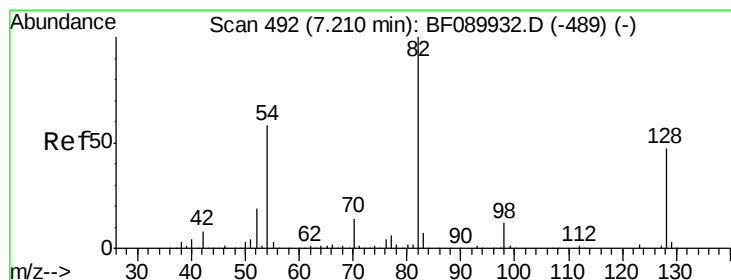
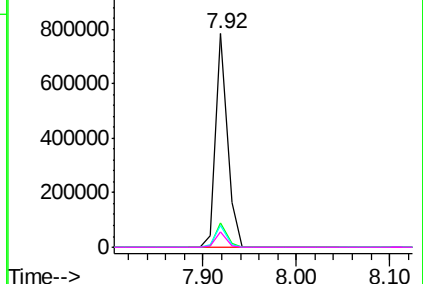
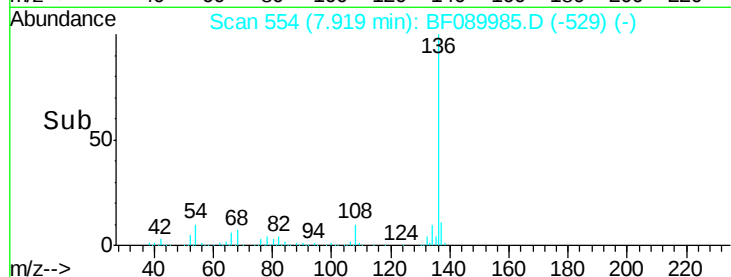
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089985.D
Acq: 2 Sep 2016 20:01

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

Tgt Ion:	136	Resp:	684542
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.3	12.5
54	10.3	4.8	7.2#
68	7.2	3.7	5.5#

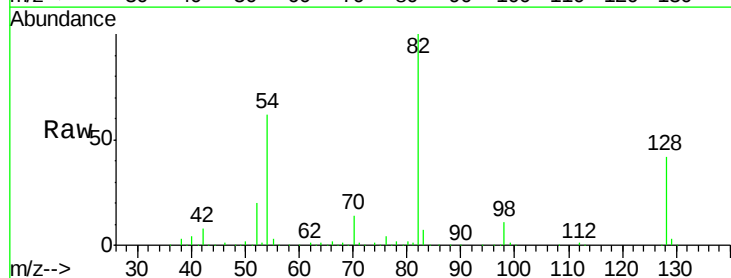


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

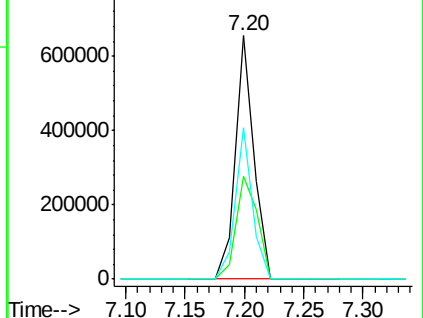
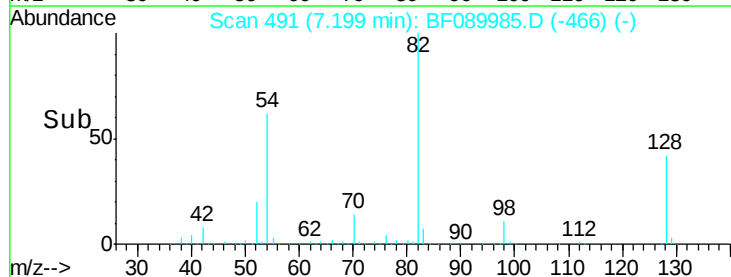


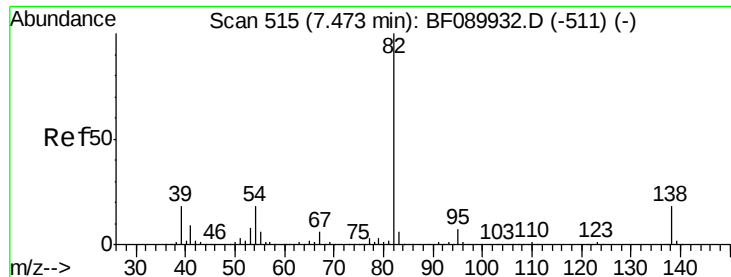
#23
Nitrobenzene-d5
Concen: 60.29 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF089985.D
Acq: 2 Sep 2016 20:01

Tgt Ion:	82	Resp:	711659
Ion	Ratio	Lower	Upper
82	100		
128	42.3	37.8	56.8
54	62.1	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: 26.35 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089985.D

Acq: 2 Sep 2016 20:01

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-2

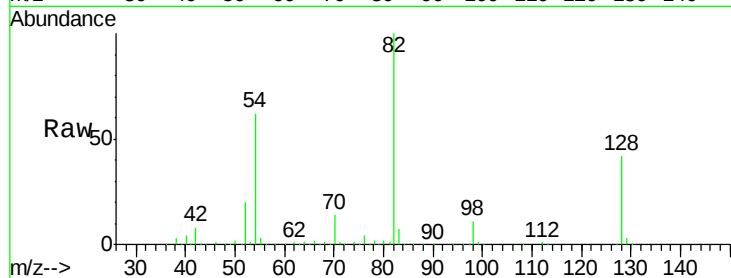
Tgt Ion: 82 Resp: 632436

Ion Ratio Lower Upper

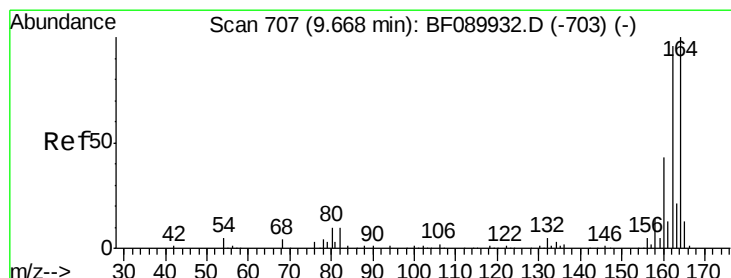
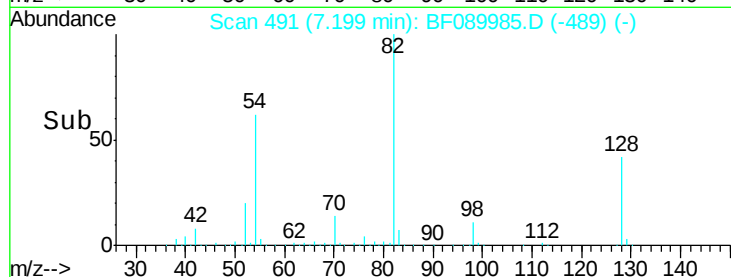
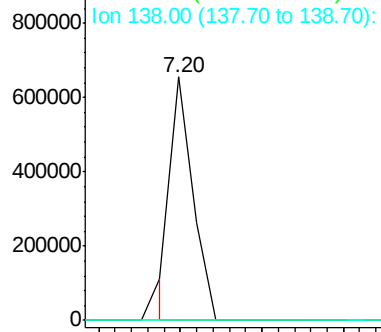
82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF089985.D (-489) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089985.D

Acq: 2 Sep 2016 20:01

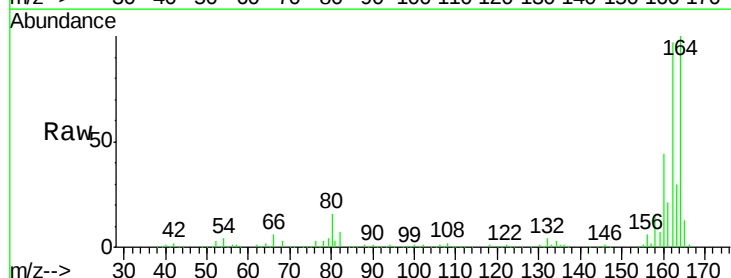
Tgt Ion: 164 Resp: 341485

Ion Ratio Lower Upper

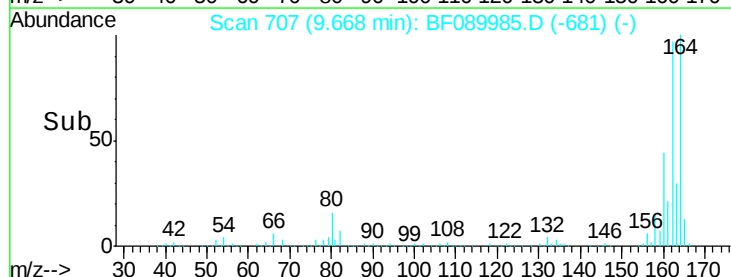
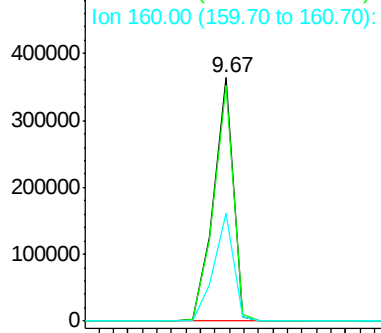
164 100

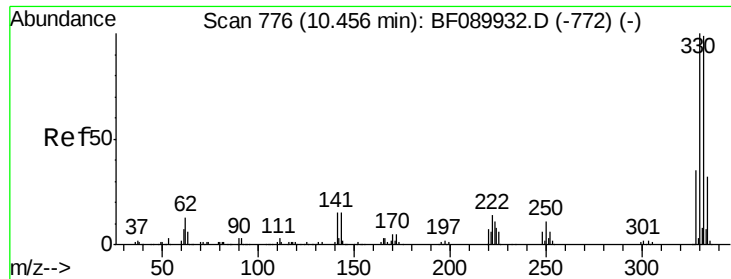
162 97.0 77.1 115.7

160 44.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BF089985.D (-681) (-)

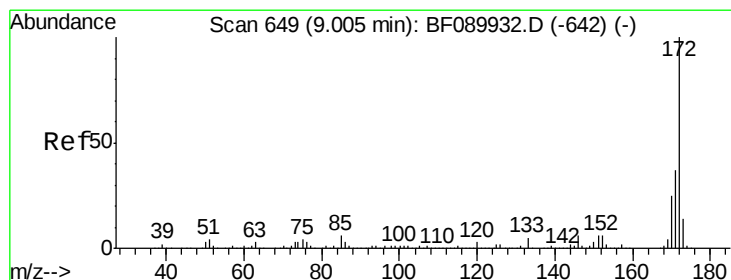
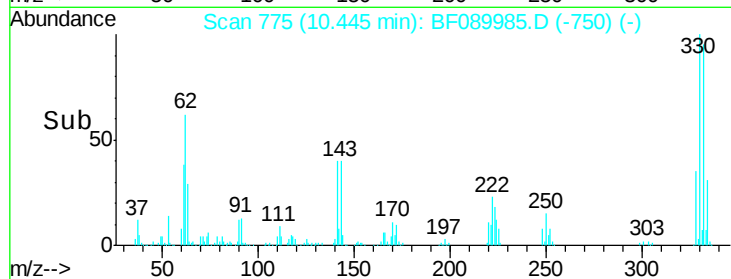
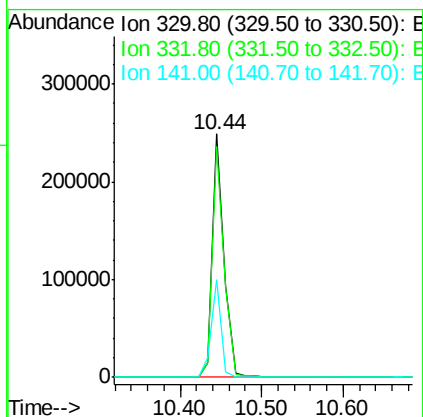
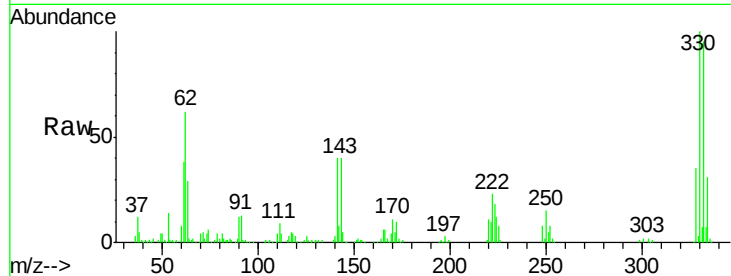




#41
 2,4,6-Tribromophenol
 Concen: 74.84 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089985.D
 Acq: 2 Sep 2016 20:01

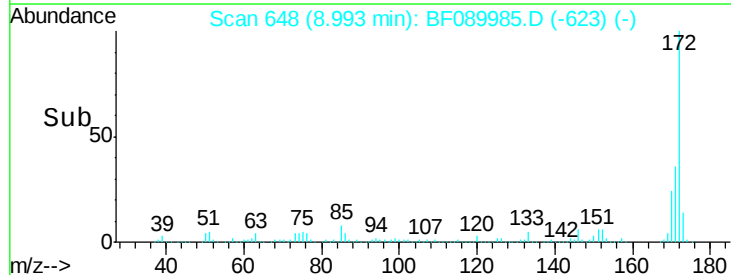
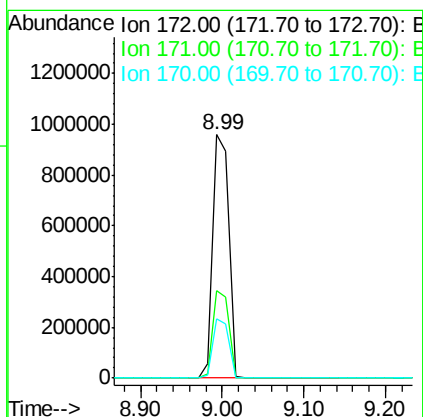
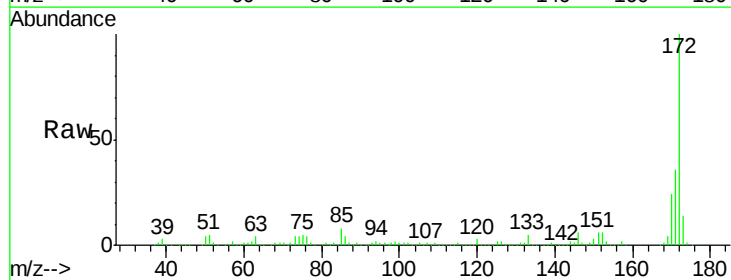
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-2

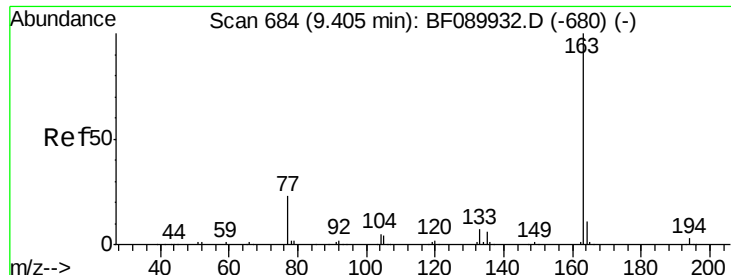
Tgt Ion:330 Resp: 252150
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.6 117.8
 141 34.8 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 63.64 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF089985.D
 Acq: 2 Sep 2016 20:01

Tgt Ion:172 Resp: 1323823
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.3 20.1 30.1





#49

Dimethylphthalate

Concen: 26.06 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF089985.D

Acq: 2 Sep 2016 20:01

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-2

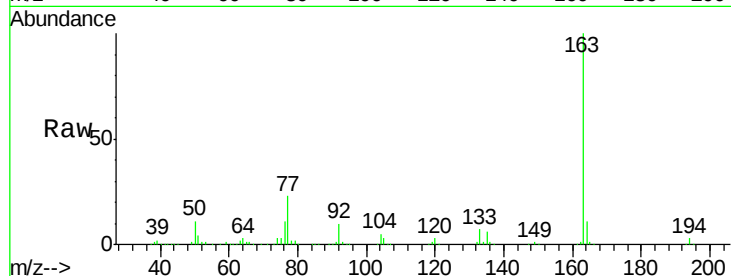
Tgt Ion:163 Resp: 643156

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

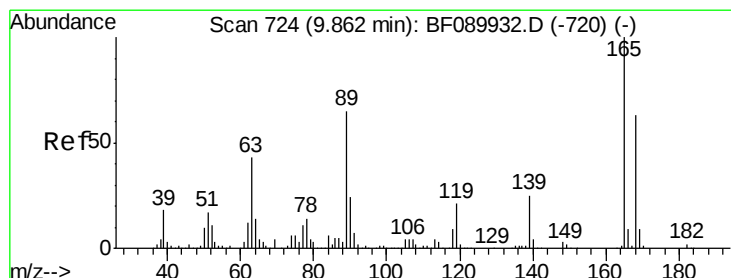
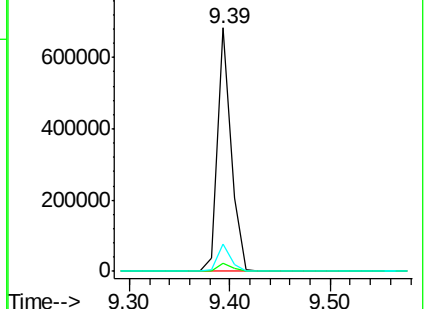
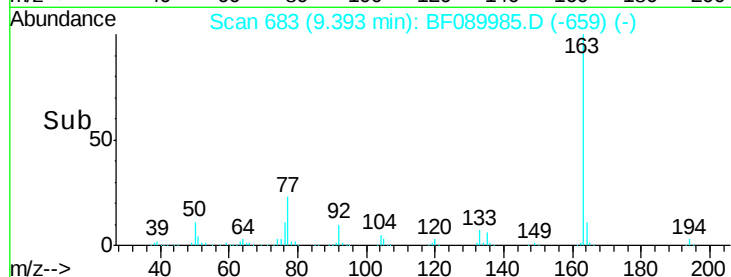
164 11.2 9.0 13.4



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: 6.30 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.19 min

Lab File: BF089985.D

Acq: 2 Sep 2016 20:01

Tgt Ion:165 Resp: 43882

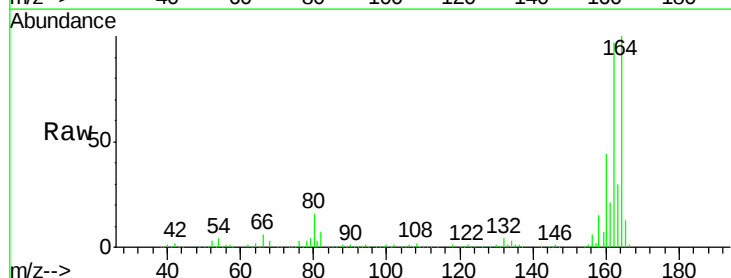
Ion Ratio Lower Upper

165 100

63 1.4 32.5 48.7#

89 1.2 48.3 72.5#

182 0.0 1.7 2.5#

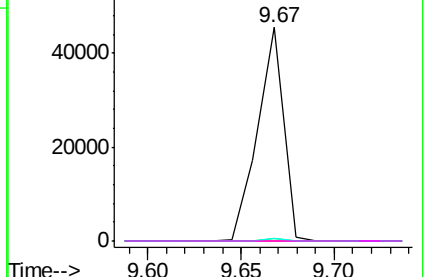
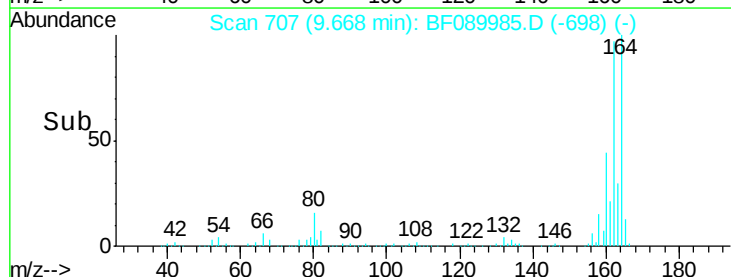


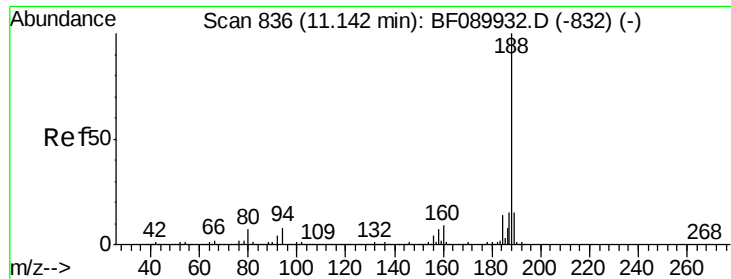
Abundance Ion 165.00 (164.70 to 165.70): E

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

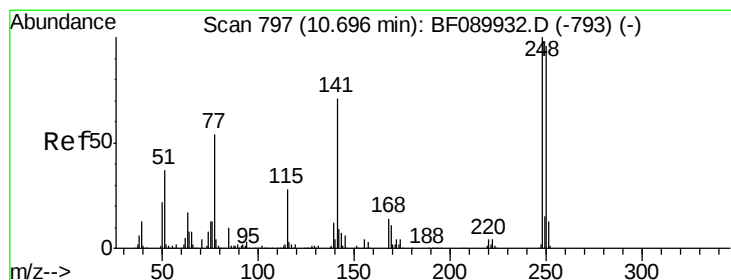
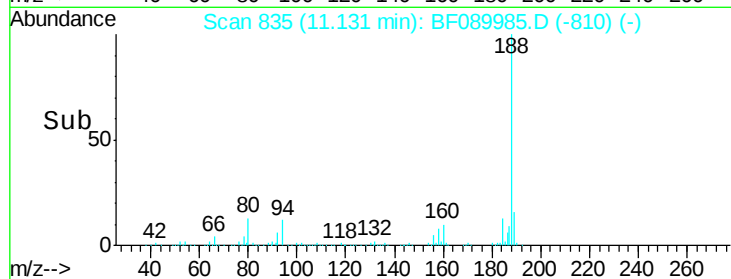
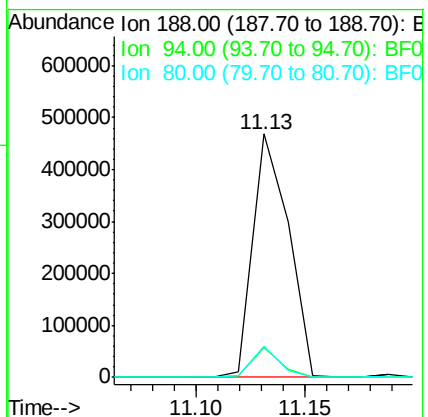
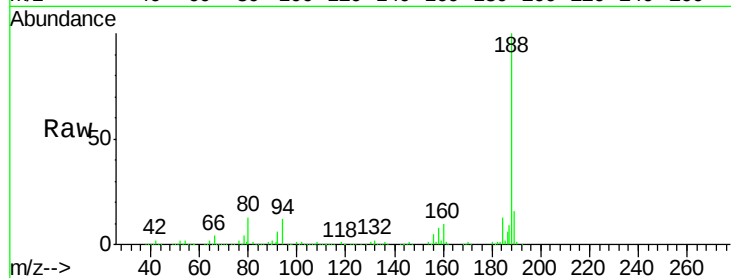




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089985.D
Acq: 2 Sep 2016 20:01

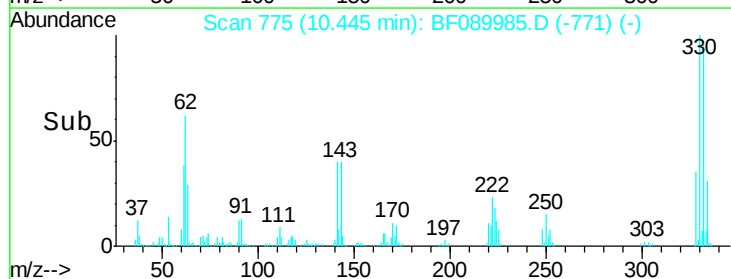
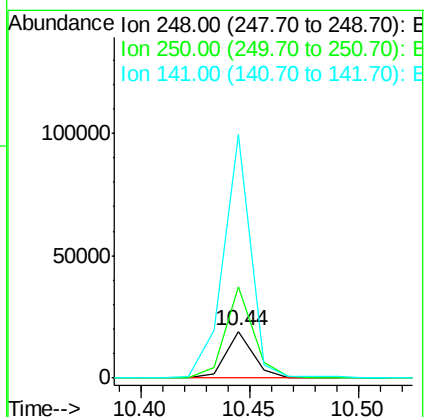
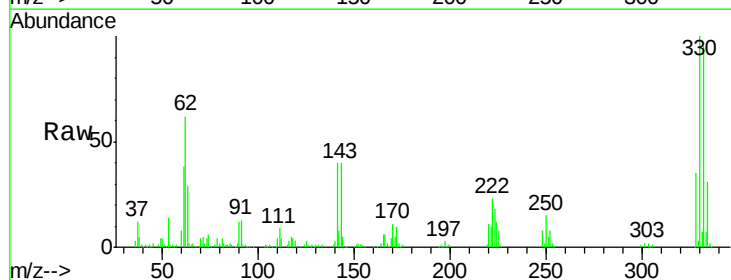
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-2

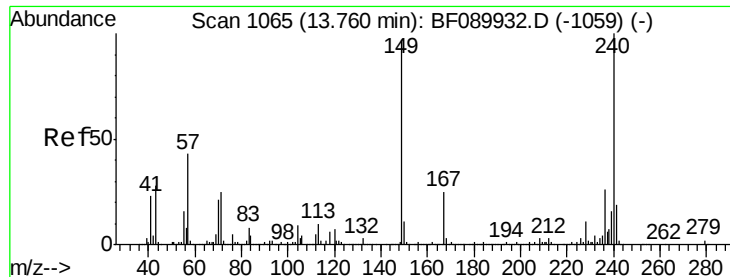
Tgt Ion:188 Resp: 537838
Ion Ratio Lower Upper
188 100
94 12.4 5.9 8.9#
80 13.1 5.8 8.8#



#66
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF089985.D
Acq: 2 Sep 2016 20:01

Tgt Ion:248 Resp: 16705
Ion Ratio Lower Upper
248 100
250 196.0 77.3 115.9#
141 520.4 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: BF089985.D

Acq: 2 Sep 2016 20:01

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-2

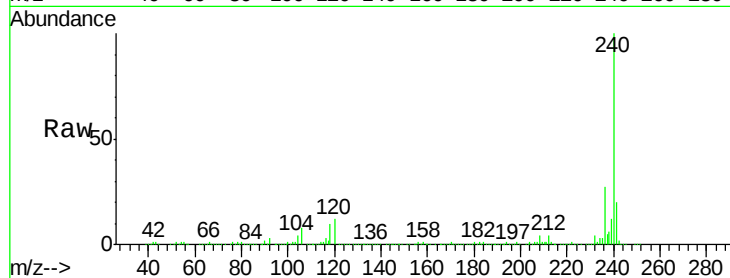
Tgt Ion:240 Resp: 449229

Ion Ratio Lower Upper

240 100

120 12.3 5.7 8.5#

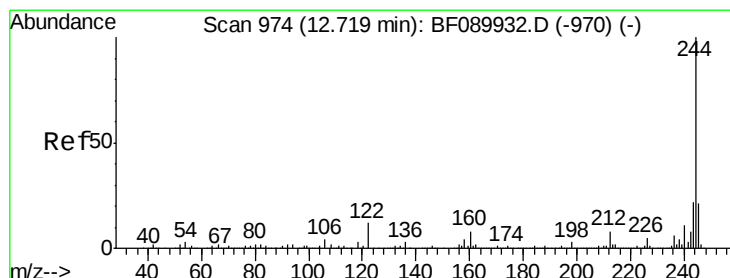
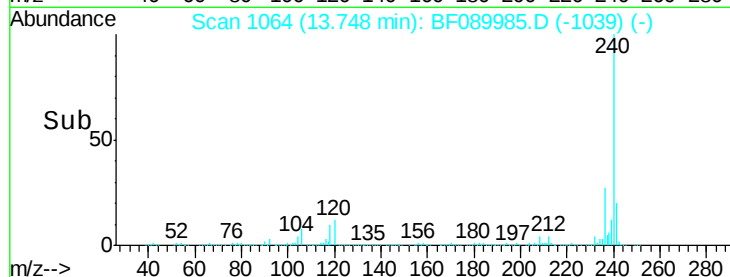
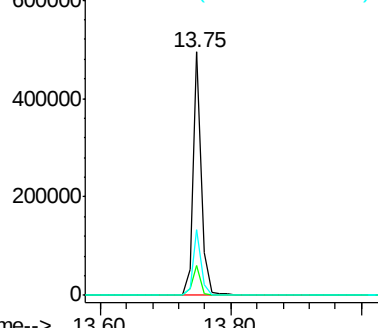
236 26.7 21.3 31.9



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: 53.32 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF089985.D

Acq: 2 Sep 2016 20:01

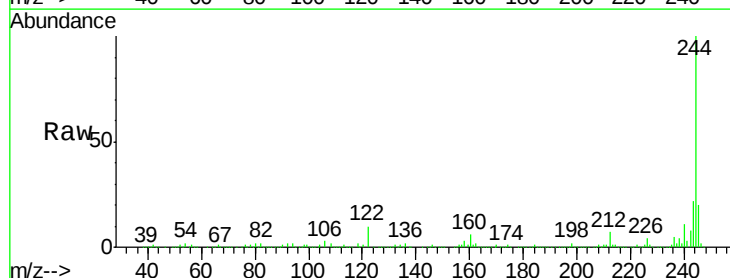
Tgt Ion:244 Resp: 969625

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

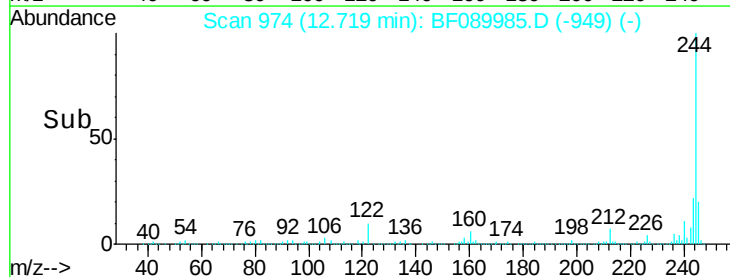
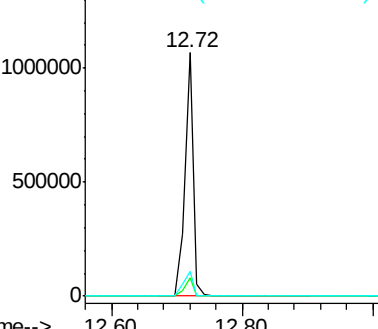
122 10.3 9.6 14.4

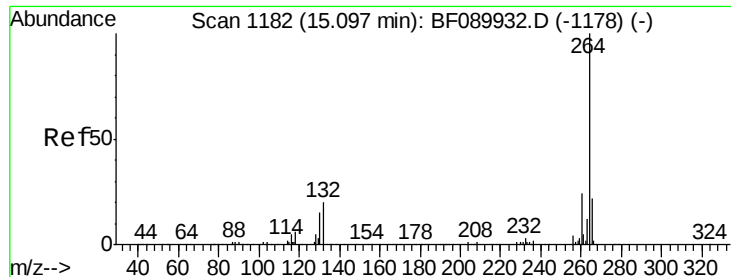


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089985.D
Acq: 2 Sep 2016 20:01

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

Tgt Ion:264 Resp: 433181
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.0
265 22.0 17.4 26.2

