

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\
 Data File : BF089976.D
 Acq On : 2 Sep 2016 15:47
 Operator : UM/SJ
 Sample : H4675-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 16:34:28 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

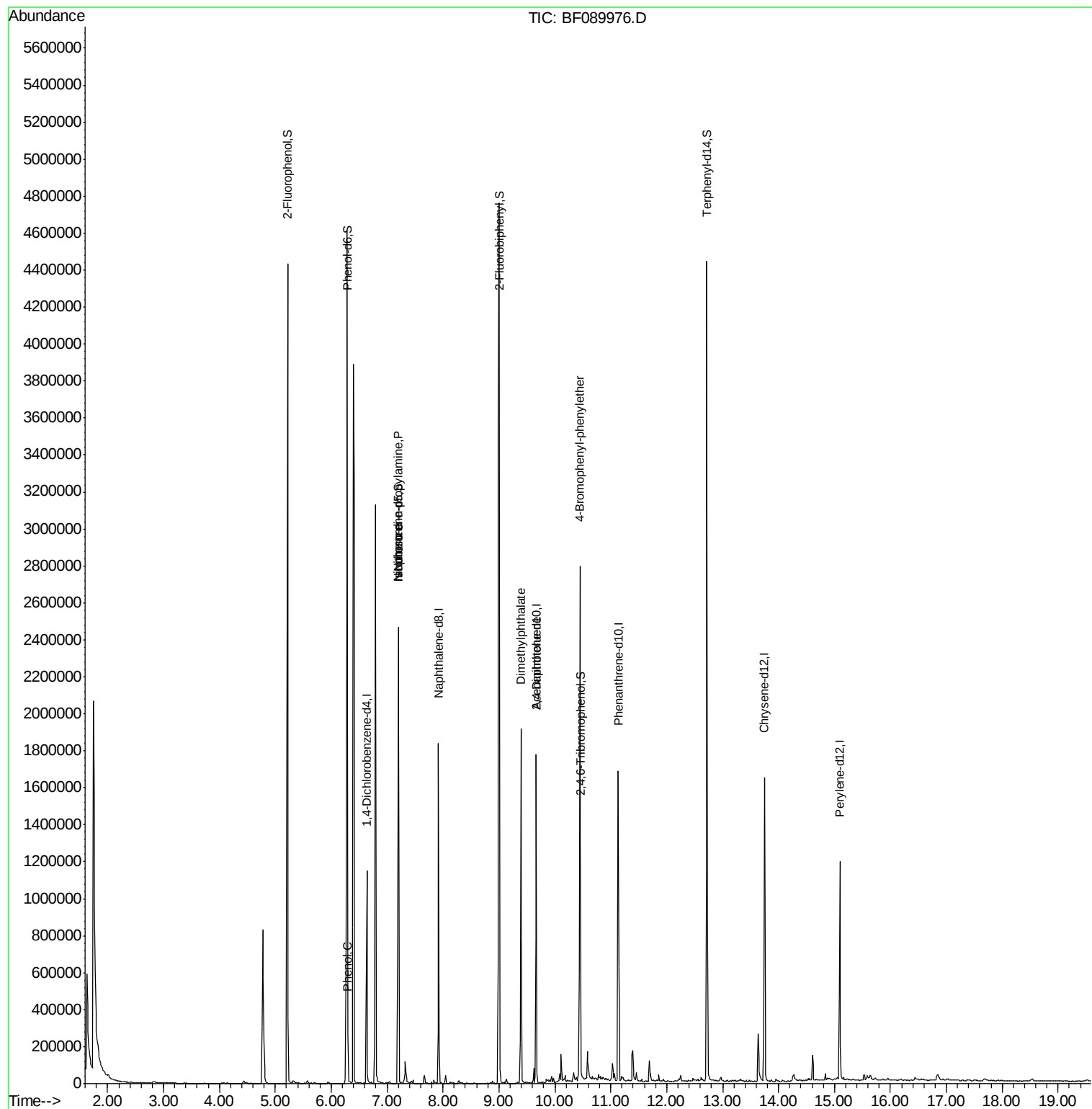
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	198643	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	784502	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	406527	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	675948	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	543256	20.00	ng	-0.01
86) Perylene-d12	15.10	264	472002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1429139	115.16	ng	0.01
7) Phenol-d6	6.28	99	1856243	123.10	ng	0.00
23) Nitrobenzene-d5	7.20	82	1176681	86.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	453004	112.95	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	2156271	87.07	ng	0.00
78) Terphenyl-d14	12.72	244	1540033	70.03	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	61214	3.49	ng	# 57
19) n-Nitroso-di-n-propylamine	7.20	70	152981	15.57	ng	# 85
25) Isophorone	7.20	82	1008351	36.66	ng	# 65
49) Dimethylphthalate	9.39	163	947517	32.25	ng	100
56) 2,4-Dinitrotoluene	9.67	165	51517	6.22	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	28294	4.16	ng	# 1

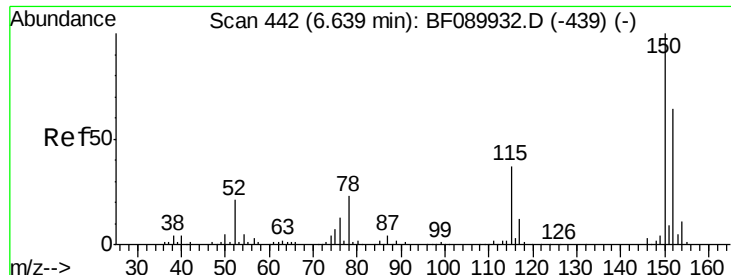
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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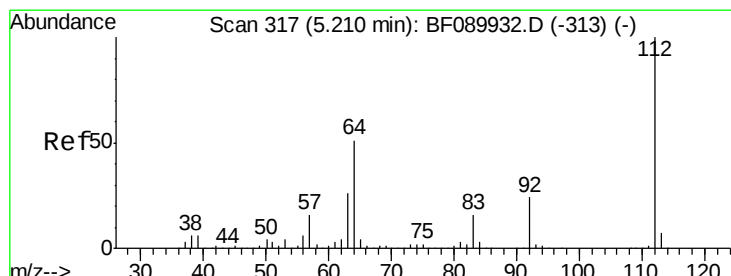
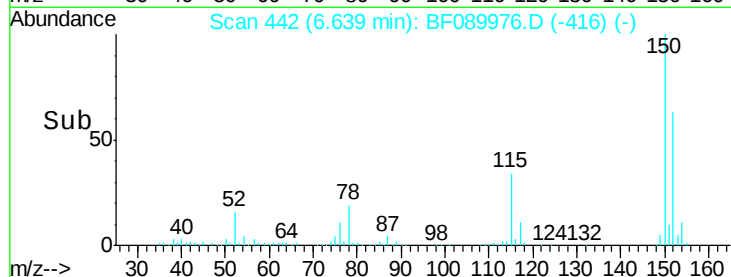
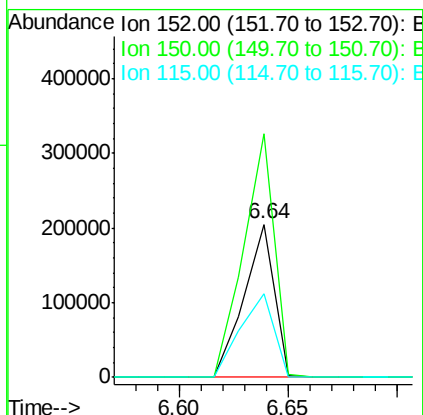
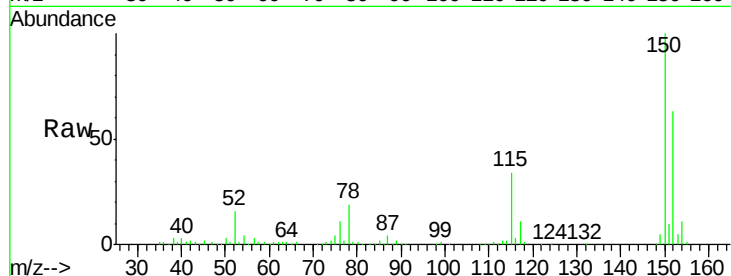


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Instrument :
BNA_F
ClientSampleId :

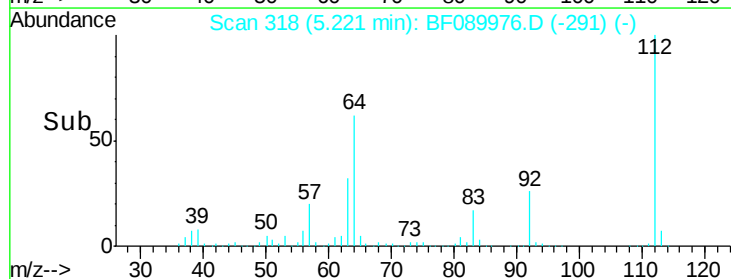
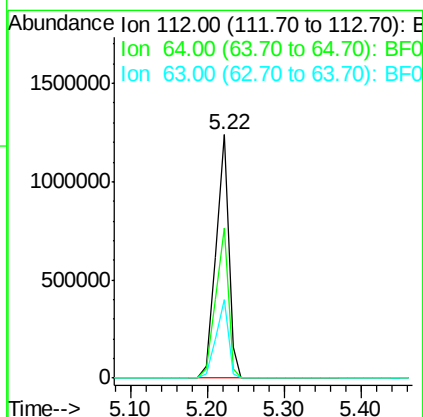
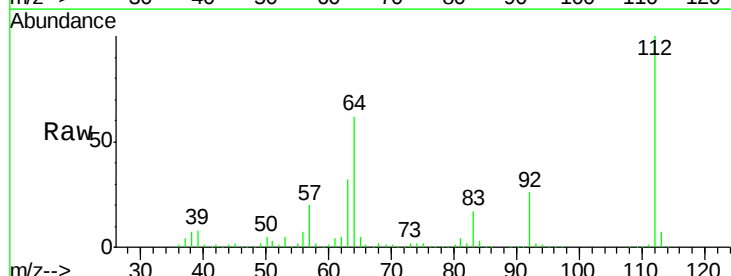
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.4	191.2
115	54.7	46.3	69.5



#5

2-Fluorophenol
Concen: 115.16 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	41.1	61.7#
63	32.2	21.2	31.8#





#7

Phenol-d6

Concen: 123.10 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

Instrument :

BNA_F

ClientSampleId :

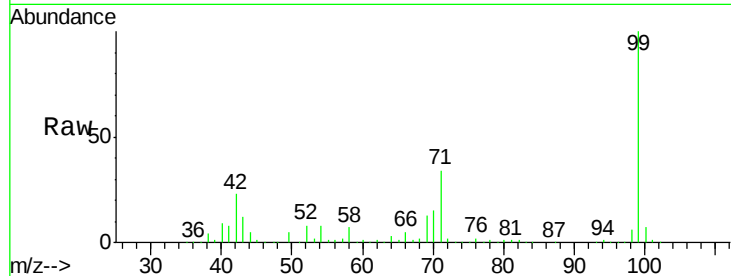
Tot Ion: 99 Resp: 1856243

Ion Ratio Lower Upper

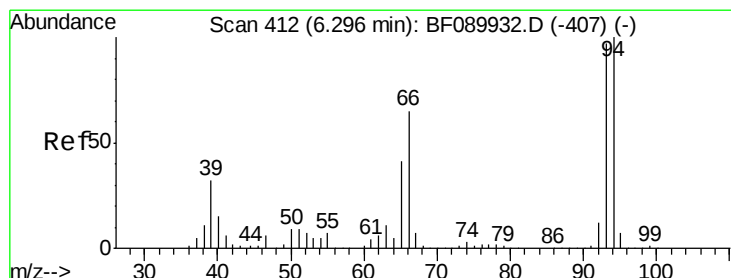
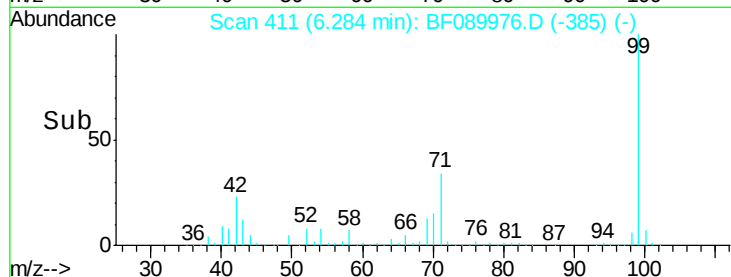
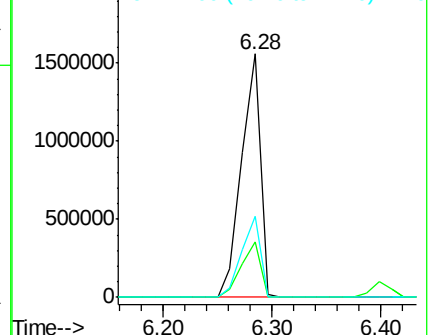
99 100

42 22.7 18.6 27.8

71 33.5 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: 3.49 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

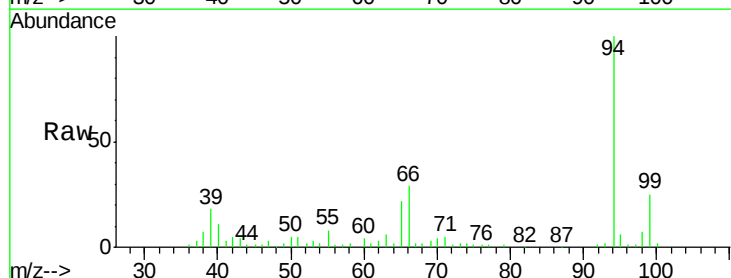
Tgt Ion: 94 Resp: 61214

Ion Ratio Lower Upper

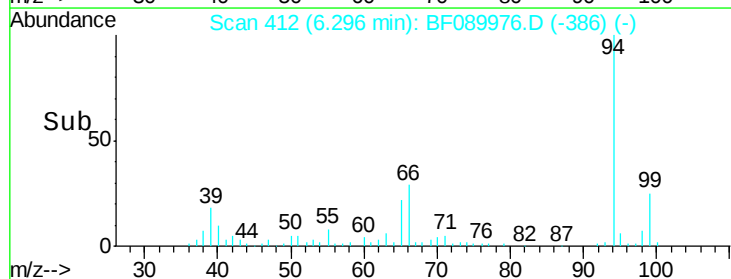
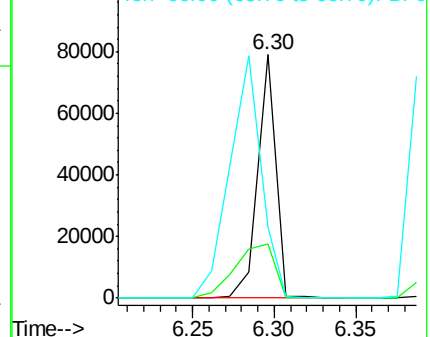
94 100

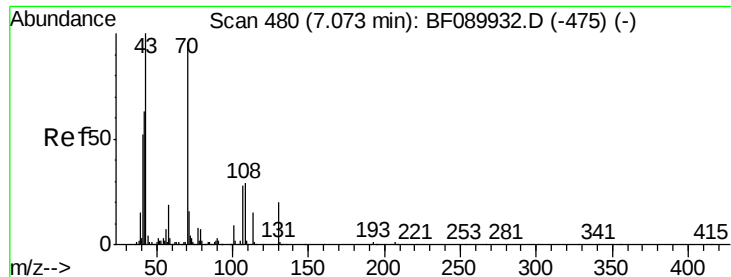
65 22.2 23.2 63.2#

66 29.0 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

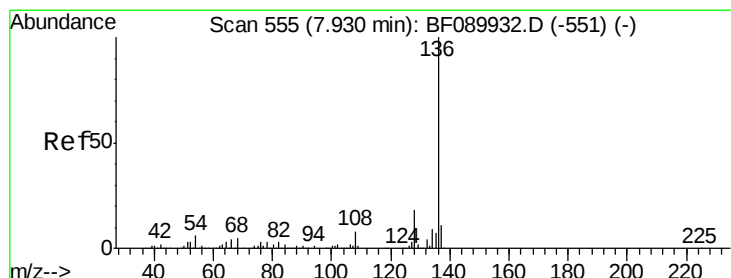
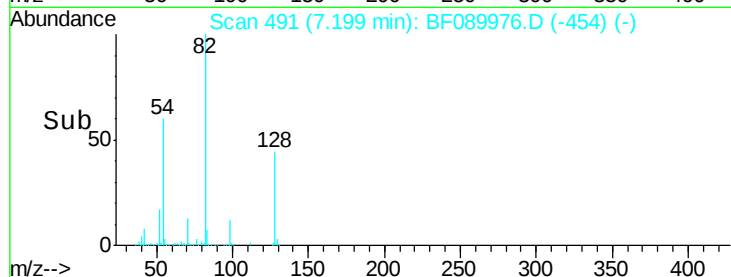
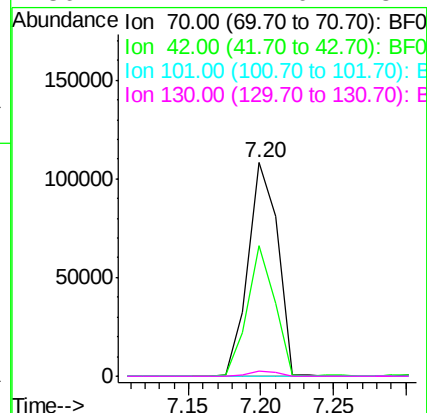
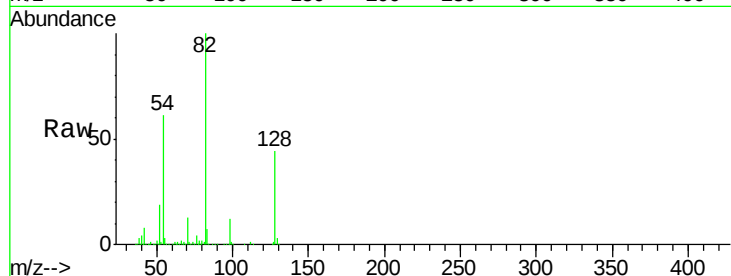




#19
n-Nitroso-di-n-propylamine
Concen: 15.57 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.13 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

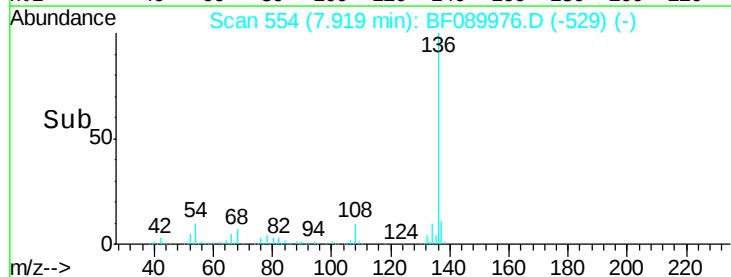
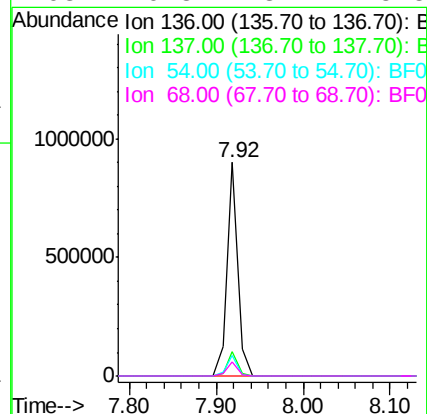
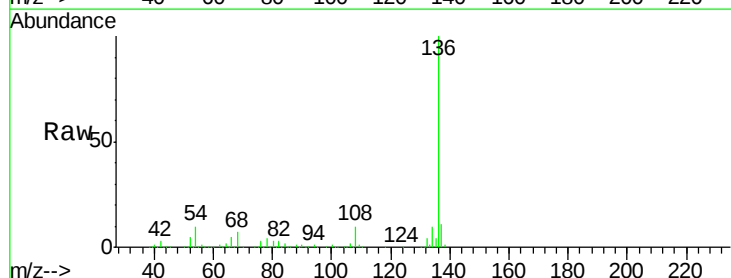
Instrument :
BNA_F
ClientSampleId :

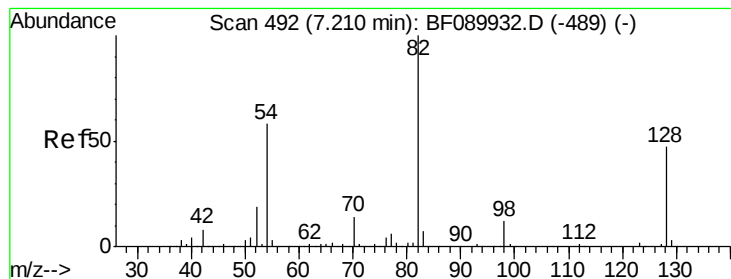
Tot Ion: 70 Resp: 152981
Ion Ratio Lower Upper
70 100
42 61.2 52.1 78.1
101 0.0 7.4 11.2#
130 2.4 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Tgt Ion: 136 Resp: 784502
Ion Ratio Lower Upper
136 100
137 11.3 8.3 12.5
54 9.6 4.8 7.2#
68 6.8 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 86.99 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

Instrument :

BNA_F

ClientSampled :

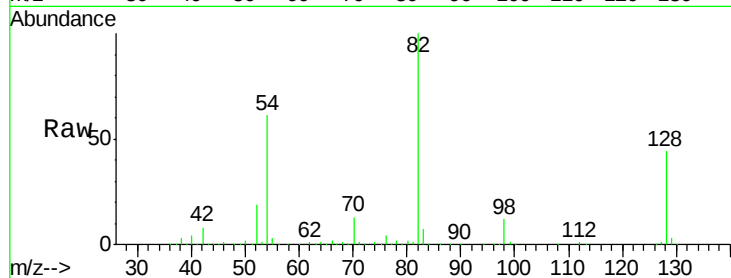
Tot Ion: 82 Resp: 1176681

Ion Ratio Lower Upper

82 100

128 44.2 37.8 56.8

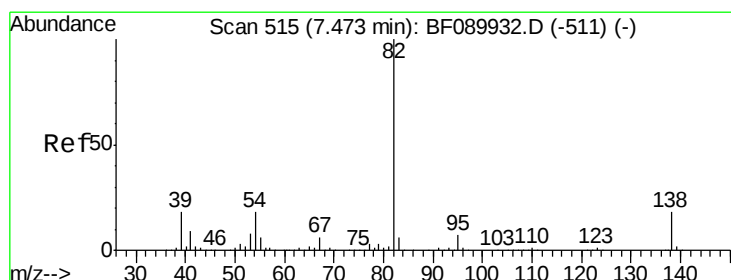
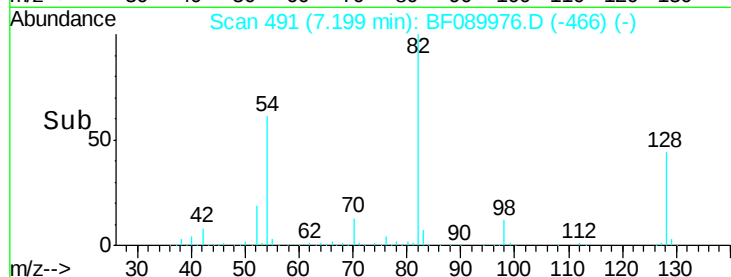
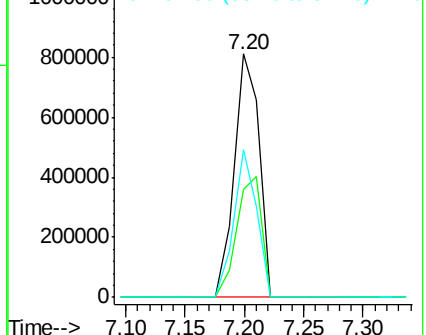
54 60.6 46.9 70.3



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: 36.66 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF089976.D

Acq: 2 Sep 2016 15:47

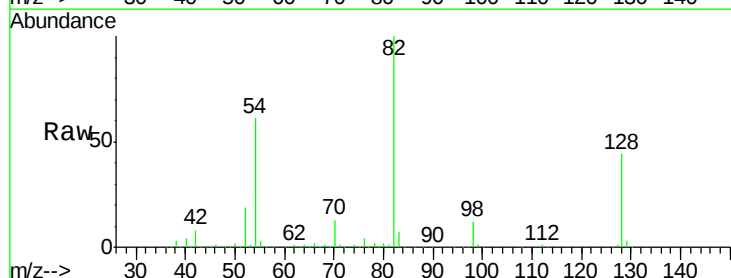
Tgt Ion: 82 Resp: 1008351

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

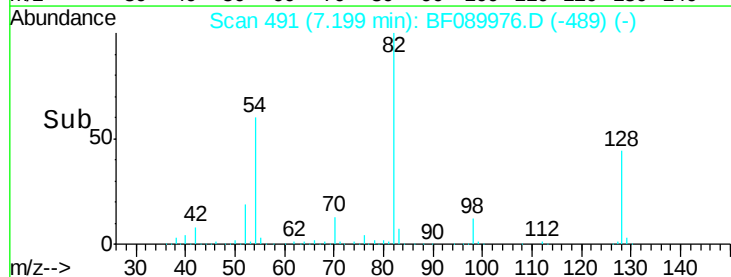
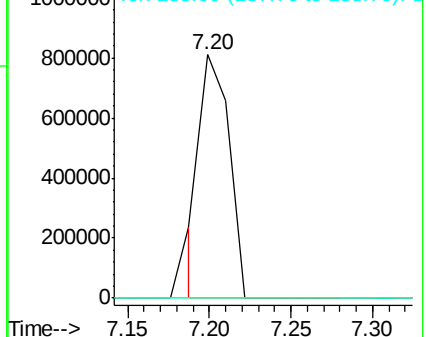
138 0.0 14.4 21.6#

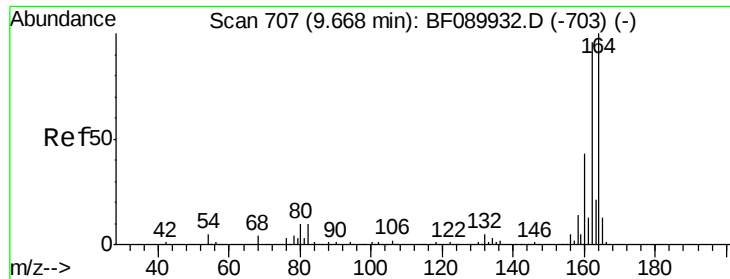


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

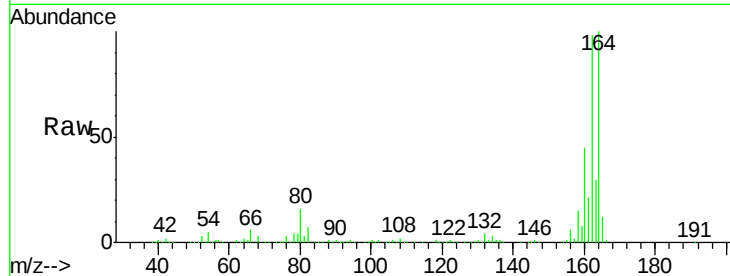




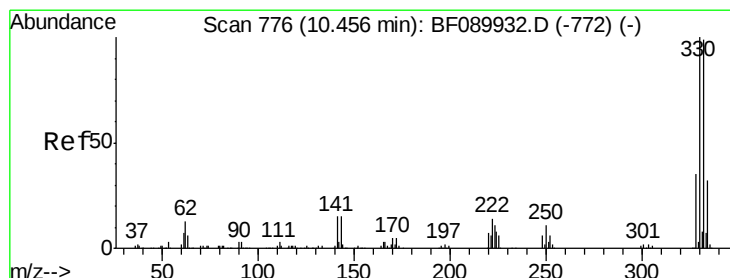
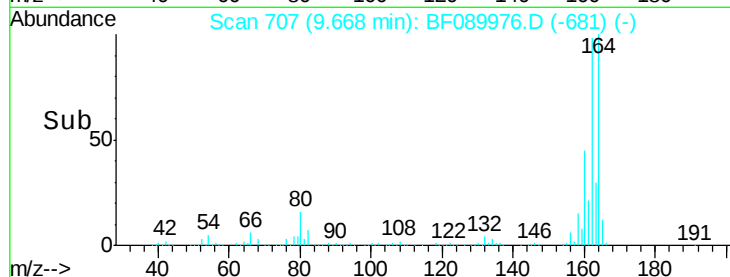
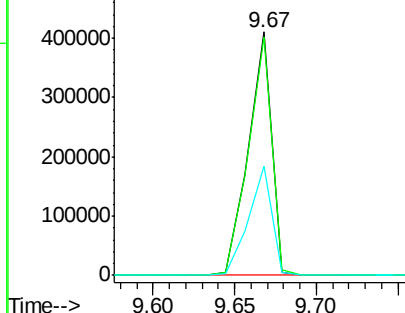
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 406527
Ion Ratio Lower Upper
164 100
162 97.8 77.1 115.7
160 44.7 35.3 52.9

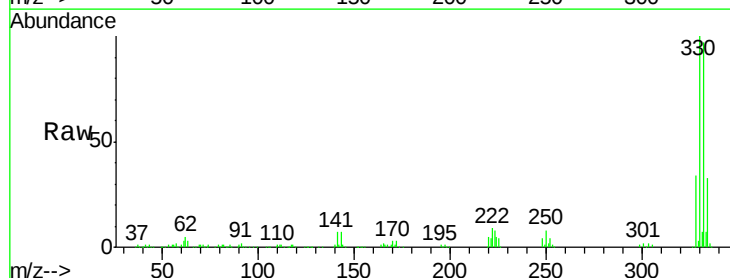


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

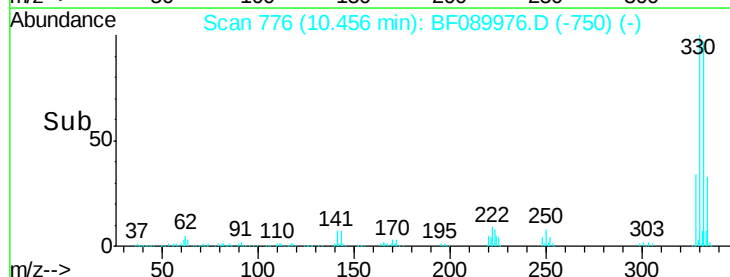
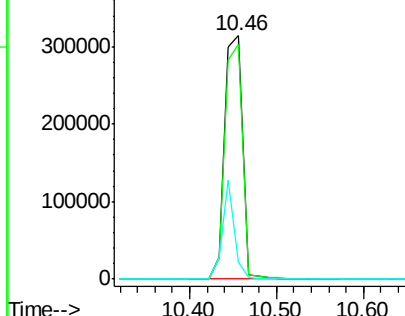


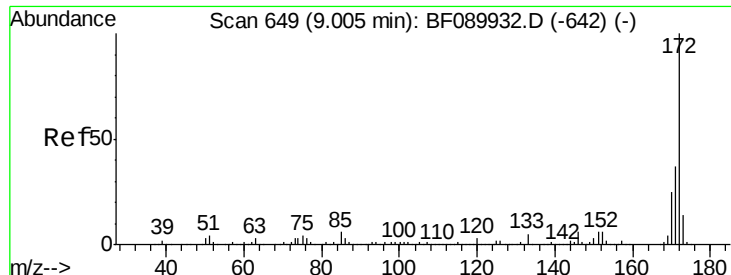
#41
2,4,6-Tribromophenol
Concen: 112.95 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Tgt Ion:330 Resp: 453004
Ion Ratio Lower Upper
330 100
332 95.9 78.6 117.8
141 27.9 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

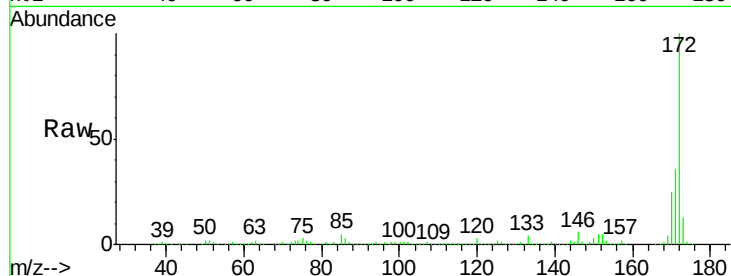




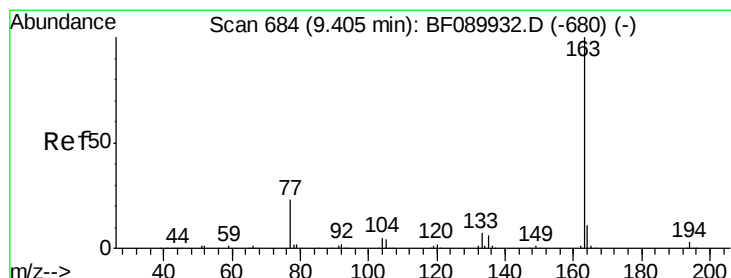
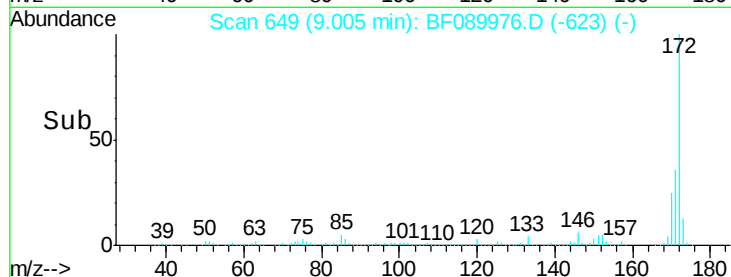
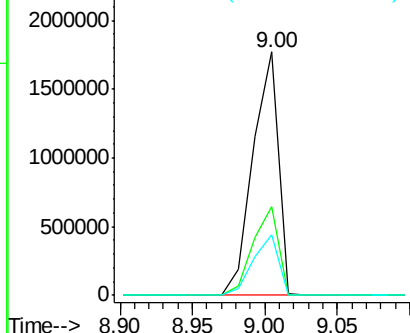
#44
2-Fluorobiphenyl
Concen: 87.07 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2156271
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.2
170 24.9 20.1 30.1

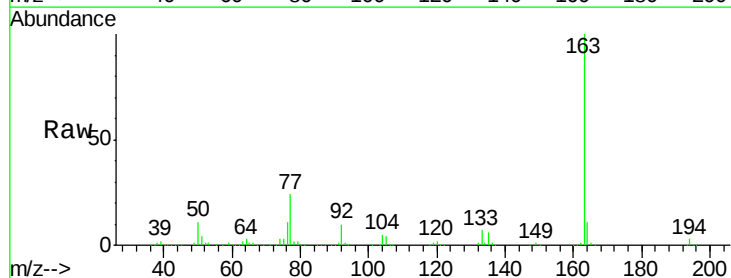


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

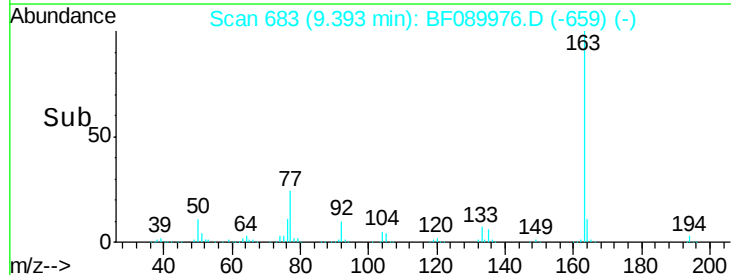
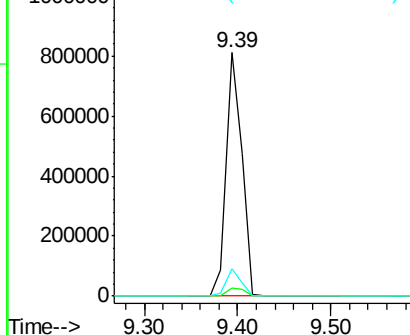


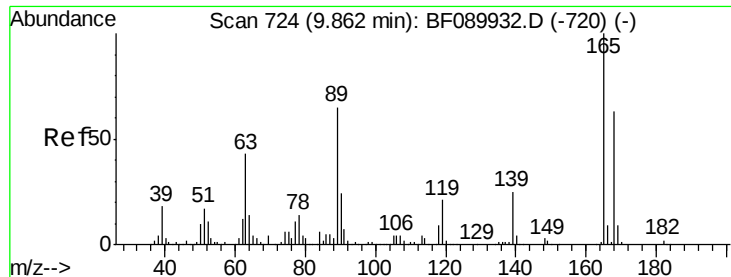
#49
Dimethylphthalate
Concen: 32.25 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Tgt Ion:163 Resp: 947517
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.3 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

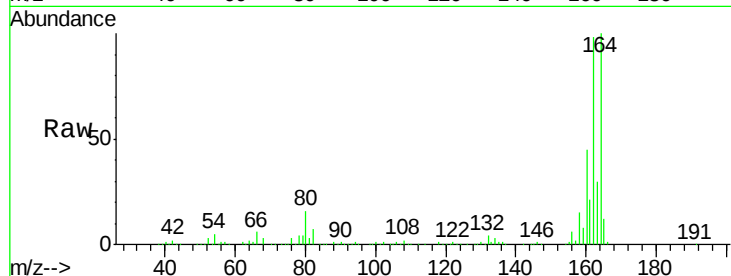




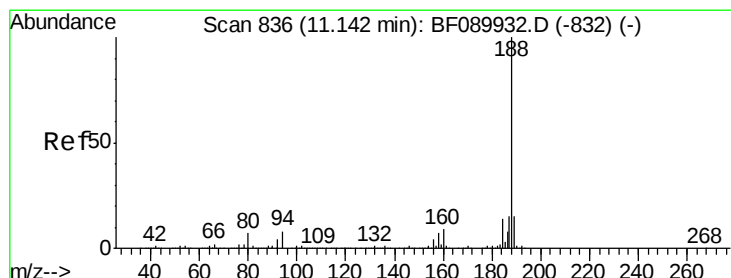
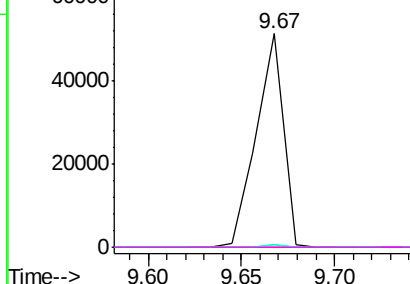
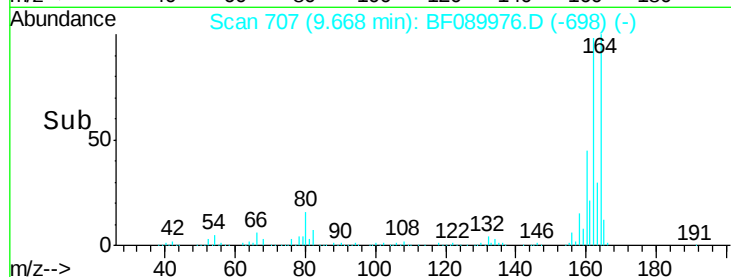
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 51517
Ion Ratio Lower Upper
165 100
63 1.1 32.5 48.7#
89 1.5 48.3 72.5#
182 0.0 1.7 2.5#

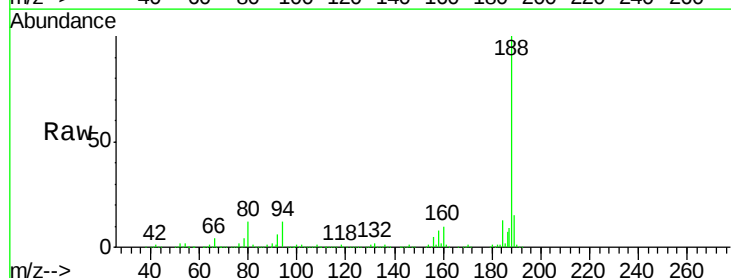


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

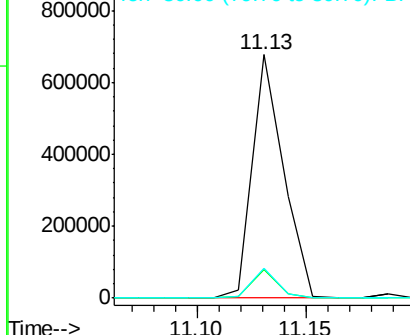
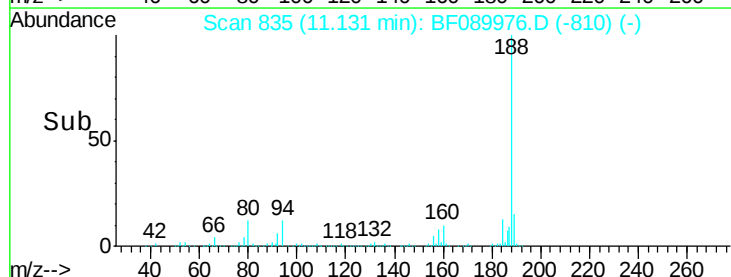


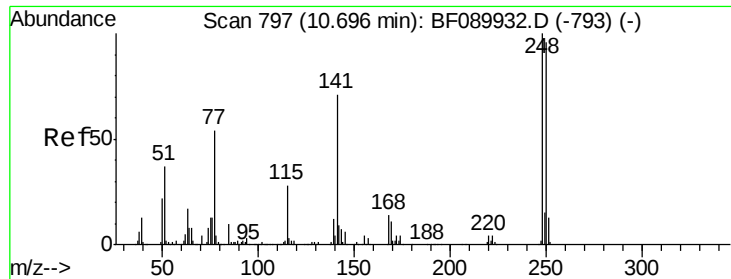
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Tgt Ion:188 Resp: 675948
Ion Ratio Lower Upper
188 100
94 11.5 5.9 8.9#
80 12.4 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

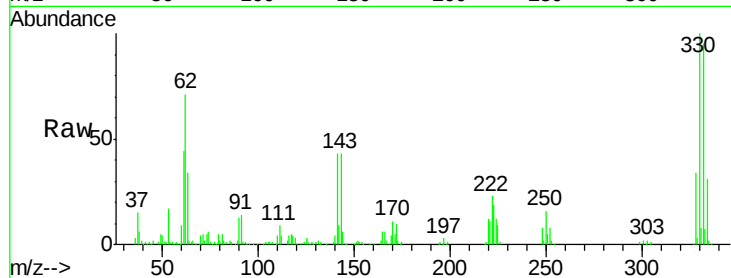




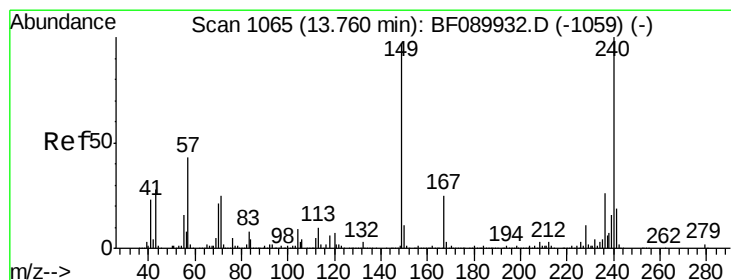
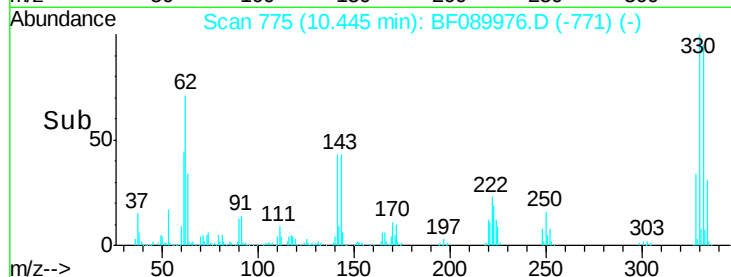
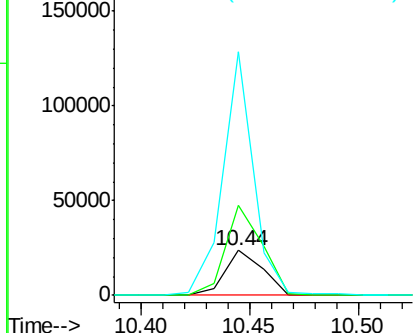
#66
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 28294
Ion Ratio Lower Upper
248 100
250 201.2 77.3 115.9#
141 542.2 55.8 83.8#

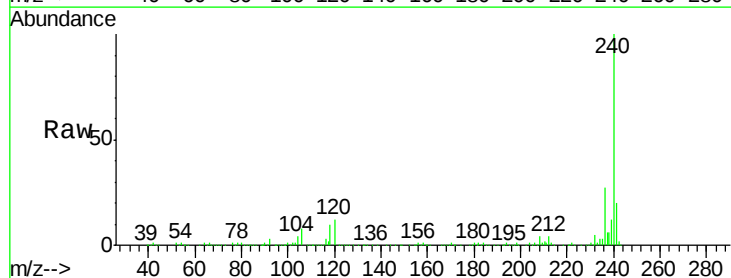


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

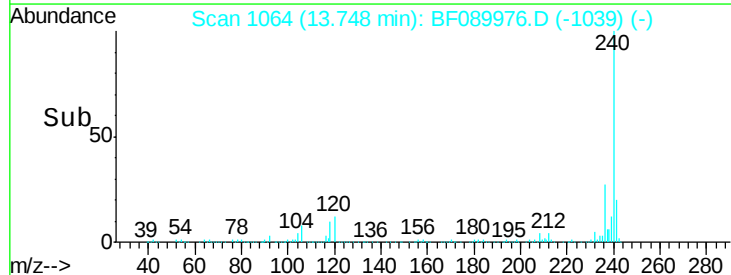
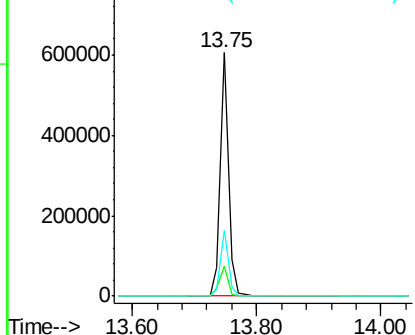


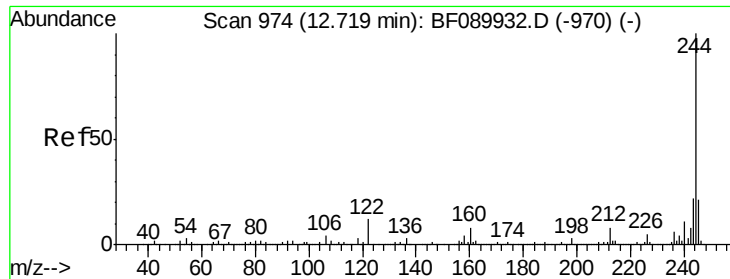
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089976.D
Acq: 2 Sep 2016 15:47

Tgt Ion:240 Resp: 543256
Ion Ratio Lower Upper
240 100
120 12.1 5.7 8.5#
236 27.1 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

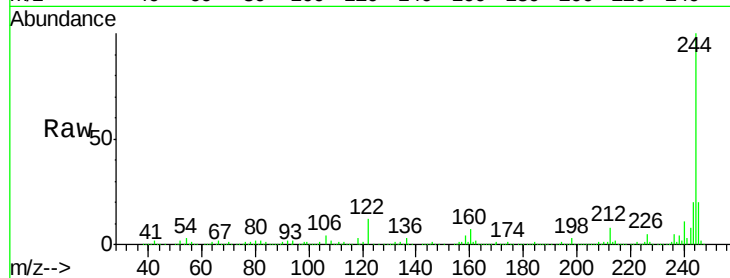




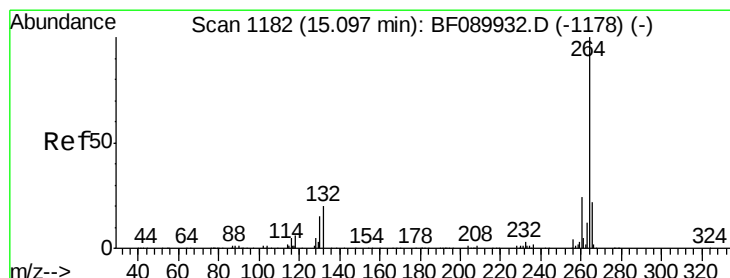
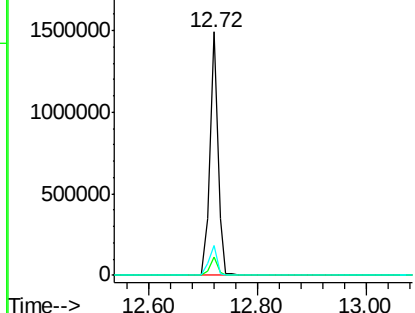
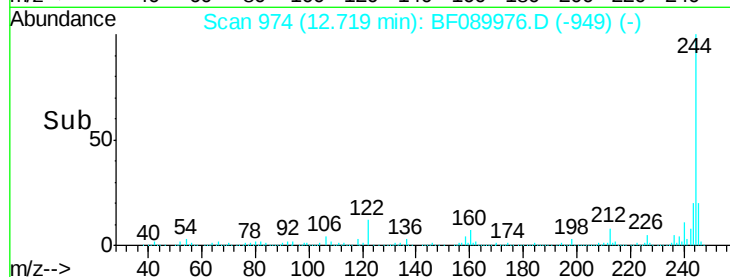
#78
 Terphenyl-d14
 Concen: 70.03 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF089976.D
 Acq: 2 Sep 2016 15:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1540033
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 12.2 9.6 14.4

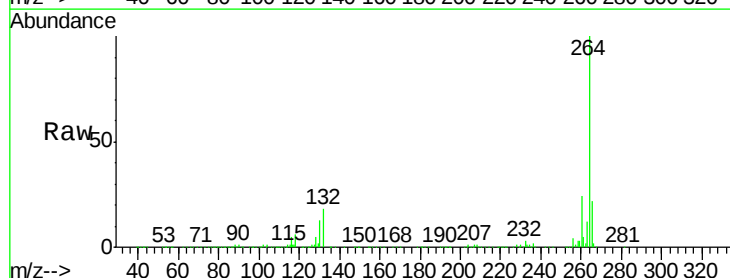


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089976.D
 Acq: 2 Sep 2016 15:47

Tgt Ion:264 Resp: 472002
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.0
 265 21.8 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

