

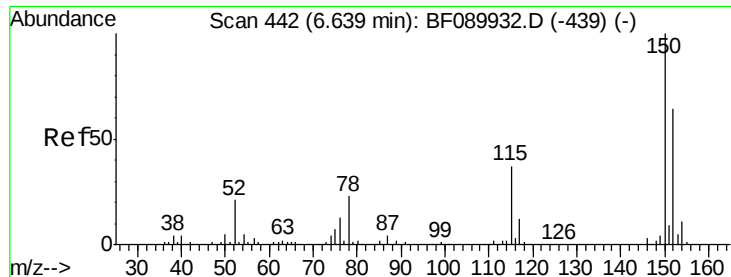
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089988.D
 Acq On : 2 Sep 2016 21:25
 Operator : UM/SJ
 Sample : H4675-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-5

Quant Time: Sep 02 23:02:37 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	203657	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	727835	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	364539	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	586808	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	468852	20.00	ng	-0.01
86) Perylene-d12	15.10	264	465592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1406710	110.56	ng	0.01
7) Phenol-d6	6.28	99	1695777	109.69	ng	0.00
23) Nitrobenzene-d5	7.21	82	1196623	95.35	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	414161	115.16	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1957740	88.16	ng	0.00
78) Terphenyl-d14	12.72	244	1360083	71.66	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	80266	4.46	ng	# 60
19) n-Nitroso-di-n-propylamine	7.21	70	159122	15.79	ng	# 76
25) Isophorone	7.21	82	1087932	42.63	ng	# 65
49) Dimethylphthalate	9.39	163	864303	32.80	ng	100
56) 2,4-Dinitrotoluene	9.67	165	46975	6.32	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	26379	4.47	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089988.D

Acq: 2 Sep 2016 21:25

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-5

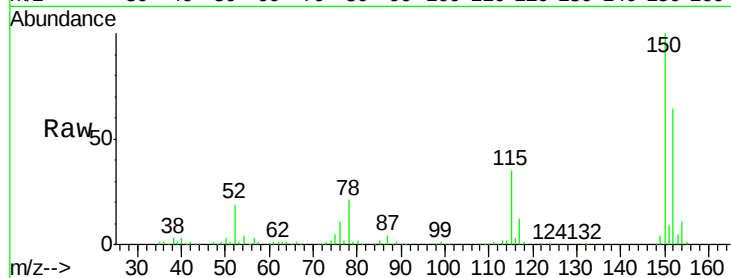
Tgt Ion:152 Resp: 203657

Ion Ratio Lower Upper

152 100

150 155.1 127.4 191.2

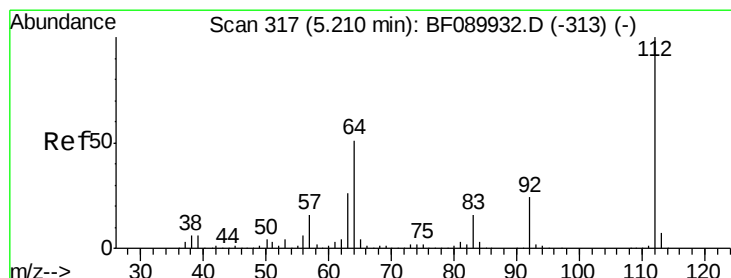
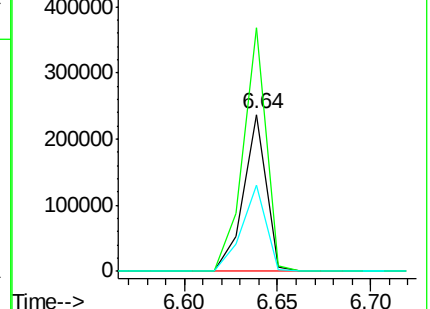
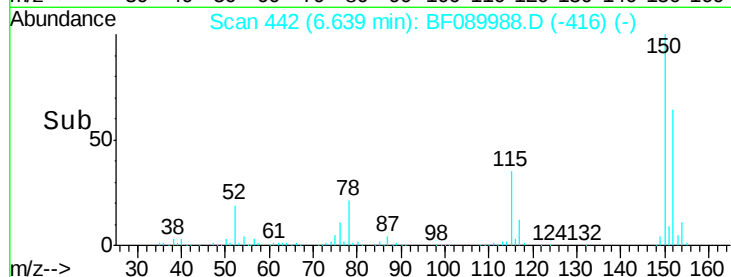
115 54.6 46.3 69.5



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: 110.56 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089988.D

Acq: 2 Sep 2016 21:25

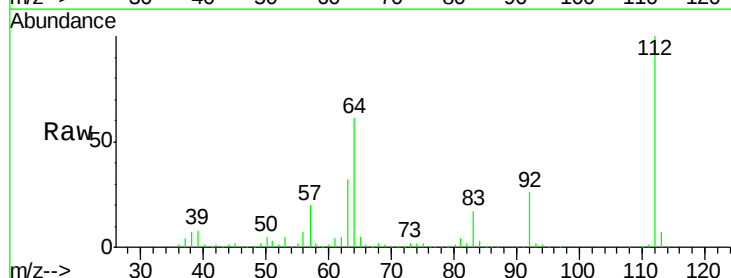
Tgt Ion:112 Resp: 1406710

Ion Ratio Lower Upper

112 100

64 61.2 41.1 61.7

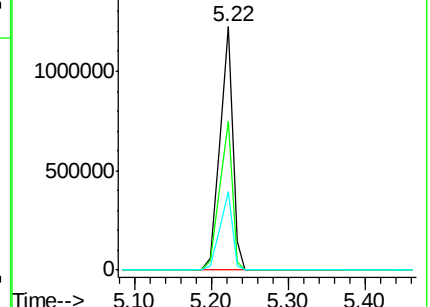
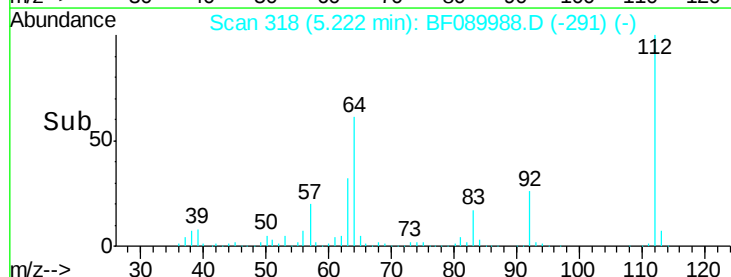
63 32.2 21.2 31.8#

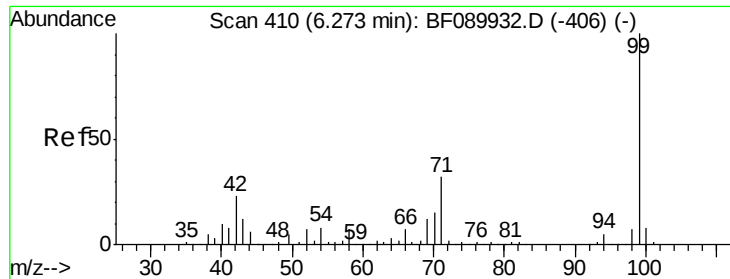


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.69 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089988.D

Acq: 2 Sep 2016 21:25

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-5

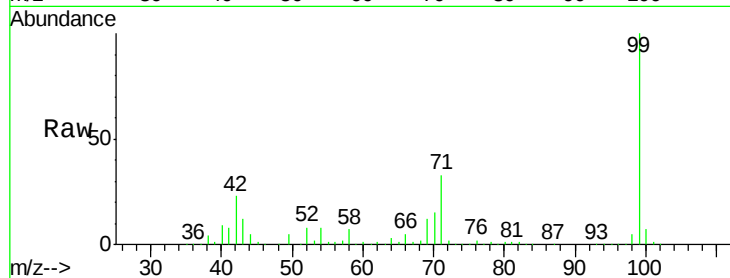
Tgt Ion: 99 Resp: 1695777

Ion Ratio Lower Upper

99 100

42 23.2 18.6 27.8

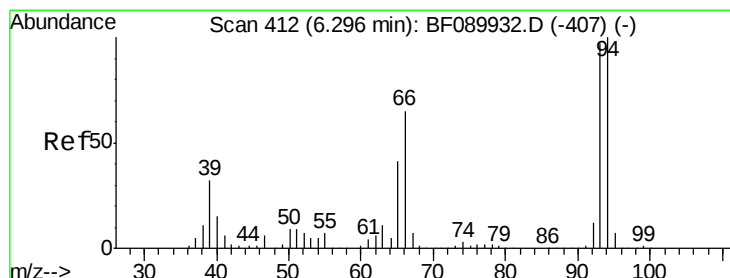
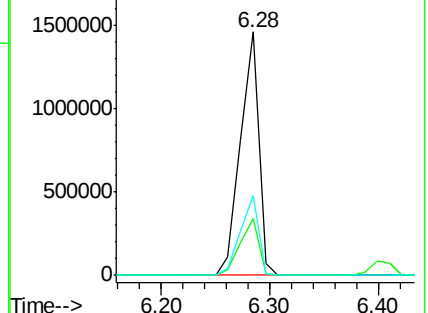
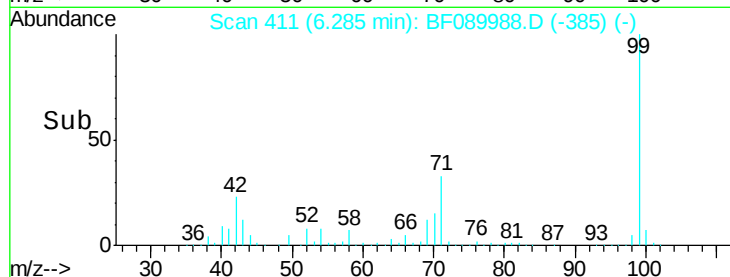
71 33.0 25.8 38.6



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: 4.46 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089988.D

Acq: 2 Sep 2016 21:25

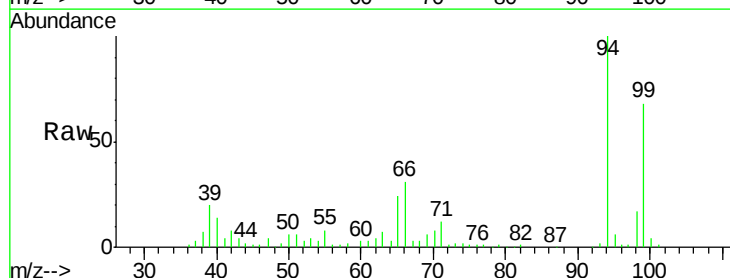
Tgt Ion: 94 Resp: 80266

Ion Ratio Lower Upper

94 100

65 23.9 23.2 63.2

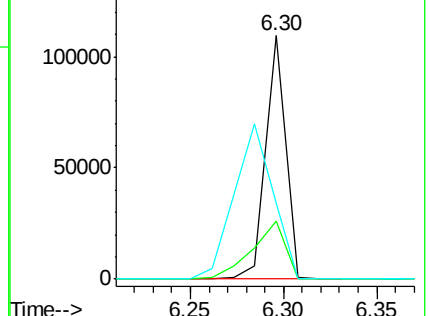
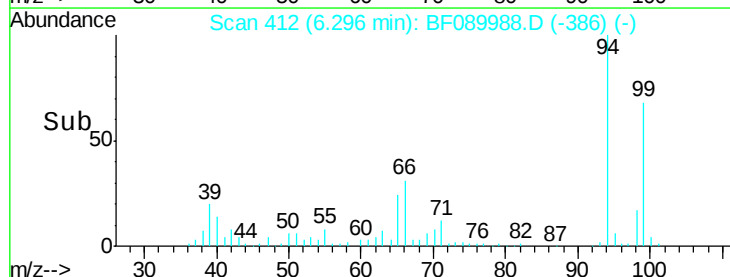
66 31.1 49.2 89.2#

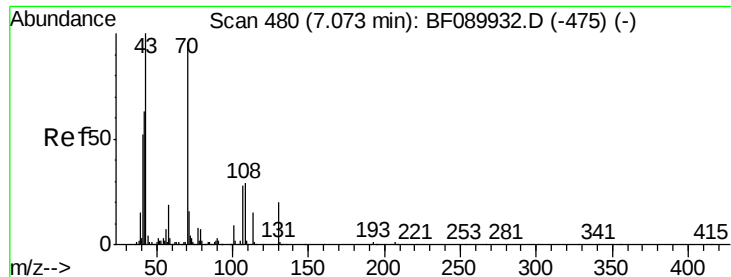


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

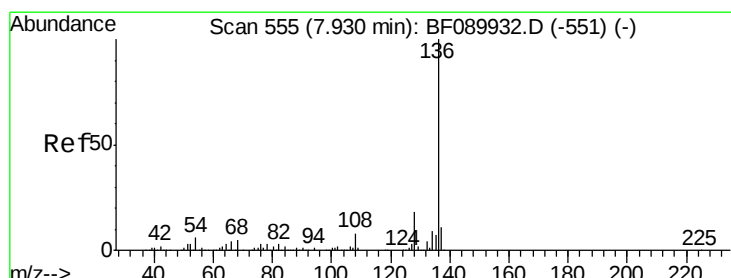
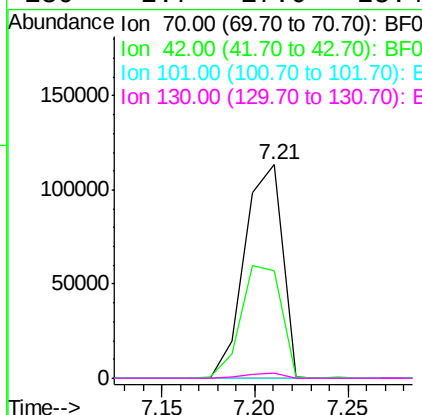
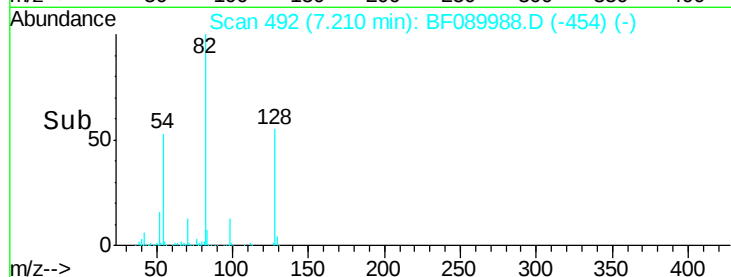
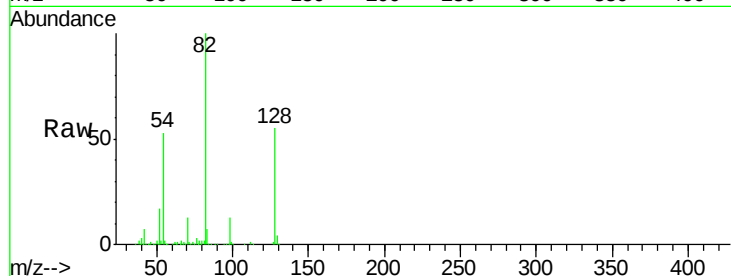




#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.14 min
Lab File: BF089988.D
Acq: 2 Sep 2016 21:25

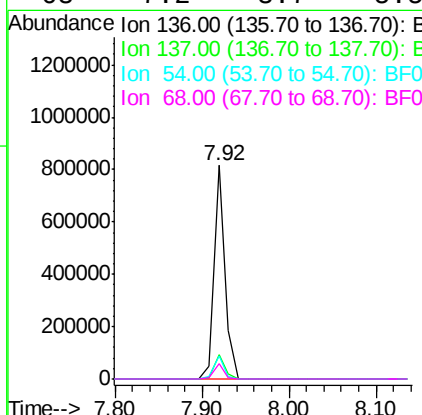
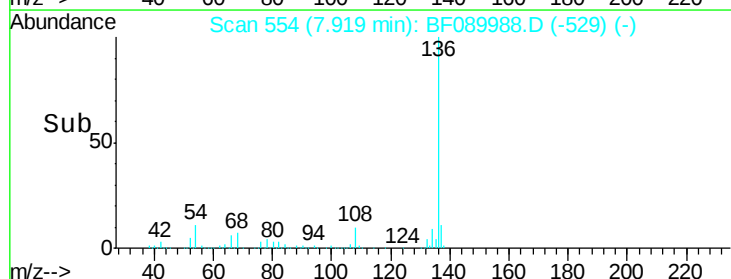
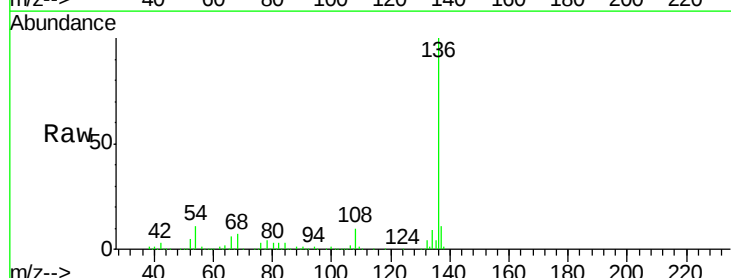
Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-5

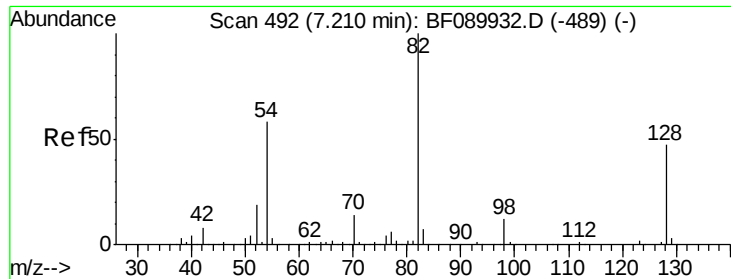
Tgt Ion: 70 Resp: 159122
Ion Ratio Lower Upper
70 100
42 50.2 52.1 78.1#
101 0.0 7.4 11.2#
130 2.7 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089988.D
Acq: 2 Sep 2016 21:25

Tgt Ion: 136 Resp: 727835
Ion Ratio Lower Upper
136 100
137 11.3 8.3 12.5
54 10.5 4.8 7.2#
68 7.2 3.7 5.5#

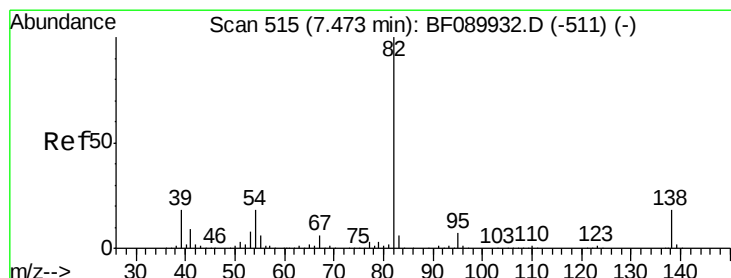
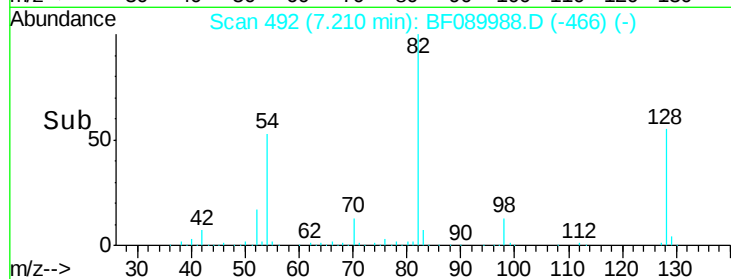
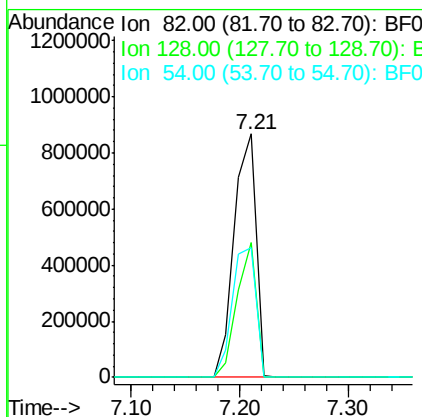
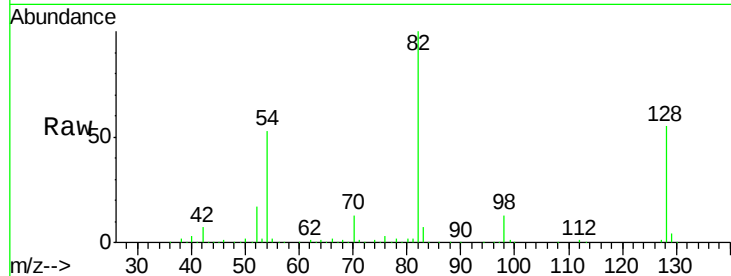




#23
 Nitrobenzene-d5
 Concen: 95.35 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

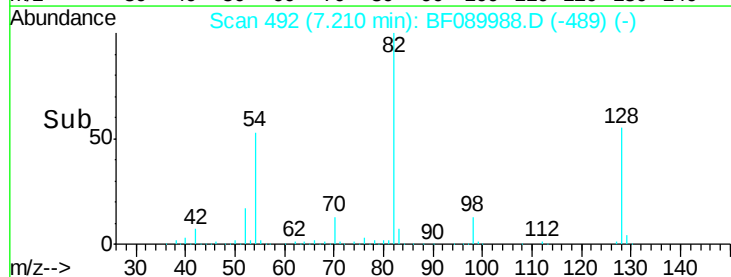
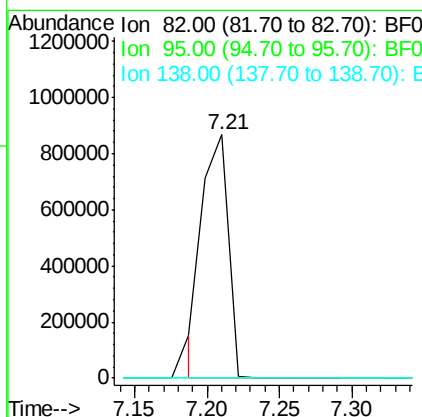
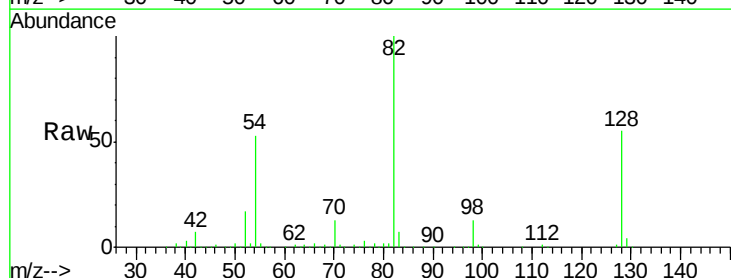
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-5

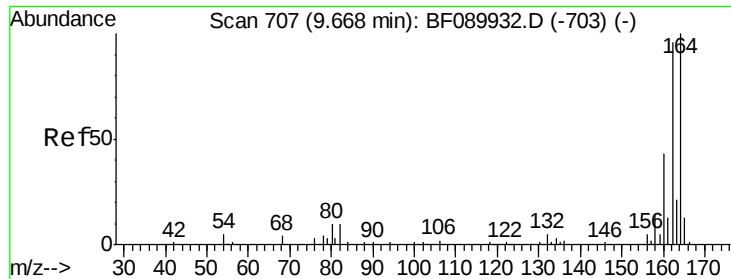
Tgt Ion: 82 Resp: 1196623
 Ion Ratio Lower Upper
 82 100
 128 55.1 37.8 56.8
 54 53.0 46.9 70.3



#25
 Isophorone
 Concen: 42.63 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.26 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

Tgt Ion: 82 Resp: 1087932
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 14.4 21.6#

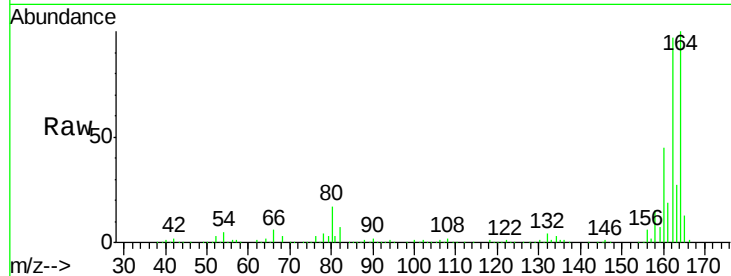




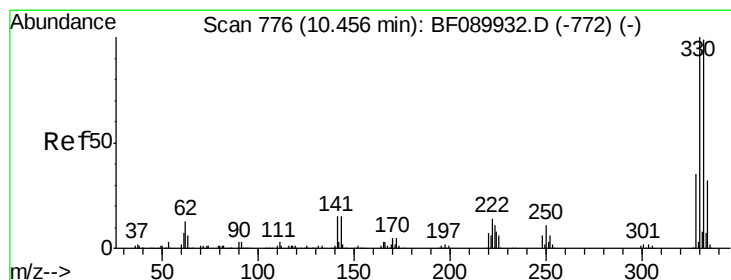
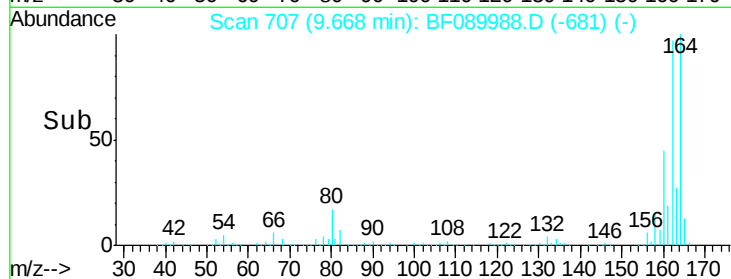
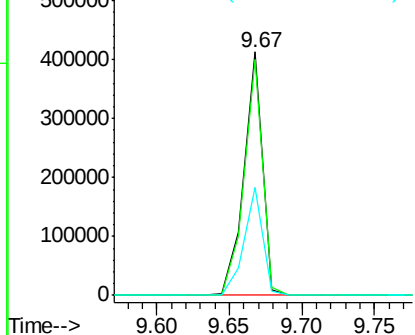
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-5

Tgt Ion:164 Resp: 364539
 Ion Ratio Lower Upper
 164 100
 162 97.1 77.1 115.7
 160 44.5 35.3 52.9

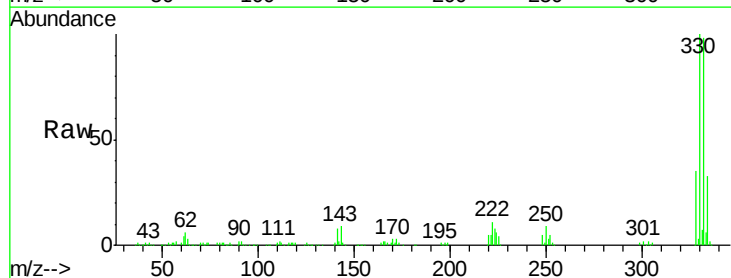


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

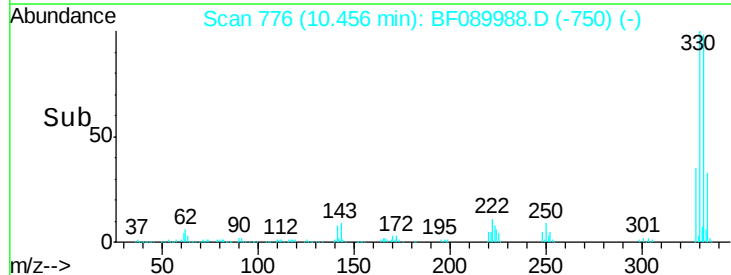
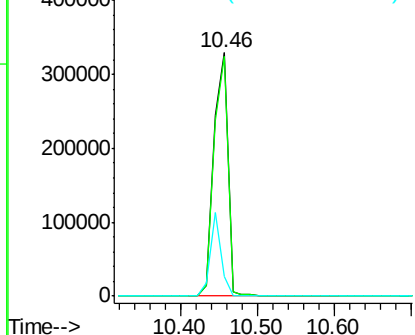


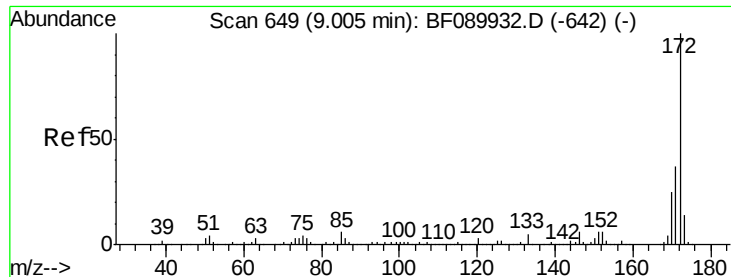
#41
 2,4,6-Tribromophenol
 Concen: 115.16 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

Tgt Ion:330 Resp: 414161
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.6 117.8
 141 27.1 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

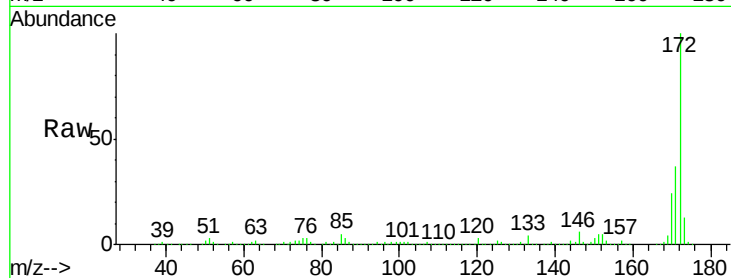




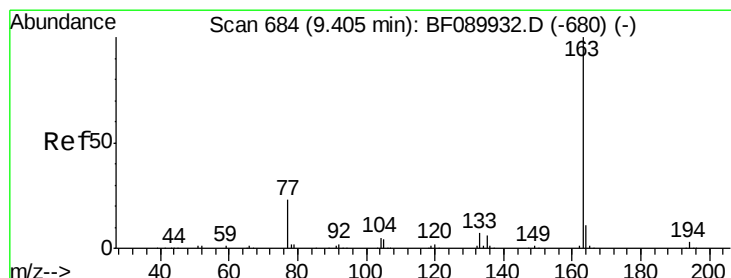
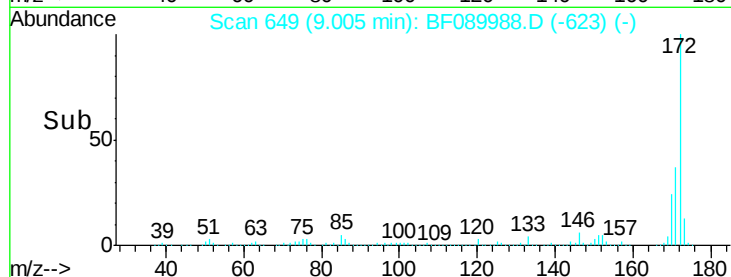
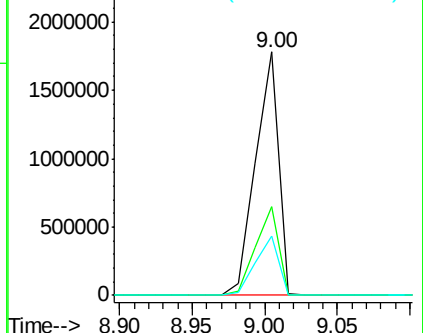
#44
 2-Fluorobiphenyl
 Concen: 88.16 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-5

Tgt Ion:172 Resp: 1957740
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.5 20.1 30.1

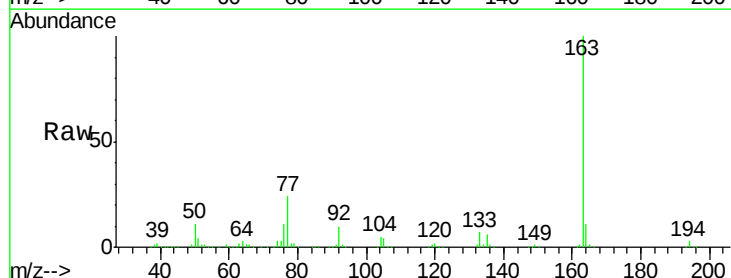


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

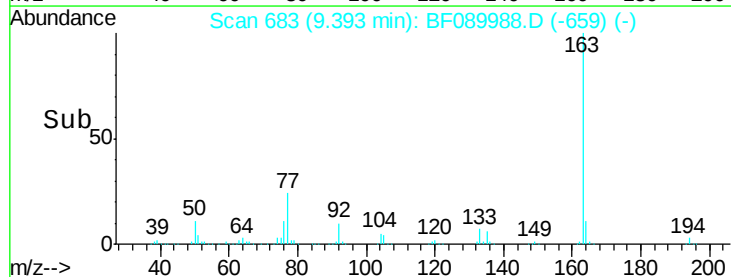
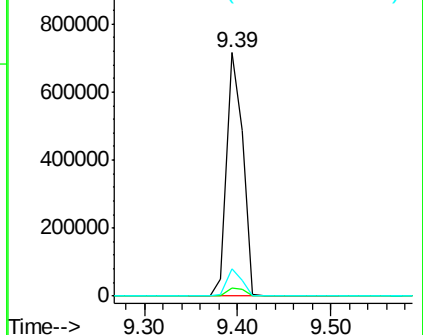


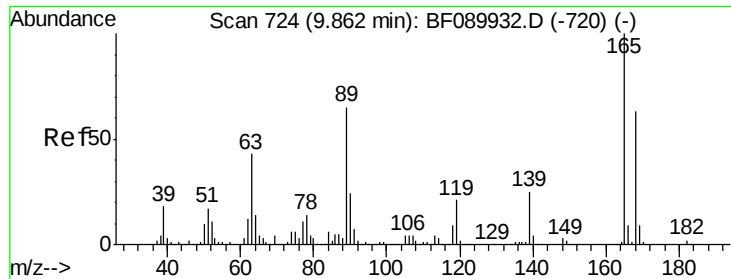
#49
 Dimethylphthalate
 Concen: 32.80 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

Tgt Ion:163 Resp: 864303
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 11.0 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

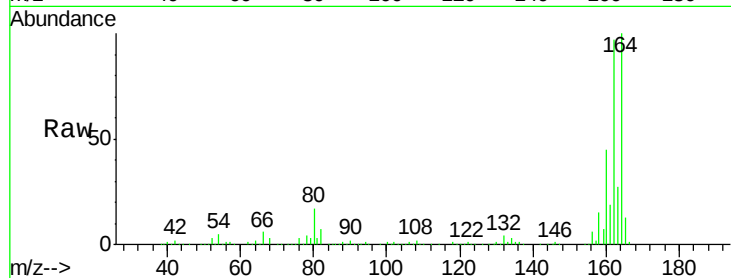




#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.19 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-5

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#

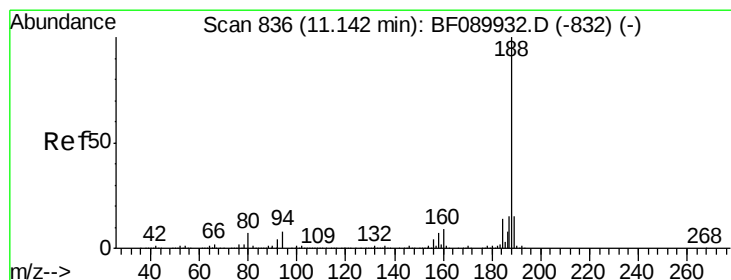
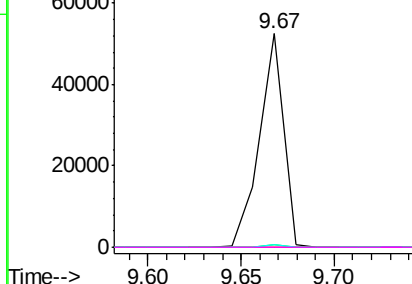
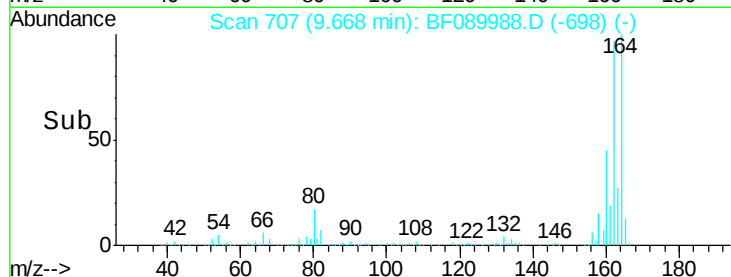


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

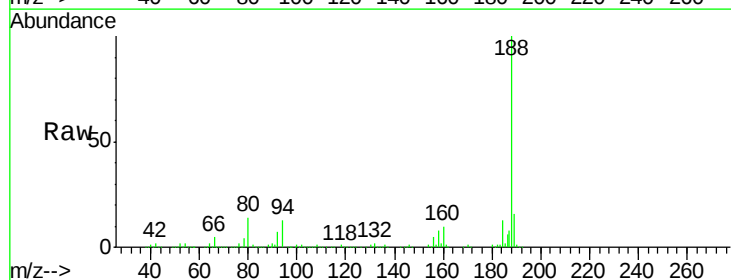
Ion 89.00 (88.70 to 89.70): BF0

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: BF089988.D
 Acq: 2 Sep 2016 21:25

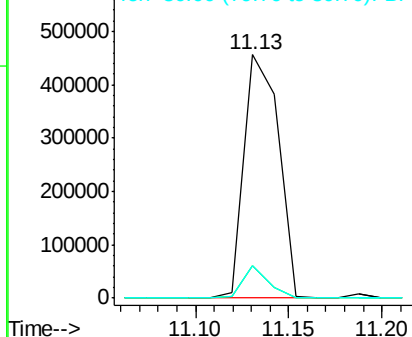
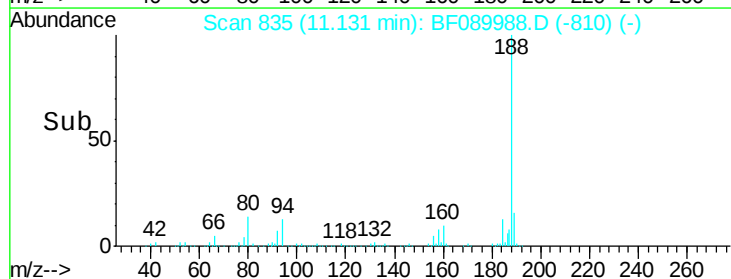
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.3	5.9	8.9#
80	13.6	5.8	8.8#

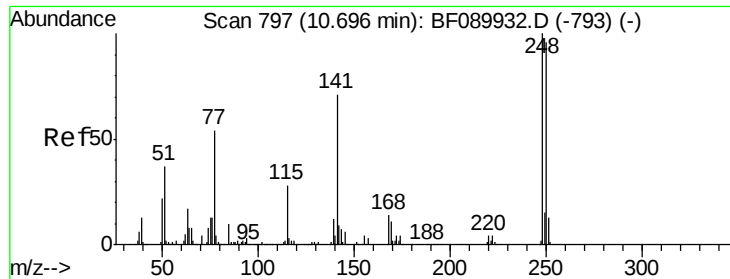


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

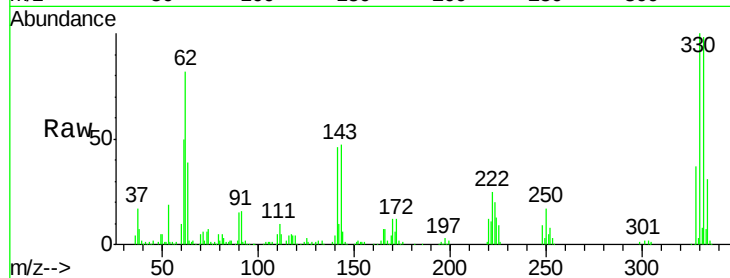




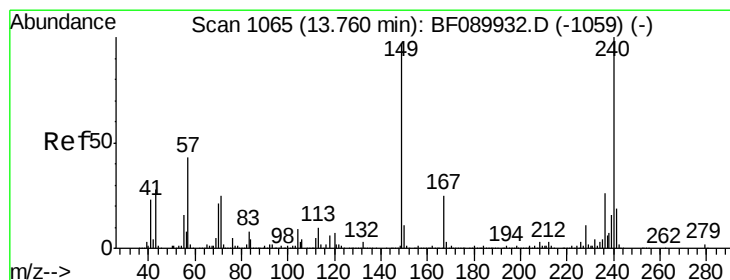
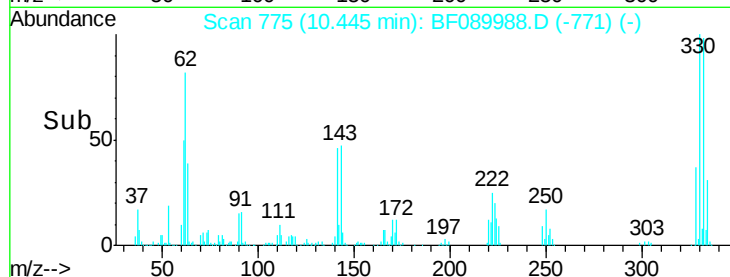
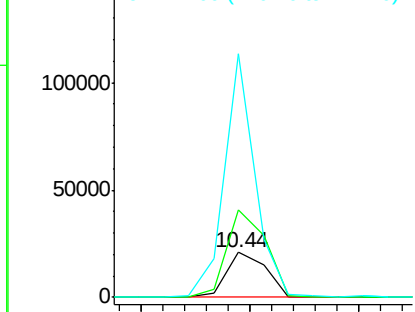
#66
 4-Bromophenyl-phenylether
 Concen: 4.47 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.25 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-5

Tgt Ion:248 Resp: 26379
 Ion Ratio Lower Upper
 248 100
 250 195.2 77.3 115.9#
 141 539.8 55.8 83.8#

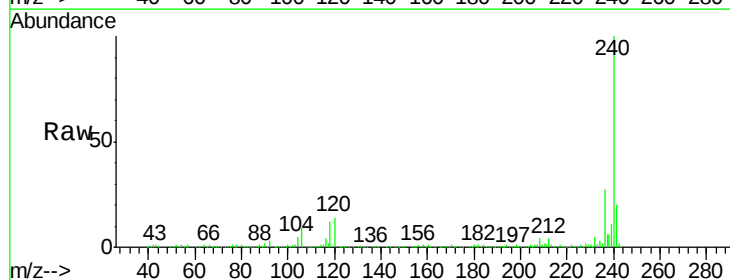


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

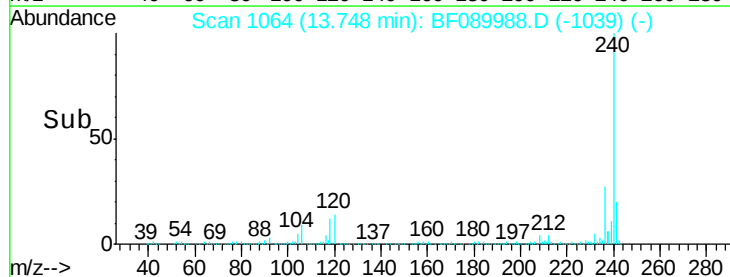
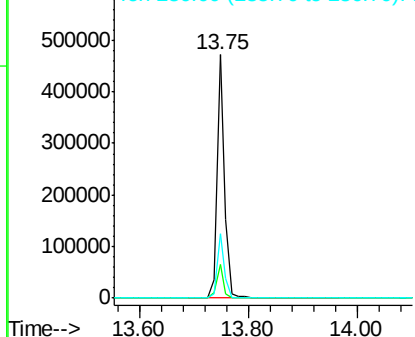


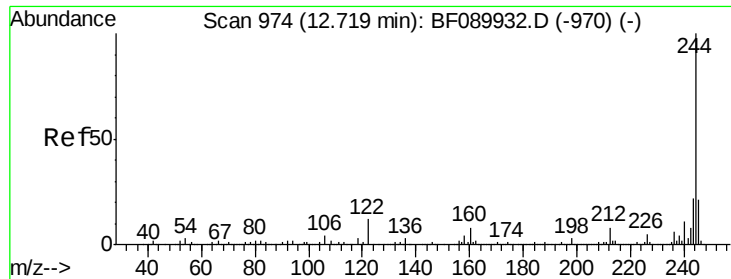
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

Tgt Ion:240 Resp: 468852
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.7 8.5#
 236 26.6 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

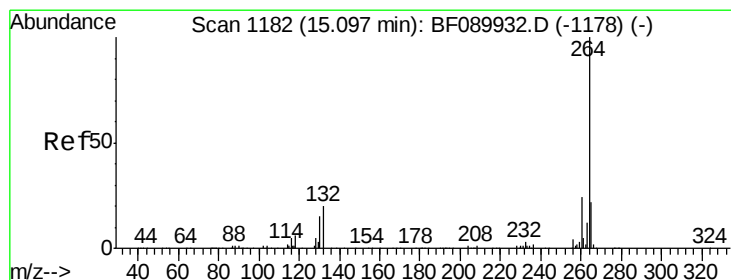
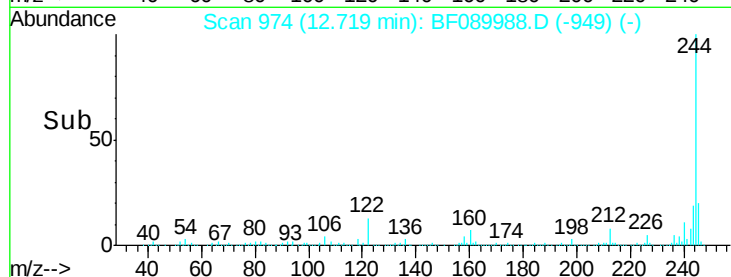
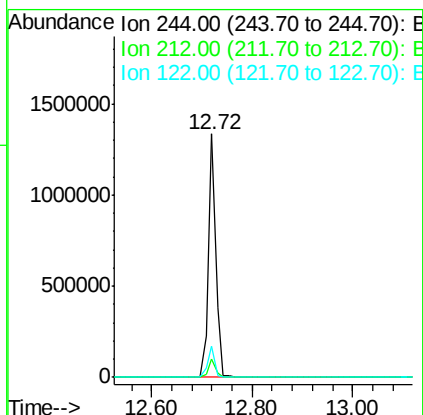
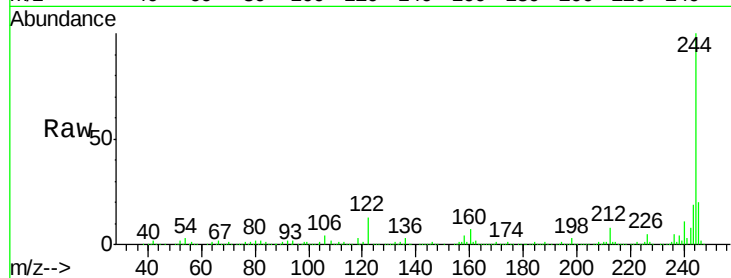




#78
 Terphenyl-d14
 Concen: 71.66 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF089988.D
 Acq: 2 Sep 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-5

Tgt Ion:244 Resp: 1360083
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.6 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: BF089988.D
 Acq: 2 Sep 2016 21:25

Tgt Ion:264 Resp: 465592
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.0
 265 21.9 17.4 26.2

