

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089983.D
 Acq On : 2 Sep 2016 19:04
 Operator : UM/SJ
 Sample : H4675-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-5

Quant Time: Sep 02 23:01:41 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

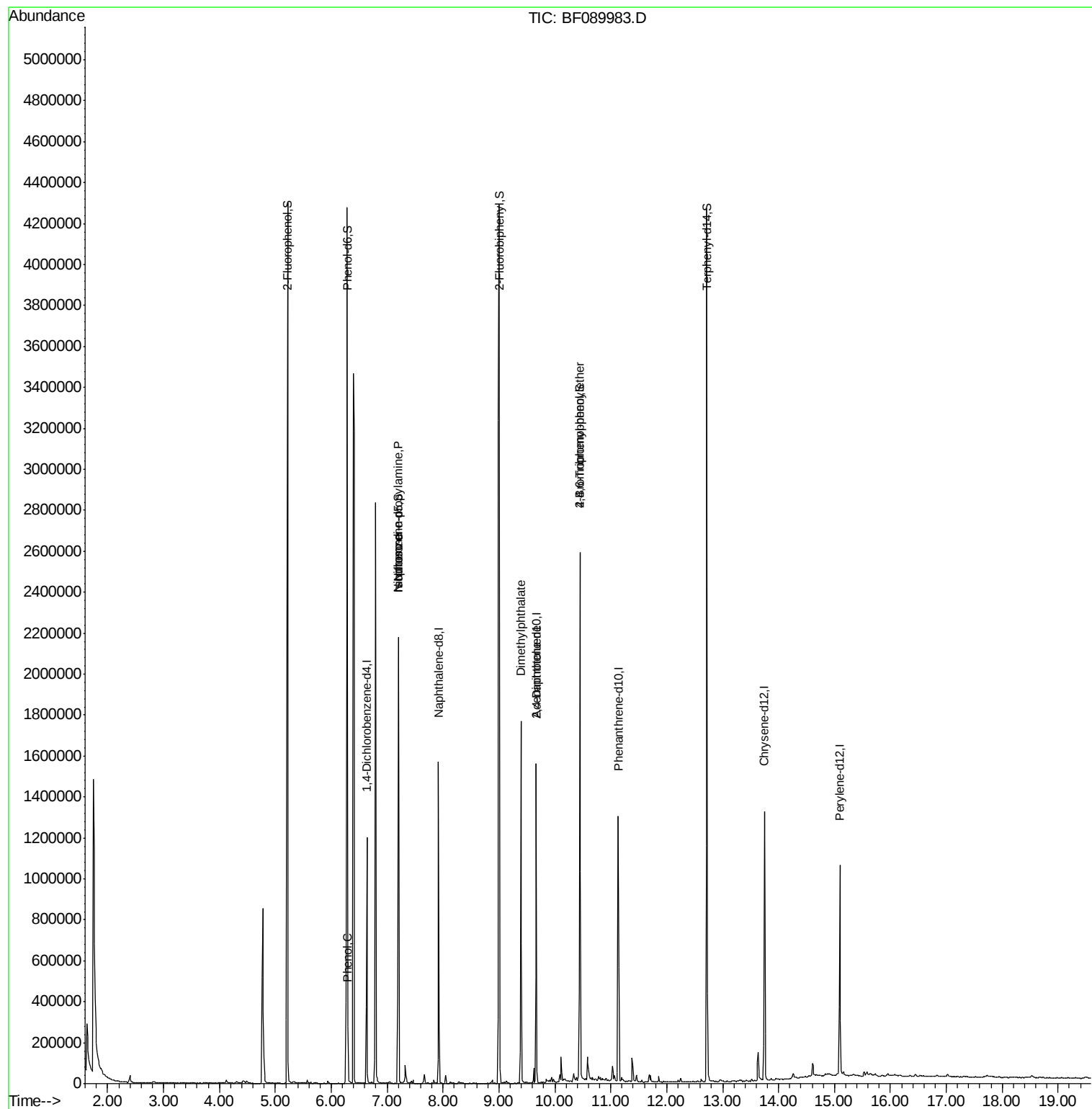
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	186681	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	668599	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	333492	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	543817	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	438851	20.00	ng	-0.01
86) Perylene-d12	15.10	264	425445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1366936	117.20	ng	0.01
7) Phenol-d6	6.28	99	1670617	117.89	ng	0.00
23) Nitrobenzene-d5	7.20	82	1050058	91.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	378231	114.96	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1902236	93.63	ng	0.00
78) Terphenyl-d14	12.72	244	1370392	77.14	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	61884	3.76	ng	# 57
19) n-Nitroso-di-n-propylamine	7.20	70	138225	14.97	ng	# 84
25) Isophorone	7.20	82	951601	40.59	ng	# 65
49) Dimethylphthalate	9.39	163	843450	34.99	ng	99
56) 2,4-Dinitrotoluene	9.67	165	42040	6.18	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	23582	4.31	ng	# 1

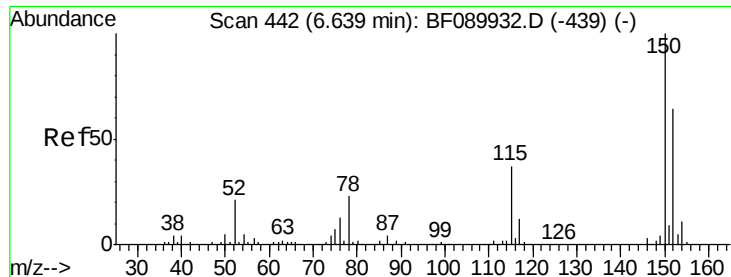
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089983.D

Acq: 2 Sep 2016 19:04

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-5

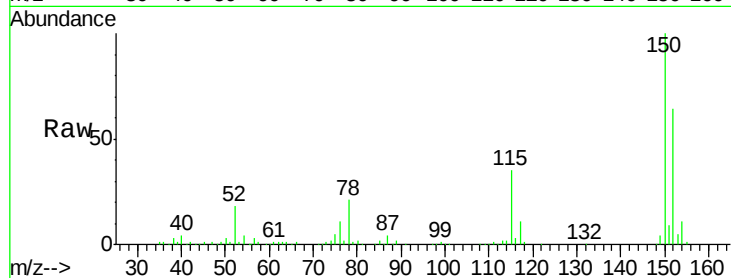
Tgt Ion:152 Resp: 186681

Ion Ratio Lower Upper

152 100

150 156.2 127.4 191.2

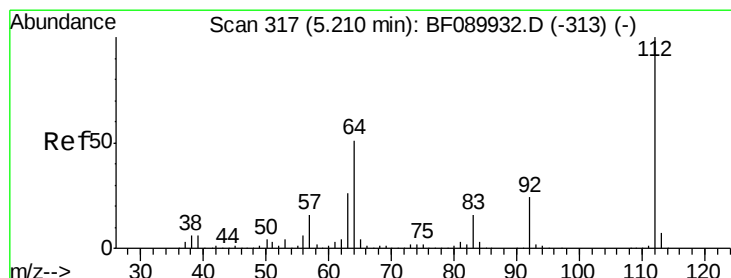
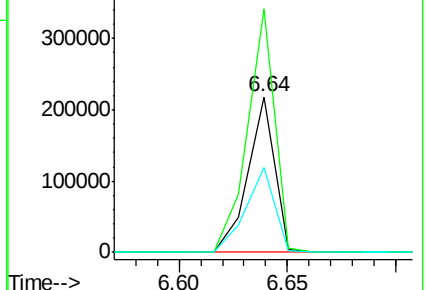
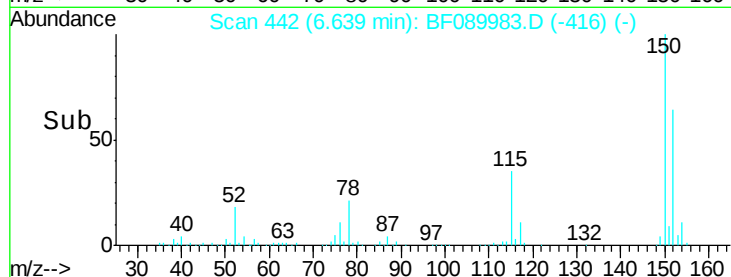
115 54.3 46.3 69.5



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: 117.20 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089983.D

Acq: 2 Sep 2016 19:04

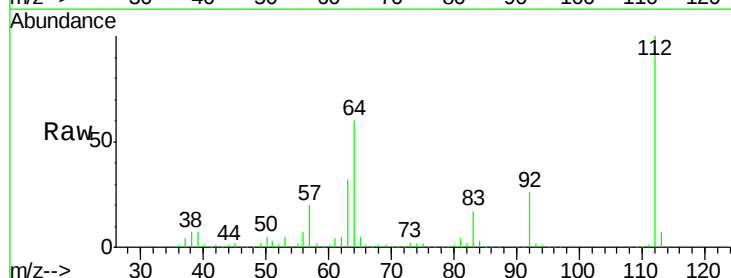
Tgt Ion:112 Resp: 1366936

Ion Ratio Lower Upper

112 100

64 60.5 41.1 61.7

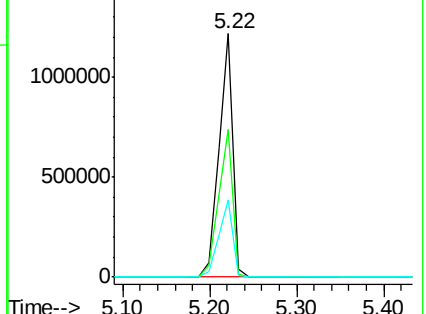
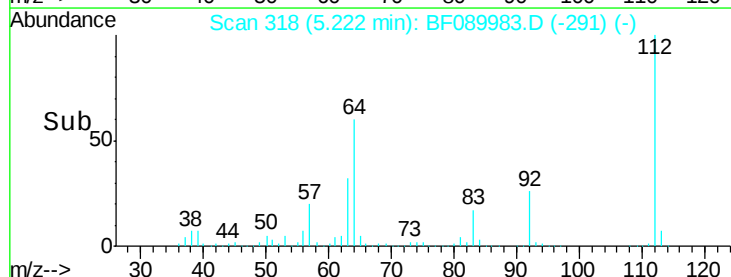
63 31.5 21.2 31.8



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: 117.89 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089983.D

Acq: 2 Sep 2016 19:04

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-5

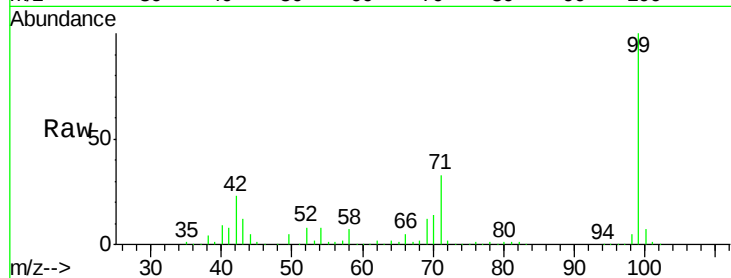
Tgt Ion: 99 Resp: 1670617

Ion Ratio Lower Upper

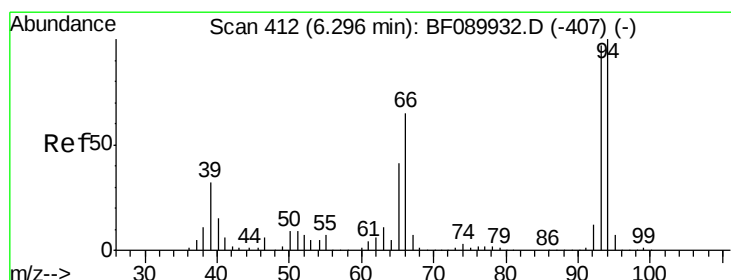
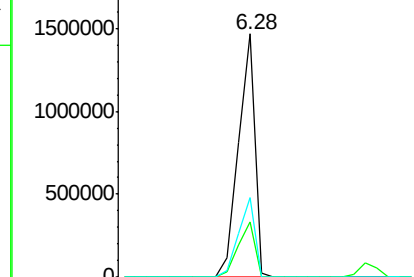
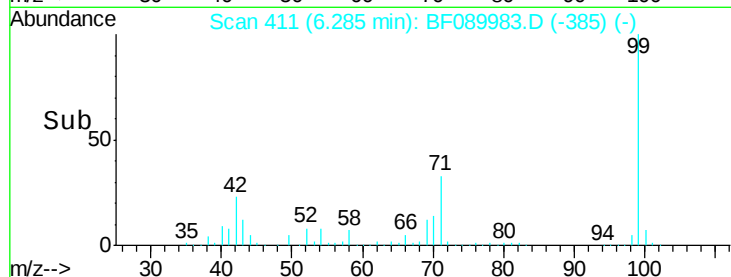
99 100

42 22.8 18.6 27.8

71 32.7 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: 3.76 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089983.D

Acq: 2 Sep 2016 19:04

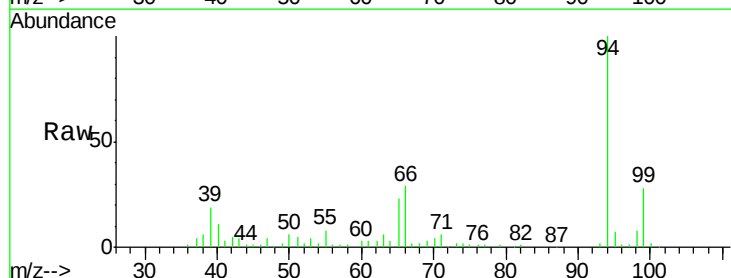
Tgt Ion: 94 Resp: 61884

Ion Ratio Lower Upper

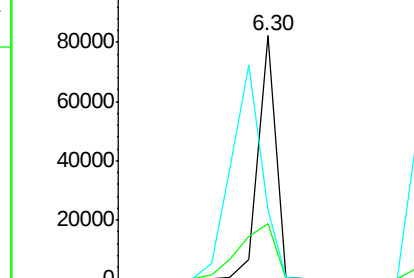
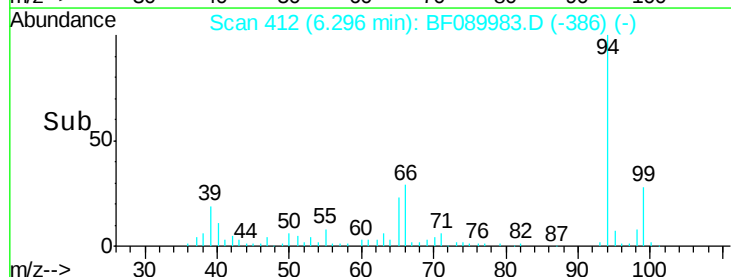
94 100

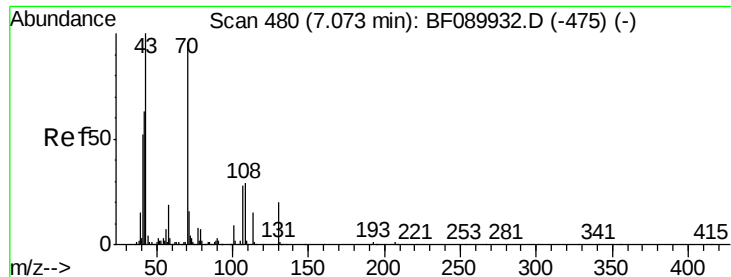
65 22.8 23.2 63.2#

66 28.6 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

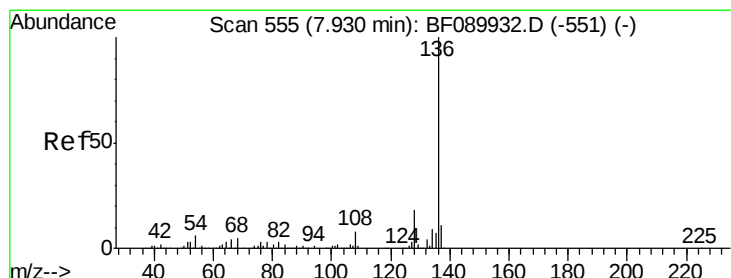
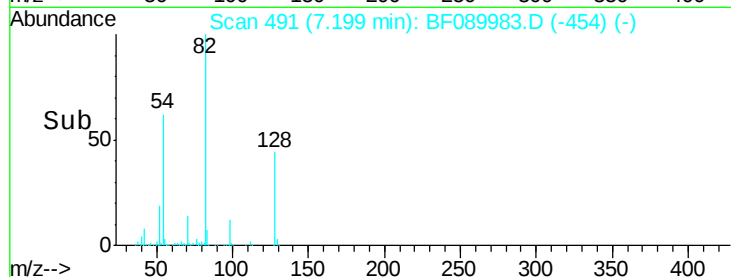
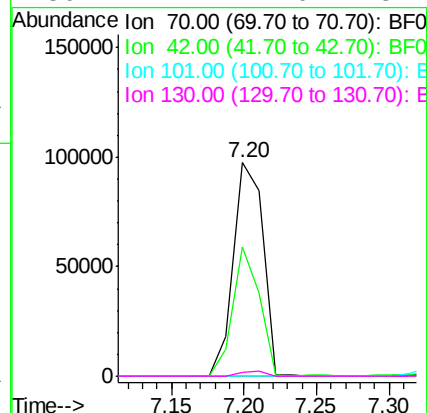
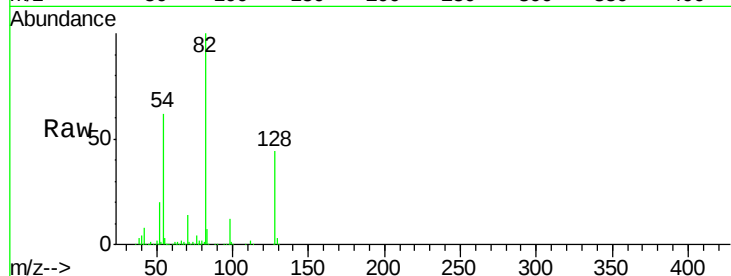




#19
n-Nitroso-di-n-propylamine
Concen: 14.97 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.13 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

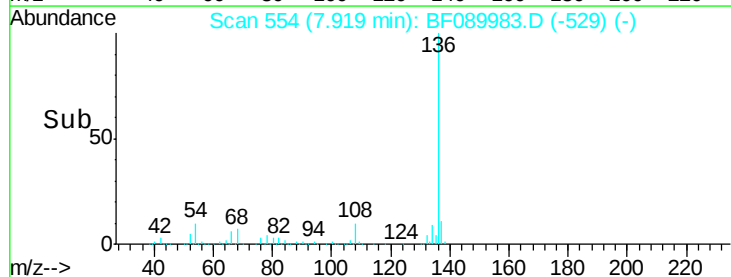
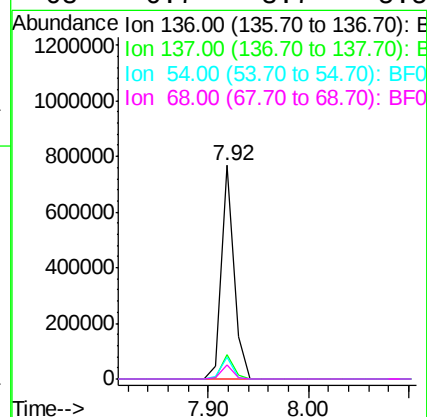
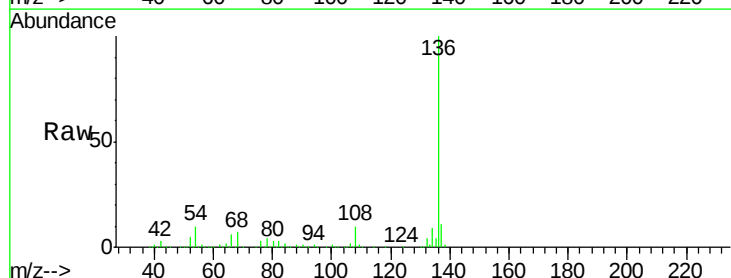
Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

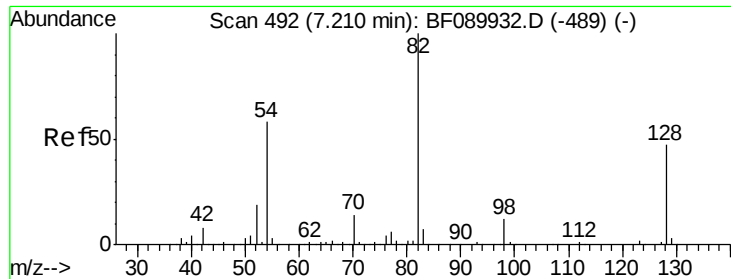
Tgt Ion: 70 Resp: 138225
Ion Ratio Lower Upper
70 100
42 60.3 52.1 78.1
101 0.0 7.4 11.2#
130 2.1 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Tgt Ion: 136 Resp: 668599
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 10.0 4.8 7.2#
68 6.7 3.7 5.5#

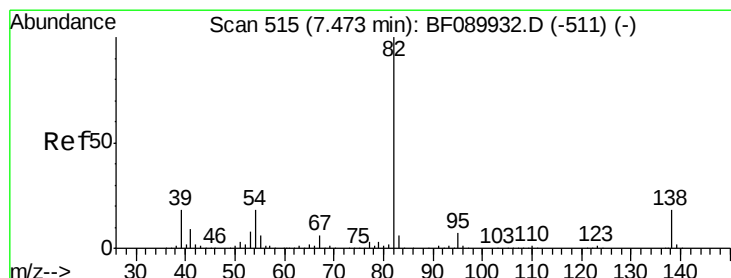
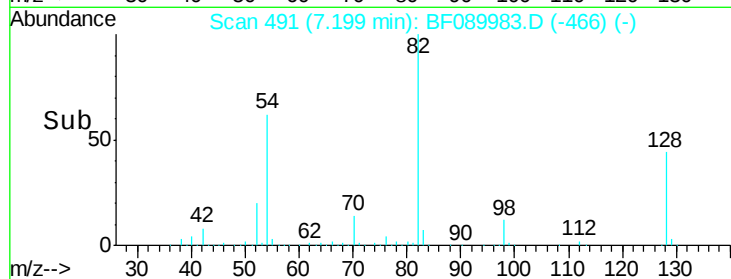
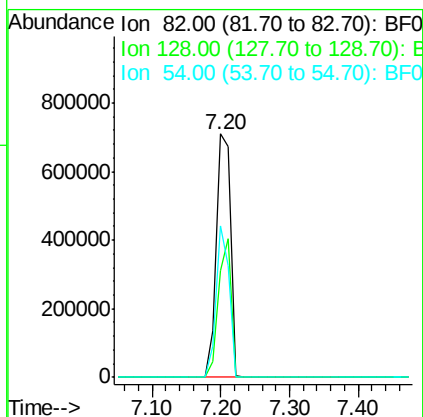
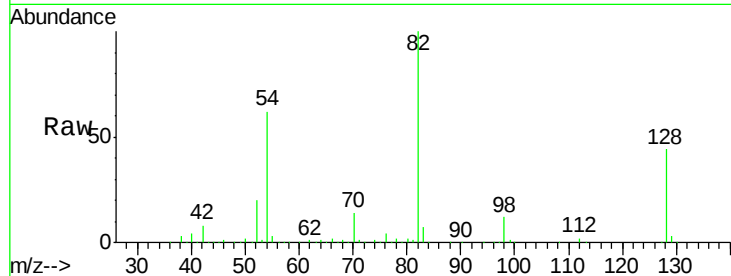




#23
 Nitrobenzene-d5
 Concen: 91.08 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089983.D
 Acq: 2 Sep 2016 19:04

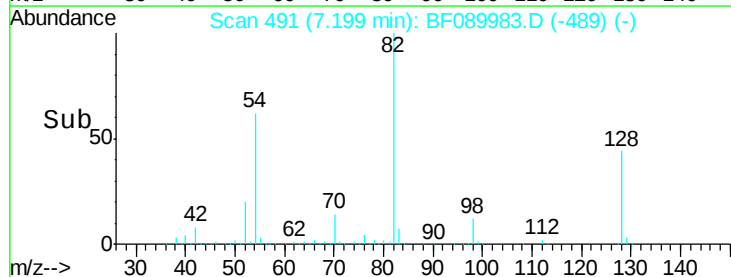
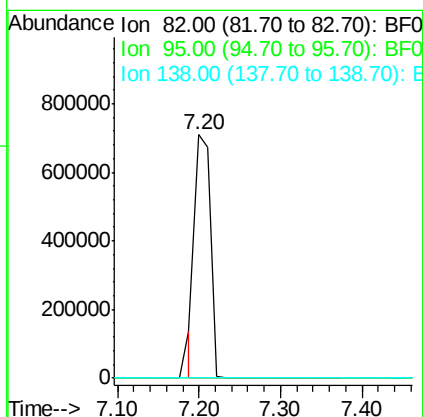
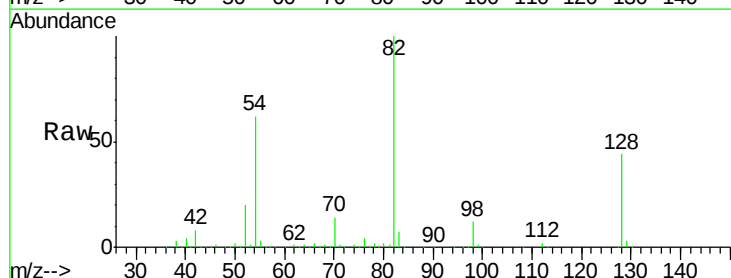
Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-5

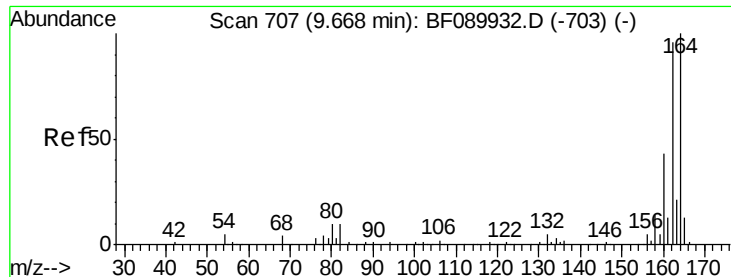
Tgt Ion: 82 Resp: 1050058
 Ion Ratio Lower Upper
 82 100
 128 43.6 37.8 56.8
 54 62.0 46.9 70.3



#25
 Isophorone
 Concen: 40.59 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.27 min
 Lab File: BF089983.D
 Acq: 2 Sep 2016 19:04

Tgt Ion: 82 Resp: 951601
 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: BF089983.D

Acq: 2 Sep 2016 19:04

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-5

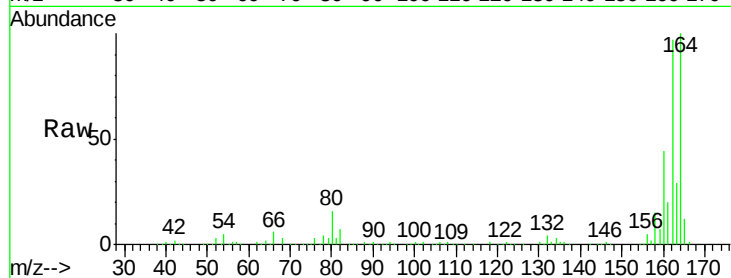
Tgt Ion:164 Resp: 333492

Ion Ratio Lower Upper

164 100

162 96.7 77.1 115.7

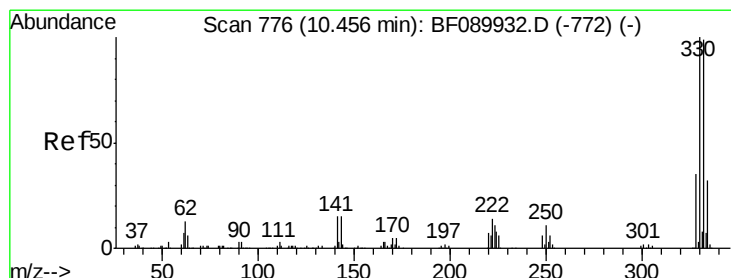
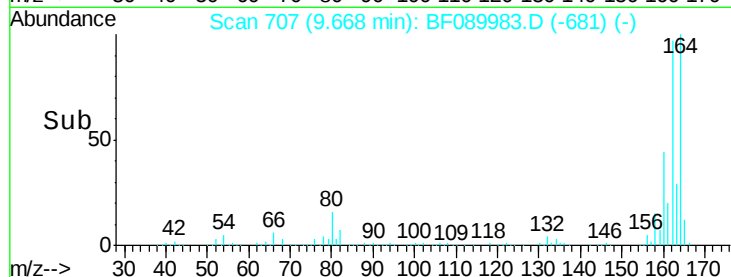
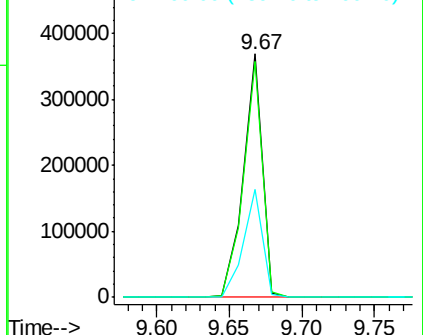
160 44.3 35.3 52.9



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: 114.96 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF089983.D

Acq: 2 Sep 2016 19:04

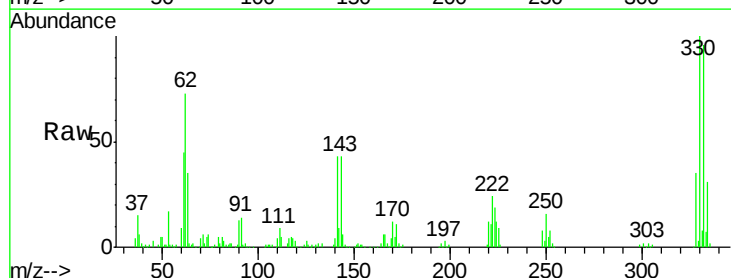
Tgt Ion:330 Resp: 378231

Ion Ratio Lower Upper

330 100

332 96.5 78.6 117.8

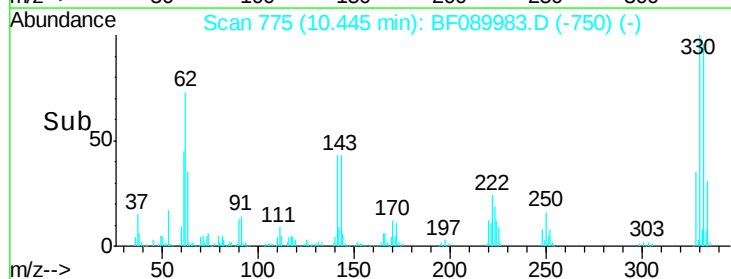
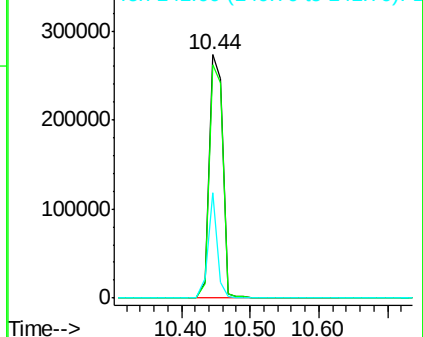
141 29.4 23.3 34.9

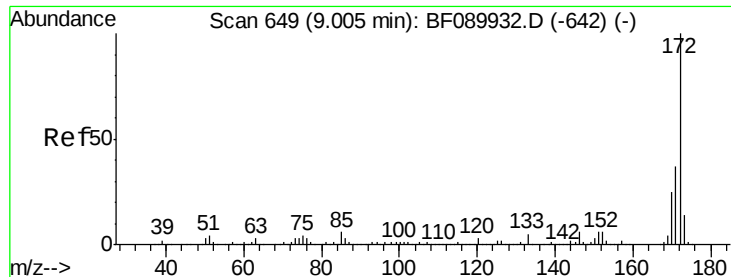


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

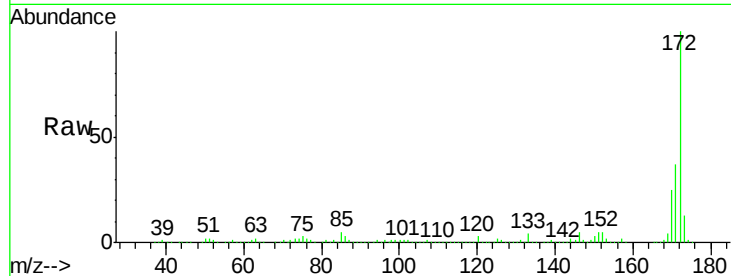




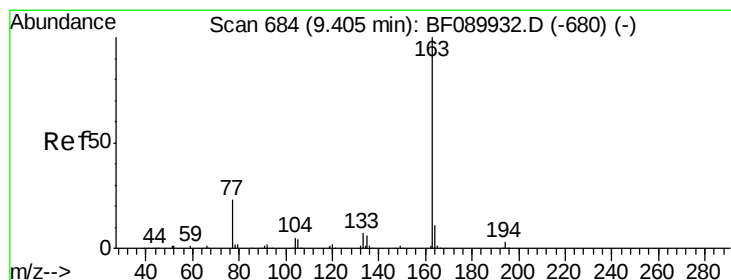
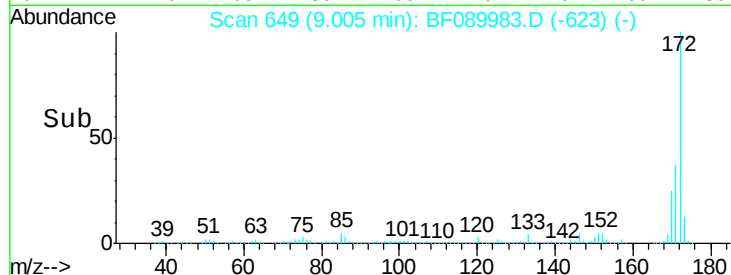
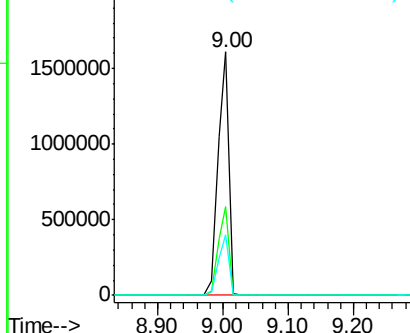
#44
2-Fluorobiphenyl
Concen: 93.63 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

Tgt Ion:172 Resp: 1902236
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 24.8 20.1 30.1

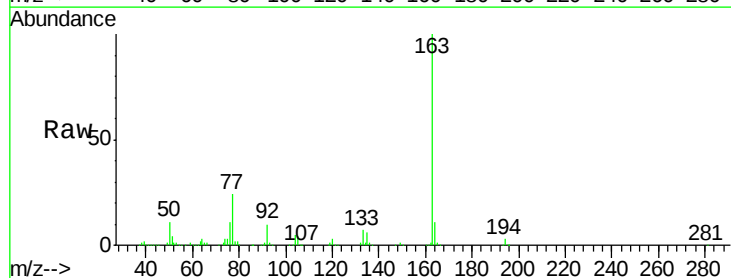


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

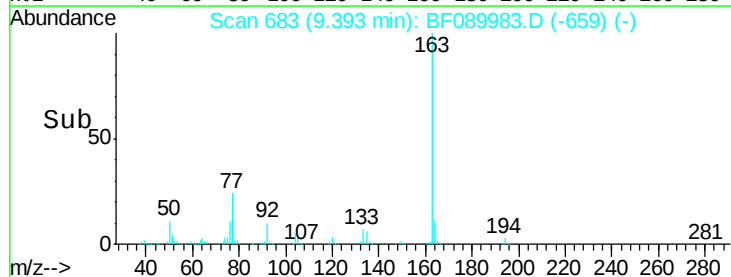
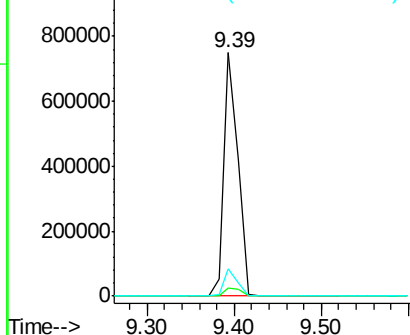


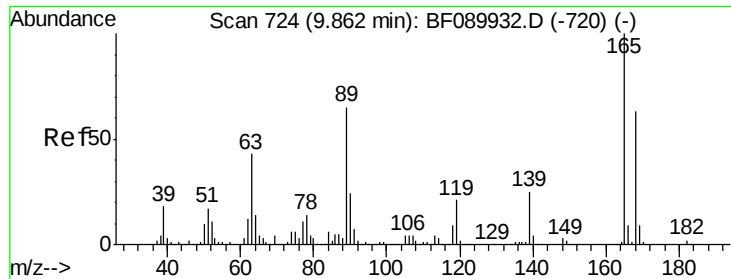
#49
Dimethylphthalate
Concen: 34.99 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Tgt Ion:163 Resp: 843450
Ion Ratio Lower Upper
163 100
194 3.2 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

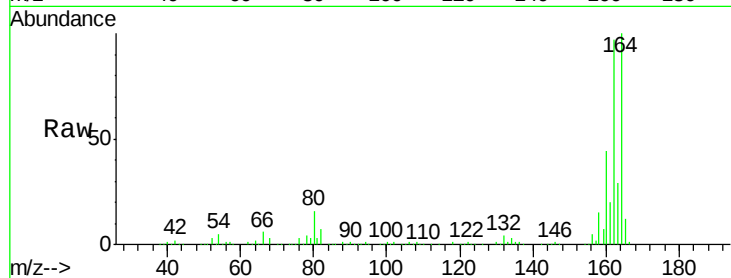




#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF089983.D
Acq: 2 Sep 2016 19:04

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.5	48.7#
89	1.4	48.3	72.5#
182	0.0	1.7	2.5#

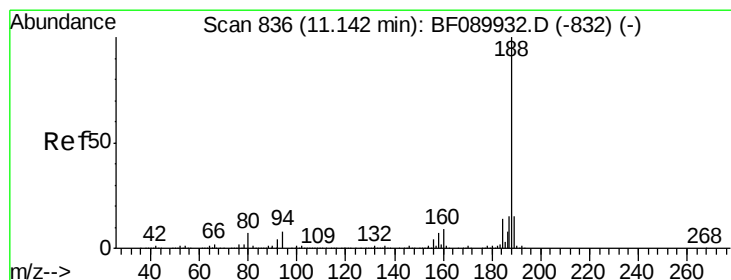
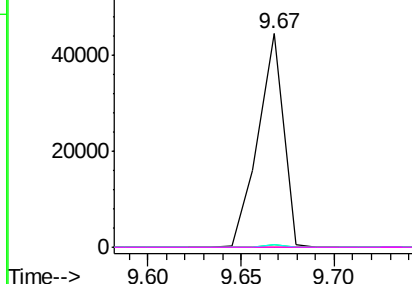
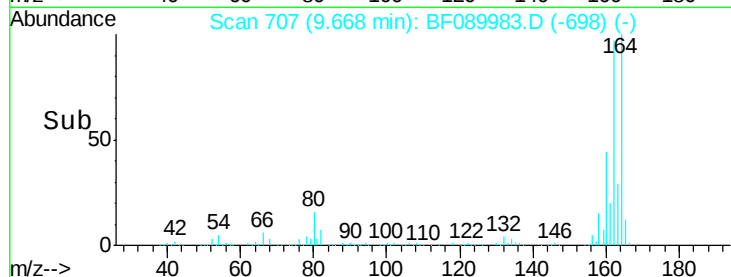


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

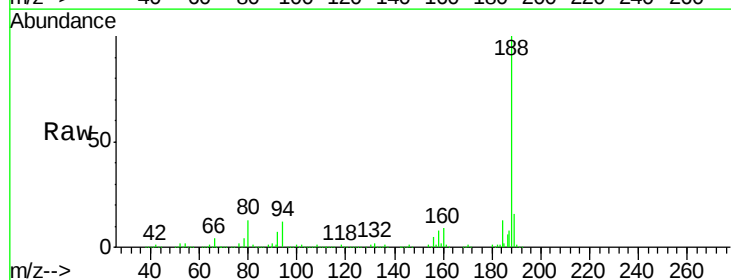
Ion 89.00 (88.70 to 89.70): BF0

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: BF089983.D
Acq: 2 Sep 2016 19:04

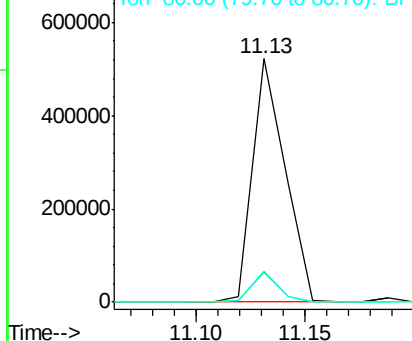
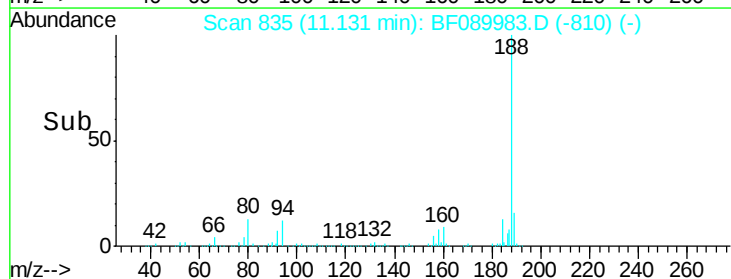
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	5.9	8.9#
80	12.8	5.8	8.8#

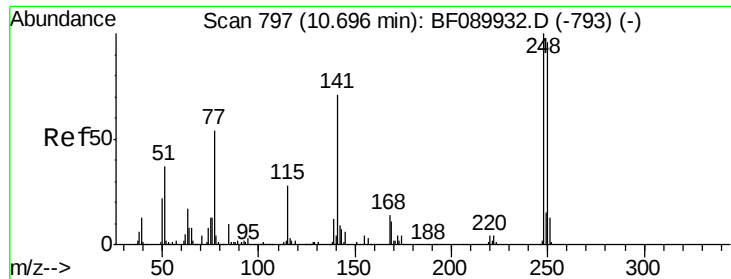


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

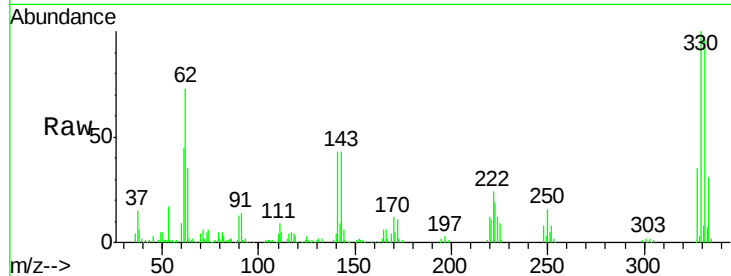




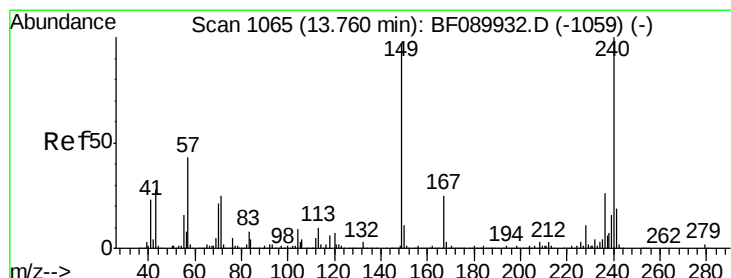
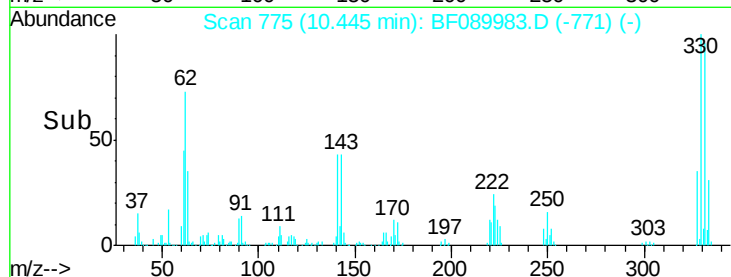
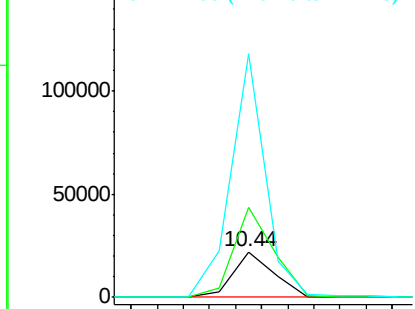
#66
 4-Bromophenyl-phenylether
 Concen: 4.31 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.25 min
 Lab File: BF089983.D
 Acq: 2 Sep 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-5

Tgt Ion:248 Resp: 23582
 Ion Ratio Lower Upper
 248 100
 250 198.1 77.3 115.9#
 141 537.8 55.8 83.8#

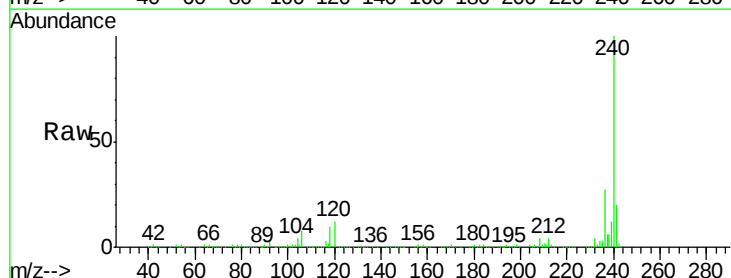


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

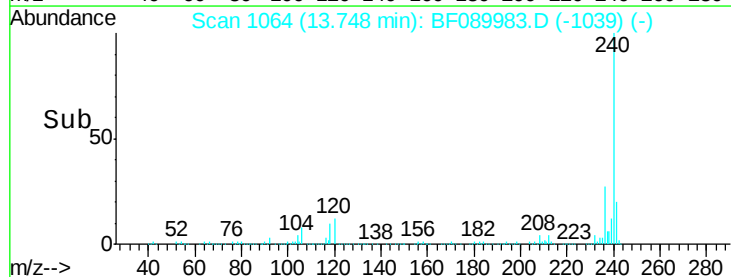
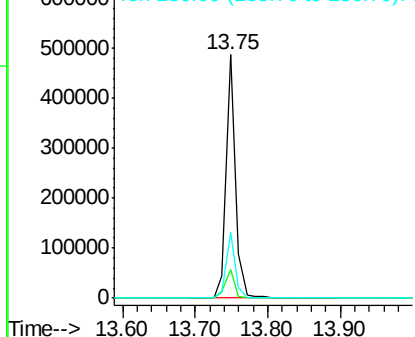


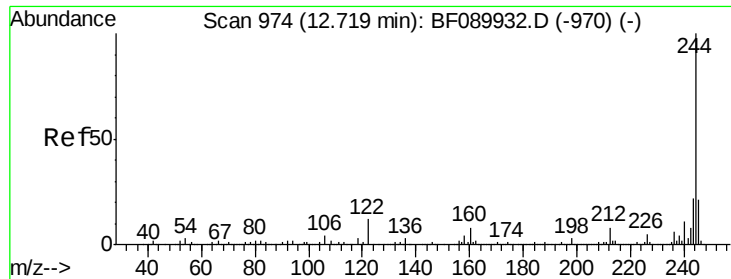
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089983.D
 Acq: 2 Sep 2016 19:04

Tgt Ion:240 Resp: 438851
 Ion Ratio Lower Upper
 240 100
 120 12.0 5.7 8.5#
 236 26.8 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

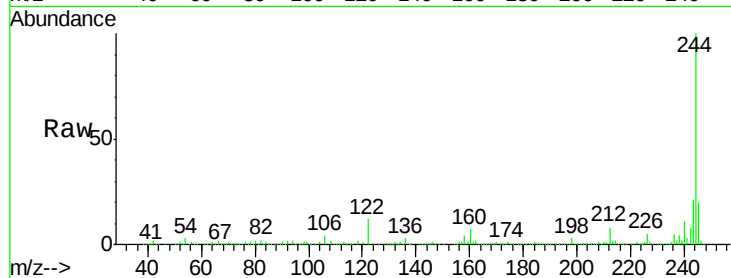




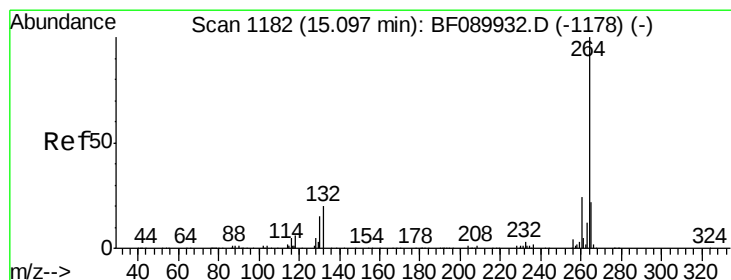
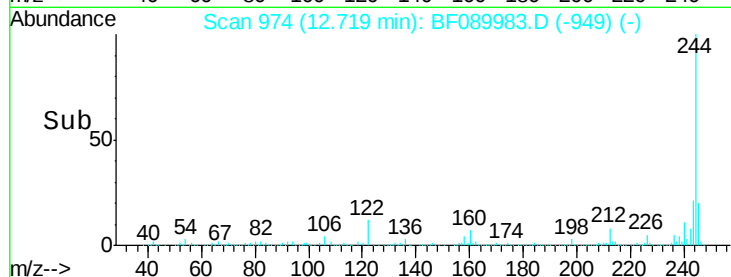
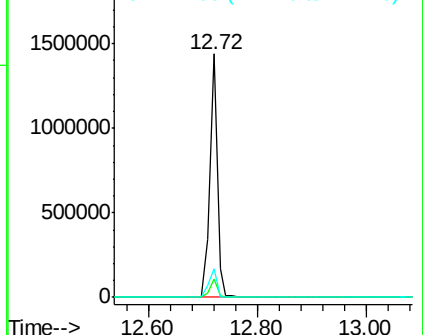
#78
 Terphenyl-d14
 Concen: 77.14 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF089983.D
 Acq: 2 Sep 2016 19:04

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-5

Tgt Ion:244 Resp: 1370392
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 11.6 9.6 14.4

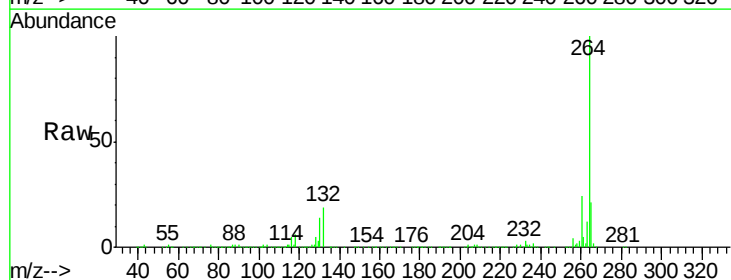


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089983.D
 Acq: 2 Sep 2016 19:04

Tgt Ion:264 Resp: 425445
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.2 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

