

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089208.D
 Acq On : 22 Jul 2016 23:00
 Operator : UM/SJ
 Sample : H4152-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-6.5-7.5

Quant Time: Jul 25 00:55:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

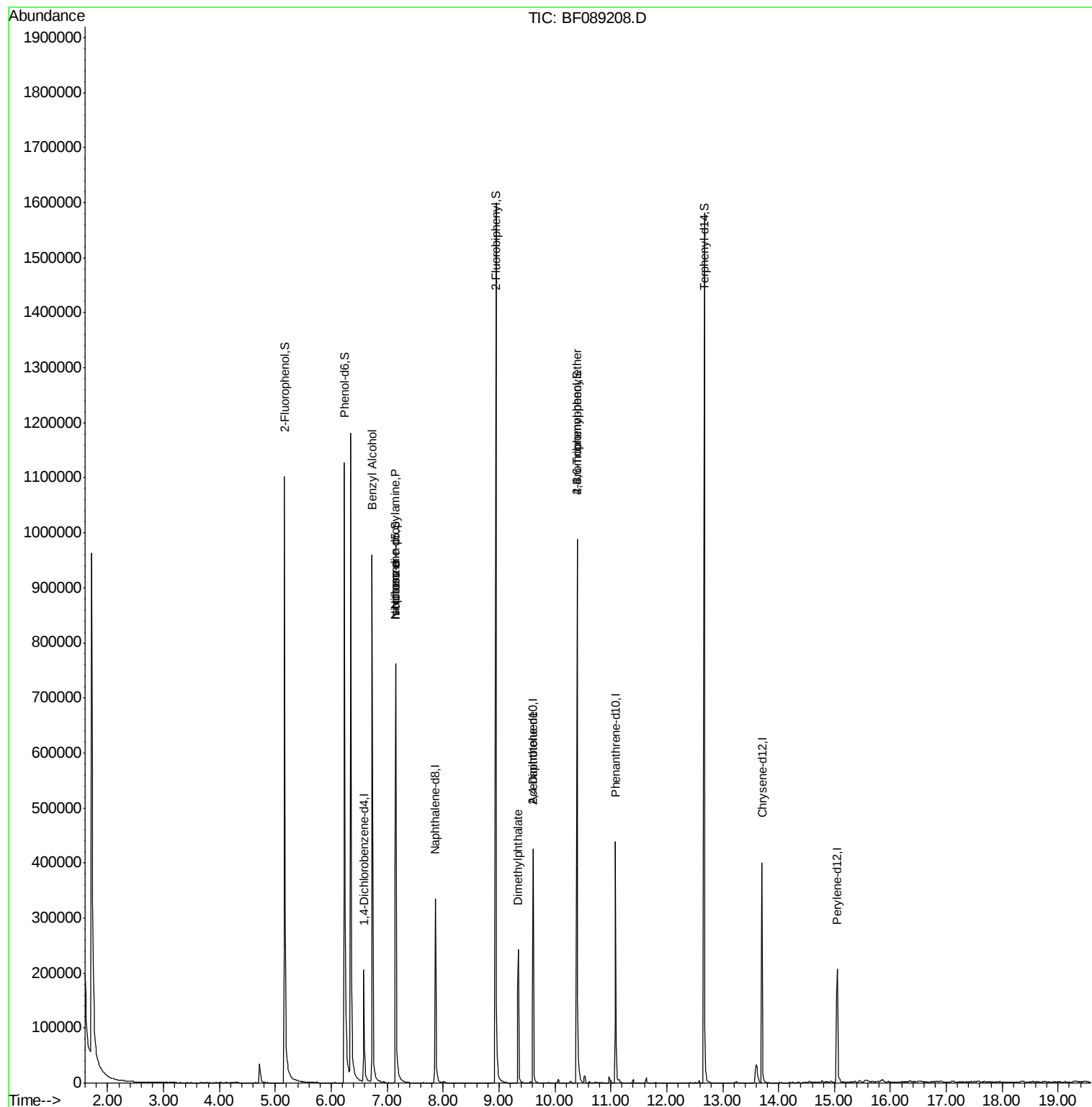
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45216	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	197380	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	94743	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	189749	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	143399	20.00	ng	-0.02
86) Perylene-d12	15.05	264	109818	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	411324	138.35	ng	-0.02
7) Phenol-d6	6.24	99	551302	143.80	ng	-0.03
23) Nitrobenzene-d5	7.15	82	363877	97.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	120117	140.82	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	660401	96.04	ng	-0.02
78) Terphenyl-d14	12.67	244	595306	90.04	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.24	77	446	Below Cal	#	1
15) Benzyl Alcohol	6.73	79	5650	2.01 ng	#	55
19) n-Nitroso-di-n-propylamine	7.15	70	47904	19.10 ng	#	79
25) Isophorone	7.15	82	278343	40.65 ng	#	66
49) Dimethylphthalate	9.35	163	149796	20.60 ng		99
56) 2,4-Dinitrotoluene	9.61	165	11587	5.48 ng	#	10
66) 4-Bromophenyl-phenylether	10.40	248	9438	5.03 ng	#	1

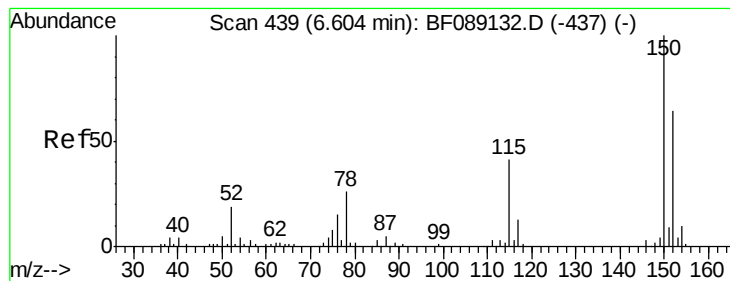
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-15-6.5-7.5

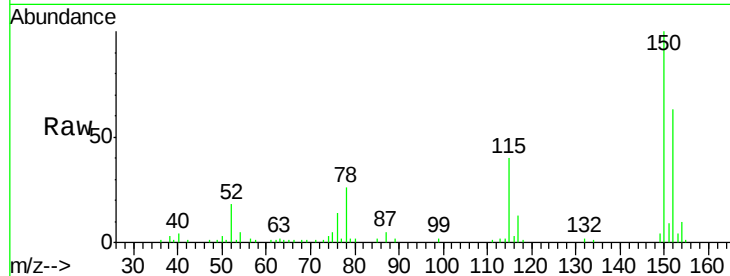
Tgt Ion:152 Resp: 45216

Ion Ratio Lower Upper

152 100

150 158.7 125.1 187.7

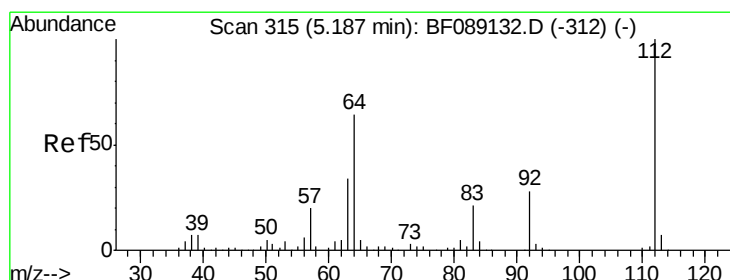
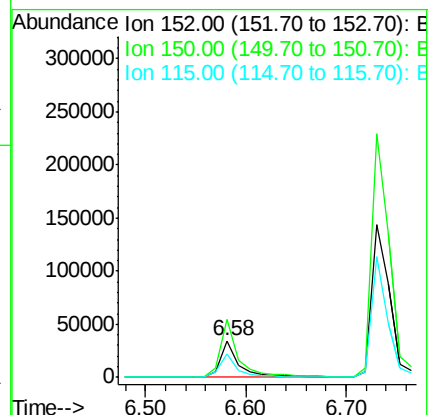
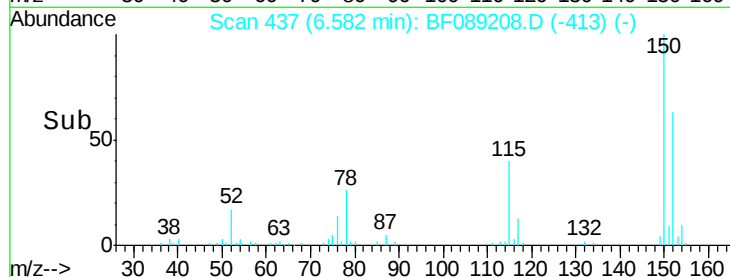
115 63.3 51.1 76.7



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: 138.35 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

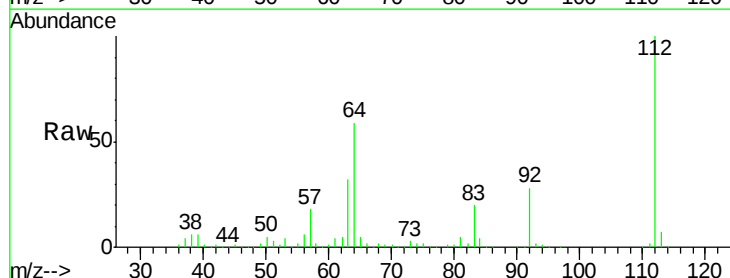
Tgt Ion:112 Resp: 411324

Ion Ratio Lower Upper

112 100

64 59.4 51.0 76.4

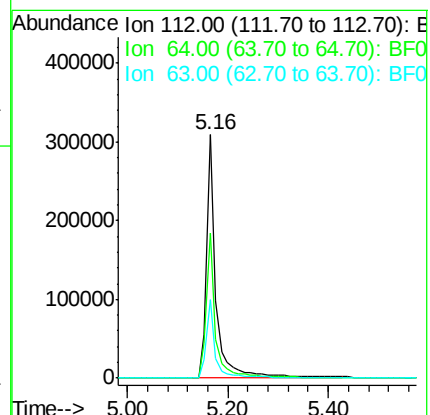
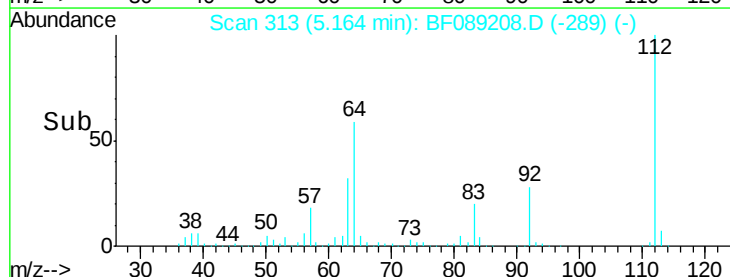
63 32.0 27.3 40.9

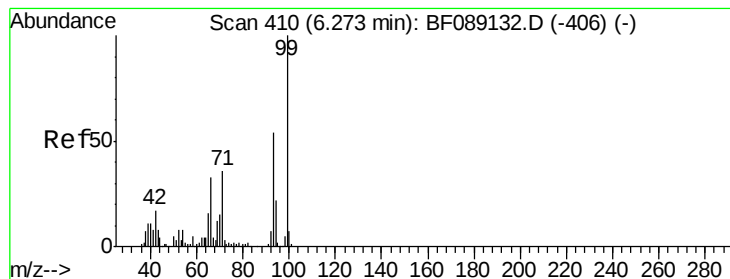


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.80 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-15-6.5-7.5

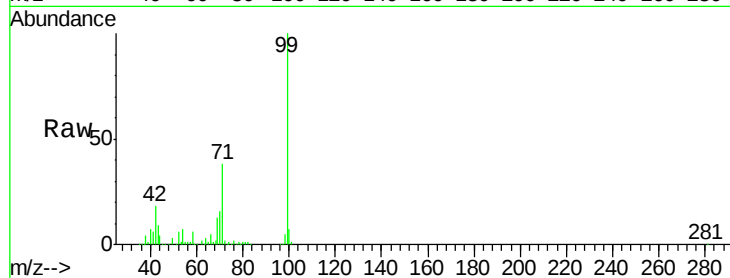
Tgt Ion: 99 Resp: 551302

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

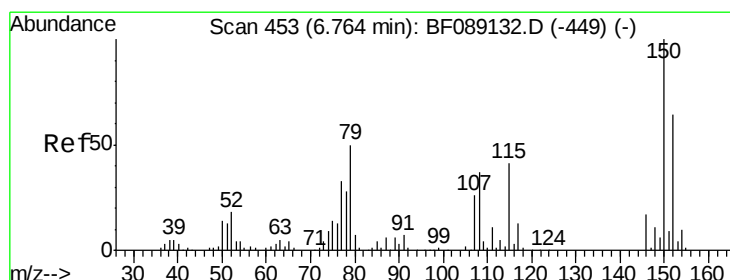
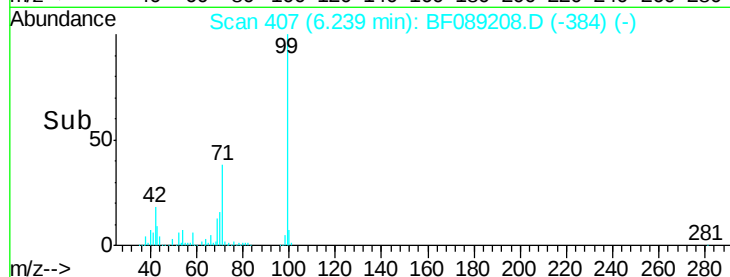
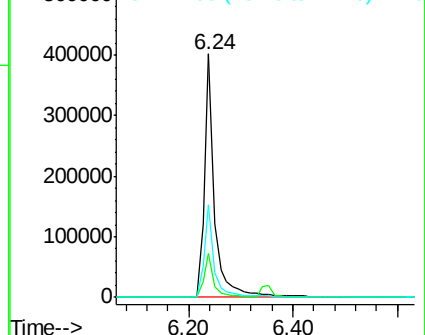
71 38.3 28.9 43.3



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



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

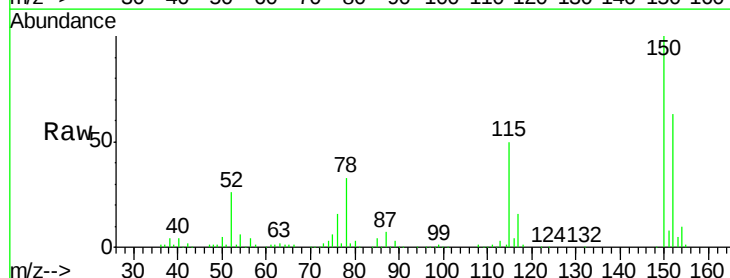
Tgt Ion: 79 Resp: 5650

Ion Ratio Lower Upper

79 100

108 27.6 58.2 87.4#

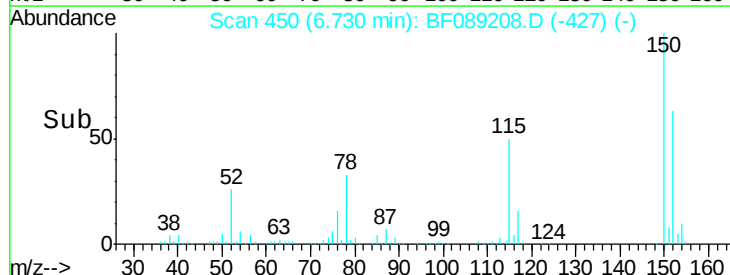
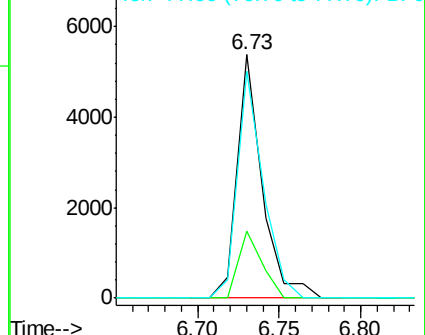
77 93.0 52.2 78.4#

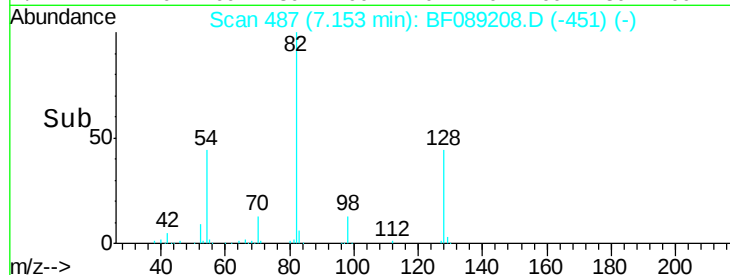
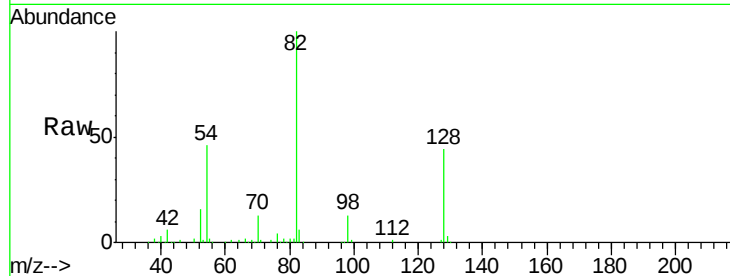
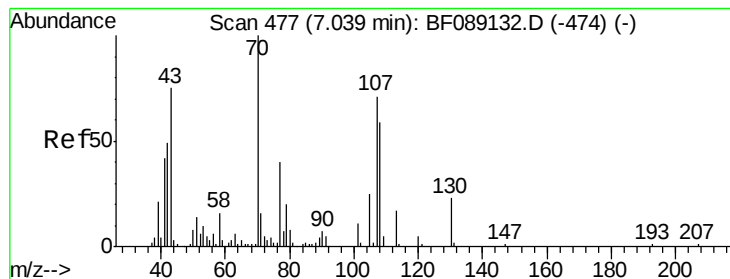


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 19.10 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-15-6.5-7.5

Tgt Ion: 70 Resp: 47904

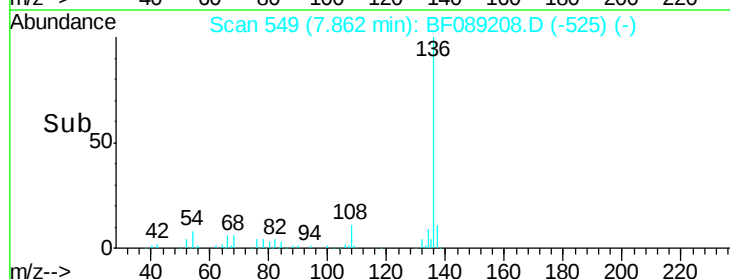
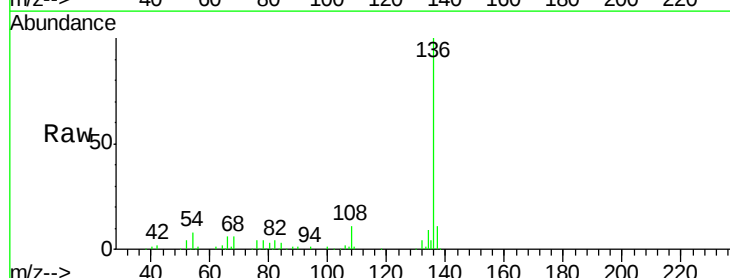
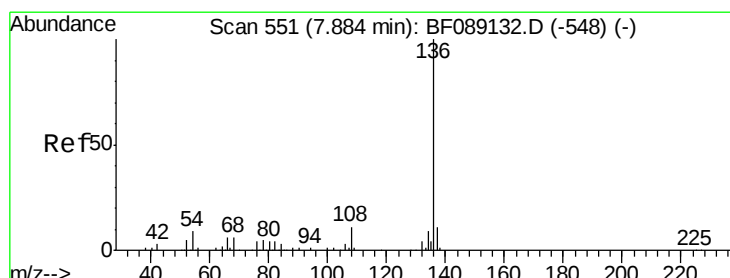
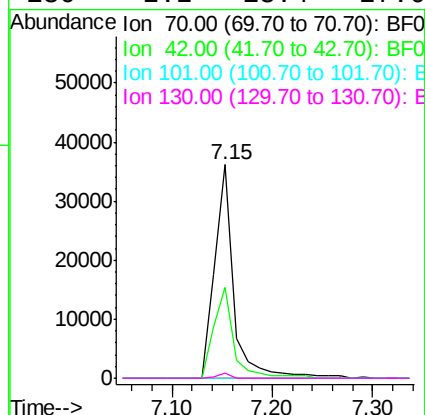
Ion Ratio Lower Upper

70 100

42 42.3 39.2 58.8

101 0.0 8.5 12.7#

130 2.2 18.4 27.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

Tgt Ion: 136 Resp: 197380

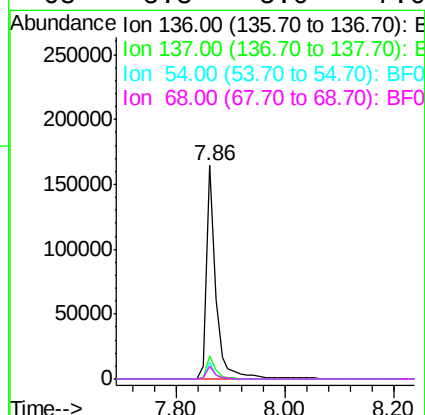
Ion Ratio Lower Upper

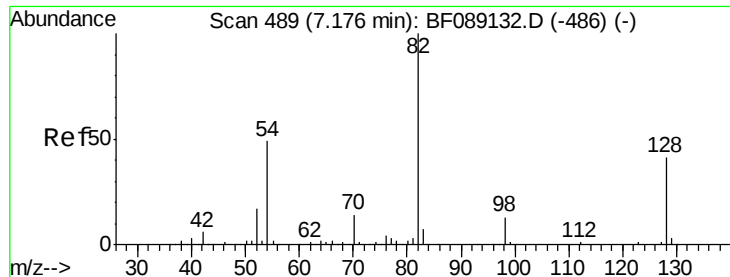
136 100

137 10.7 8.8 13.2

54 7.9 7.0 10.4

68 5.8 5.0 7.6

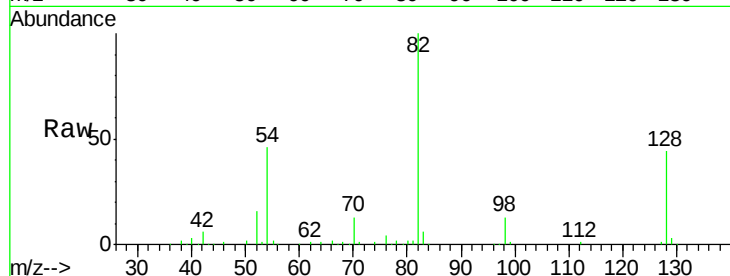




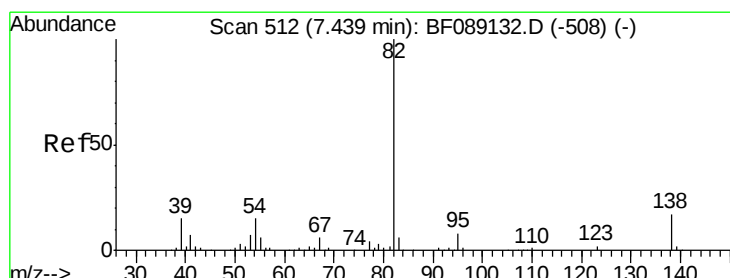
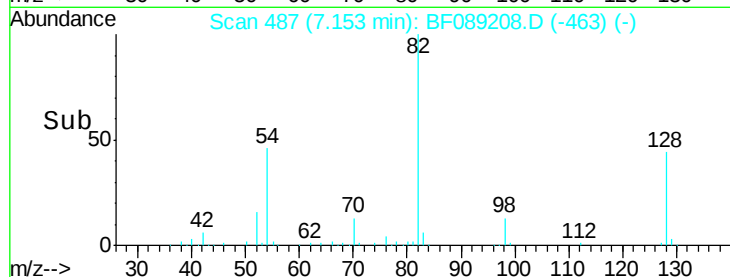
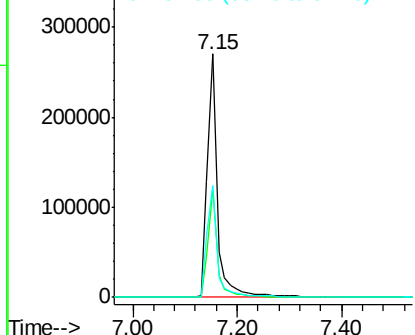
#23
Nitrobenzene-d5
Concen: 97.95 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089208.D
Acq: 22 Jul 2016 23:00

Instrument :
BNA_F
ClientSampleId :
SB-15-6.5-7.5

Tgt Ion: 82 Resp: 363877
Ion Ratio Lower Upper
82 100
128 44.3 33.0 49.6
54 45.7 39.0 58.4

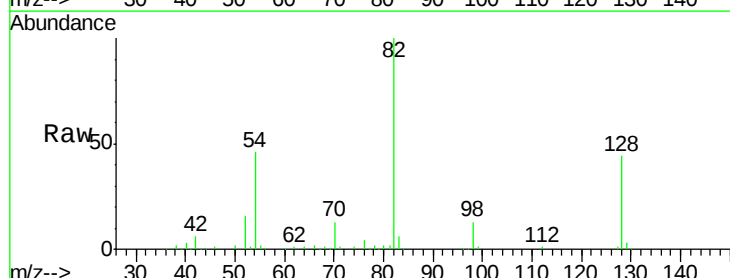


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

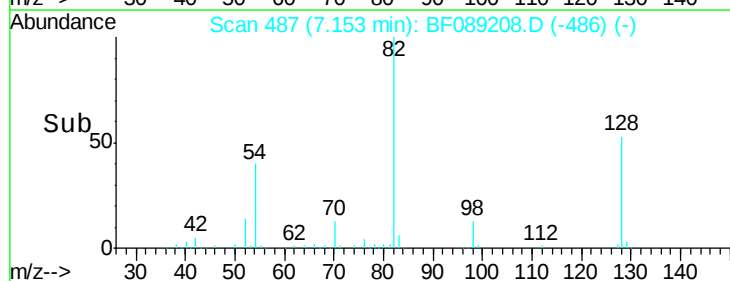
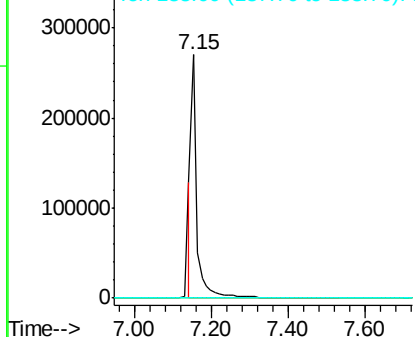


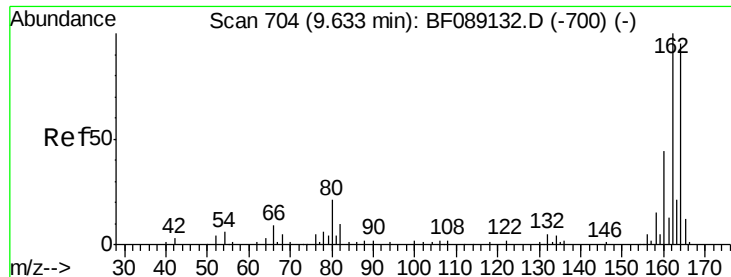
#25
Isophorone
Concen: 40.65 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF089208.D
Acq: 22 Jul 2016 23:00

Tgt Ion: 82 Resp: 278343
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.6 20.4#



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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-15-6.5-7.5

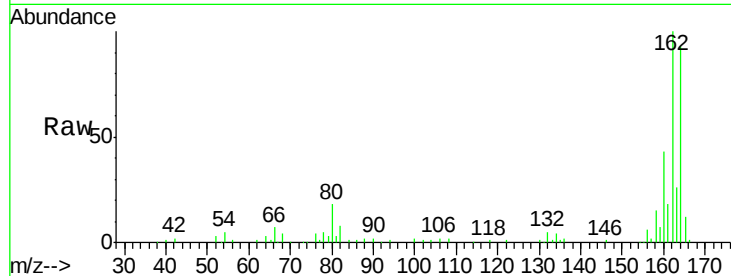
Tgt Ion:164 Resp: 94743

Ion Ratio Lower Upper

164 100

162 107.1 84.1 126.1

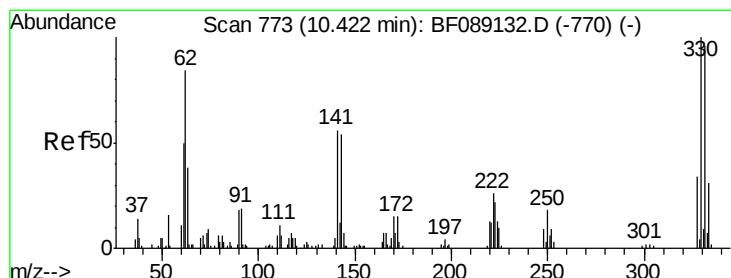
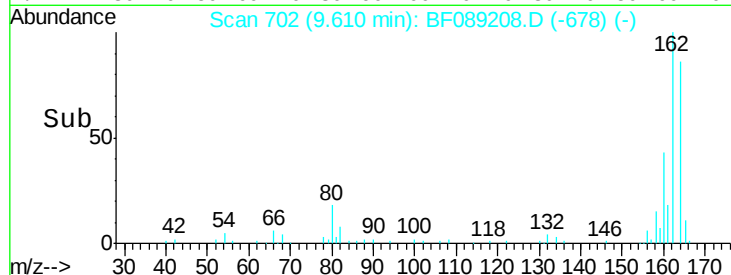
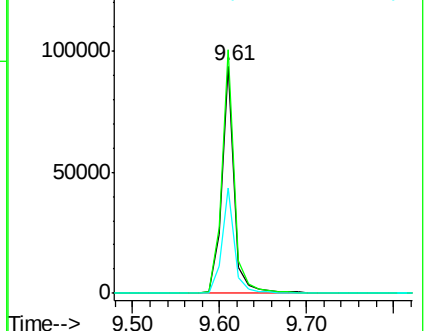
160 46.4 37.1 55.7



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: 140.82 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

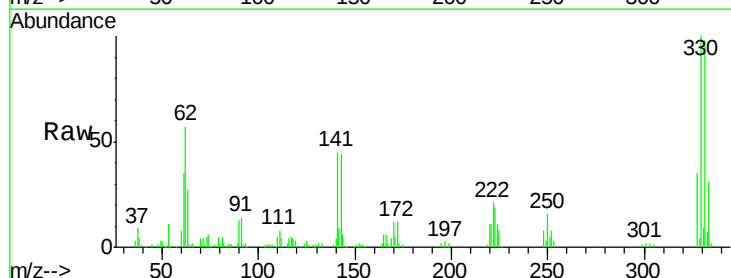
Tgt Ion:330 Resp: 120117

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

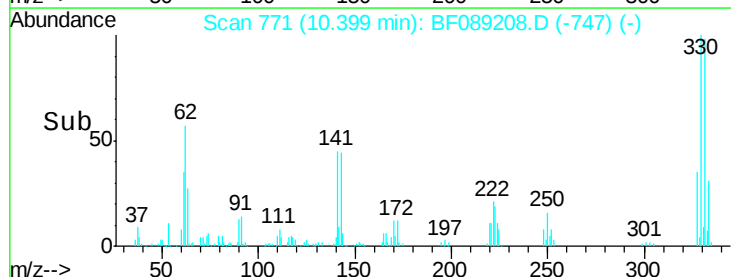
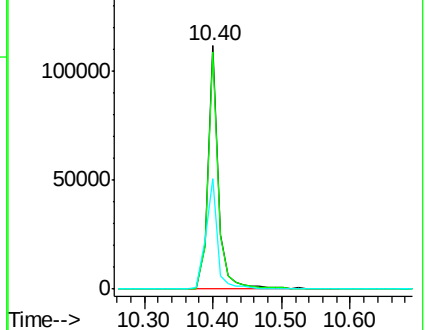
141 49.9 42.2 63.2

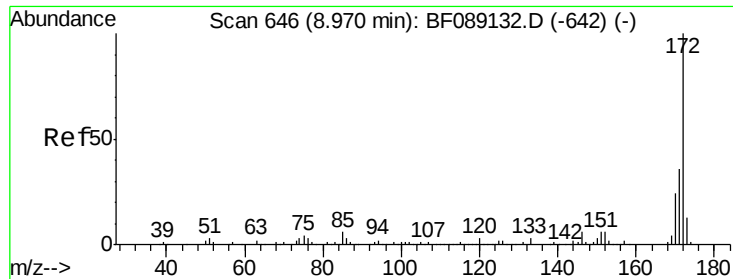


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

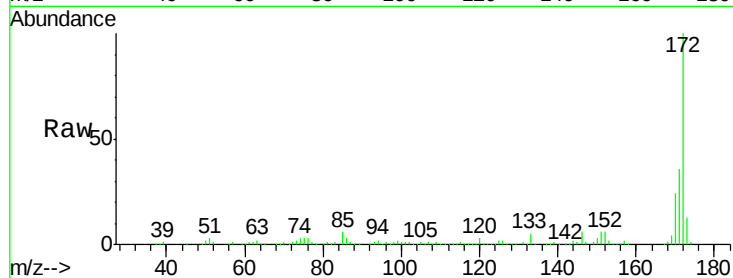




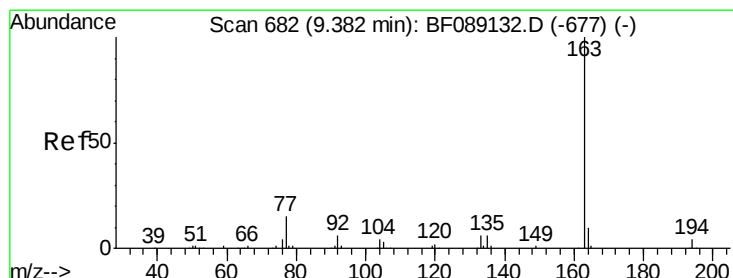
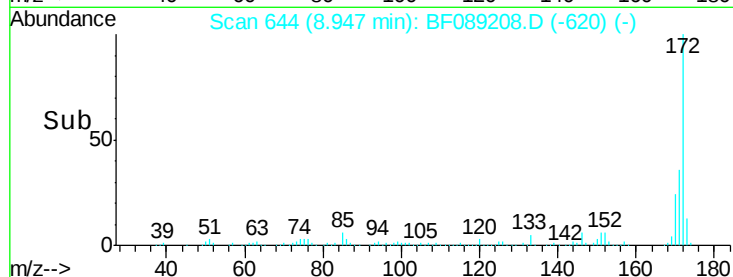
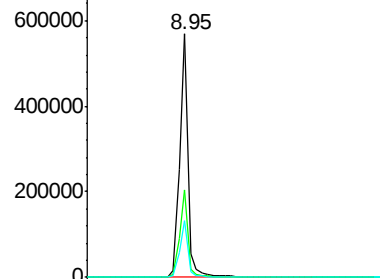
#44
 2-Fluorobiphenyl
 Concen: 96.04 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-6.5-7.5

Tgt Ion:172 Resp: 660401
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.5 19.1 28.7

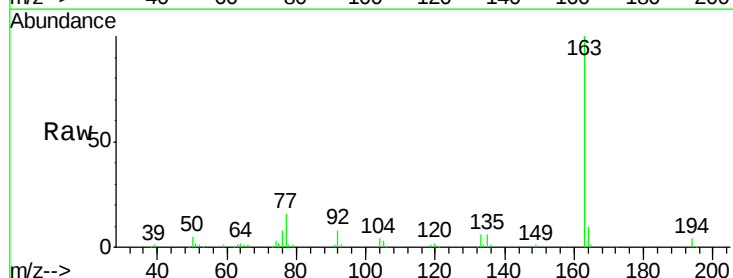


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

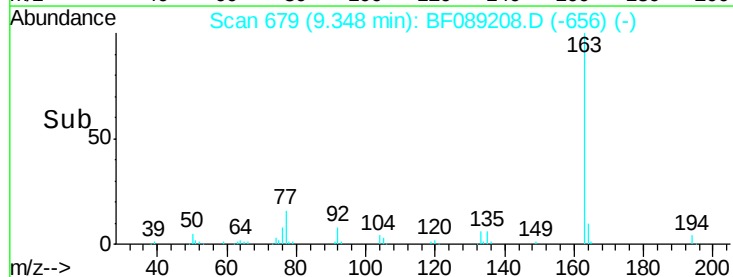
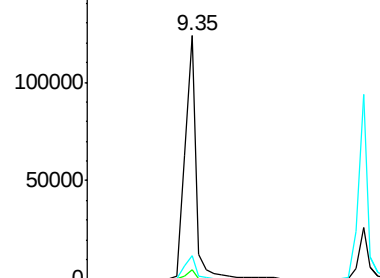


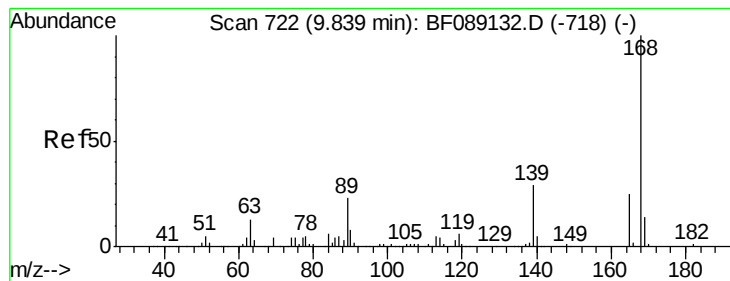
#49
 Dimethylphthalate
 Concen: 20.60 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Tgt Ion:163 Resp: 149796
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.9 4.3
 164 9.9 7.6 11.4



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: 5.48 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.23 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SB-15-6.5-7.5

Tgt Ion:165 Resp: 11587

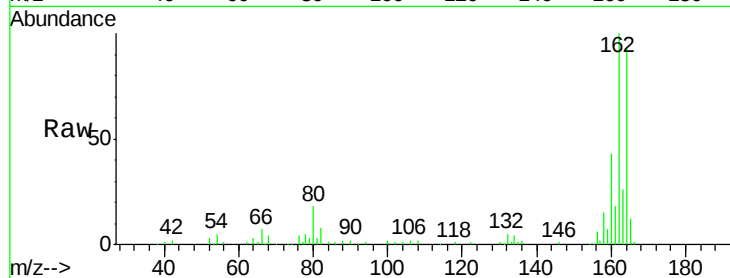
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

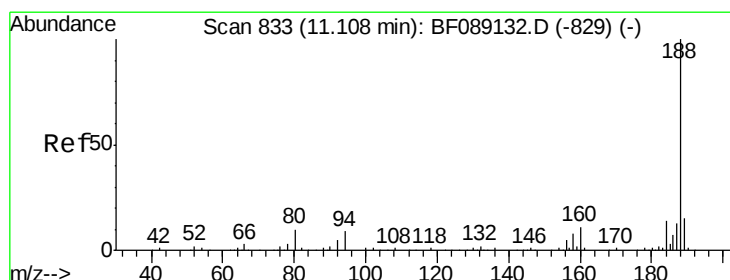
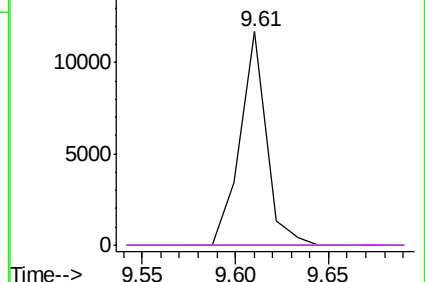
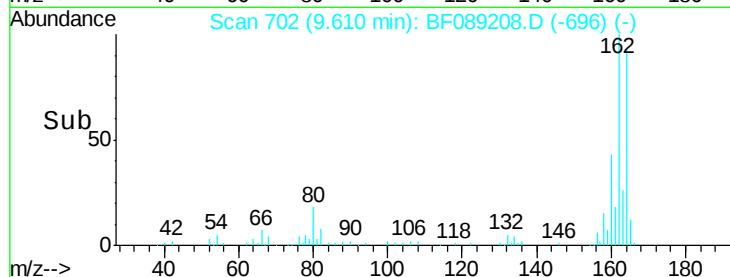


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.08 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089208.D

Acq: 22 Jul 2016 23:00

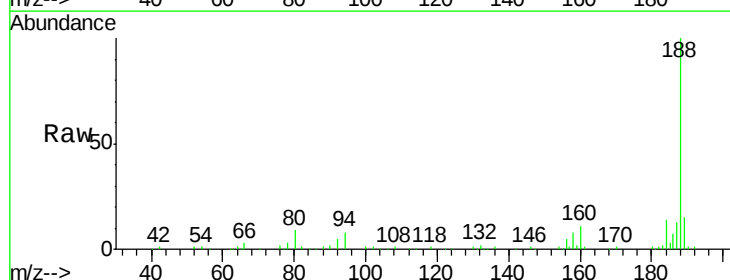
Tgt Ion:188 Resp: 189749

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

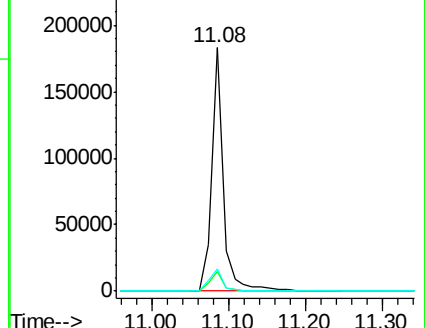
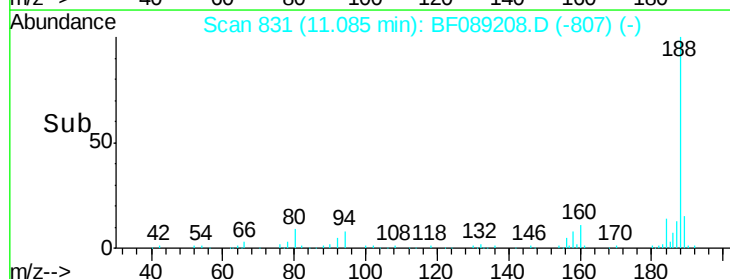
80 8.9 7.7 11.5

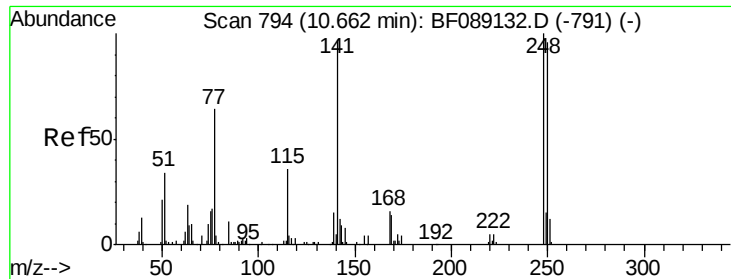


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

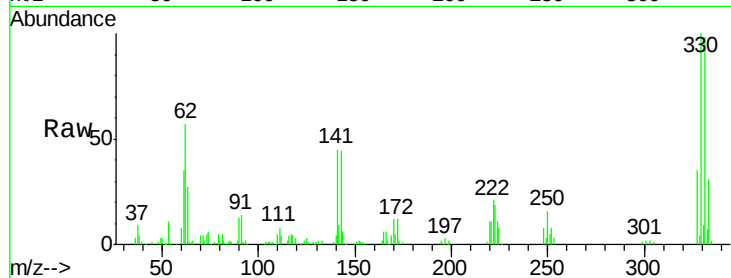




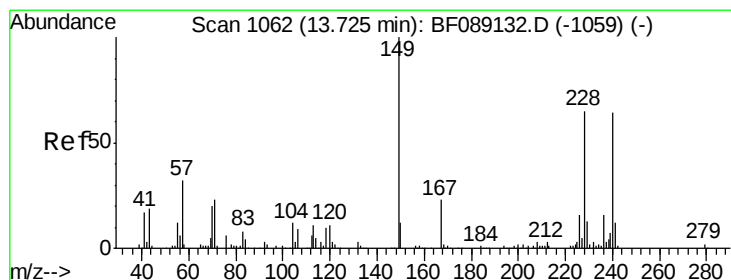
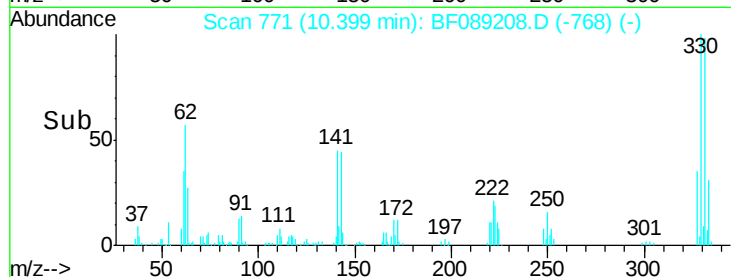
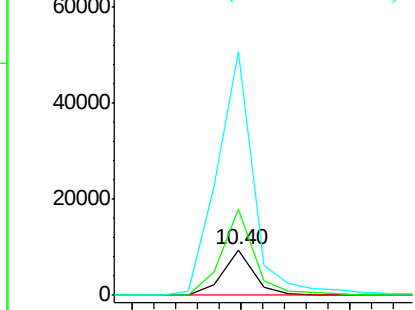
#66
 4-Bromophenyl-phenylether
 Concen: 5.03 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-6.5-7.5

Tgt Ion:248 Resp: 9438
 Ion Ratio Lower Upper
 248 100
 250 188.6 76.9 115.3#
 141 533.7 77.4 116.2#

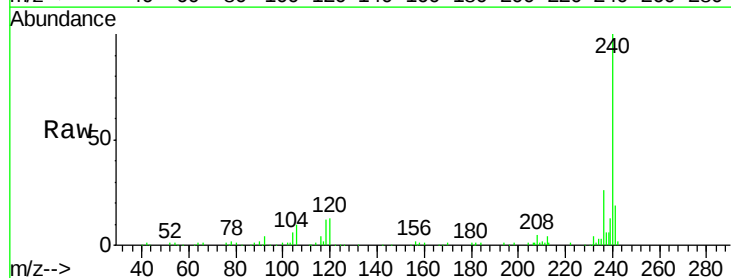


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

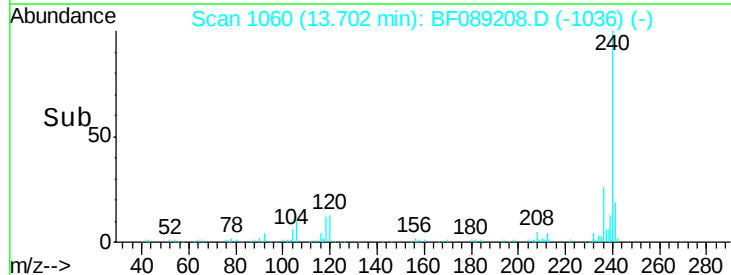
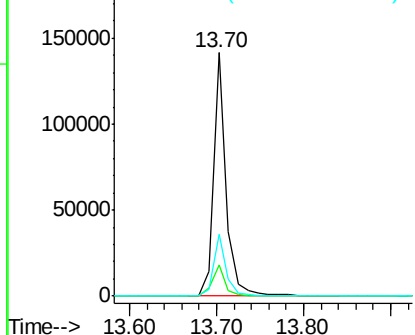


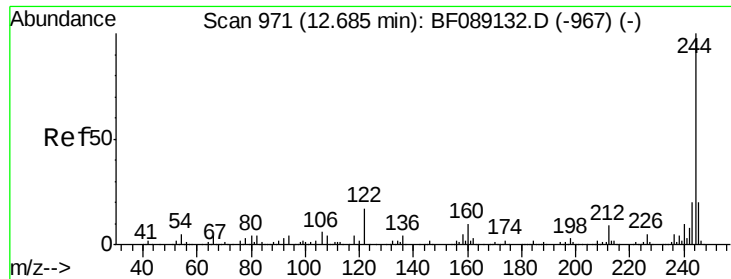
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Tgt Ion:240 Resp: 143399
 Ion Ratio Lower Upper
 240 100
 120 12.8 13.6 20.4#
 236 25.6 20.5 30.7



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

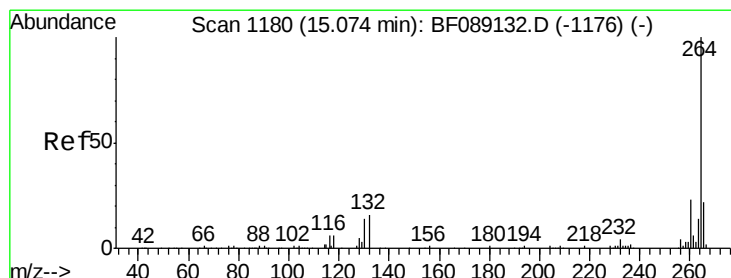
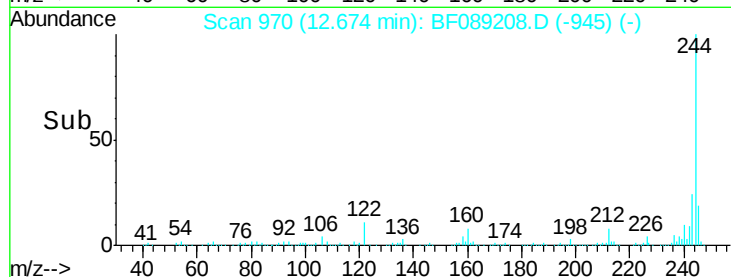
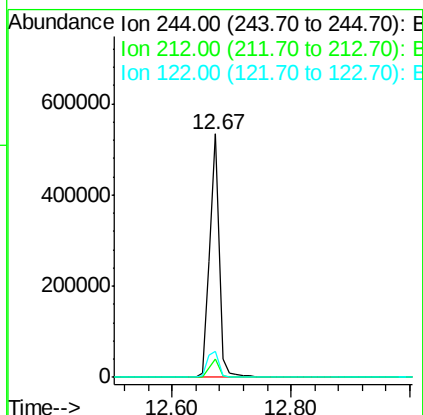
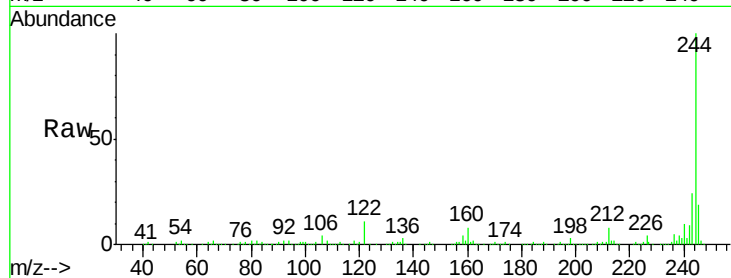




#78
 Terphenyl-d14
 Concen: 90.04 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-6.5-7.5

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.0	10.4
122	10.6	13.8	20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089208.D
 Acq: 22 Jul 2016 23:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.2	17.3	25.9

