

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089523.D
 Acq On : 1 Aug 2016 21:26
 Operator : UM/SJ
 Sample : H4251-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Quant Time: Aug 02 01:48:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

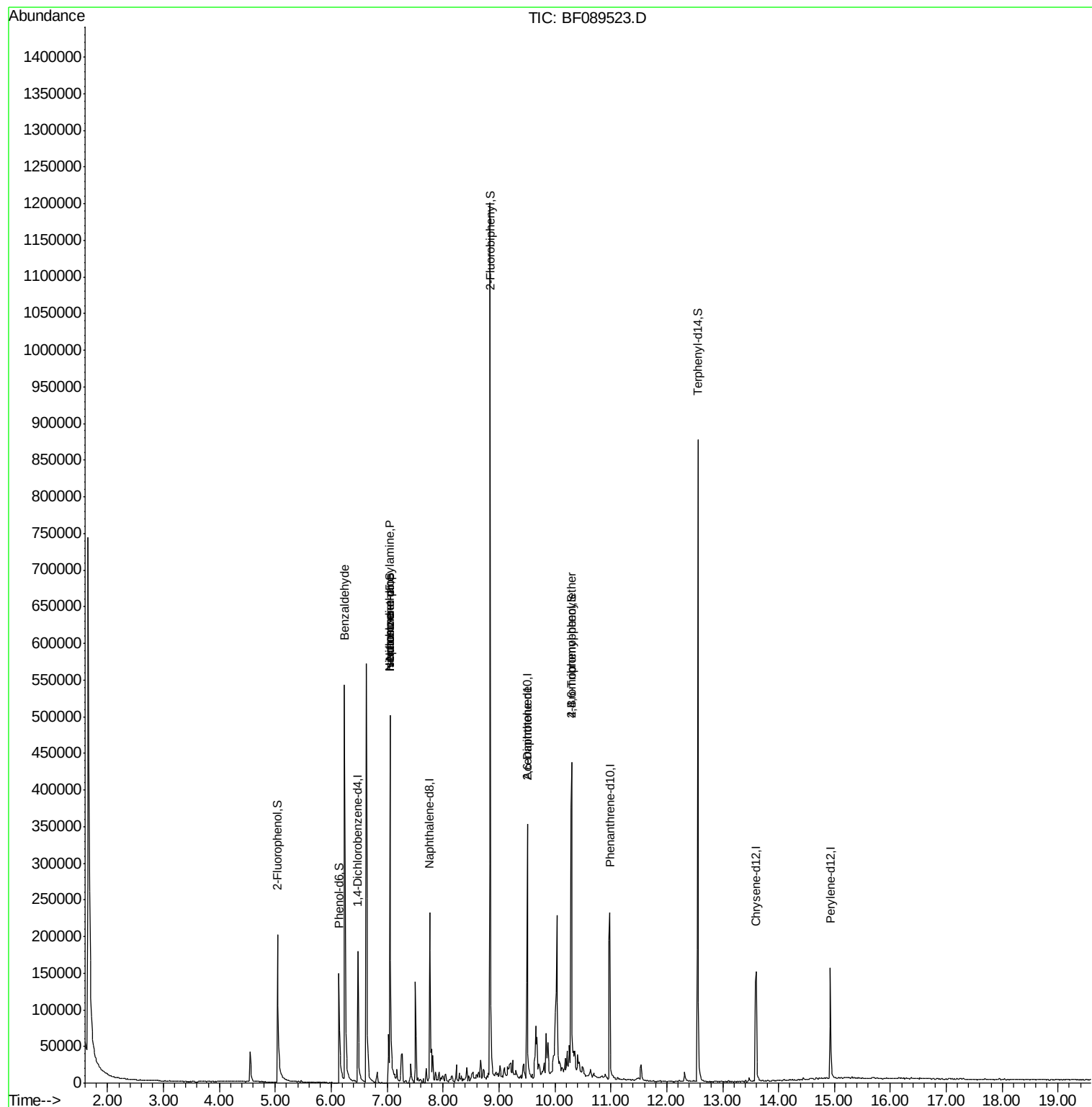
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	37703	20.00	ng	-0.07
21) Naphthalene-d8	7.76	136	153832	20.00	ng	-0.07
38) Acenaphthene-d10	9.51	164	76309	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	133200	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	82743	20.00	ng	-0.07
86) Perylene-d12	14.93	264	70932	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	103552	43.85	ng	-0.07
7) Phenol-d6	6.14	99	97411	31.22	ng	-0.07
23) Nitrobenzene-d5	7.05	82	202630	77.75	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	66366	105.01	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	393865	75.75	ng	-0.07
78) Terphenyl-d14	12.56	244	266178	75.29	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.24	77	4930	3.24	ng	# 69
18) Hexachloroethane	7.05	117	24197	20.47	ng	# 9
19) n-Nitroso-di-n-propylamine	7.05	70	26210	13.93	ng	# 82
25) Isophorone	7.05	82	191690	36.51	ng	# 67
50) 2,6-Dinitrotoluene	9.51	165	9485	7.95	ng	# 24
66) 4-Bromophenyl-phenylether	10.30	248	5092	4.00	ng	# 1

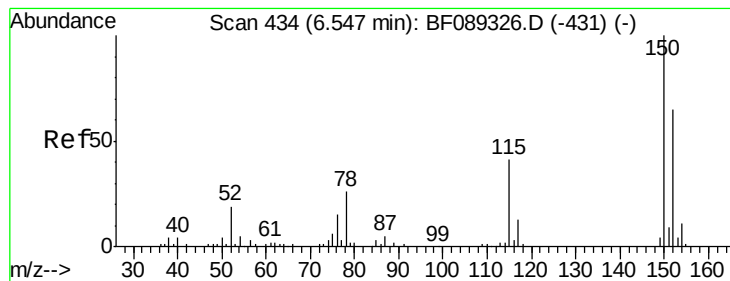
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

Instrument :

BNA_F

ClientSampleId :

DUP-X

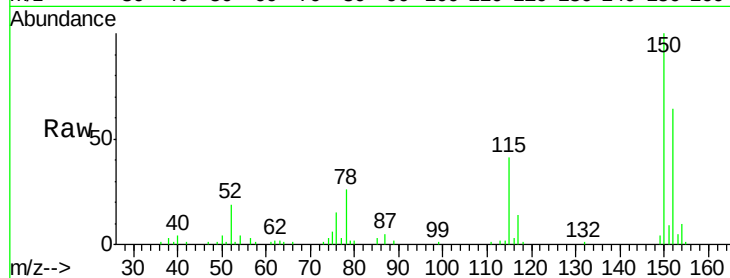
Tgt Ion:152 Resp: 37703

Ion Ratio Lower Upper

152 100

150 155.5 129.5 194.3

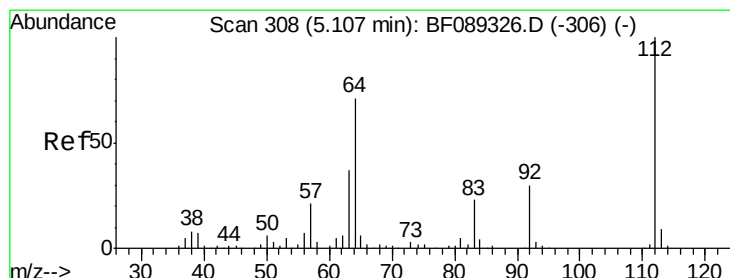
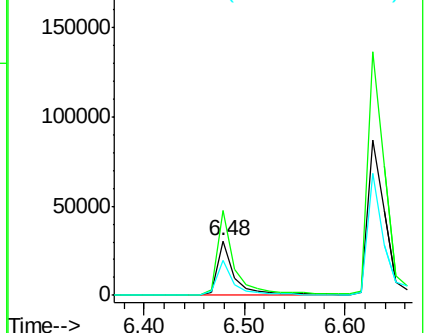
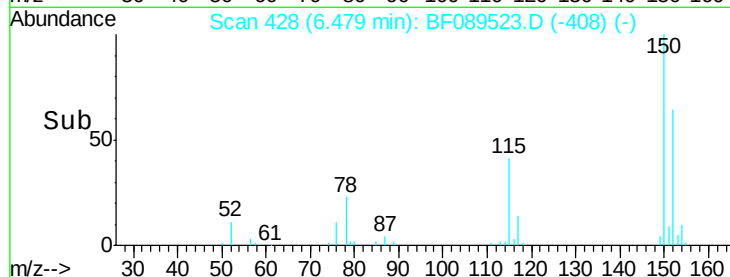
115 64.0 51.4 77.2



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: 43.85 ng

RT: 5.04 min Scan# 302

Delta R.T. -0.07 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

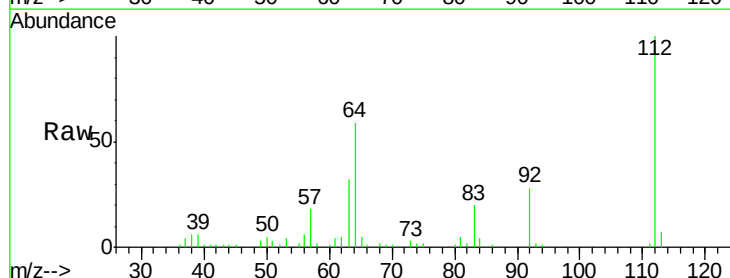
Tgt Ion:112 Resp: 103552

Ion Ratio Lower Upper

112 100

64 58.9 55.0 82.6

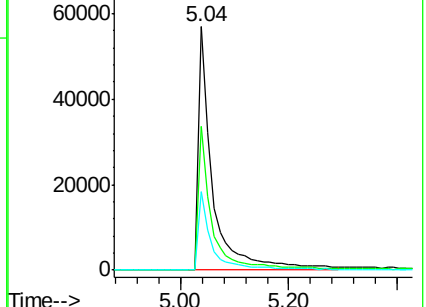
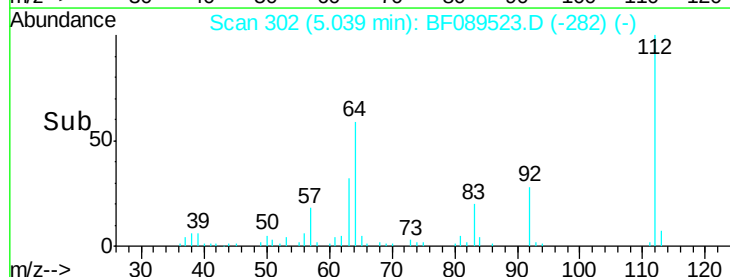
63 32.1 29.4 44.2

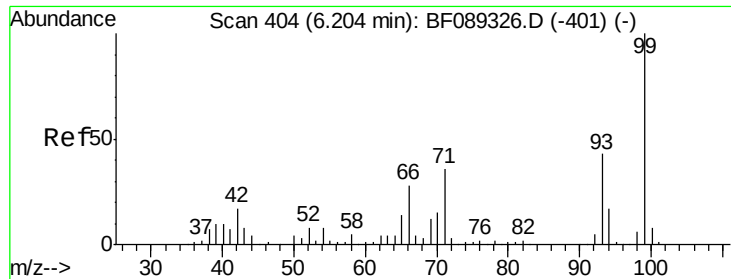


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.22 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

Instrument :

BNA_F

ClientSampleId :

DUP-X

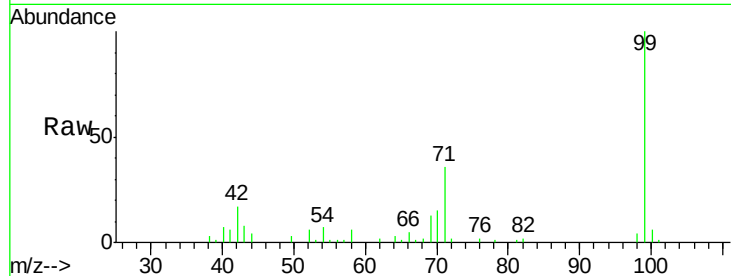
Tgt Ion: 99 Resp: 97411

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

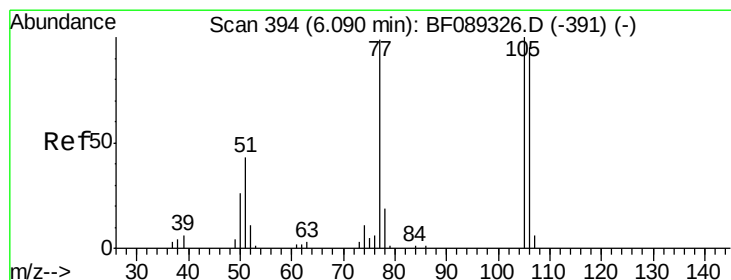
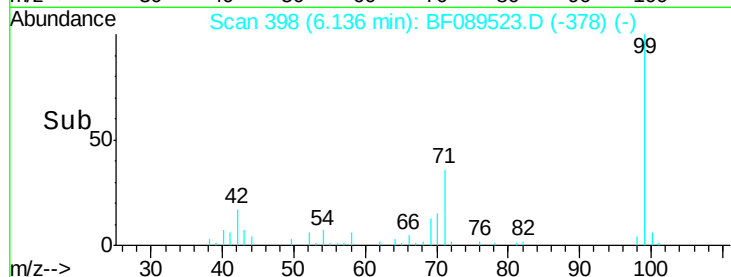
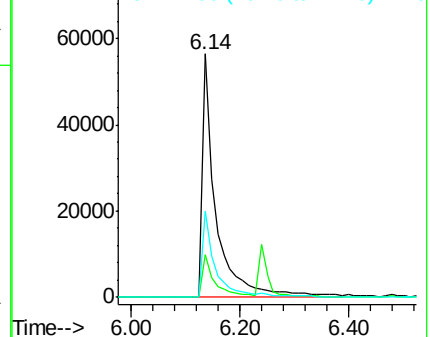
71 35.6 29.4 44.2



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



#9

Benzaldehyde

Concen: 3.24 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

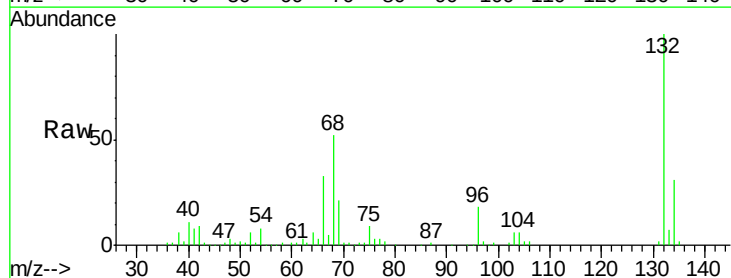
Tgt Ion: 77 Resp: 4930

Ion Ratio Lower Upper

77 100

105 70.6 82.9 122.9#

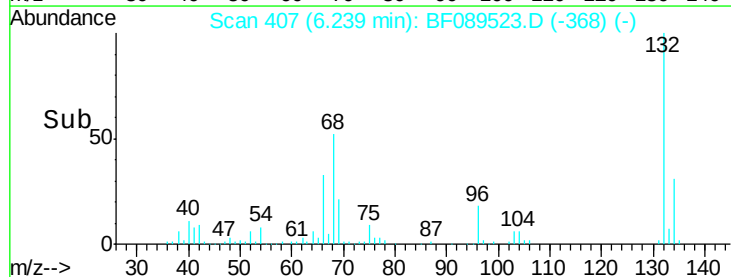
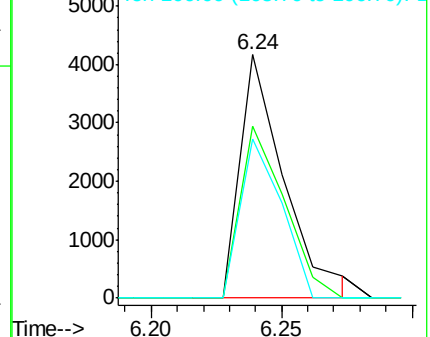
106 65.6 75.9 115.9#

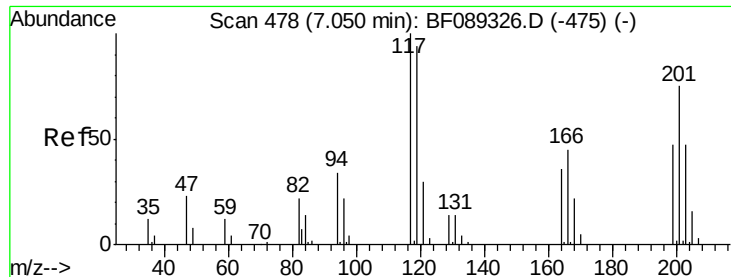


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

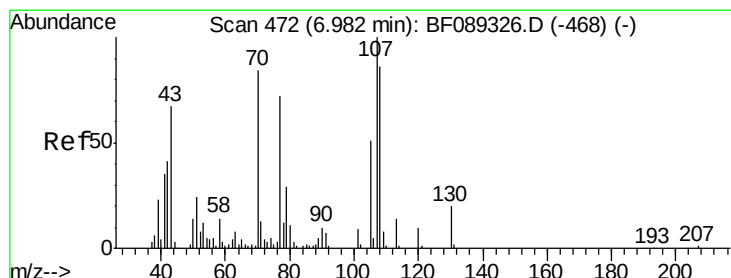
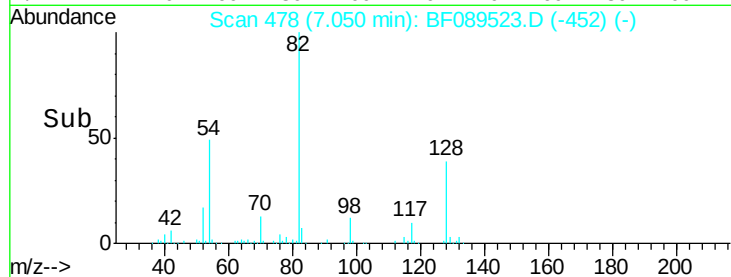
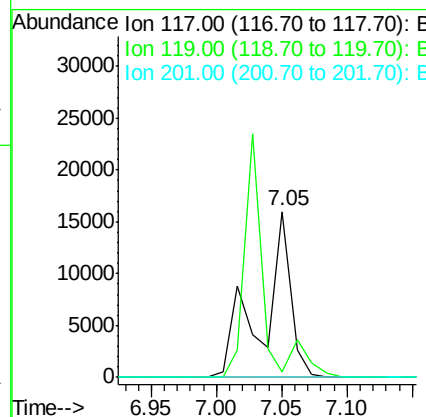
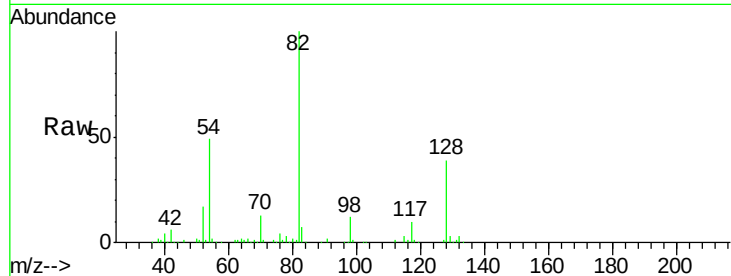




#18
Hexachloroethane
Concen: 20.47 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089523.D
Acq: 1 Aug 2016 21:26

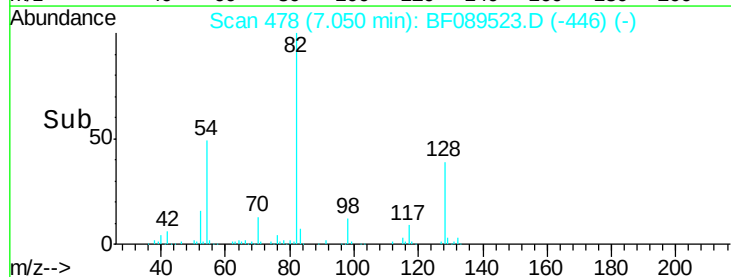
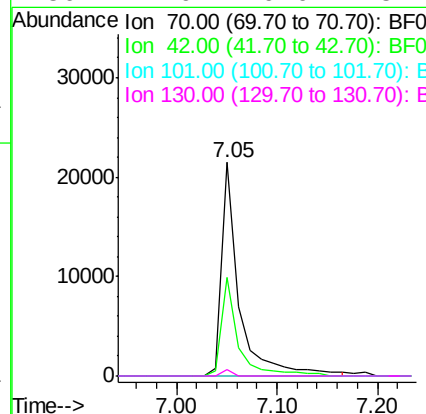
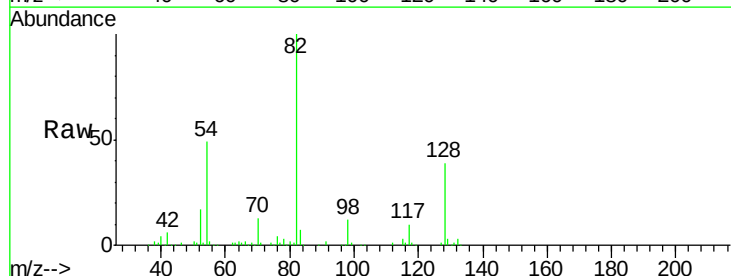
Instrument :
BNA_F
ClientSampleId :
DUP-X

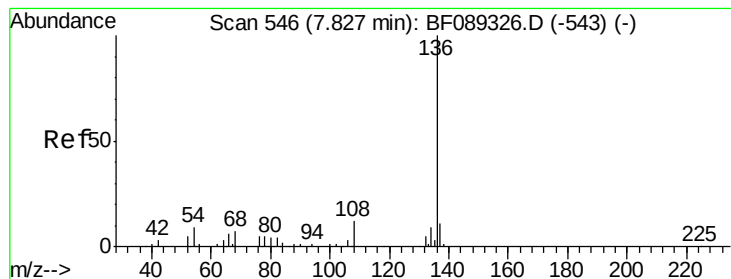
Tgt Ion: 117 Resp: 24197
Ion Ratio Lower Upper
117 100
119 3.6 76.0 114.0#
201 0.0 60.0 90.0#



#19
n-Nitroso-di-n-propylamine
Concen: 13.93 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089523.D
Acq: 1 Aug 2016 21:26

Tgt Ion: 70 Resp: 26210
Ion Ratio Lower Upper
70 100
42 45.9 38.6 57.8
101 0.0 8.3 12.5#
130 2.9 19.0 28.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

Instrument :

BNA_F

ClientSampled :

DUP-X

Tgt Ion: 136 Resp: 153832

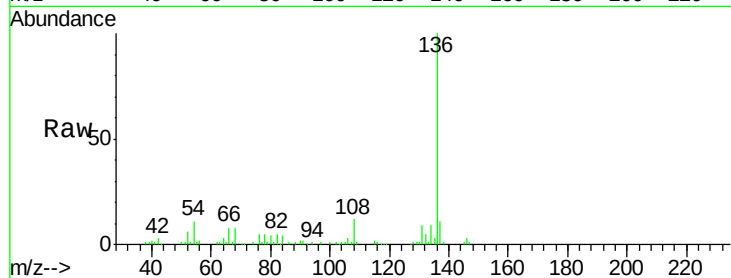
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.5 7.0 10.4#

68 8.1 4.9 7.3#

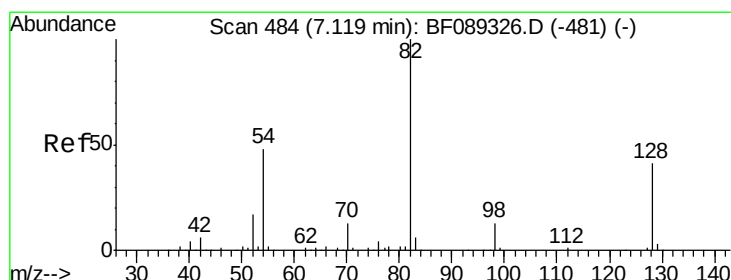
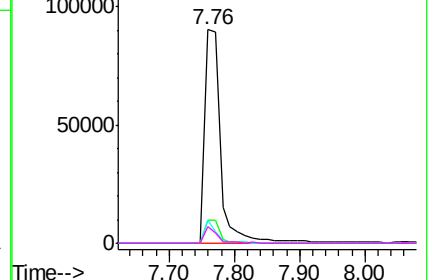
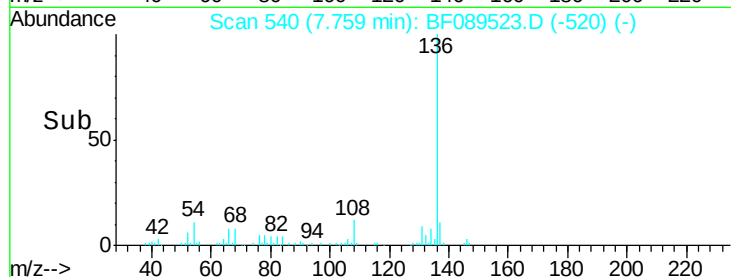


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.75 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

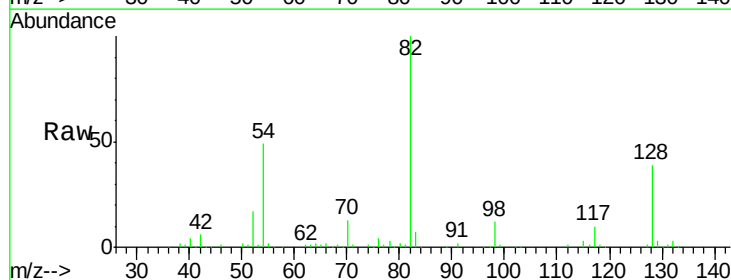
Tgt Ion: 82 Resp: 202630

Ion Ratio Lower Upper

82 100

128 39.2 32.5 48.7

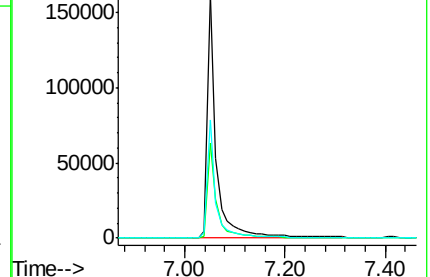
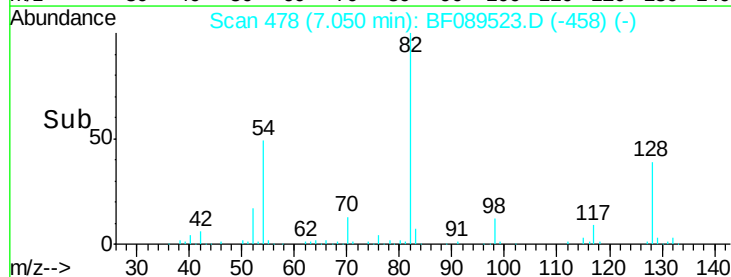
54 48.7 38.8 58.2

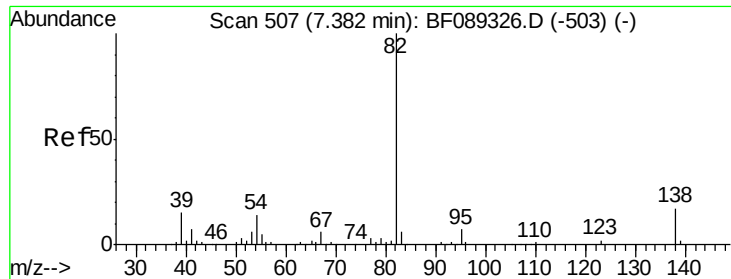


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.51 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.33 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

Instrument :

BNA_F

ClientSampleId :

DUP-X

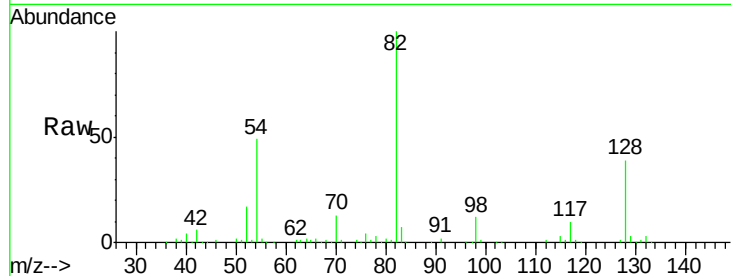
Tgt Ion: 82 Resp: 191690

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

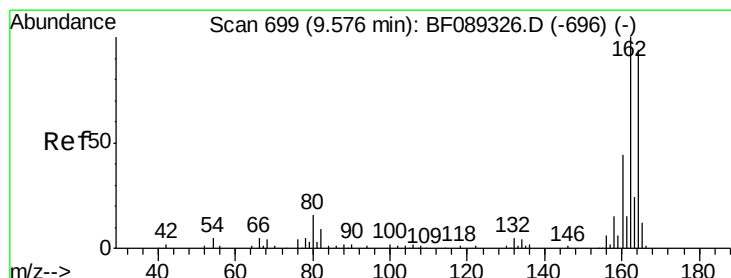
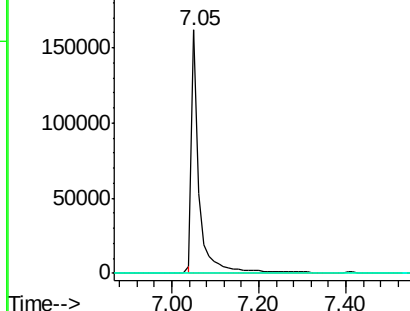
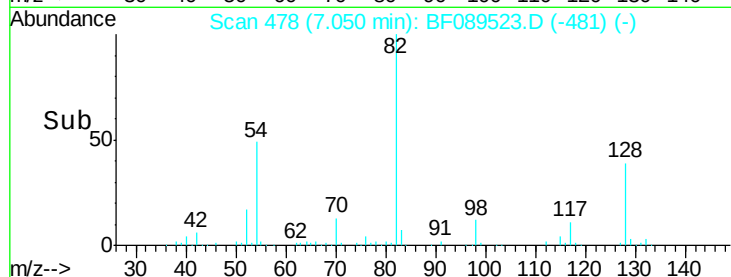
138 0.0 13.3 19.9#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.07 min

Lab File: BF089523.D

Acq: 1 Aug 2016 21:26

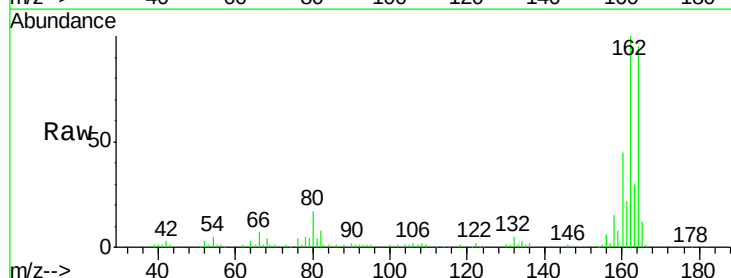
Tgt Ion: 164 Resp: 76309

Ion Ratio Lower Upper

164 100

162 105.1 83.7 125.5

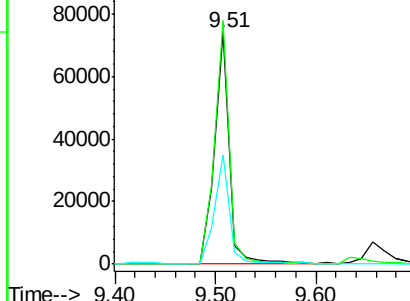
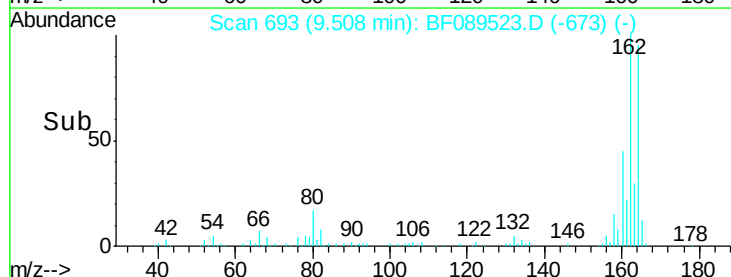
160 47.3 37.8 56.6

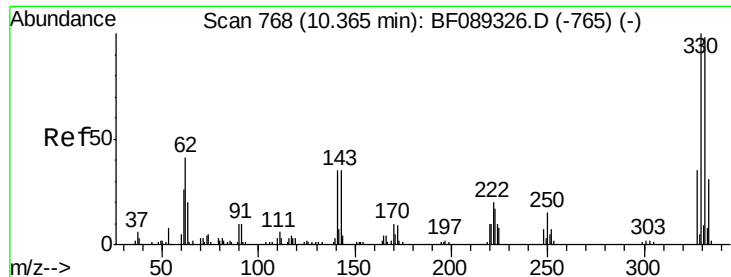


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

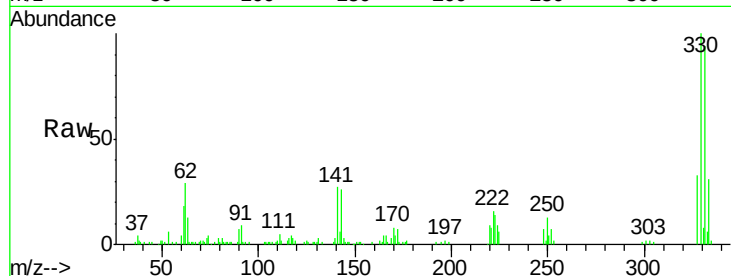




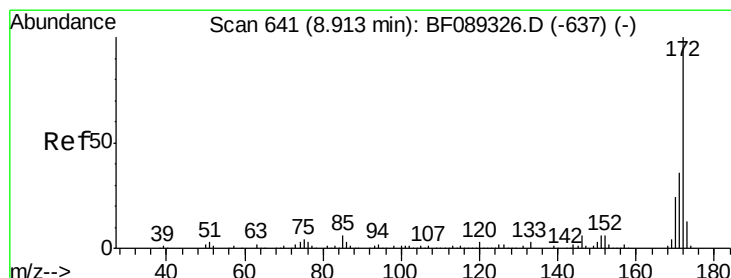
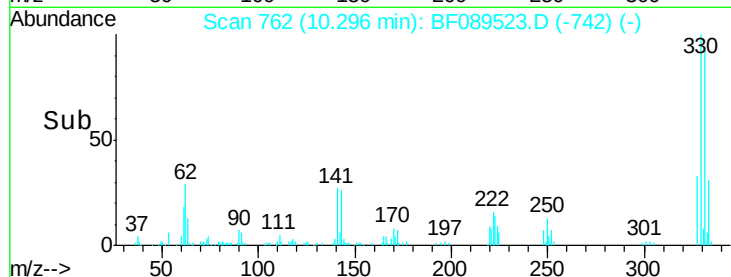
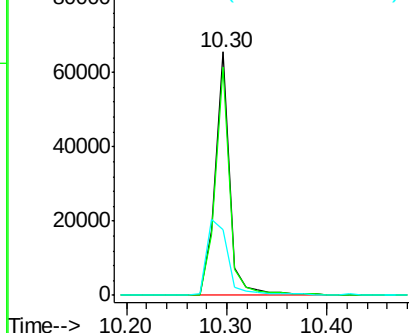
#41
 2,4,6-Tribromophenol
 Concen: 105.01 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tgt Ion:330 Resp: 66366
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.8 115.2
 141 45.4 37.3 55.9

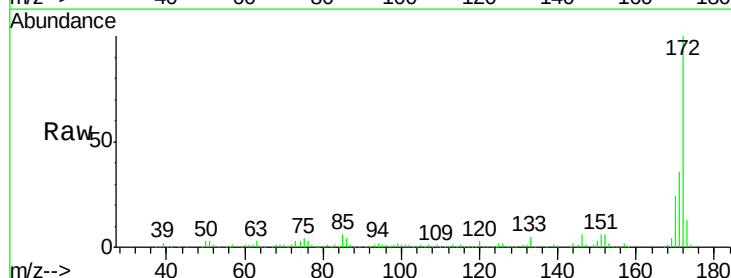


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

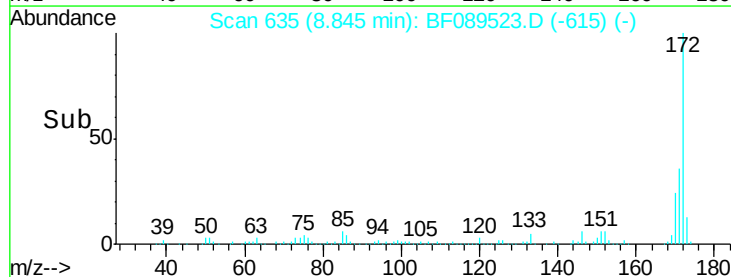
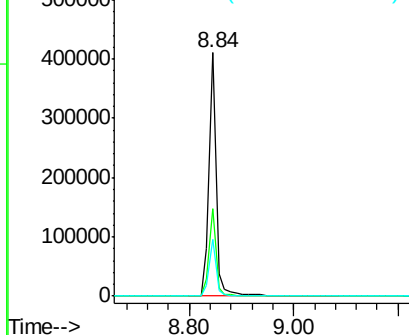


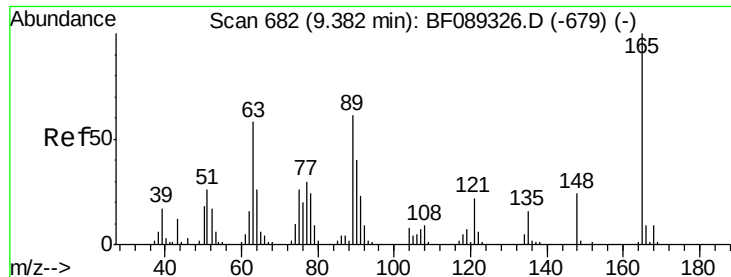
#44
 2-Fluorobiphenyl
 Concen: 75.75 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Tgt Ion:172 Resp: 393865
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.6 19.2 28.8



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

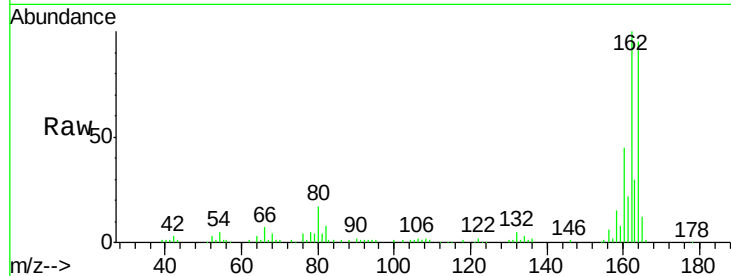




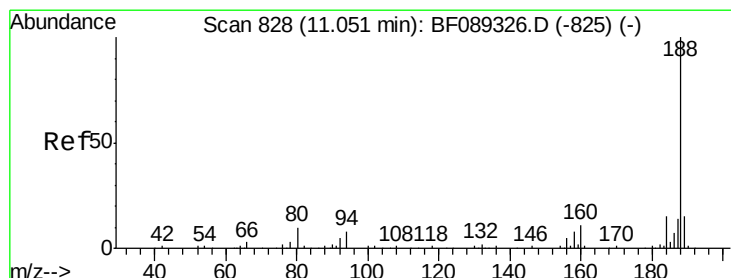
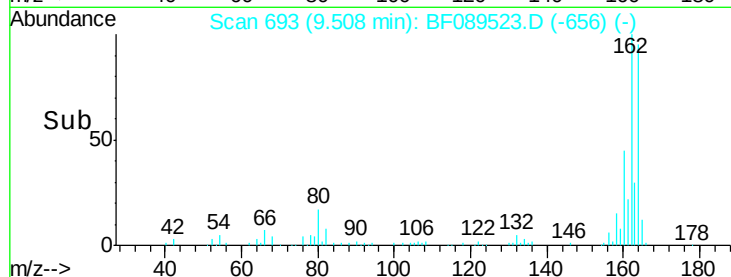
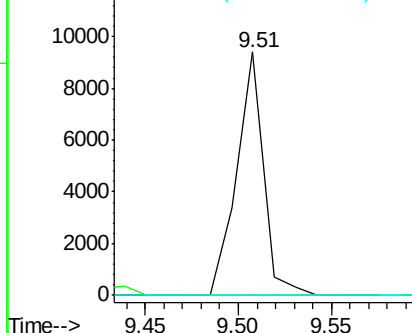
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.13 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tgt Ion:165 Resp: 9485
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#

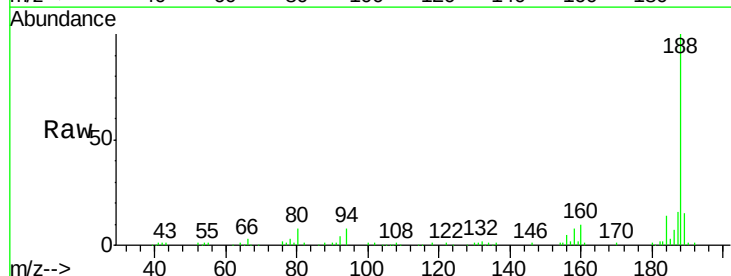


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

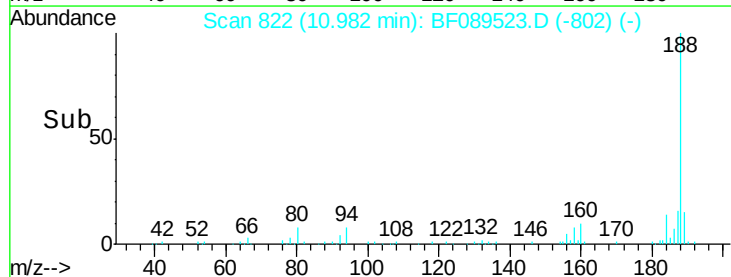
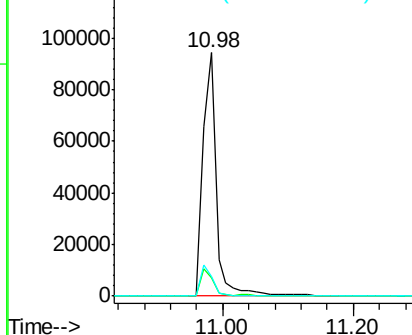


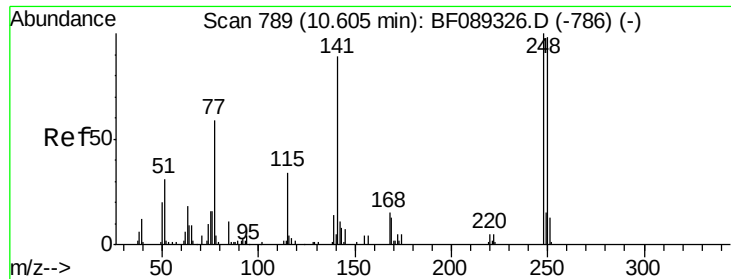
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.07 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Tgt Ion:188 Resp: 133200
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.5 9.7
 80 7.9 7.2 10.8



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

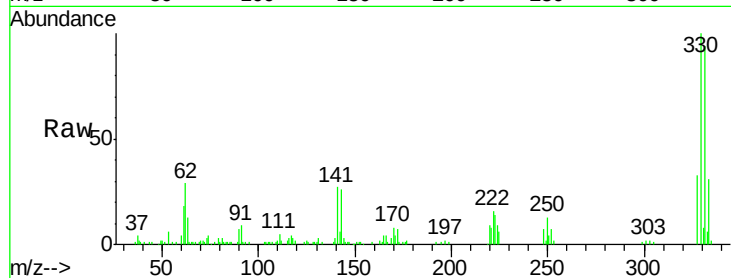




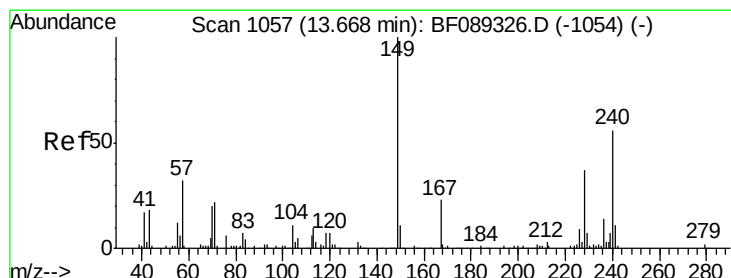
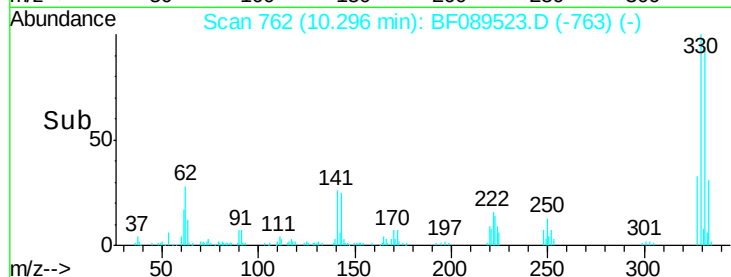
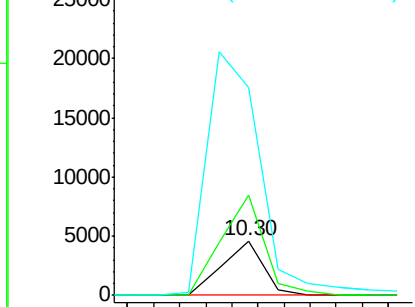
#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.31 min
Lab File: BF089523.D
Acq: 1 Aug 2016 21:26

Instrument :
BNA_F
ClientSampled :
DUP-X

Tgt Ion:248 Resp: 5092
Ion Ratio Lower Upper
248 100
250 185.8 78.2 117.2#
141 384.2 62.0 93.0#

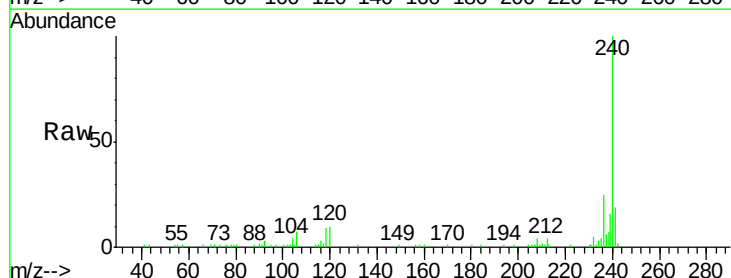


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

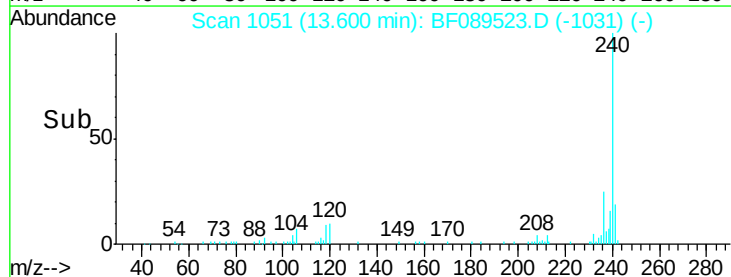
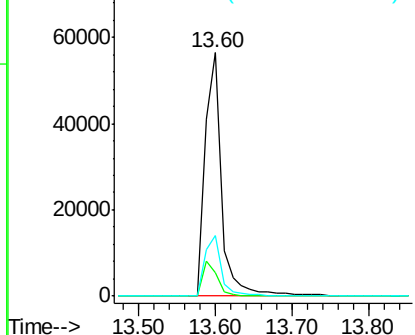


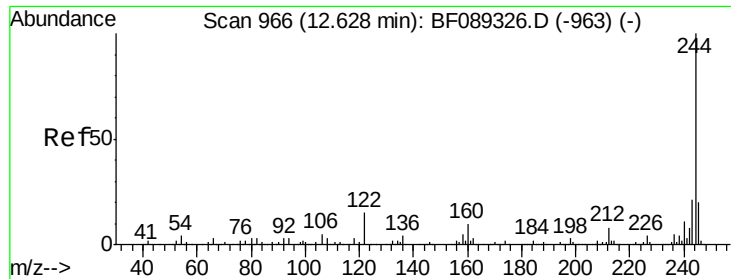
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.07 min
Lab File: BF089523.D
Acq: 1 Aug 2016 21:26

Tgt Ion:240 Resp: 82743
Ion Ratio Lower Upper
240 100
120 9.5 9.1 13.7
236 25.1 20.6 30.8



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

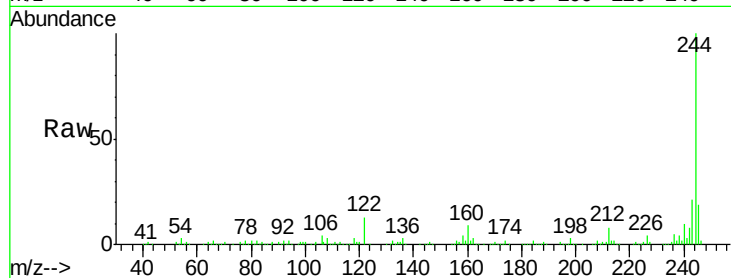




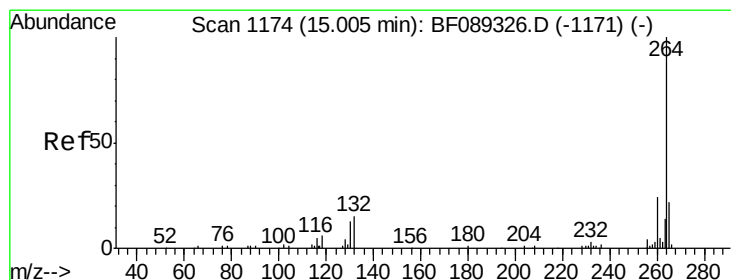
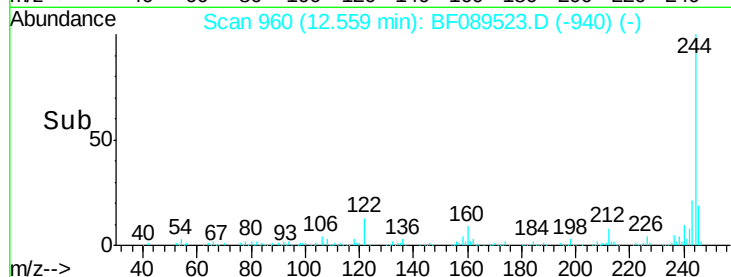
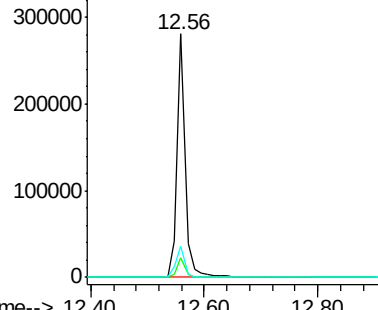
#78
 Terphenyl-d14
 Concen: 75.29 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.07 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tgt Ion:244 Resp: 266178
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 12.8 11.4 17.0

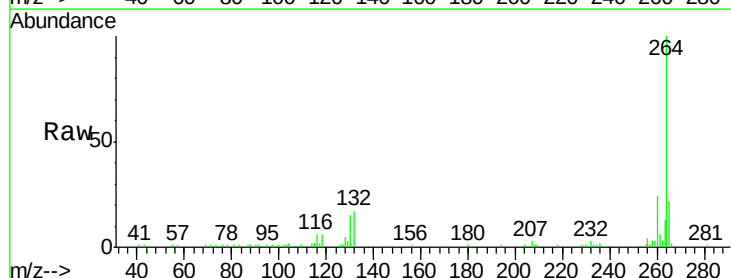


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF089523.D
 Acq: 1 Aug 2016 21:26

Tgt Ion:264 Resp: 70932
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.6 17.5 26.3



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

