

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089205.D
 Acq On : 22 Jul 2016 21:23
 Operator : UM/SJ
 Sample : PB92323BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BL

Quant Time: Jul 25 00:54:33 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

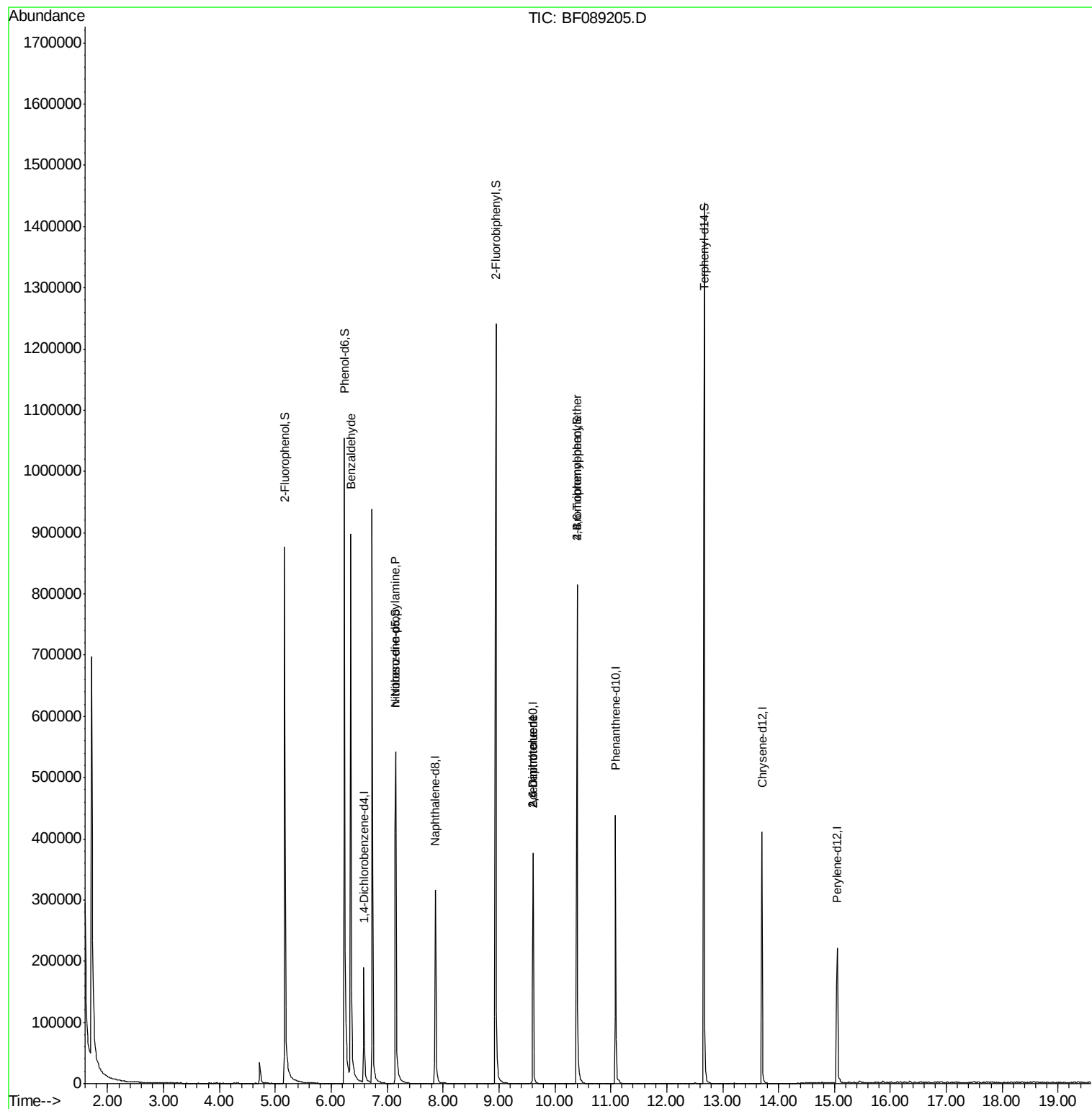
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	43105	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	188789	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	92702	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	191689	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	148084	20.00	ng	-0.02
86) Perylene-d12	15.05	264	115005	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	358033	126.33	ng	-0.02
7) Phenol-d6	6.24	99	516077	141.20	ng	-0.03
23) Nitrobenzene-d5	7.15	82	309438	87.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	107677	129.01	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	588527	87.47	ng	-0.02
78) Terphenyl-d14	12.67	244	578605	84.75	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	8624	3.34	ng	85
19) n-Nitroso-di-n-propylamine	7.15	70	40495	16.94	ng	# 77
50) 2,6-Dinitrotoluene	9.61	165	11236	7.00	ng	# 28
56) 2,4-Dinitrotoluene	9.61	165	11236	5.43	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	8157	4.30	ng	# 1

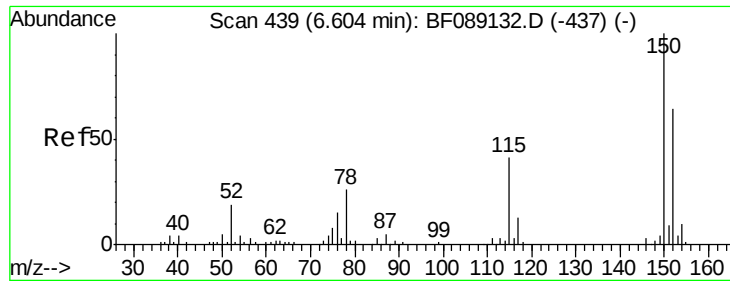
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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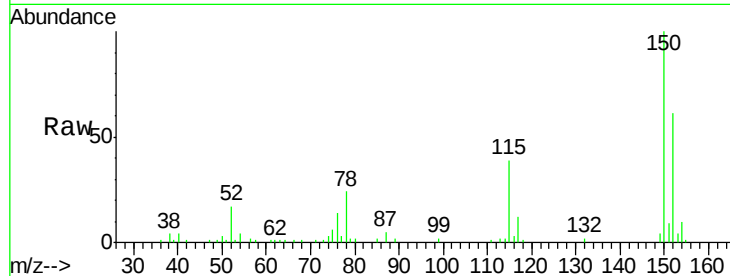


#1

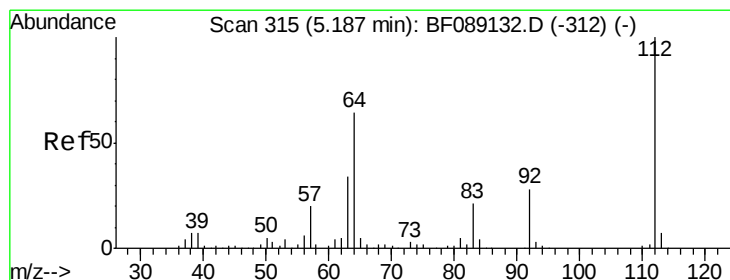
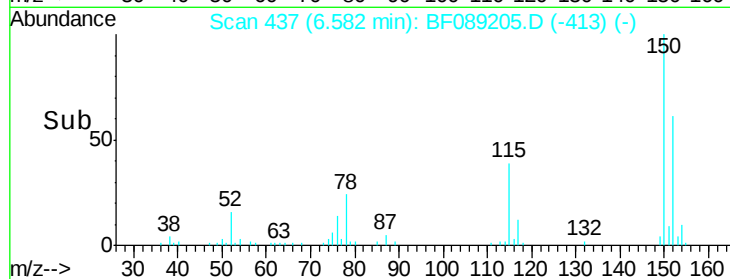
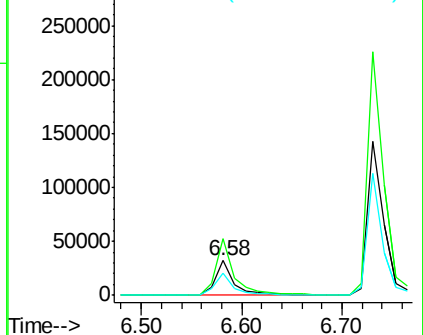
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BL

Tgt Ion:152 Resp: 43105
 Ion Ratio Lower Upper
 152 100
 150 163.2 125.1 187.7
 115 63.3 51.1 76.7



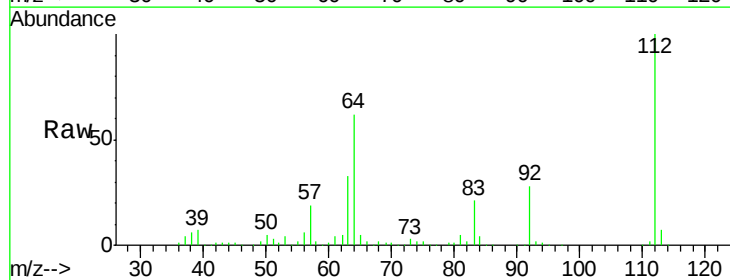
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



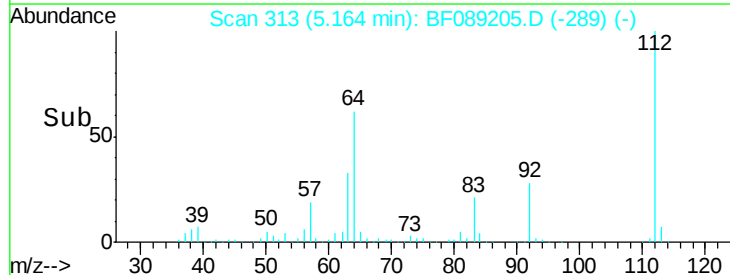
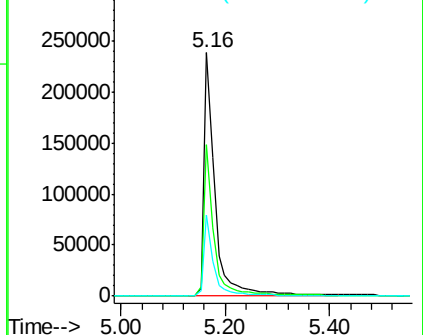
#5

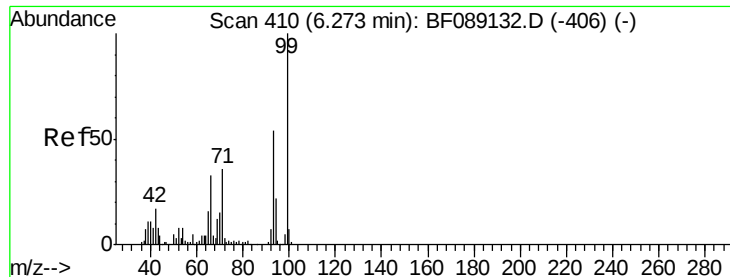
2-Fluorophenol
 Concen: 126.33 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Tgt Ion:112 Resp: 358033
 Ion Ratio Lower Upper
 112 100
 64 62.3 51.0 76.4
 63 33.4 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: 141.20 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089205.D

Acq: 22 Jul 2016 21:23

Instrument :

BNA_F

ClientSampleId :

PB92323BL

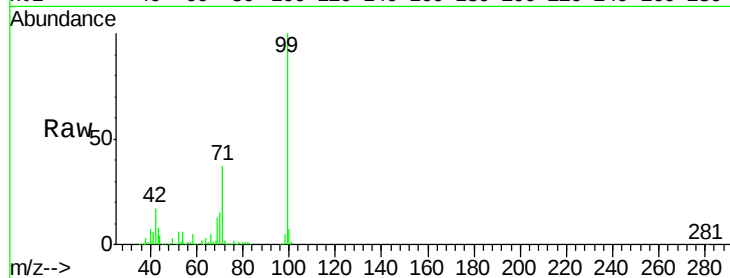
Tgt Ion: 99 Resp: 516077

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

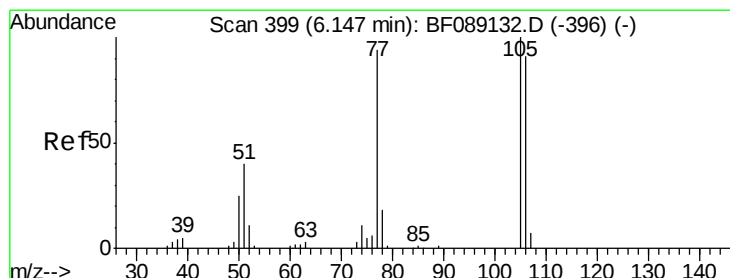
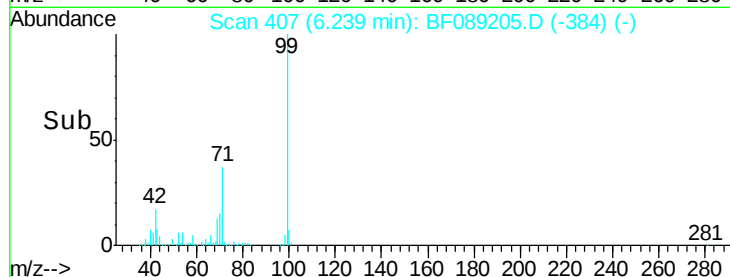
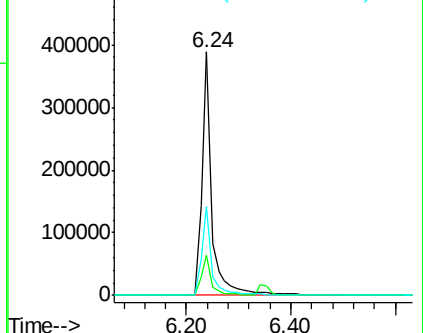
71 36.7 28.9 43.3



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



#9

Benzaldehyde

Concen: 3.34 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089205.D

Acq: 22 Jul 2016 21:23

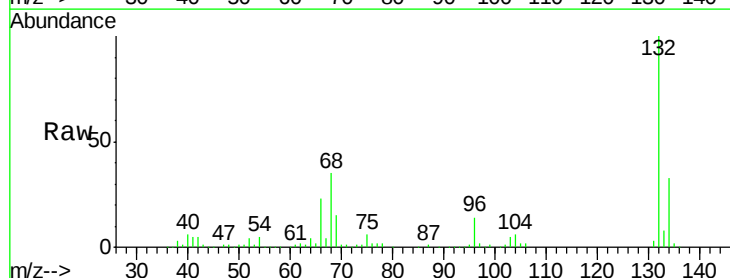
Tgt Ion: 77 Resp: 8624

Ion Ratio Lower Upper

77 100

105 89.9 86.2 126.2

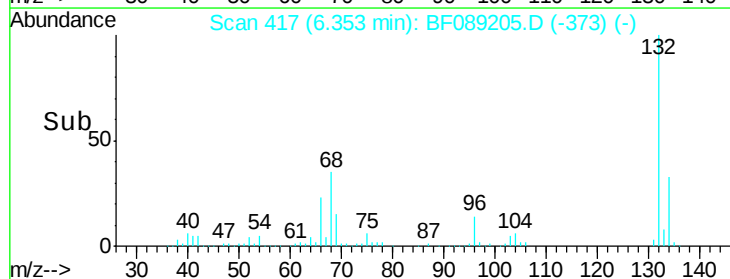
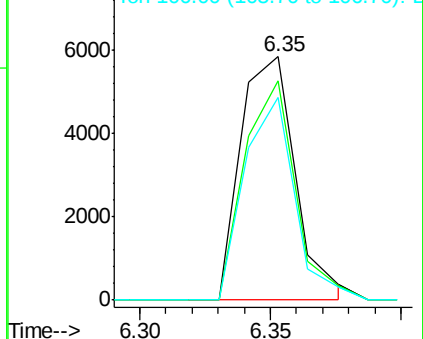
106 83.4 76.3 116.3

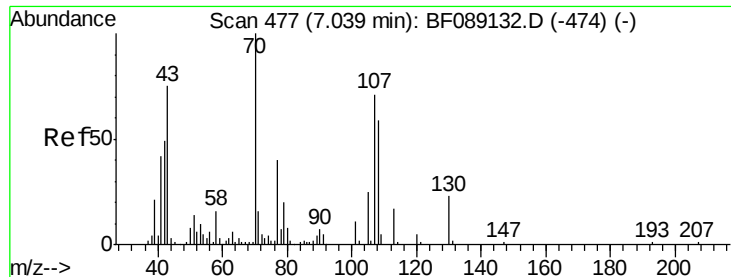


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

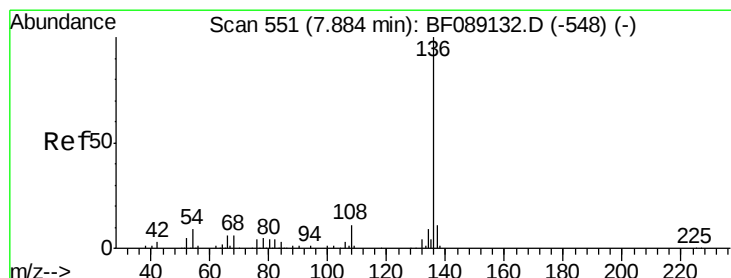
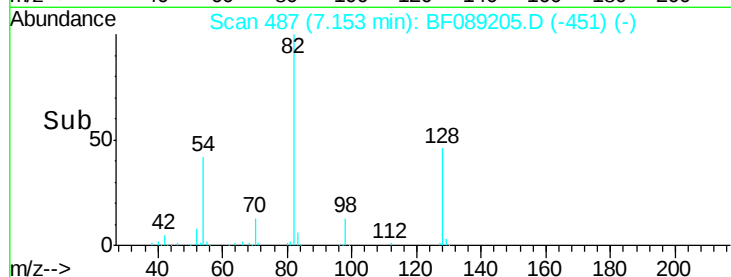
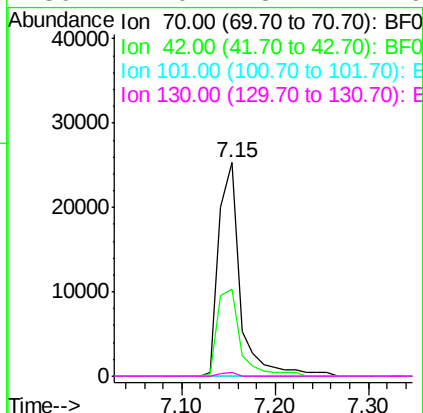
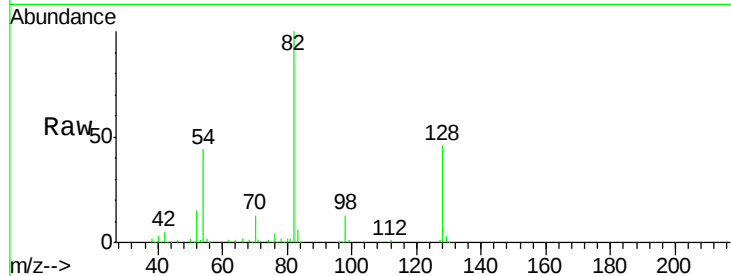




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.94 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.11 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

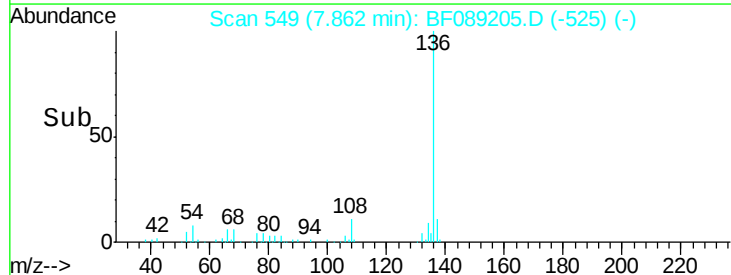
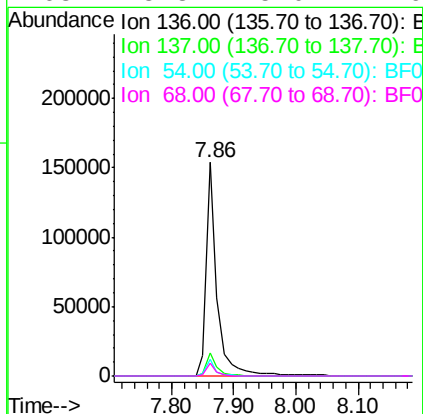
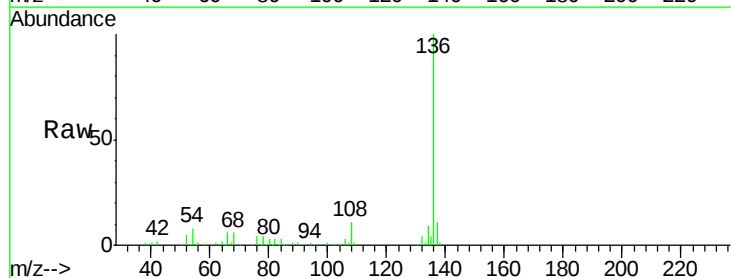
Instrument :
 BNA_F
 ClientSampleId :
 PB92323BL

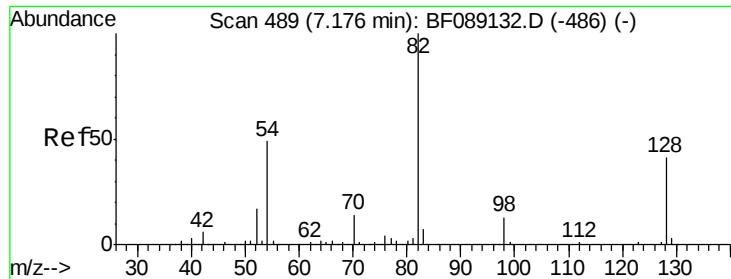
Tgt Ion:	70	Resp:	40495
Ion	Ratio	Lower	Upper
70	100		
42	40.6	39.2	58.8
101	0.0	8.5	12.7#
130	2.0	18.4	27.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Tgt Ion:	136	Resp:	188789
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.0	7.0	10.4
68	5.8	5.0	7.6

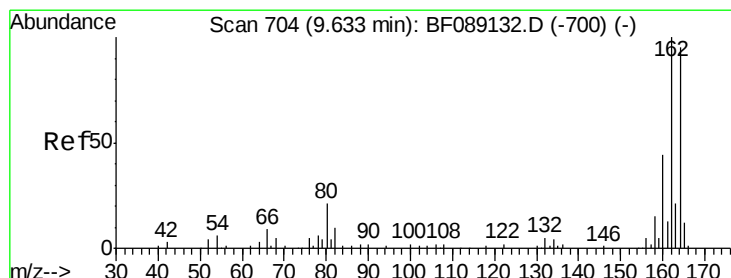
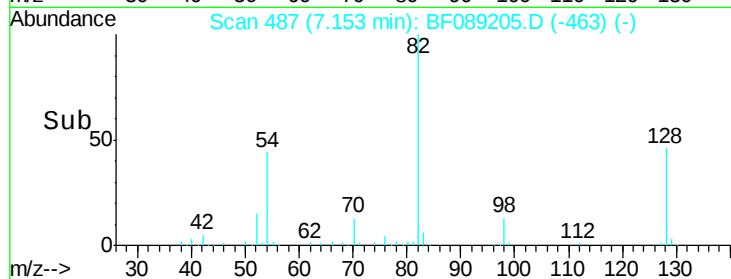
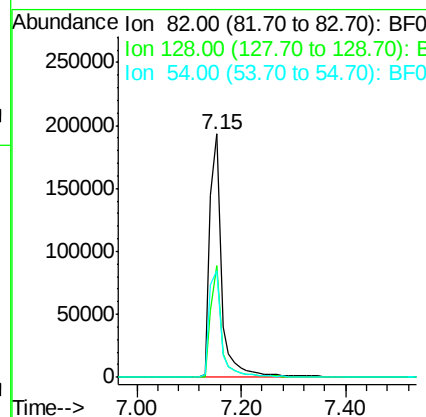
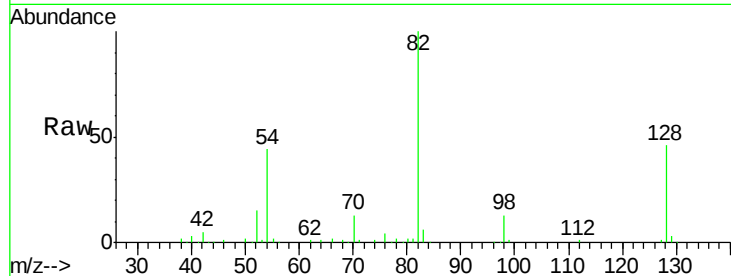




#23
 Nitrobenzene-d5
 Concen: 87.09 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

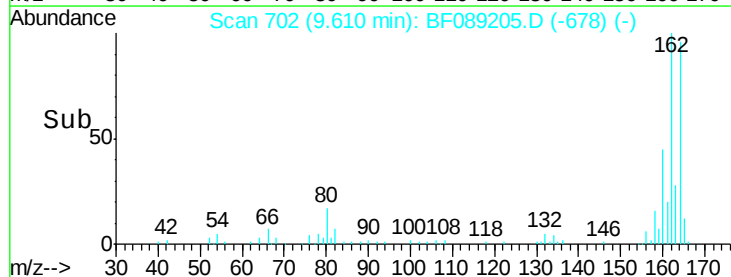
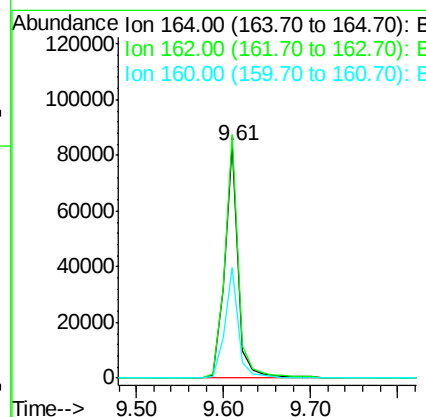
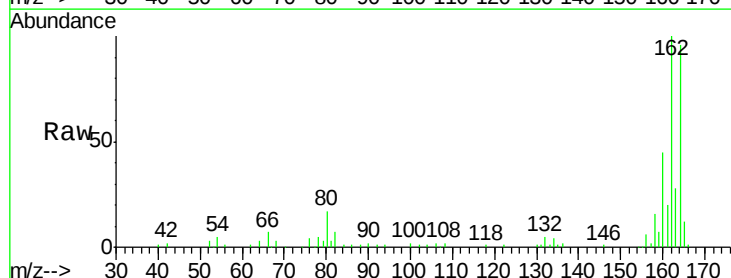
Instrument :
 BNA_F
 ClientSampled :
 PB92323BL

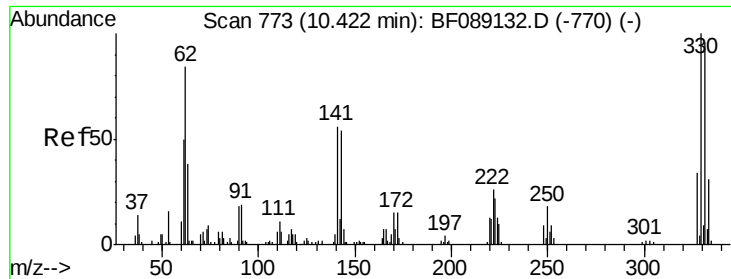
Tgt Ion: 82 Resp: 309438
 Ion Ratio Lower Upper
 82 100
 128 46.1 33.0 49.6
 54 43.6 39.0 58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Tgt Ion: 164 Resp: 92702
 Ion Ratio Lower Upper
 164 100
 162 104.3 84.1 126.1
 160 47.3 37.1 55.7

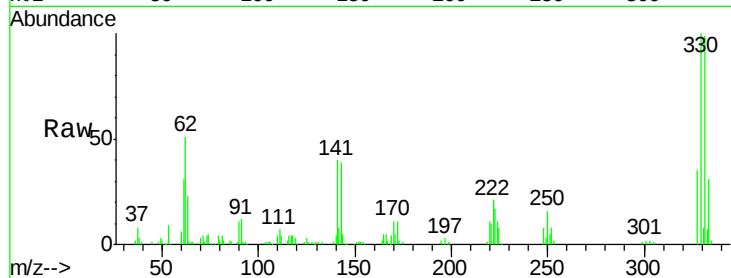




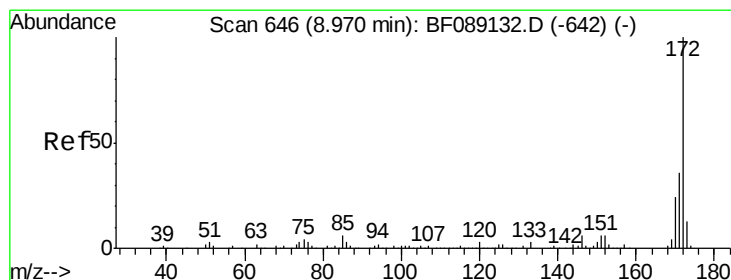
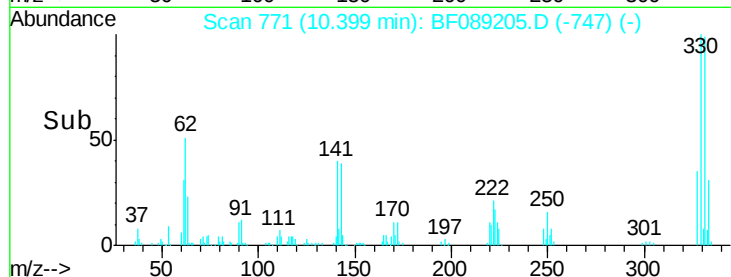
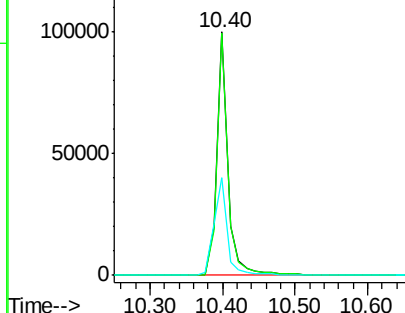
#41
 2,4,6-Tribromophenol
 Concen: 129.01 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92323BL

Tgt Ion:330 Resp: 107677
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.2 115.8
 141 47.3 42.2 63.2

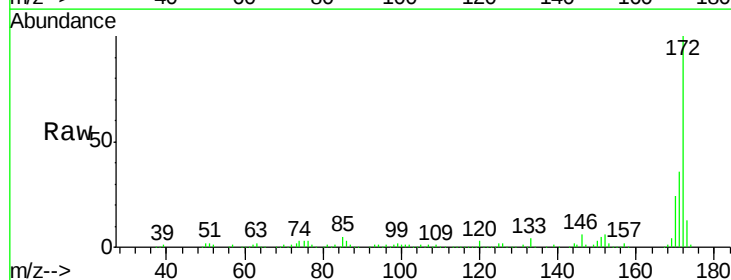


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

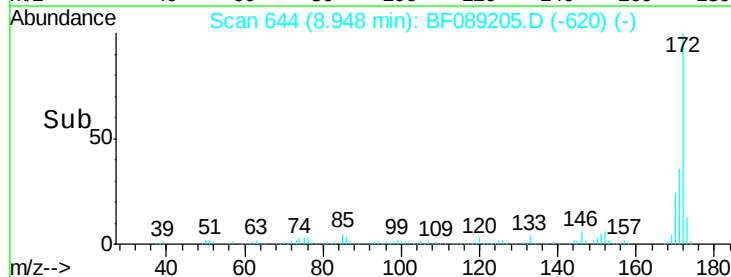
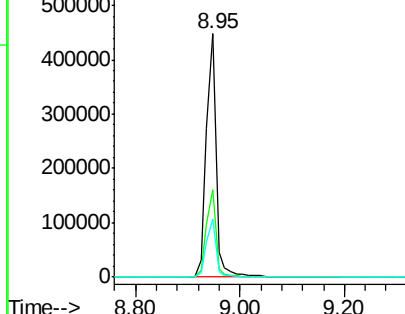


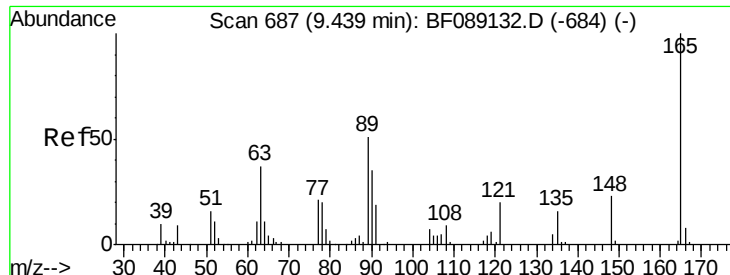
#44
 2-Fluorobiphenyl
 Concen: 87.47 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089205.D
 Acq: 22 Jul 2016 21:23

Tgt Ion:172 Resp: 588527
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.6 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

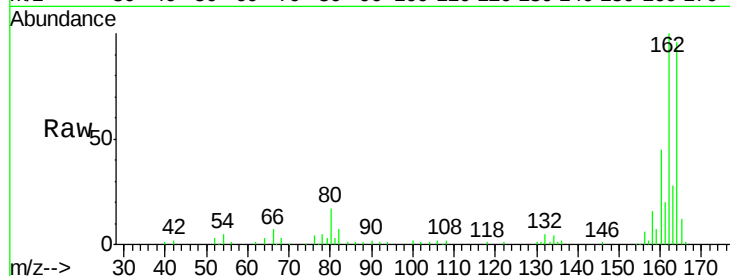




#50
2,6-Dinitrotoluene
Concen: 7.00 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.17 min
Lab File: BF089205.D
Acq: 22 Jul 2016 21:23

Instrument :
BNA_F
ClientSampleId :
PB92323BL

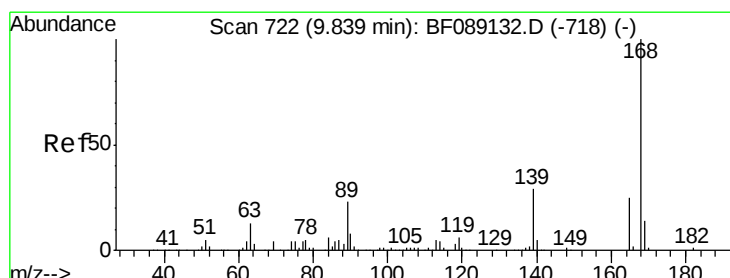
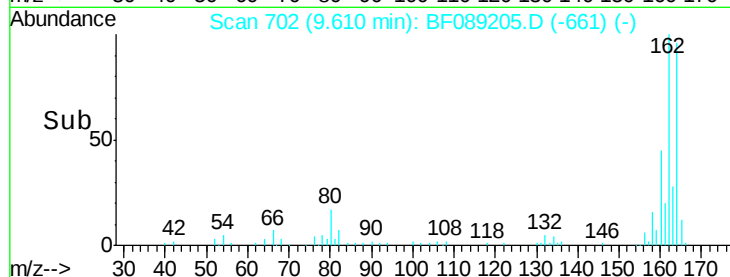
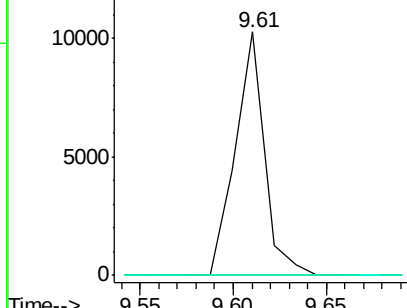
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.0	55.4#
89	0.0	40.9	61.3#



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



#56
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089205.D
Acq: 22 Jul 2016 21:23

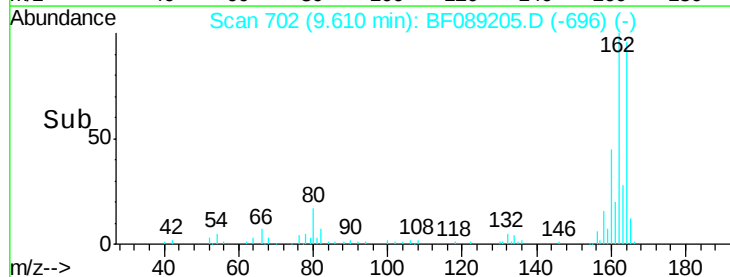
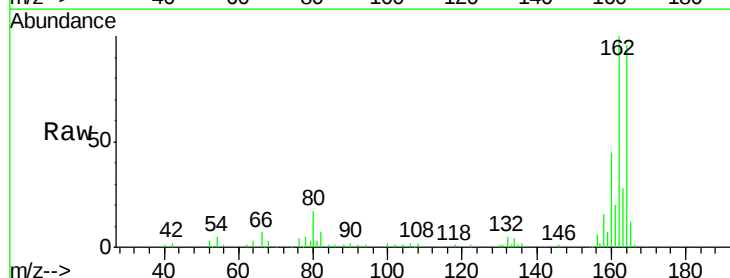
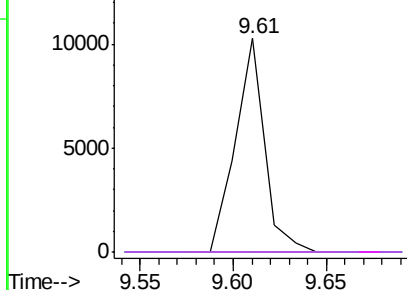
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

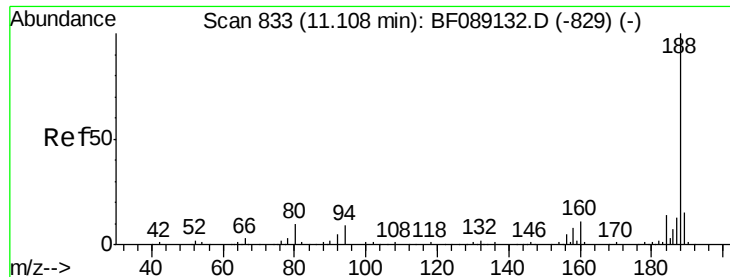
Abundance Ion 165.00 (164.70 to 165.70): E

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

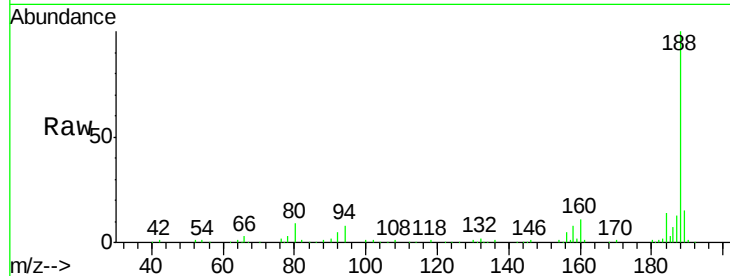




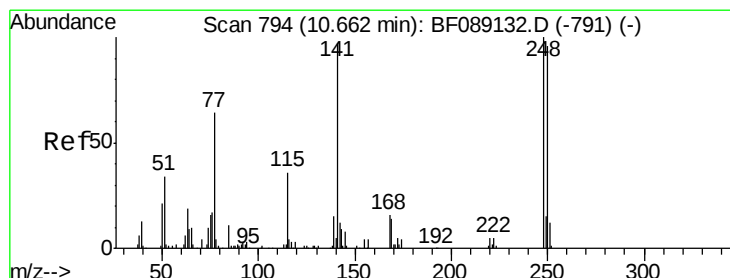
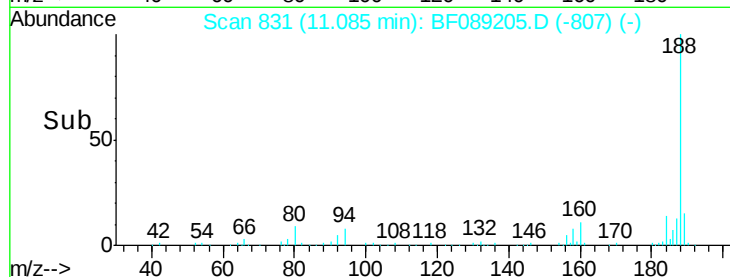
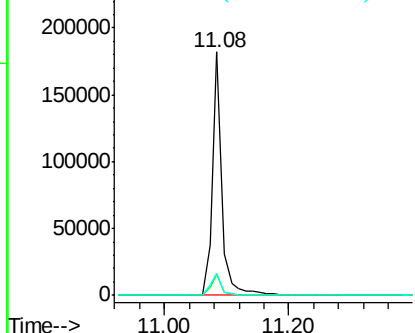
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089205.D
Acq: 22 Jul 2016 21:23

Instrument :
BNA_F
ClientSampleId :
PB92323BL

Tgt Ion:188 Resp: 191689
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.3 7.7 11.5

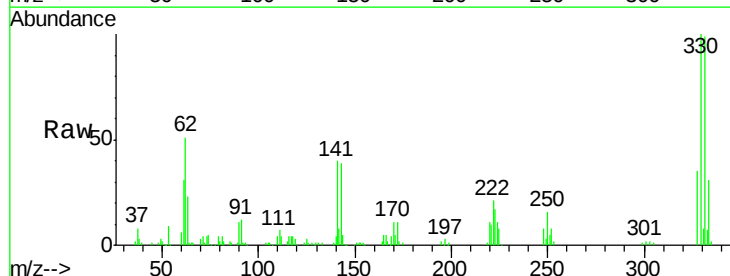


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

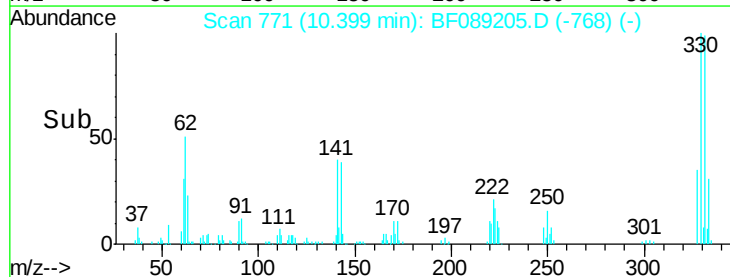
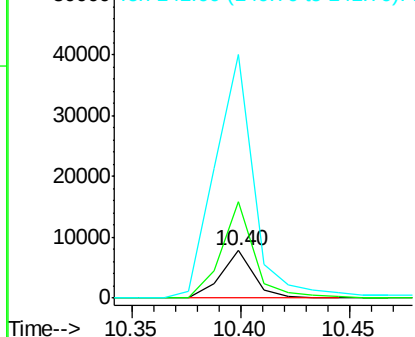


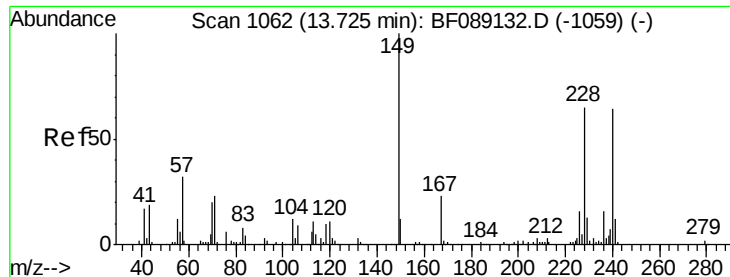
#66
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089205.D
Acq: 22 Jul 2016 21:23

Tgt Ion:248 Resp: 8157
Ion Ratio Lower Upper
248 100
250 202.4 76.9 115.3#
141 511.2 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: BF089205.D

Acq: 22 Jul 2016 21:23

Instrument :

BNA_F

ClientSampleId :

PB92323BL

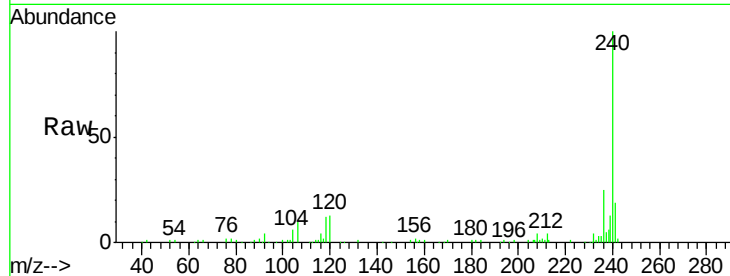
Tgt Ion:240 Resp: 148084

Ion Ratio Lower Upper

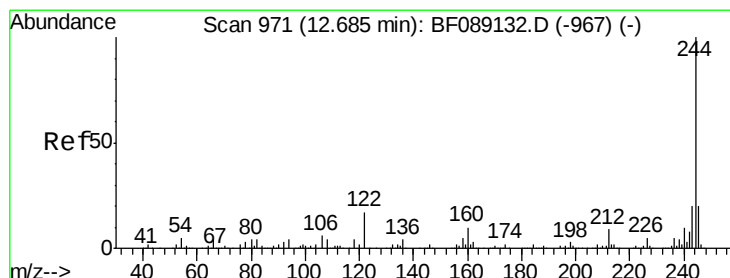
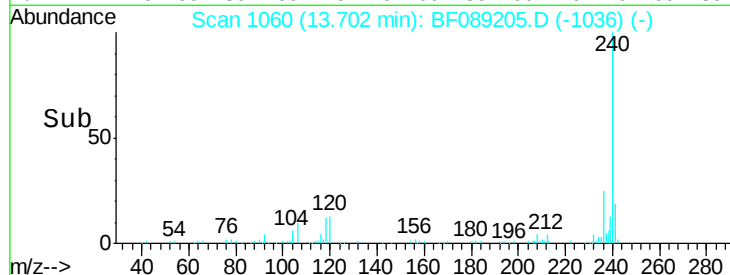
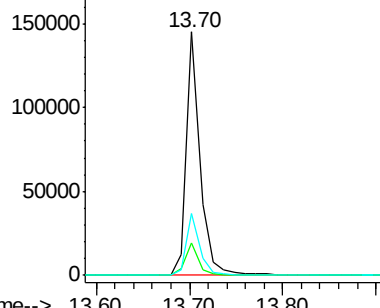
240 100

120 13.3 13.6 20.4#

236 25.5 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: 84.75 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089205.D

Acq: 22 Jul 2016 21:23

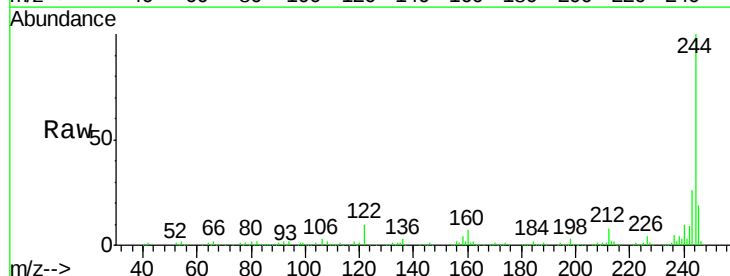
Tgt Ion:244 Resp: 578605

Ion Ratio Lower Upper

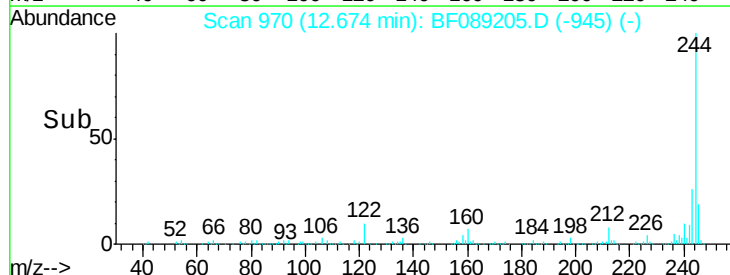
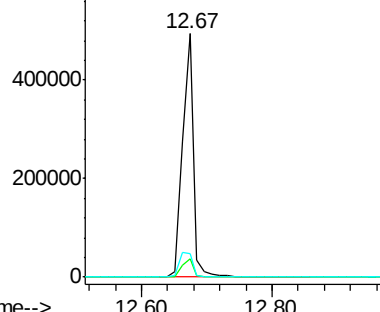
244 100

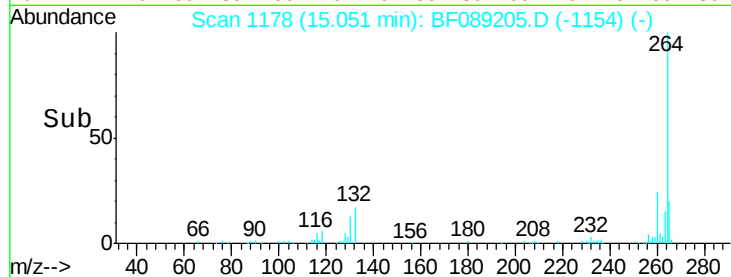
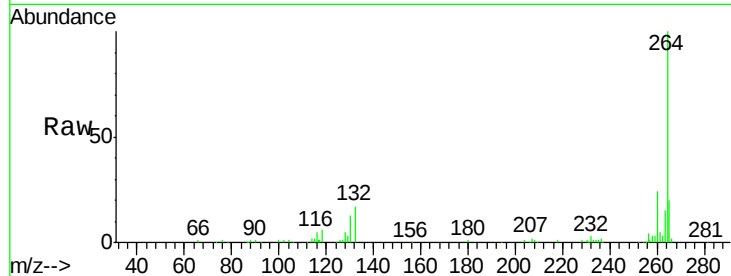
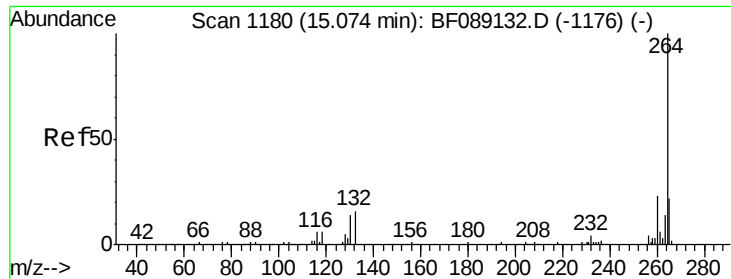
212 7.6 7.0 10.4

122 9.7 13.8 20.8#



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: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089205.D
Acq: 22 Jul 2016 21:23

Instrument :
BNA_F
ClientSampleId :
PB92323BL

Tgt Ion: 264 Resp: 115005
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 20.1 17.3 25.9

