

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089395.D
 Acq On : 29 Jul 2016 6:55
 Operator : UM/SJ
 Sample : PB92528BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BL

Quant Time: Jul 29 07:25:20 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

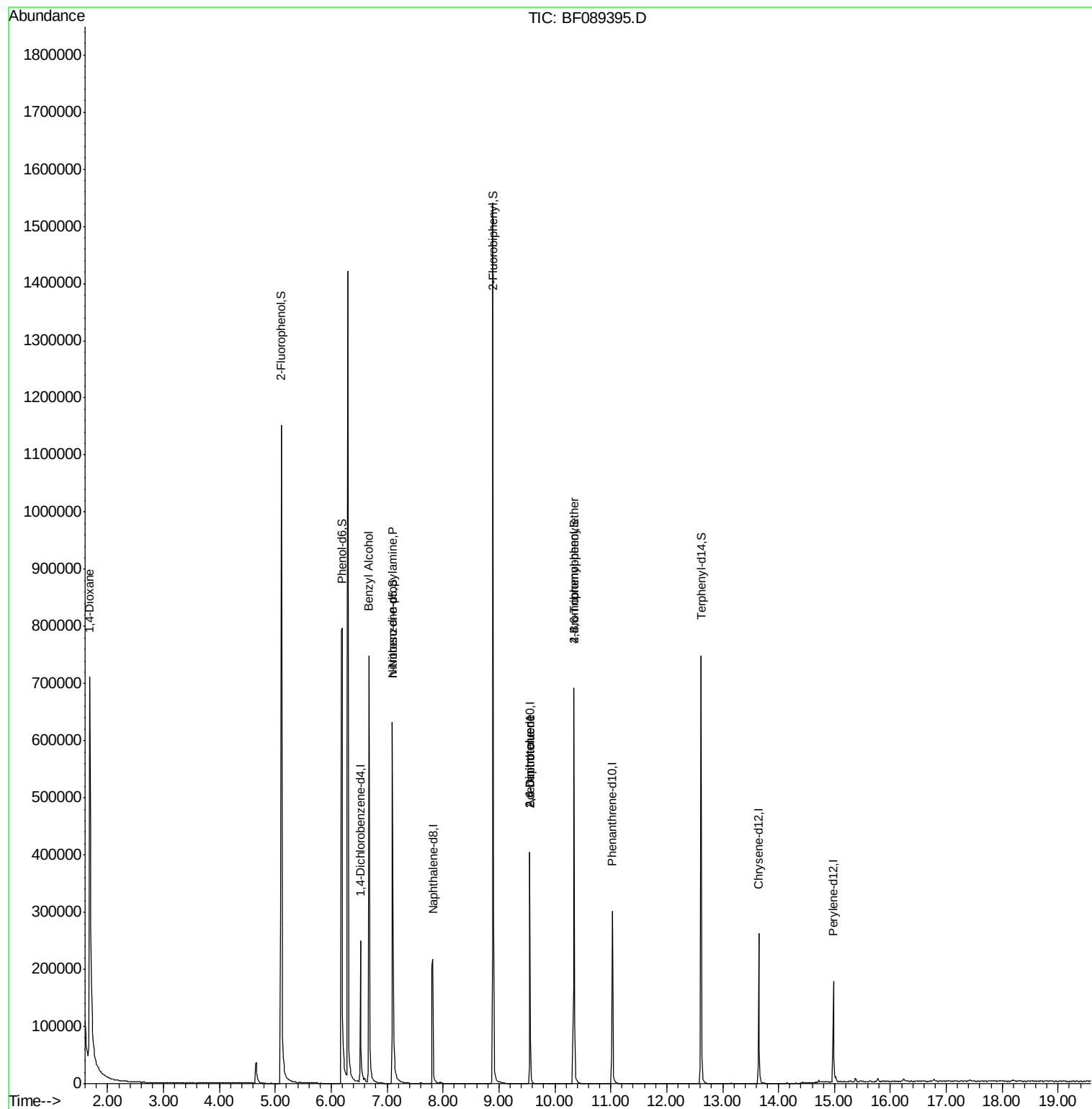
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	46811	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	179436	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	79873	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	128354	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	99679	20.00	ng	-0.02
86) Perylene-d12	14.98	264	79682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	394250	134.48	ng	0.00
7) Phenol-d6	6.19	99	520539	134.35	ng	-0.01
23) Nitrobenzene-d5	7.10	82	305362	100.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	74335	112.37	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	512101	94.09	ng	-0.02
78) Terphenyl-d14	12.62	244	367535	86.30	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.68	88	33853	24.09	ng	# 26
15) Benzyl Alcohol	6.67	79	5169	2.15	ng	# 50
19) n-Nitroso-di-n-propylamine	7.10	70	38213	16.36	ng	# 83
50) 2,6-Dinitrotoluene	9.55	165	9635	7.71	ng	# 24
56) 2,4-Dinitrotoluene	9.55	165	9635	5.86	ng	# 7
66) 4-Bromophenyl-phenylether	10.34	248	5926	4.84	ng	# 1

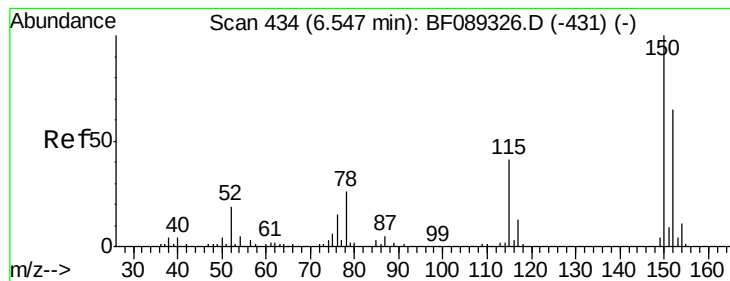
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

Instrument :

BNA_F

ClientSampled :

PB92528BL

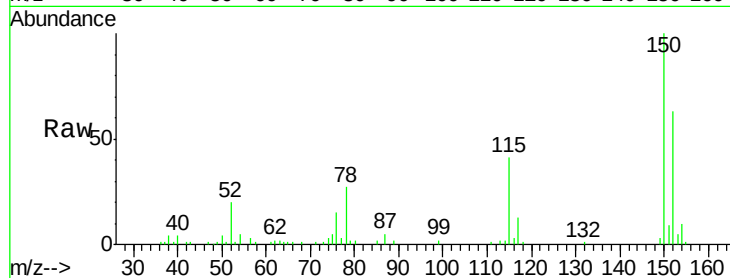
Tgt Ion:152 Resp: 46811

Ion Ratio Lower Upper

152 100

150 159.5 129.5 194.3

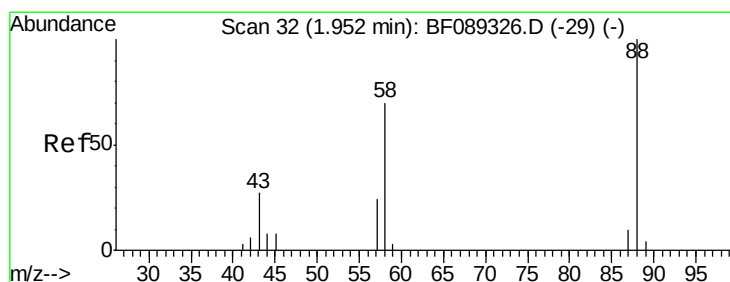
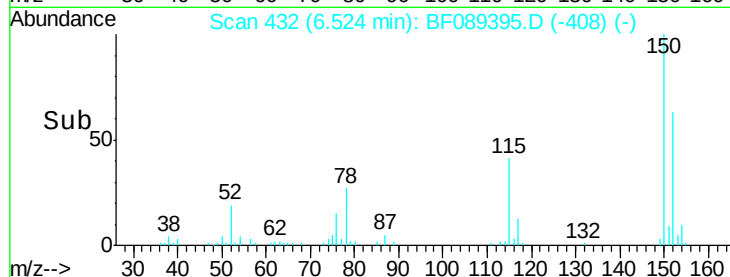
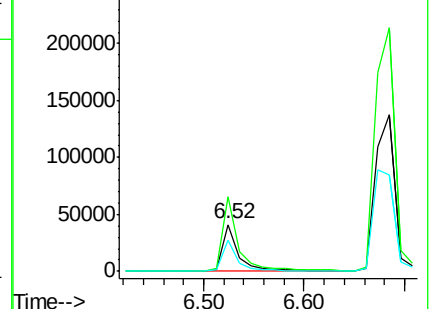
115 65.6 51.4 77.2



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



#2

1,4-Dioxane

Concen: 24.09 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.27 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

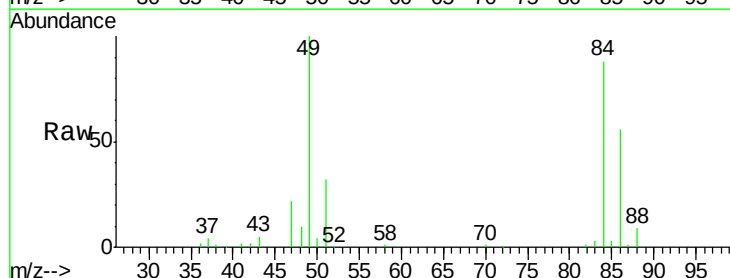
Tgt Ion: 88 Resp: 33853

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

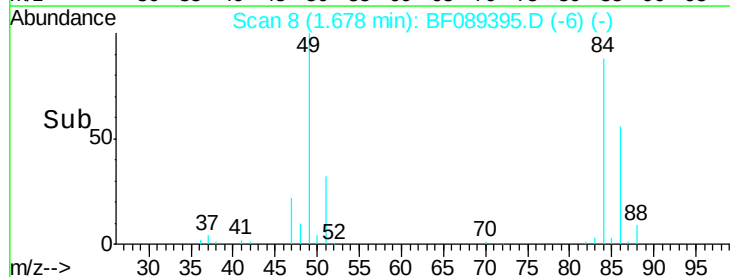
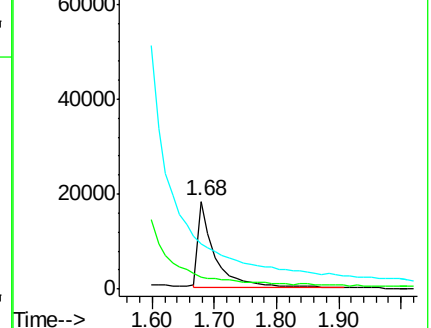
43 0.0 20.6 31.0#

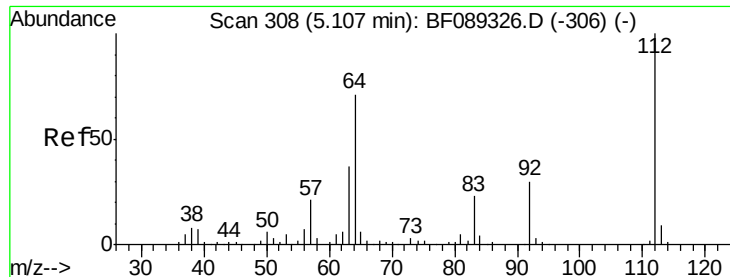


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

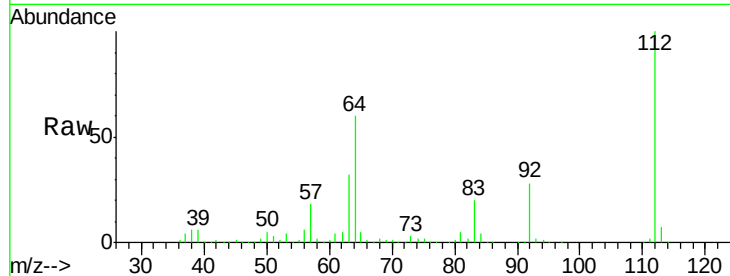




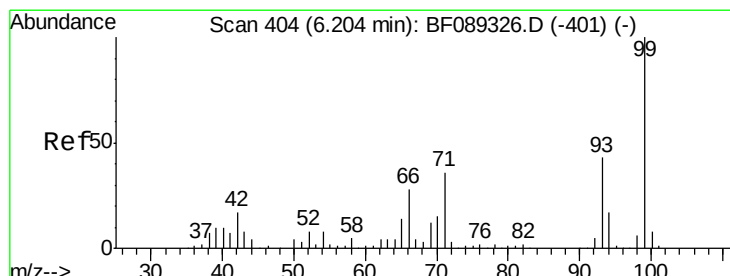
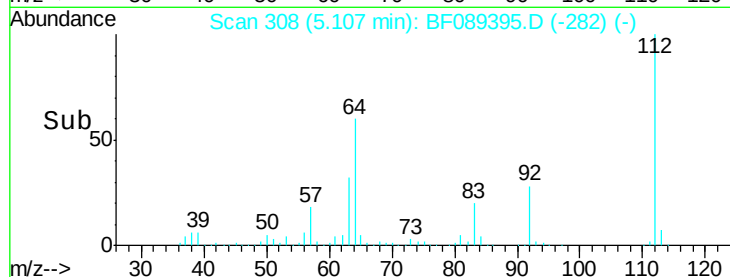
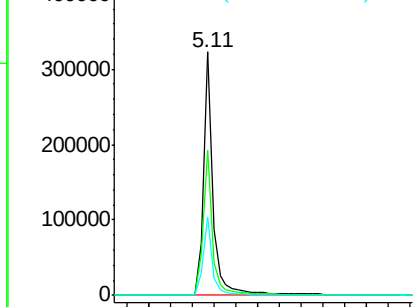
#5
 2-Fluorophenol
 Concen: 134.48 ng
 RT: 5.11 min Scan# 308
 Delta R.T. 0.00 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BL

Tgt Ion: 112 Resp: 394250
 Ion Ratio Lower Upper
 112 100
 64 59.7 55.0 82.6
 63 32.1 29.4 44.2

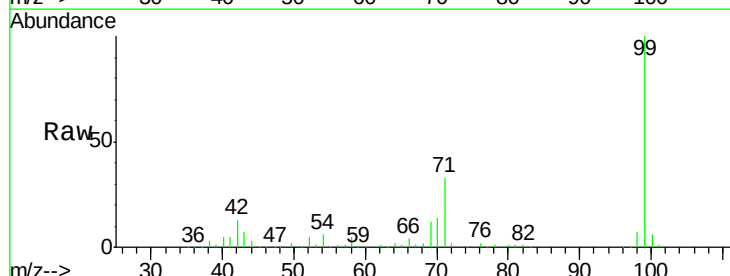


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

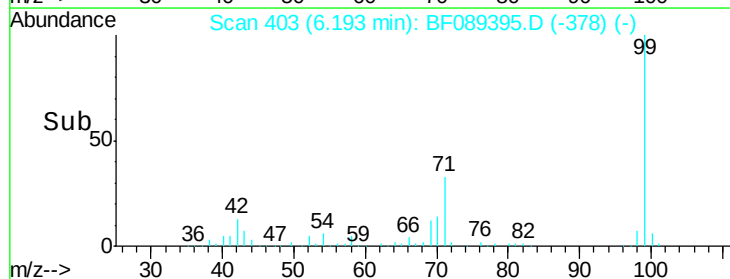
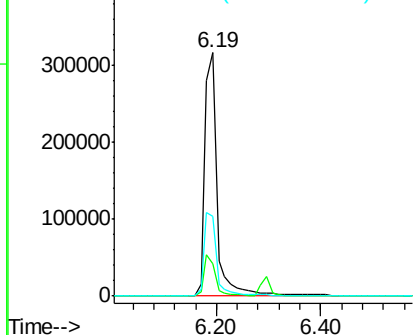


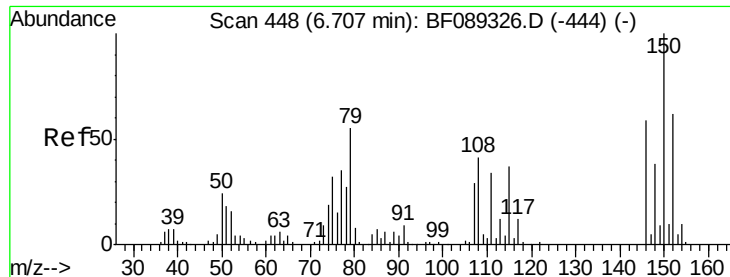
#7
 Phenol-d6
 Concen: 134.35 ng
 RT: 6.19 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Tgt Ion: 99 Resp: 520539
 Ion Ratio Lower Upper
 99 100
 42 13.5 13.6 20.4#
 71 32.9 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

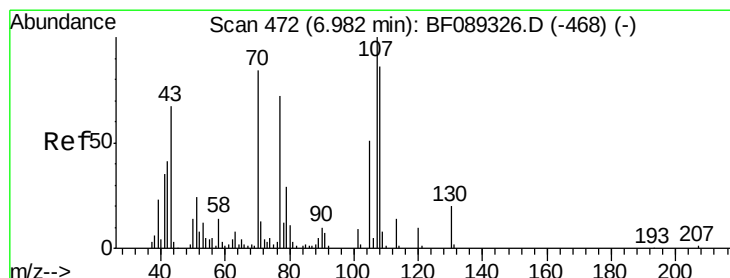
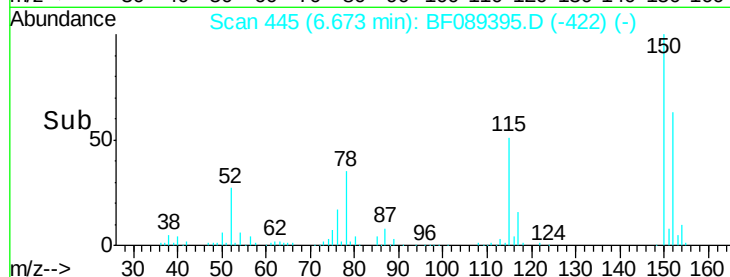
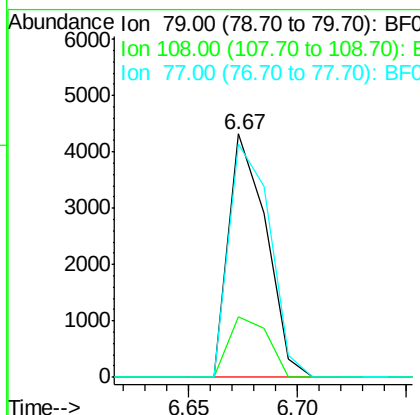
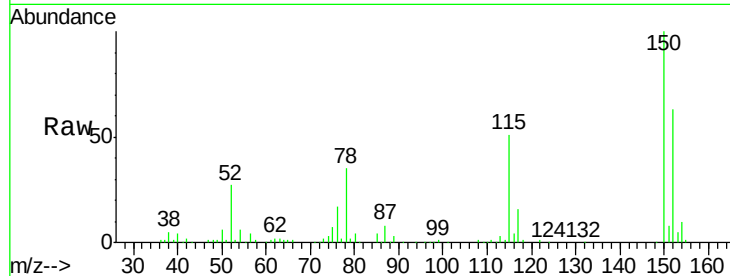




#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089395.D
Acq: 29 Jul 2016 6:55

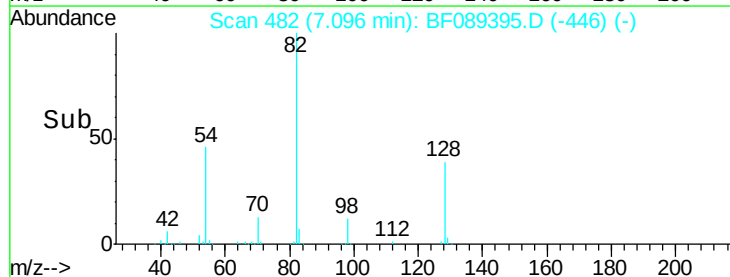
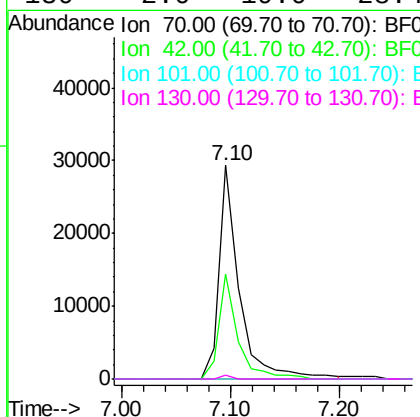
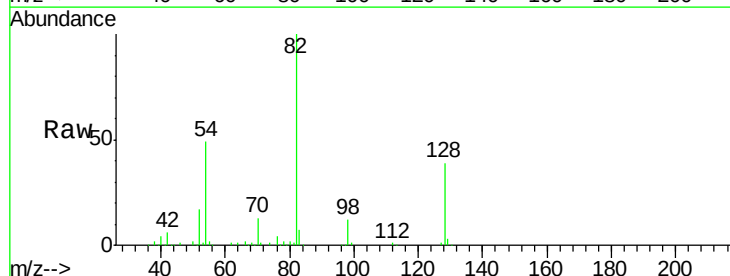
Instrument :
BNA_F
ClientSampleId :
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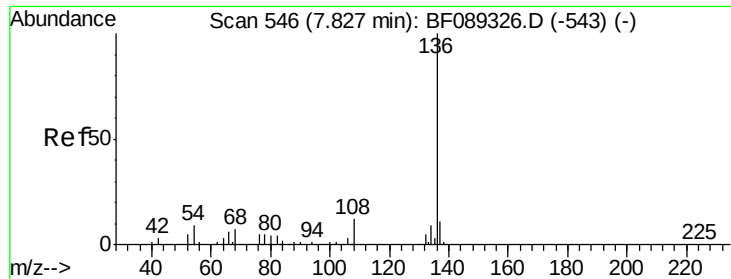
Tgt Ion: 79 Resp: 5169
Ion Ratio Lower Upper
79 100
108 24.8 59.8 89.6#
77 95.9 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.36 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.11 min
Lab File: BF089395.D
Acq: 29 Jul 2016 6:55

Tgt Ion: 70 Resp: 38213
Ion Ratio Lower Upper
70 100
42 49.1 38.6 57.8
101 0.0 8.3 12.5#
130 2.0 19.0 28.4#

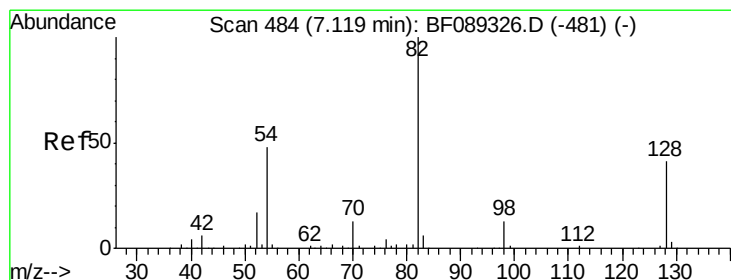
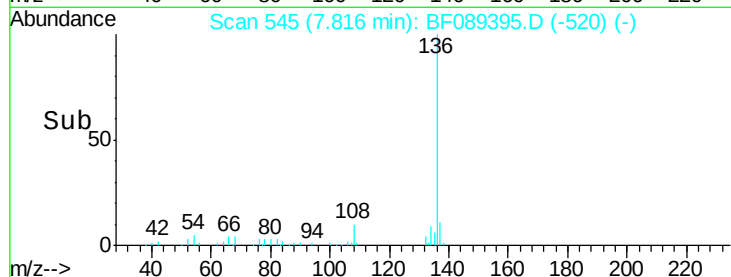
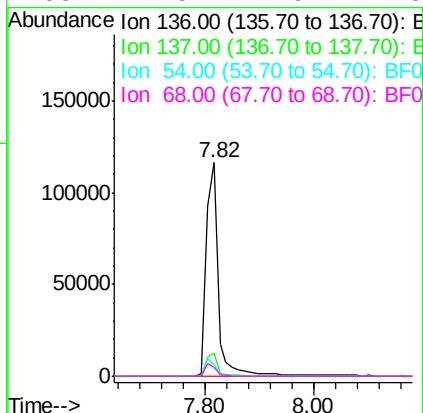
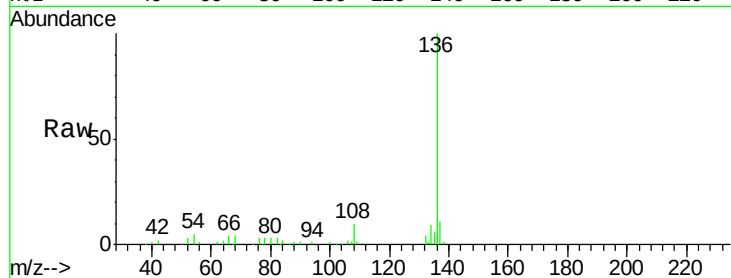




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089395.D
Acq: 29 Jul 2016 6:55

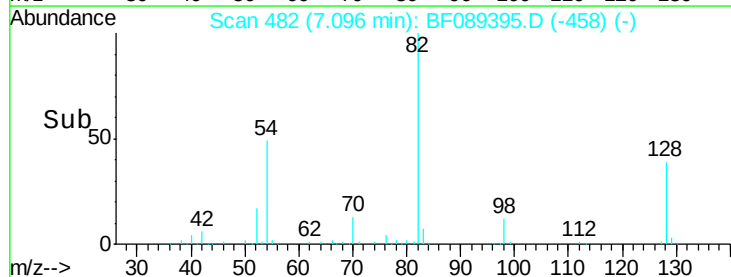
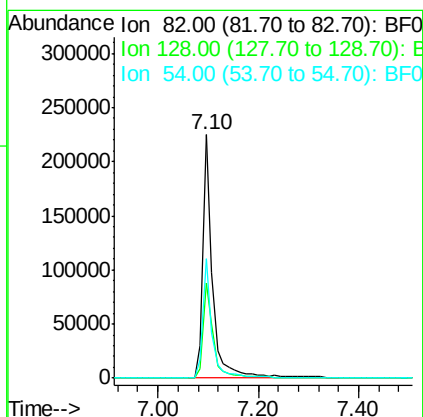
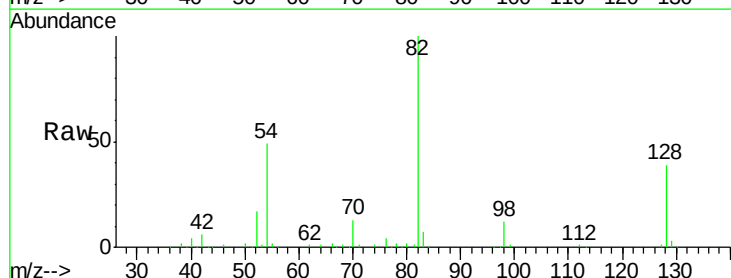
Instrument :
BNA_F
ClientSampleId :
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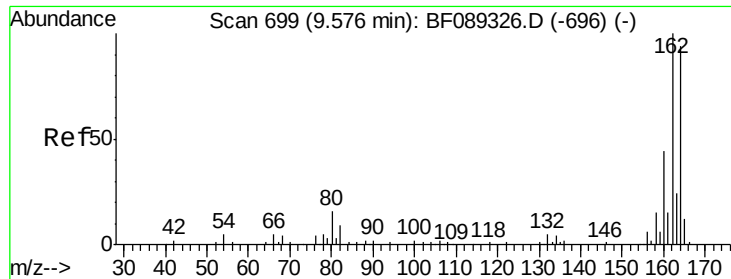
Tgt Ion:	136	Resp:	179436
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.3	7.0	10.4#
68	4.5	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 100.45 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089395.D
Acq: 29 Jul 2016 6:55

Tgt Ion:	82	Resp:	305362
Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.5	48.7
54	48.9	38.8	58.2

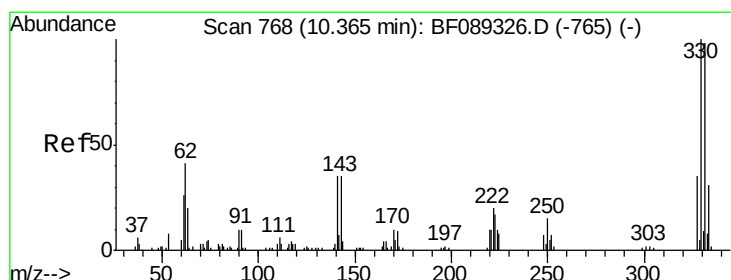
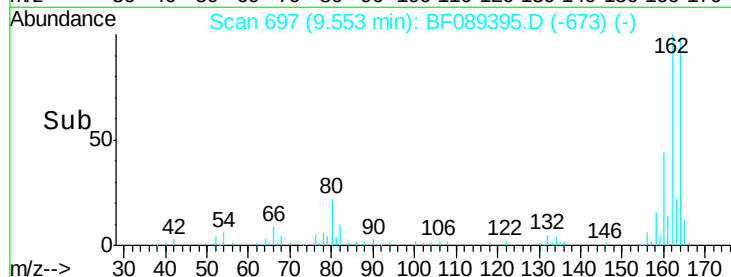
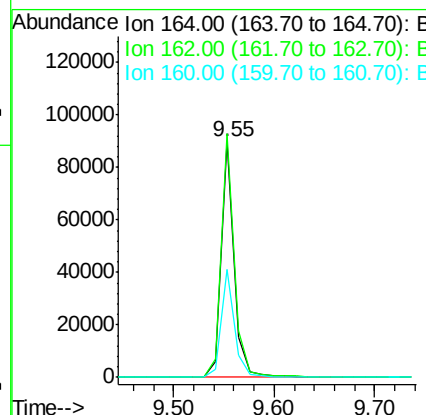
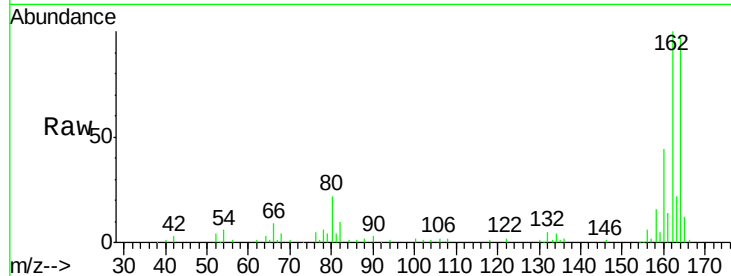




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

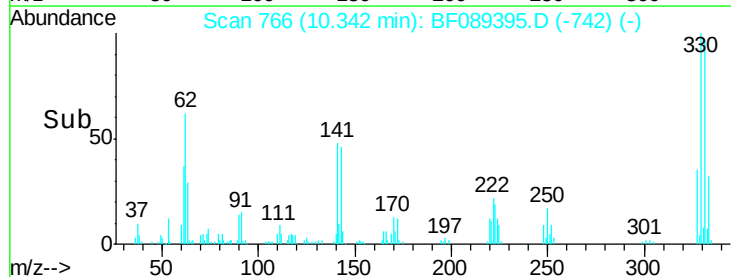
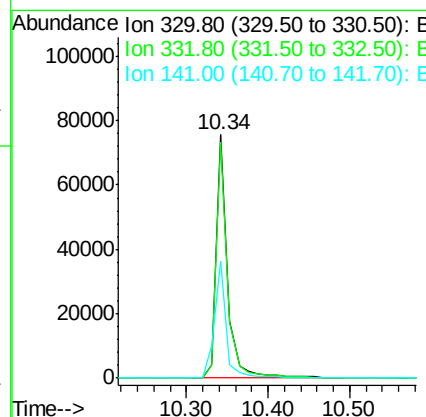
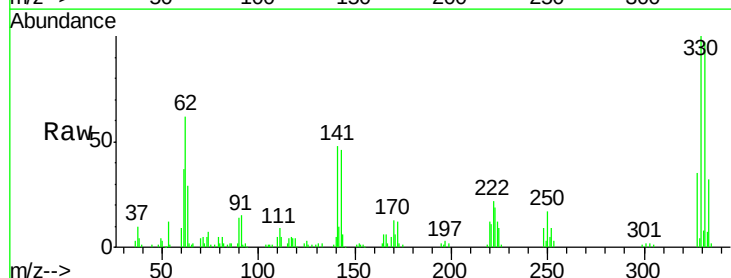
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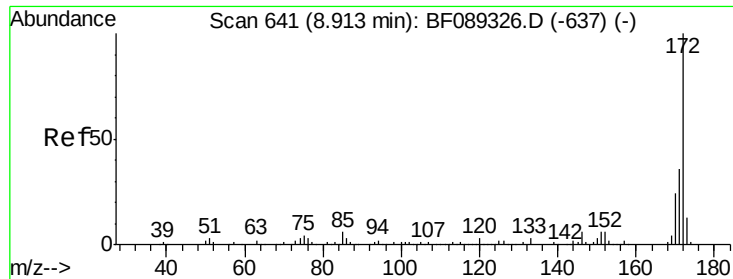
Tgt Ion:164 Resp: 79873
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.7 125.5
 160 46.0 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 112.37 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Tgt Ion:330 Resp: 74335
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 50.3 37.3 55.9

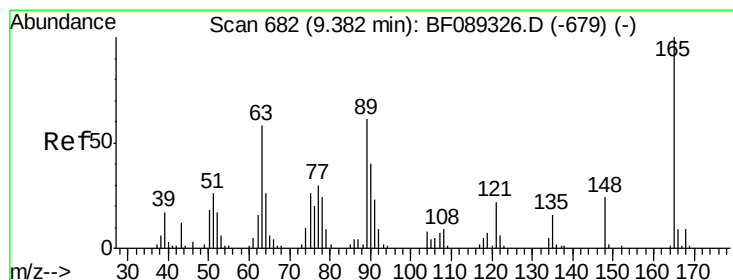
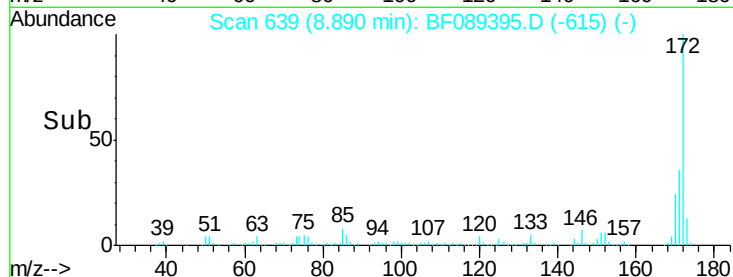
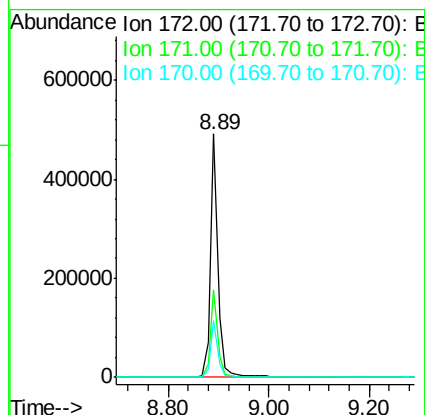
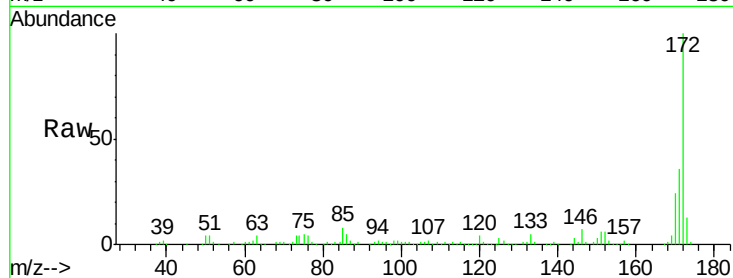




#44
 2-Fluorobiphenyl
 Concen: 94.09 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

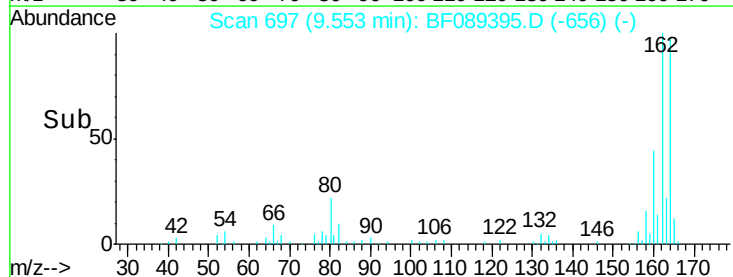
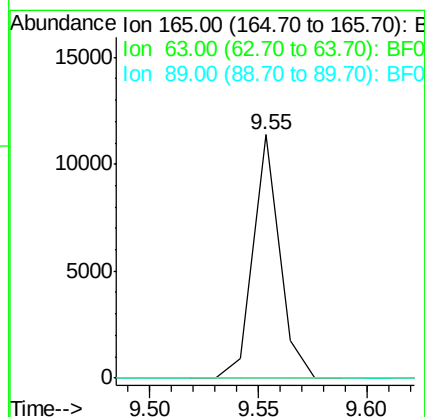
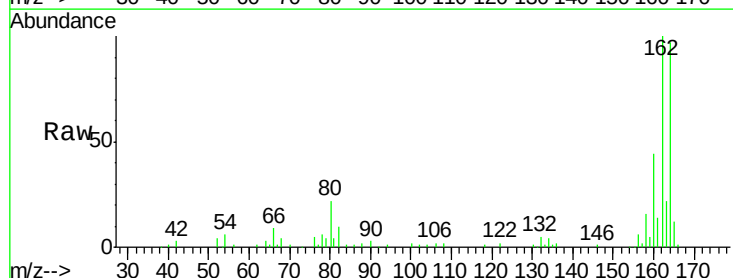
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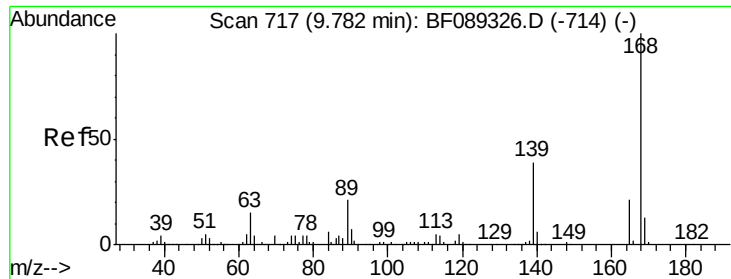
Tgt Ion:172 Resp: 512101
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.5 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 7.71 ng
 RT: 9.55 min Scan# 697
 Delta R.T. 0.17 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Tgt Ion:165 Resp: 9635
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#

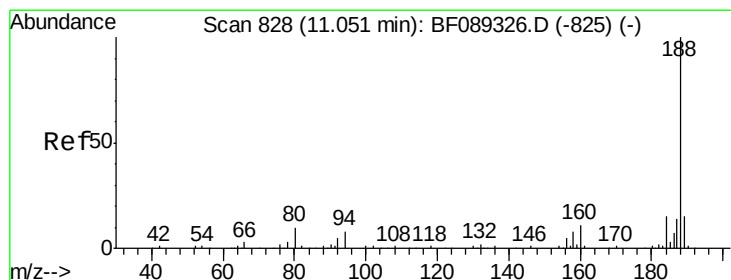
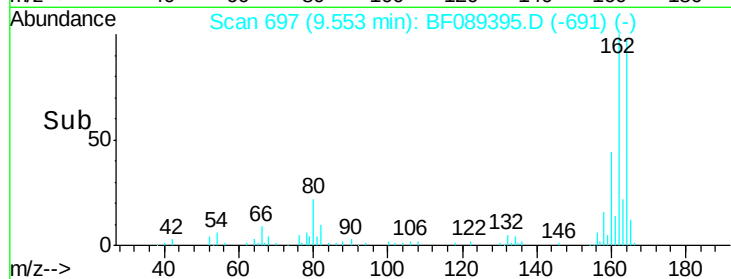
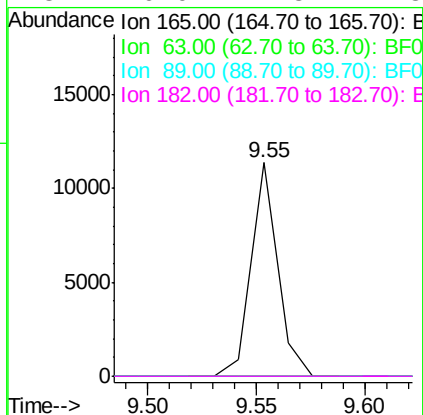
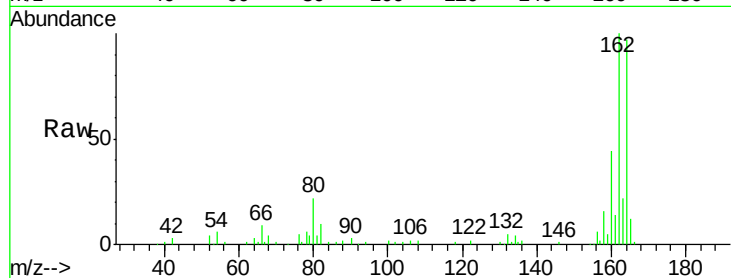




#56
 2,4-Dinitrotoluene
 Concen: 5.86 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.23 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

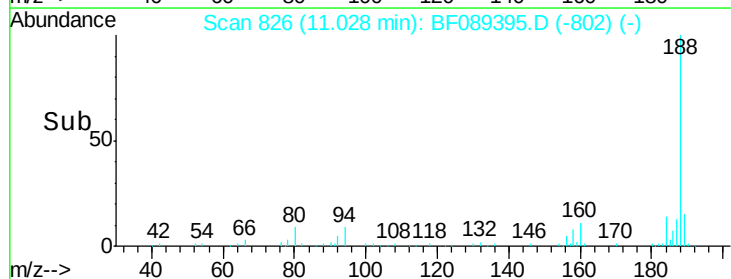
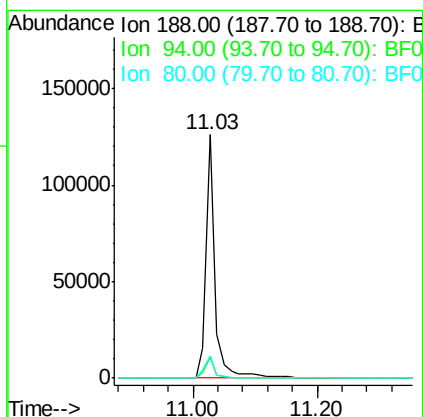
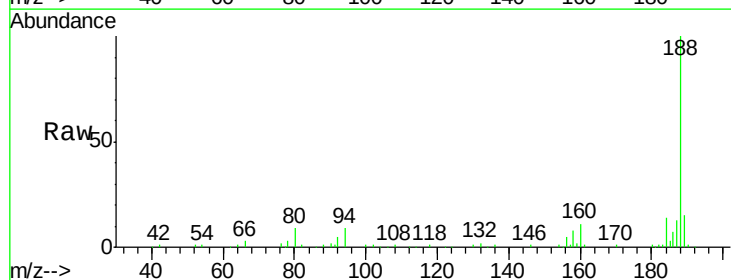
Instrument :
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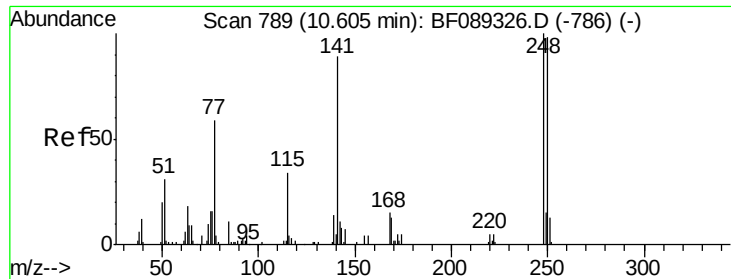
Tgt Ion:165 Resp: 9635
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.2 87.2#
 89 0.0 79.1 118.7#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Tgt Ion:188 Resp: 128354
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.5 9.7
 80 9.3 7.2 10.8





#66

4-Bromophenyl-phenylether

Concen: 4.84 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.26 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

Instrument :

BNA_F

ClientSampleId :

PB92528BL

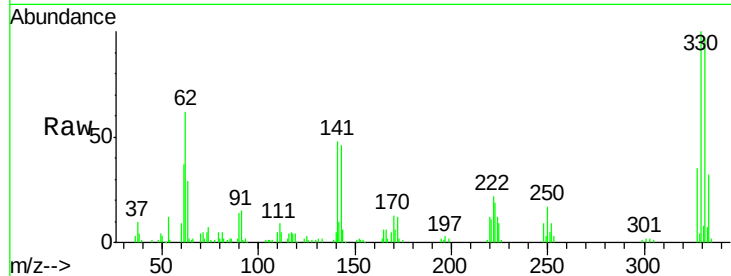
Tgt Ion:248 Resp: 5926

Ion Ratio Lower Upper

248 100

250 194.9 78.2 117.2#

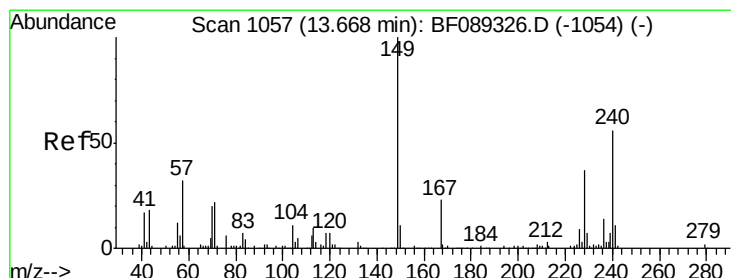
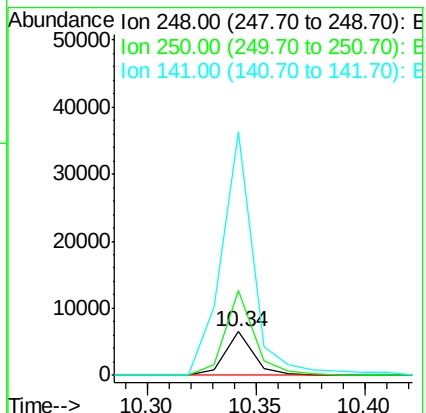
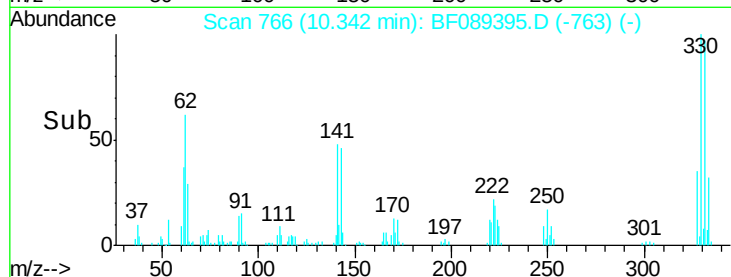
141 557.4 62.0 93.0#



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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089395.D

Acq: 29 Jul 2016 6:55

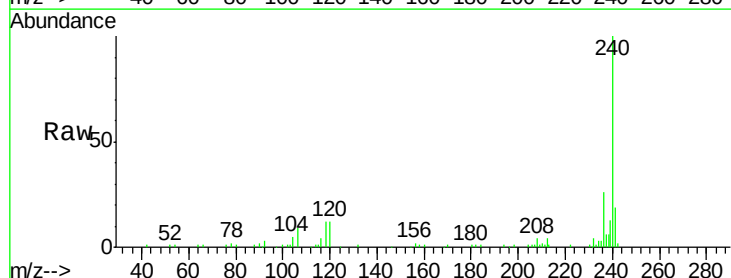
Tgt Ion:240 Resp: 99679

Ion Ratio Lower Upper

240 100

120 12.3 9.1 13.7

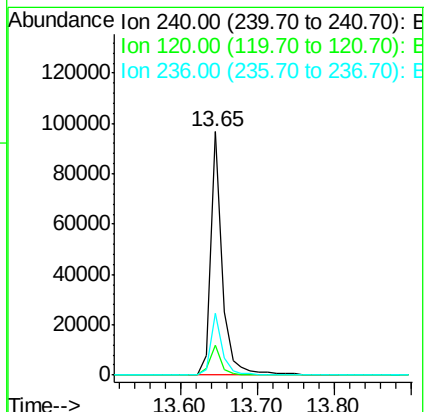
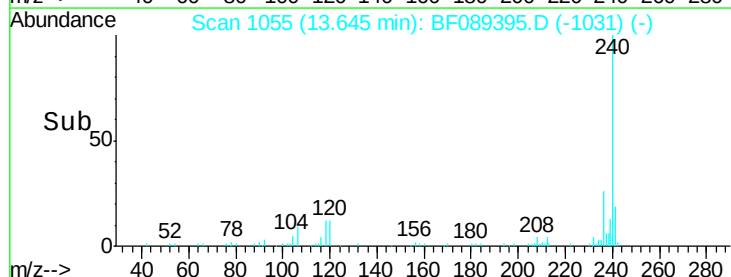
236 25.7 20.6 30.8

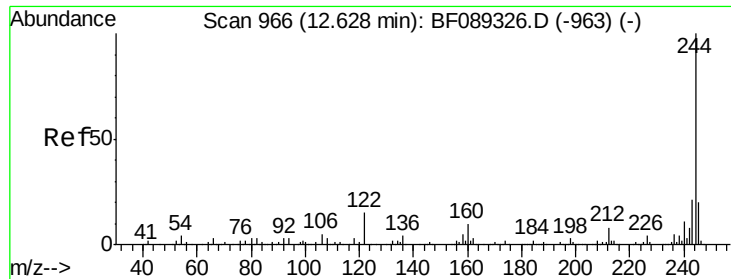


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

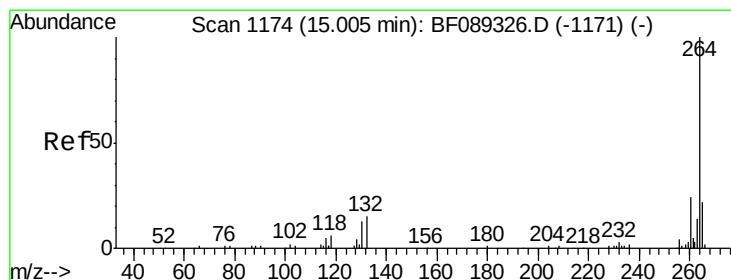
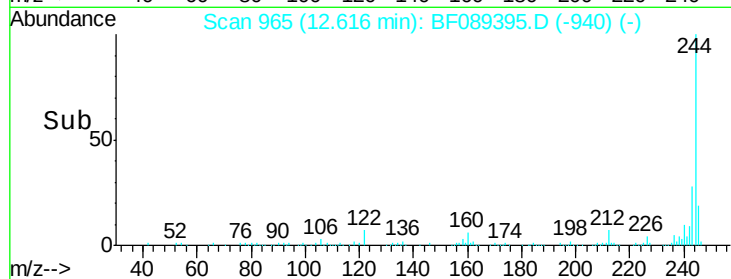
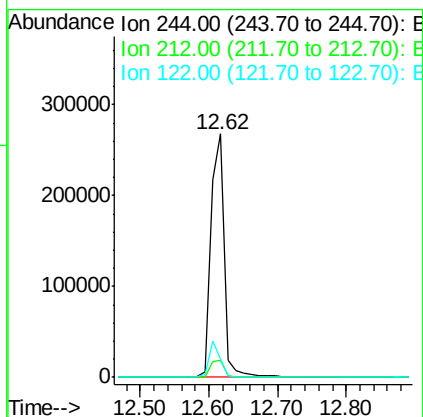
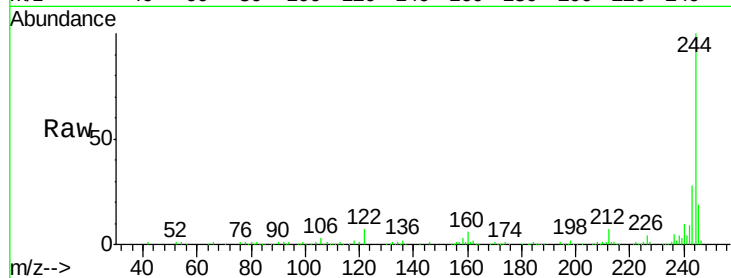




#78
 Terphenyl-d14
 Concen: 86.30 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Instrument :
 BNA_F
 ClientSampleId :
 PB92528BL

Tgt Ion:244 Resp: 367535
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 7.3 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089395.D
 Acq: 29 Jul 2016 6:55

Tgt Ion:264 Resp: 79682
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.2 17.5 26.3

