

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089397.D
 Acq On : 29 Jul 2016 7:53
 Operator : UM/SJ
 Sample : PB92528TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92528TB

Quant Time: Jul 29 08:17:26 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

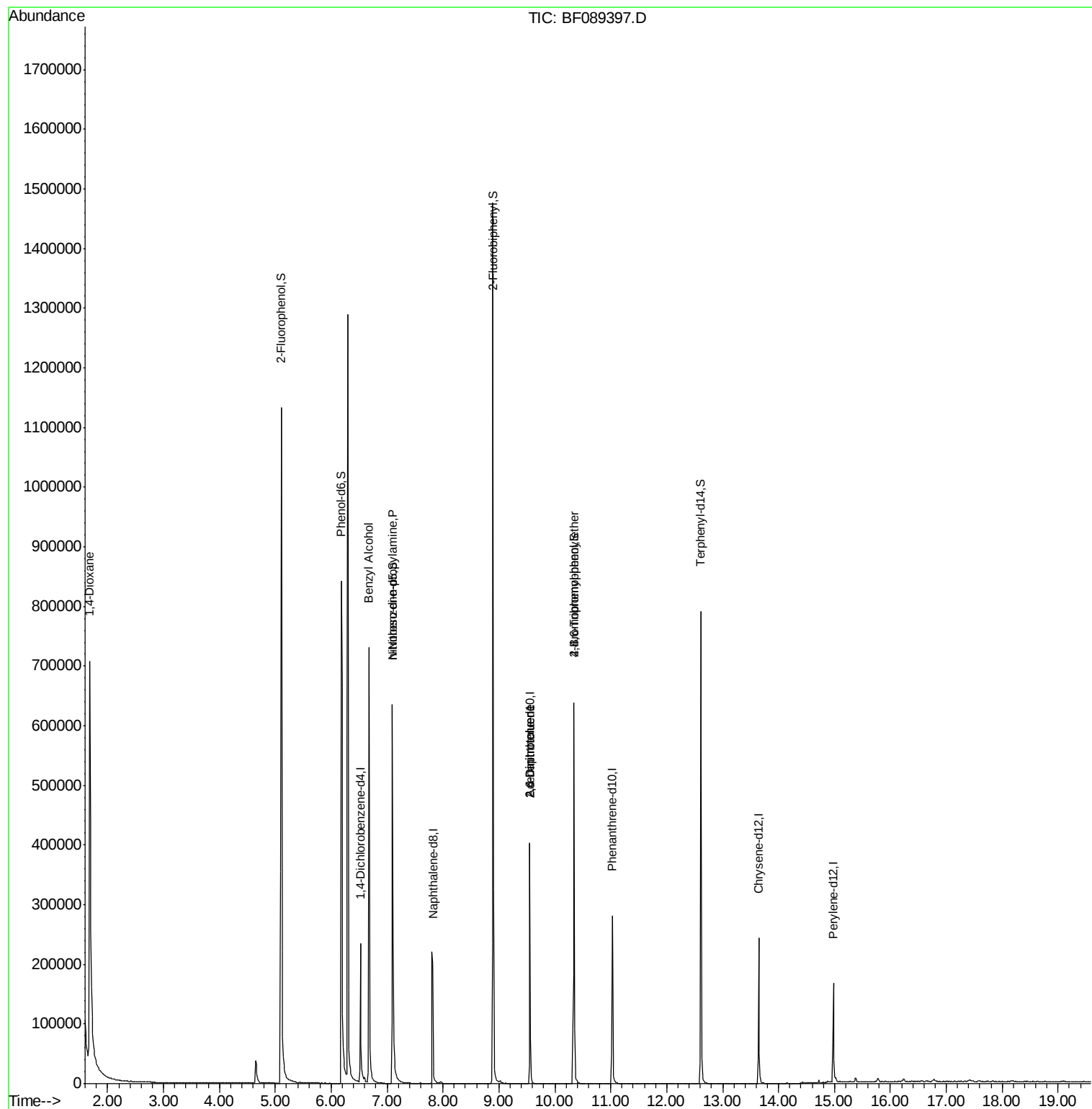
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	44904	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	176379	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	79151	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	120822	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	95195	20.00	ng	-0.02
86) Perylene-d12	14.98	264	76004	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	392643	139.62	ng	0.00
7) Phenol-d6	6.18	99	499491	134.40	ng	-0.02
23) Nitrobenzene-d5	7.10	82	299869	100.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	71562	109.16	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	505687	93.76	ng	-0.02
78) Terphenyl-d14	12.61	244	335145	82.40	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.68	88	38196	29.01	ng	# 26
15) Benzyl Alcohol	6.67	79	4786	2.08	ng	# 51
19) n-Nitroso-di-n-propylamine	7.10	70	39376	17.57	ng	# 82
50) 2,6-Dinitrotoluene	9.55	165	10172	8.22	ng	# 24
56) 2,4-Dinitrotoluene	9.55	165	10172	6.24	ng	# 7
66) 4-Bromophenyl-phenylether	10.34	248	5577	4.83	ng	# 1

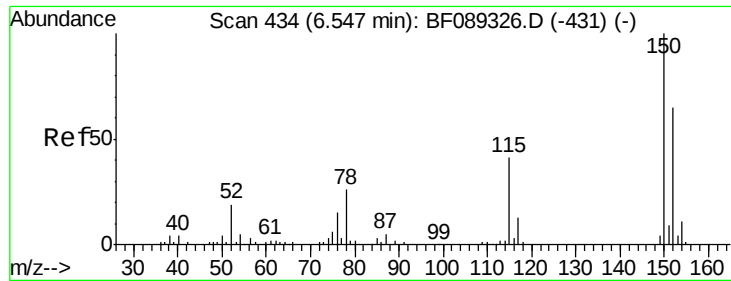
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB92528TB

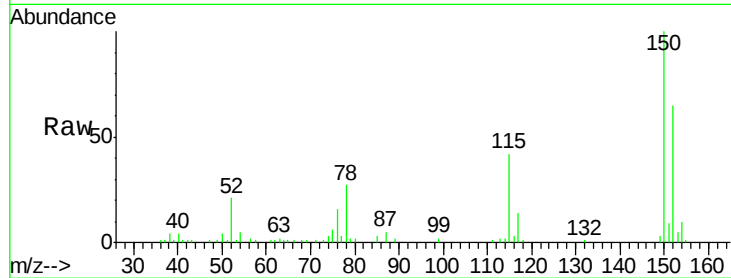
Tgt Ion:152 Resp: 44904

Ion Ratio Lower Upper

152 100

150 153.8 129.5 194.3

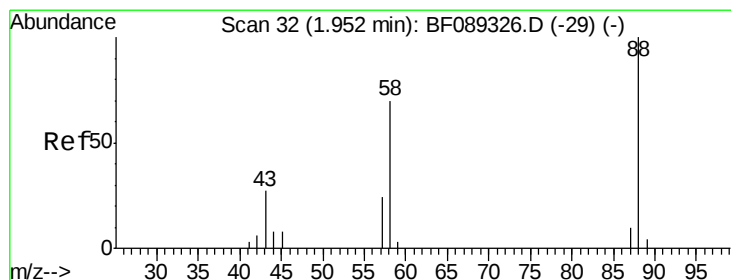
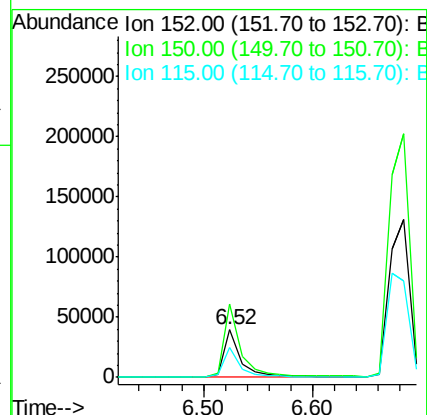
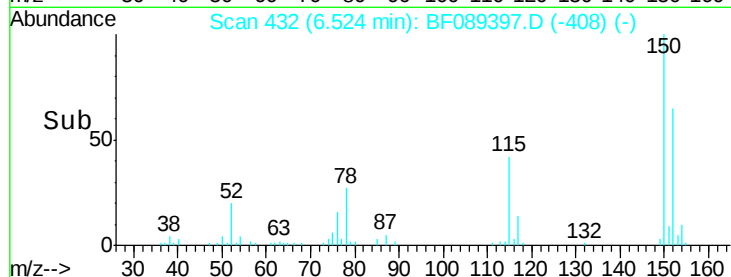
115 64.2 51.4 77.2



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: 29.01 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.27 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

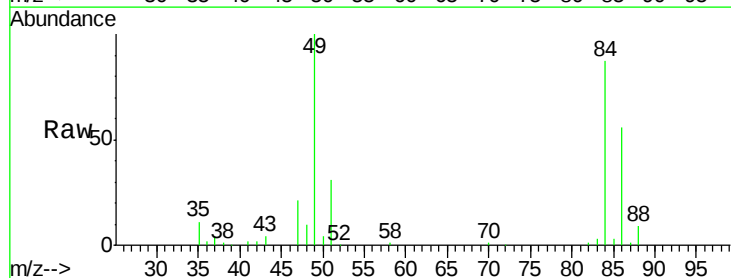
Tgt Ion: 88 Resp: 38196

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

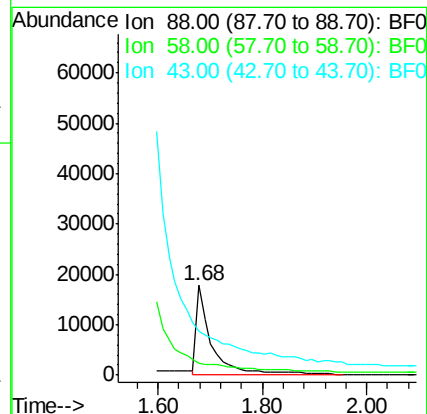
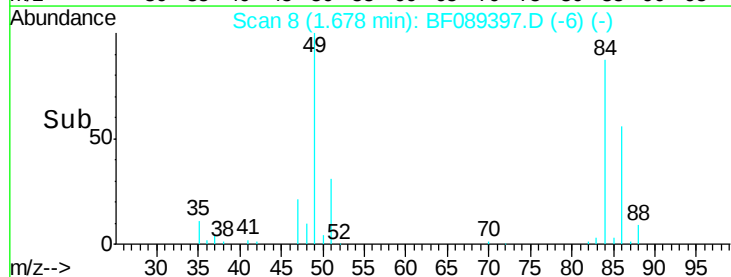
43 0.0 20.6 31.0#

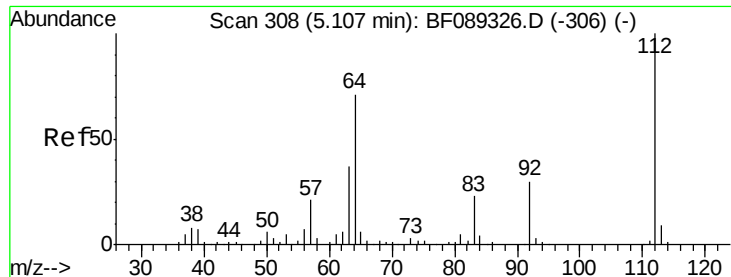


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

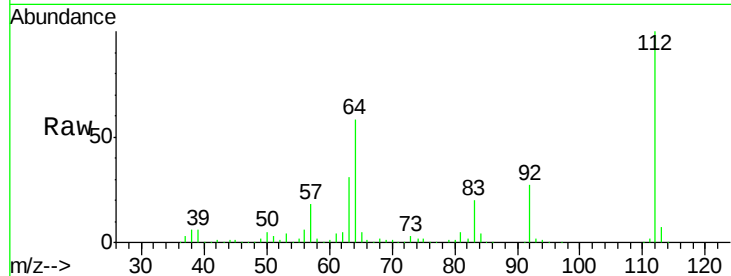




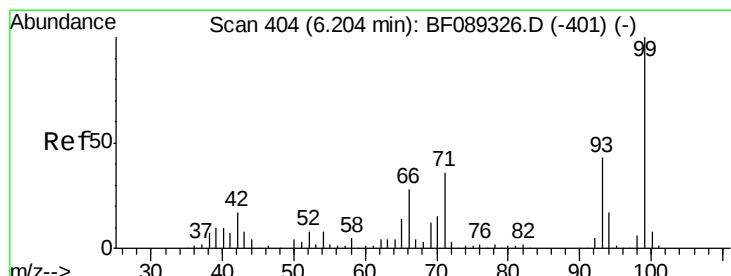
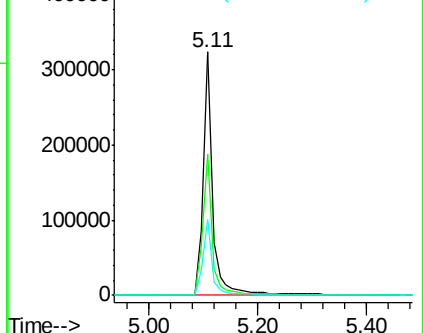
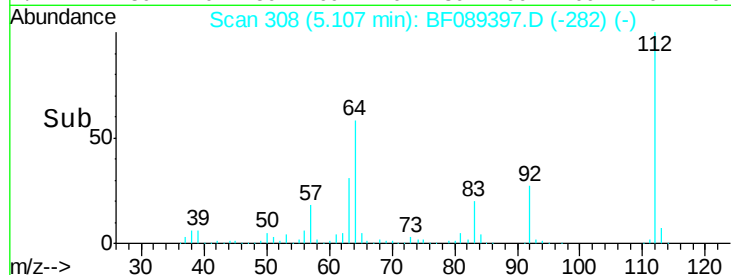
#5
 2-Fluorophenol
 Concen: 139.62 ng
 RT: 5.11 min Scan# 308
 Delta R.T. 0.00 min
 Lab File: BF089397.D
 Acq: 29 Jul 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92528TB

Tgt Ion: 112 Resp: 392643
 Ion Ratio Lower Upper
 112 100
 64 57.9 55.0 82.6
 63 31.2 29.4 44.2

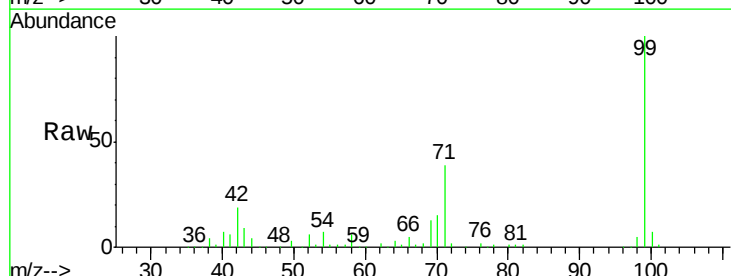


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

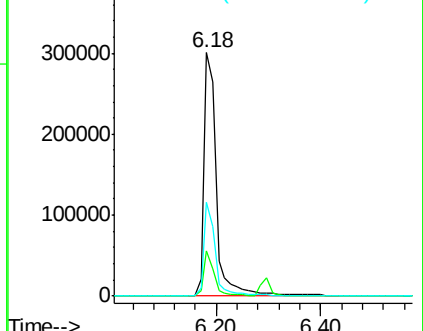
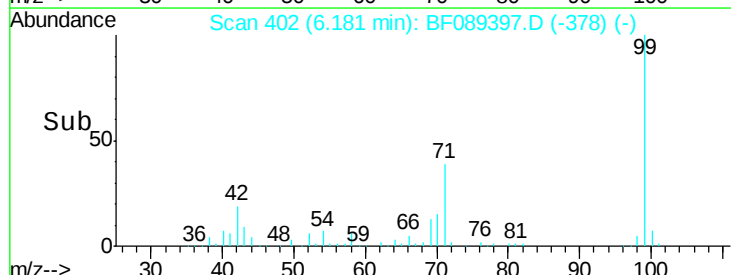


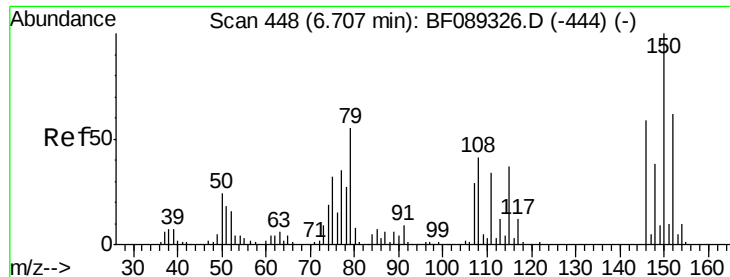
#7
 Phenol-d6
 Concen: 134.40 ng
 RT: 6.18 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF089397.D
 Acq: 29 Jul 2016 7:53

Tgt Ion: 99 Resp: 499491
 Ion Ratio Lower Upper
 99 100
 42 18.5 13.6 20.4
 71 38.5 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

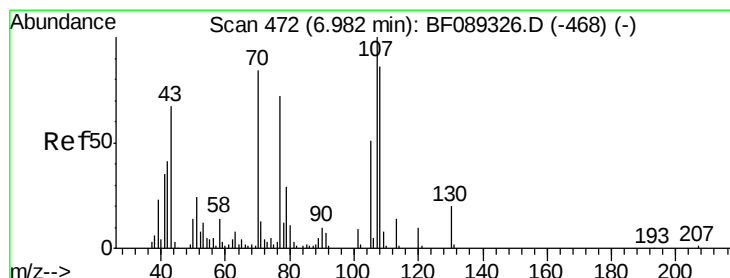
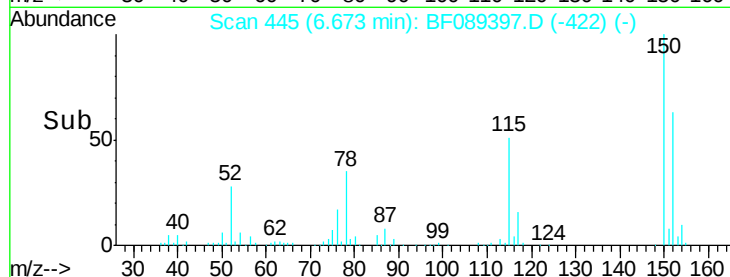
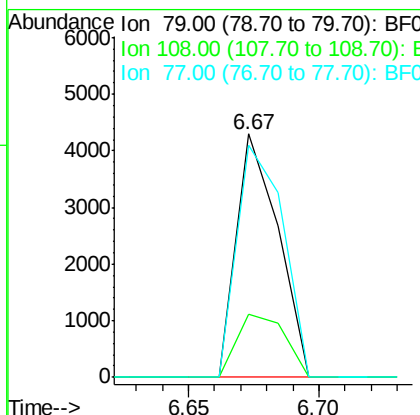
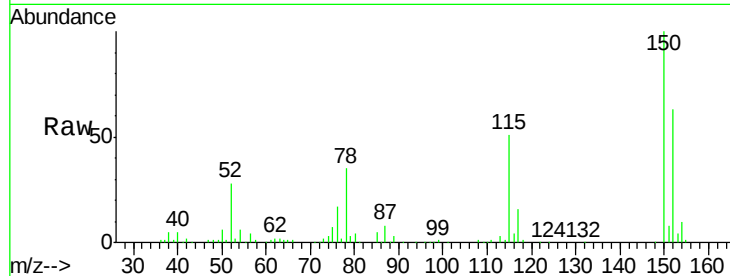




#15
Benzyl Alcohol
Concen: 2.08 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089397.D
Acq: 29 Jul 2016 7:53

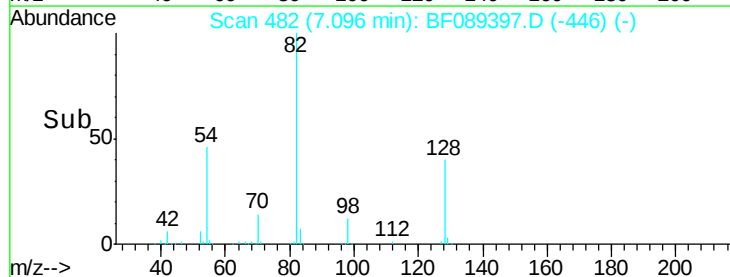
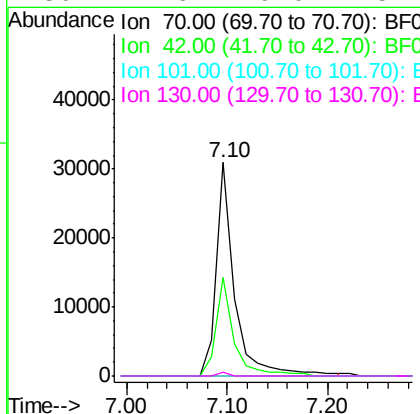
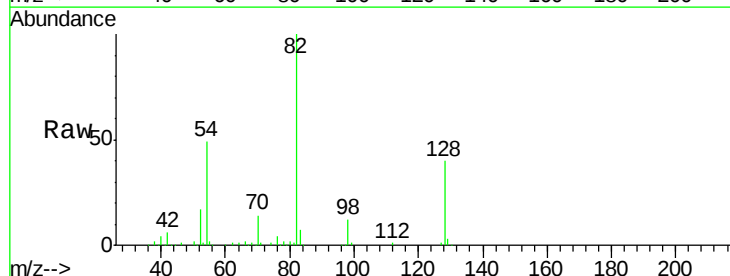
Instrument :
BNA_F
ClientSampleId :
PB92528TB

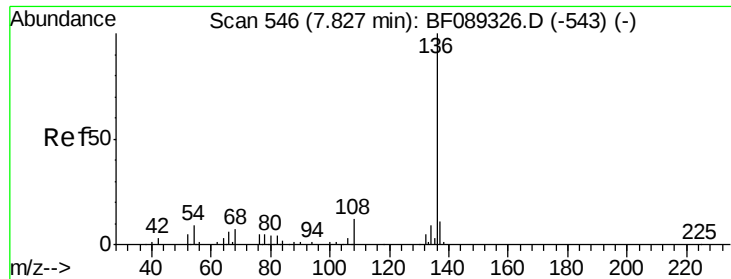
Tgt Ion: 79 Resp: 4786
Ion Ratio Lower Upper
79 100
108 25.9 59.8 89.6#
77 95.2 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.57 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.11 min
Lab File: BF089397.D
Acq: 29 Jul 2016 7:53

Tgt Ion: 70 Resp: 39376
Ion Ratio Lower Upper
70 100
42 46.0 38.6 57.8
101 0.0 8.3 12.5#
130 1.6 19.0 28.4#

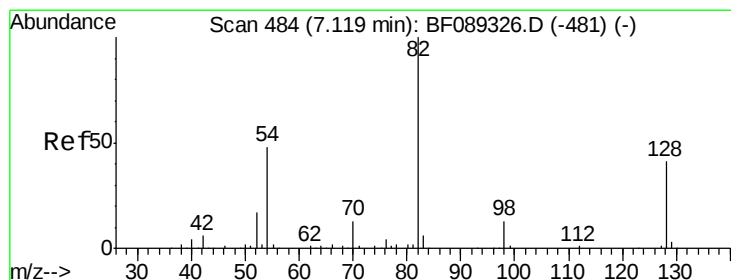
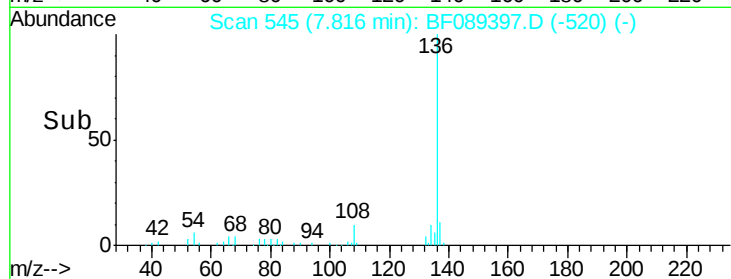
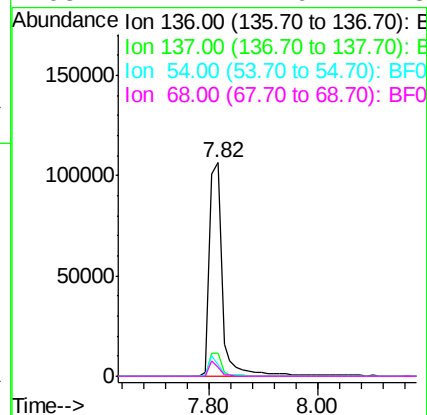
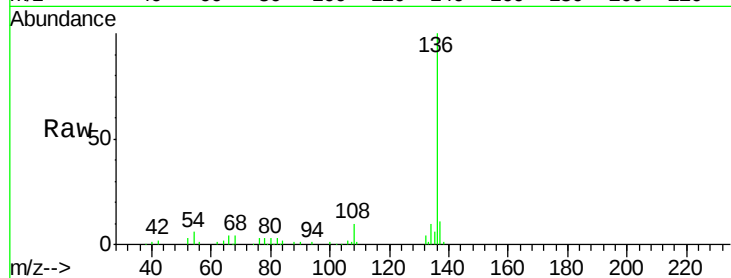




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089397.D
Acq: 29 Jul 2016 7:53

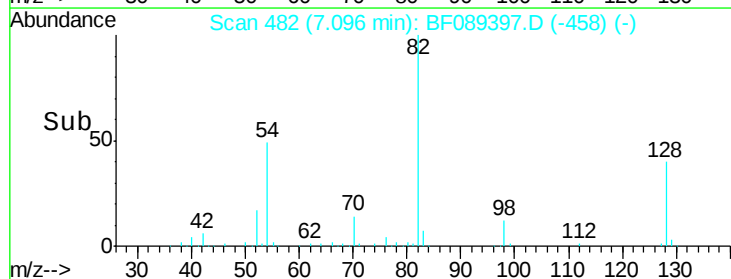
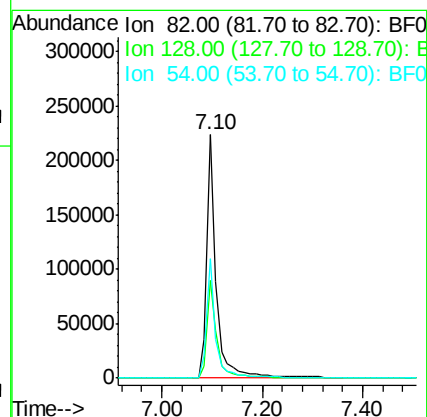
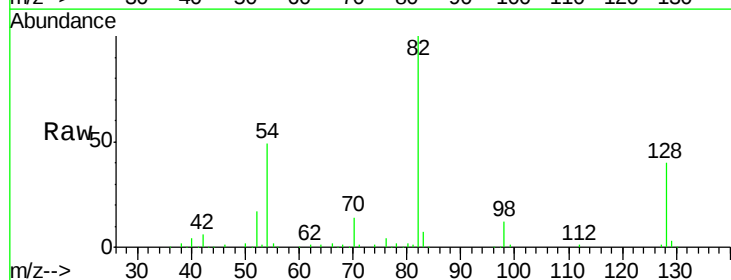
Instrument :
BNA_F
ClientSampleId :
PB92528TB

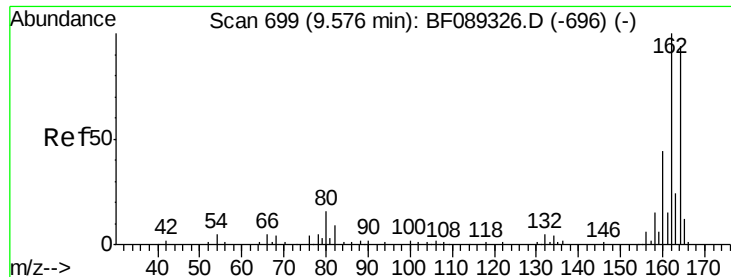
Tgt Ion:	136	Resp:	176379
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.6	7.0	10.4#
68	4.4	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 100.35 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089397.D
Acq: 29 Jul 2016 7:53

Tgt Ion:	82	Resp:	299869
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.5	48.7
54	49.3	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: BF089397.D

Acq: 29 Jul 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB92528TB

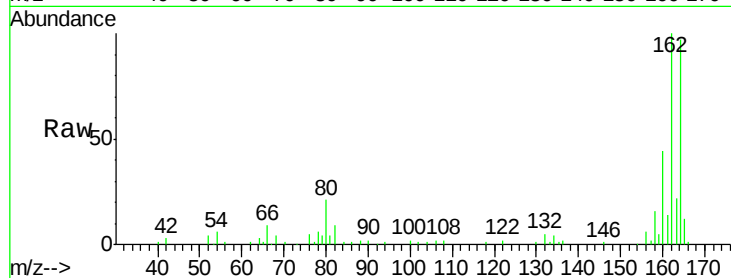
Tgt Ion:164 Resp: 79151

Ion Ratio Lower Upper

164 100

162 103.5 83.7 125.5

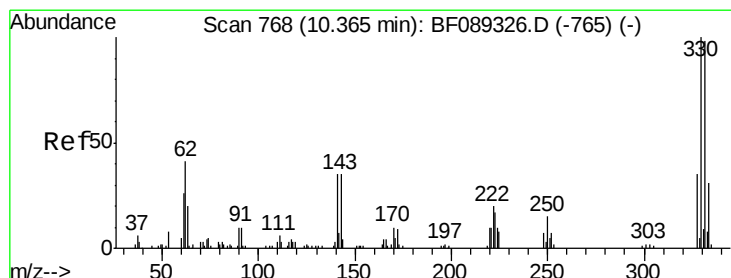
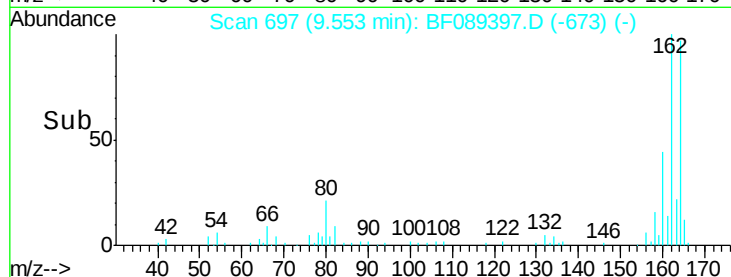
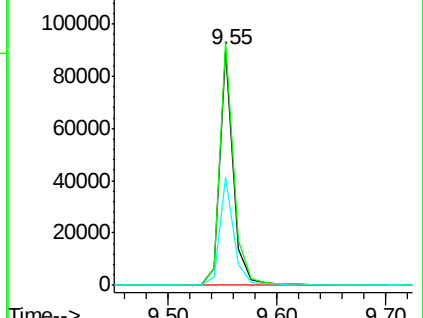
160 45.9 37.8 56.6



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: 109.16 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

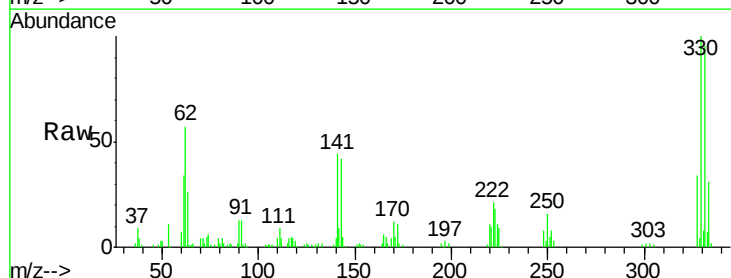
Tgt Ion:330 Resp: 71562

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

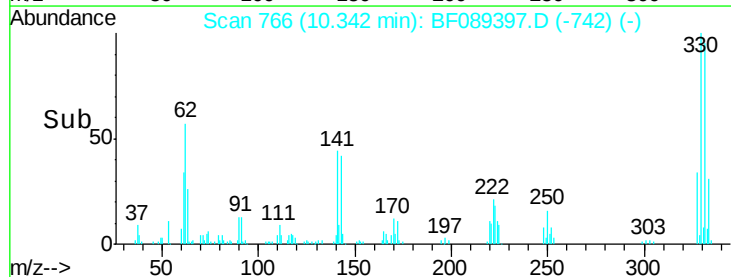
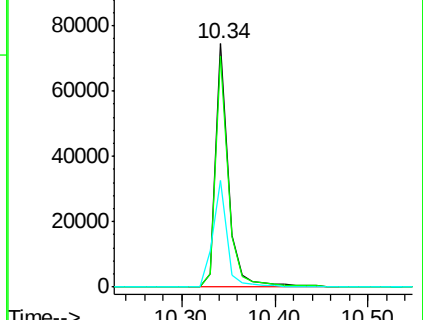
141 48.5 37.3 55.9

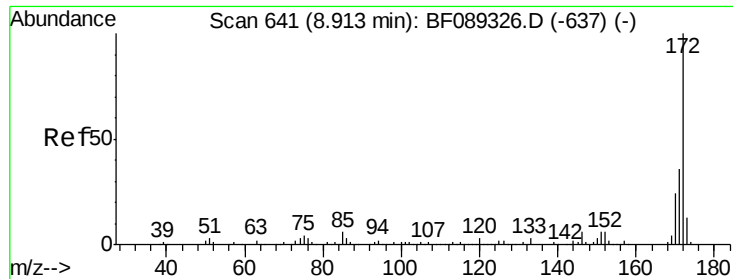


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

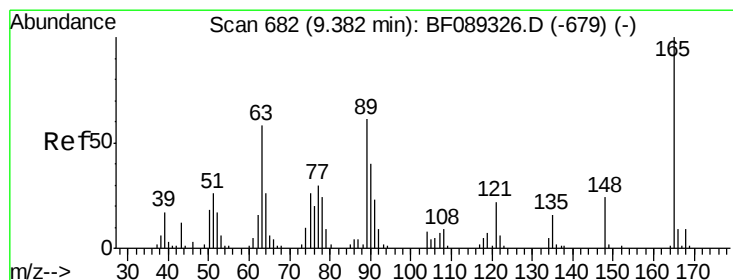
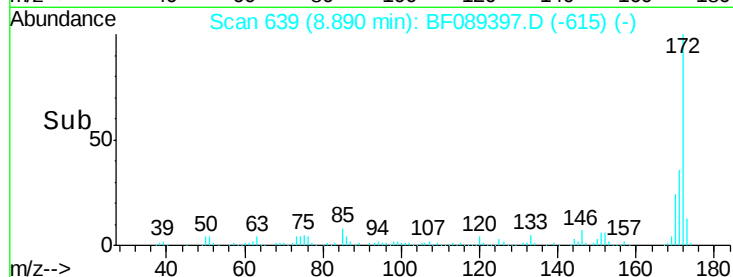
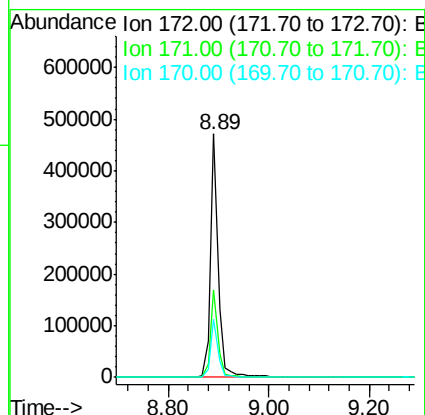
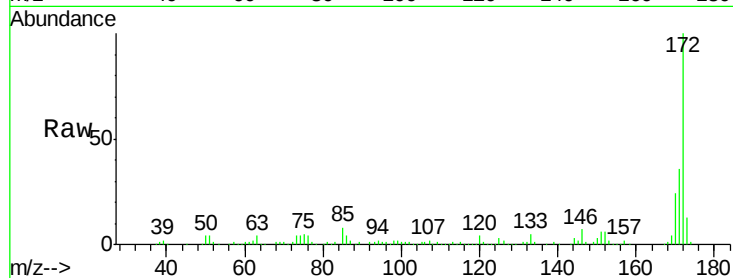




#44
 2-Fluorobiphenyl
 Concen: 93.76 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089397.D
 Acq: 29 Jul 2016 7:53

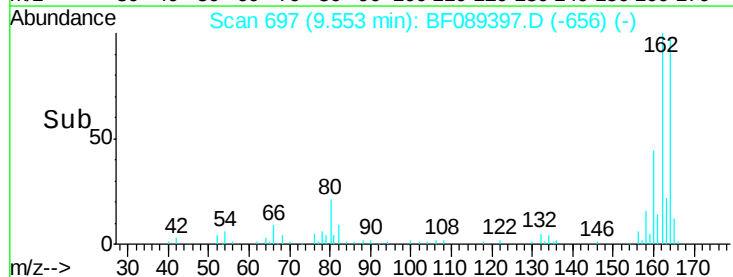
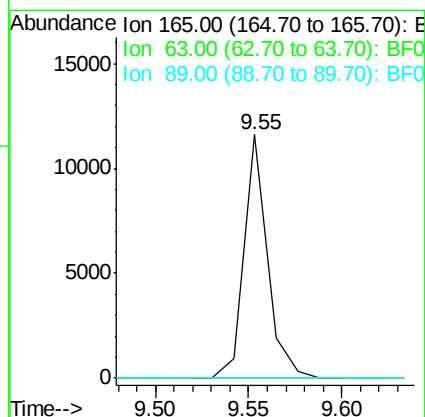
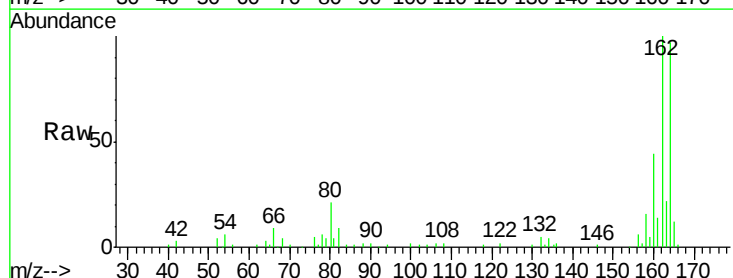
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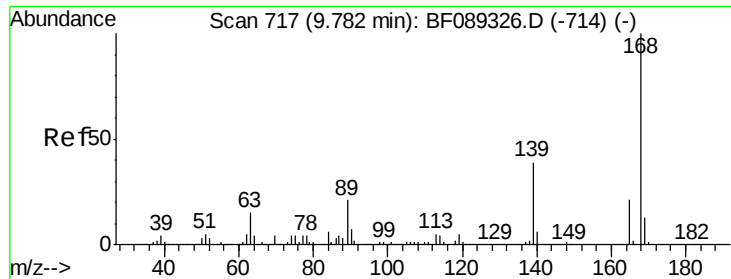
Tgt Ion:172 Resp: 505687
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 24.1 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 9.55 min Scan# 697
 Delta R.T. 0.17 min
 Lab File: BF089397.D
 Acq: 29 Jul 2016 7:53

Tgt Ion:165 Resp: 10172
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#

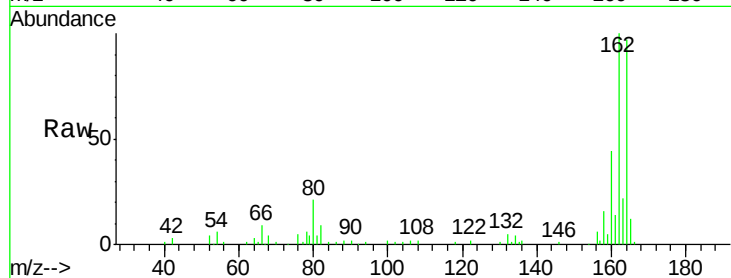




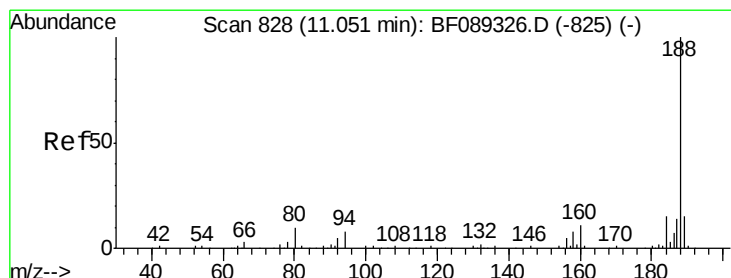
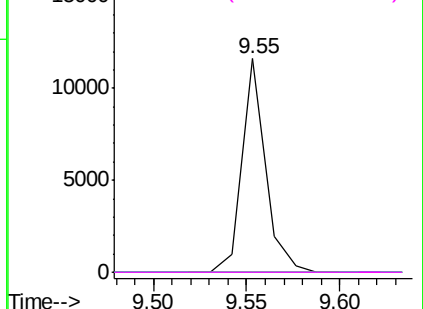
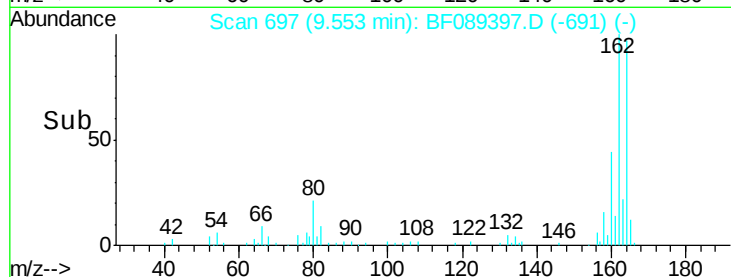
#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.23 min
 Lab File: BF089397.D
 Acq: 29 Jul 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92528TB

Tgt Ion:165 Resp: 10172
 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#

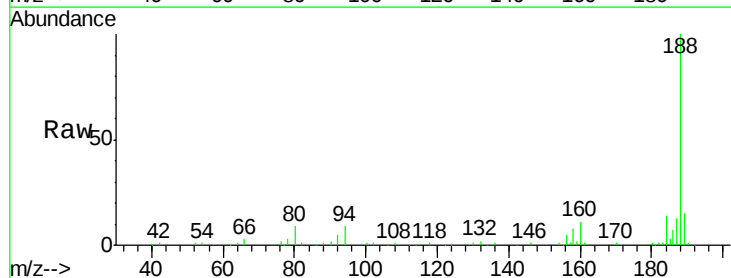


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

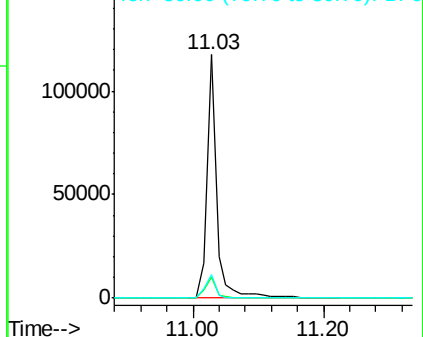
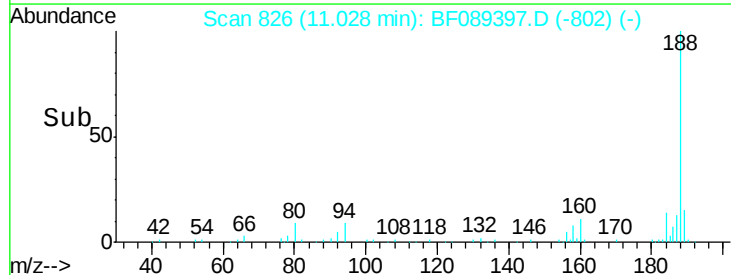


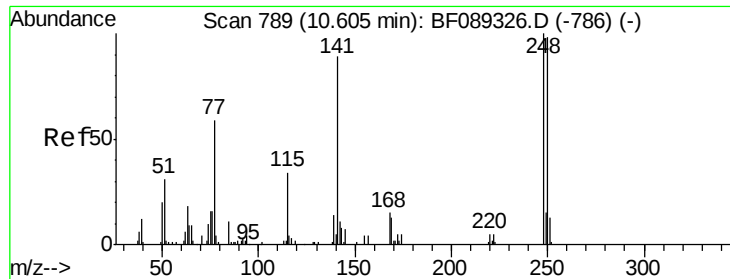
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF089397.D
 Acq: 29 Jul 2016 7:53

Tgt Ion:188 Resp: 120822
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.5 9.7
 80 9.4 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: 4.83 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.26 min

Lab File: BF089397.D

Acq: 29 Jul 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB92528TB

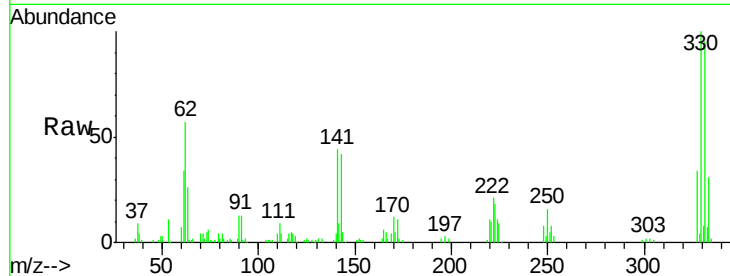
Tgt Ion:248 Resp: 5577

Ion Ratio Lower Upper

248 100

250 185.4 78.2 117.2#

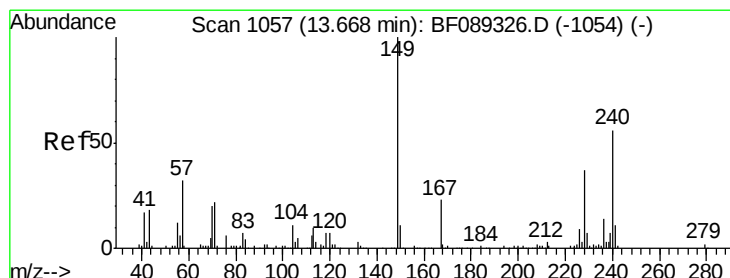
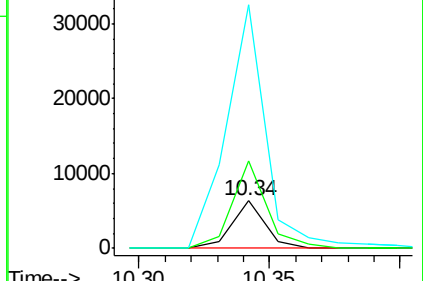
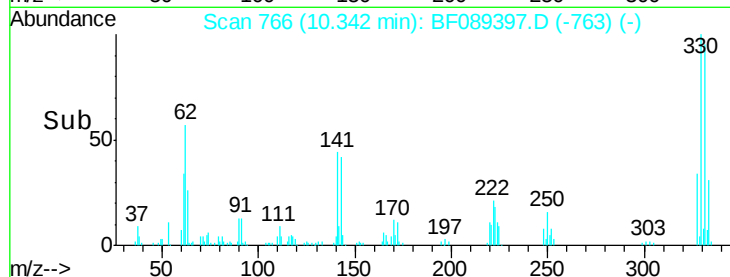
141 515.7 62.0 93.0#



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: BF089397.D

Acq: 29 Jul 2016 7:53

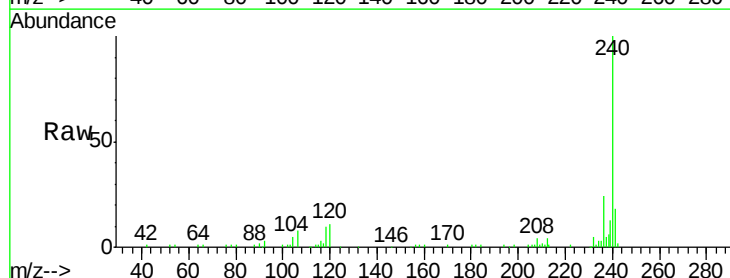
Tgt Ion:240 Resp: 95195

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

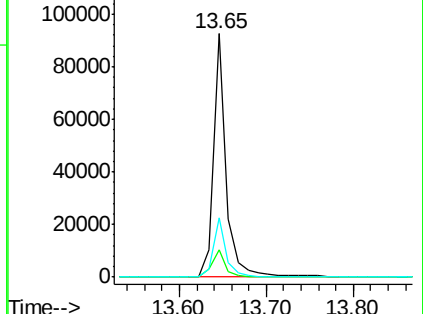
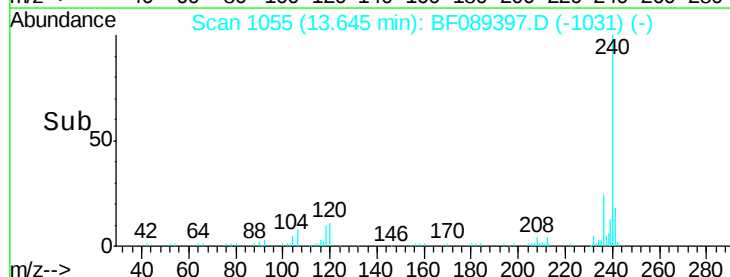
236 24.1 20.6 30.8

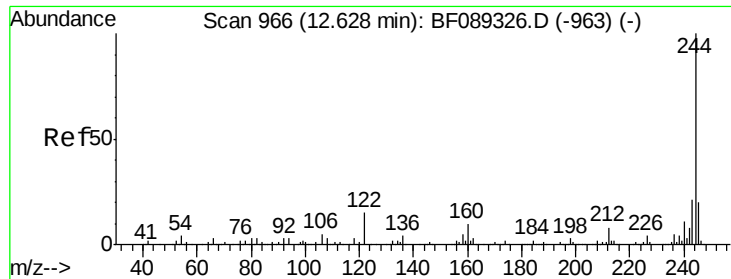


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

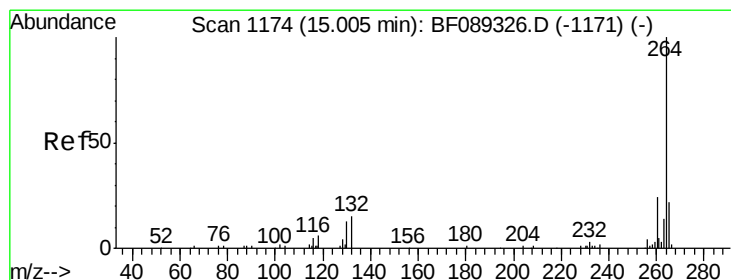
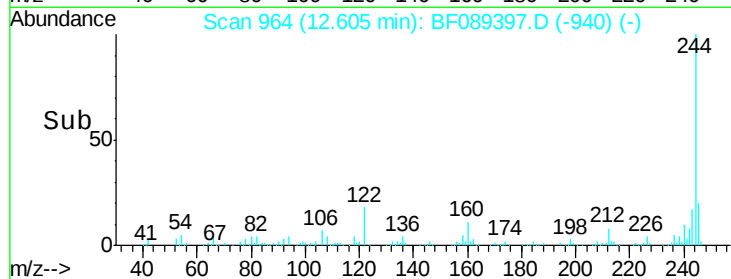
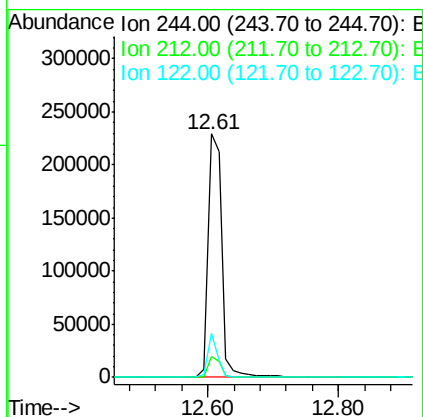
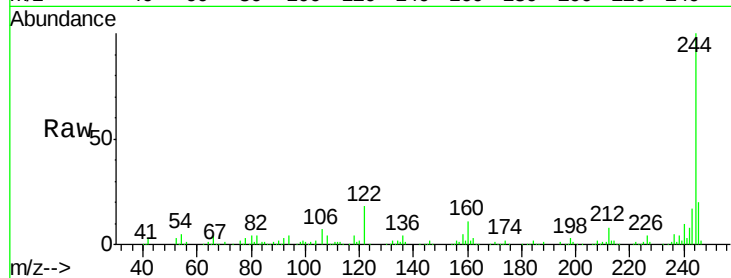




#78
 Terphenyl-d14
 Concen: 82.40 ng
 RT: 12.61 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089397.D
 Acq: 29 Jul 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 PB92528TB

Tgt Ion:244 Resp: 335145
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 18.2 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: BF089397.D
 Acq: 29 Jul 2016 7:53

Tgt Ion:264 Resp: 76004
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.0 17.5 26.3

