

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089471.D
 Acq On : 31 Jul 2016 15:20
 Operator : UM/SJ
 Sample : H4257-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:14:04 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

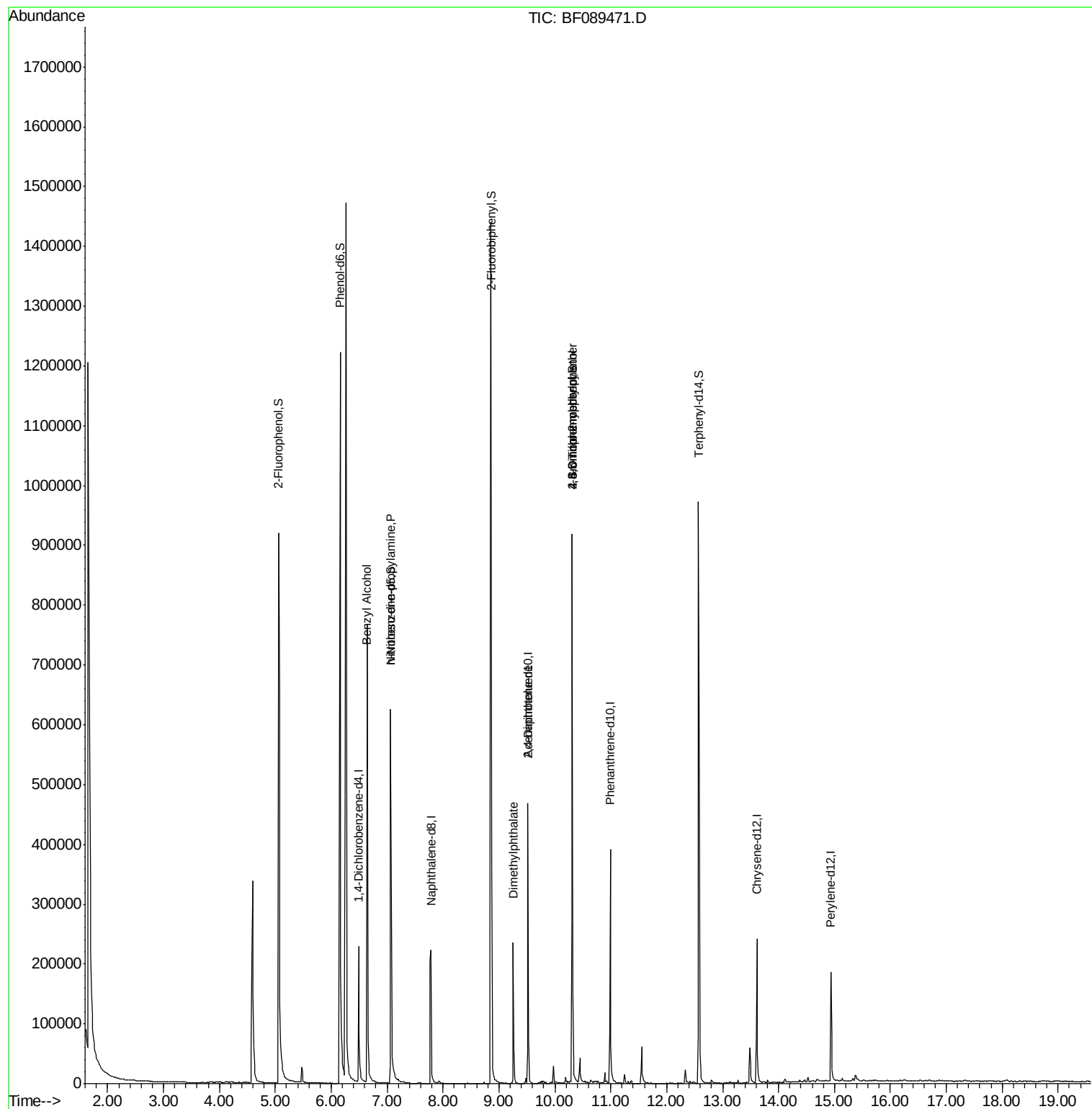
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	45888	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	180611	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	89504	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	166752	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	100982	20.00	ng	-0.06
86) Perylene-d12	14.94	264	79806	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	404725	140.83	ng	-0.05
7) Phenol-d6	6.16	99	580449	152.83	ng	-0.05
23) Nitrobenzene-d5	7.06	82	315583	103.14	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	96420	130.07	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	497808	81.62	ng	-0.06
78) Terphenyl-d14	12.57	244	386546	89.59	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.64	79	4715	2.00	ng	# 49
19) n-Nitroso-di-n-propylamine	7.06	70	41669	18.19	ng	# 82
49) Dimethylphthalate	9.26	163	99339	14.58	ng	99
56) 2,4-Dinitrotoluene	9.52	165	11088	6.02	ng	# 7
64) 4,6-Dinitro-2-methylphenol	10.31	198	231	4.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.31	248	7755	4.87	ng	# 1

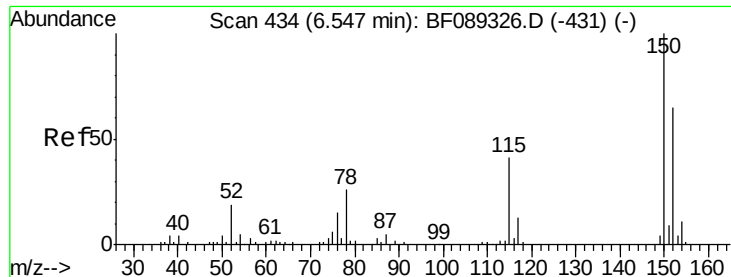
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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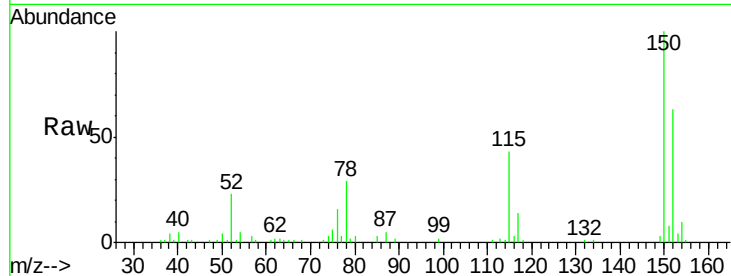


#1

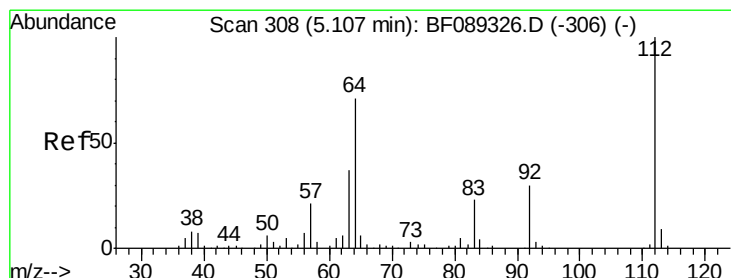
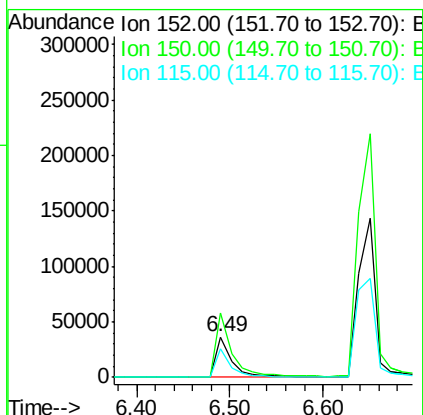
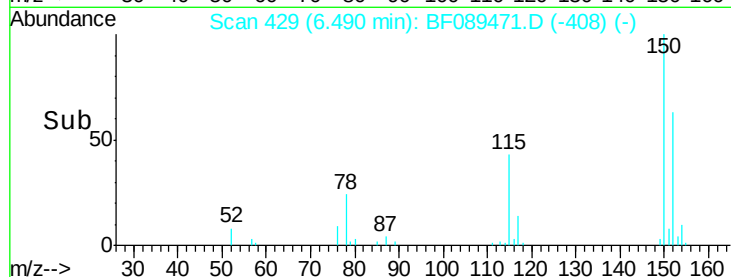
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089471.D
Acq: 31 Jul 2016 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 45888
Ion Ratio Lower Upper
152 100
150 158.4 129.5 194.3
115 68.8 51.4 77.2



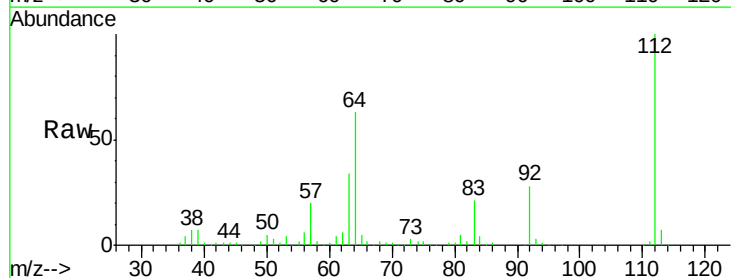
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



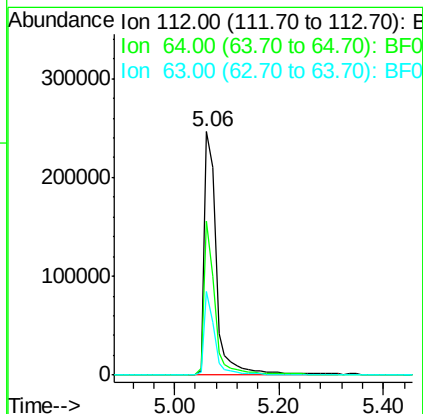
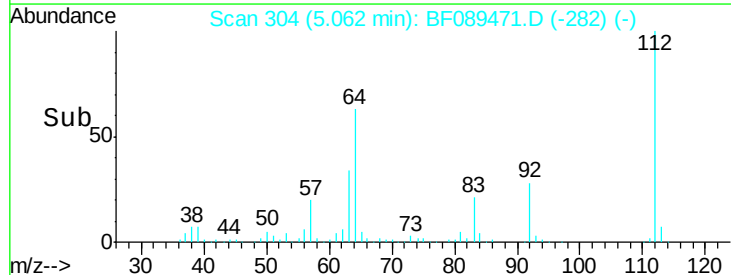
#5

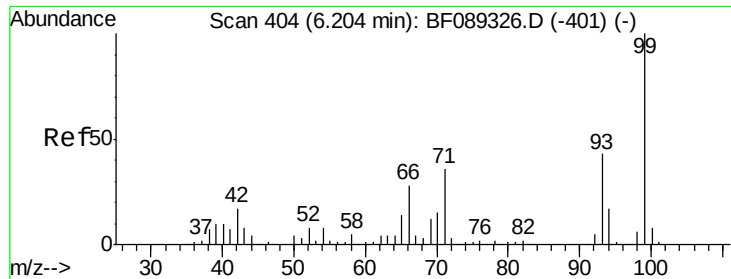
2-Fluorophenol
Concen: 140.83 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.05 min
Lab File: BF089471.D
Acq: 31 Jul 2016 15:20

Tgt Ion:112 Resp: 404725
Ion Ratio Lower Upper
112 100
64 63.4 55.0 82.6
63 34.2 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: 152.83 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

Instrument :

BNA_F

ClientSampleId :

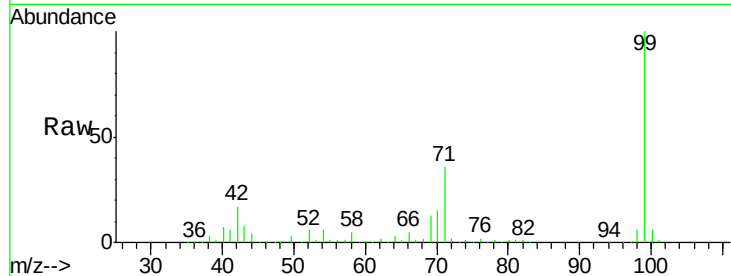
Tot Ion: 99 Resp: 580449

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

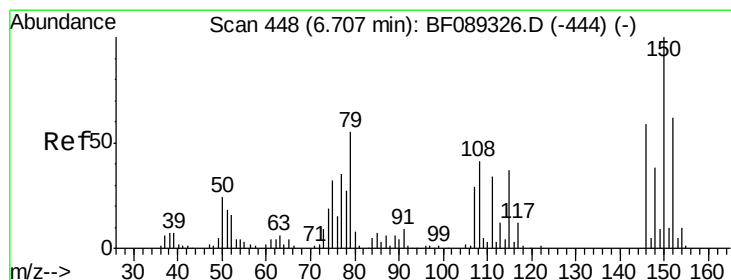
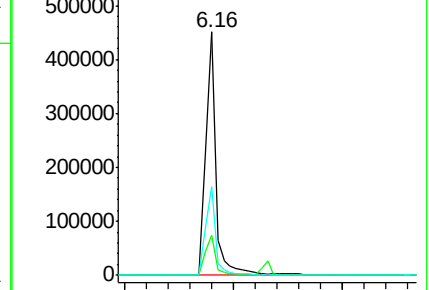
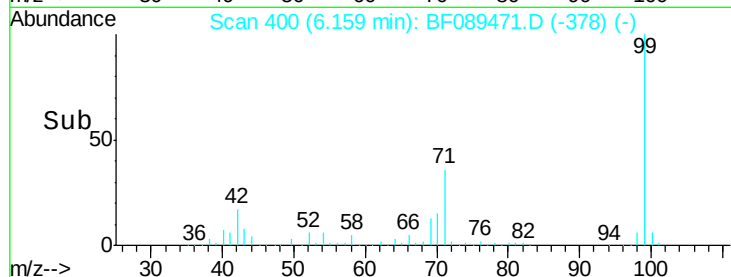
71 36.5 29.4 44.2



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: 2.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.07 min

Lab File: BF089471.D

Acq: 31 Jul 2016 15:20

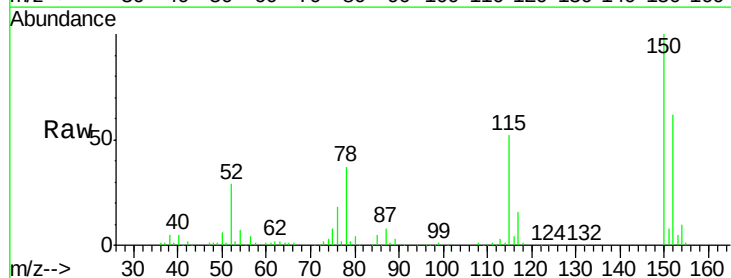
Tgt Ion: 79 Resp: 4715

Ion Ratio Lower Upper

79 100

108 26.4 59.8 89.6#

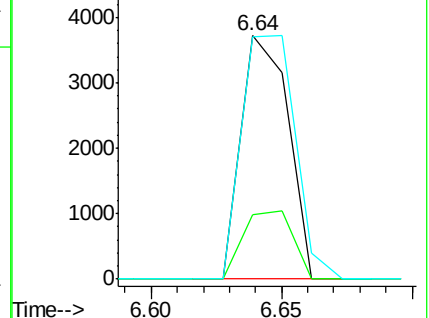
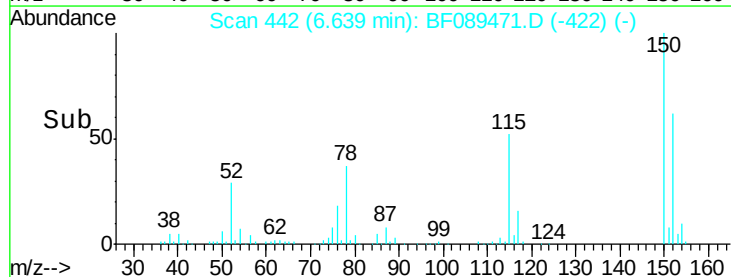
77 99.8 51.7 77.5#

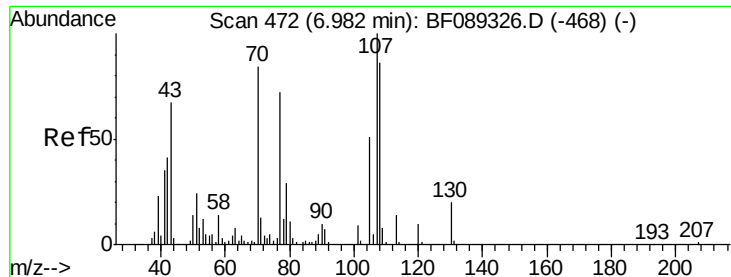


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

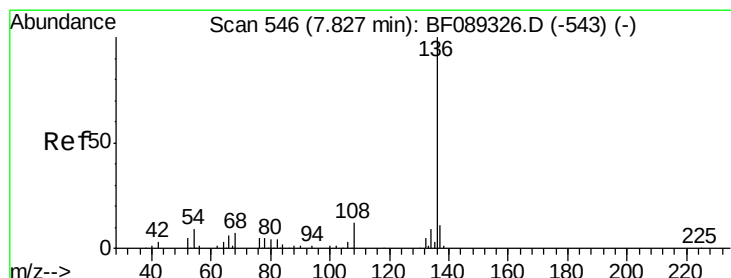
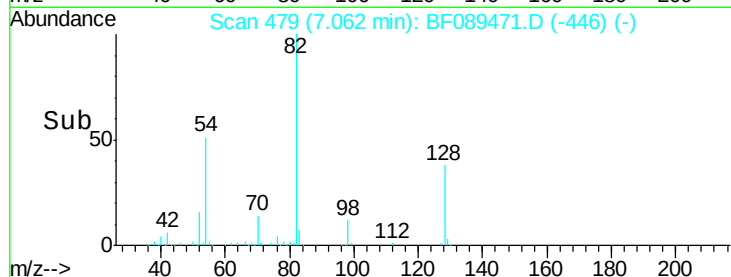
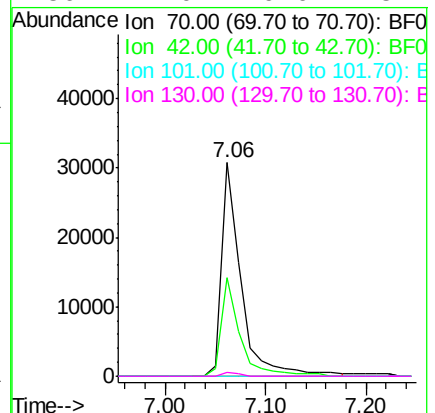
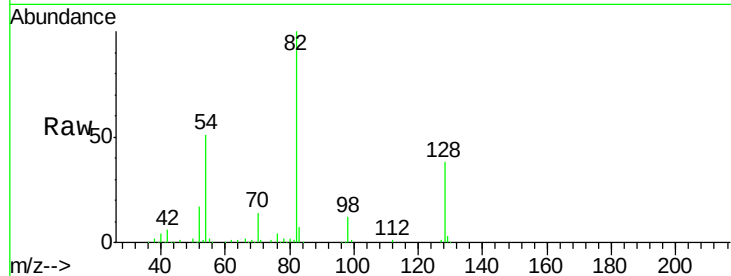




#19
n-Nitroso-di-n-propylamine
Concen: 18.19 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089471.D
Acq: 31 Jul 2016 15:20

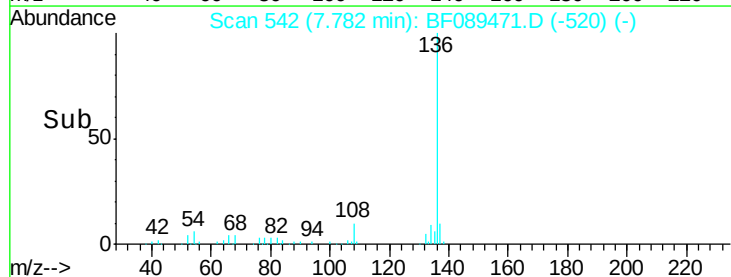
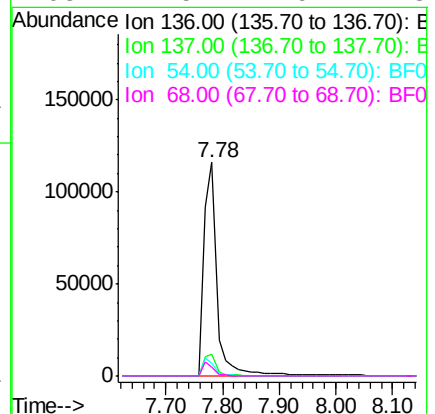
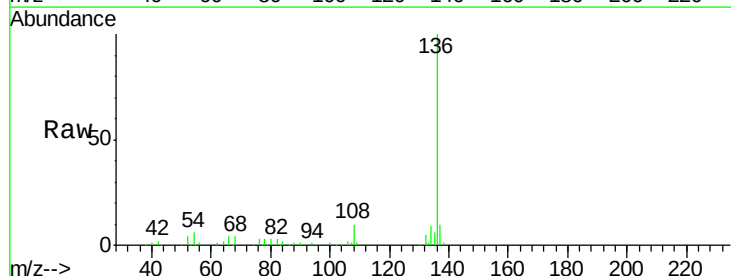
Instrument :
BNA_F
ClientSampleId :

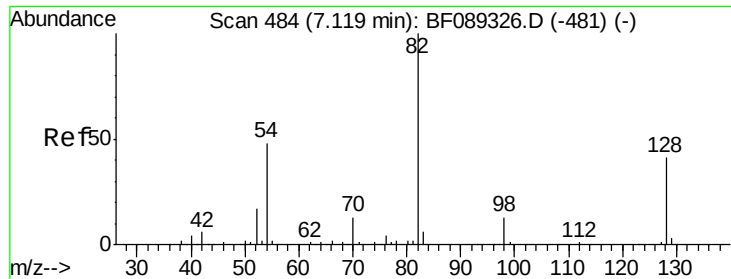
Tot Ion: 70 Resp: 41669
Ion Ratio Lower Upper
70 100
42 45.9 38.6 57.8
101 0.0 8.3 12.5#
130 2.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089471.D
Acq: 31 Jul 2016 15:20

Tgt Ion:136 Resp: 180611
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 5.9 7.0 10.4#
68 4.5 4.9 7.3#

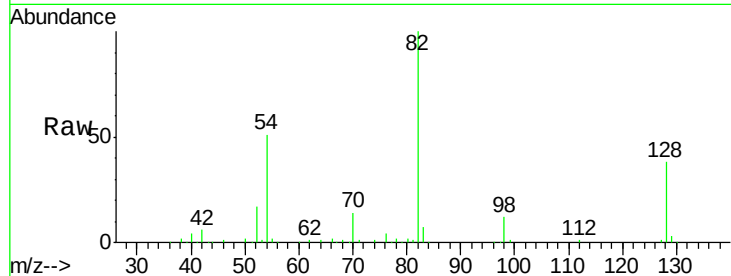




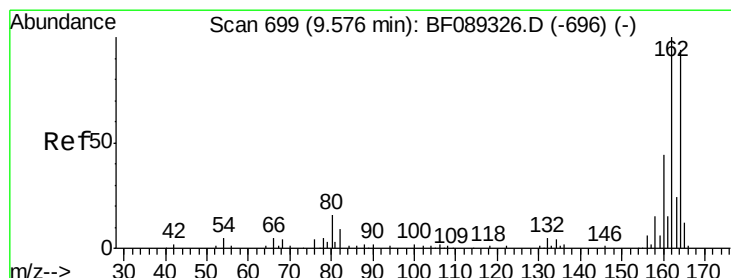
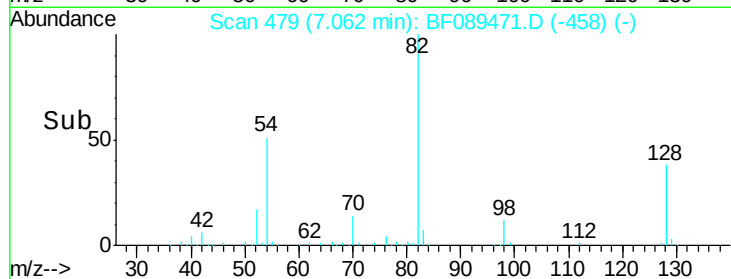
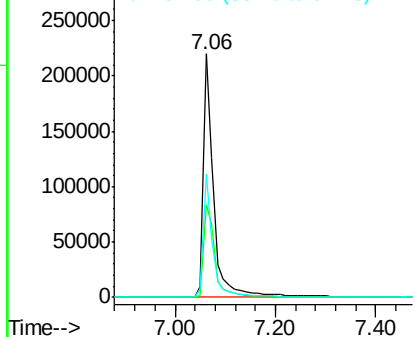
#23
 Nitrobenzene-d5
 Concen: 103.14 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.06 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 315583
 Ion Ratio Lower Upper
 82 100
 128 37.8 32.5 48.7
 54 50.8 38.8 58.2

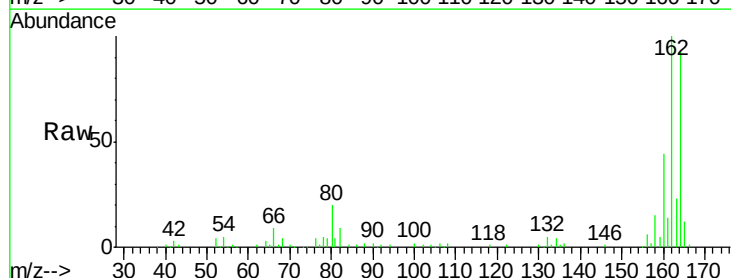


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

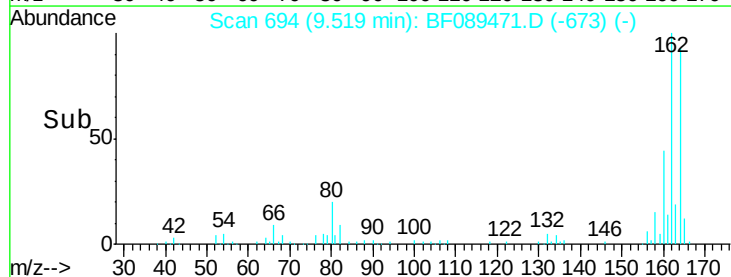
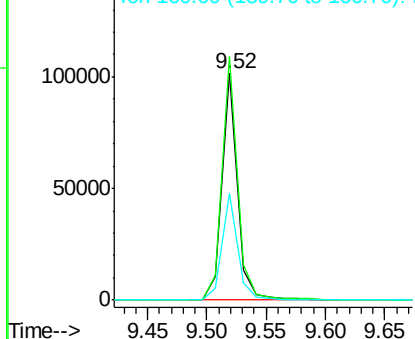


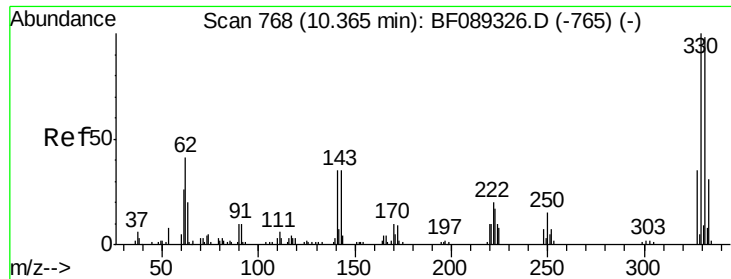
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Tgt Ion:164 Resp: 89504
 Ion Ratio Lower Upper
 164 100
 162 107.5 83.7 125.5
 160 47.2 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

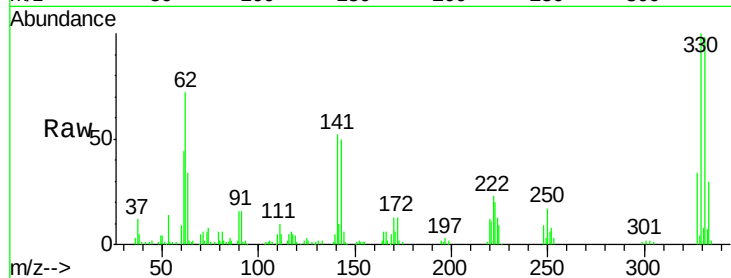




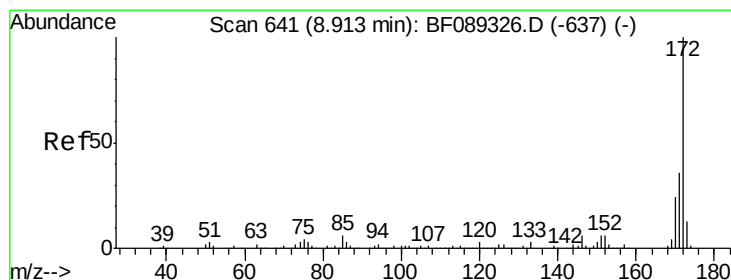
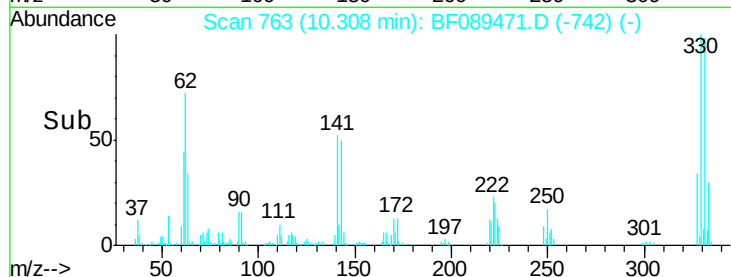
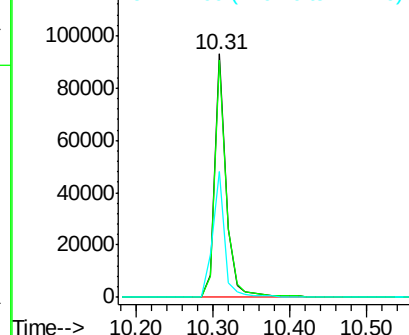
#41
 2,4,6-Tribromophenol
 Concen: 130.07 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 96420
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.8 115.2
 141 53.0 37.3 55.9

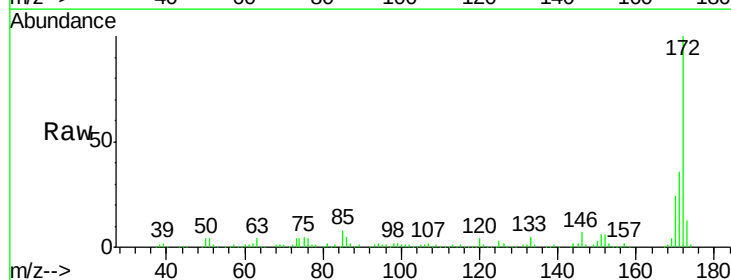


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

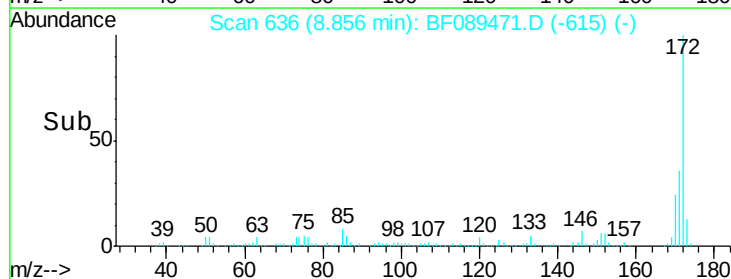
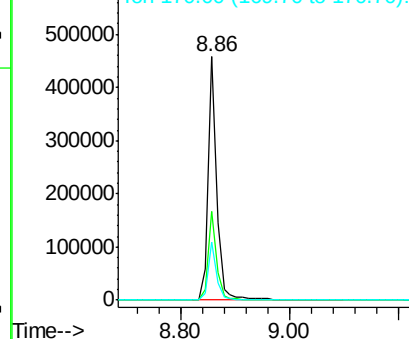


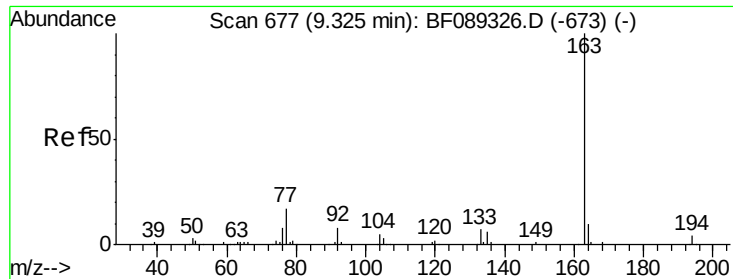
#44
 2-Fluorobiphenyl
 Concen: 81.62 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.06 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Tgt Ion:172 Resp: 497808
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

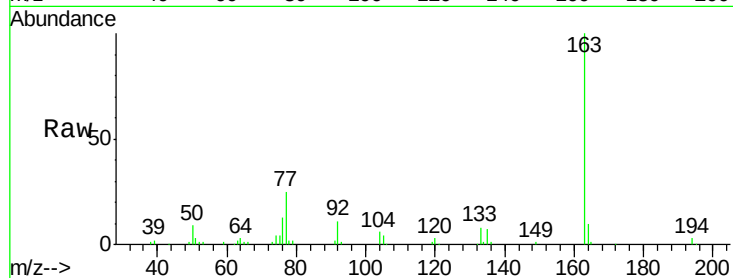




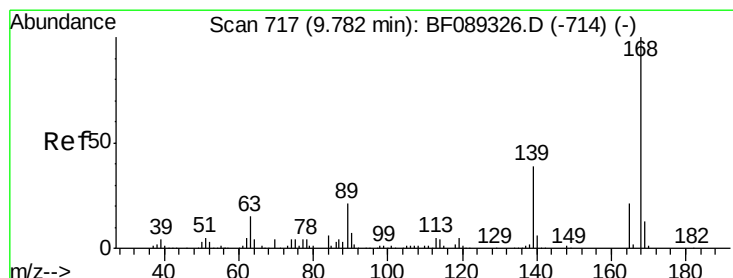
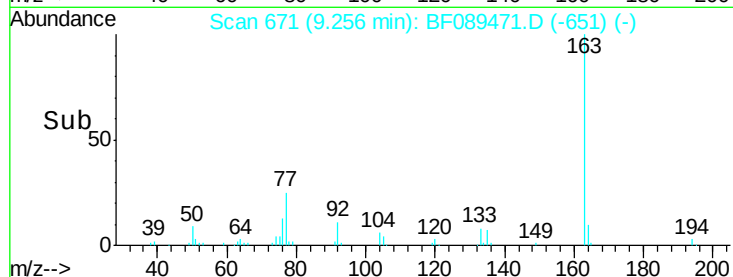
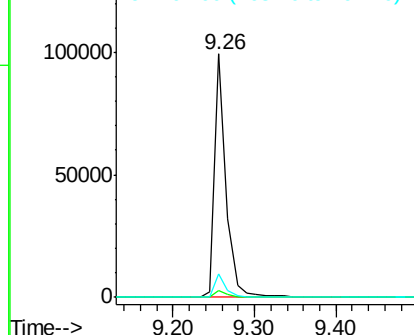
#49
Dimethylphthalate
Concen: 14.58 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089471.D
Acq: 31 Jul 2016 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 99339
Ion Ratio Lower Upper
163 100
194 2.8 2.8 4.2
164 9.9 7.8 11.8

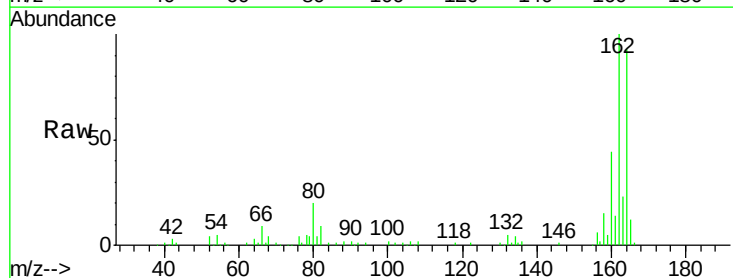


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

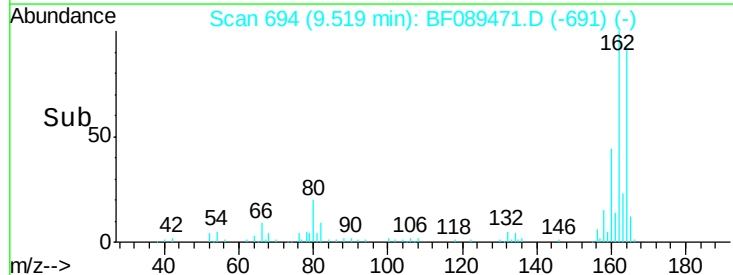
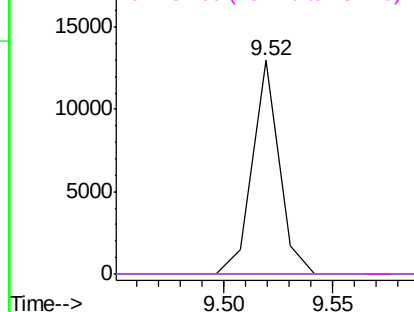


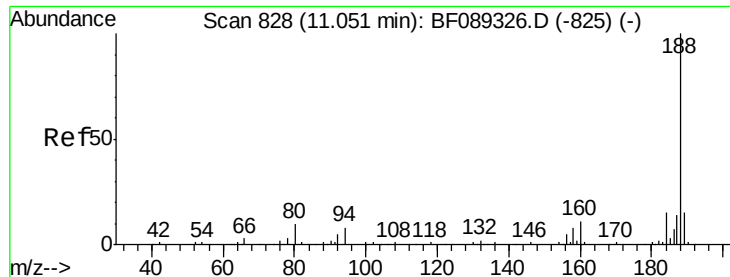
#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089471.D
Acq: 31 Jul 2016 15:20

Tgt Ion:165 Resp: 11088
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

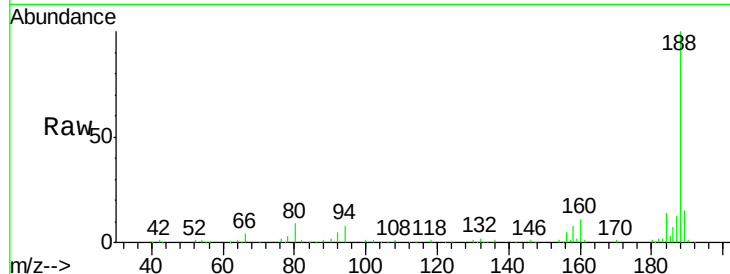




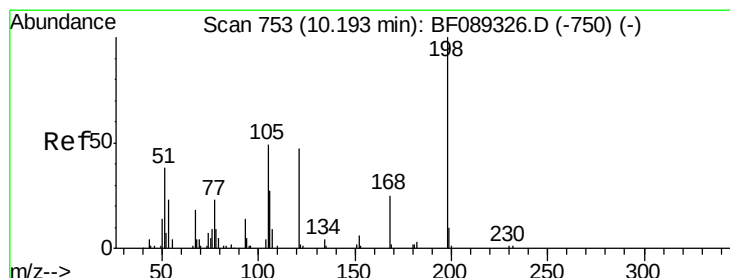
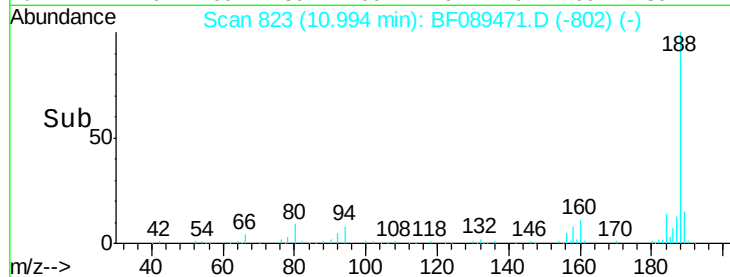
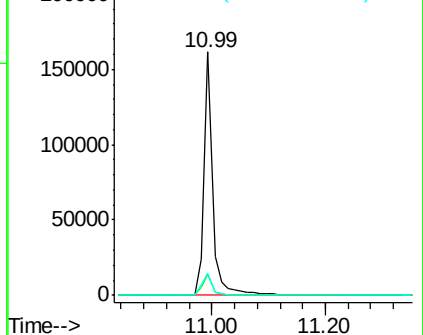
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 166752
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.5 9.7
 80 9.3 7.2 10.8

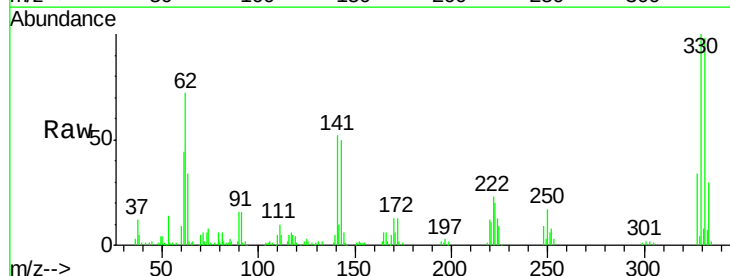


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

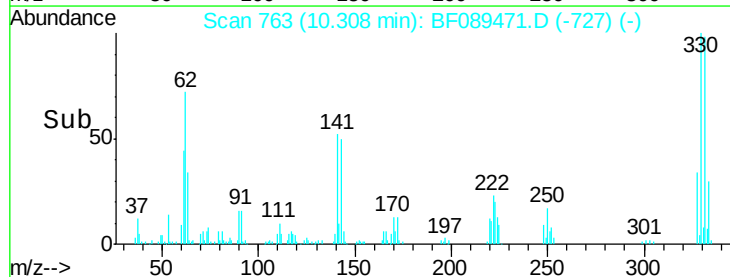
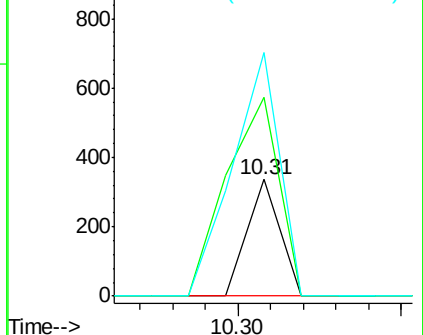


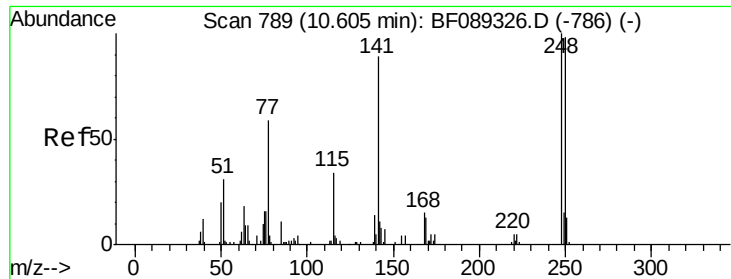
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.54 ng
 RT: 10.31 min Scan# 763
 Delta R.T. 0.11 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Tgt Ion:198 Resp: 231
 Ion Ratio Lower Upper
 198 100
 51 170.3 23.0 63.0#
 105 208.3 28.3 68.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

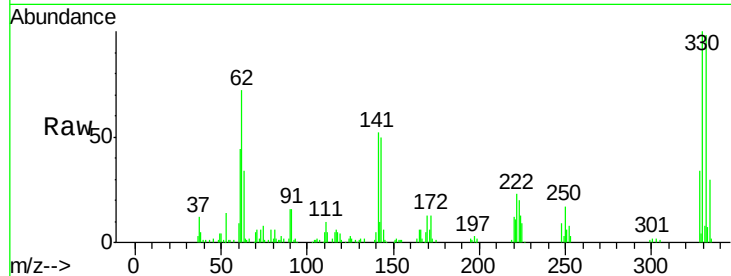




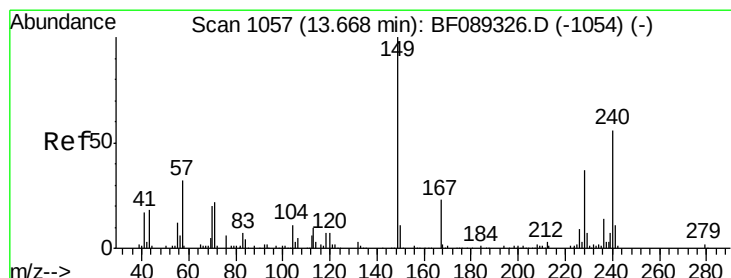
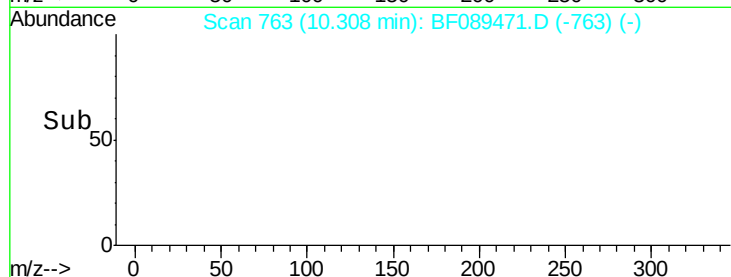
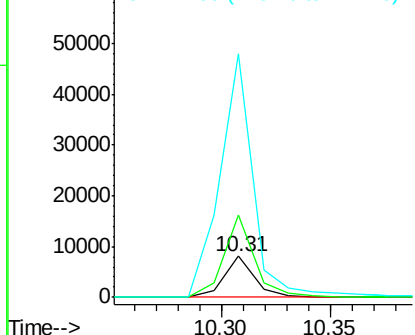
#66
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089471.D
Acq: 31 Jul 2016 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7755
Ion Ratio Lower Upper
248 100
250 201.5 78.2 117.2#
141 594.3 62.0 93.0#

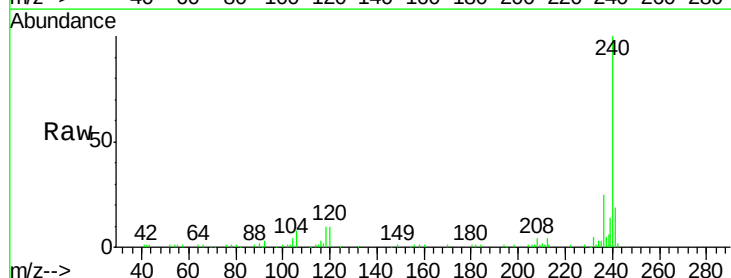


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

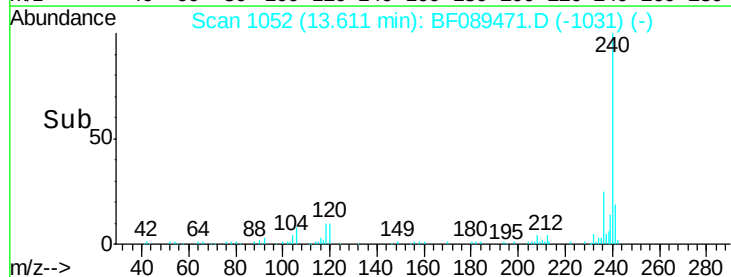
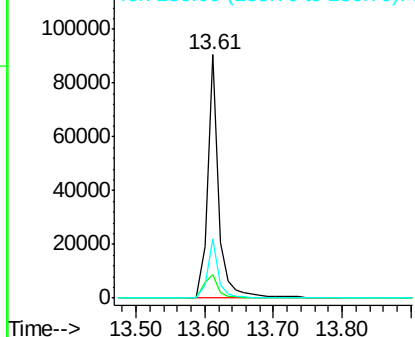


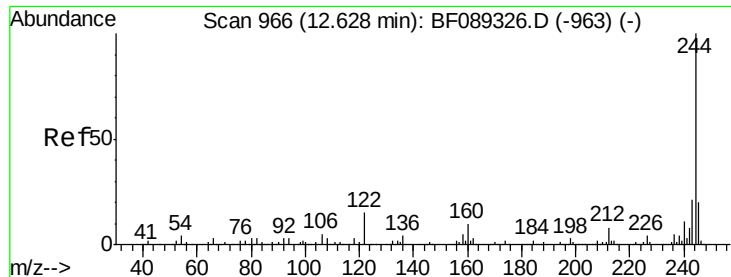
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089471.D
Acq: 31 Jul 2016 15:20

Tgt Ion:240 Resp: 100982
Ion Ratio Lower Upper
240 100
120 9.9 9.1 13.7
236 24.6 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

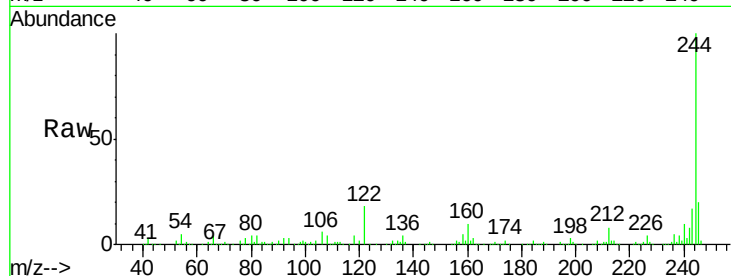




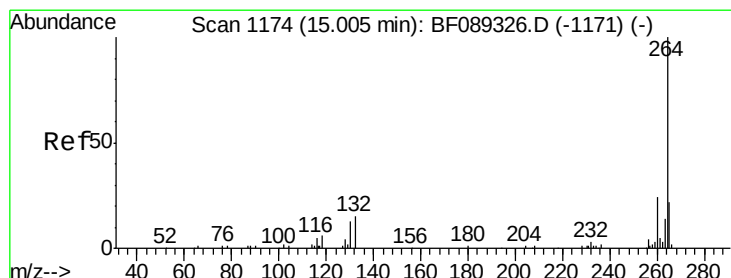
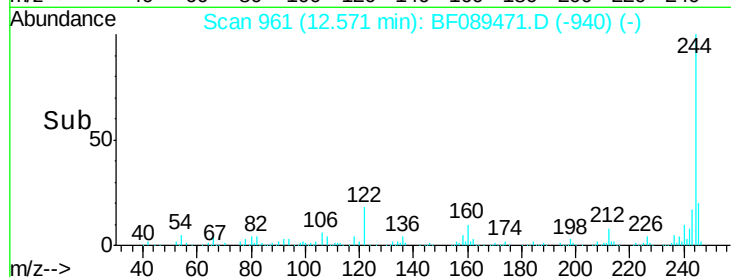
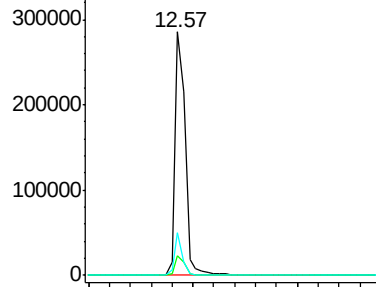
#78
 Terphenyl-d14
 Concen: 89.59 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.06 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 386546
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 17.5 11.4 17.0#

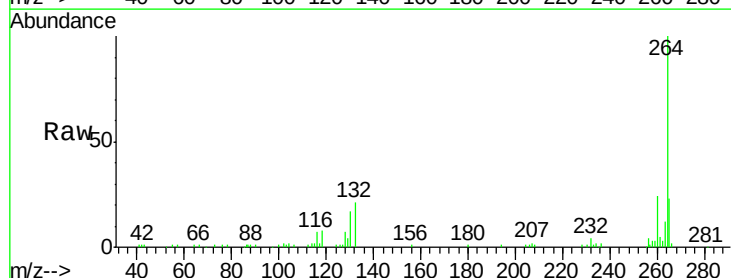


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF089471.D
 Acq: 31 Jul 2016 15:20

Tgt Ion:264 Resp: 79806
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.5 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

