

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089469.D
 Acq On : 31 Jul 2016 14:21
 Operator : UM/SJ
 Sample : H4285-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:13:39 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

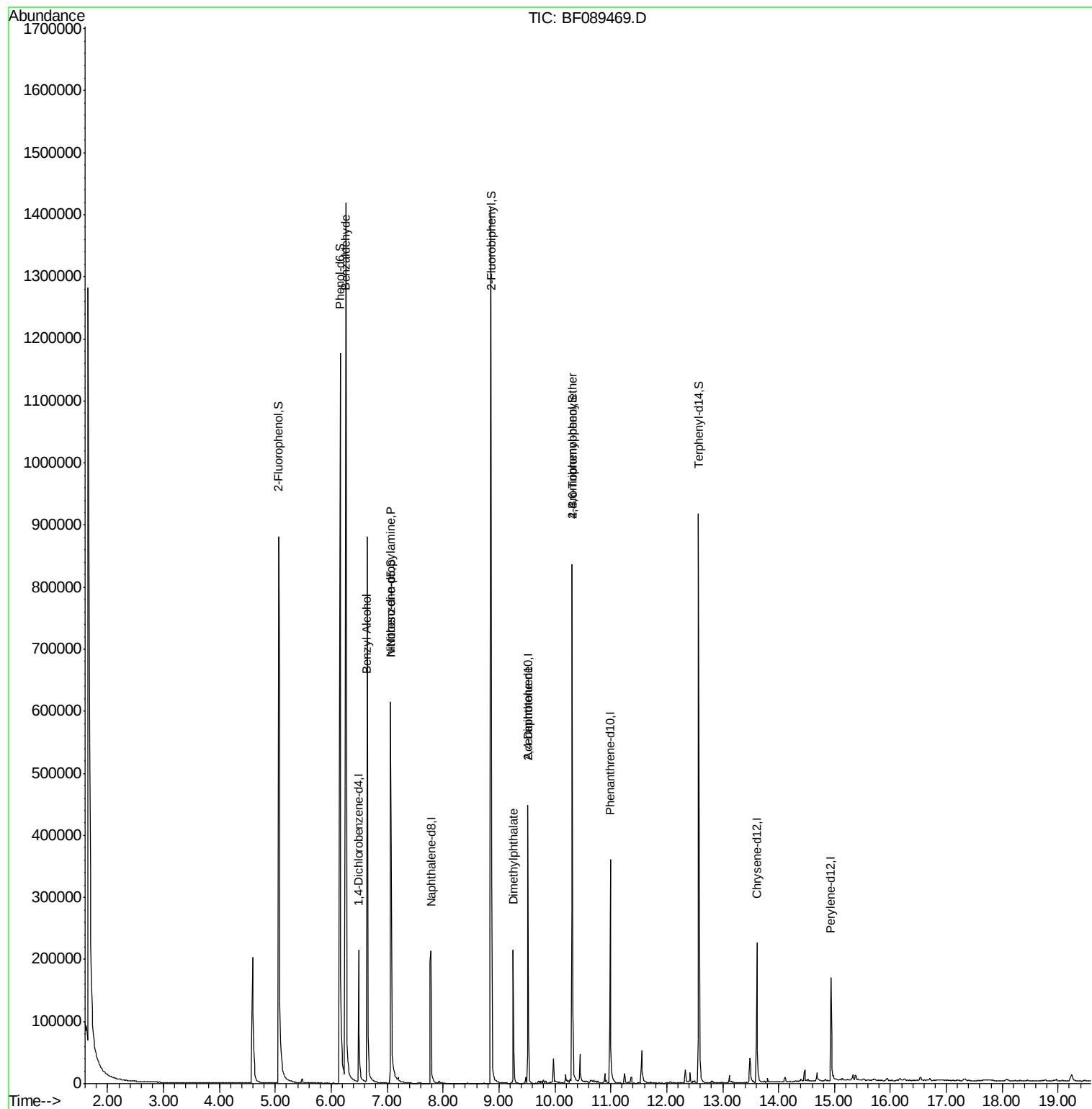
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	43895	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	172217	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	86717	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	158546	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	93869	20.00	ng	-0.06
86) Perylene-d12	14.94	264	74509	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	394319	143.44	ng	-0.05
7) Phenol-d6	6.16	99	568927	156.60	ng	-0.05
23) Nitrobenzene-d5	7.06	82	320835	109.96	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	92754	129.15	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	494544	83.70	ng	-0.06
78) Terphenyl-d14	12.57	244	326622	81.44	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.26	77	10141	5.72	ng	82
15) Benzyl Alcohol	6.64	79	5140	2.28	ng	# 50
19) n-Nitroso-di-n-propylamine	7.06	70	41416	18.90	ng	# 82
49) Dimethylphthalate	9.26	163	88905	13.47	ng	99
56) 2,4-Dinitrotoluene	9.52	165	10723	6.01	ng	# 7
66) 4-Bromophenyl-phenylether	10.31	248	7643	5.05	ng	# 1

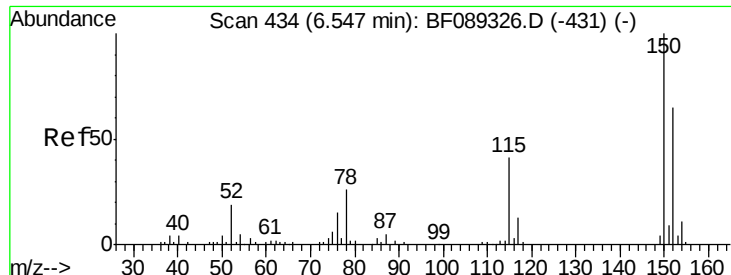
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF089469.D

Acq: 31 Jul 2016 14:21

Instrument :

BNA_F

ClientSampleId :

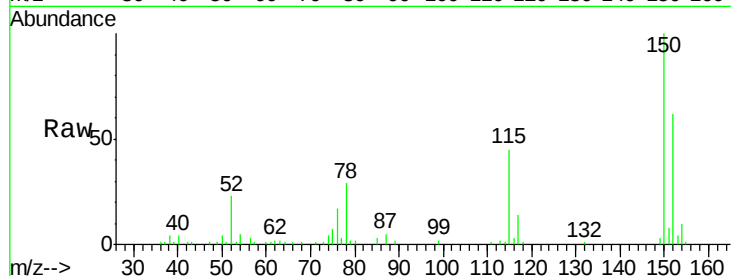
Tot Ion:152 Resp: 43895

Ion Ratio Lower Upper

152 100

150 160.2 129.5 194.3

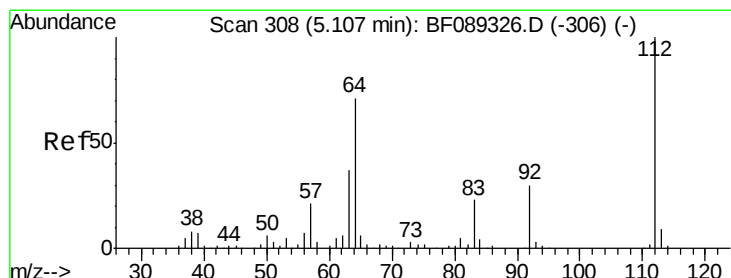
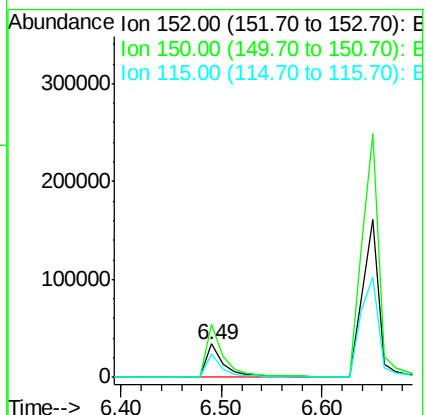
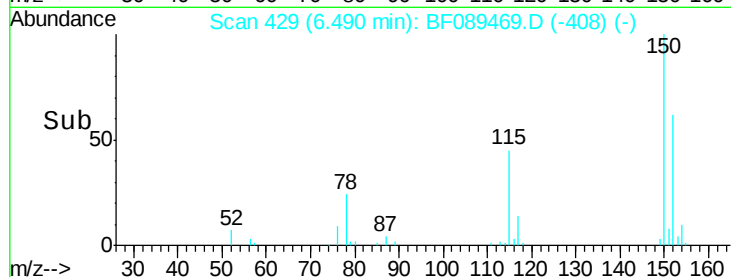
115 71.4 51.4 77.2



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: 143.44 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089469.D

Acq: 31 Jul 2016 14:21

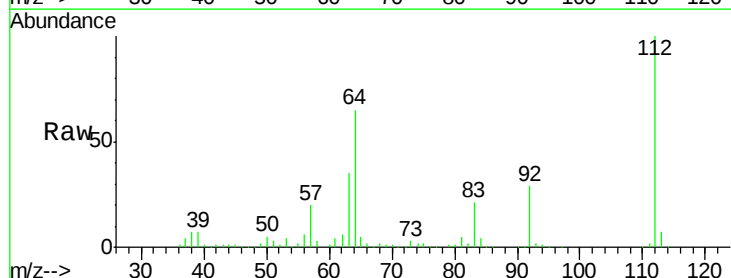
Tgt Ion:112 Resp: 394319

Ion Ratio Lower Upper

112 100

64 64.8 55.0 82.6

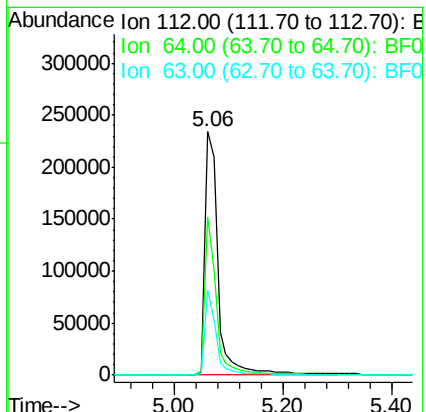
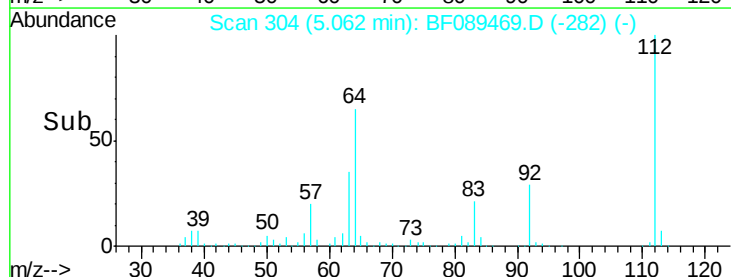
63 34.7 29.4 44.2



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: 156.60 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089469.D

Acq: 31 Jul 2016 14:21

Instrument :

BNA_F

ClientSampled :

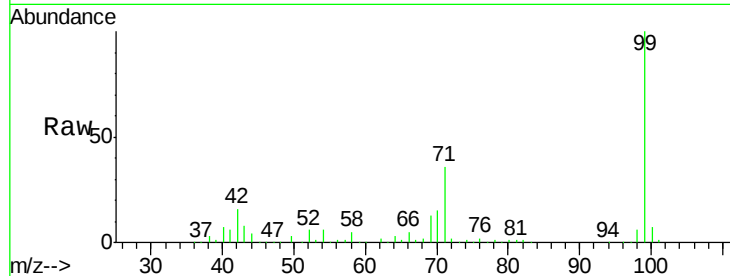
Tot Ion: 99 Resp: 568927

Ion Ratio Lower Upper

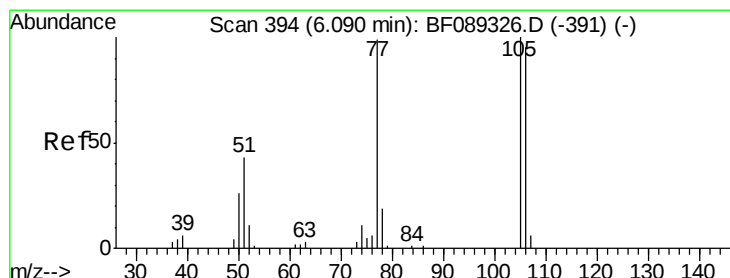
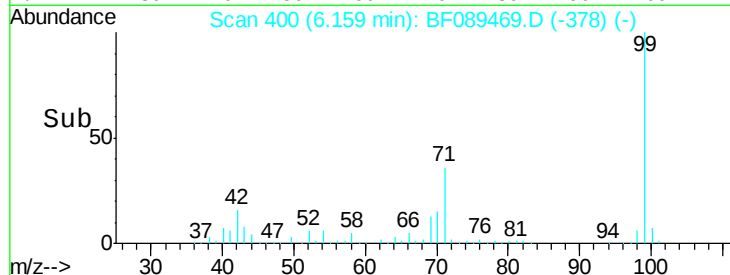
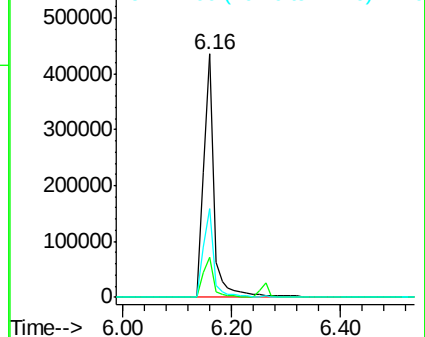
99 100

42 16.5 13.6 20.4

71 36.4 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: 5.72 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.17 min

Lab File: BF089469.D

Acq: 31 Jul 2016 14:21

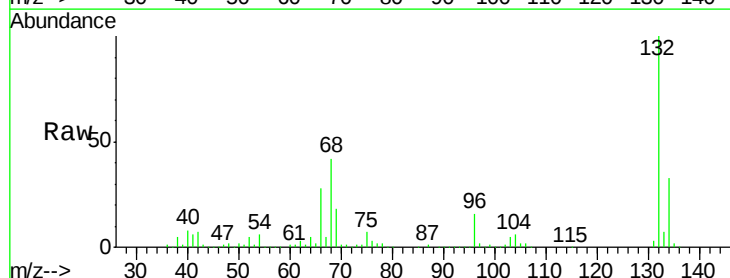
Tgt Ion: 77 Resp: 10141

Ion Ratio Lower Upper

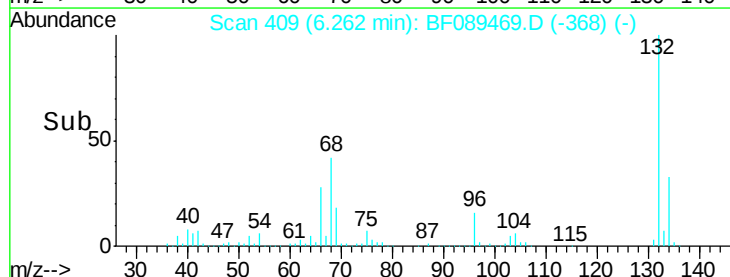
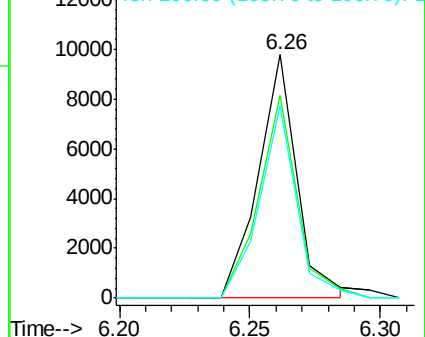
77 100

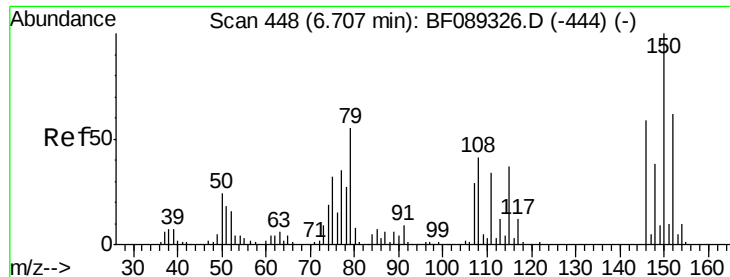
105 83.2 82.9 122.9

106 79.3 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

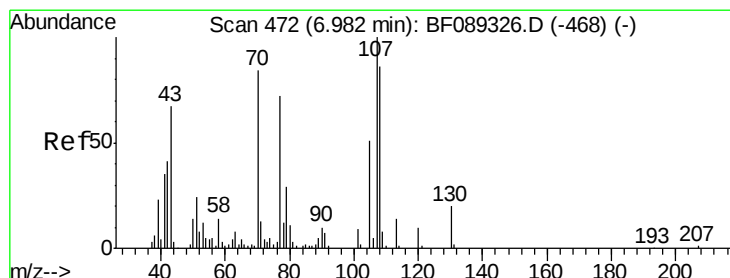
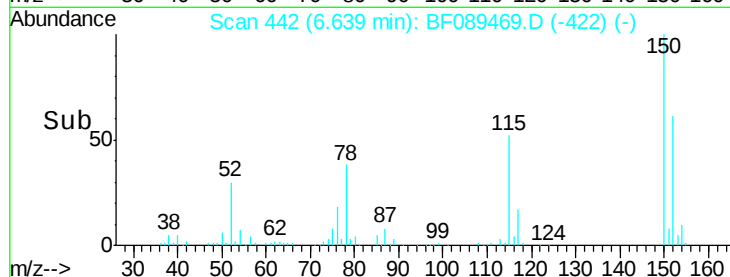
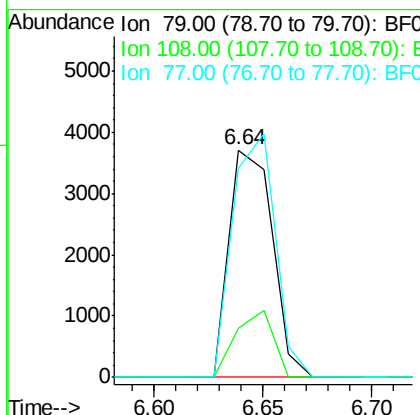
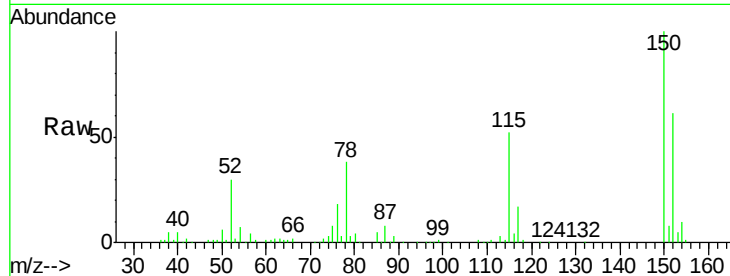




#15
Benzyl Alcohol
Concen: 2.28 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF089469.D
Acq: 31 Jul 2016 14:21

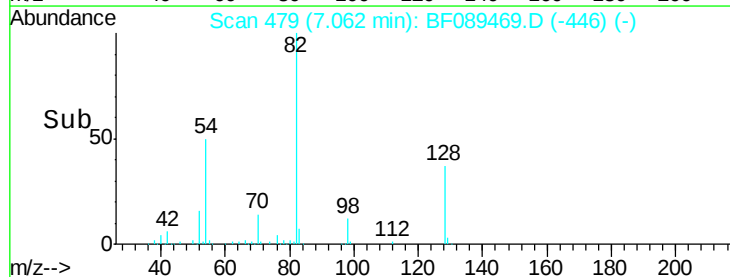
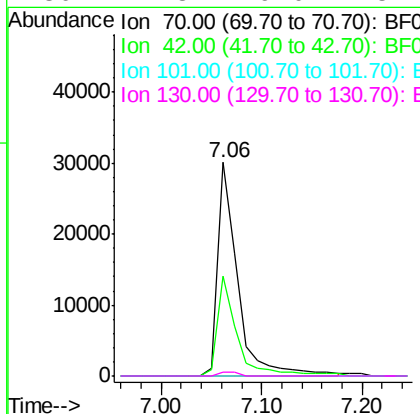
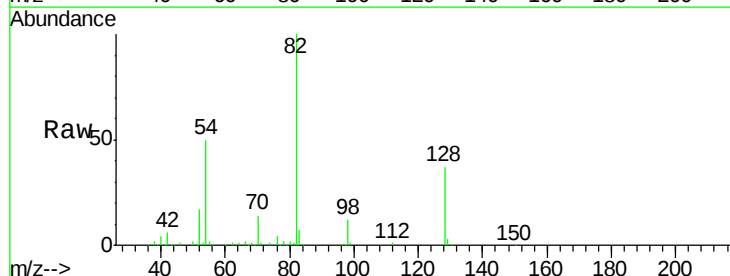
Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 5140
Ion Ratio Lower Upper
79 100
108 21.7 59.8 89.6#
77 92.1 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.90 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089469.D
Acq: 31 Jul 2016 14:21

Tgt Ion: 70 Resp: 41416
Ion Ratio Lower Upper
70 100
42 46.8 38.6 57.8
101 0.0 8.3 12.5#
130 1.8 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: BF089469.D

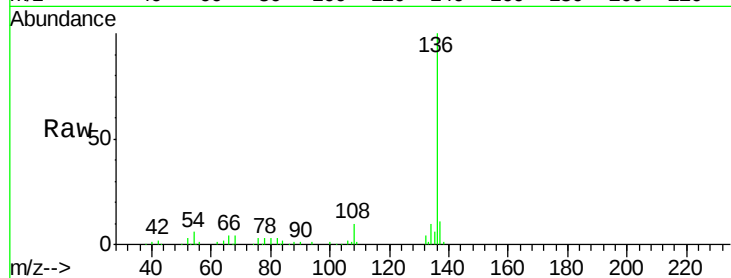
Acq: 31 Jul 2016 14:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	172217
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	5.8	7.0 10.4#
68	4.5	4.9 7.3#

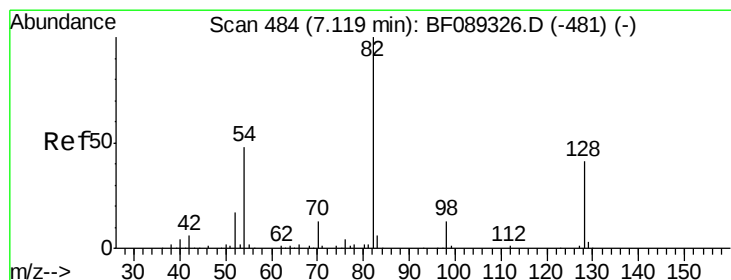
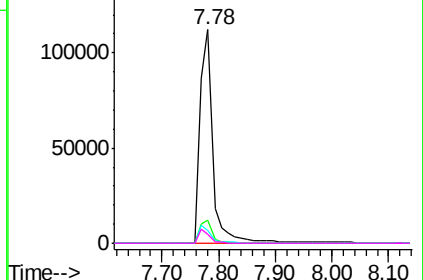
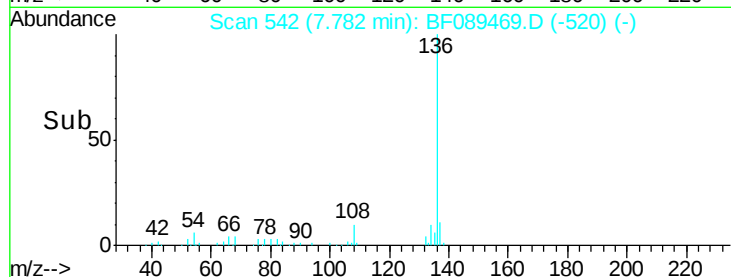


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.96 ng

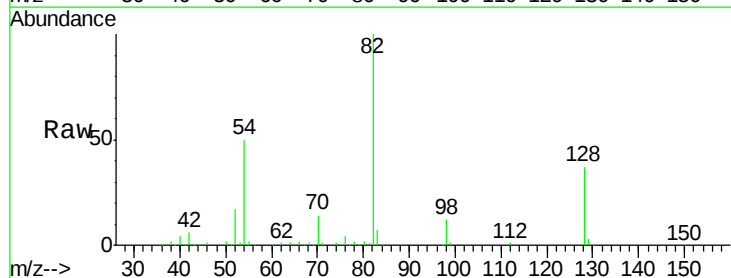
RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF089469.D

Acq: 31 Jul 2016 14:21

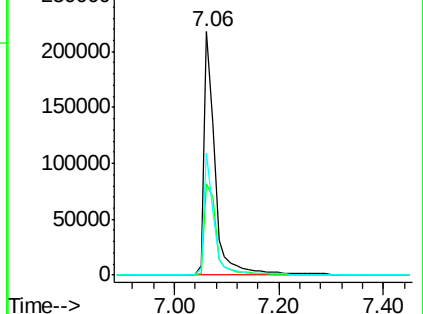
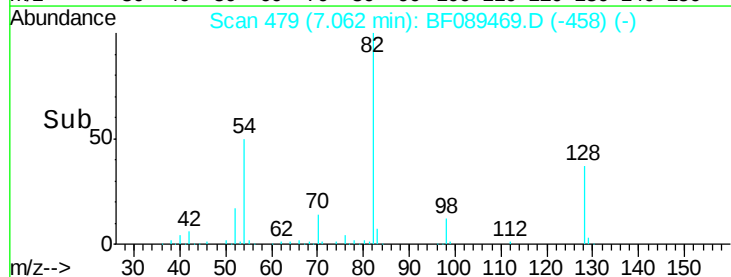
Tgt Ion: 82	Resp:	320835
Ion Ratio	Lower	Upper
82	100	
128	37.4	32.5 48.7
54	50.0	38.8 58.2

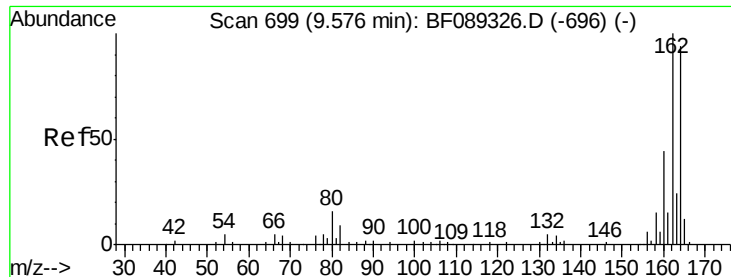


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

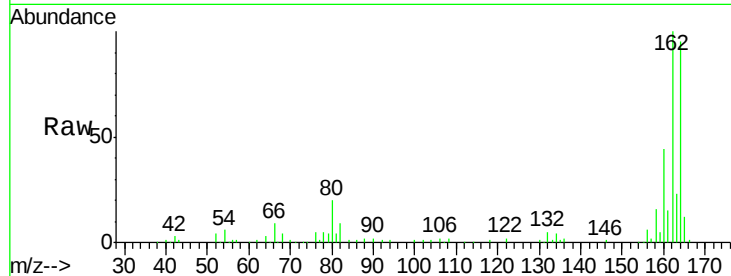




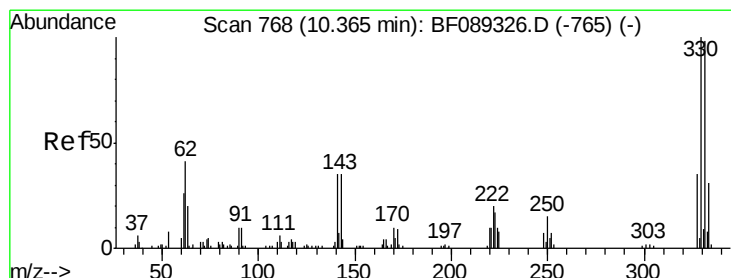
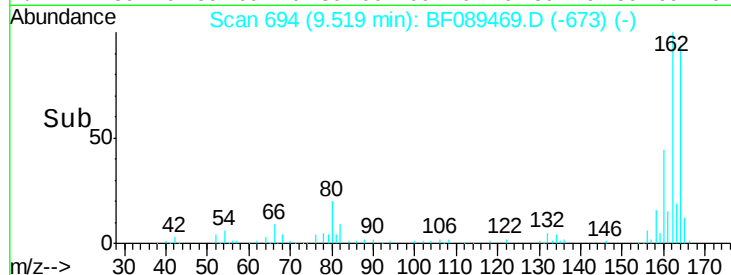
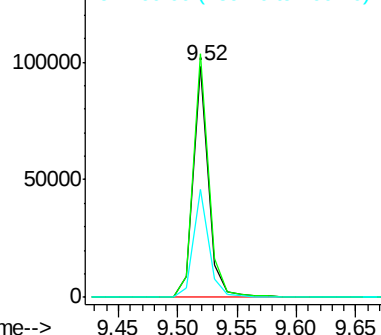
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089469.D
 Acq: 31 Jul 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 86717
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.7 125.5
 160 46.8 37.8 56.6

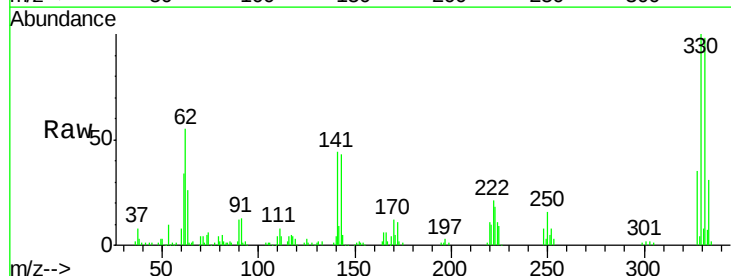


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

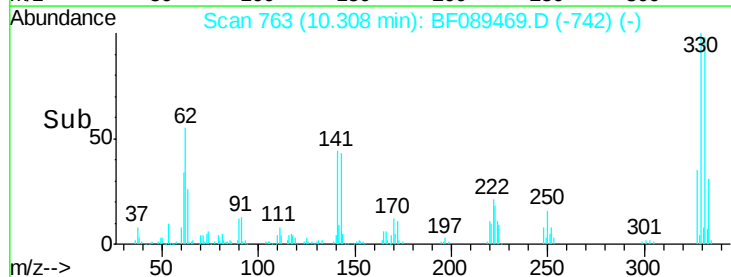
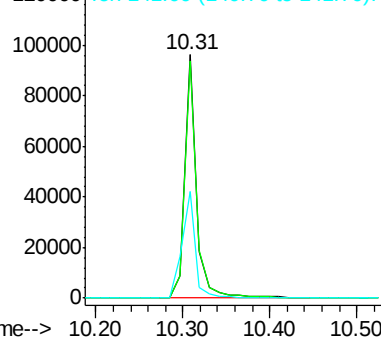


#41
 2,4,6-Tribromophenol
 Concen: 129.15 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089469.D
 Acq: 31 Jul 2016 14:21

Tgt Ion:330 Resp: 92754
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.8 115.2
 141 49.7 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

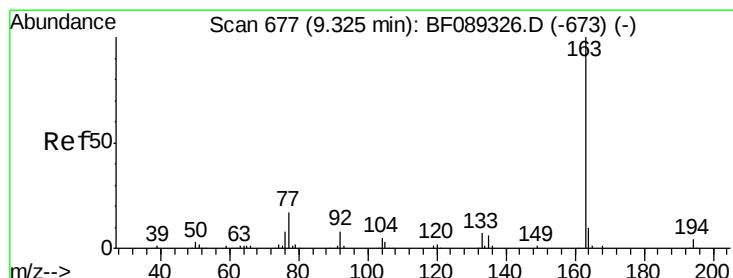
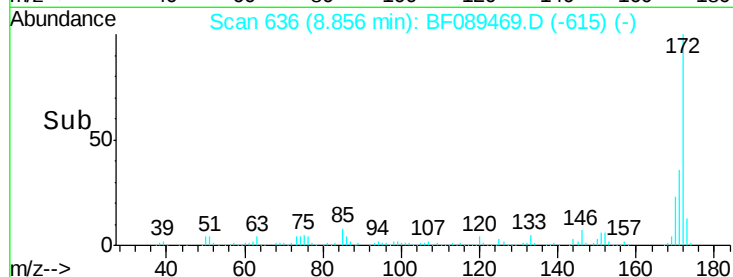
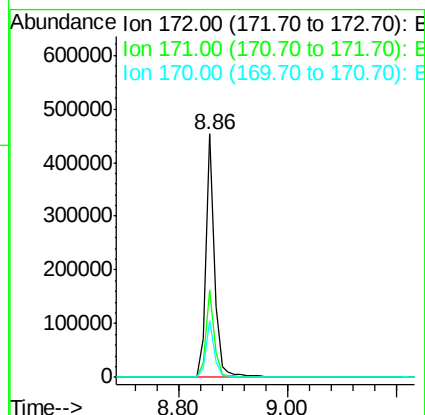
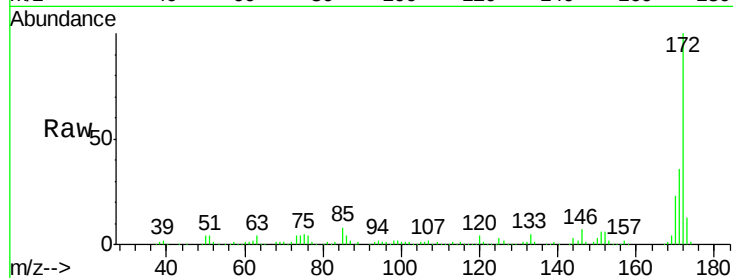




#44
2-Fluorobiphenyl
Concen: 83.70 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089469.D
Acq: 31 Jul 2016 14:21

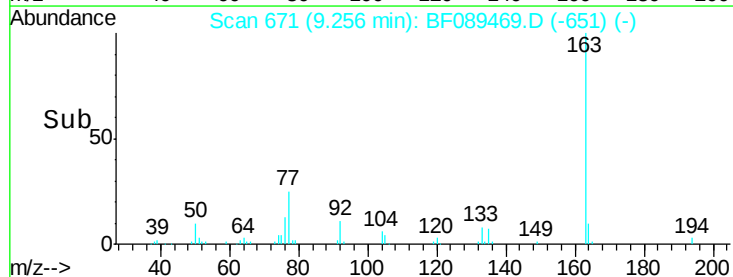
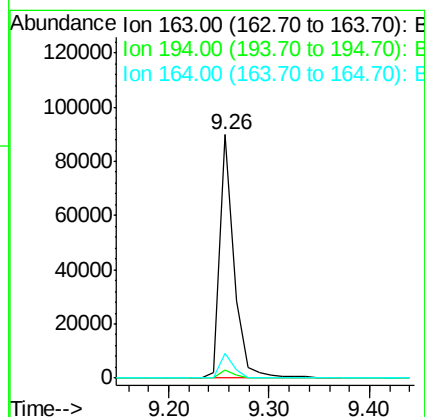
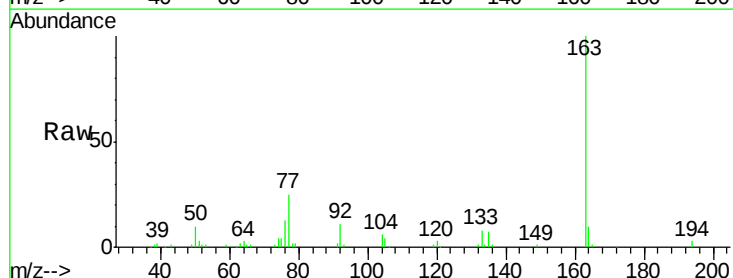
Instrument :
BNA_F
ClientSampleId :

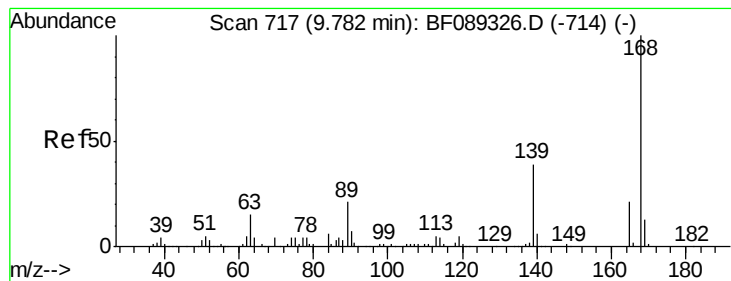
Tot Ion:172 Resp: 494544
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 23.4 19.2 28.8



#49
Dimethylphthalate
Concen: 13.47 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089469.D
Acq: 31 Jul 2016 14:21

Tgt Ion:163 Resp: 88905
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.4 7.8 11.8

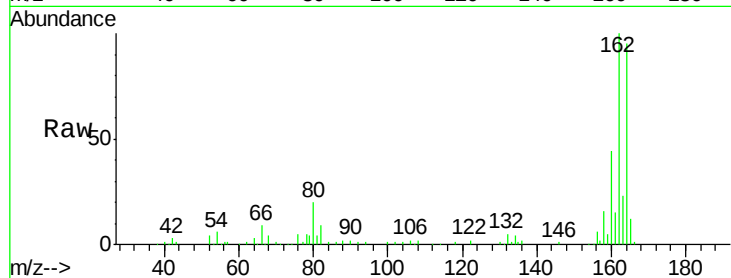




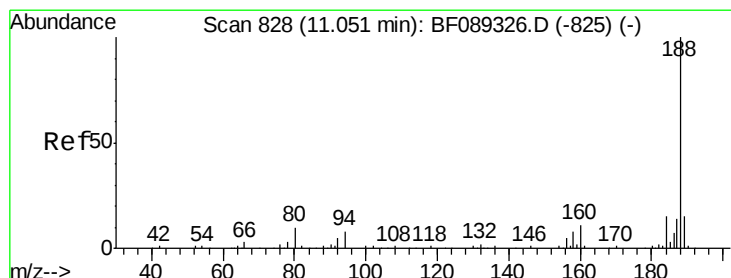
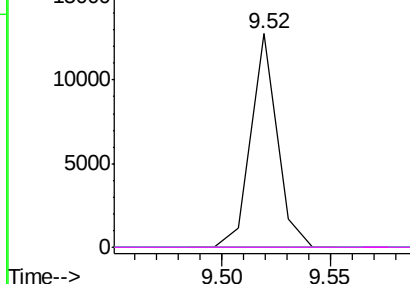
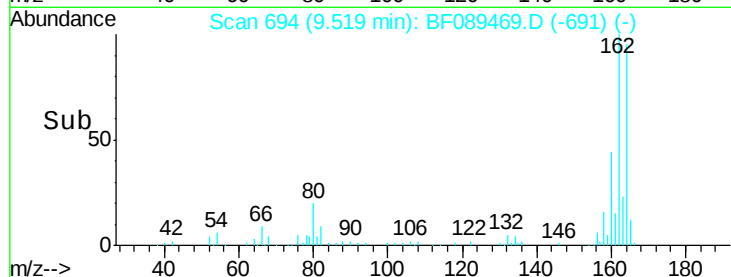
#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.26 min
 Lab File: BF089469.D
 Acq: 31 Jul 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 10723
 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#

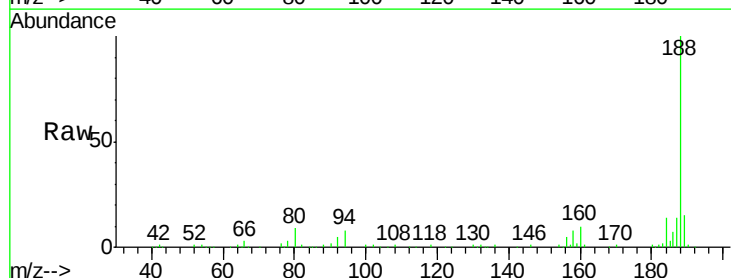


Abundance Ion 165.00 (164.70 to 165.70): E
 20000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

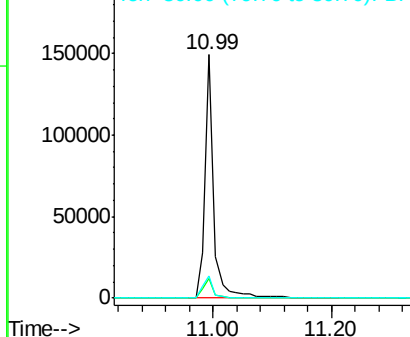
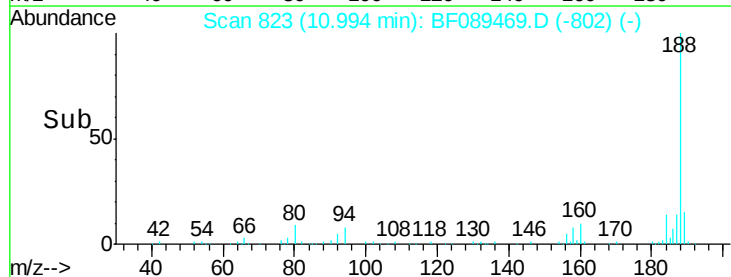


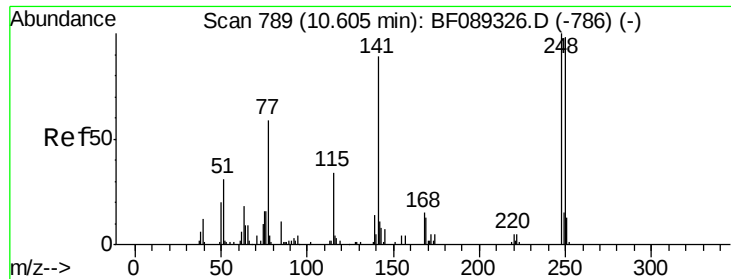
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089469.D
 Acq: 31 Jul 2016 14:21

Tgt Ion:188 Resp: 158546
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.5 9.7
 80 8.9 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
 200000
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

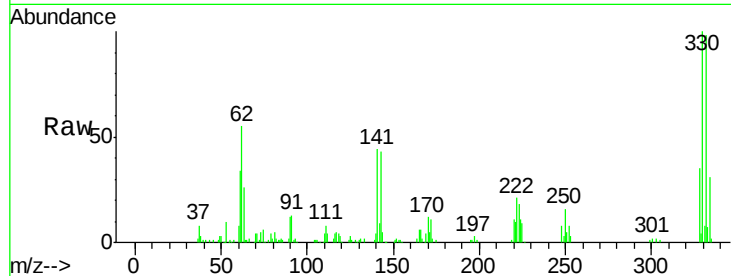




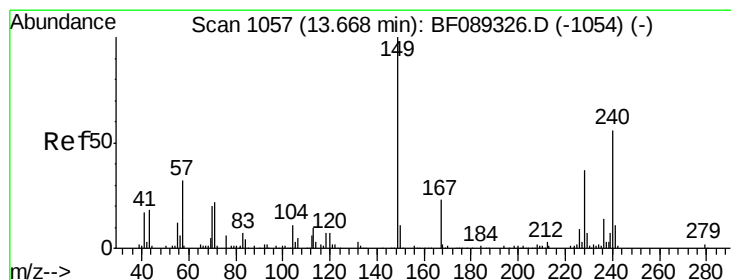
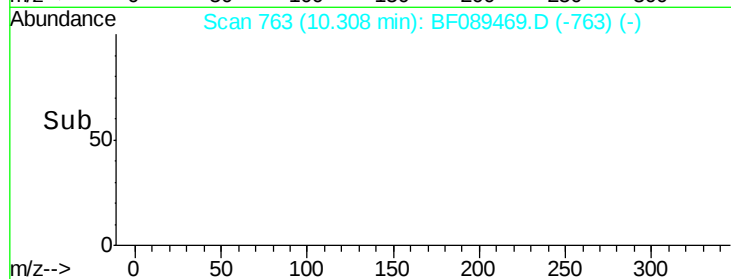
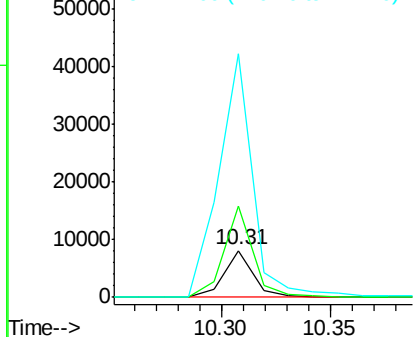
#66
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089469.D
Acq: 31 Jul 2016 14:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7643
Ion Ratio Lower Upper
248 100
250 194.2 78.2 117.2#
141 519.3 62.0 93.0#

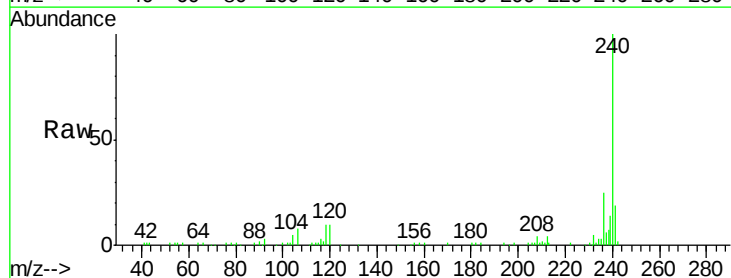


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

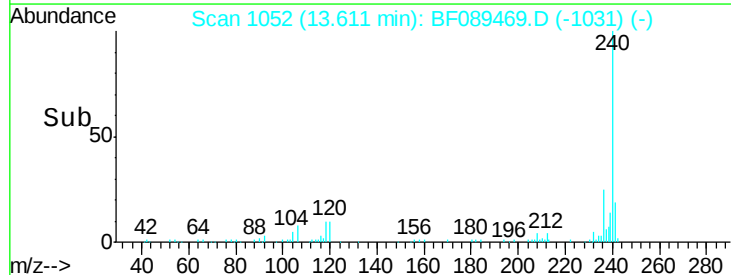
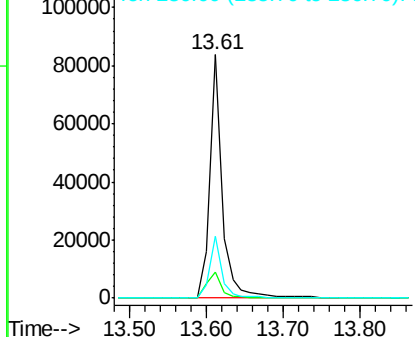


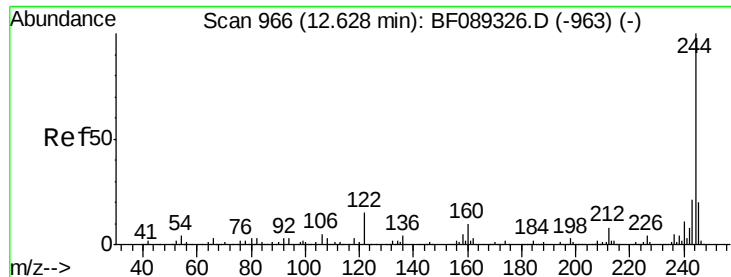
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089469.D
Acq: 31 Jul 2016 14:21

Tgt Ion:240 Resp: 93869
Ion Ratio Lower Upper
240 100
120 10.5 9.1 13.7
236 25.2 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

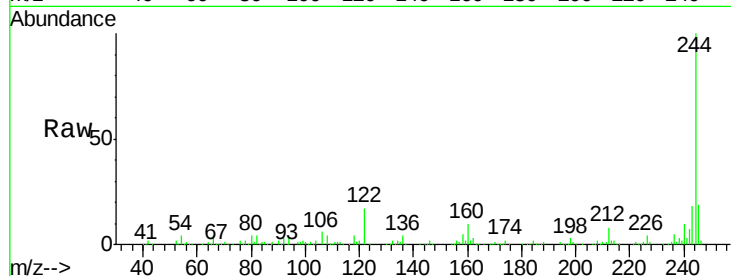




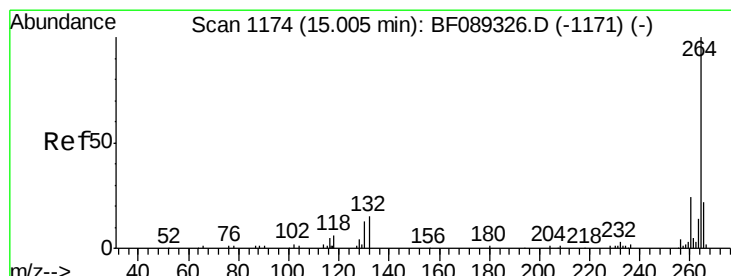
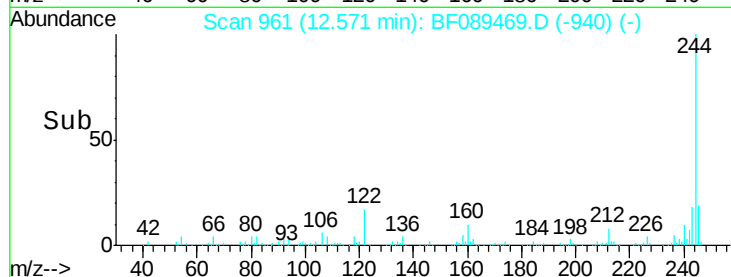
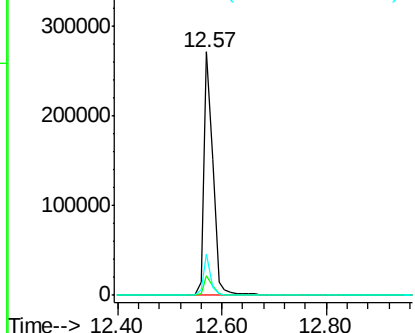
#78
 Terphenyl-d14
 Concen: 81.44 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.06 min
 Lab File: BF089469.D
 Acq: 31 Jul 2016 14:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 326622
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 17.3 11.4 17.0#

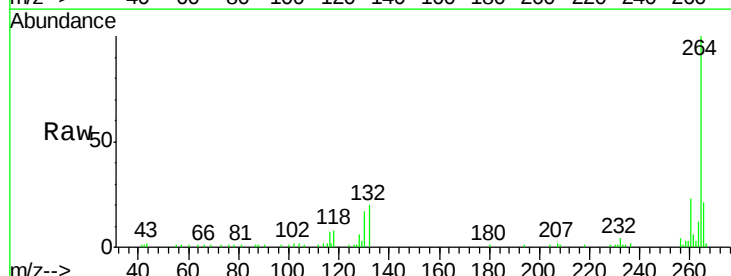


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF089469.D
 Acq: 31 Jul 2016 14:21

Tgt Ion:264 Resp: 74509
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.4 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

