

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089874.D
 Acq On : 24 Aug 2016 15:08
 Operator : UM/SJ
 Sample : H4551-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:42:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

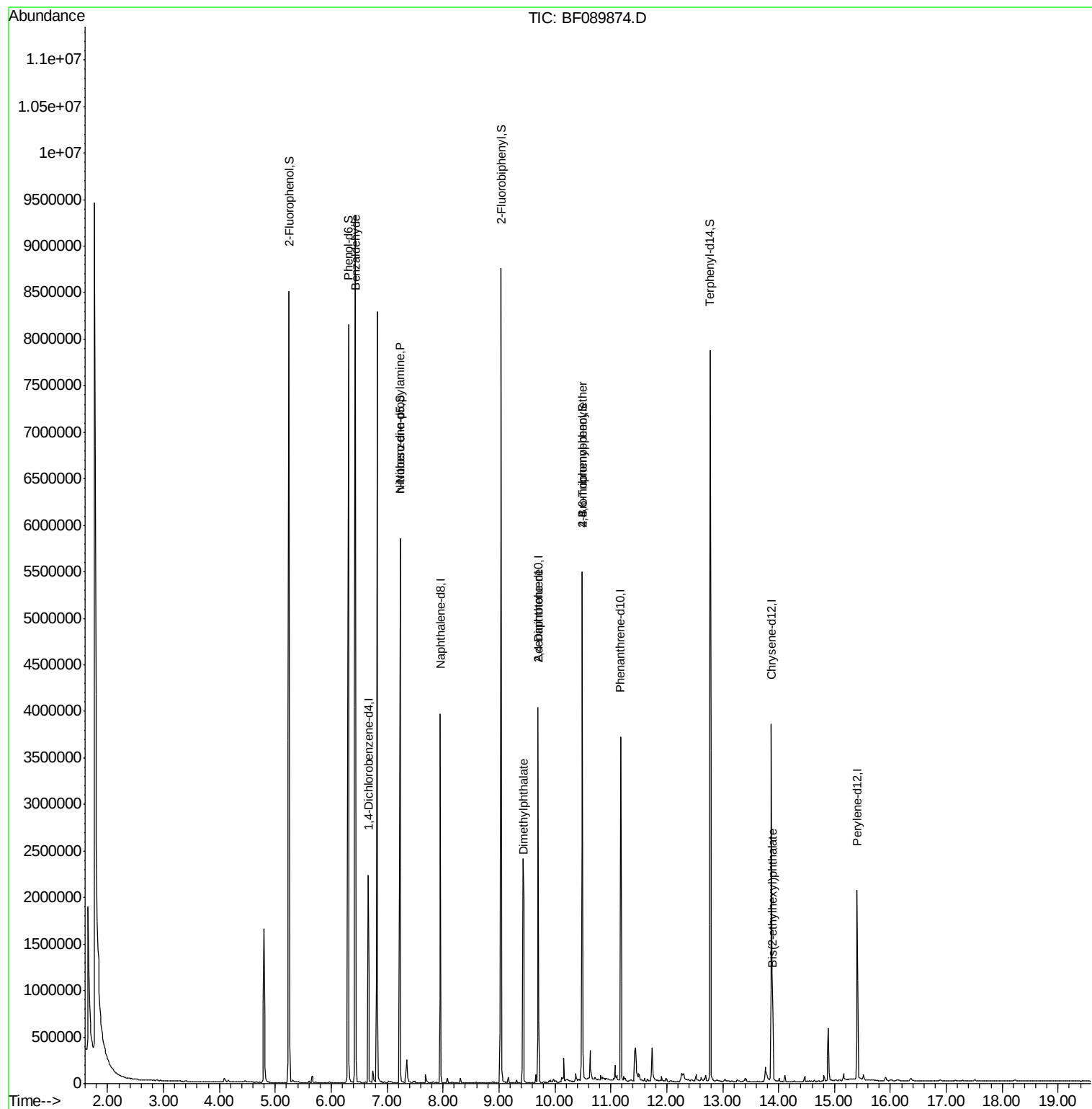
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	399100	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	1764209	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	779627	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	1387654	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	1175743	20.00	ng	-0.02
86) Perylene-d12	15.41	264	928350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2678361	111.97	ng	-0.03
7) Phenol-d6	6.31	99	3592646	118.08	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2049930	70.95	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	769150	101.98	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	3640069	74.92	ng	-0.03
78) Terphenyl-d14	12.78	244	2982765	75.79	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.43	77	62613	3.11	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.23	70	278994	14.00	ng	# 72
49) Dimethylphthalate	9.44	163	1553916	27.55	ng	# 98
56) 2,4-Dinitrotoluene	9.70	165	102193	6.23	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	47415	3.30	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.90	149	598200	11.71	ng	# 95

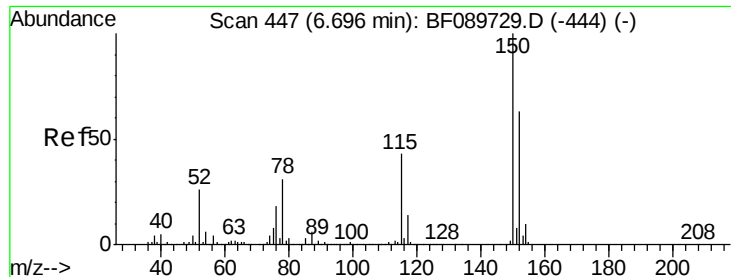
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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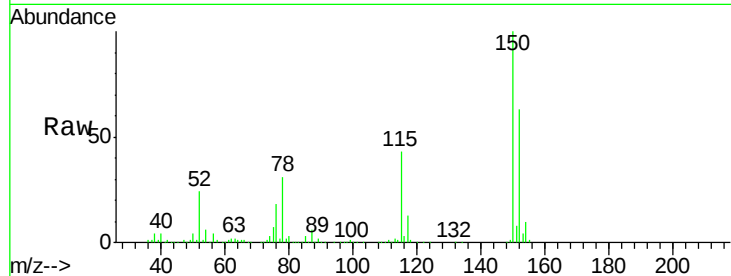


#1

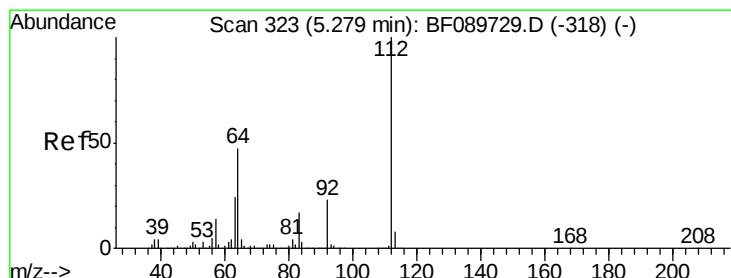
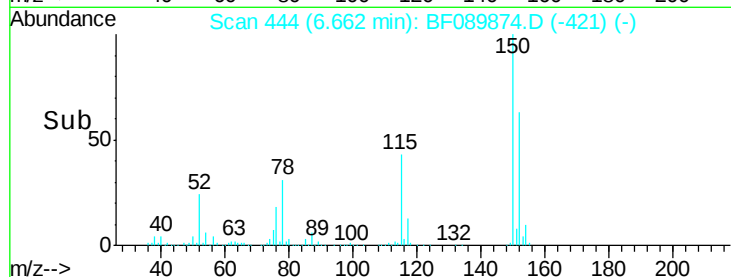
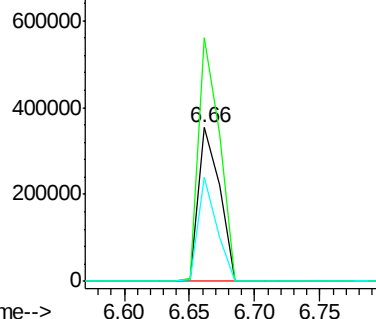
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 399100
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 67.8 40.9 61.3#



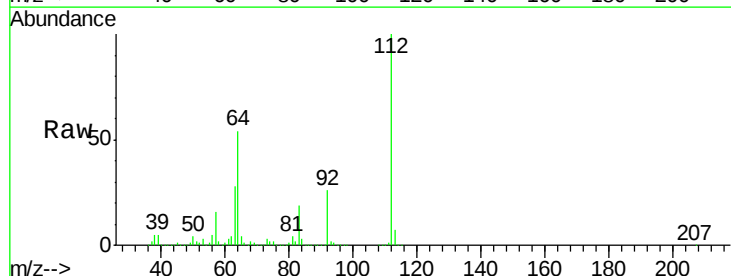
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



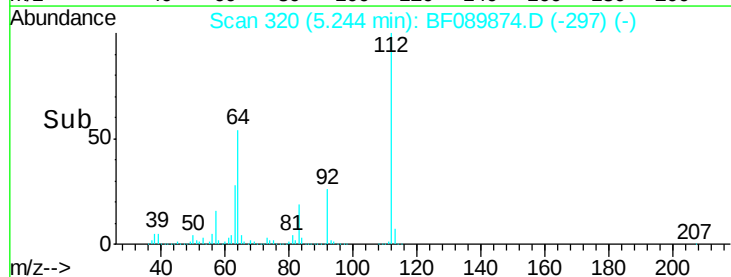
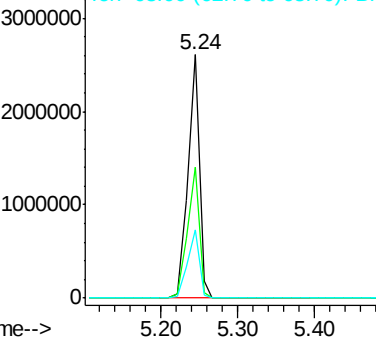
#5

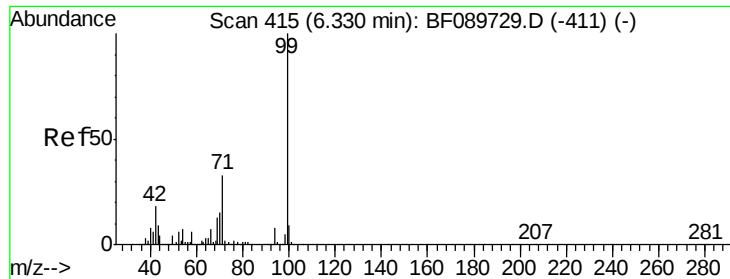
2-Fluorophenol
Concen: 111.97 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.03 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Tgt Ion:112 Resp: 2678361
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 28.0 23.1 34.7



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: 118.08 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

Instrument :

BNA_F

ClientSampled :

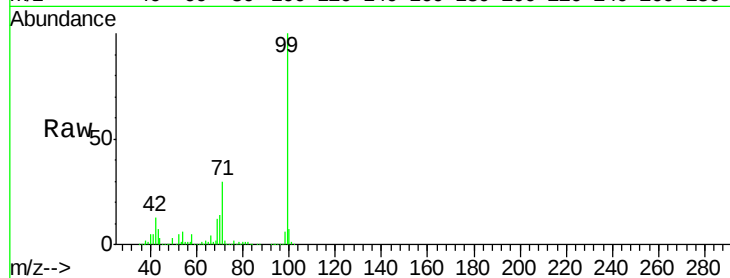
Tot Ion: 99 Resp: 3592646

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.4

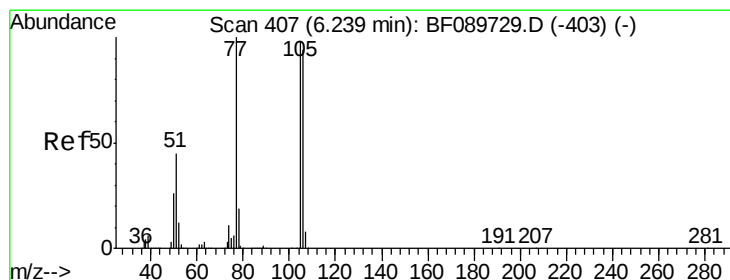
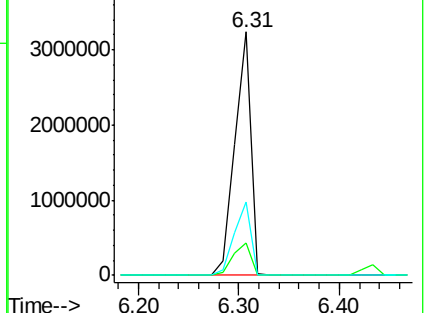
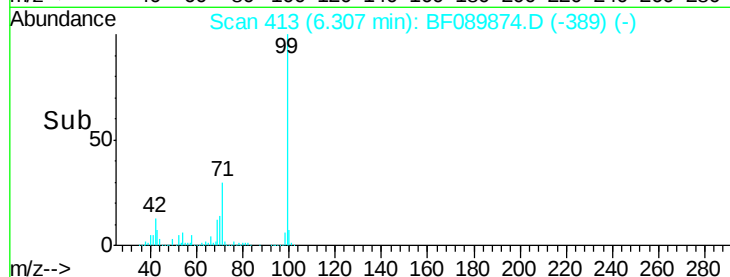
71 30.2 23.8 35.8



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: 3.11 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.19 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

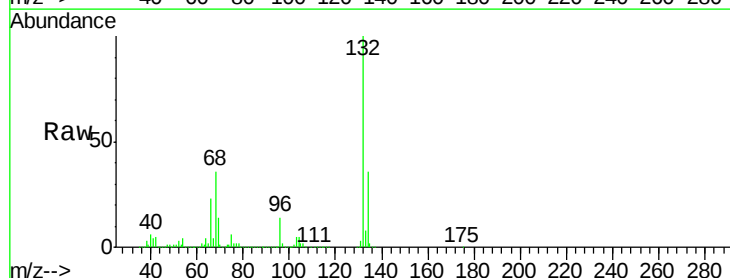
Tgt Ion: 77 Resp: 62613

Ion Ratio Lower Upper

77 100

105 88.0 73.3 113.3

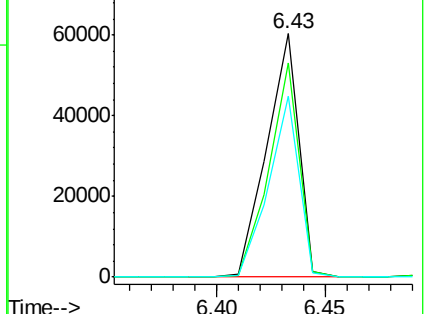
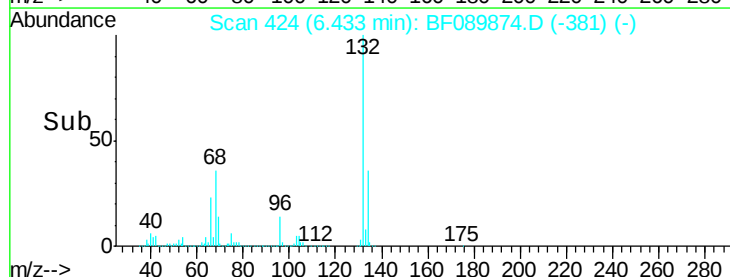
106 74.5 68.6 108.6

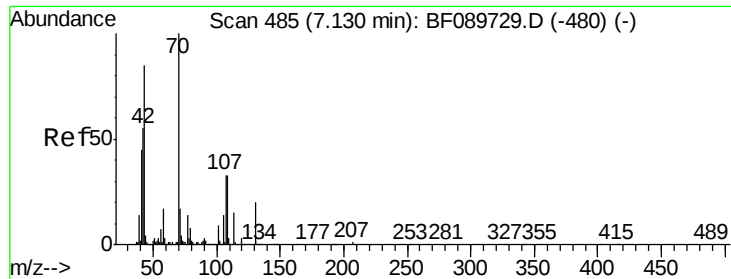


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

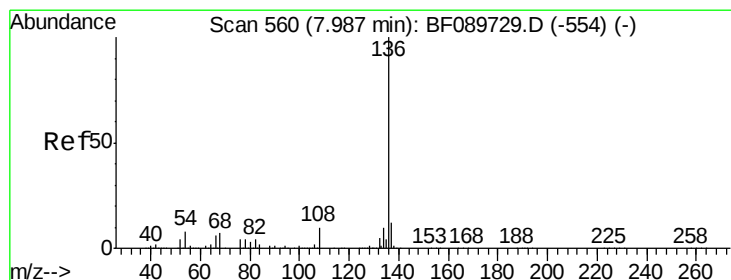
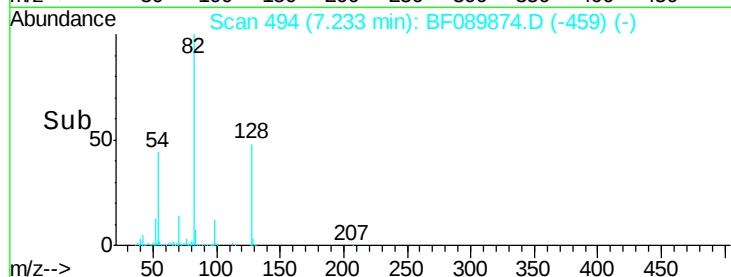
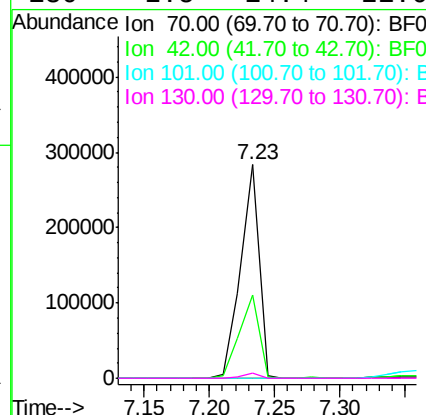
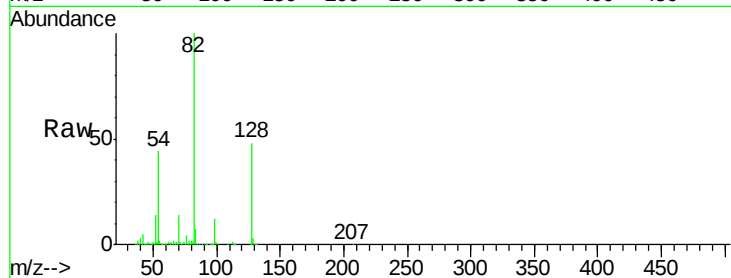




#19
n-Nitroso-di-n-propylamine
Concen: 14.00 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.10 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

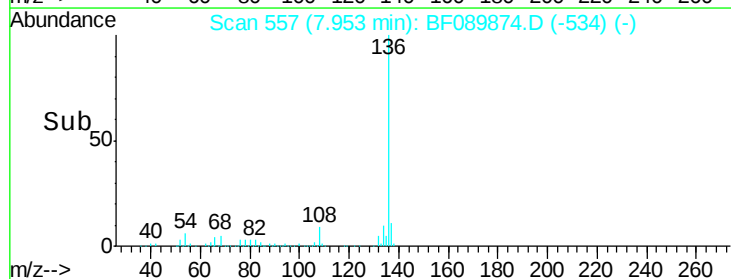
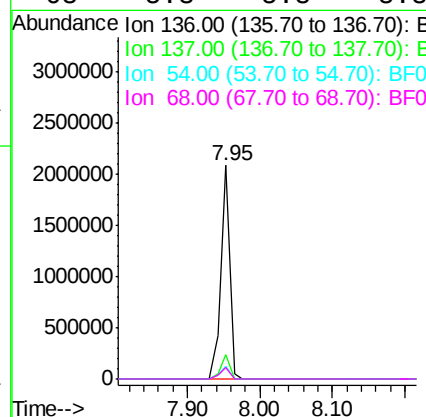
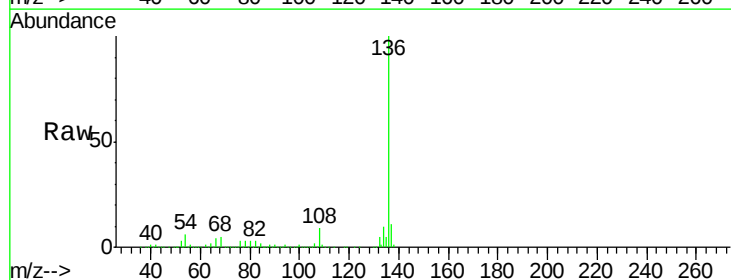
Instrument :
BNA_F
ClientSampleId :

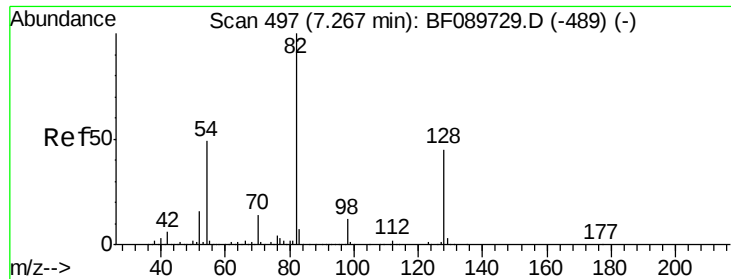
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.8	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.7	7.2	10.8#
68	5.3	5.8	8.8#

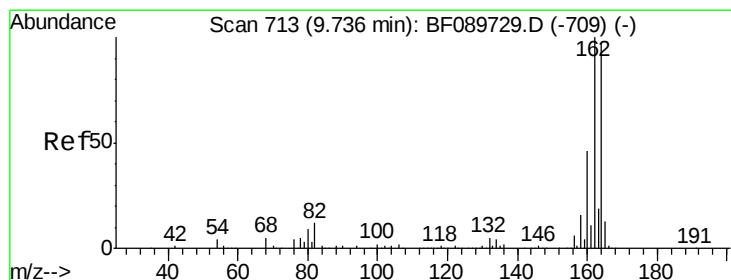
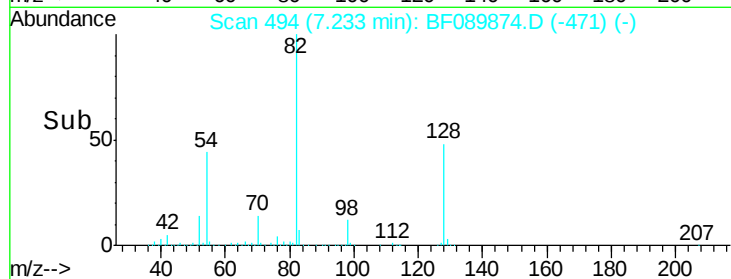
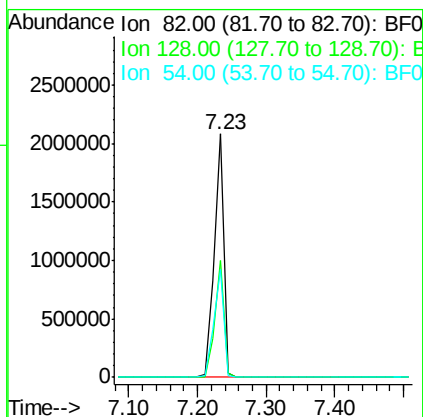
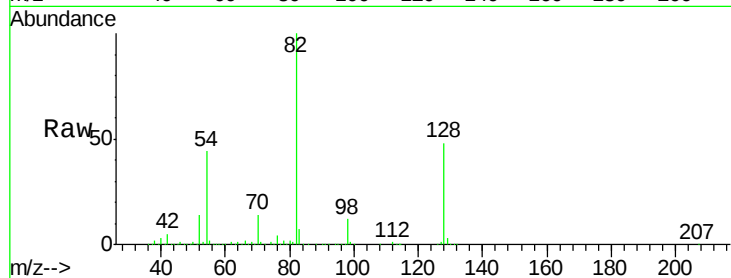




#23
Nitrobenzene-d5
Concen: 70.95 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

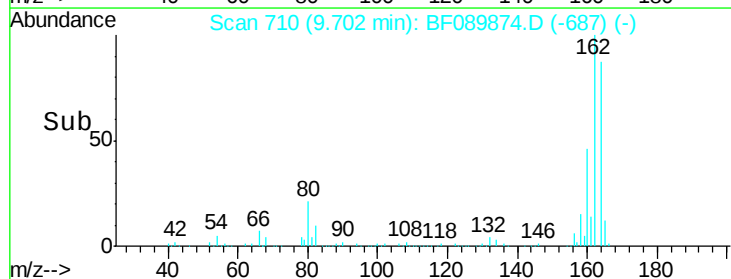
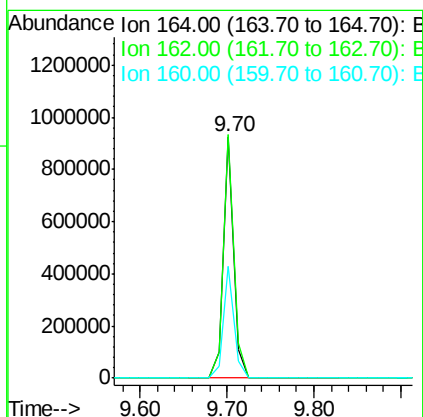
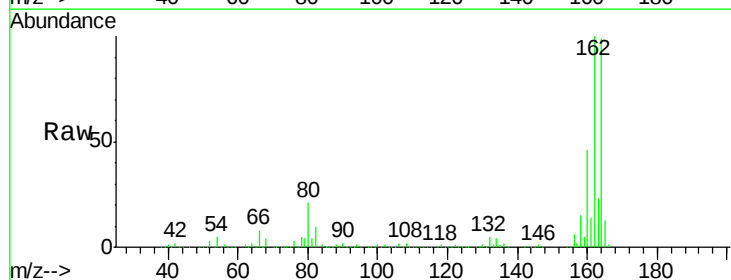
Instrument :
BNA_F
ClientSampled :

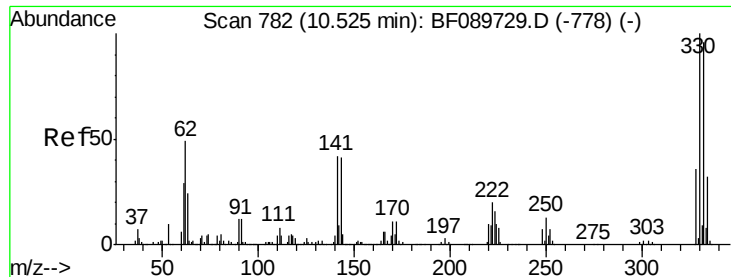
Tot Ion: 82 Resp: 2049930
Ion Ratio Lower Upper
82 100
128 47.9 34.4 51.6
54 44.2 40.3 60.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Tgt Ion:164 Resp: 779627
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.2
160 46.3 37.8 56.6

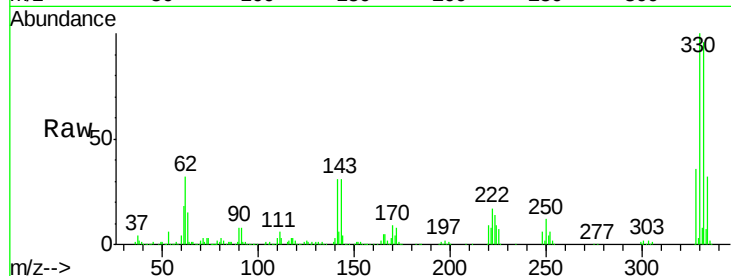




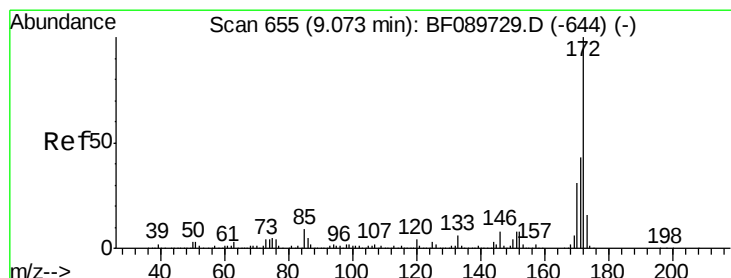
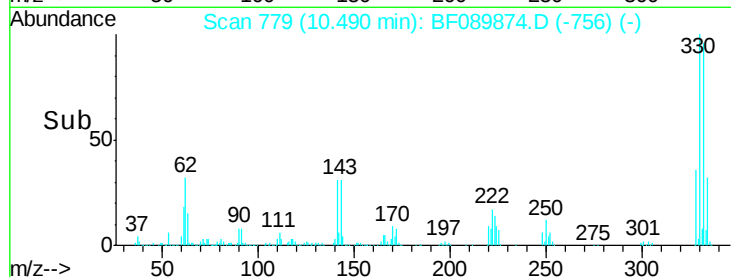
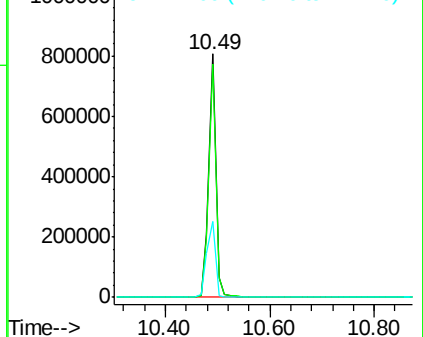
#41
 2,4,6-Tribromophenol
 Concen: 101.98 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 769150
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 37.8 30.2 45.2

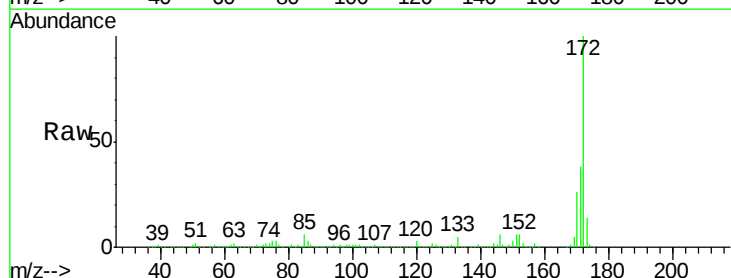


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

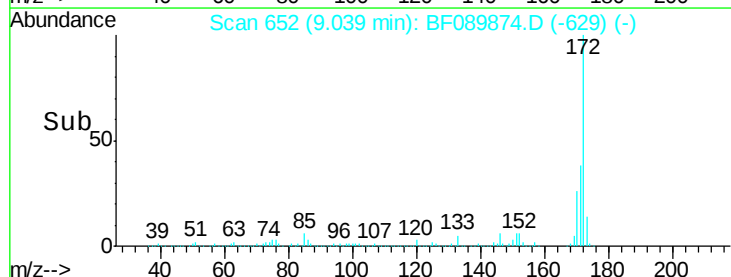
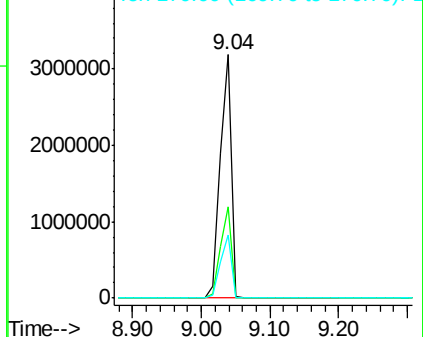


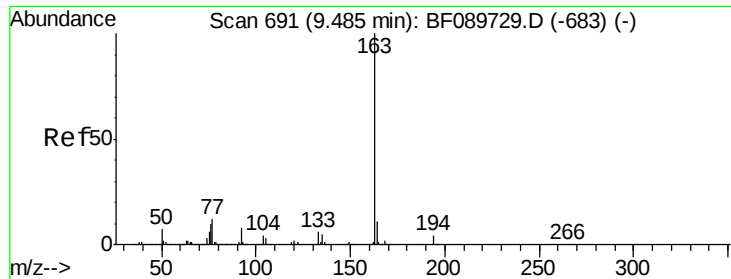
#44
 2-Fluorobiphenyl
 Concen: 74.92 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

Tgt Ion:172 Resp: 3640069
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 26.0 20.6 31.0



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

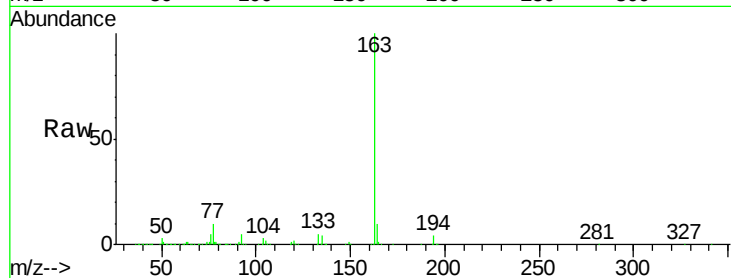




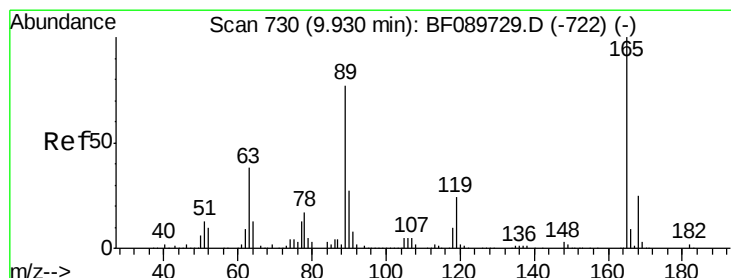
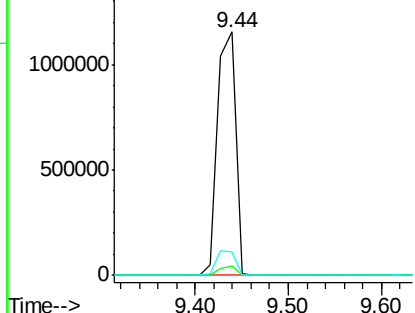
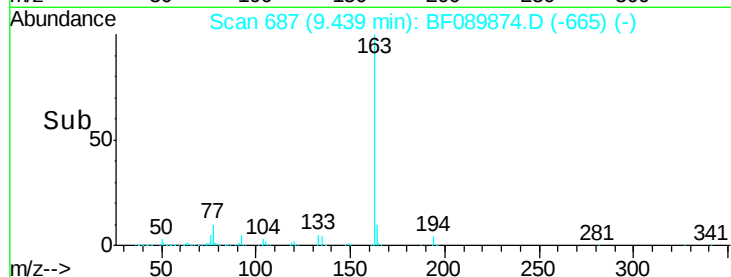
#49
Dimethylphthalate
Concen: 27.55 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1553916
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 9.9 8.6 12.8

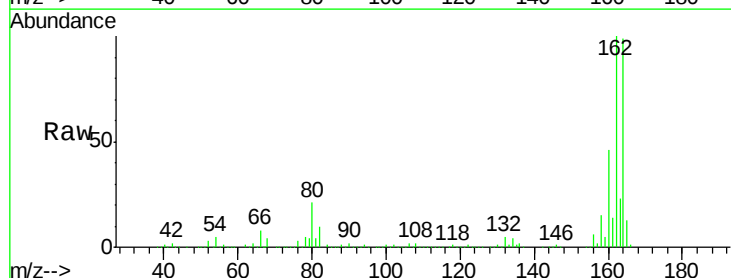


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

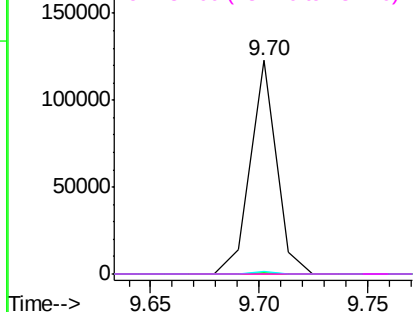
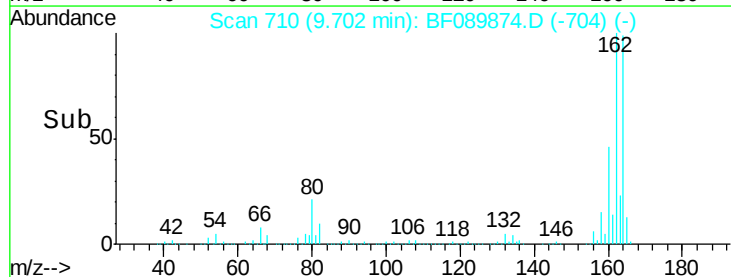


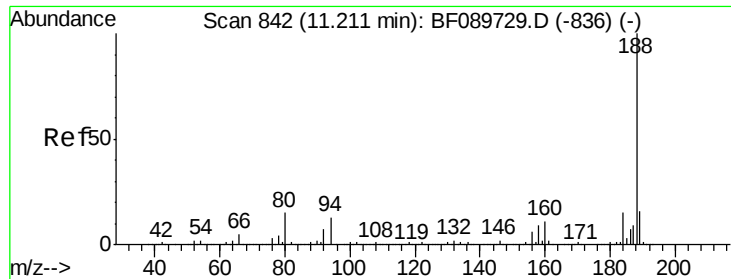
#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.23 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Tgt Ion:165 Resp: 102193
Ion Ratio Lower Upper
165 100
63 0.9 23.7 35.5#
89 1.1 44.0 66.0#
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

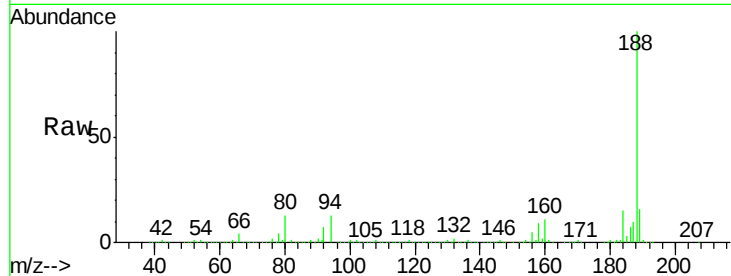




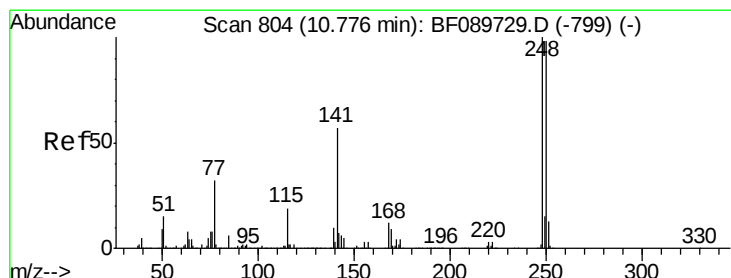
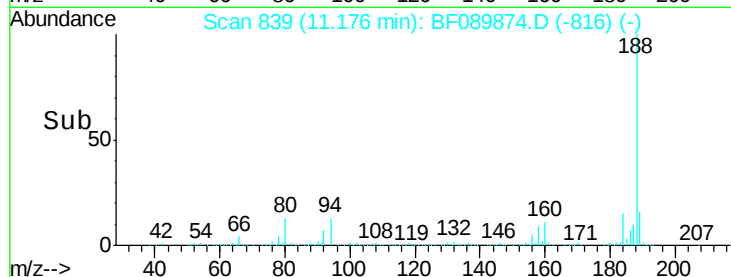
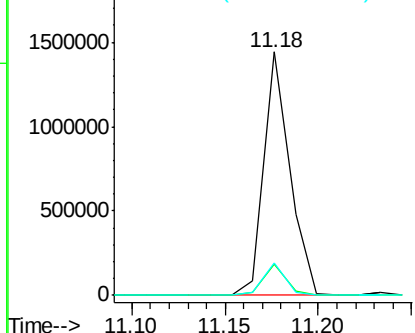
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.03 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1387654
Ion Ratio Lower Upper
188 100
94 12.6 10.2 15.2
80 13.1 10.9 16.3

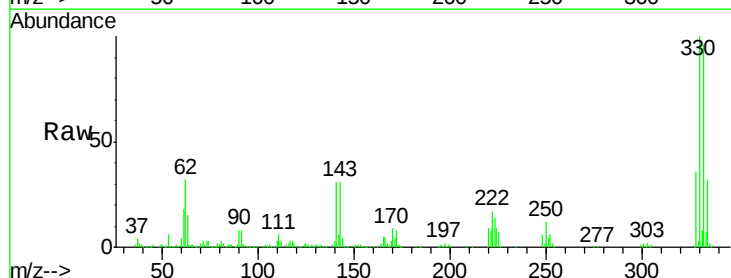


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

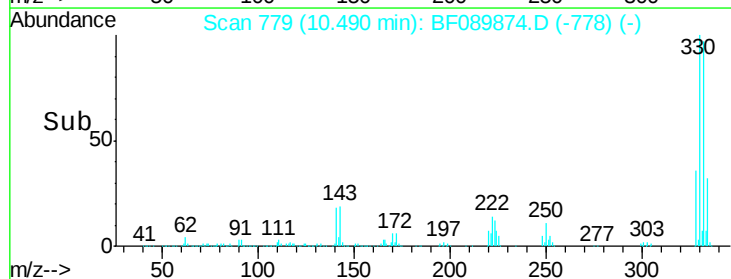
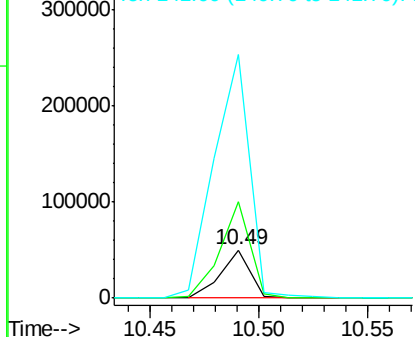


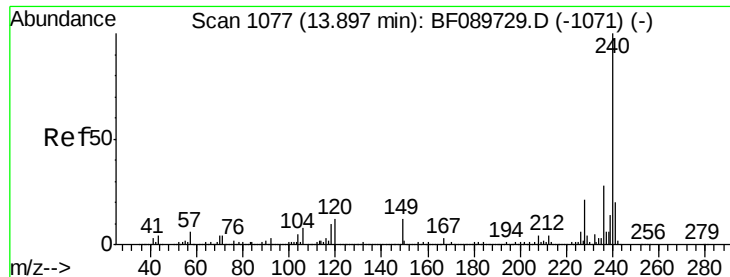
#66
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.29 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Tgt Ion:248 Resp: 47415
Ion Ratio Lower Upper
248 100
250 201.0 78.6 117.8#
141 507.8 31.4 47.2#



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: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

Instrument :

BNA_F

ClientSampleId :

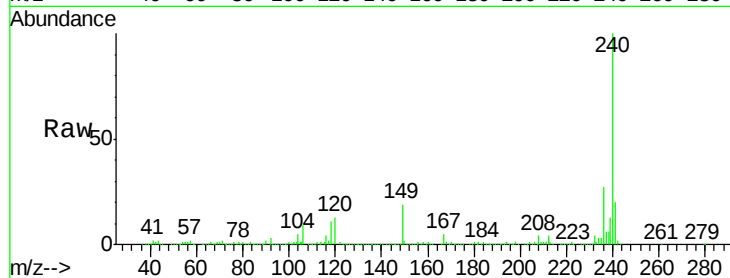
Tot Ion:240 Resp: 1175743

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

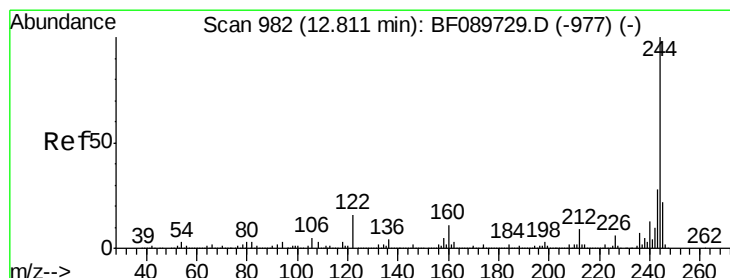
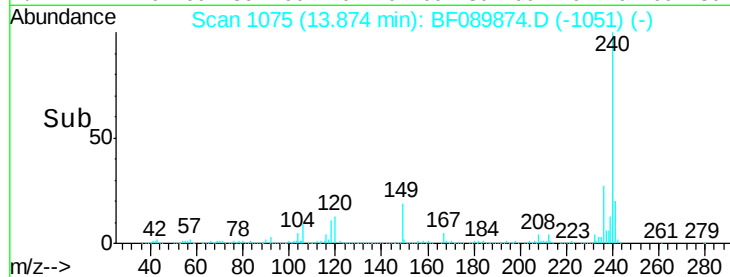
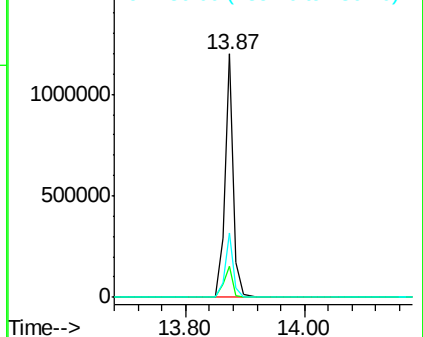
236 26.7 21.3 31.9



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: 75.79 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

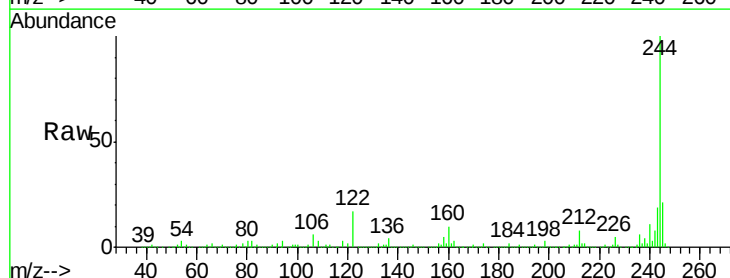
Tgt Ion:244 Resp: 2982765

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

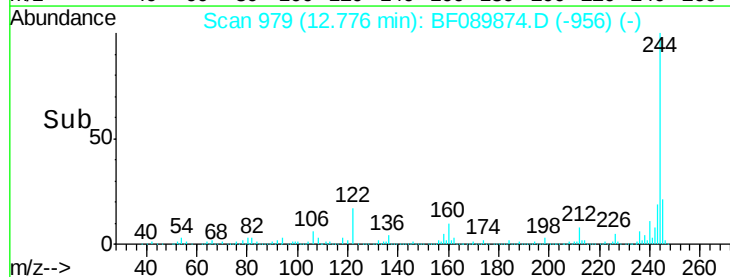
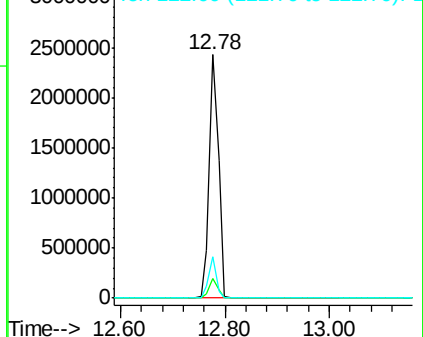
122 16.9 12.0 18.0

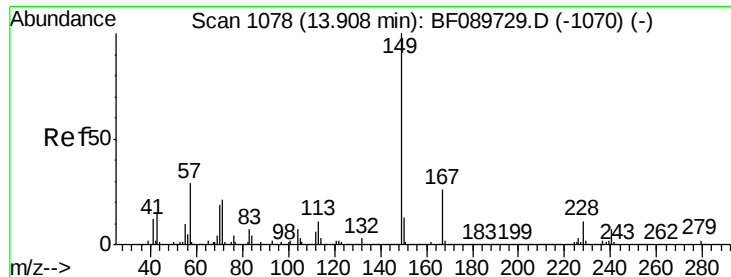


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.71 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

Instrument :

BNA_F

ClientSampleId :

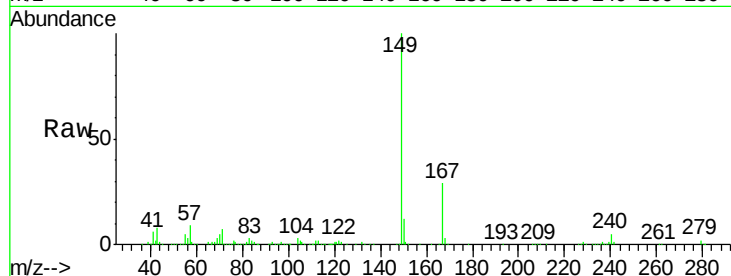
Tot Ion:149 Resp: 598200

Ion Ratio Lower Upper

149 100

167 29.0 21.2 31.8

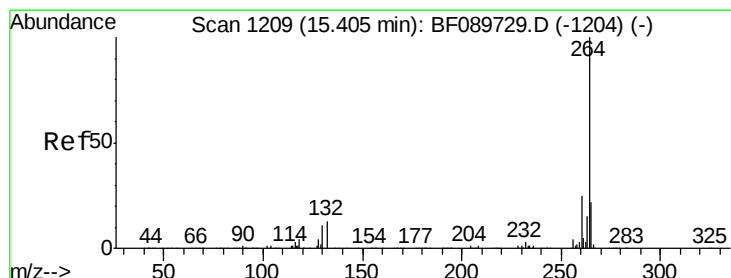
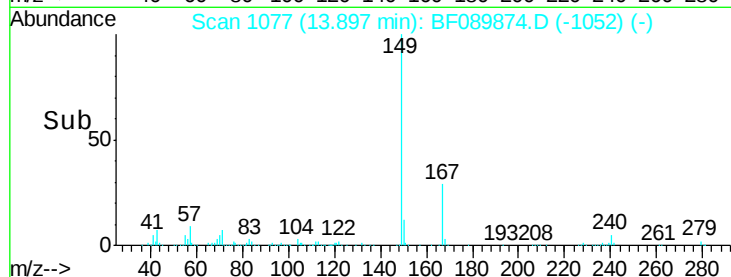
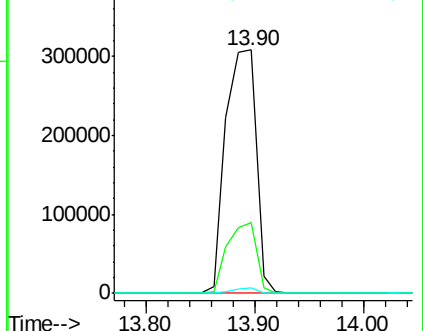
279 2.5 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

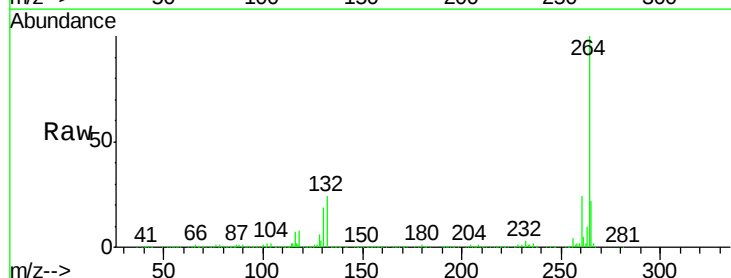
Tgt Ion:264 Resp: 928350

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

265 22.0 17.4 26.2



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

