

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089302.D
 Acq On : 26 Jul 2016 4:46
 Operator : UM/SJ
 Sample : SP3749
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP3749

Quant Time: Jul 26 05:35:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

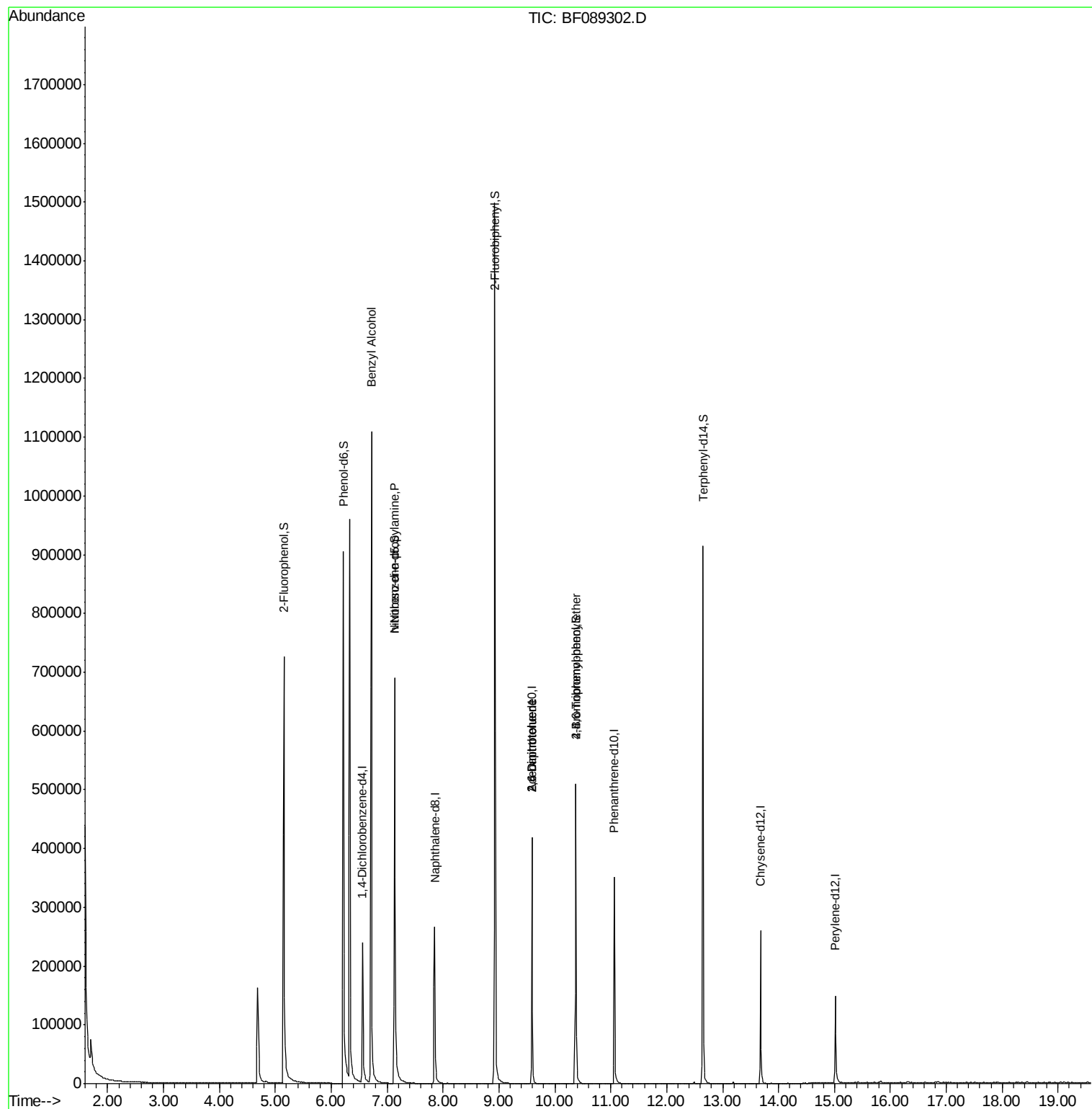
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	48218	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	196618	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	88867	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	149657	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	97444	20.00	ng	-0.01
86) Perylene-d12	15.02	264	74747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	314774	99.29	ng	0.01
7) Phenol-d6	6.22	99	392328	95.96	ng	-0.01
23) Nitrobenzene-d5	7.13	82	360266	97.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	62322	77.89	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	609343	94.47	ng	-0.01
78) Terphenyl-d14	12.65	244	435146	96.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.22	77	358	Below Cal	#	1
15) Benzyl Alcohol	6.72	79	6462	2.16 ng	#	47
19) n-Nitroso-di-n-propylamine	7.13	70	46273	17.30 ng	#	83
50) 2,6-Dinitrotoluene	9.59	165	10817	7.03 ng	#	28
56) 2,4-Dinitrotoluene	9.59	165	10817	5.45 ng	#	10
66) 4-Bromophenyl-phenylether	10.38	248	4523	3.05 ng	#	1

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

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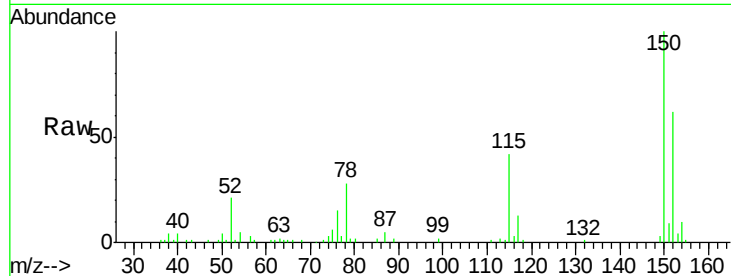




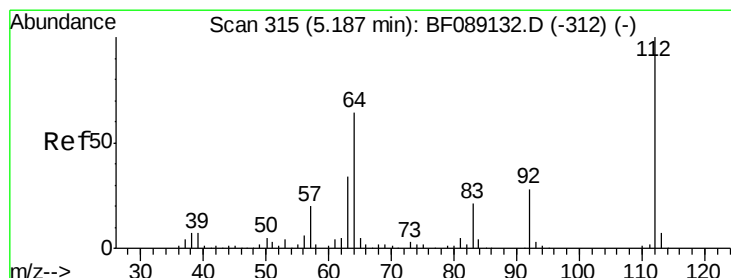
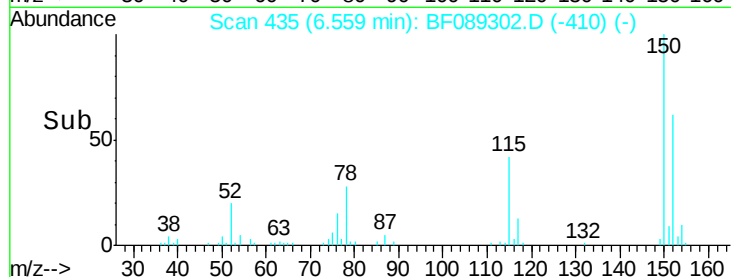
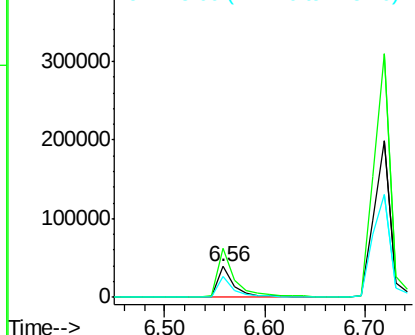
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089302.D
 Acq: 26 Jul 2016 4:46

Instrument :
 BNA_F
 ClientSampled :
 SP3749

Tgt Ion:152 Resp: 48218
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.1 187.7
 115 66.6 51.1 76.7

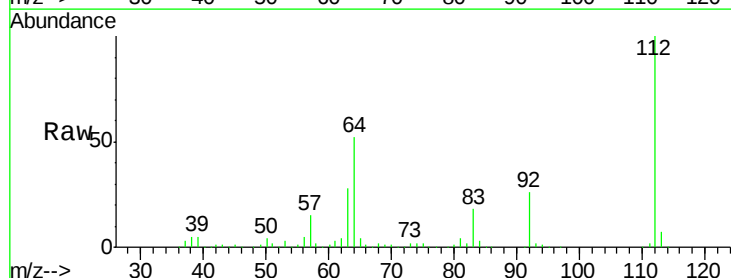


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

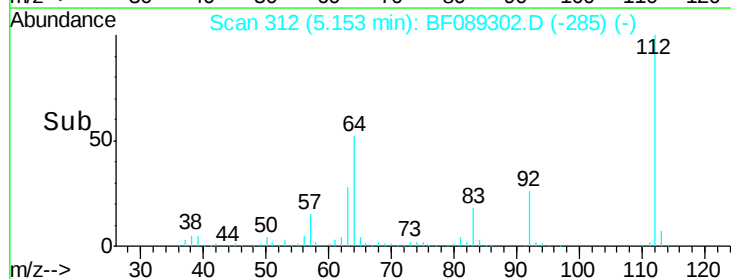
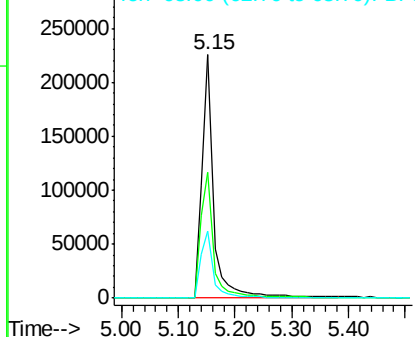


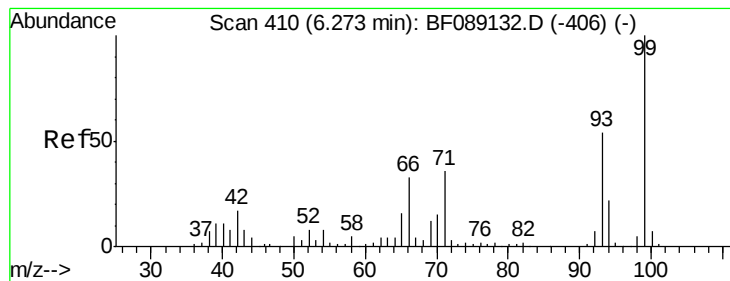
#5
 2-Fluorophenol
 Concen: 99.29 ng
 RT: 5.15 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF089302.D
 Acq: 26 Jul 2016 4:46

Tgt Ion:112 Resp: 314774
 Ion Ratio Lower Upper
 112 100
 64 51.6 51.0 76.4
 63 27.6 27.3 40.9



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: 95.96 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089302.D

Acq: 26 Jul 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SP3749

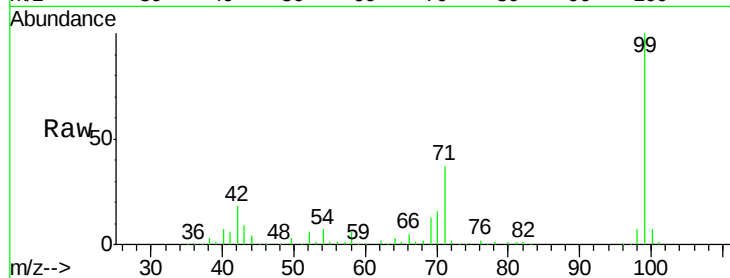
Tgt Ion: 99 Resp: 392328

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

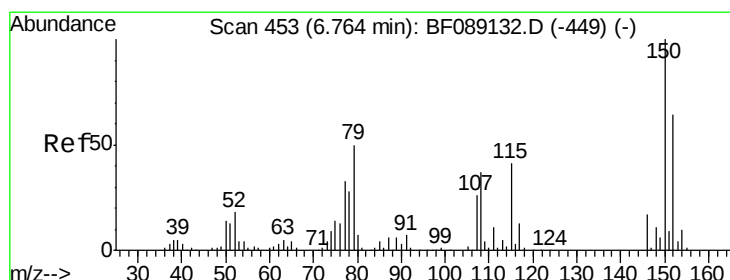
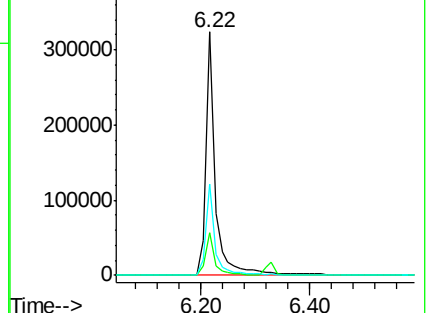
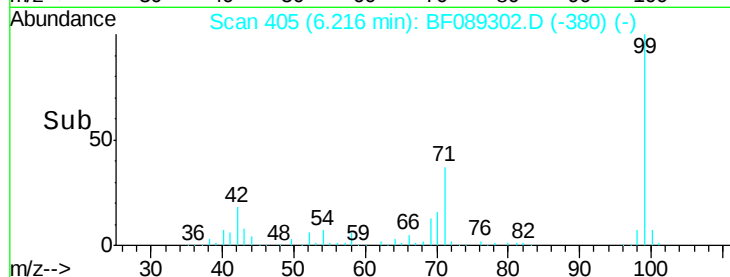
71 37.3 28.9 43.3



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: 2.16 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF089302.D

Acq: 26 Jul 2016 4:46

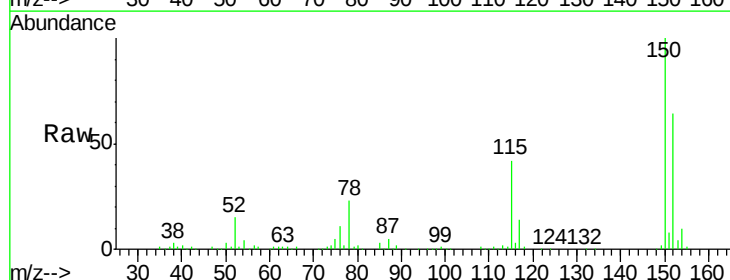
Tgt Ion: 79 Resp: 6462

Ion Ratio Lower Upper

79 100

108 35.3 58.2 87.4#

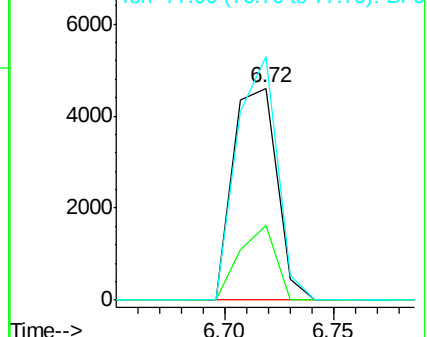
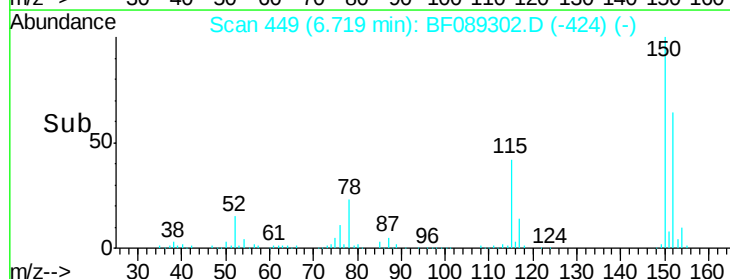
77 114.9 52.2 78.4#

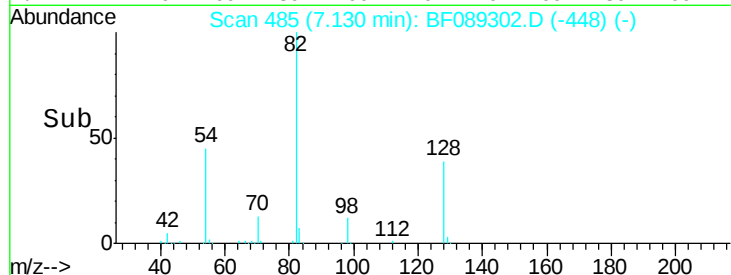
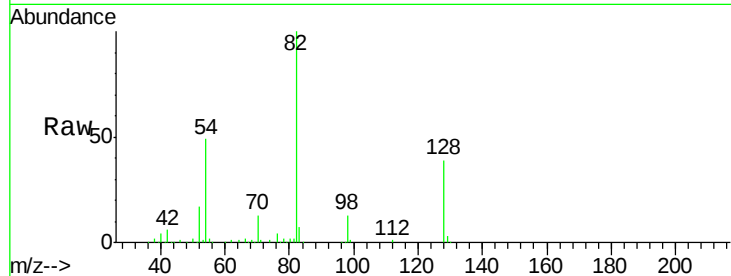
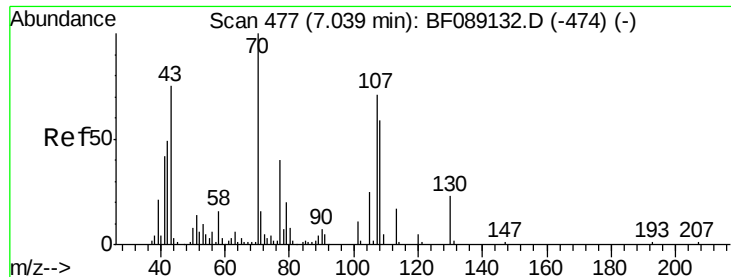


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

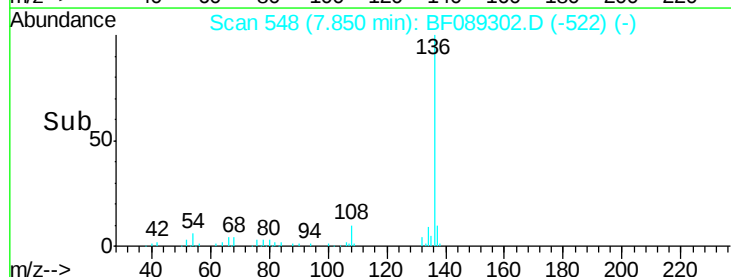
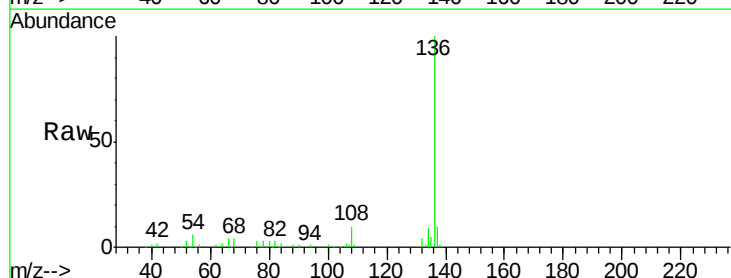
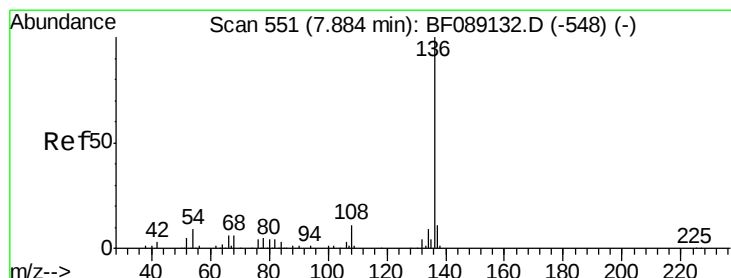
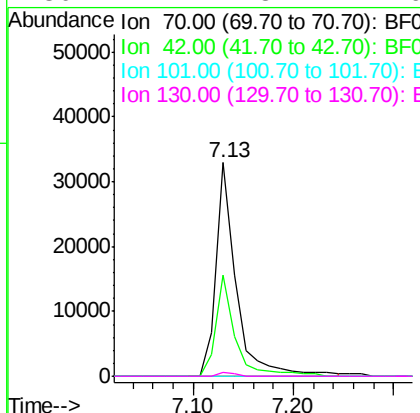




#19
n-Nitroso-di-n-propylamine
Concen: 17.30 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.13 min
Lab File: BF089302.D
Acq: 26 Jul 2016 4:46

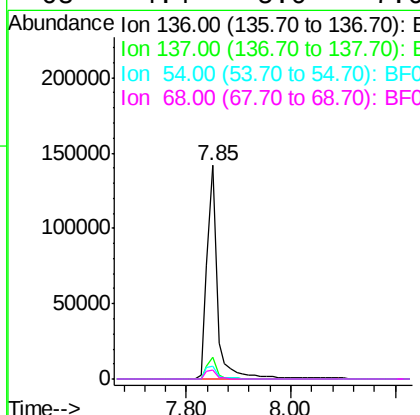
Instrument :
BNA_F
ClientSampleId :
SP3749

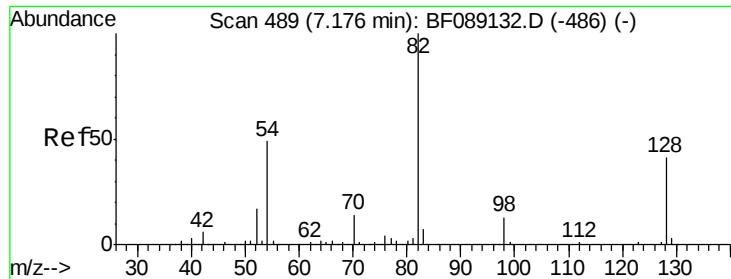
Tgt Ion: 70 Resp: 46273
Ion Ratio Lower Upper
70 100
42 47.3 39.2 58.8
101 0.0 8.5 12.7#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF089302.D
Acq: 26 Jul 2016 4:46

Tgt Ion: 136 Resp: 196618
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 5.8 7.0 10.4#
68 4.4 5.0 7.6#

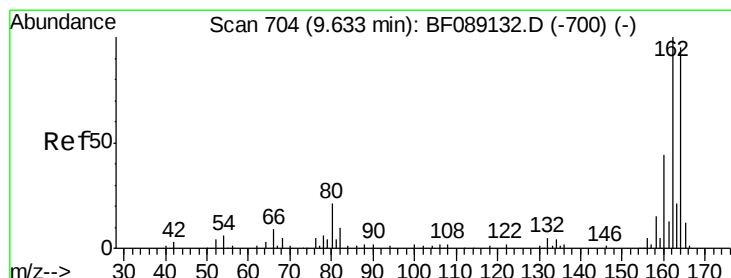
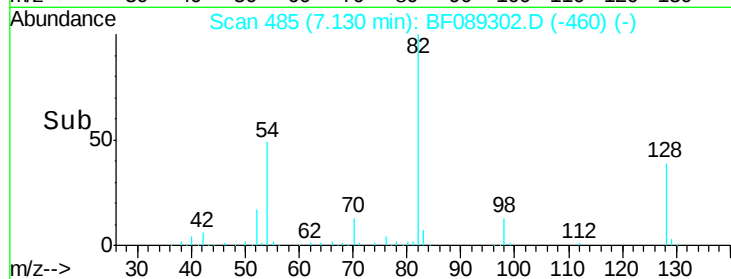
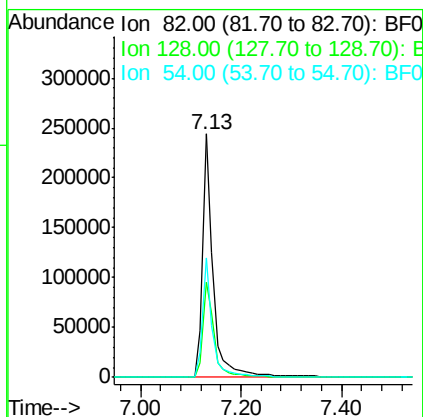
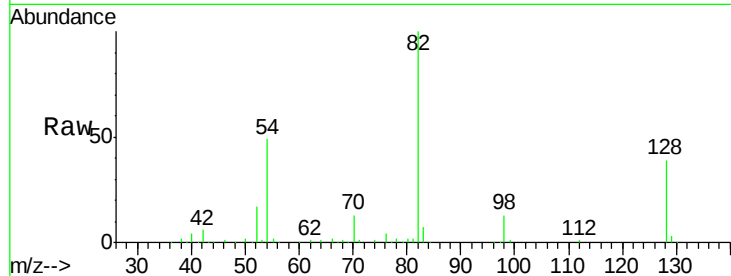




#23
 Nitrobenzene-d5
 Concen: 97.36 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089302.D
 Acq: 26 Jul 2016 4:46

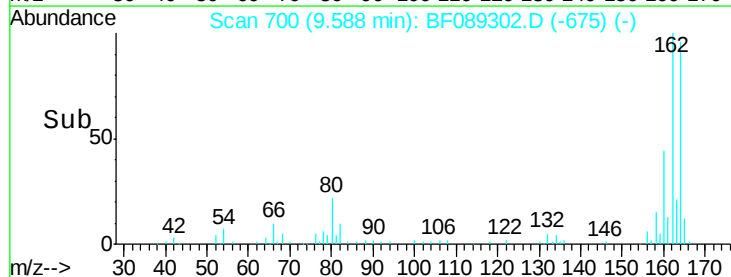
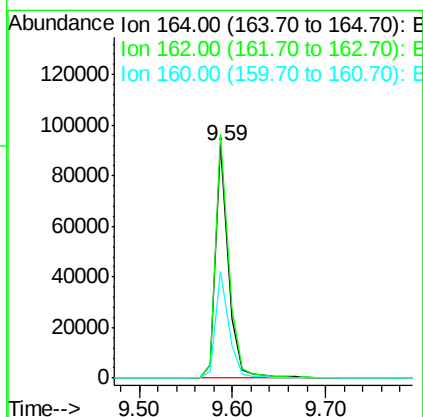
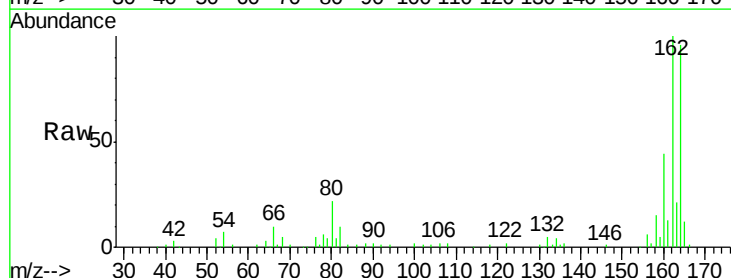
Instrument :
 BNA_F
 ClientSampleId :
 SP3749

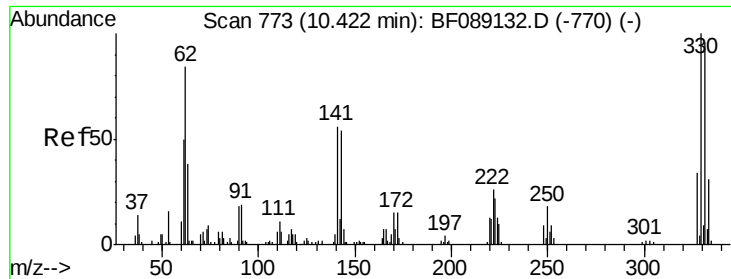
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.0	49.6
54	48.9	39.0	58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089302.D
 Acq: 26 Jul 2016 4:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.1	126.1
160	45.6	37.1	55.7

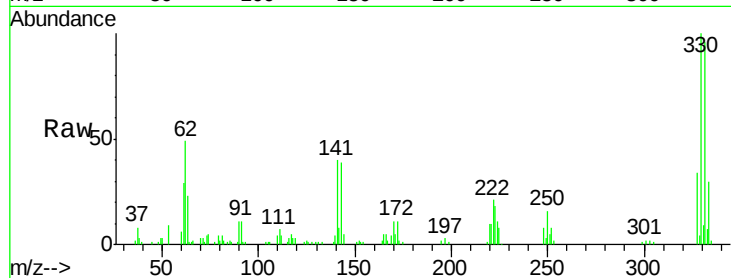




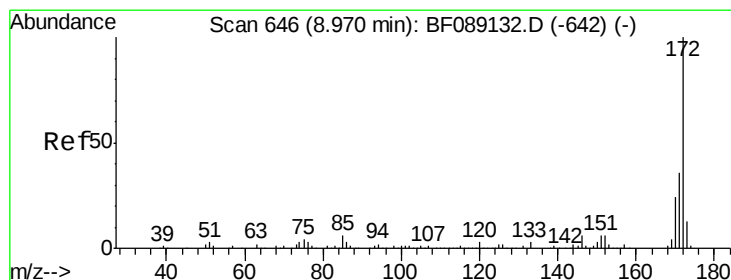
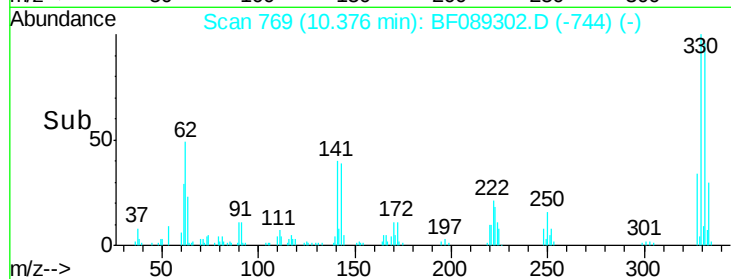
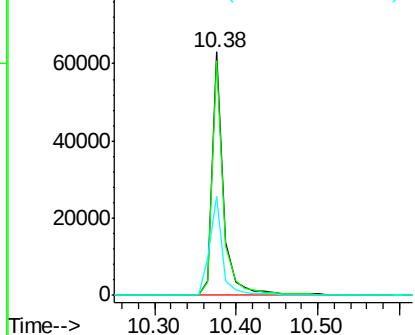
#41
 2,4,6-Tribromophenol
 Concen: 77.89 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089302.D
 Acq: 26 Jul 2016 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SP3749

Tgt Ion:330 Resp: 62322
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.2 115.8
 141 46.6 42.2 63.2

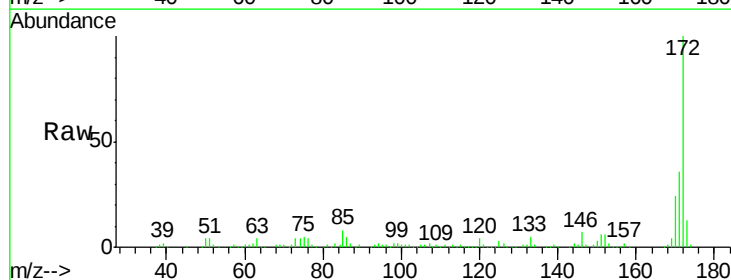


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

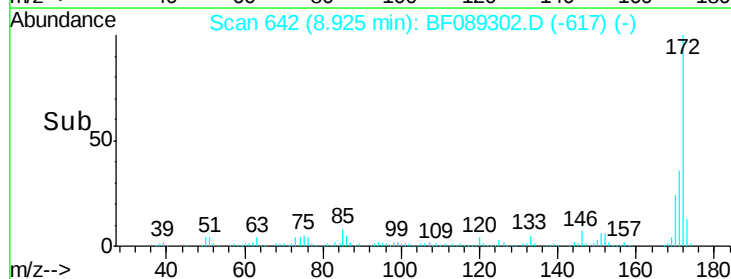
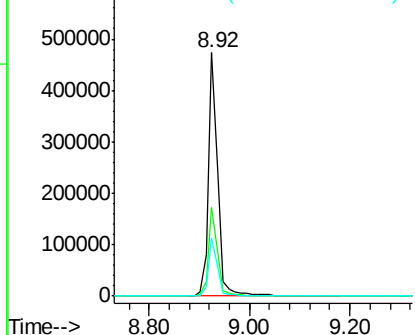


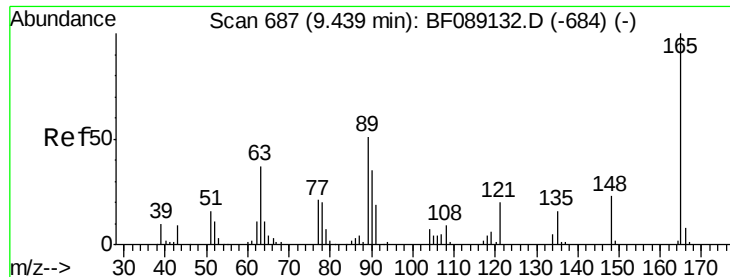
#44
 2-Fluorobiphenyl
 Concen: 94.47 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089302.D
 Acq: 26 Jul 2016 4:46

Tgt Ion:172 Resp: 609343
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.9 19.1 28.7



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

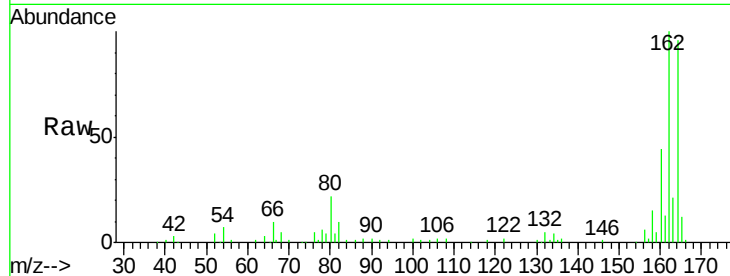




#50
 2,6-Dinitrotoluene
 Concen: 7.03 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.18 min
 Lab File: BF089302.D
 Acq: 26 Jul 2016 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SP3749

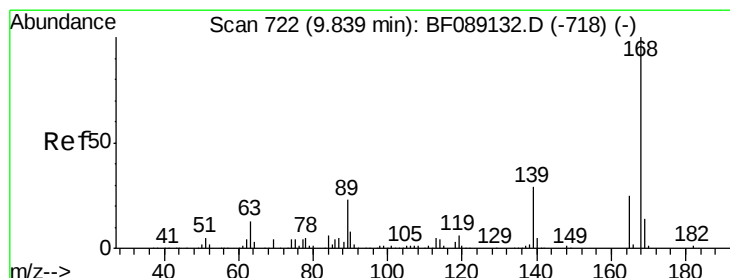
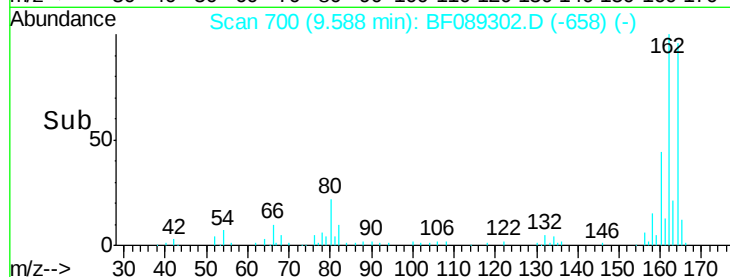
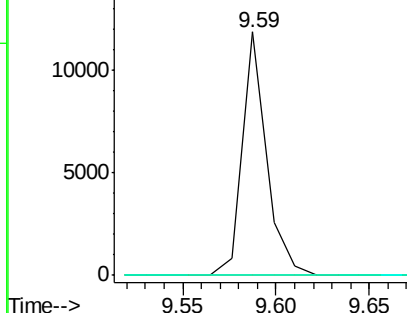
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.0	55.4#
89	0.0	40.9	61.3#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.45 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089302.D
 Acq: 26 Jul 2016 4:46

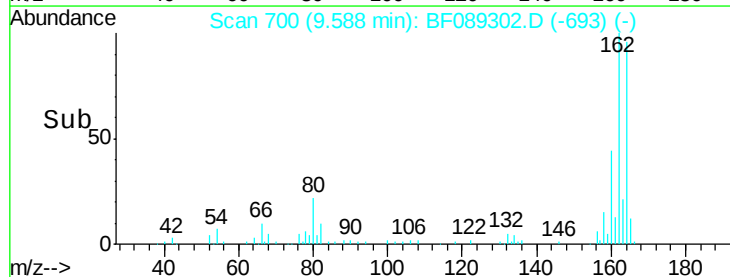
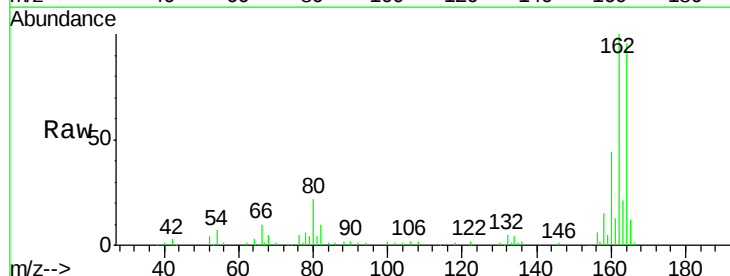
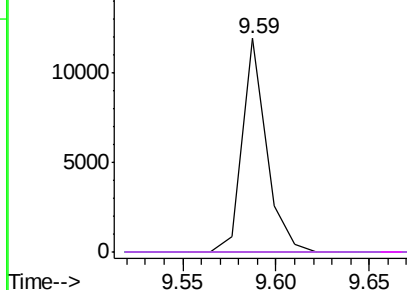
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

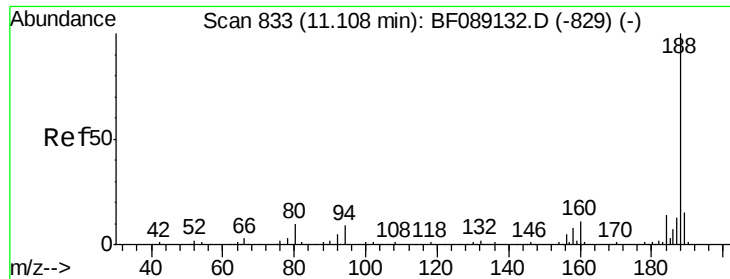
Abundance Ion 165.00 (164.70 to 165.70): E

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

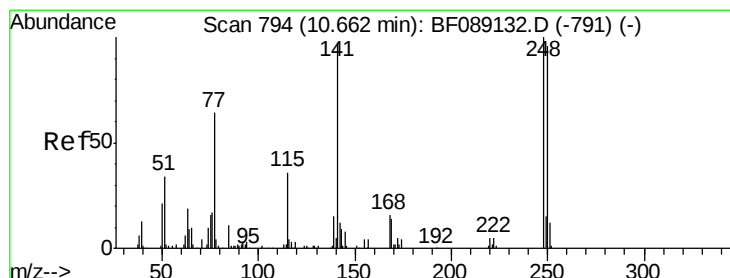
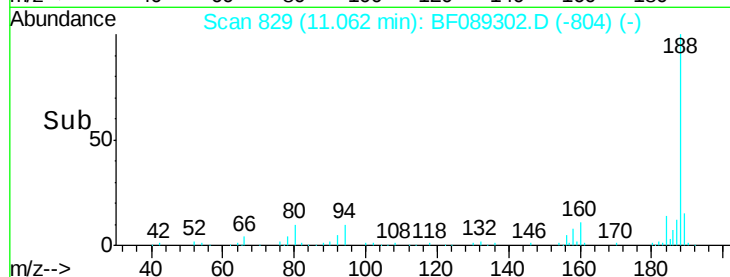
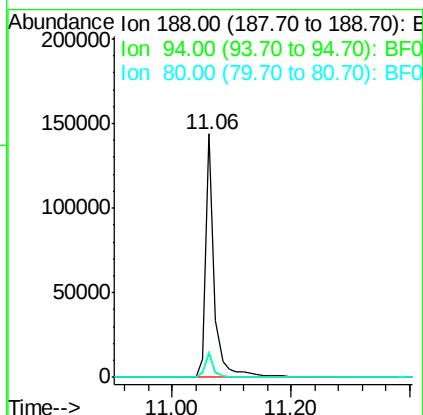
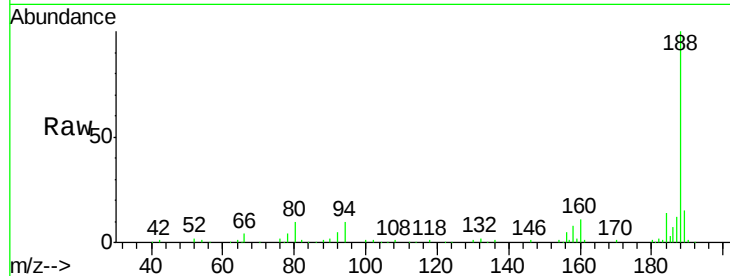




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089302.D
Acq: 26 Jul 2016 4:46

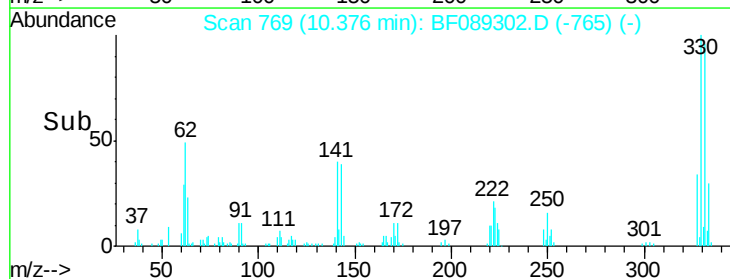
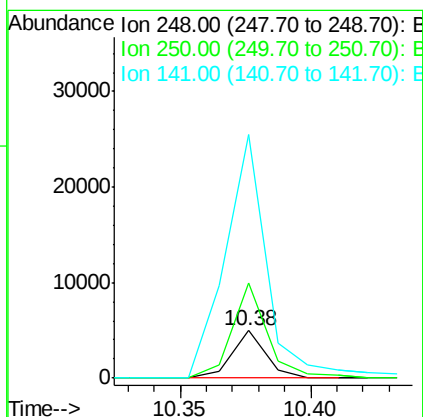
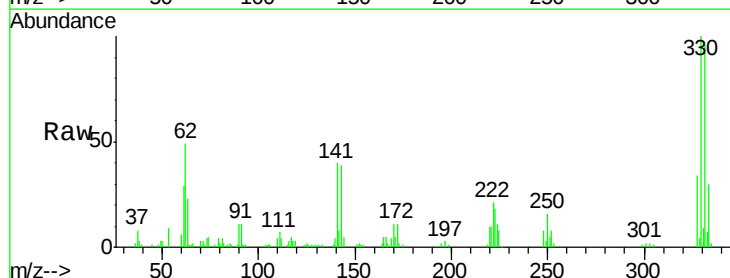
Instrument :
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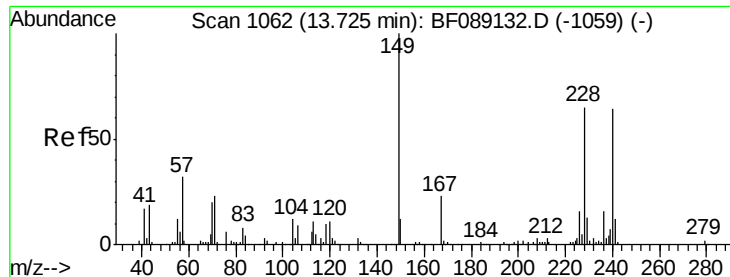
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	10.5	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.25 min
Lab File: BF089302.D
Acq: 26 Jul 2016 4:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.4	76.9	115.3#
141	514.3	77.4	116.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089302.D

Acq: 26 Jul 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SP3749

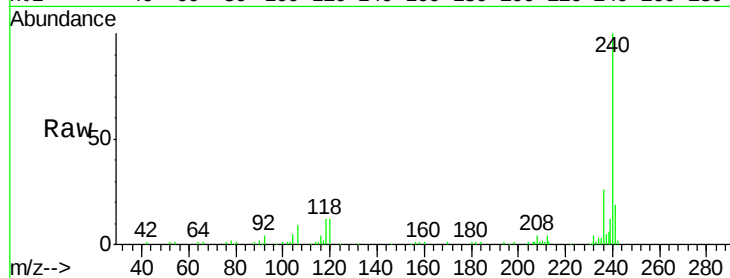
Tgt Ion:240 Resp: 97444

Ion Ratio Lower Upper

240 100

120 12.3 13.6 20.4#

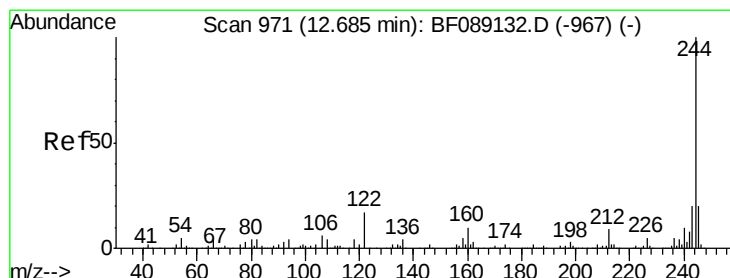
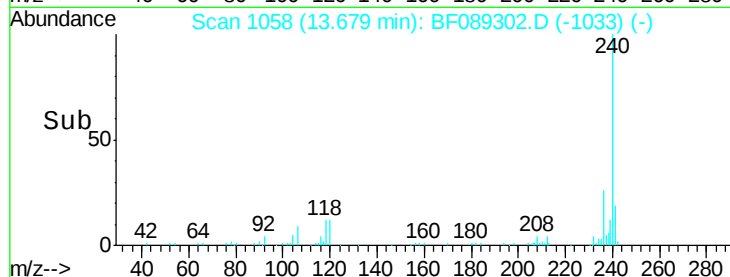
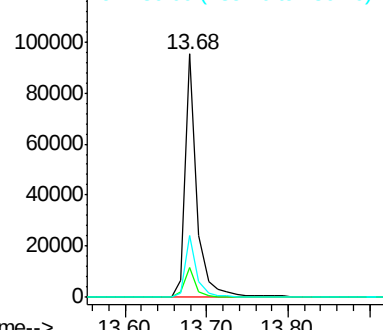
236 25.6 20.5 30.7



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: 96.86 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF089302.D

Acq: 26 Jul 2016 4:46

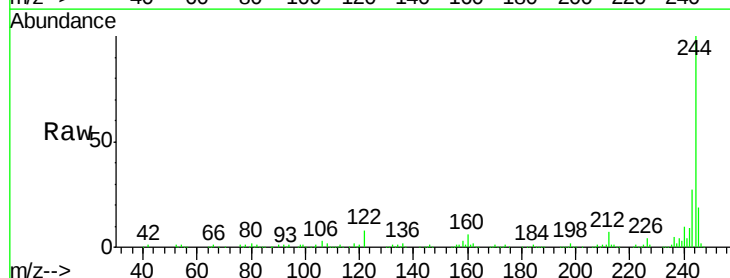
Tgt Ion:244 Resp: 435146

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

122 8.1 13.8 20.8#



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

