

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089165.D
 Acq On : 21 Jul 2016 7:47
 Operator : UM/SJ
 Sample : H4019-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-31

Quant Time: Jul 21 08:15:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

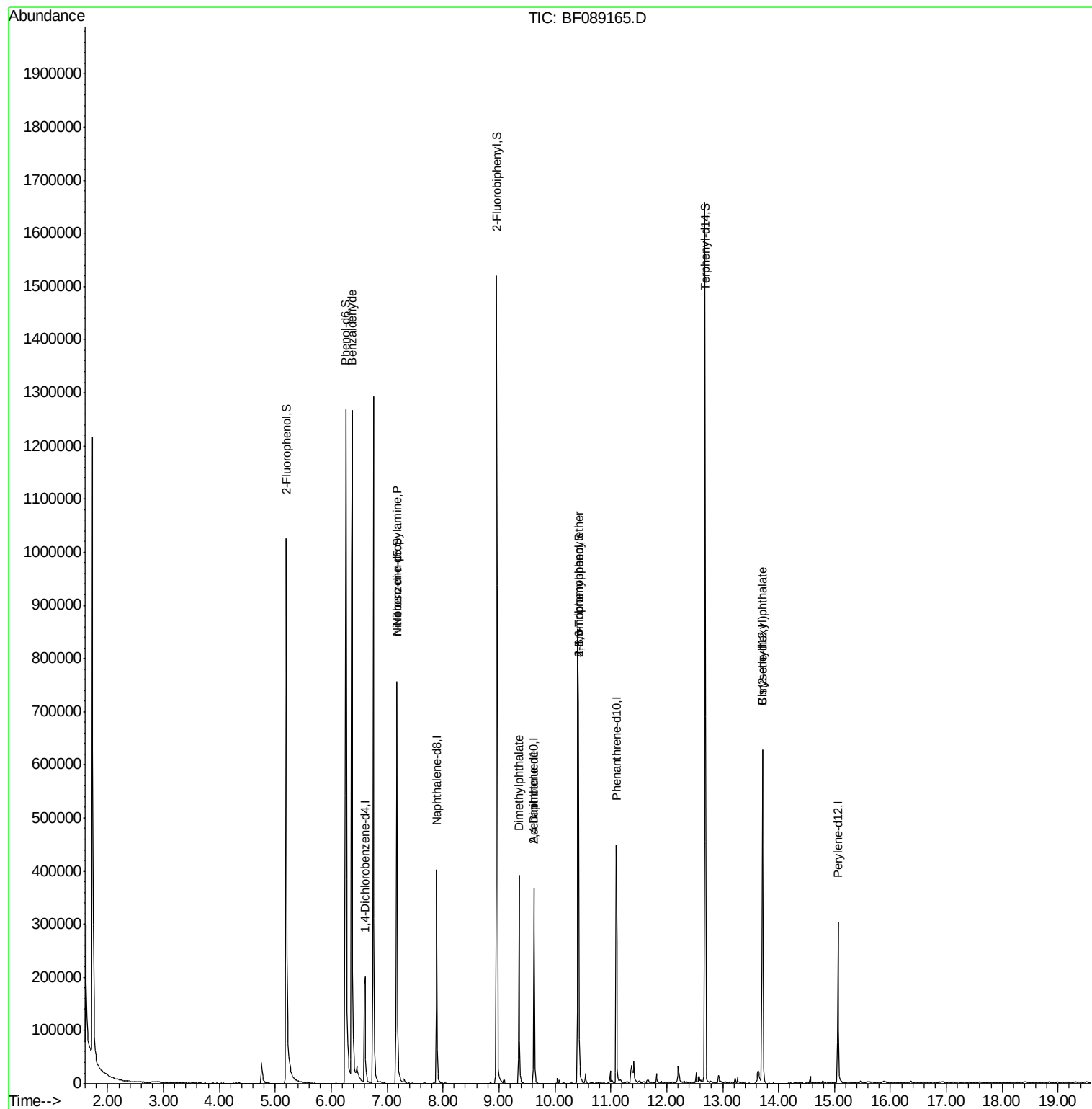
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	52557	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	231247	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	106083	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	216005	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	154286	20.00	ng	-0.01
86) Perylene-d12	15.06	264	123211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	502804	145.50	ng	0.01
7) Phenol-d6	6.26	99	646983	145.18	ng	-0.01
23) Nitrobenzene-d5	7.18	82	414513	95.24	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	147089	154.00	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	708717	92.05	ng	-0.01
78) Terphenyl-d14	12.69	244	620210	87.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	12359	4.00	ng	81
19) n-Nitroso-di-n-propylamine	7.18	70	54635	18.74	ng	# 78
49) Dimethylphthalate	9.36	163	174167	21.39	ng	98
56) 2,4-Dinitrotoluene	9.62	165	12947	5.47	ng	# 10
66) 4-Bromophenyl-phenylether	10.42	248	10833	5.07	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.71	149	189687	26.53	ng	95

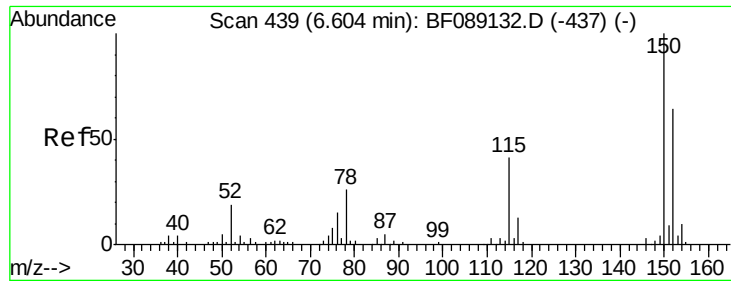
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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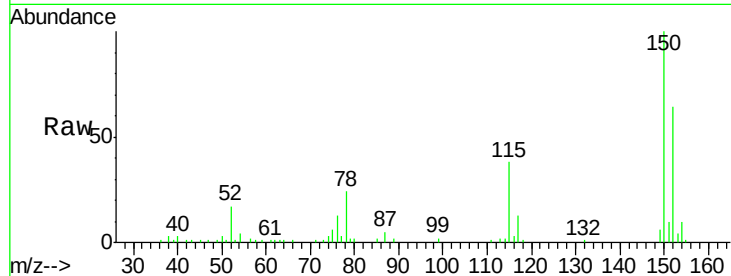




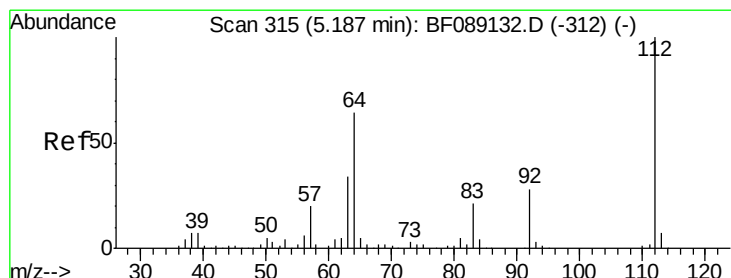
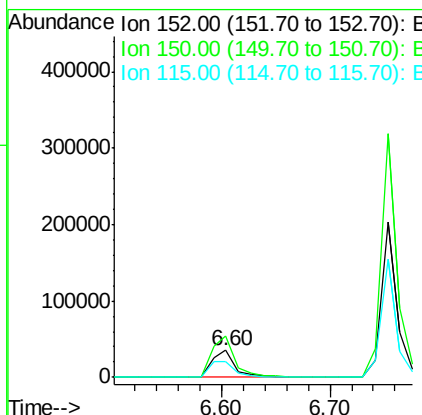
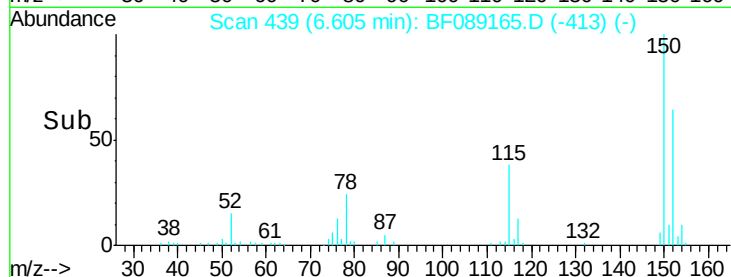
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-31

Tgt Ion:152 Resp: 52557
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.1 187.7
 115 59.3 51.1 76.7

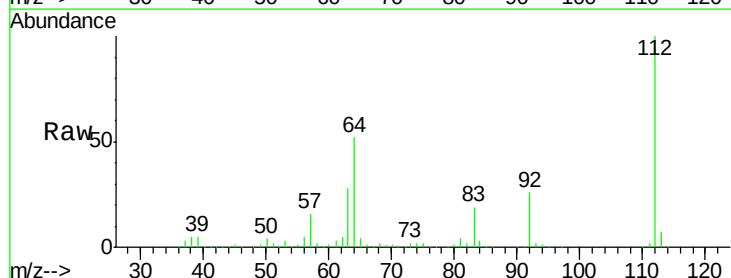


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

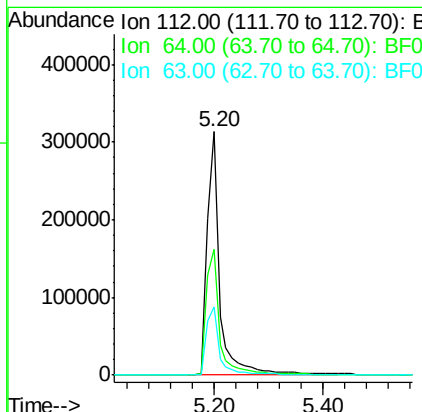
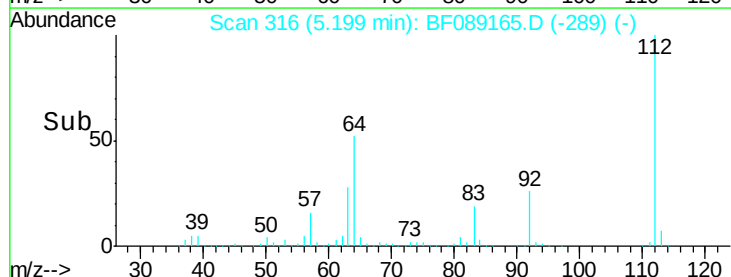


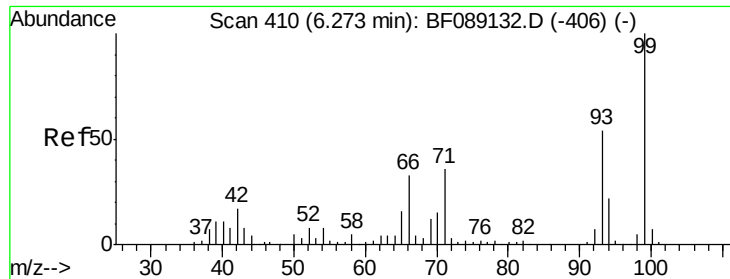
#5
 2-Fluorophenol
 Concen: 145.50 ng
 RT: 5.20 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Tgt Ion:112 Resp: 502804
 Ion Ratio Lower Upper
 112 100
 64 51.8 51.0 76.4
 63 28.3 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: 145.18 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-31

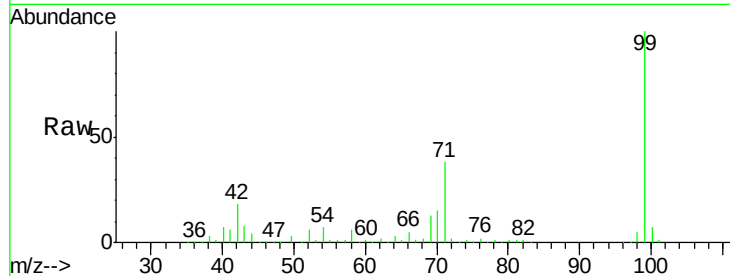
Tgt Ion: 99 Resp: 646983

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

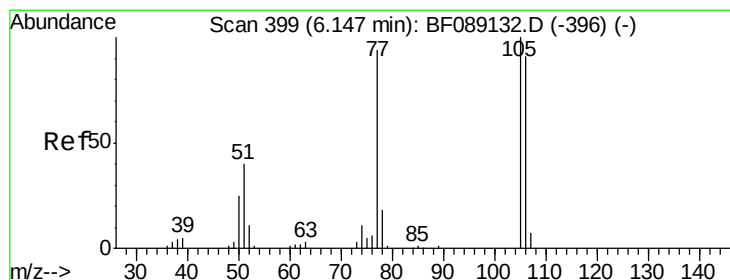
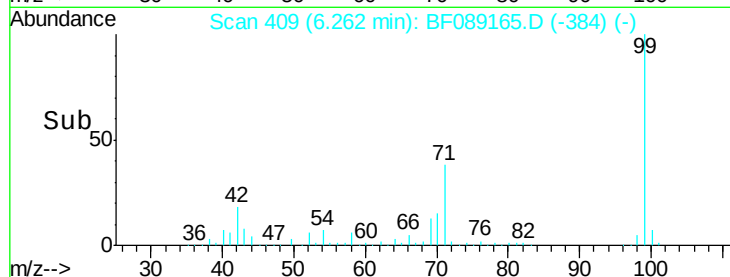
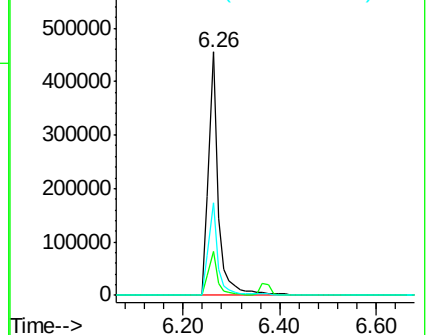
71 38.2 28.9 43.3



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



#9

Benzaldehyde

Concen: 4.00 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

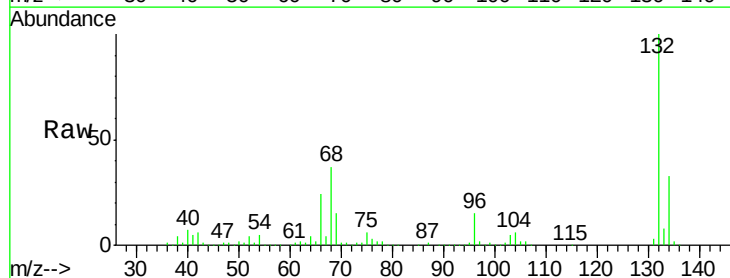
Tgt Ion: 77 Resp: 12359

Ion Ratio Lower Upper

77 100

105 86.5 86.2 126.2

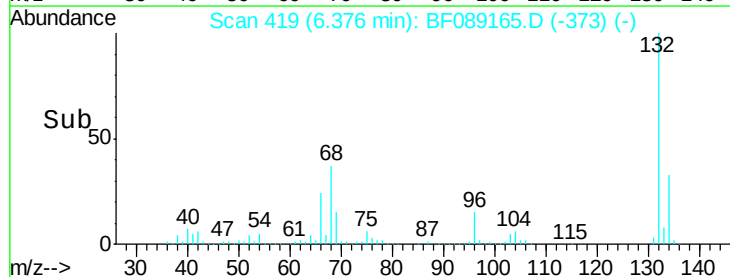
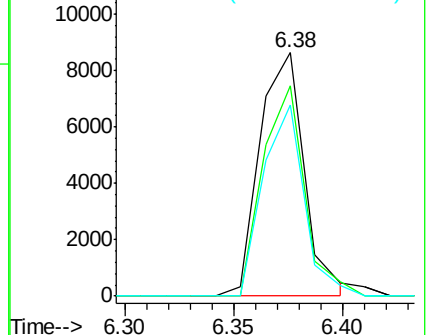
106 78.4 76.3 116.3

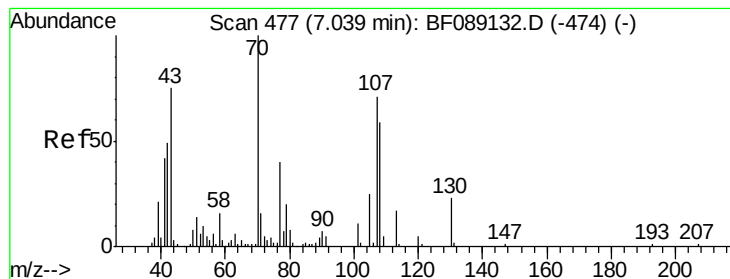


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.74 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.14 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-31

Tgt Ion: 70 Resp: 54635

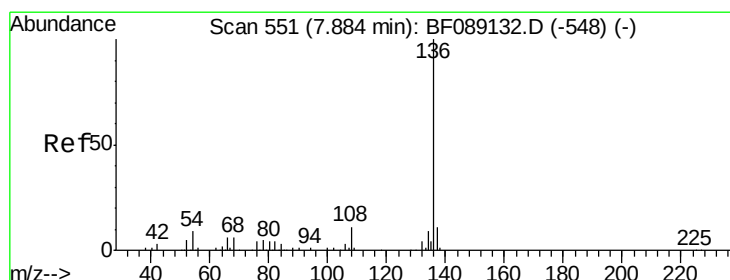
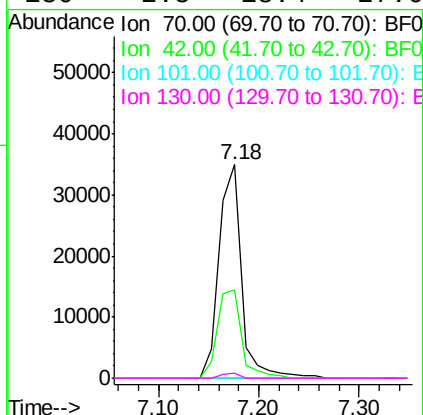
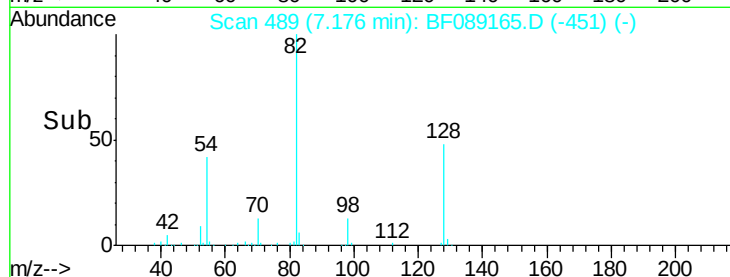
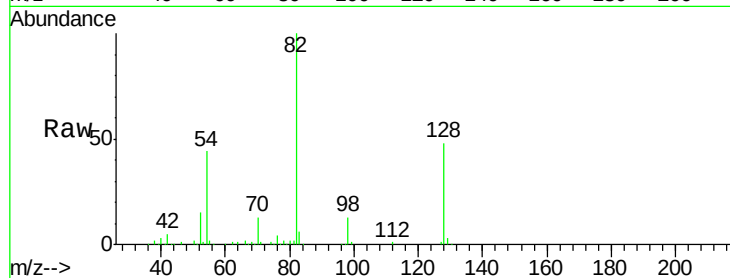
Ion Ratio Lower Upper

70 100

42 41.6 39.2 58.8

101 0.0 8.5 12.7#

130 2.5 18.4 27.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

Tgt Ion: 136 Resp: 231247

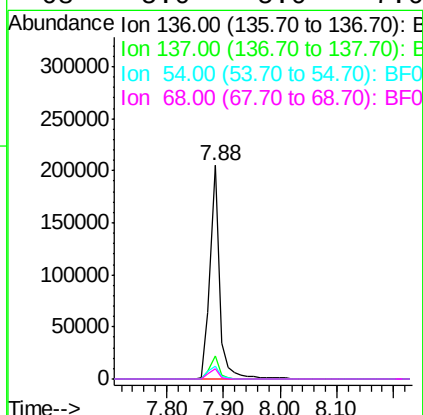
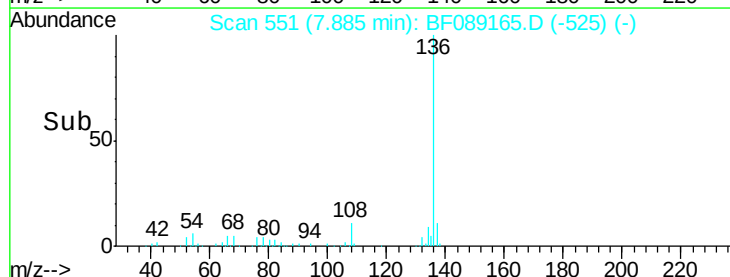
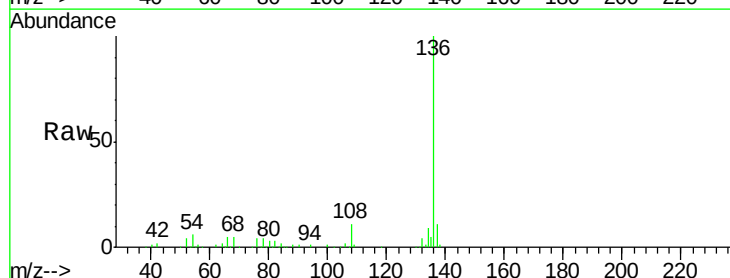
Ion Ratio Lower Upper

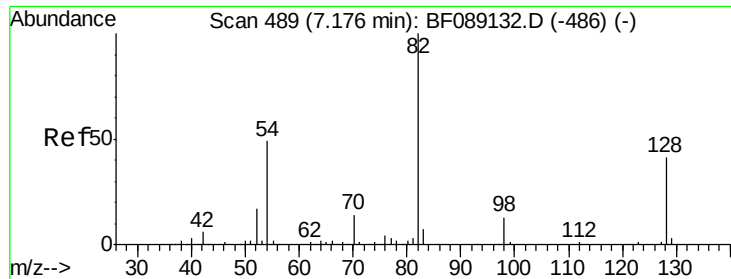
136 100

137 10.6 8.8 13.2

54 6.2 7.0 10.4#

68 5.0 5.0 7.6#

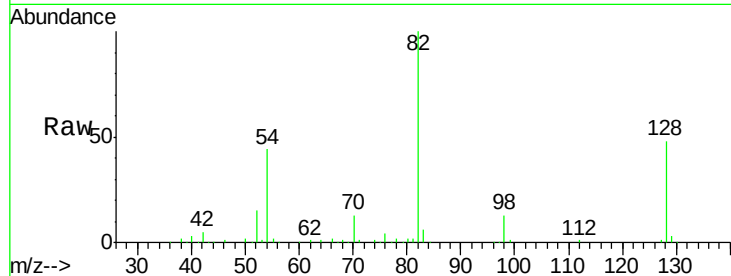




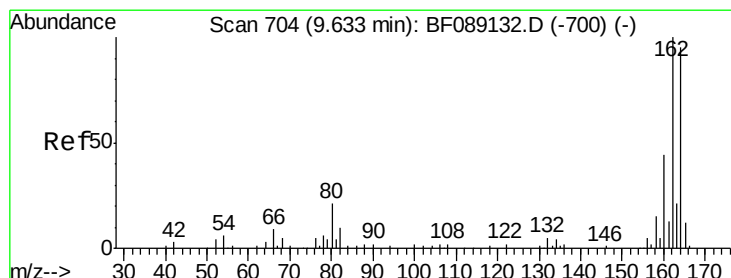
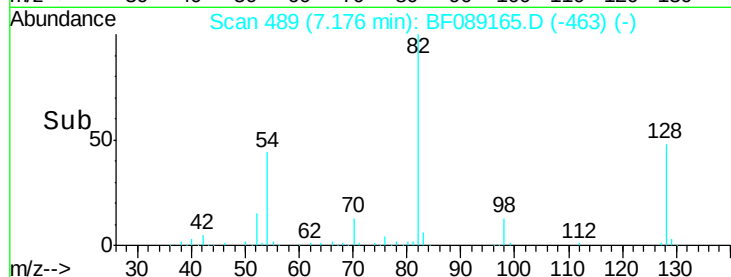
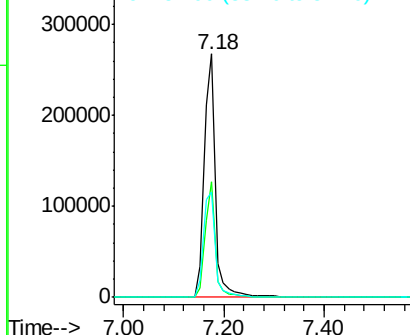
#23
 Nitrobenzene-d5
 Concen: 95.24 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-31

Tgt Ion: 82 Resp: 414513
 Ion Ratio Lower Upper
 82 100
 128 47.6 33.0 49.6
 54 43.5 39.0 58.4

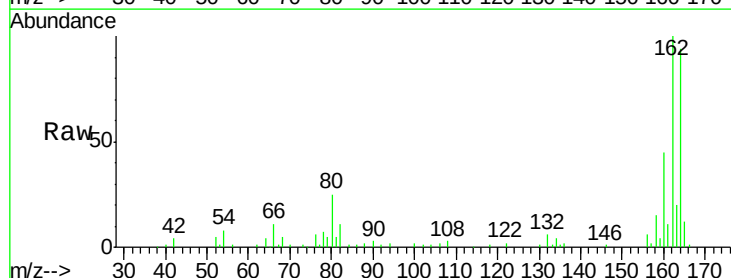


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

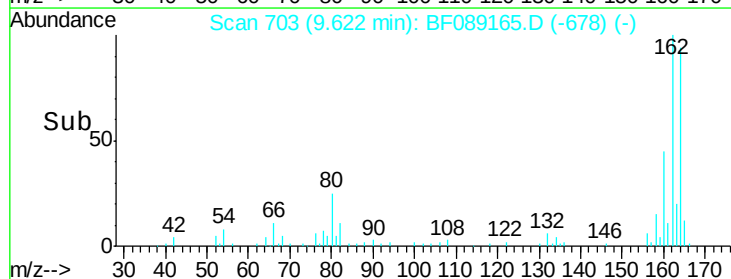
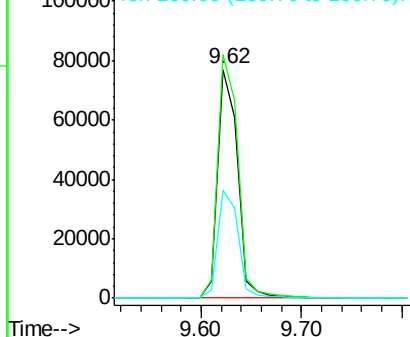


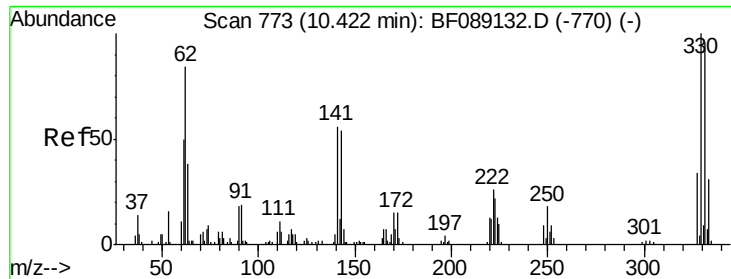
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Tgt Ion: 164 Resp: 106083
 Ion Ratio Lower Upper
 164 100
 162 106.5 84.1 126.1
 160 47.4 37.1 55.7



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

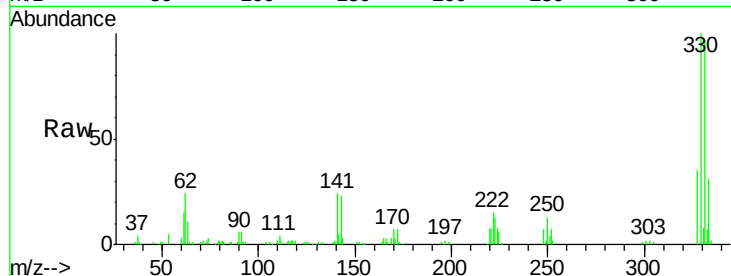




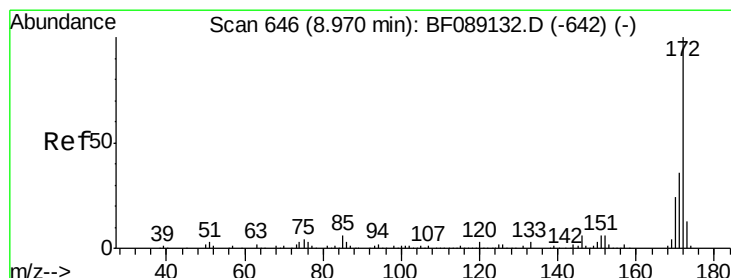
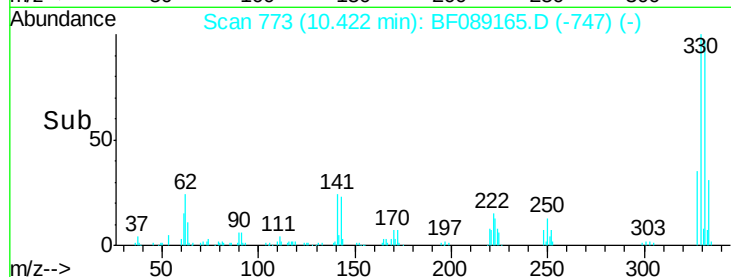
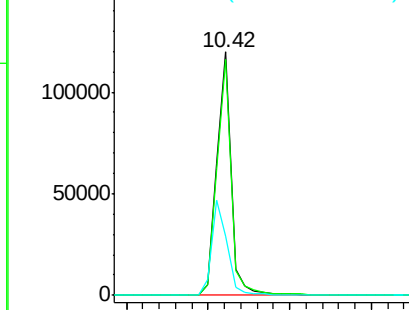
#41
 2,4,6-Tribromophenol
 Concen: 154.00 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Instrument :
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 ClientSampleId :
 LOCATION-SGS-31

Tgt Ion:330 Resp: 147089
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.2 115.8
 141 42.8 42.2 63.2

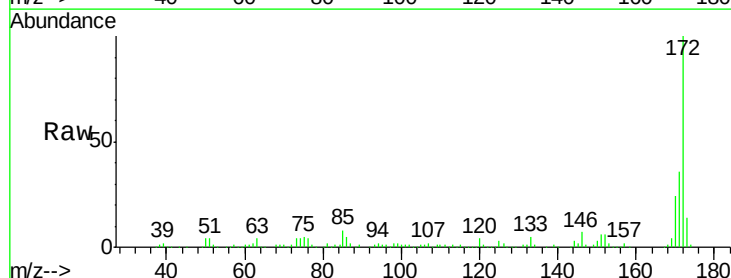


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

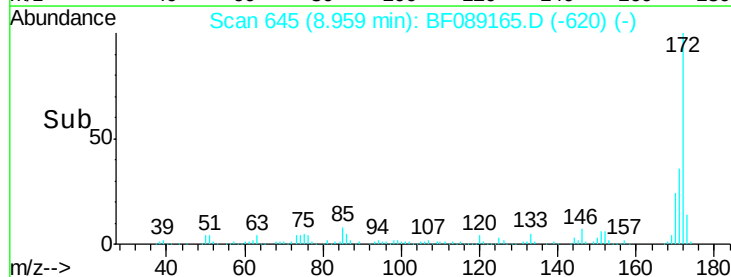
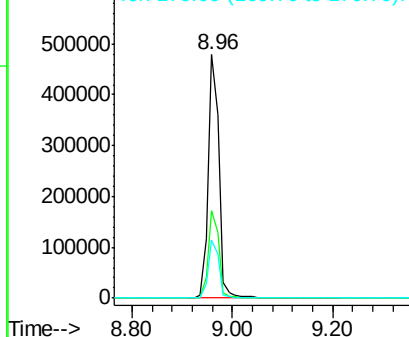


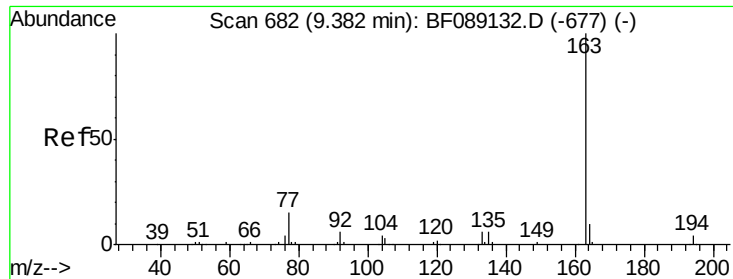
#44
 2-Fluorobiphenyl
 Concen: 92.05 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089165.D
 Acq: 21 Jul 2016 7:47

Tgt Ion:172 Resp: 708717
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

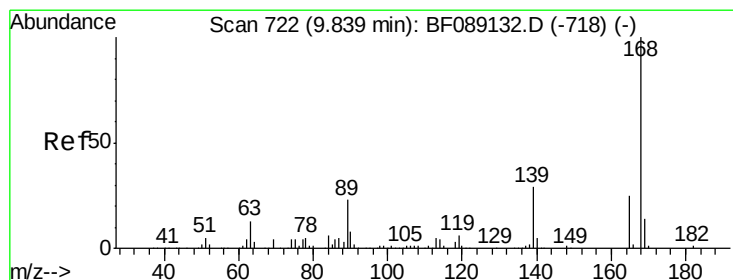
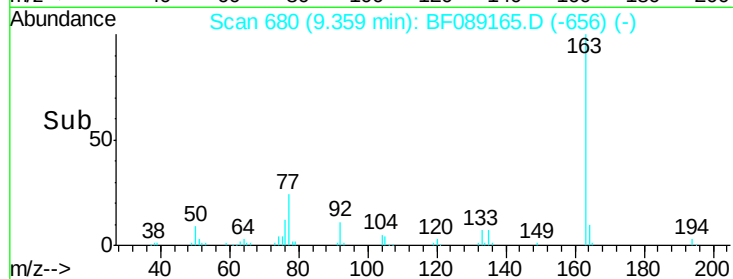
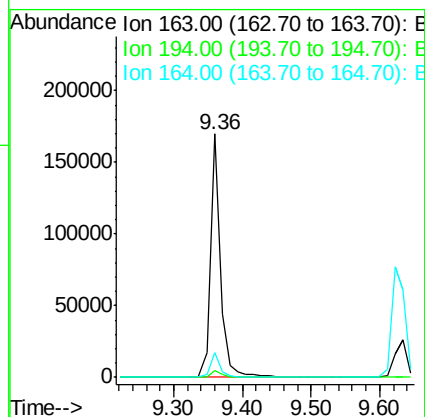
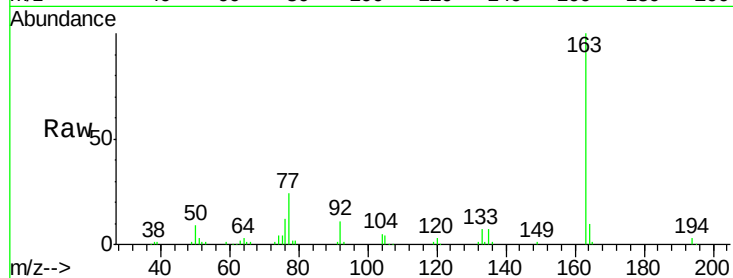




#49
Dimethylphthalate
Concen: 21.39 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089165.D
Acq: 21 Jul 2016 7:47

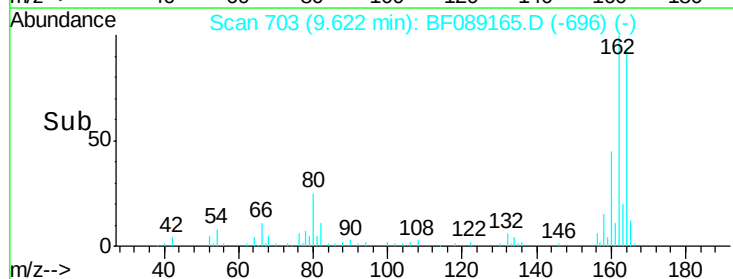
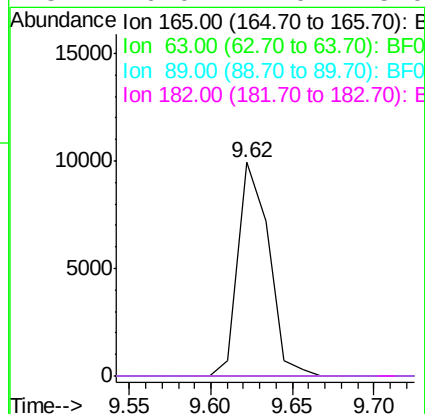
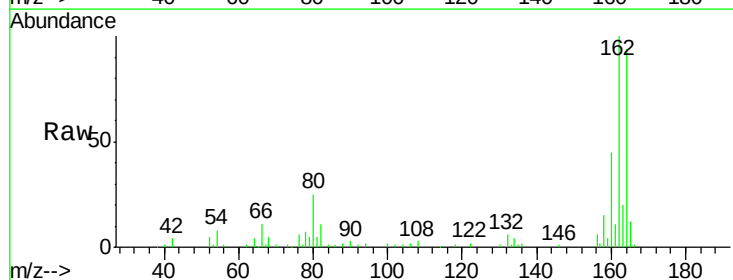
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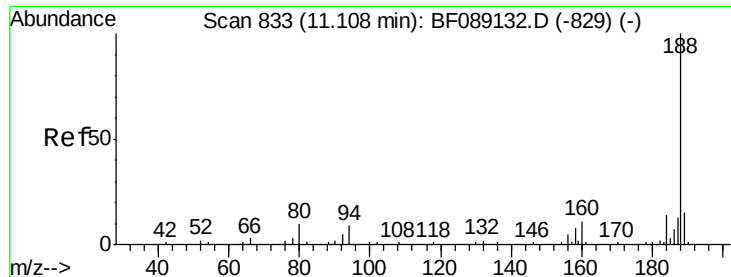
Tgt Ion:163 Resp: 174167
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.1 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.22 min
Lab File: BF089165.D
Acq: 21 Jul 2016 7:47

Tgt Ion:165 Resp: 12947
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#

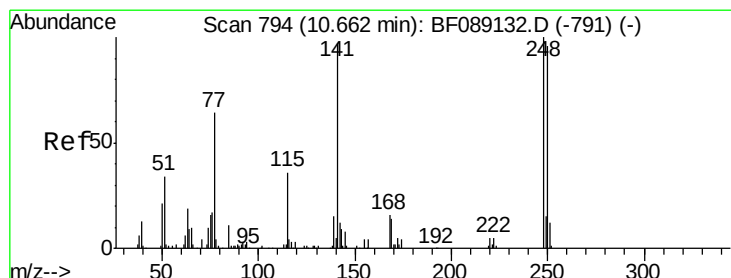
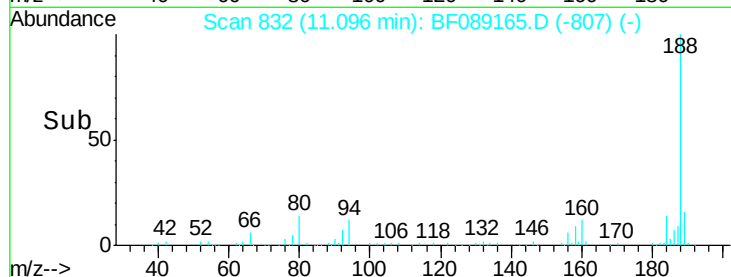
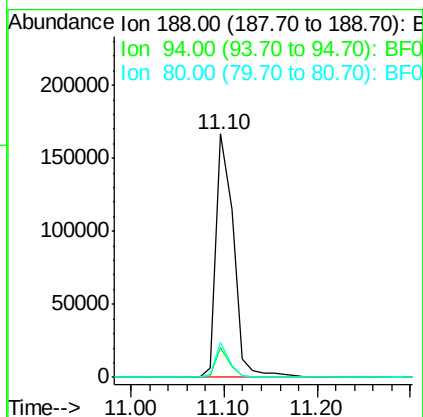
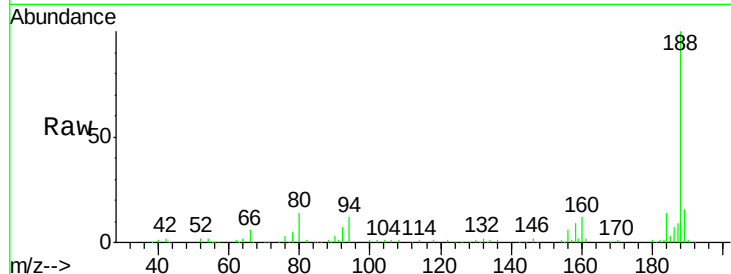




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089165.D
Acq: 21 Jul 2016 7:47

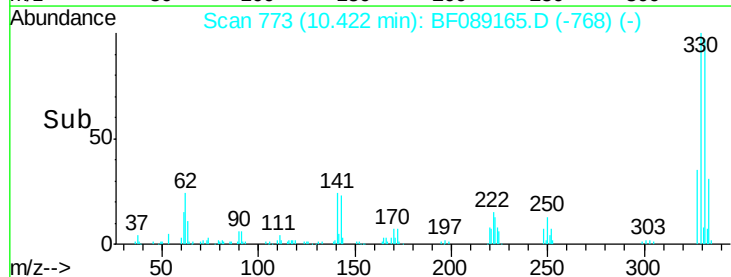
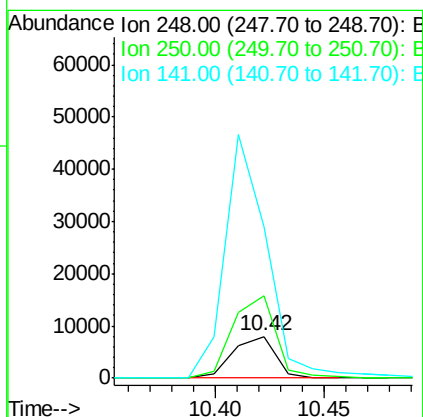
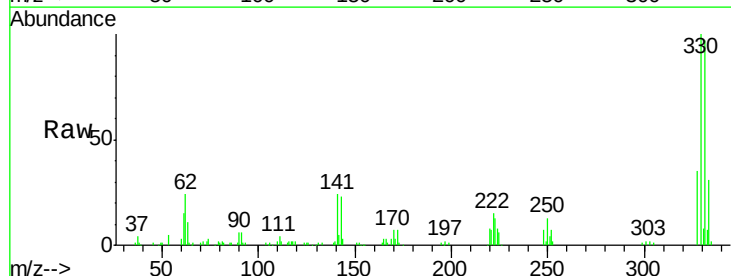
Instrument :
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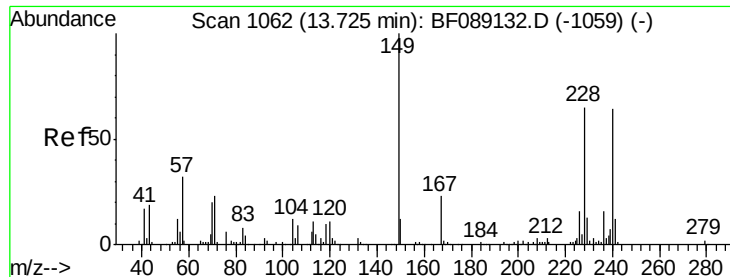
Tgt Ion:188 Resp: 216005
Ion Ratio Lower Upper
188 100
94 12.2 7.0 10.4#
80 14.3 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.07 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.24 min
Lab File: BF089165.D
Acq: 21 Jul 2016 7:47

Tgt Ion:248 Resp: 10833
Ion Ratio Lower Upper
248 100
250 197.8 76.9 115.3#
141 364.2 77.4 116.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-31

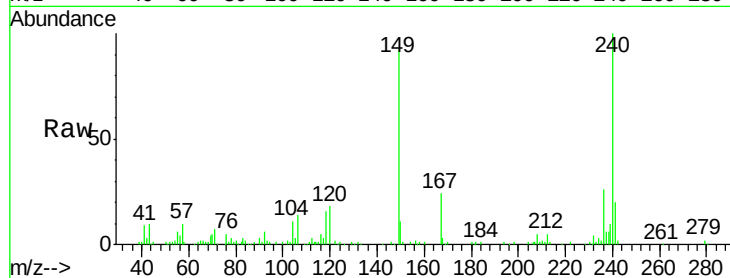
Tgt Ion:240 Resp: 154286

Ion Ratio Lower Upper

240 100

120 17.7 13.6 20.4

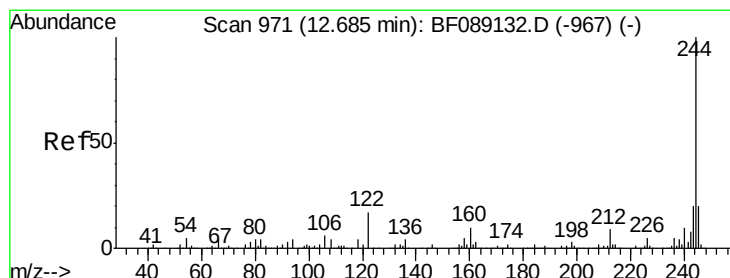
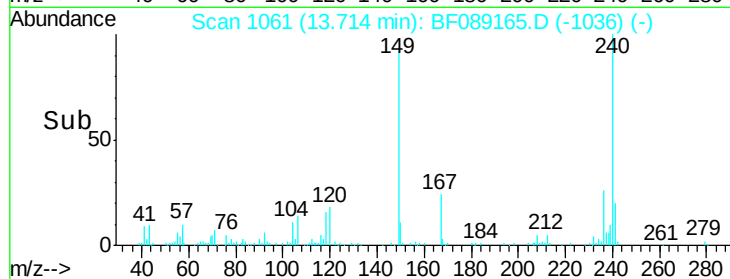
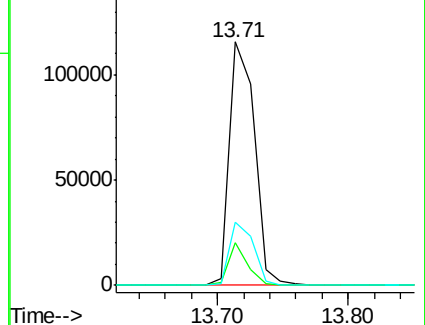
236 25.8 20.5 30.7



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: 87.19 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

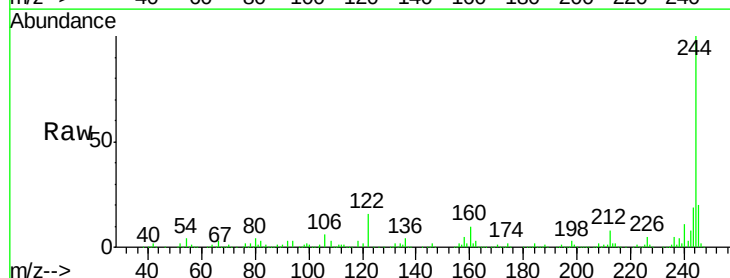
Tgt Ion:244 Resp: 620210

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

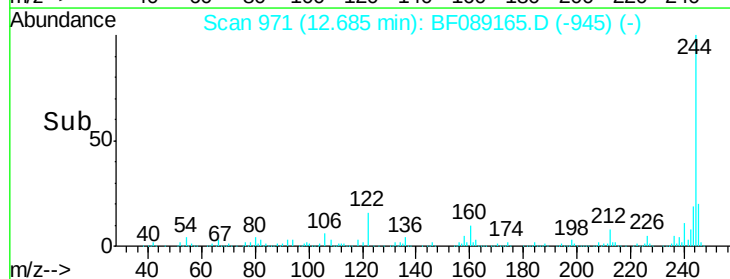
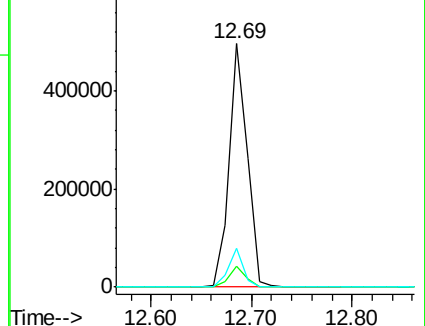
122 16.0 13.8 20.8

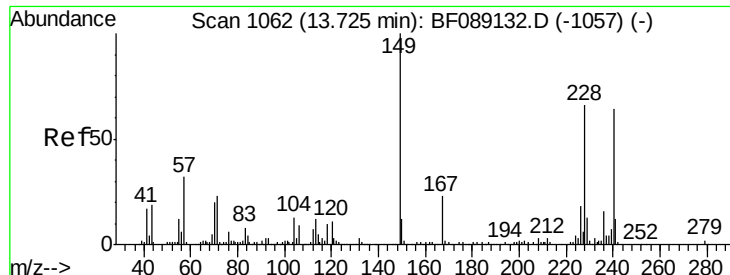


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 26.53 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-31

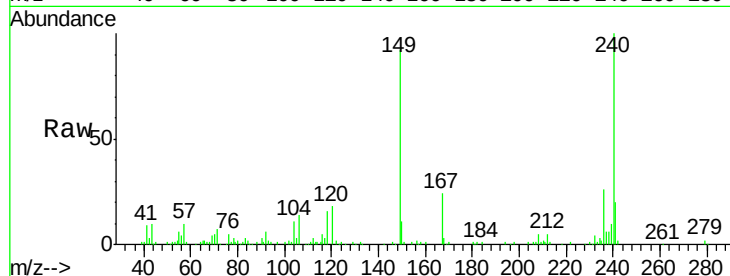
Tgt Ion:149 Resp: 189687

Ion Ratio Lower Upper

149 100

167 25.8 18.6 28.0

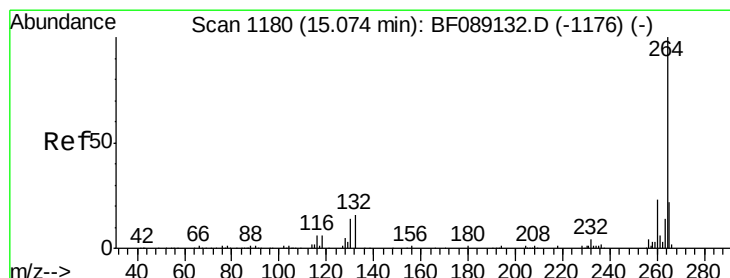
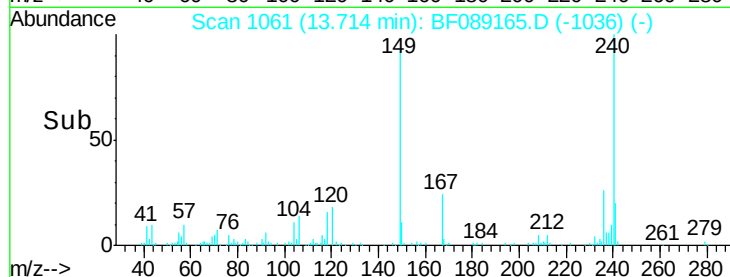
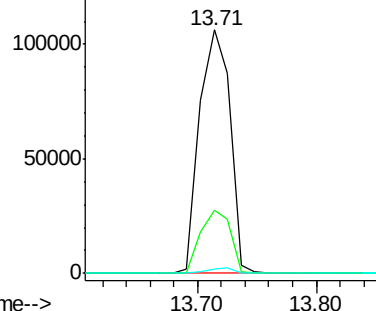
279 1.8 1.6 2.4



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: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF089165.D

Acq: 21 Jul 2016 7:47

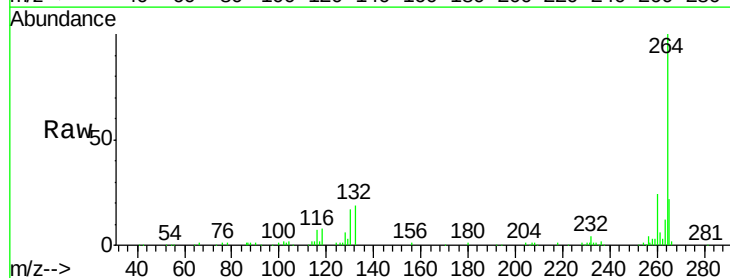
Tgt Ion:264 Resp: 123211

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 21.6 17.3 25.9



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

