

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089273.D
 Acq On : 25 Jul 2016 12:13
 Operator : UM/SJ
 Sample : H4154-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-EB-1

Quant Time: Jul 25 17:16:31 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

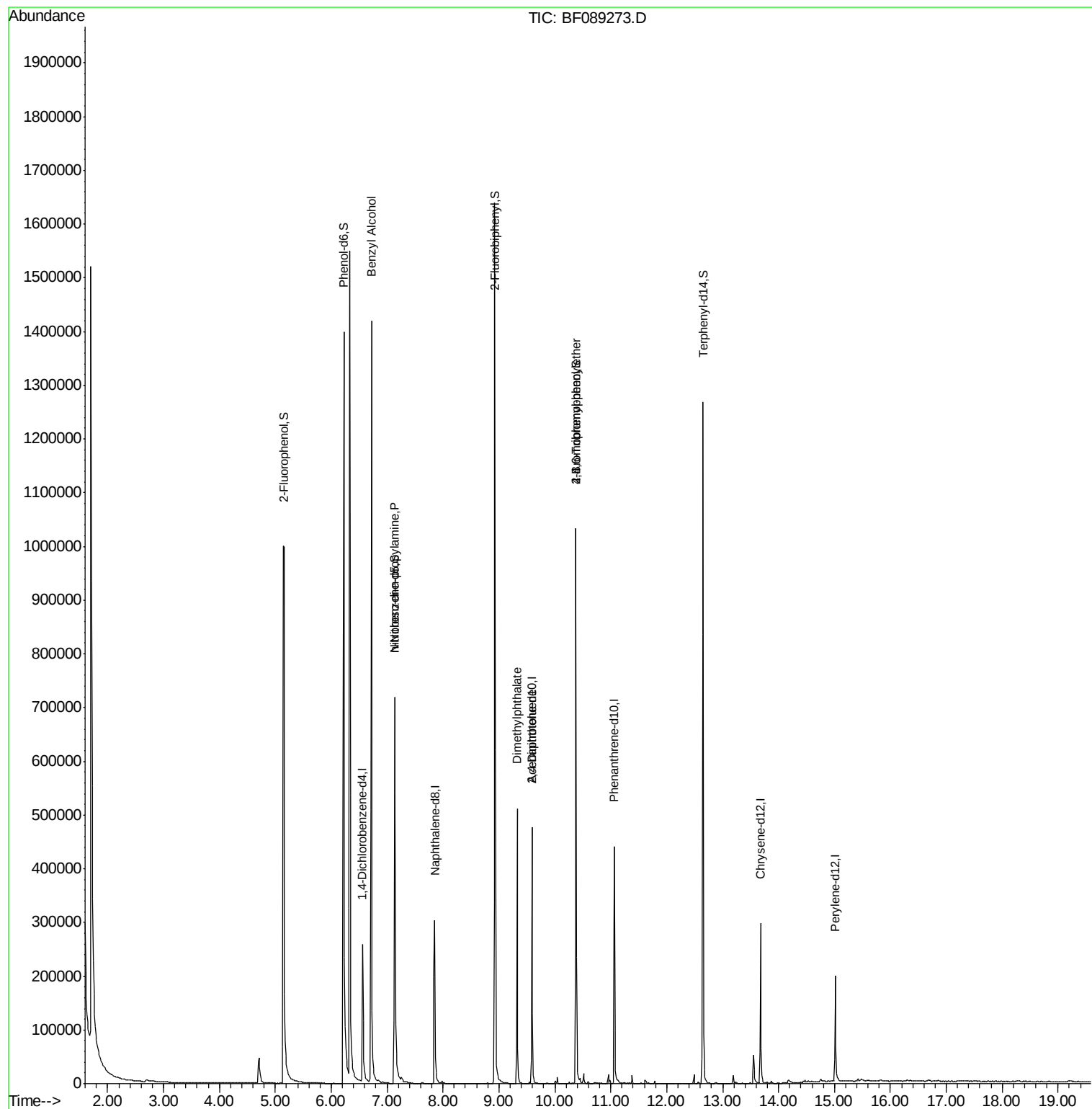
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	54436	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	219894	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	101321	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	182765	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	115319	20.00	ng	-0.01
86) Perylene-d12	15.02	264	86516	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	519130	145.04	ng	0.01
7) Phenol-d6	6.23	99	715169	154.94	ng	0.00
23) Nitrobenzene-d5	7.13	82	418103	101.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	115833	126.98	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	661130	89.90	ng	-0.01
78) Terphenyl-d14	12.65	244	519024	97.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	884	Below Cal	#	1
15) Benzyl Alcohol	6.72	79	6981	2.07 ng	#	46
19) n-Nitroso-di-n-propylamine	7.13	70	54724	18.13 ng	#	82
49) Dimethylphthalate	9.32	163	206818	26.60 ng		98
56) 2,4-Dinitrotoluene	9.59	165	12508	5.53 ng	#	10
66) 4-Bromophenyl-phenylether	10.38	248	8859	4.90 ng	#	1

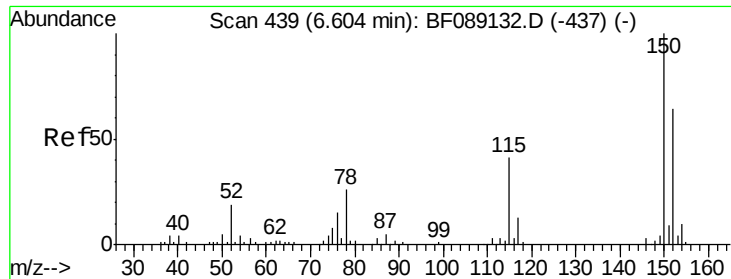
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 25 16:56:43 2016
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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: BF089273.D

Acq: 25 Jul 2016 12:13

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

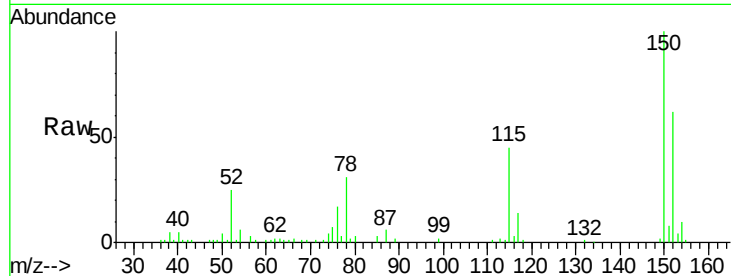
Tgt Ion:152 Resp: 54436

Ion Ratio Lower Upper

152 100

150 162.3 125.1 187.7

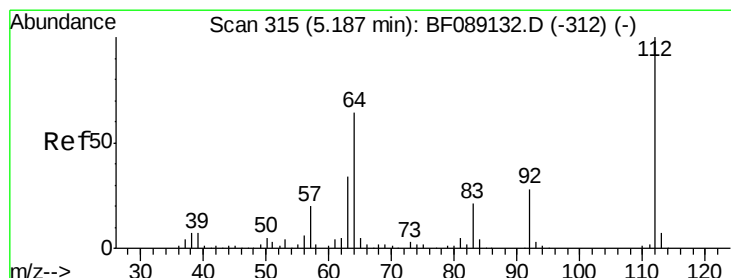
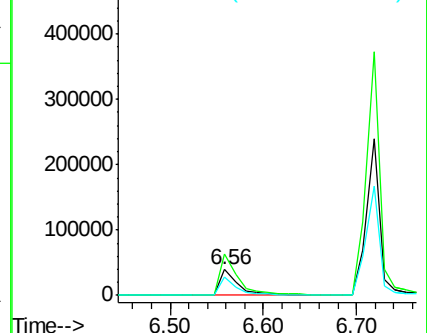
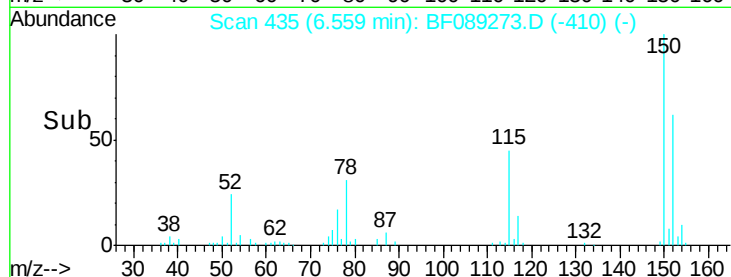
115 72.8 51.1 76.7



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: 145.04 ng

RT: 5.15 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

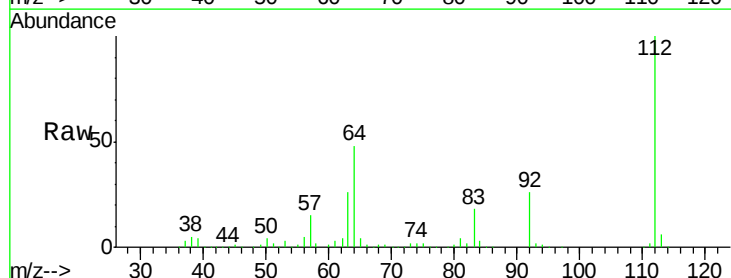
Tgt Ion:112 Resp: 519130

Ion Ratio Lower Upper

112 100

64 48.4 51.0 76.4#

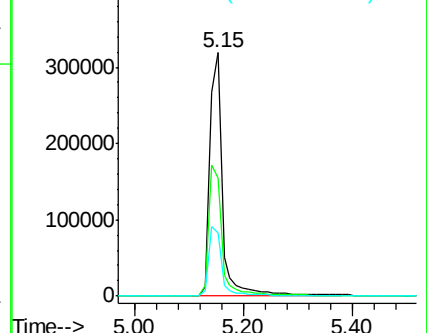
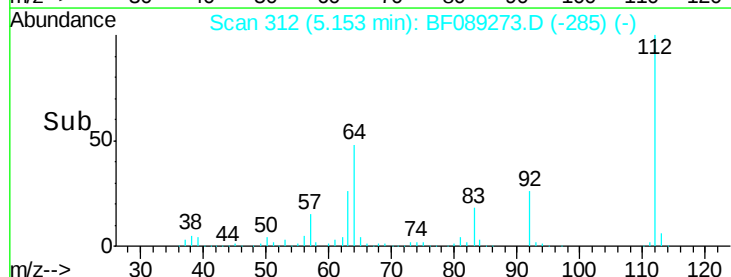
63 26.1 27.3 40.9#

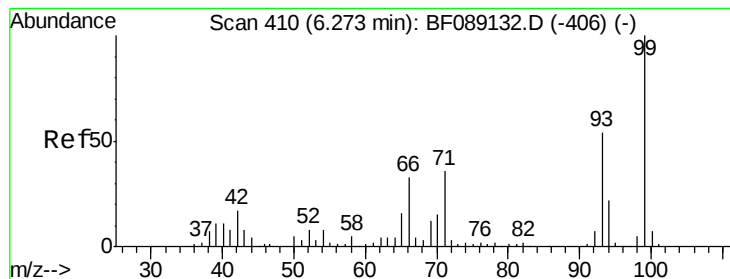


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 154.94 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

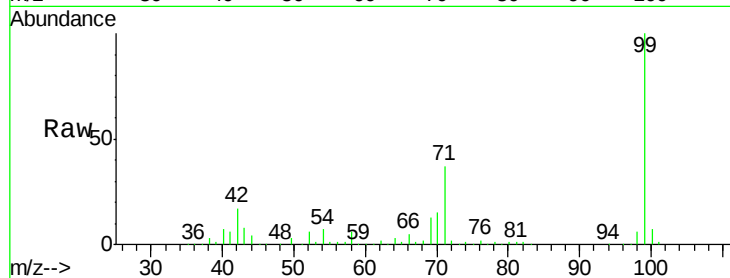
Tgt Ion: 99 Resp: 715169

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

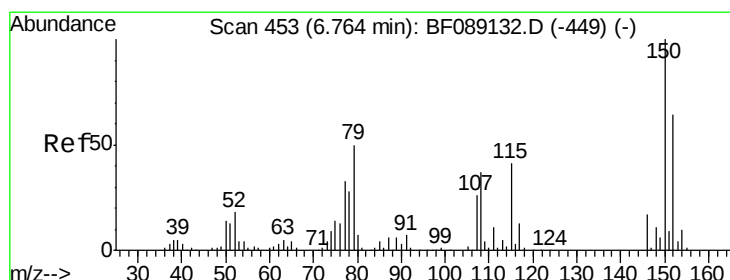
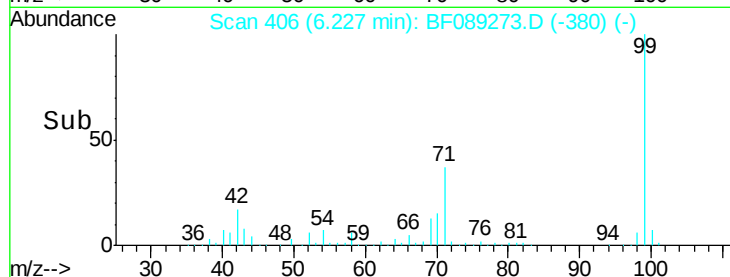
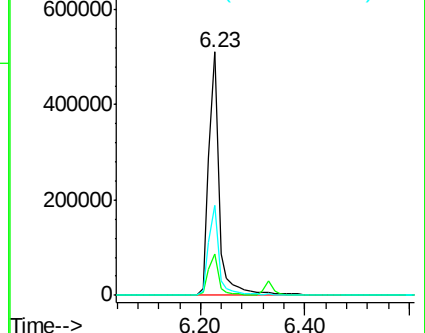
71 37.2 28.9 43.3



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



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

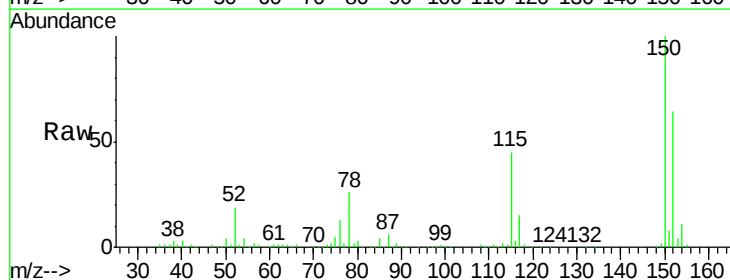
Tgt Ion: 79 Resp: 6981

Ion Ratio Lower Upper

79 100

108 30.8 58.2 87.4#

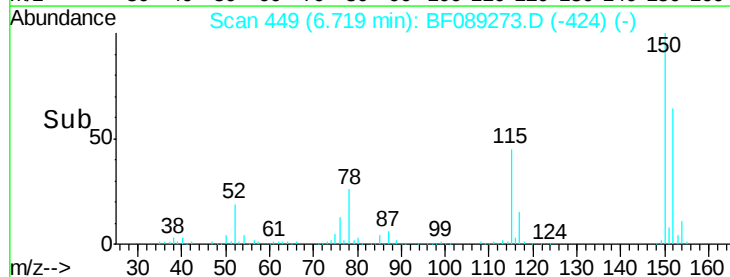
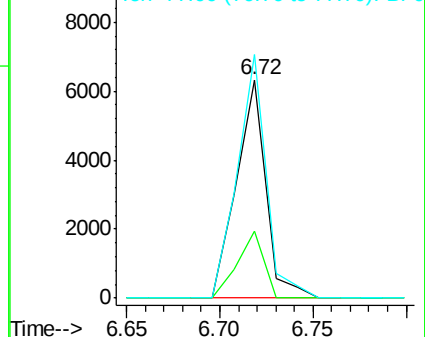
77 111.7 52.2 78.4#

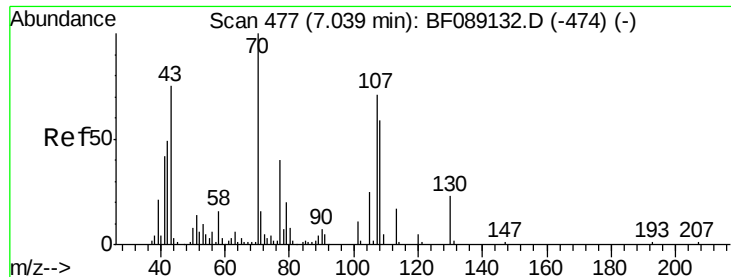


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

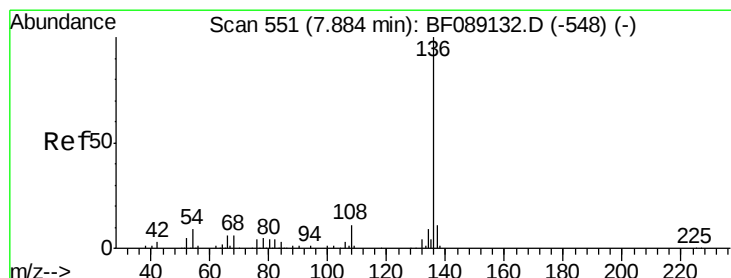
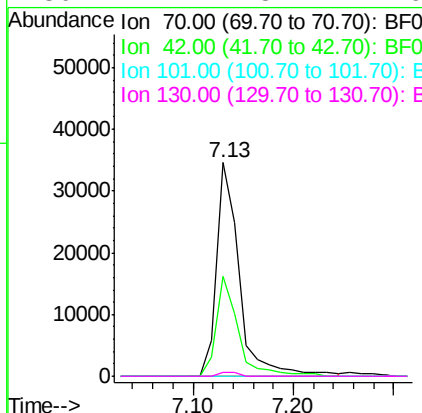
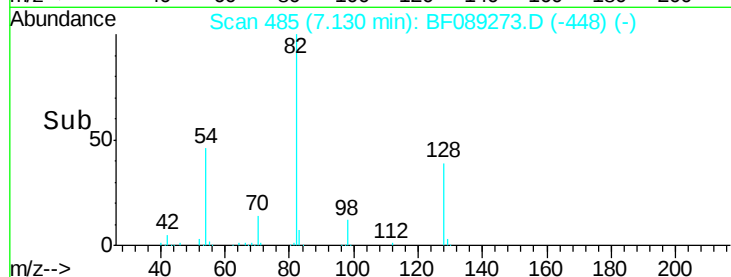
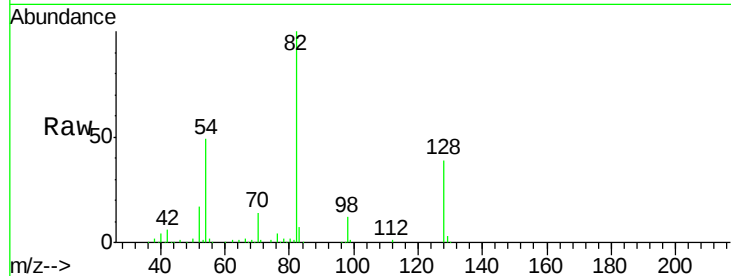




#19
n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.13 min
Lab File: BF089273.D
Acq: 25 Jul 2016 12:13

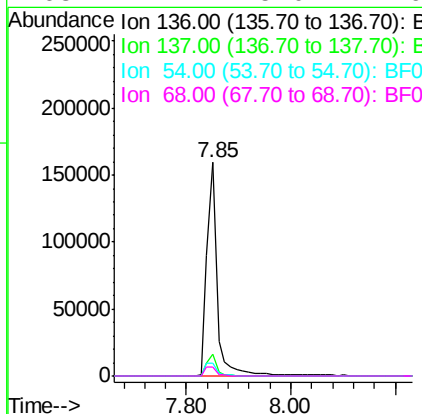
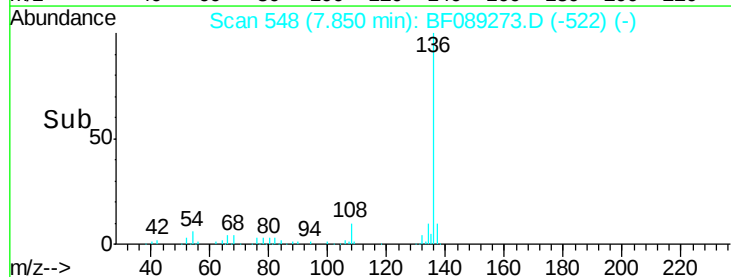
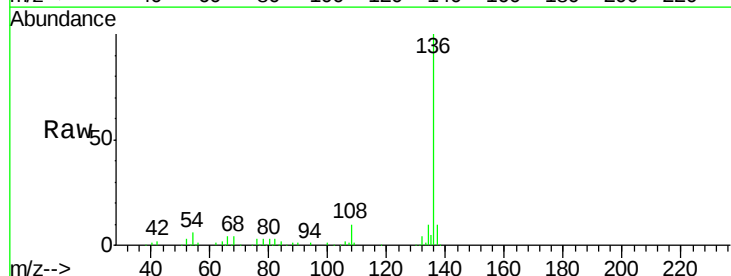
Instrument :
BNA_F
ClientSampleId :
GCF-EB-1

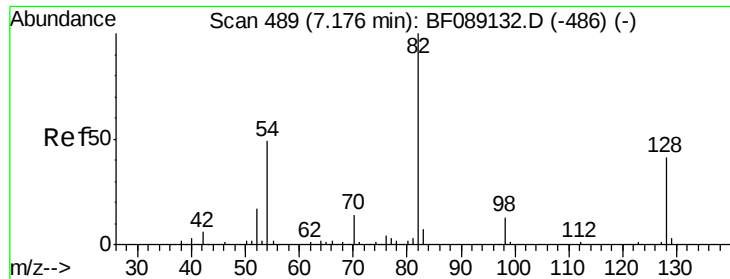
Tgt Ion: 70 Resp: 54724
Ion Ratio Lower Upper
70 100
42 46.7 39.2 58.8
101 0.0 8.5 12.7#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089273.D
Acq: 25 Jul 2016 12:13

Tgt Ion: 136 Resp: 219894
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 5.7 7.0 10.4#
68 4.4 5.0 7.6#

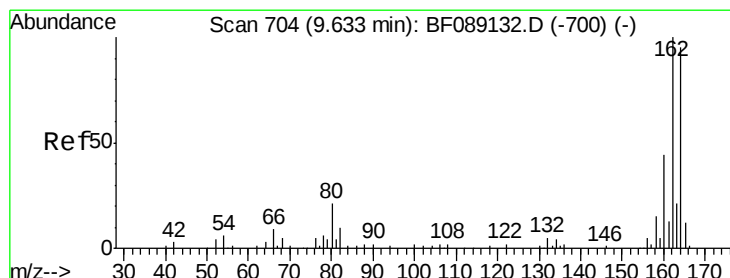
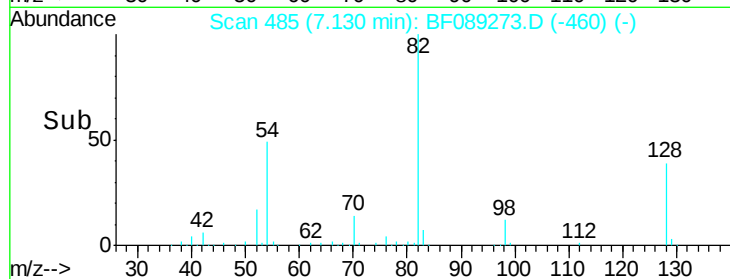
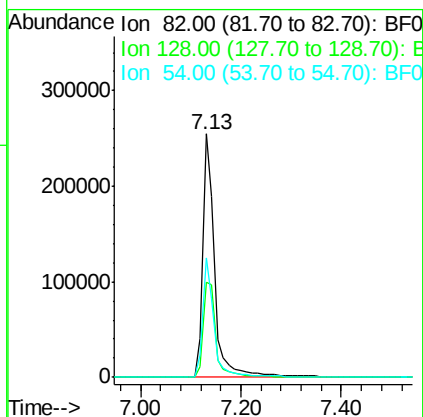
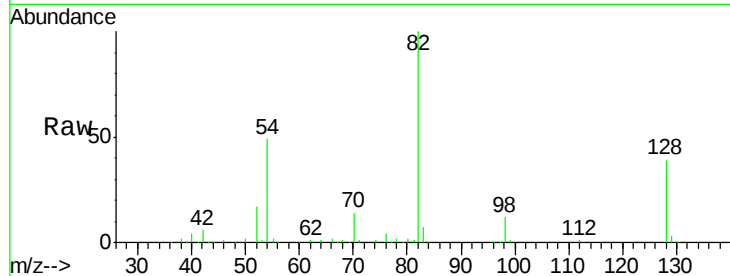




#23
 Nitrobenzene-d5
 Concen: 101.03 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089273.D
 Acq: 25 Jul 2016 12:13

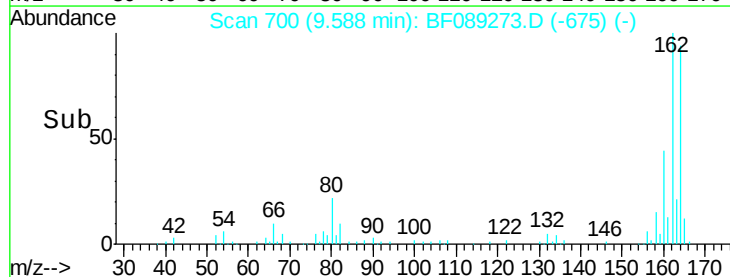
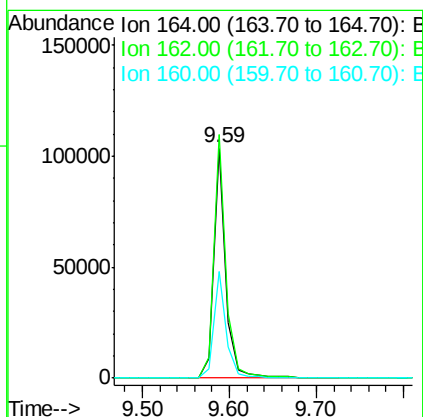
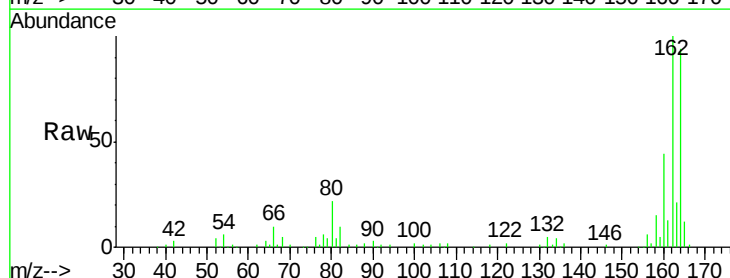
Instrument :
 BNA_F
 ClientSampled :
 GCF-EB-1

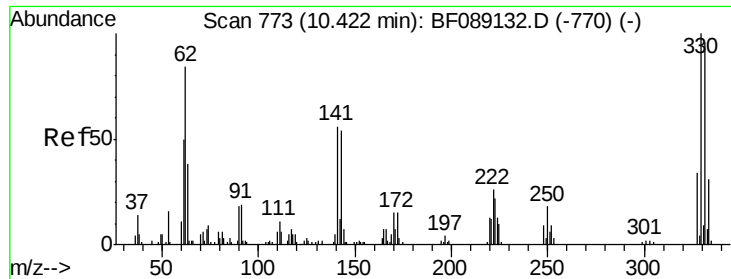
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.0	49.6
54	49.2	39.0	58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF089273.D
 Acq: 25 Jul 2016 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.1	126.1
160	46.4	37.1	55.7

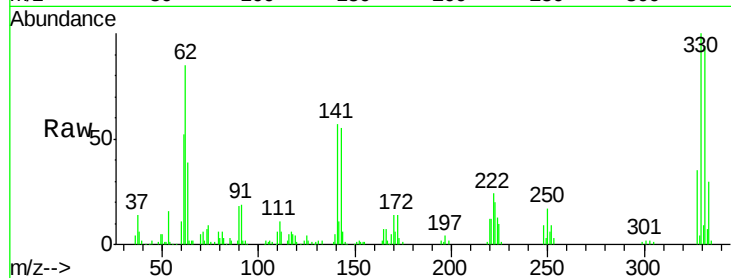




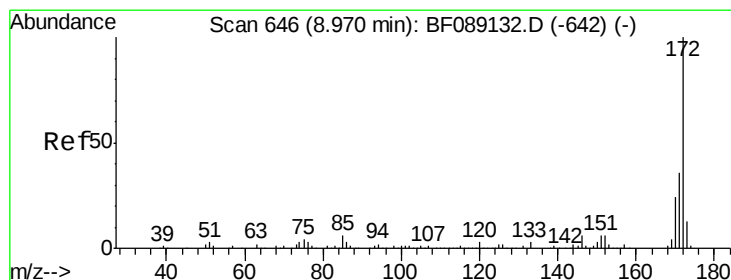
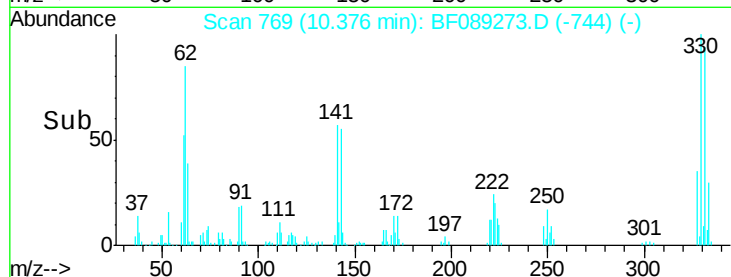
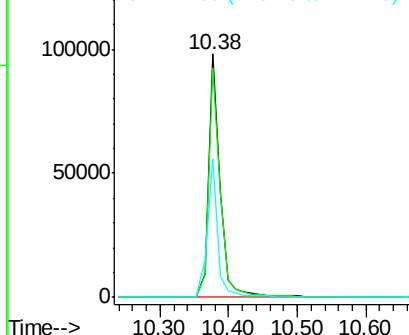
#41
 2,4,6-Tribromophenol
 Concen: 126.98 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF089273.D
 Acq: 25 Jul 2016 12:13

Instrument :
 BNA_F
 ClientSampled :
 GCF-EB-1

Tgt Ion:330 Resp: 115833
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.2 115.8
 141 51.6 42.2 63.2

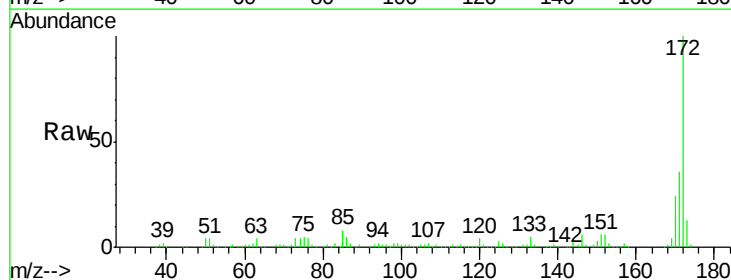


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

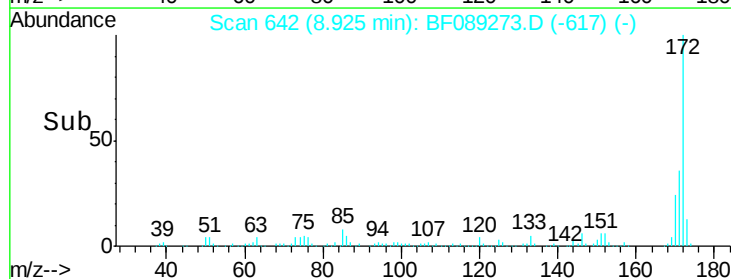
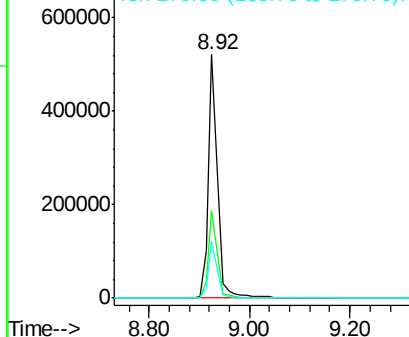


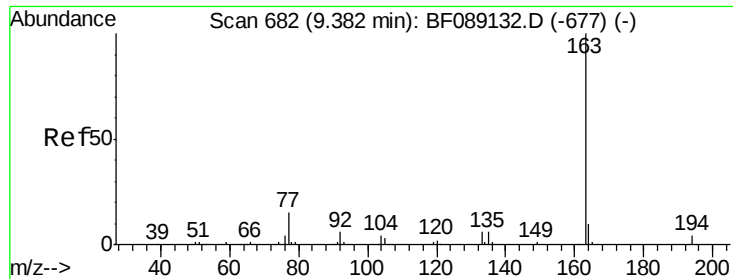
#44
 2-Fluorobiphenyl
 Concen: 89.90 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089273.D
 Acq: 25 Jul 2016 12:13

Tgt Ion:172 Resp: 661130
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.6 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

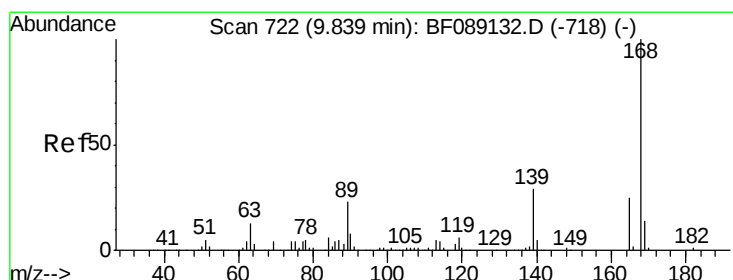
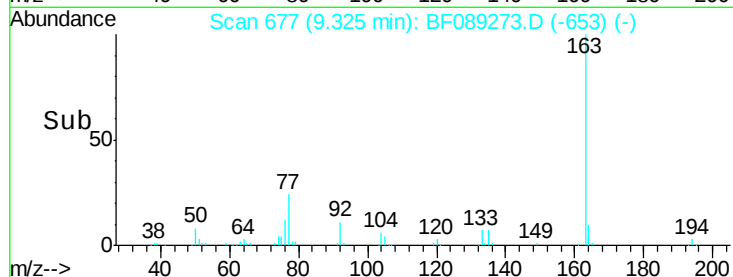
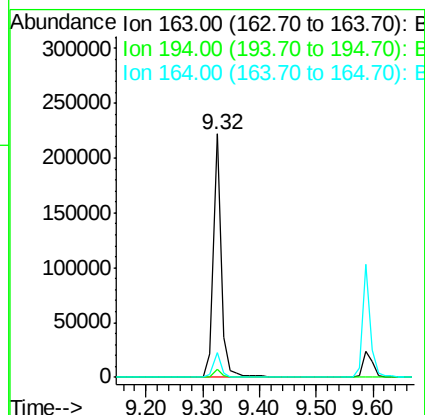
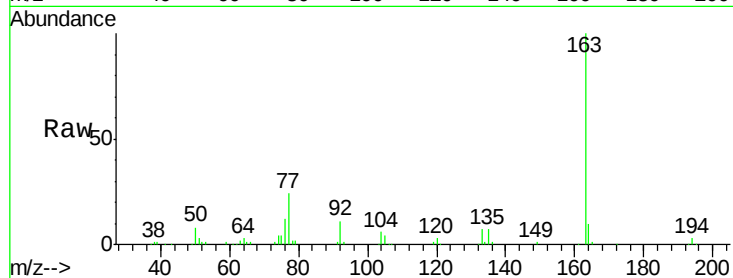




#49
Dimethylphthalate
Concen: 26.60 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089273.D
Acq: 25 Jul 2016 12:13

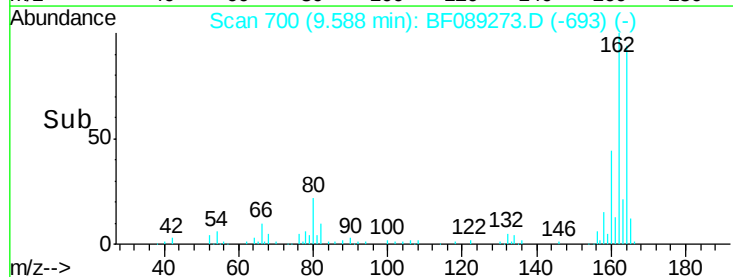
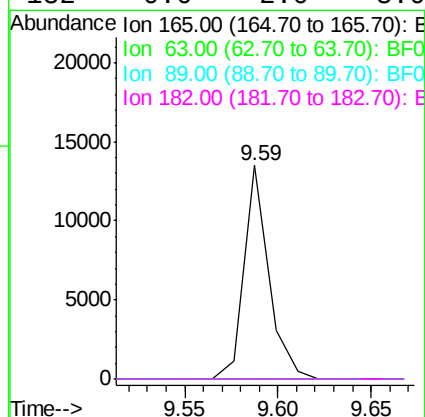
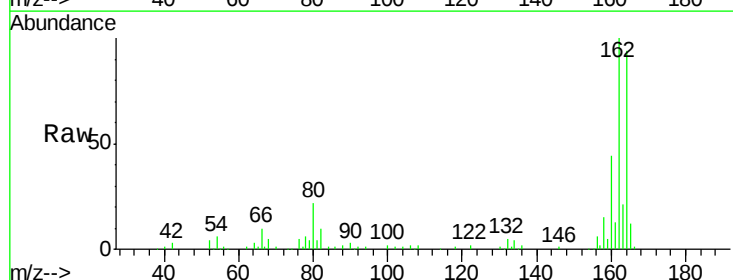
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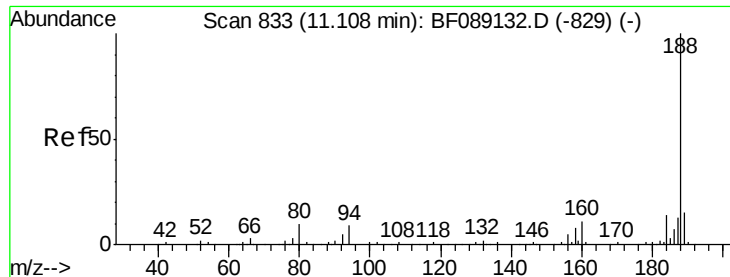
Tgt Ion:163 Resp: 206818
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.1 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.22 min
Lab File: BF089273.D
Acq: 25 Jul 2016 12:13

Tgt Ion:165 Resp: 12508
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#

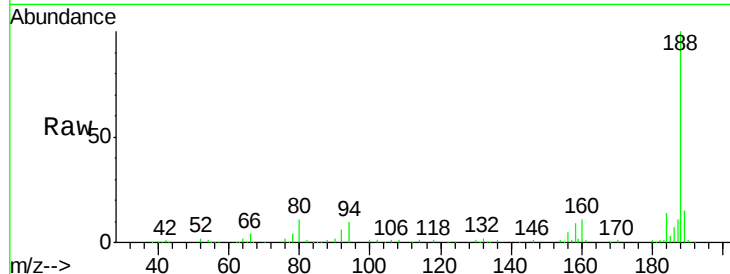




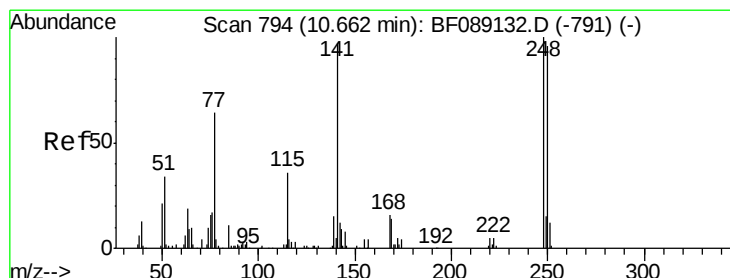
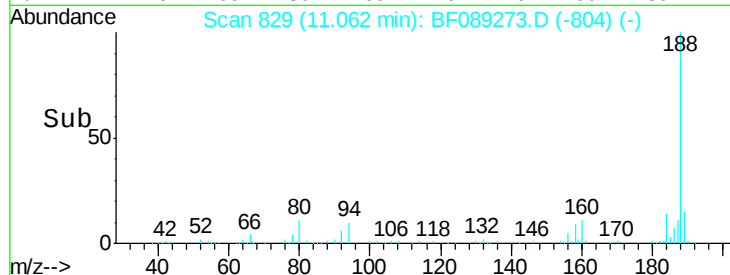
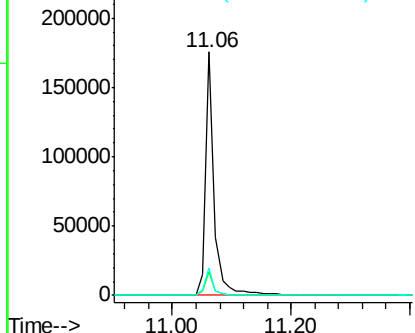
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF089273.D
Acq: 25 Jul 2016 12:13

Instrument :
BNA_F
ClientSampleId :
GCF-EB-1

Tgt Ion:188 Resp: 182765
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 11.0 7.7 11.5

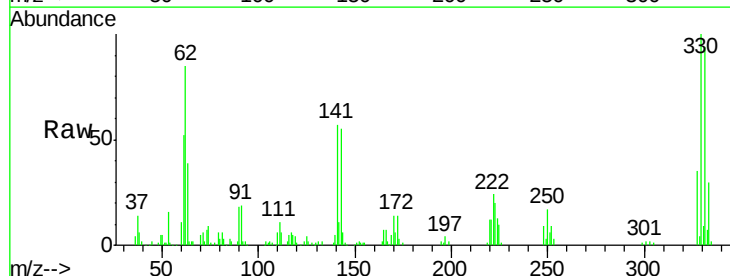


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

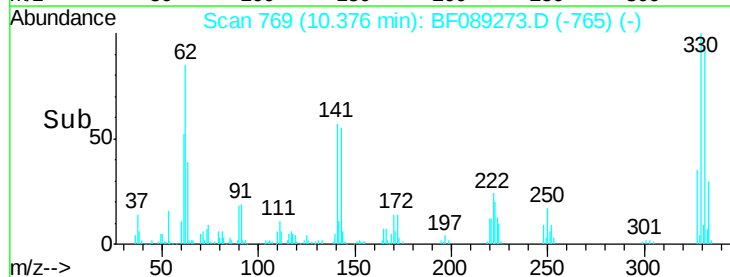
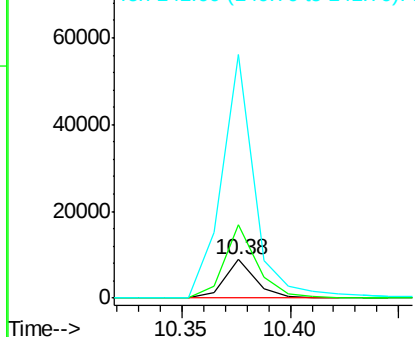


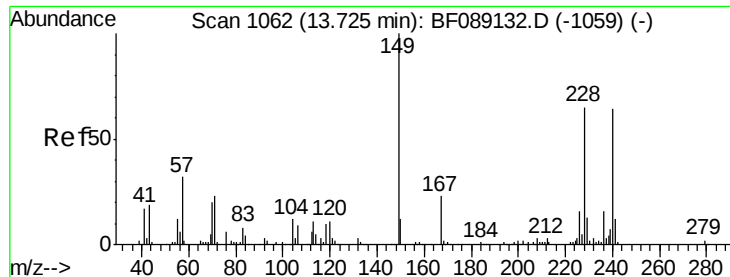
#66
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.25 min
Lab File: BF089273.D
Acq: 25 Jul 2016 12:13

Tgt Ion:248 Resp: 8859
Ion Ratio Lower Upper
248 100
250 190.5 76.9 115.3#
141 633.3 77.4 116.2#



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

Instrument :

BNA_F

ClientSampleId :

GCF-EB-1

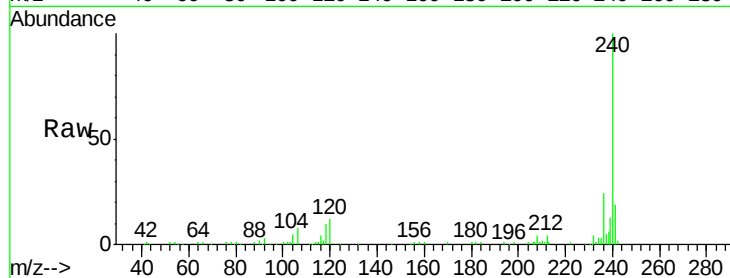
Tgt Ion:240 Resp: 115319

Ion Ratio Lower Upper

240 100

120 11.7 13.6 20.4#

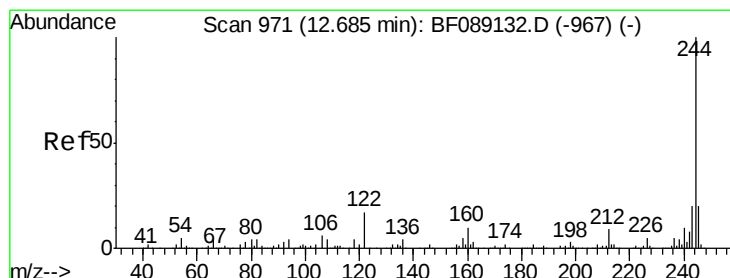
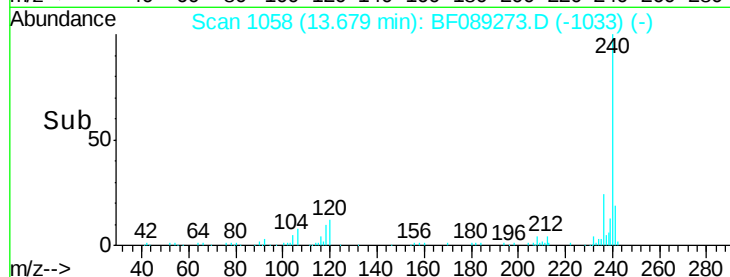
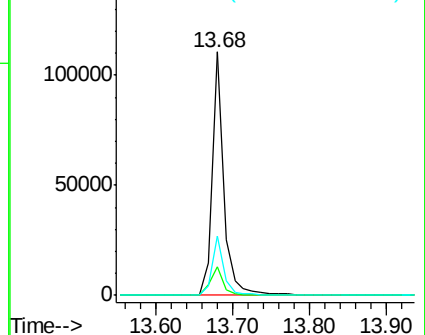
236 24.4 20.5 30.7



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: 97.62 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089273.D

Acq: 25 Jul 2016 12:13

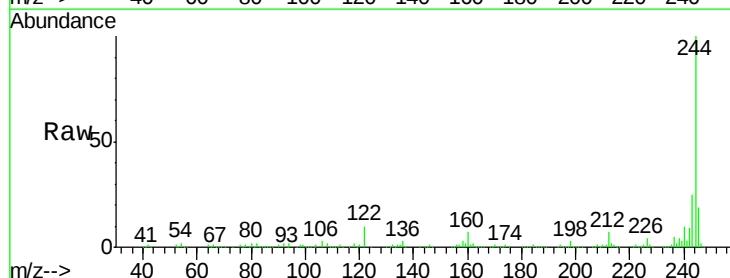
Tgt Ion:244 Resp: 519024

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.4

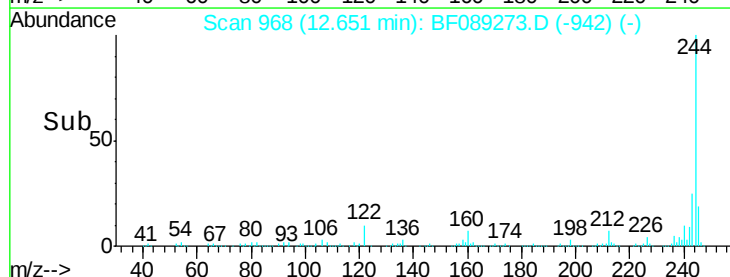
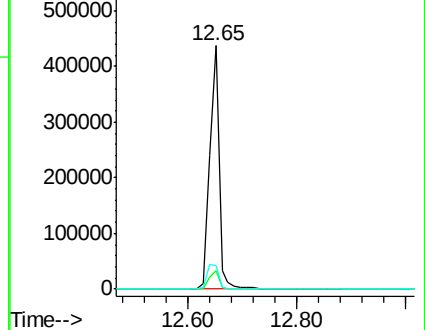
122 9.6 13.8 20.8#

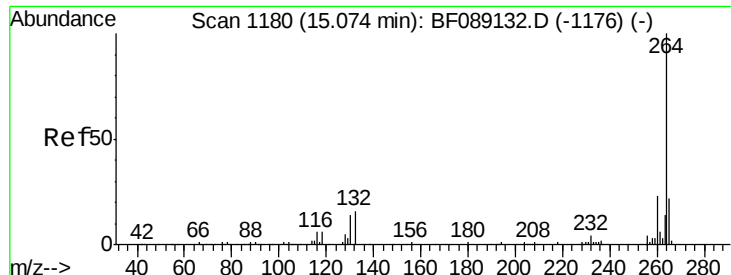


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

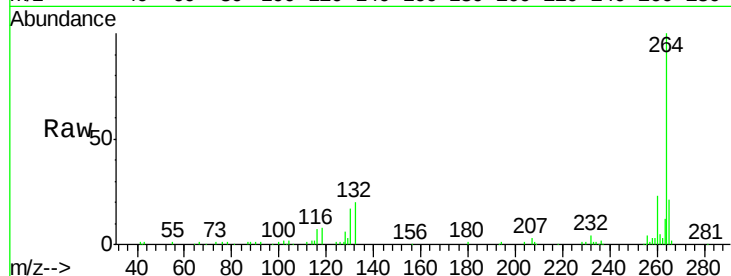




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF089273.D
Acq: 25 Jul 2016 12:13

Instrument :
BNA_F
ClientSampleId :
GCF-EB-1

Tgt Ion: 264 Resp: 86516
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 20.7 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

