

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091068.D
 Acq On : 7 Nov 2016 20:50
 Operator : UM/SJ
 Sample : H5565-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRITTON-PHILLY-PA

Quant Time: Nov 08 01:05:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 00:06:22 2016
 Response via : Initial Calibration

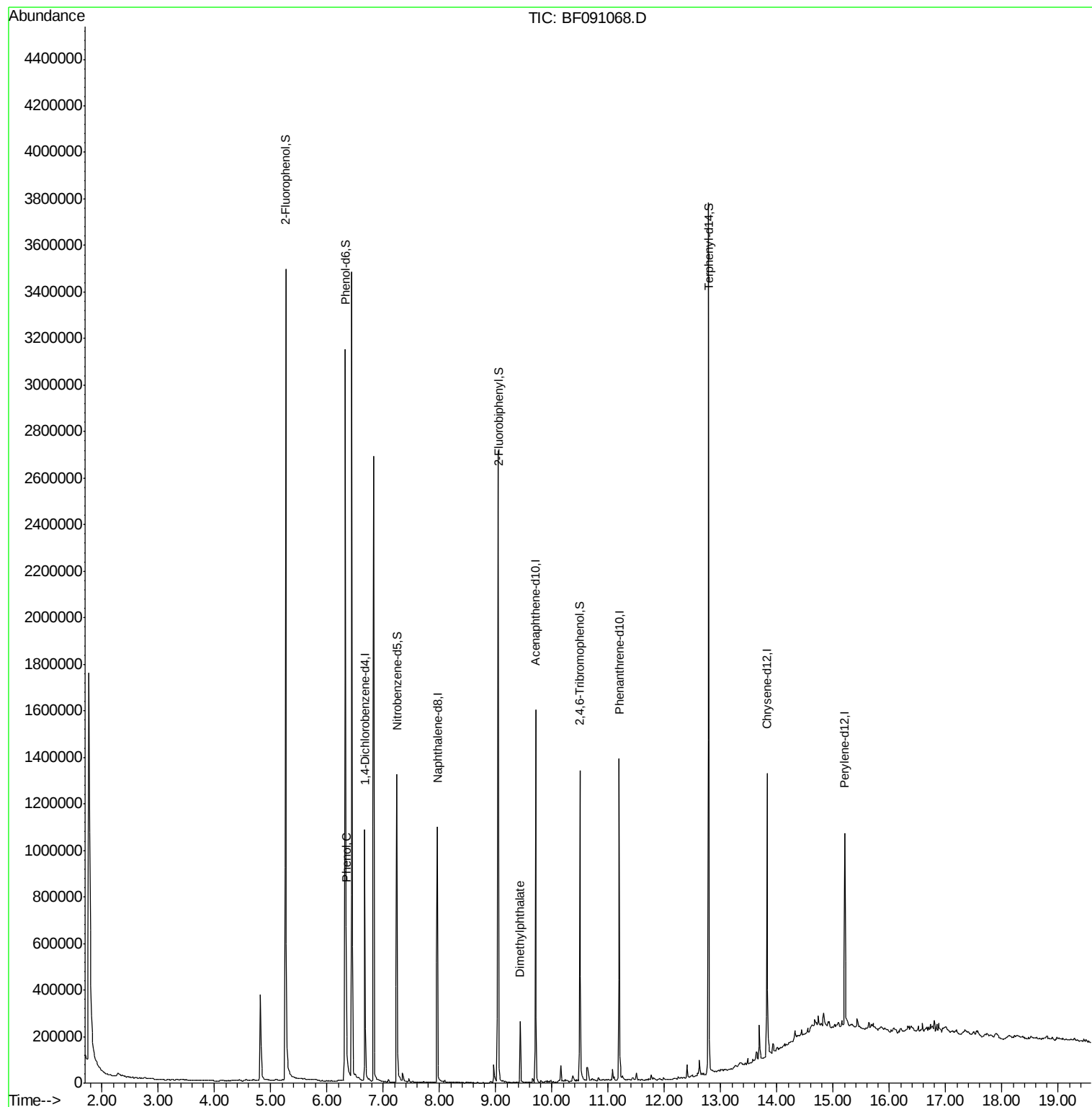
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	177020	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	655449	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	342801	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	566315	20.00	ng	0.00
75) Chrysene-d12	13.82	240	433822	20.00	ng	0.00
86) Perylene-d12	15.21	264	379099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1068496	99.69	ng	0.01
7) Phenol-d6	6.33	99	1298494	89.25	ng	0.00
23) Nitrobenzene-d5	7.24	82	506345	42.14	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	194812	62.86	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1423801	71.51	ng	0.00
78) Terphenyl-d14	12.78	244	1338612	77.00	ng	0.00
Target Compounds						
10) Phenol	6.34	94	113183	7.03	ng	Qvalue # 56
49) Dimethylphthalate	9.44	163	112041	4.98	ng	98

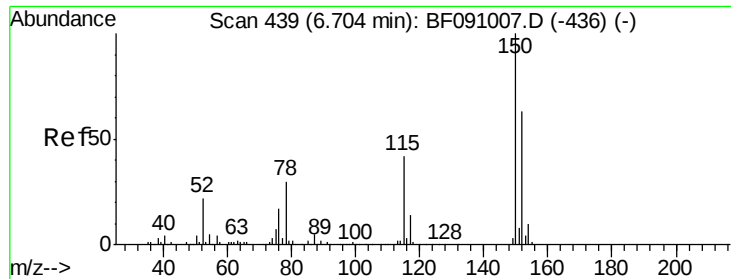
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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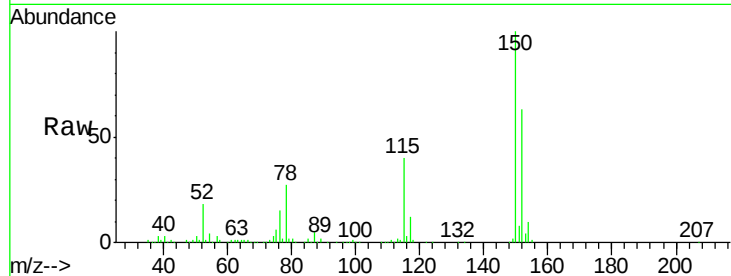


#1

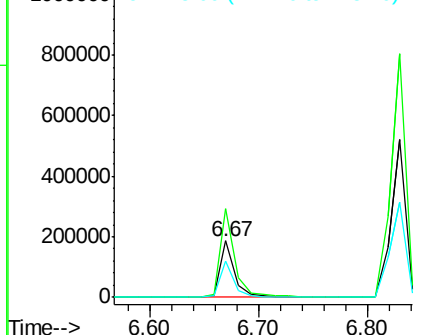
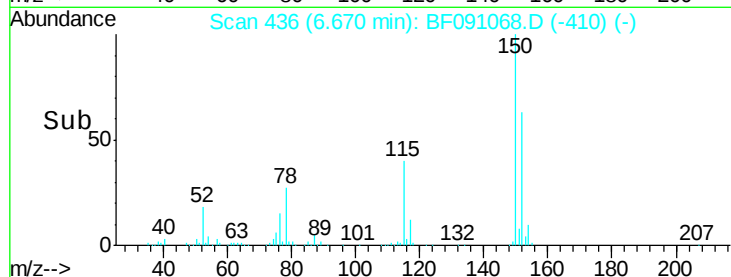
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

Instrument :
BNA_F
ClientSampleId :
BRITTON-PHILLY-PA

Tot Ion:152 Resp: 177020
Ion Ratio Lower Upper
152 100
150 158.0 126.8 190.2
115 63.8 53.3 79.9



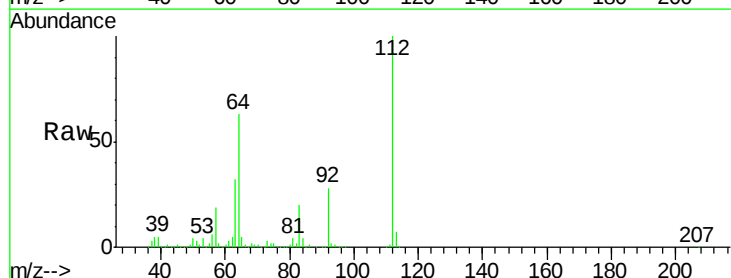
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



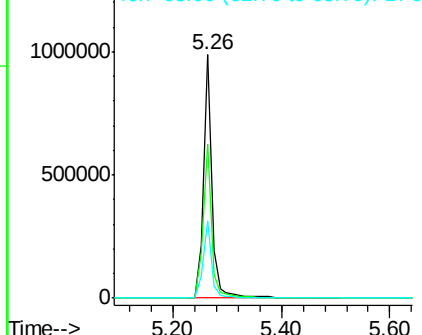
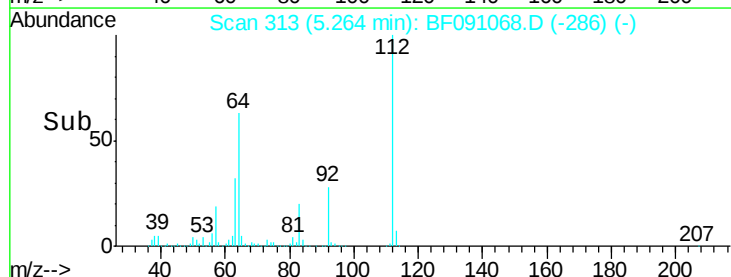
#5

2-Fluorophenol
Concen: 99.69 ng
RT: 5.26 min Scan# 313
Delta R.T. 0.01 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

Tgt Ion:112 Resp: 1068496
Ion Ratio Lower Upper
112 100
64 63.5 55.8 83.6
63 31.8 28.0 42.0



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: 89.25 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

BRITTON-PHILLY-PA

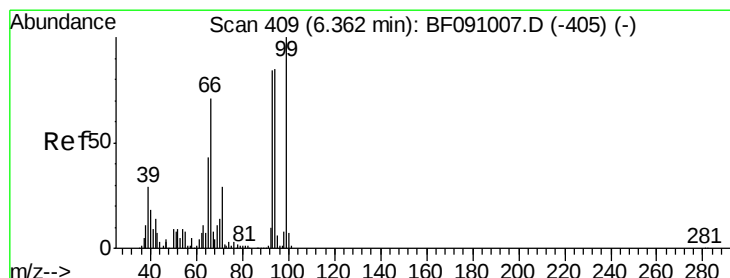
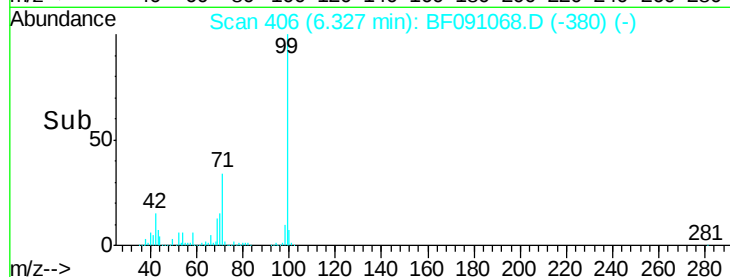
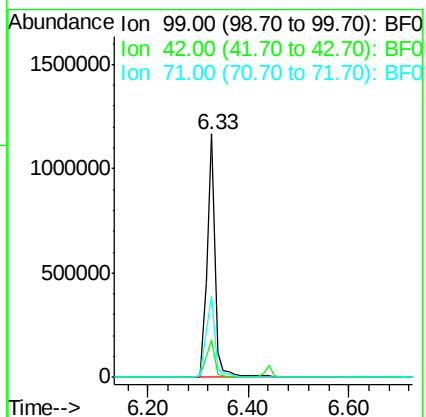
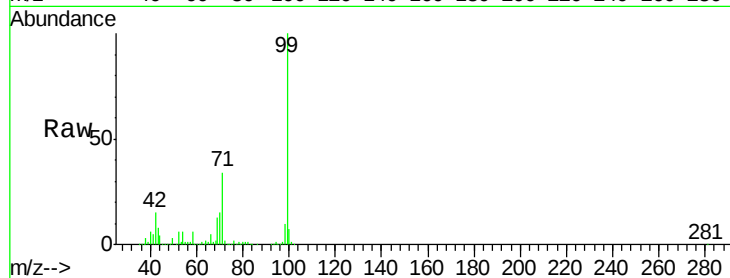
Tot Ion: 99 Resp: 1298494

Ion Ratio Lower Upper

99 100

42 15.3 13.9 20.9

71 33.5 27.8 41.8



#10

Phenol

Concen: 7.03 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

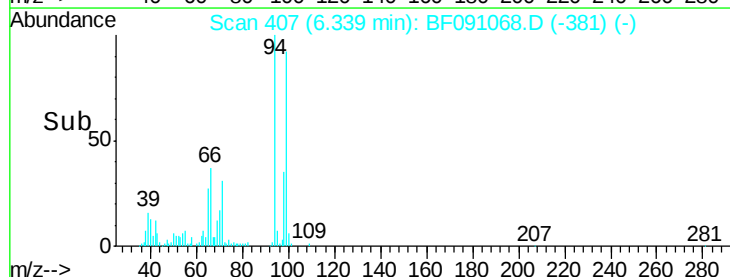
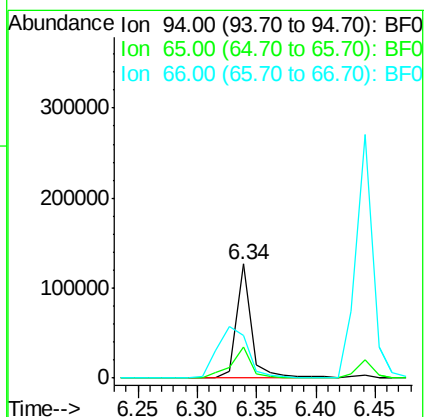
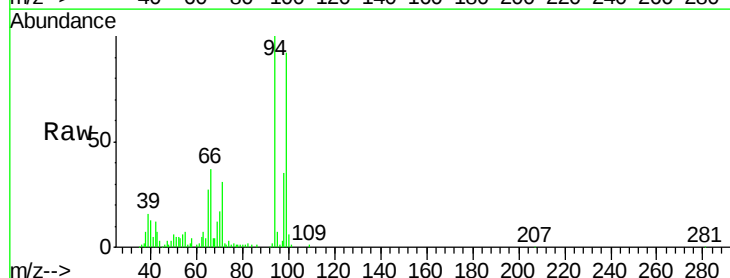
Tgt Ion: 94 Resp: 113183

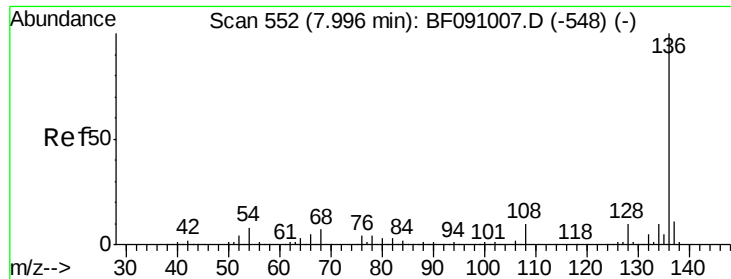
Ion Ratio Lower Upper

94 100

65 27.1 30.4 70.4#

66 37.2 62.9 102.9#

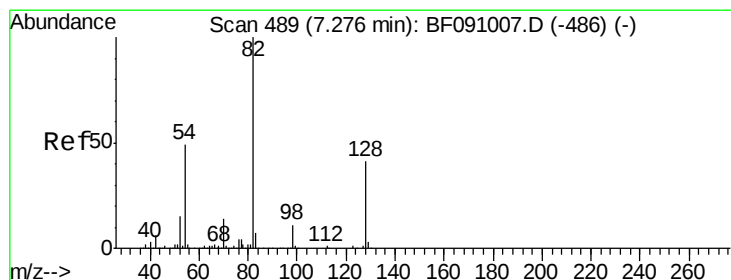
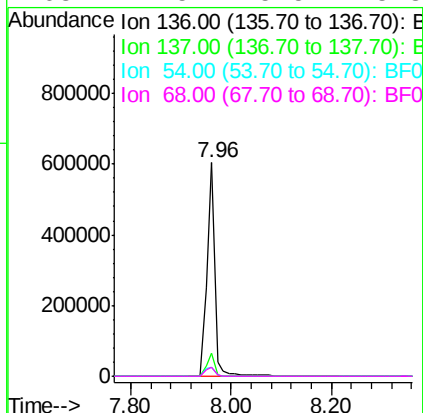
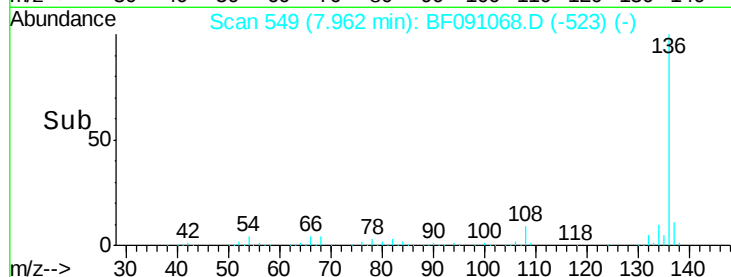
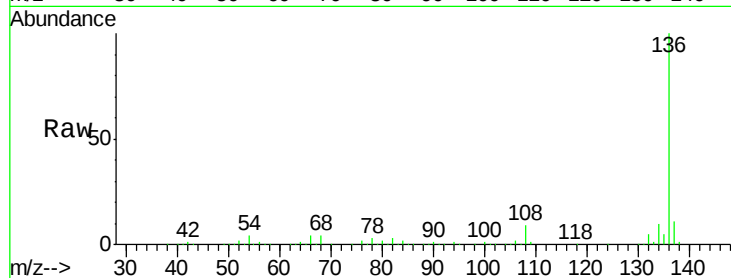




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

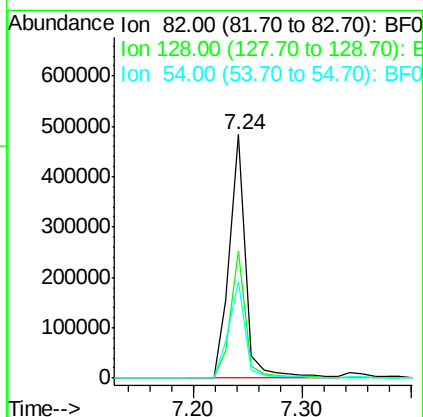
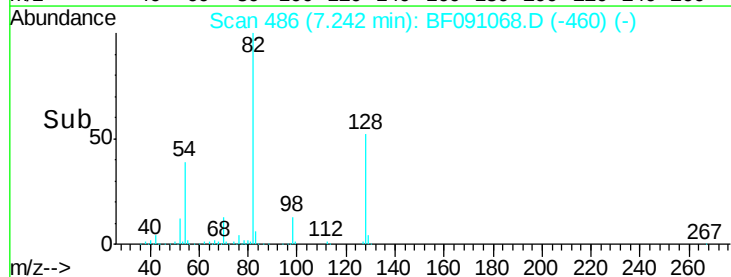
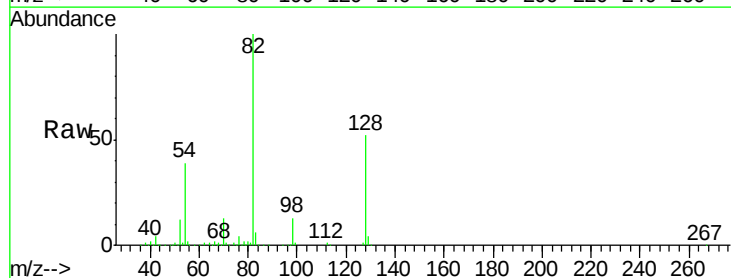
Instrument :
BNA_F
ClientSampleId :
BRITTON-PHILLY-PA

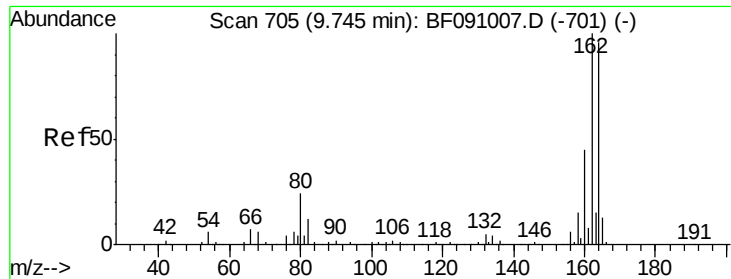
Tot Ion:136	Resp:	655449
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	4.4	6.2 9.2#
68	4.5	5.5 8.3#



#23
Nitrobenzene-d5
Concen: 42.14 ng
RT: 7.24 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

Tgt Ion: 82	Resp:	506345
Ion Ratio	Lower	Upper
82	100	
128	52.3	32.4 48.6#
54	39.4	39.2 58.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

Instrument :

BNA_F

ClientSampleId :

BRITTON-PHILLY-PA

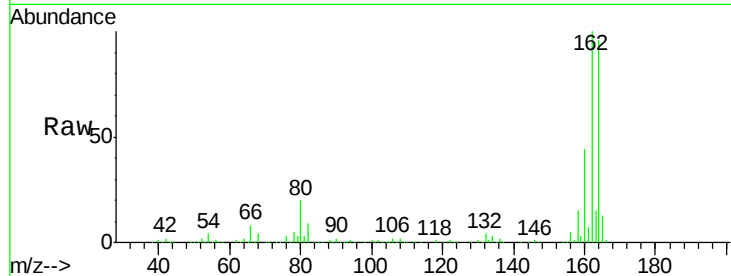
Tot Ion:164 Resp: 342801

Ion Ratio Lower Upper

164 100

162 103.6 83.6 125.4

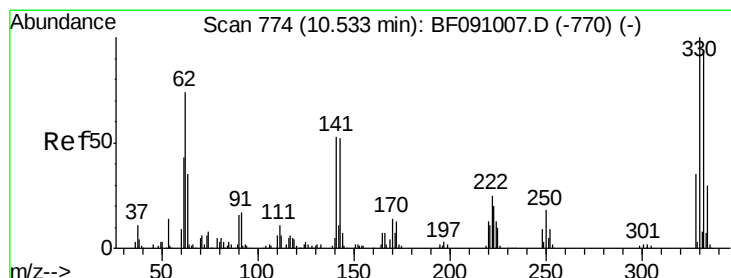
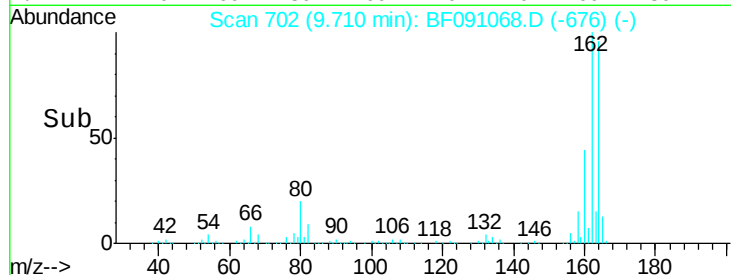
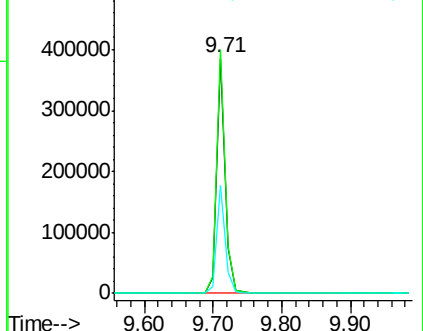
160 46.0 37.9 56.9



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: 62.86 ng

RT: 10.50 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF091068.D

Acq: 7 Nov 2016 20:50

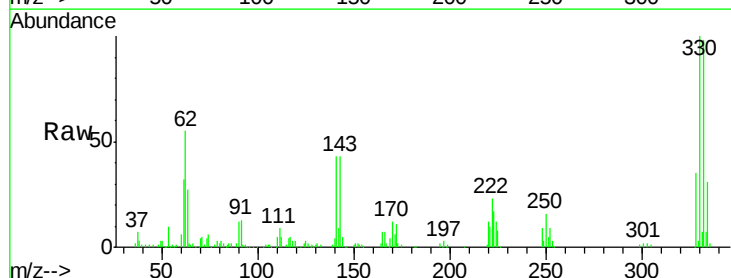
Tgt Ion:330 Resp: 194812

Ion Ratio Lower Upper

330 100

332 98.3 75.9 113.9

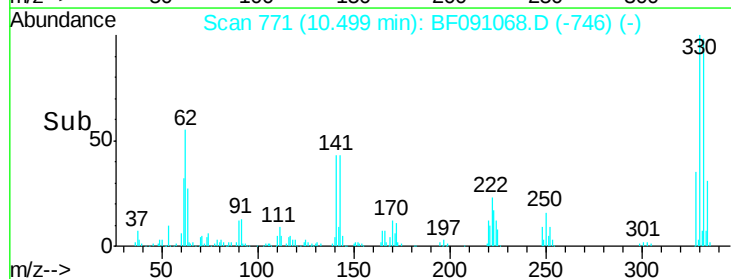
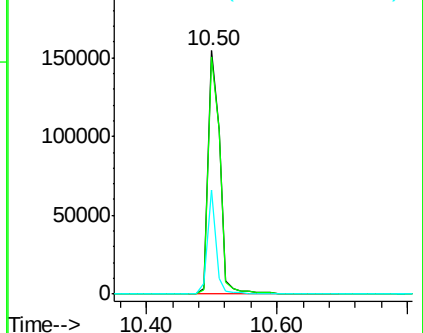
141 31.3 36.1 54.1#

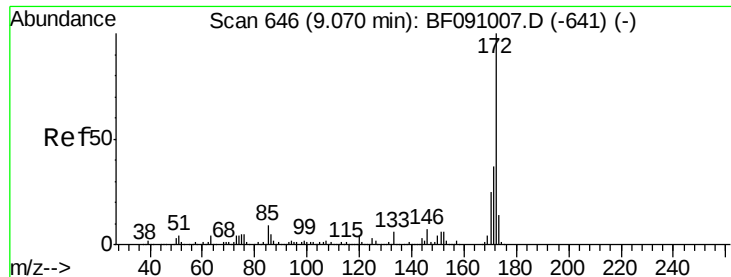


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

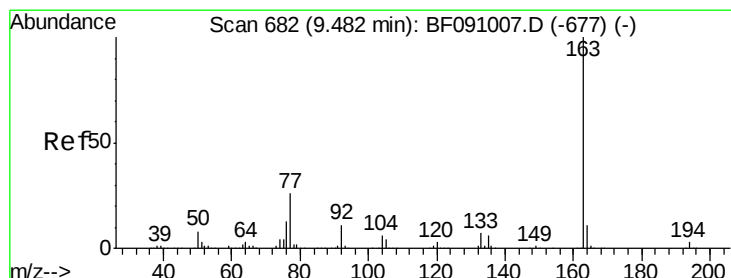
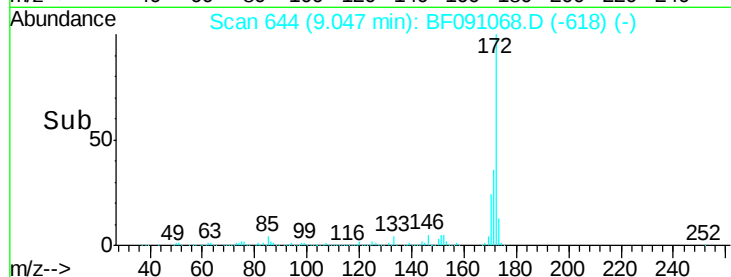
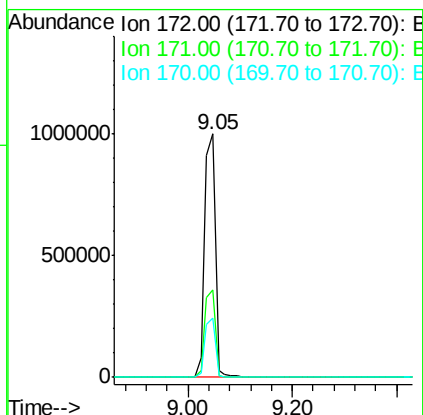
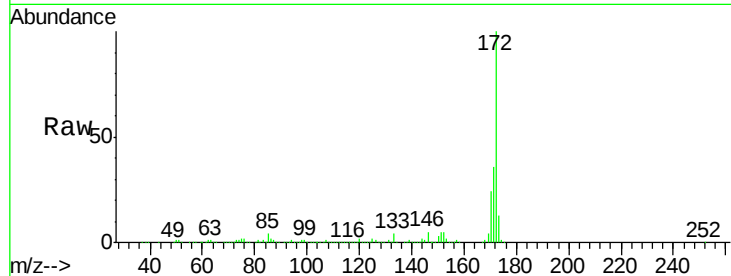




#44
2-Fluorobiphenyl
Concen: 71.51 ng
RT: 9.05 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

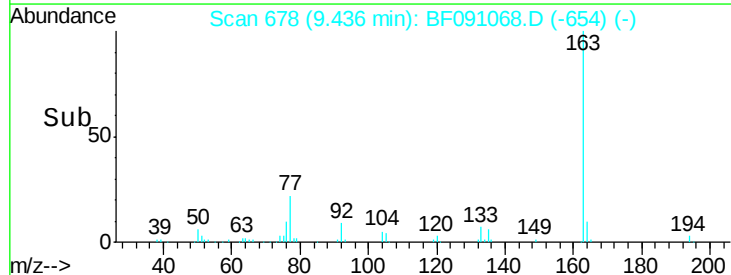
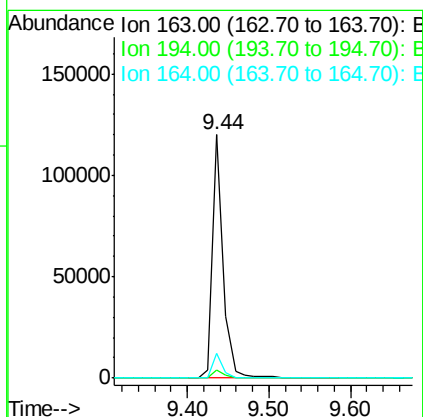
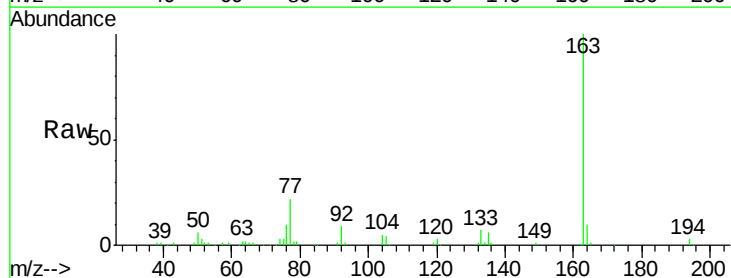
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BNA_F
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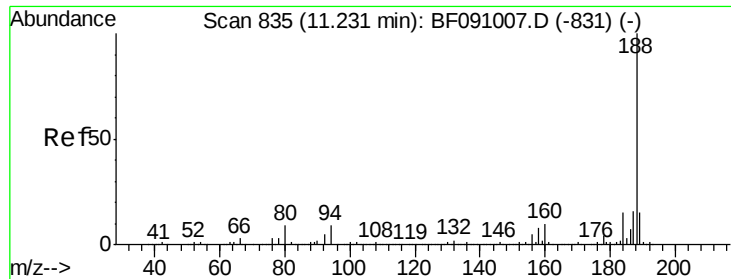
Tot Ion:172 Resp: 1423801
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.2 20.3 30.5



#49
Dimethylphthalate
Concen: 4.98 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

Tgt Ion:163 Resp: 112041
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 8.7 13.1

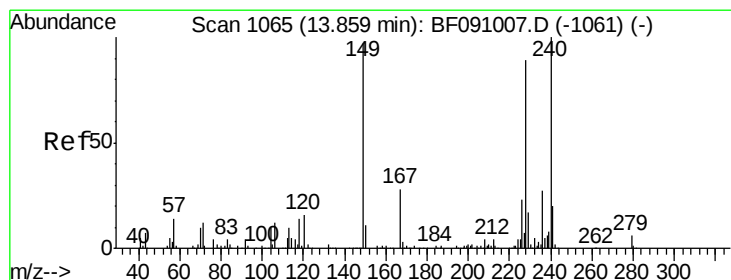
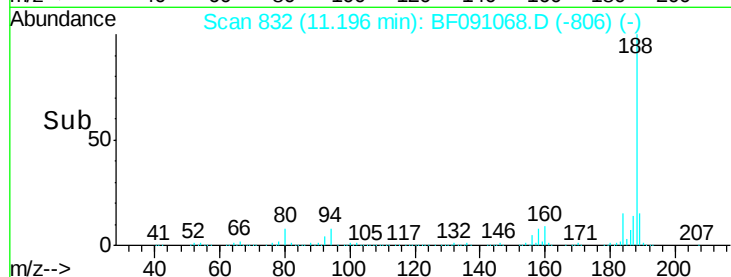
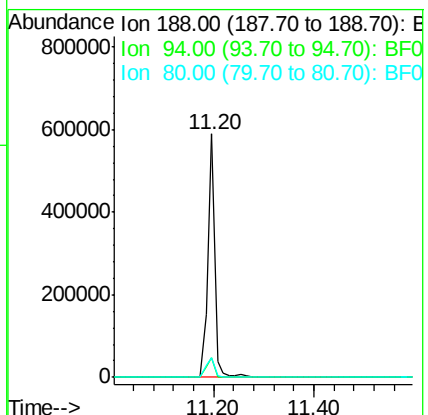
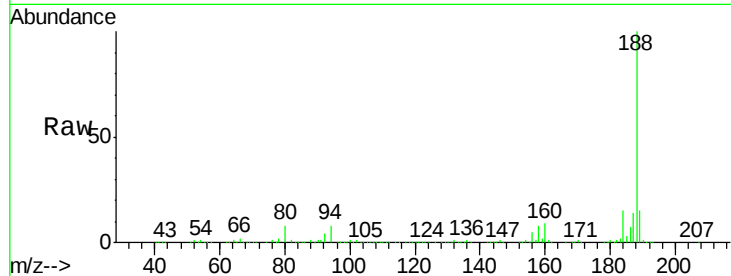




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

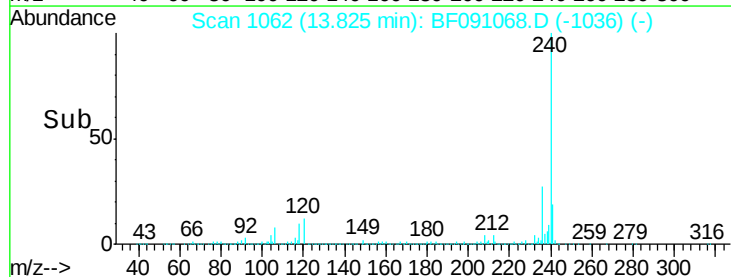
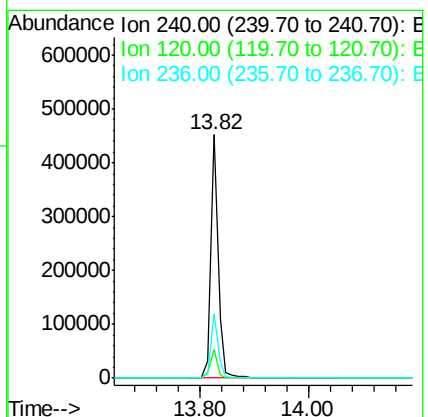
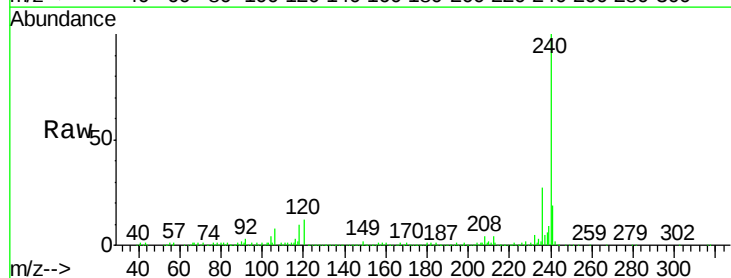
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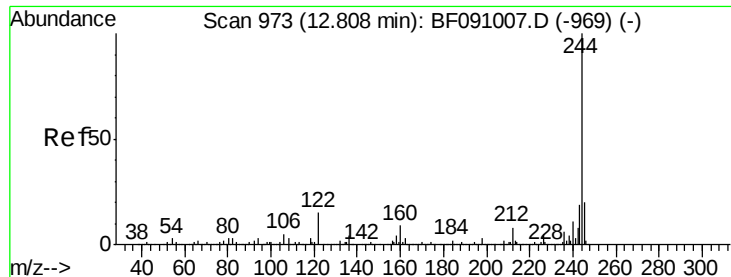
Tot Ion:188 Resp: 566315
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.4
80 8.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF091068.D
Acq: 7 Nov 2016 20:50

Tgt Ion:240 Resp: 433822
Ion Ratio Lower Upper
240 100
120 11.8 12.9 19.3#
236 26.7 21.9 32.9

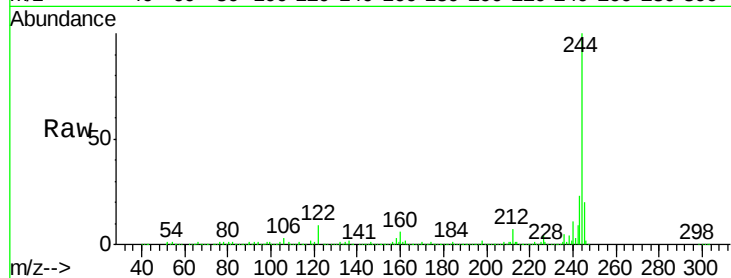




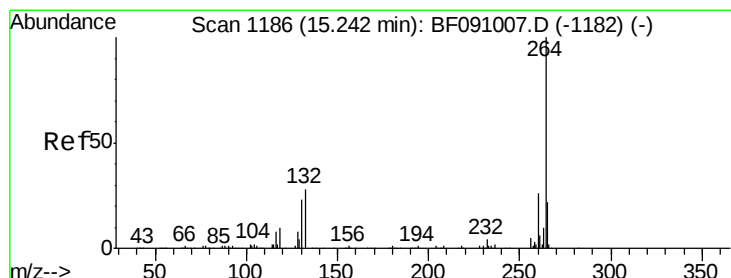
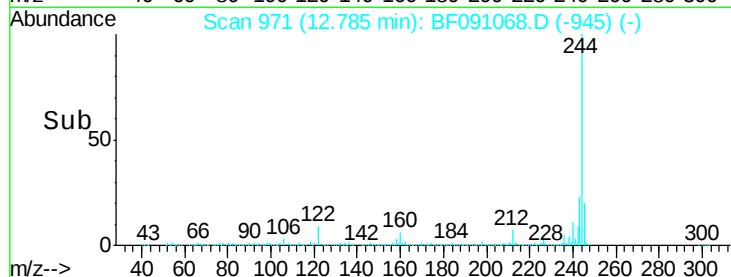
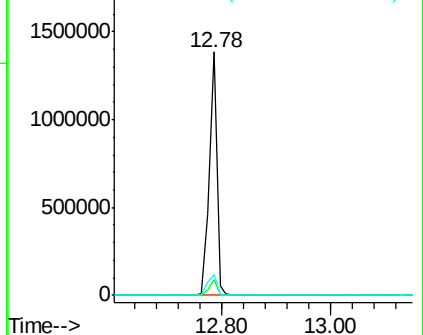
#78
 Terphenyl-d14
 Concen: 77.00 ng
 RT: 12.78 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF091068.D
 Acq: 7 Nov 2016 20:50

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 1338612
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.4 9.6
 122 8.7 12.3 18.5#

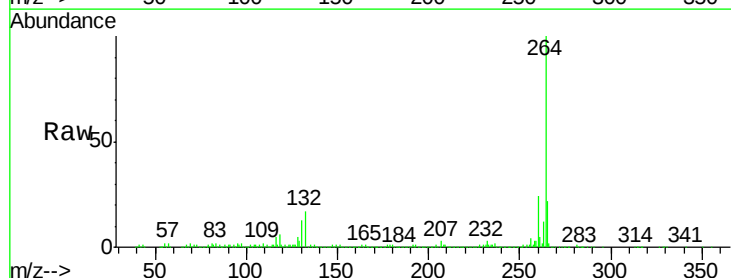


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF091068.D
 Acq: 7 Nov 2016 20:50

Tgt Ion:264 Resp: 379099
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.6 30.8
 265 21.7 17.8 26.8



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

