

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024626.D
 Acq On : 2 Nov 2016 13:26
 Operator : UM/SJ
 Sample : H5491-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-DUP-102816

Quant Time: Nov 02 14:09:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

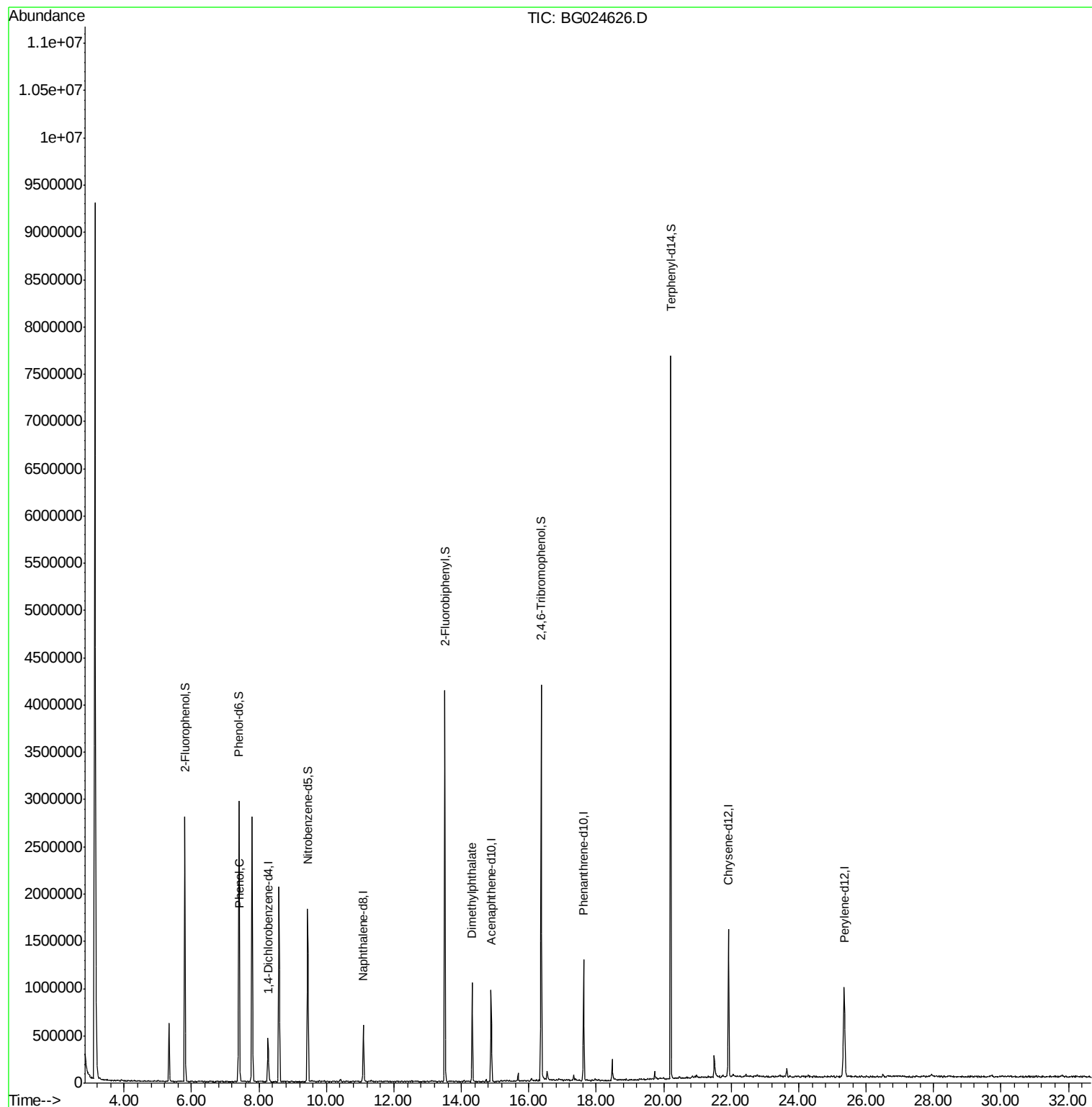
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	126386	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	492179	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	363807	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	811750	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1097519	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1140571	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1159147	150.32	ng	0.00
7) Phenol-d6	7.41	99	1623588	153.49	ng	0.00
23) Nitrobenzene-d5	9.45	82	1141964	105.64	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	855615	157.42	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2097459	95.82	ng	0.00
78) Terphenyl-d14	20.21	244	3098428	84.36	ng	0.00
Target Compounds						
10) Phenol	7.43	94	28459	2.61	ng	Qvalue # 47
49) Dimethylphthalate	14.32	163	674081	26.10	ng	96

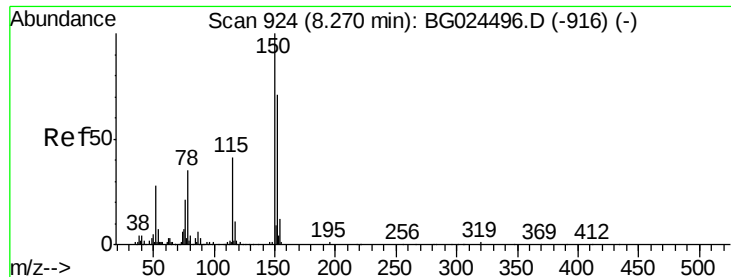
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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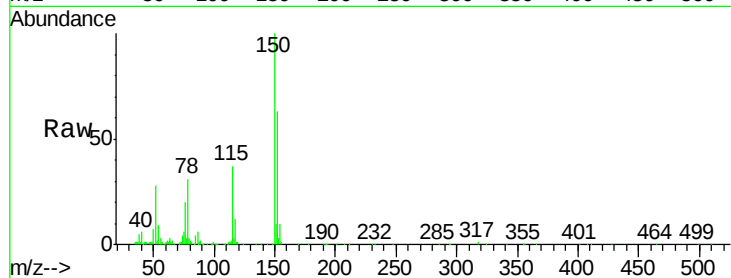


#1

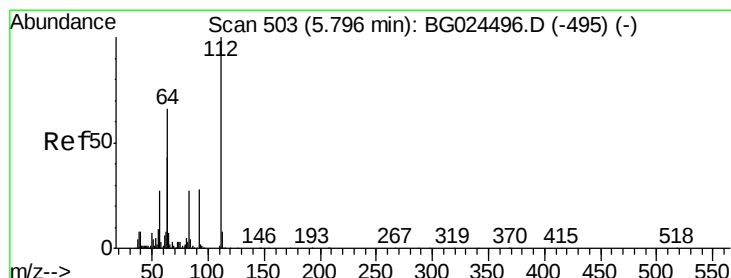
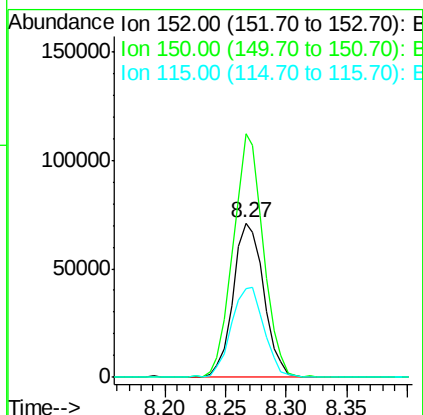
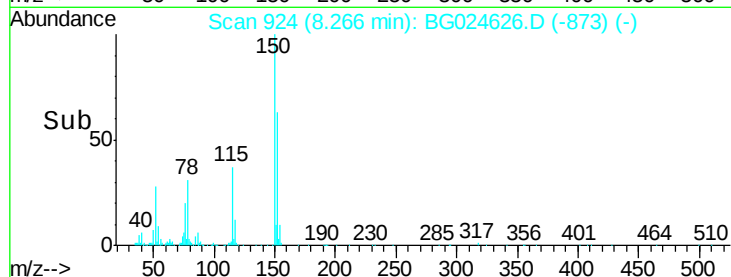
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024626.D
Acq: 2 Nov 2016 13:26

Instrument :
BNA_G
ClientSampleId :
SB-DUP-102816

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	114.0	171.0
115	57.8	48.1	72.1



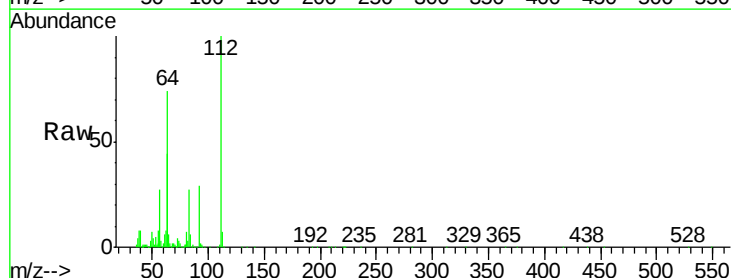
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



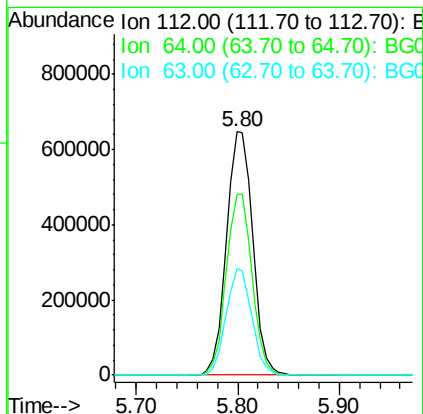
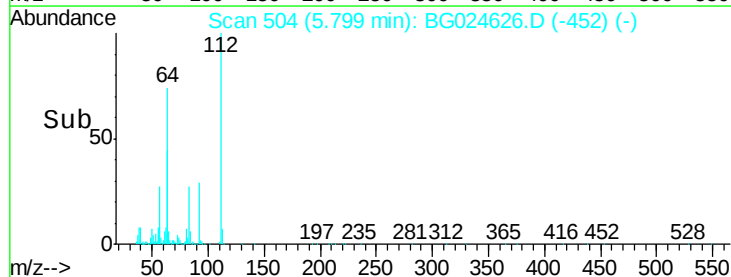
#5

2-Fluorophenol
Concen: 150.32 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024626.D
Acq: 2 Nov 2016 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	61.8	92.6
63	43.9	37.2	55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 153.49 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024626.D

Acq: 2 Nov 2016 13:26

Instrument :

BNA_G

ClientSampleId :

SB-DUP-102816

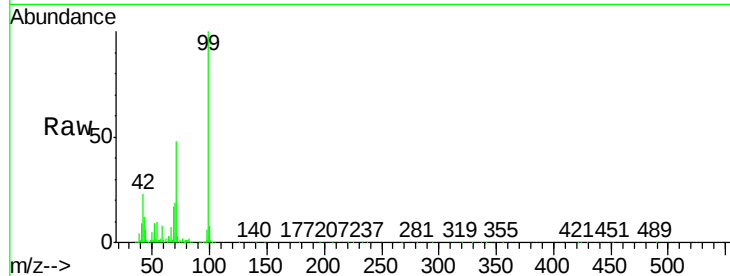
Tot Ion: 99 Resp: 1623588

Ion	Ratio	Lower	Upper
99	100		
42	23.1	20.5	30.7
71	48.1	37.6	56.4

99 100

42 23.1 20.5 30.7

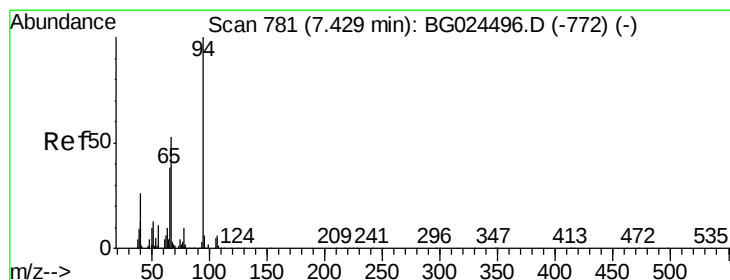
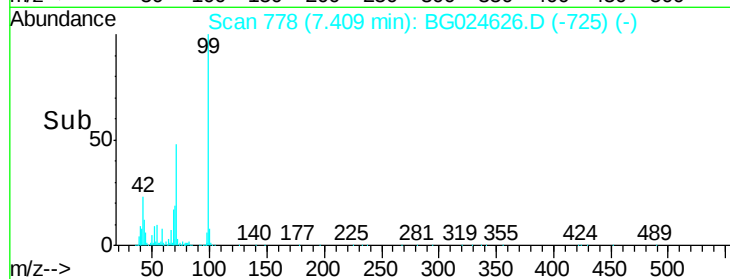
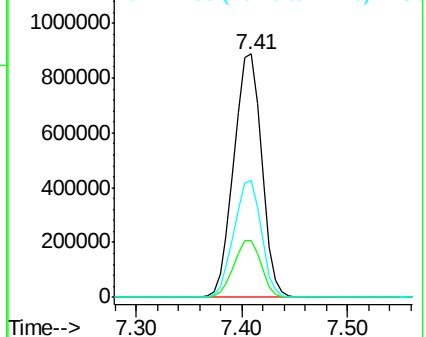
71 48.1 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.61 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024626.D

Acq: 2 Nov 2016 13:26

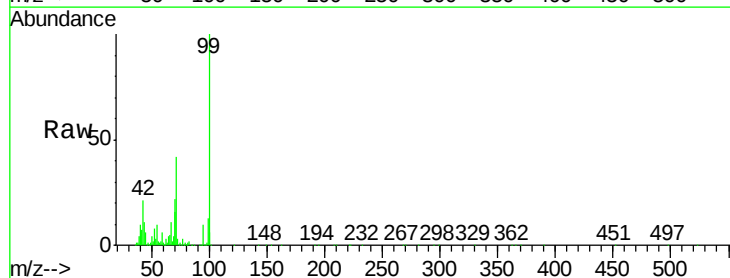
Tgt Ion: 94 Resp: 28459

Ion	Ratio	Lower	Upper
94	100		
65	54.4	20.6	60.6
66	110.5	35.5	75.5

94 100

65 54.4 20.6 60.6

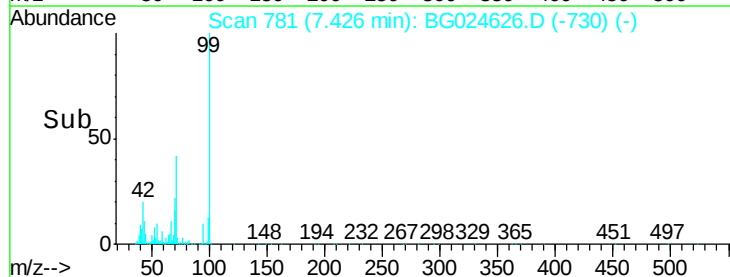
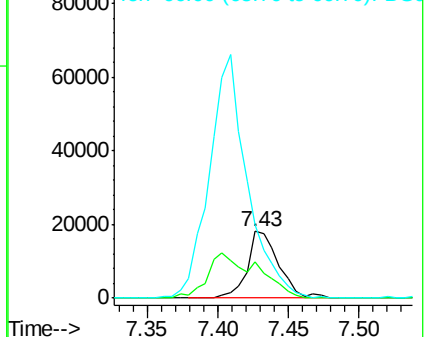
66 110.5 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

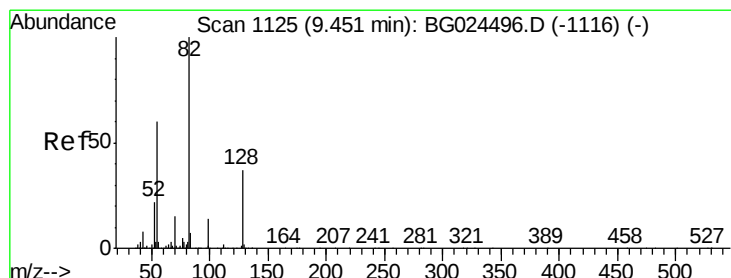
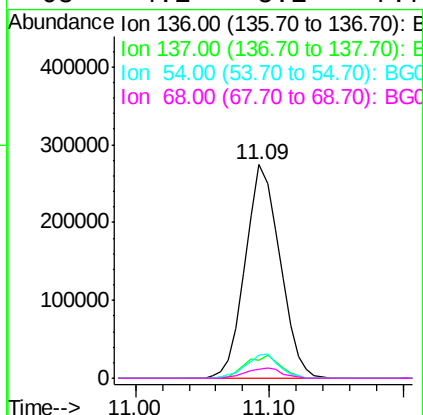
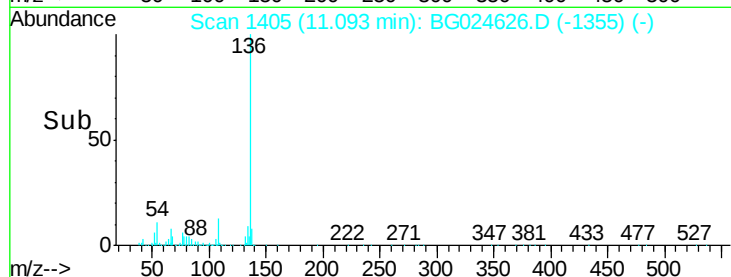
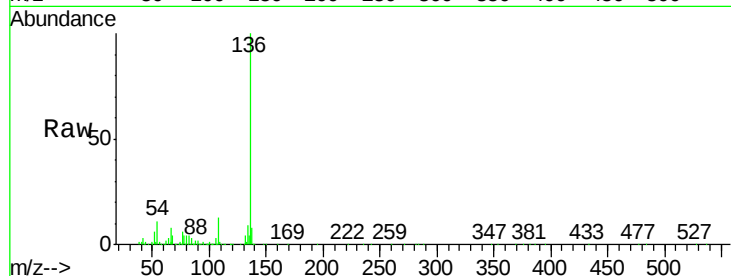




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024626.D
Acq: 2 Nov 2016 13:26

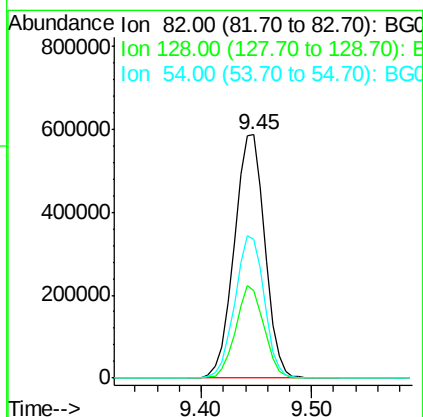
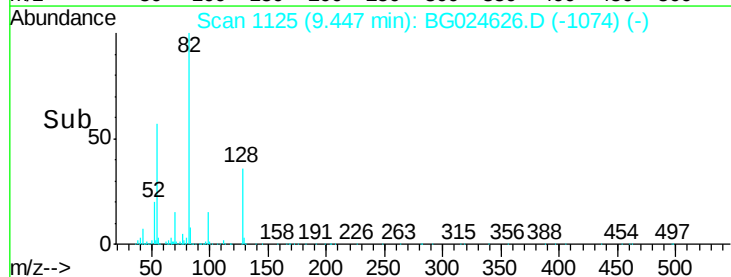
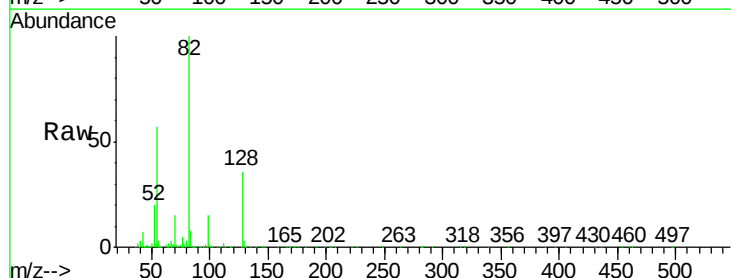
Instrument :
BNA_G
ClientSampleId :
SB-DUP-102816

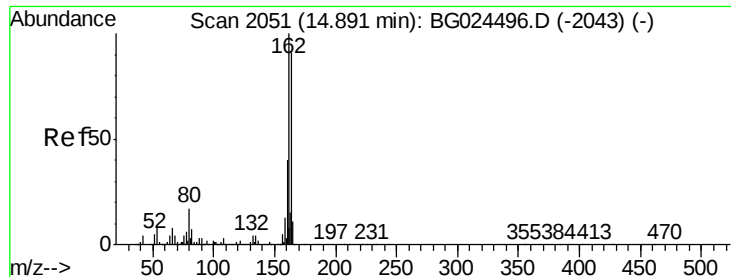
Tot Ion:136	Resp:	492179
Ion Ratio	Lower	Upper
136	100	
137	8.4	8.9 13.3#
54	10.7	9.3 13.9
68	4.1	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 105.64 ng
RT: 9.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG024626.D
Acq: 2 Nov 2016 13:26

Tgt Ion: 82	Resp:	1141964
Ion Ratio	Lower	Upper
82	100	
128	36.0	26.4 39.6
54	57.1	49.4 74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024626.D

Acq: 2 Nov 2016 13:26

Instrument :

BNA_G

ClientSampleId :

SB-DUP-102816

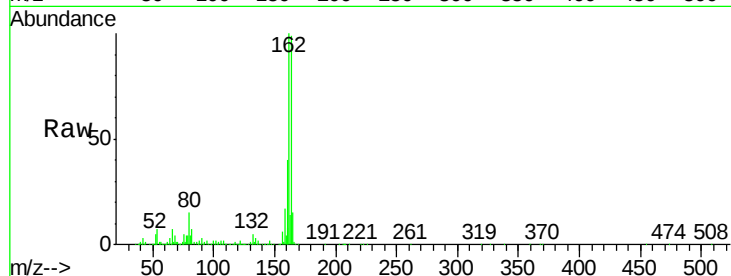
Tot Ion:164 Resp: 363807

Ion Ratio Lower Upper

164 100

162 101.1 85.1 127.7

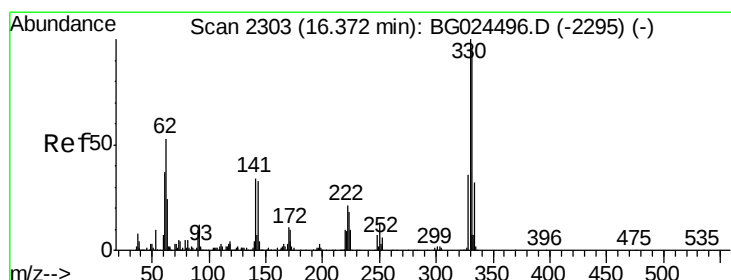
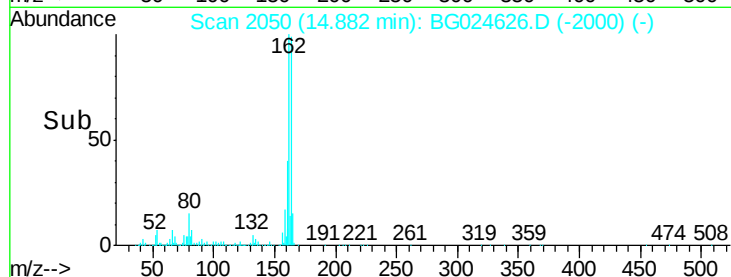
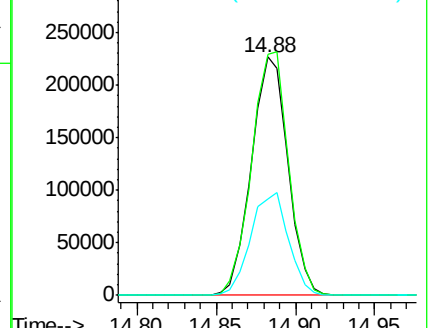
160 40.6 34.7 52.1



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: 157.42 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024626.D

Acq: 2 Nov 2016 13:26

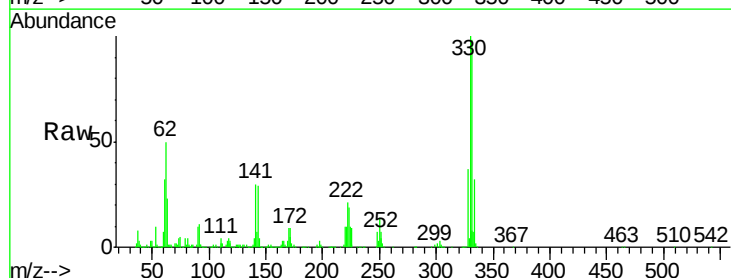
Tgt Ion:330 Resp: 855615

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

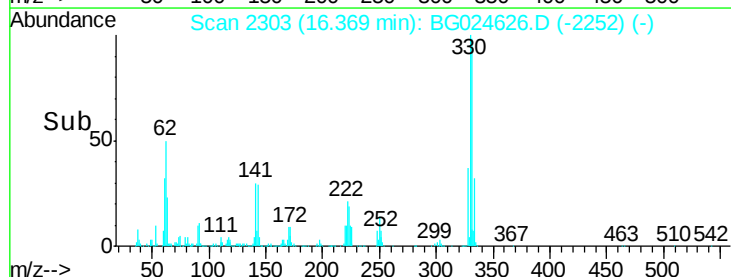
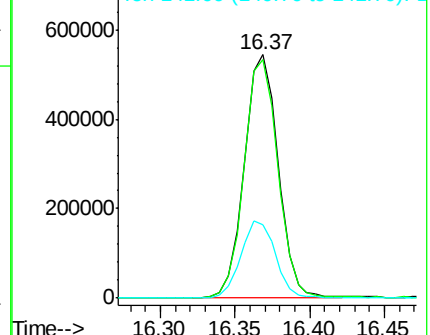
141 32.6 32.1 48.1

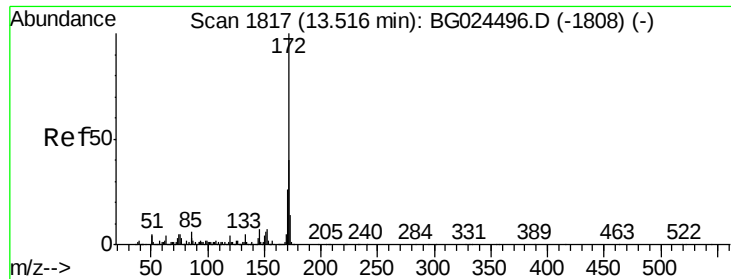


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

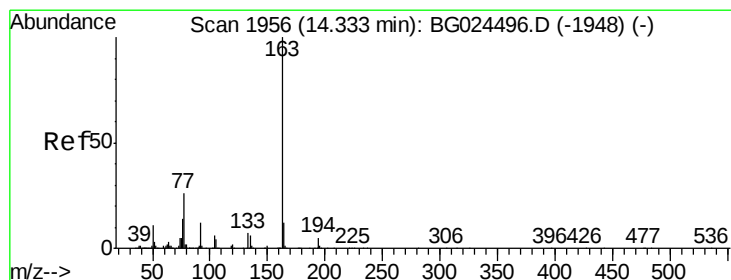
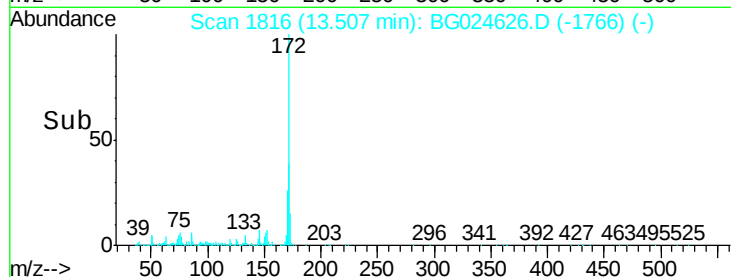
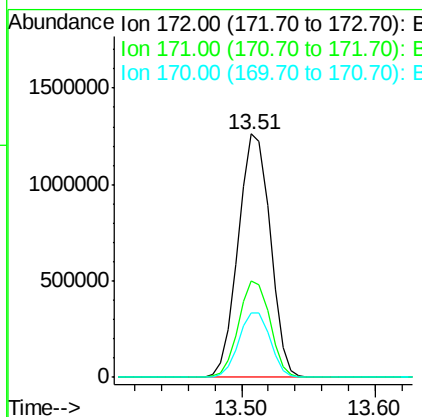
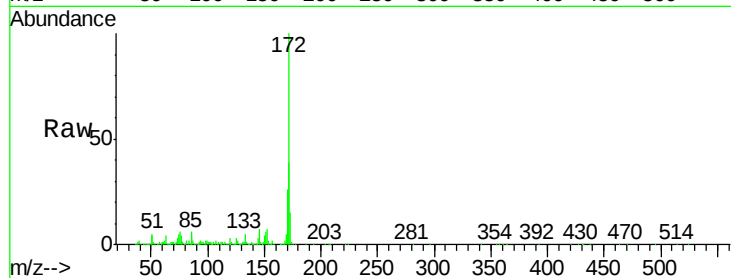




#44
2-Fluorobiphenyl
Concen: 95.82 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024626.D
Acq: 2 Nov 2016 13:26

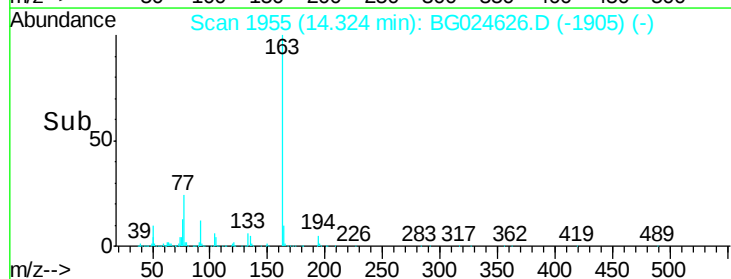
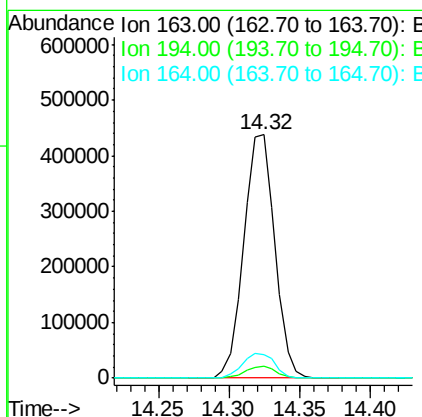
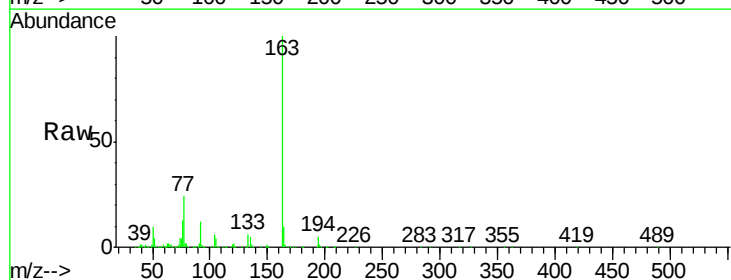
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BNA_G
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SB-DUP-102816

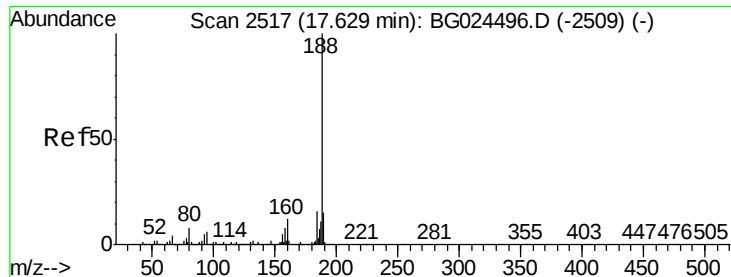
Tot Ion:172 Resp: 2097459
Ion Ratio Lower Upper
172 100
171 39.5 32.2 48.2
170 26.3 21.8 32.6



#49
Dimethylphthalate
Concen: 26.10 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024626.D
Acq: 2 Nov 2016 13:26

Tgt Ion:163 Resp: 674081
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 9.6 9.3 13.9

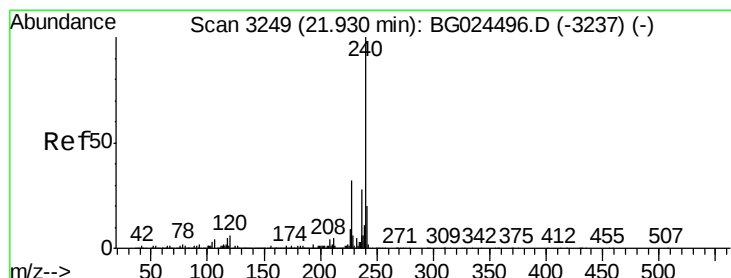
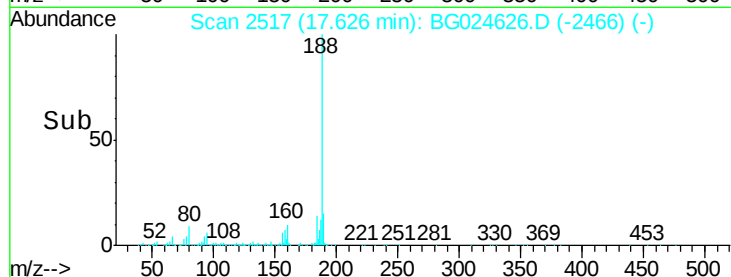
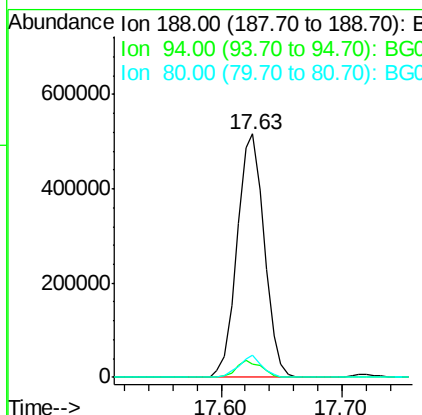
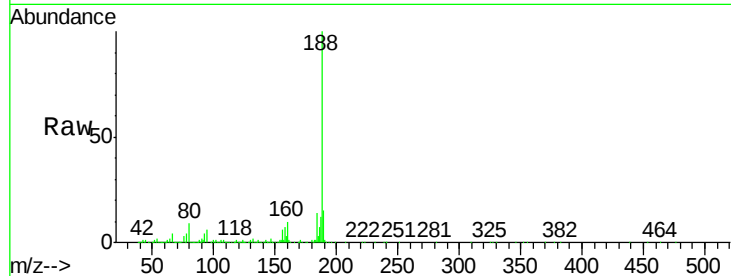




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024626.D
Acq: 2 Nov 2016 13:26

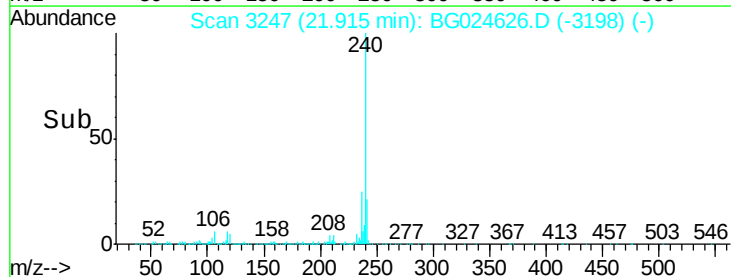
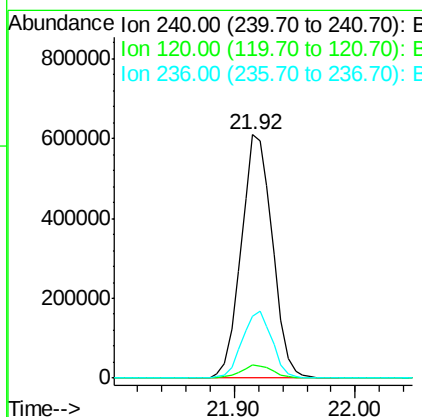
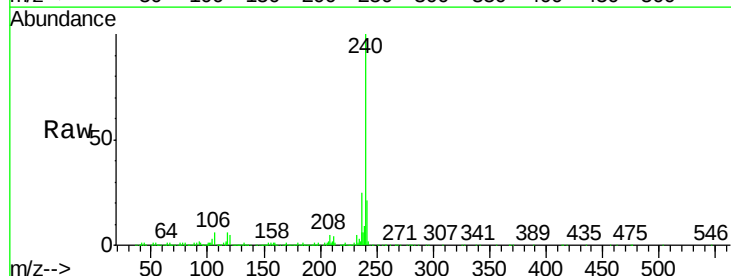
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BNA_G
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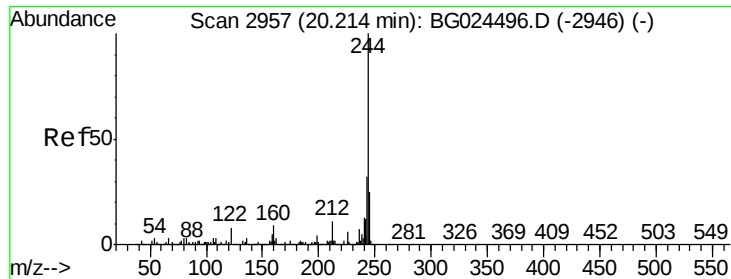
Tot Ion:188 Resp: 811750
Ion Ratio Lower Upper
188 100
94 5.7 5.8 8.8#
80 9.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024626.D
Acq: 2 Nov 2016 13:26

Tgt Ion:240 Resp: 1097519
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 25.4 22.2 33.4





#78

Terphenyl-d14

Concen: 84.36 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024626.D

Acq: 2 Nov 2016 13:26

Instrument :

BNA_G

ClientSampleId :

SB-DUP-102816

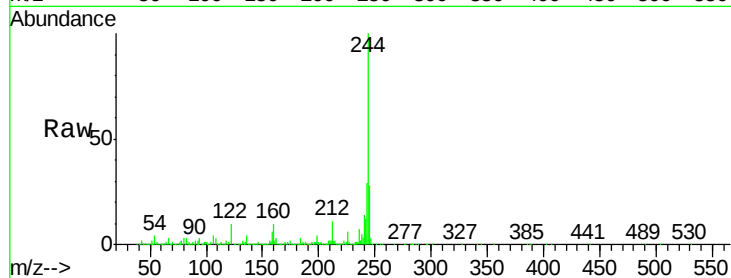
Tot Ion:244 Resp: 3098428

Ion Ratio Lower Upper

244 100

212 11.0 10.0 15.0

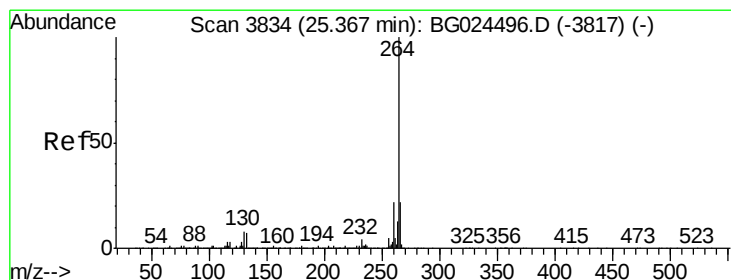
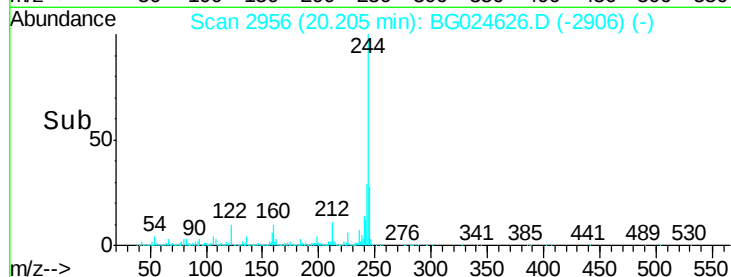
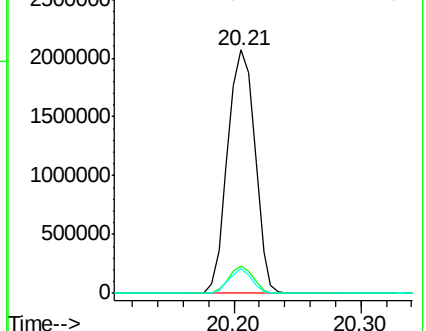
122 10.3 8.6 12.8



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: 25.35 min Scan# 3832

Delta R.T. -0.01 min

Lab File: BG024626.D

Acq: 2 Nov 2016 13:26

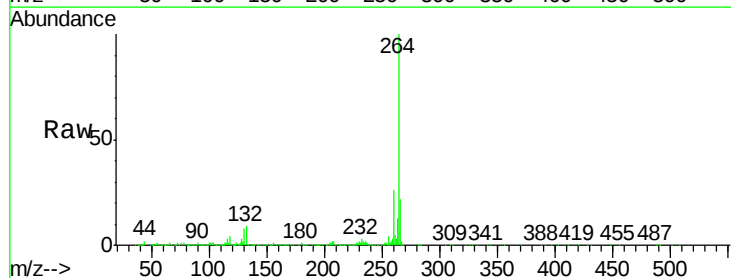
Tgt Ion:264 Resp: 1140571

Ion Ratio Lower Upper

264 100

260 25.8 21.8 32.8

265 22.2 18.2 27.4



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

