

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000390.D
 Acq On : 24 Sep 2019 17:48
 Operator : JU
 Sample : K5008-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-8

Quant Time: Sep 25 01:46:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

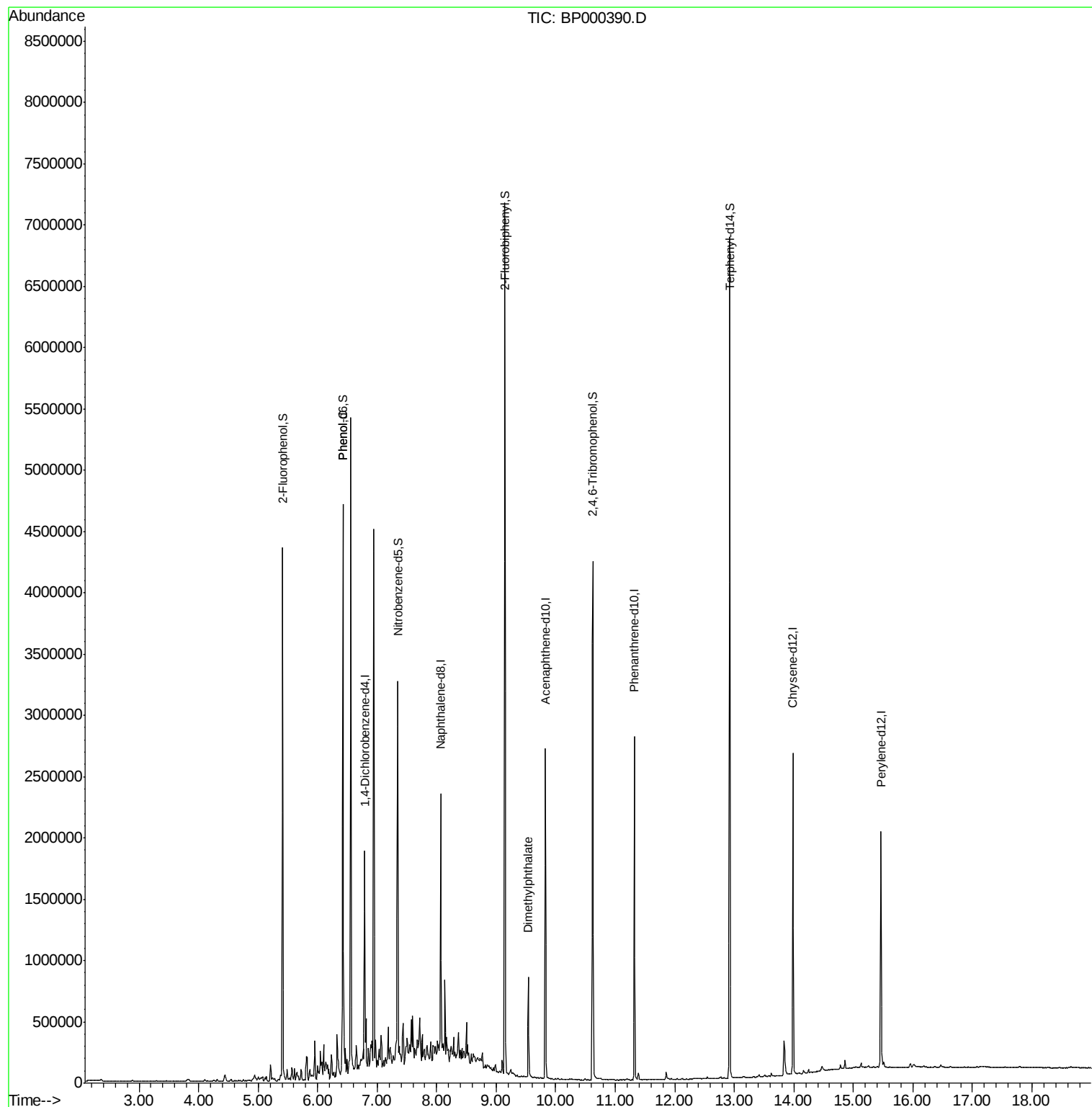
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	241882	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	878761	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	493497	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	922887	20.00	ng	0.00
76) Chrysene-d12	13.99	240	806282	20.00	ng	-0.01
87) Perylene-d12	15.46	264	871973	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1403377	100.16	ng	0.00
7) Phenol-d6	6.43	99	1788511	104.14	ng	0.00
23) Nitrobenzene-d5	7.35	82	986267	72.41	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	520043	106.24	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1962453	71.57	ng	0.00
79) Terphenyl-d14	12.92	244	2377222	61.85	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	53166	2.725	ng	82
50) Dimethylphthalate	9.54	163	289963	8.624	ng	99

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

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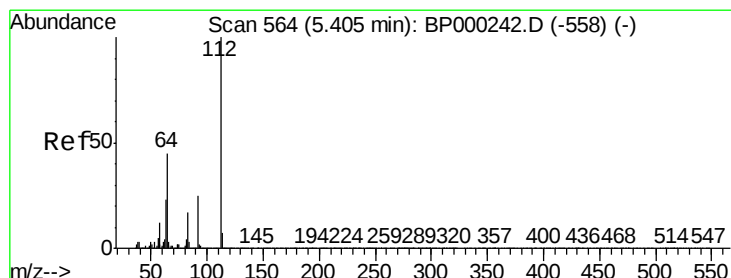
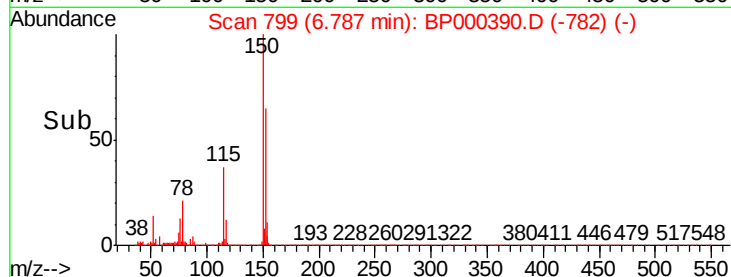
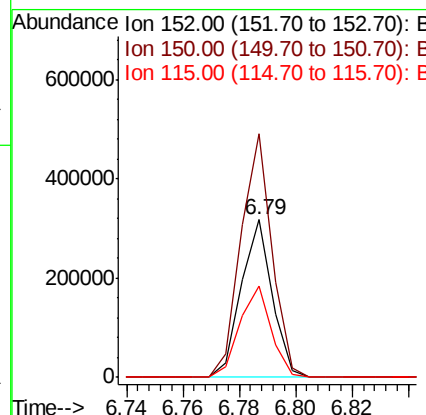
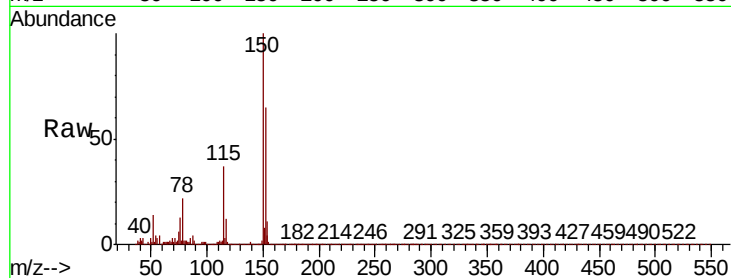


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

Instrument :
BNA_P
ClientSampleId :
SB-8

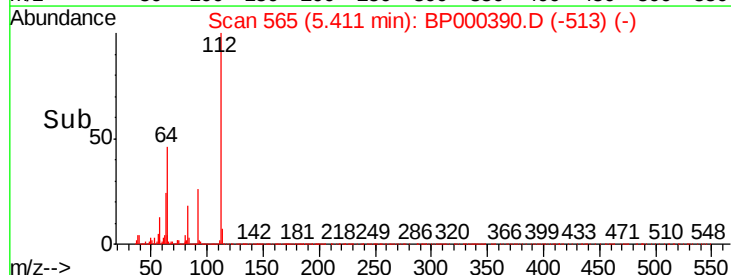
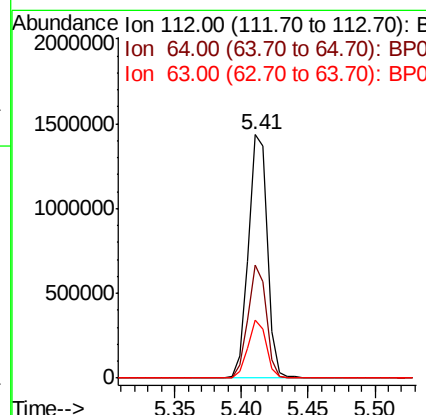
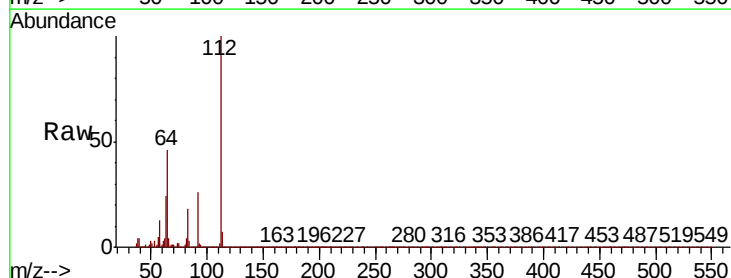
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.2	187.8
115	57.6	49.7	74.5

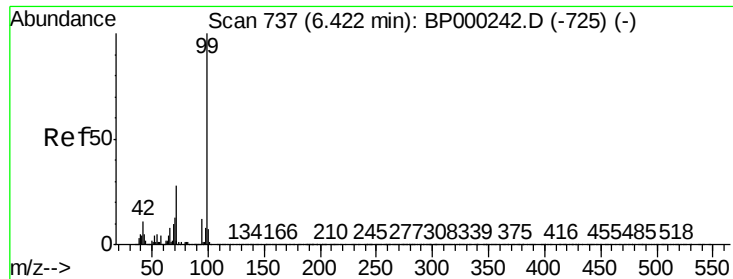


#5

2-Fluorophenol
Concen: 100.161 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.3	36.2	54.4
63	23.7	18.3	27.5





#7

Phenol-d6

Concen: 104.136 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

Instrument :

BNA_P

ClientSampled :

SB-8

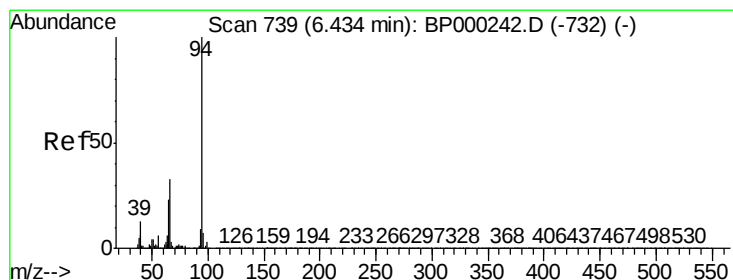
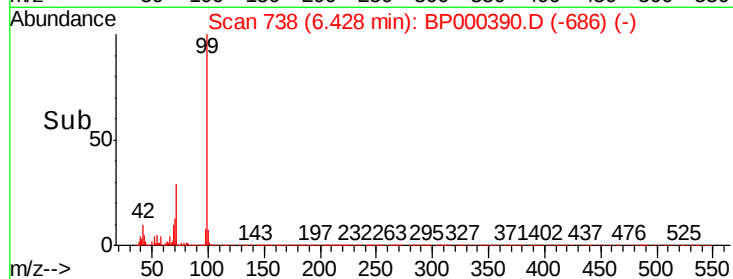
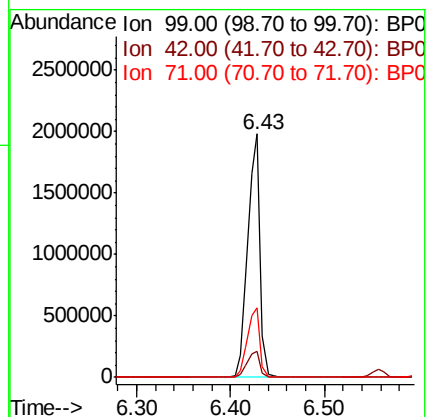
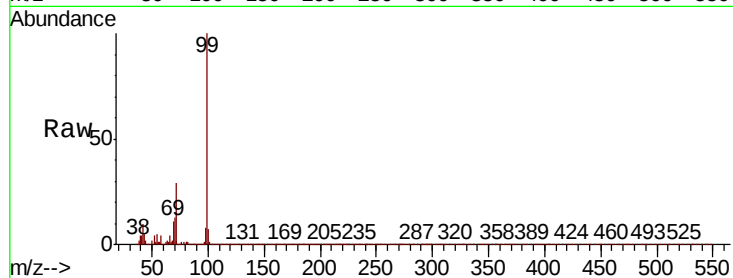
Tot Ion: 99 Resp: 1788511

Ion Ratio Lower Upper

99 100

42 10.4 8.5 12.7

71 28.6 22.6 34.0



#10

Phenol

Concen: 2.725 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

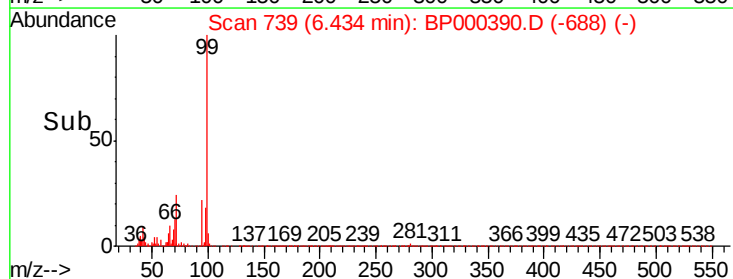
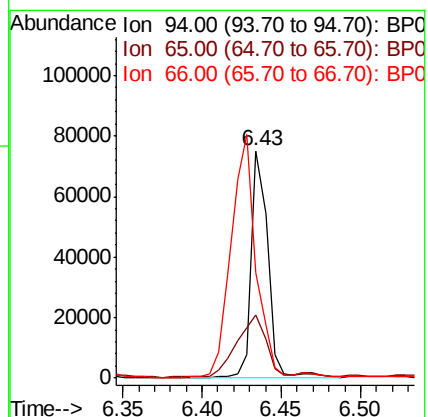
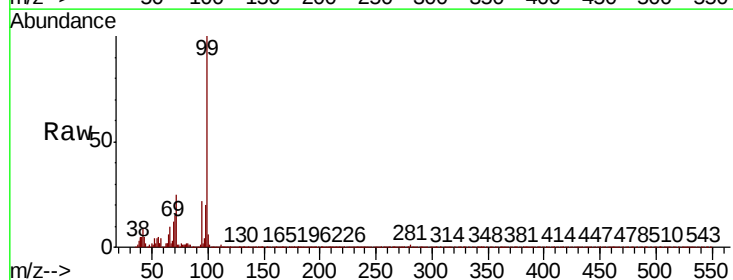
Tgt Ion: 94 Resp: 53166

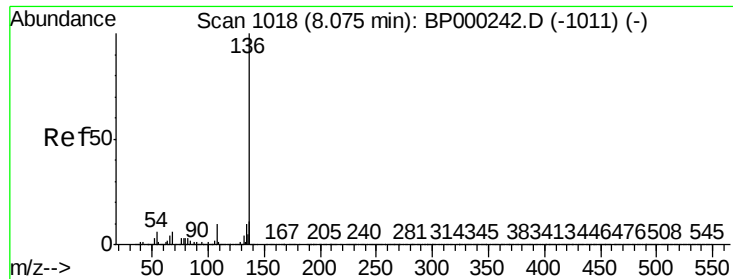
Ion Ratio Lower Upper

94 100

65 27.6 3.3 43.3

66 46.6 12.7 52.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

SB-8

Tot Ion:136 Resp: 878761

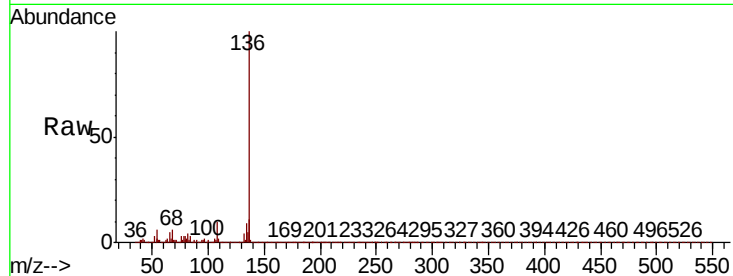
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 5.7 4.5 6.7

68 5.8 4.5 6.7

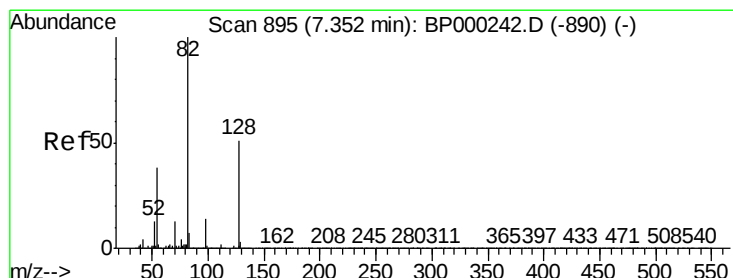
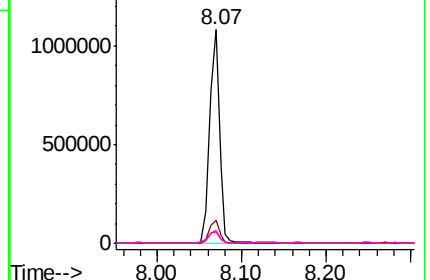
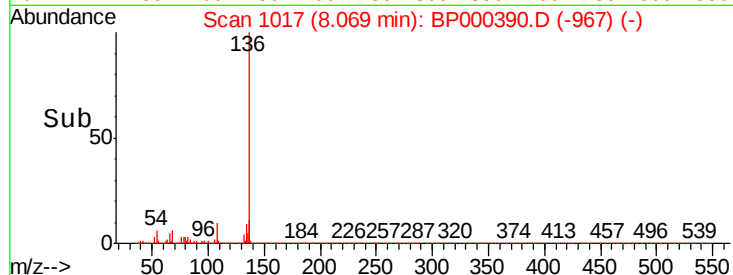


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 72.413 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

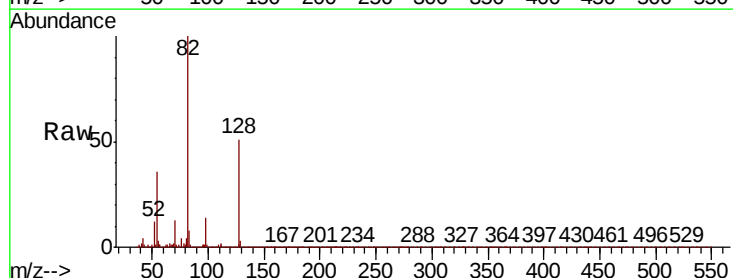
Tgt Ion: 82 Resp: 986267

Ion Ratio Lower Upper

82 100

128 51.1 40.7 61.1

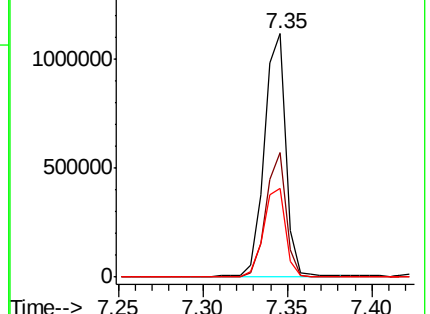
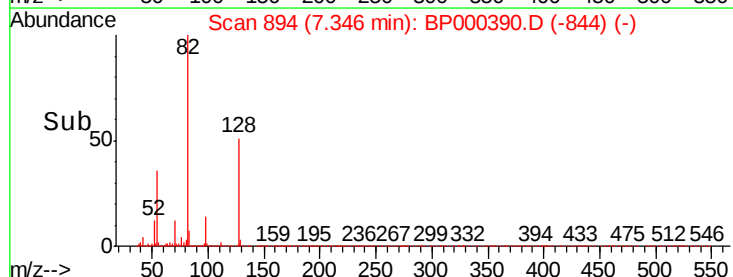
54 36.3 30.1 45.1

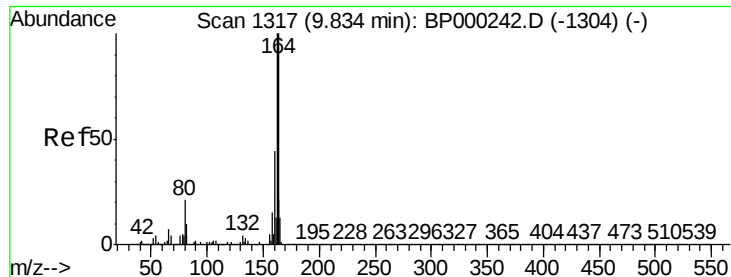


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

SB-8

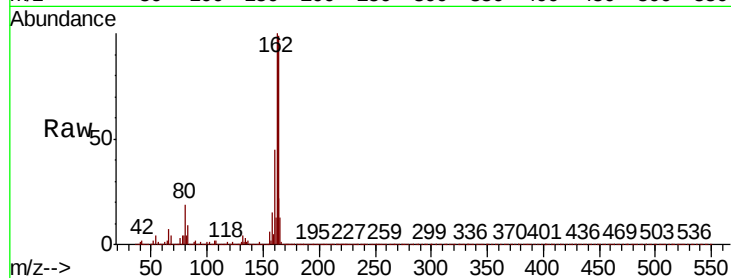
Tot Ion:164 Resp: 493497

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

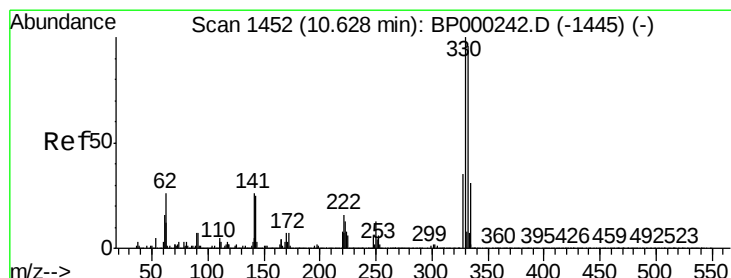
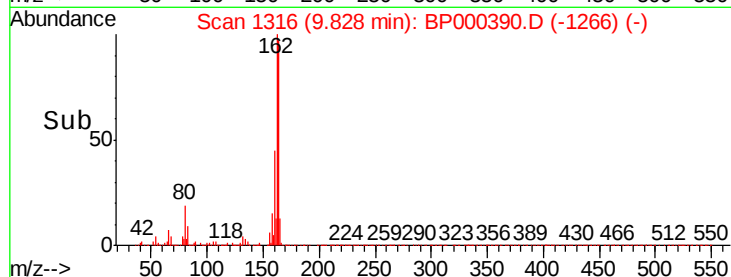
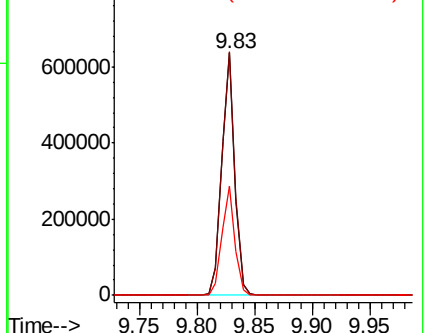
160 45.2 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 106.243 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

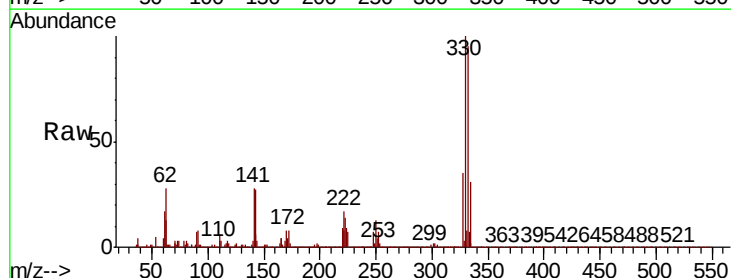
Tgt Ion:330 Resp: 520043

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

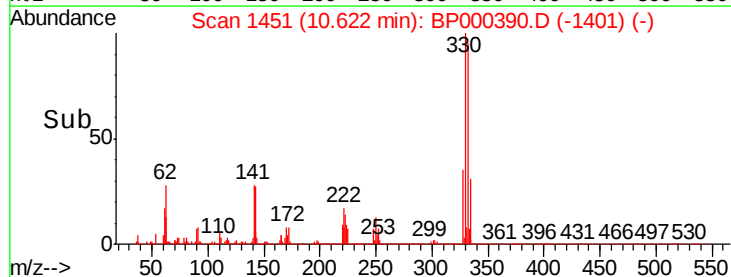
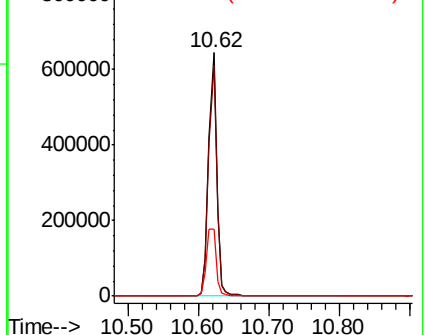
141 33.0 26.5 39.7

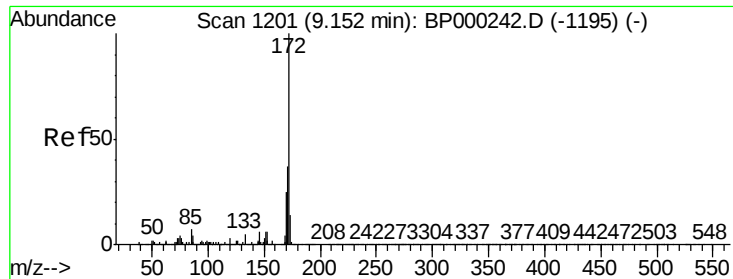


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



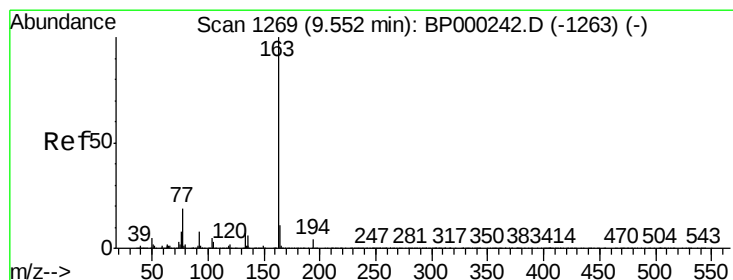
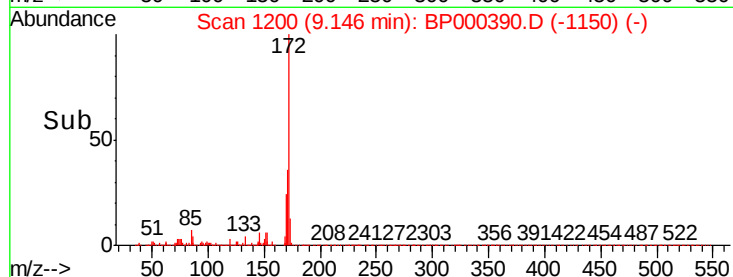
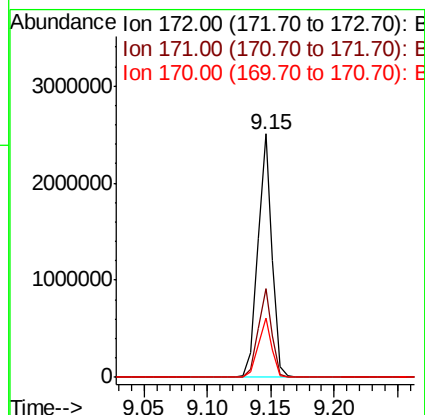
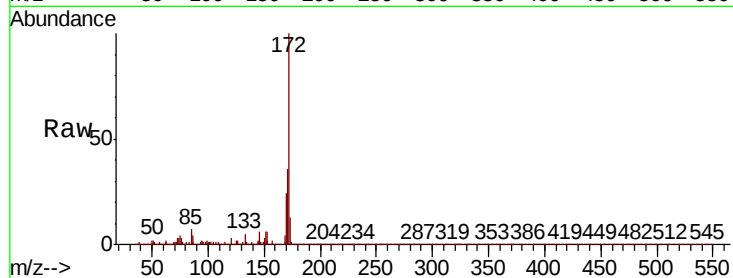


#45
2-Fluorobiphenyl
Concen: 71.572 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

Instrument :
BNA_P
ClientSampleId :
SB-8

Tot Ion:172 Resp: 1962453

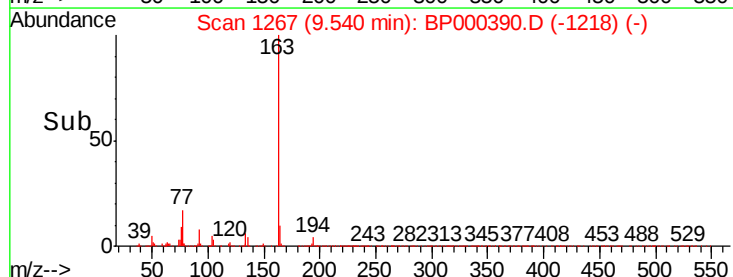
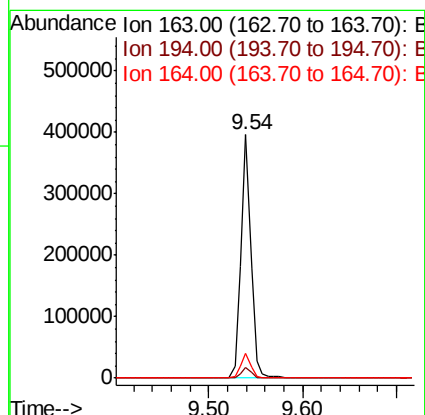
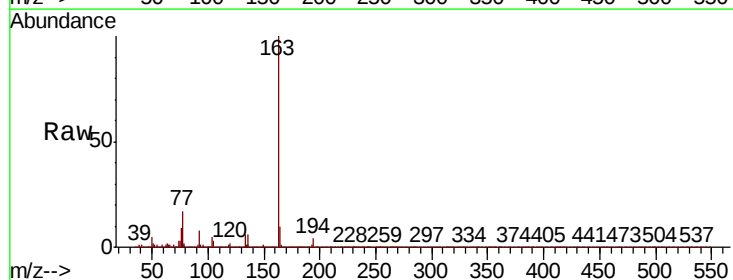
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.2	19.8	29.6

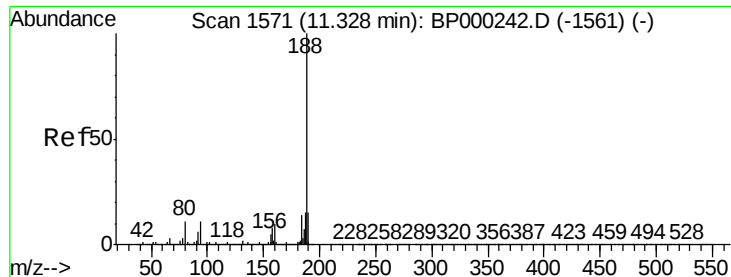


#50
Dimethylphthalate
Concen: 8.624 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000390.D
Acq: 24 Sep 2019 17:48

Tgt Ion:163 Resp: 289963

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

SB-8

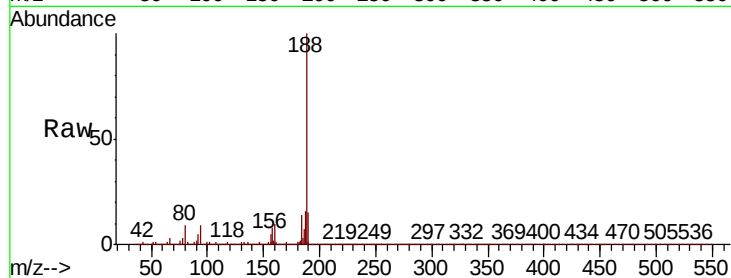
Tot Ion:188 Resp: 922887

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

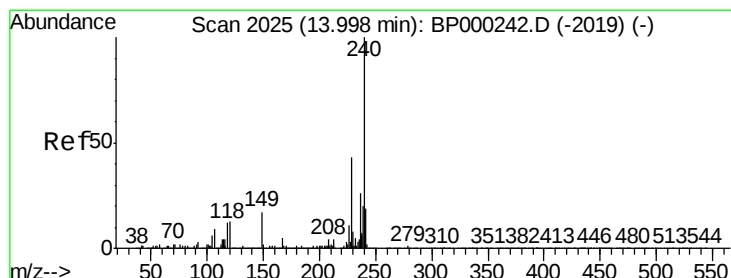
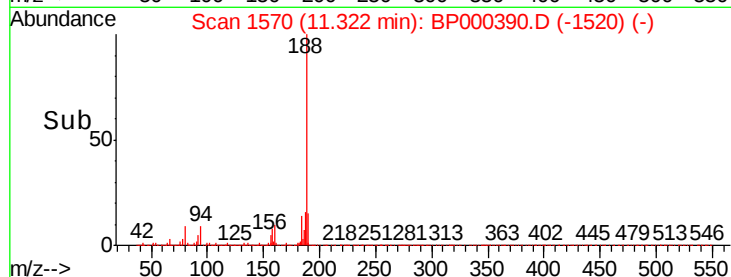
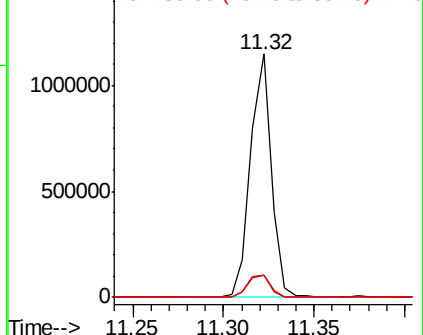
80 9.3 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

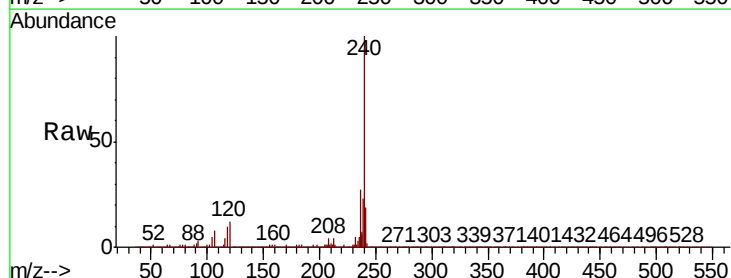
Tgt Ion:240 Resp: 806282

Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

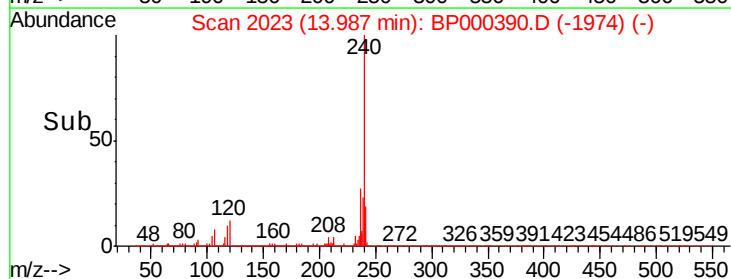
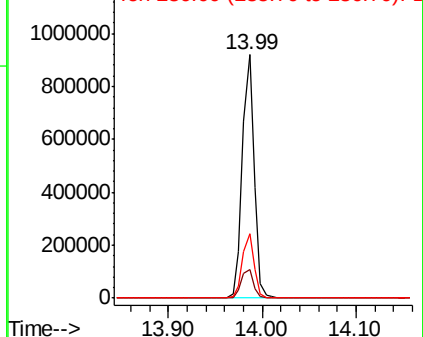
236 26.7 21.0 31.6

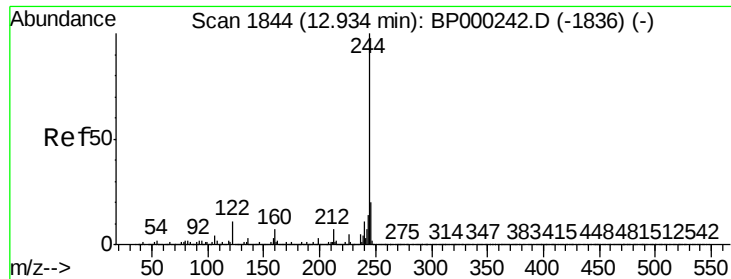


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.852 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

Instrument :

BNA_P

ClientSampleId :

SB-8

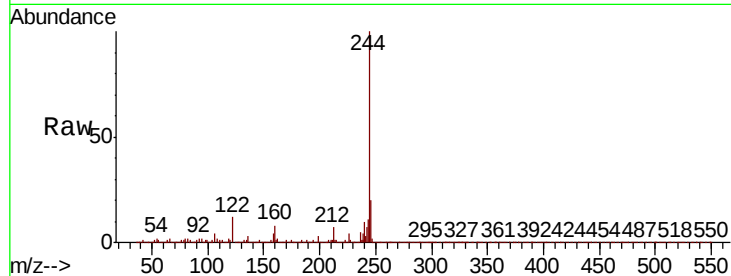
Tot Ion:244 Resp: 2377222

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

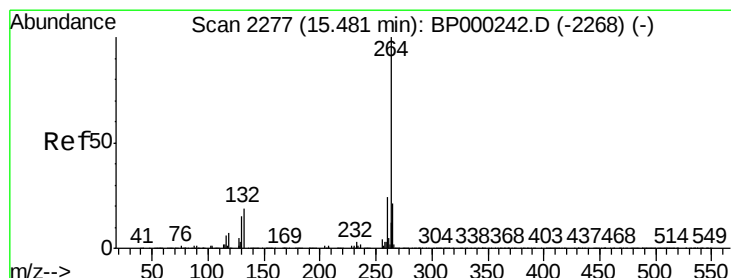
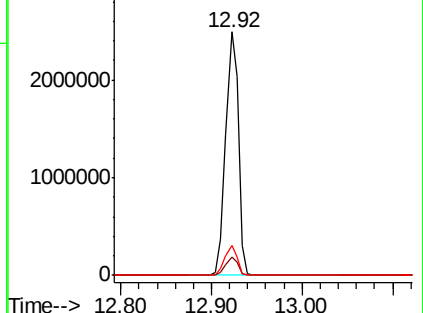
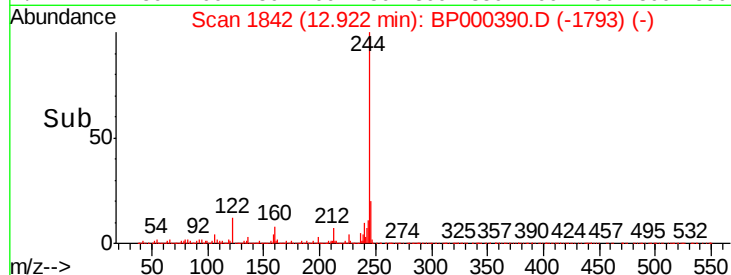
122 12.2 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BP000390.D

Acq: 24 Sep 2019 17:48

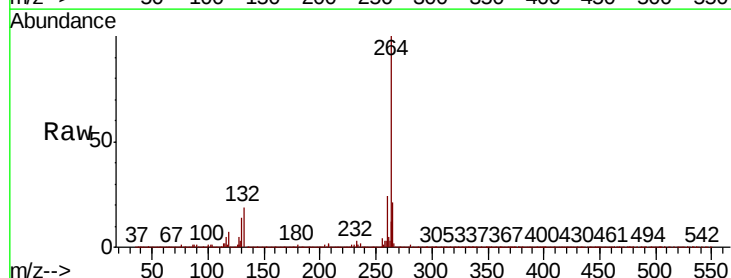
Tgt Ion:264 Resp: 871973

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.4 17.2 25.8



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

