

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112461.D
 Acq On : 8 Feb 2019 15:58
 Operator : JU/SJ
 Sample : K1404-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C12-SS2-3.5-4.0

Quant Time: Feb 09 05:33:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

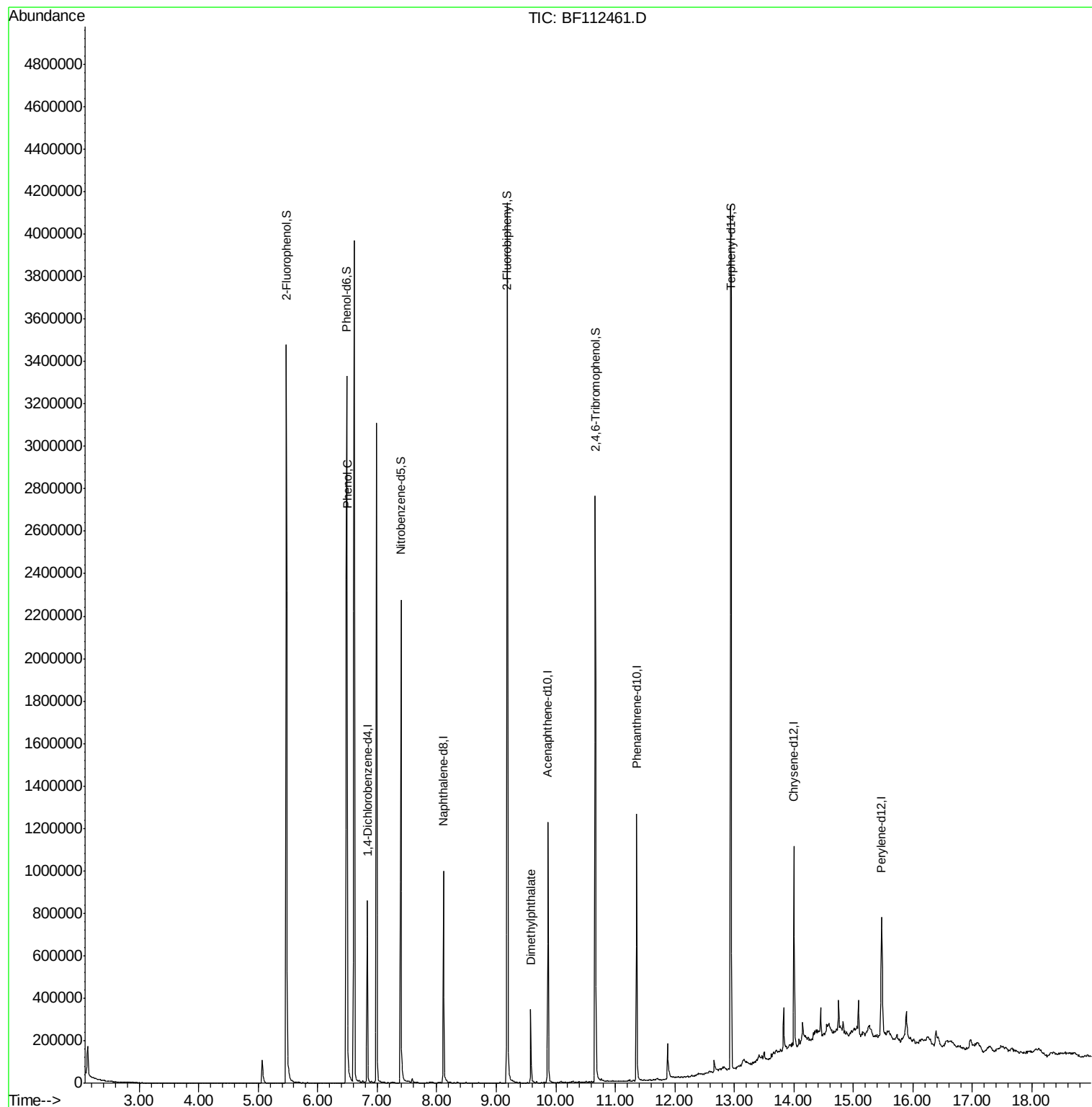
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	137101	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	514520	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	246116	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	476393	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	332716	20.00	ng	0.00
87) Perylene-d12	15.47	264	302874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1037199	160.69	ng	0.00
7) Phenol-d6	6.49	99	1297769	144.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	815558	91.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	365140	127.46	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1477024	84.88	ng	-0.01
79) Terphenyl-d14	12.94	244	1412493	79.96	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	62878	6.390	ng	81
50) Dimethylphthalate	9.58	163	152027	7.950	ng	99

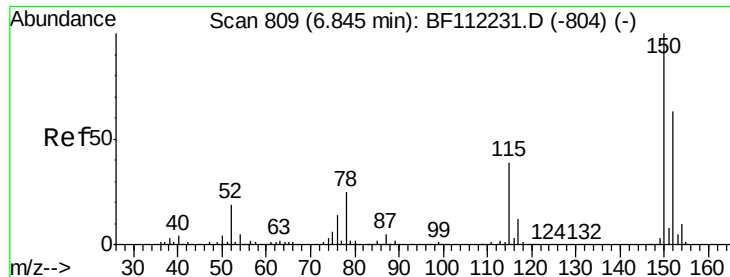
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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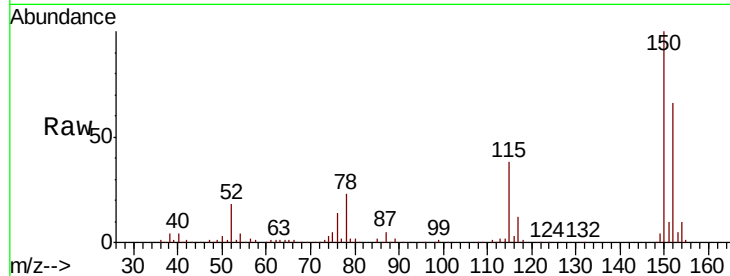


#1

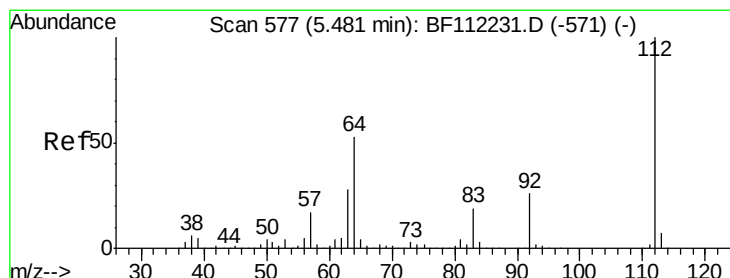
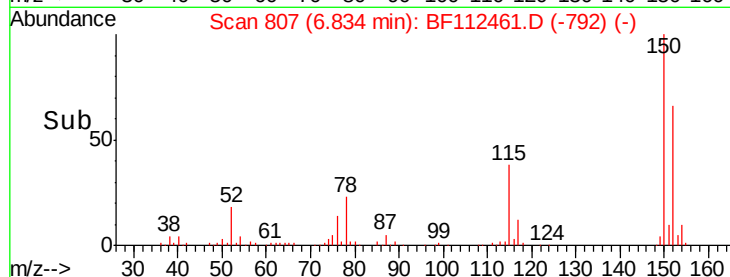
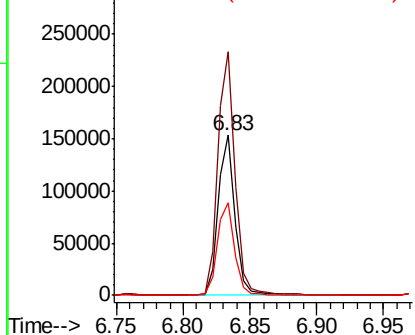
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Instrument :
BNA_F
ClientSampleId :
A0C12-SS2-3.5-4.0

Tot Ion:152 Resp: 137101
Ion Ratio Lower Upper
152 100
150 152.1 127.4 191.0
115 57.4 45.5 68.3



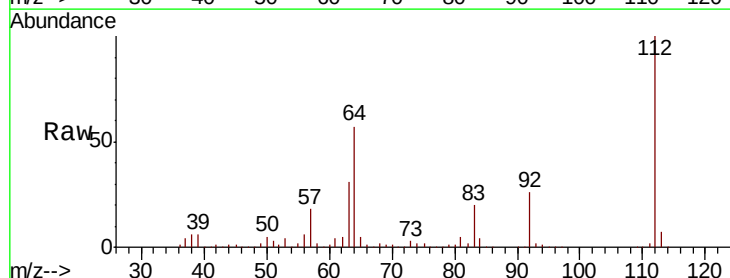
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



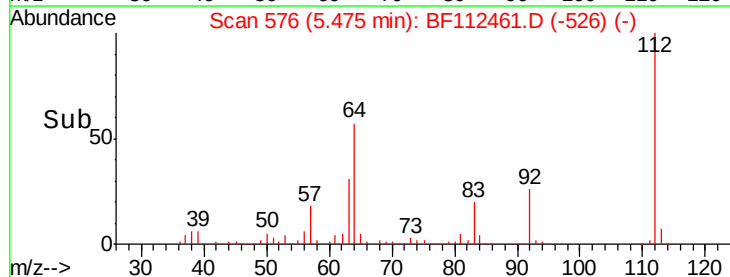
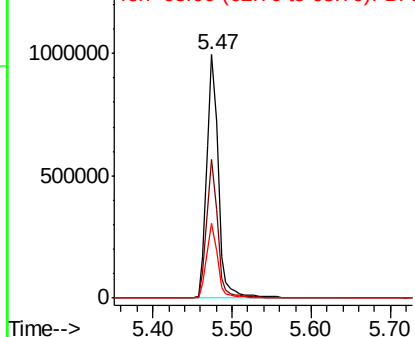
#5

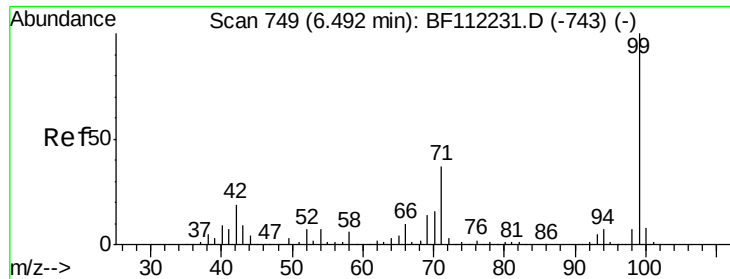
2-Fluorophenol
Concen: 160.690 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Tgt Ion:112 Resp: 1037199
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 30.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 144.694 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

Instrument :

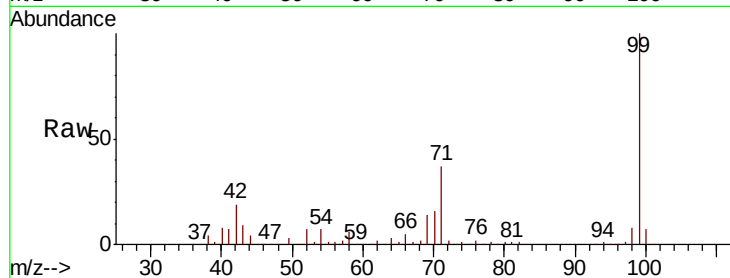
BNA_F

ClientSampleId :

A0C12-SS2-3.5-4.0

Tot Ion: 99 Resp: 1297769

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	37.1	26.9	40.3

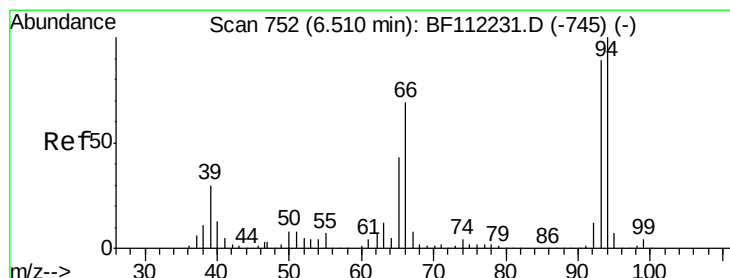
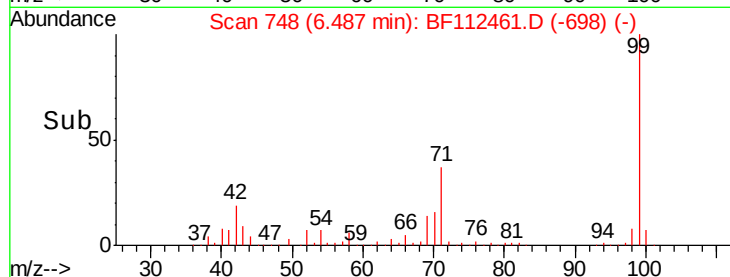


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.390 ng

RT: 6.50 min Scan# 750

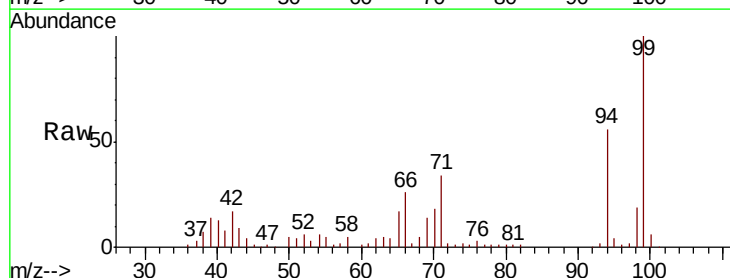
Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

Tgt Ion: 94 Resp: 62878

Ion	Ratio	Lower	Upper
94	100		
65	30.3	20.3	60.3
66	46.7	42.4	82.4

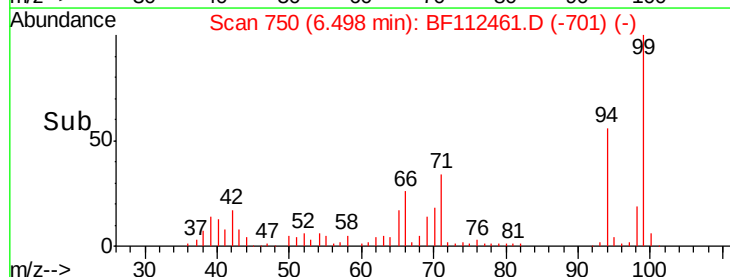


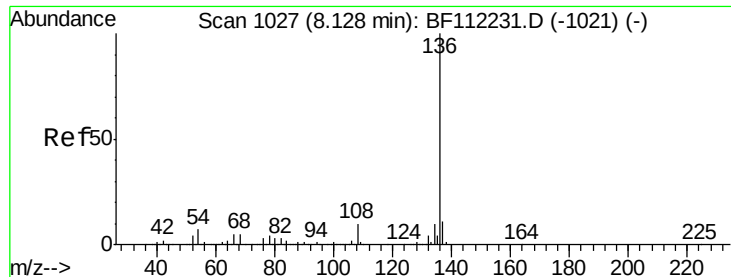
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

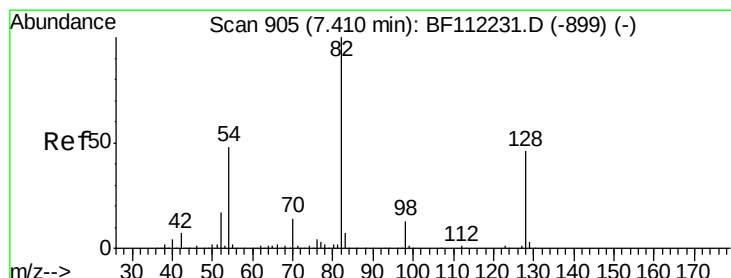
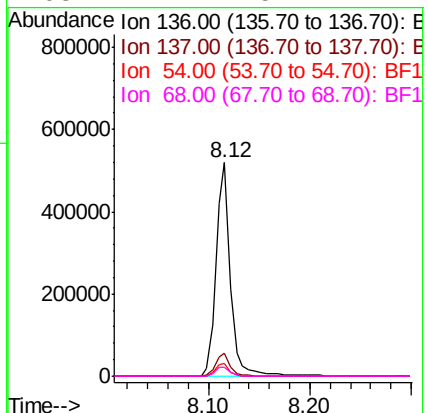
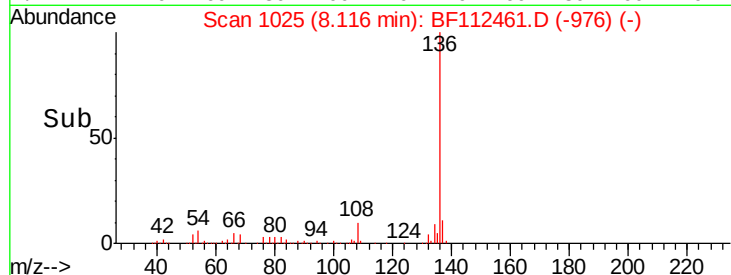
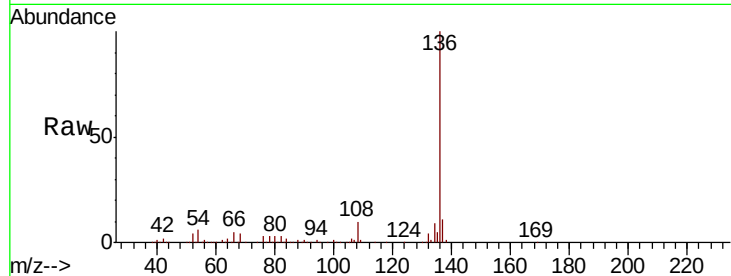
Instrument :

BNA_F

ClientSampleId :

A0C12-SS2-3.5-4.0

Tot Ion:136	Resp:	514520
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	5.8	5.9 8.9#
68	4.1	5.1 7.7#



#23

Nitrobenzene-d5

Concen: 91.332 ng

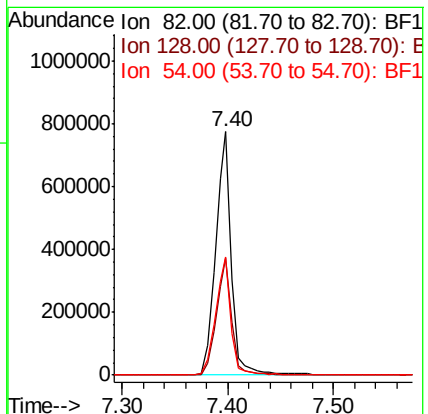
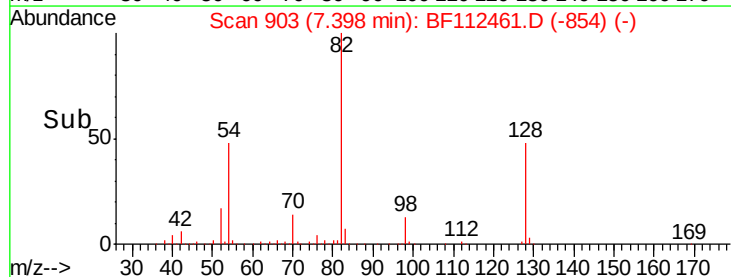
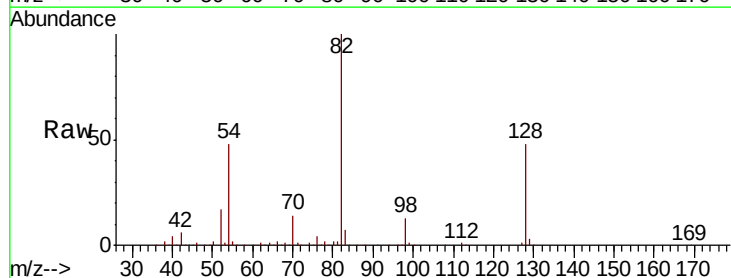
RT: 7.40 min Scan# 903

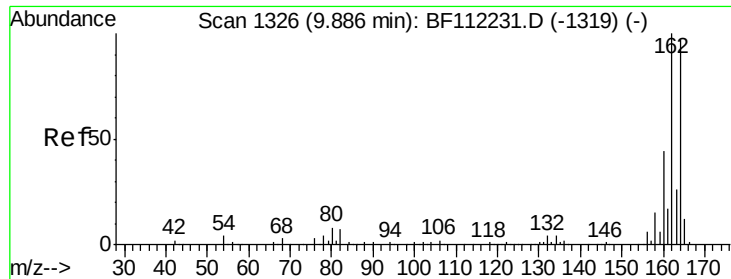
Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

Tgt Ion: 82	Resp:	815558
Ion Ratio	Lower	Upper
82	100	
128	48.0	37.8 56.8
54	48.3	39.7 59.5

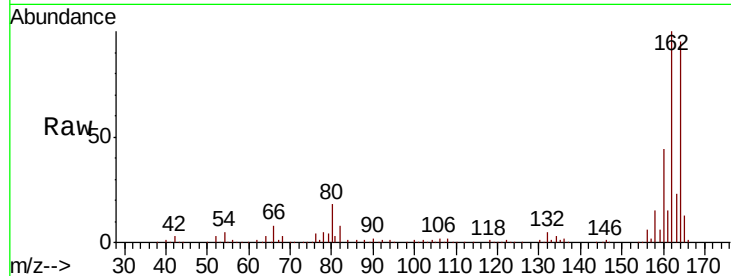




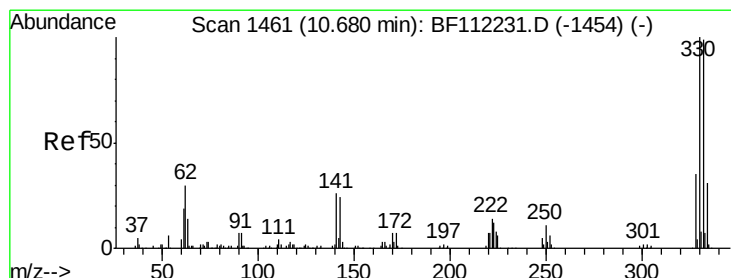
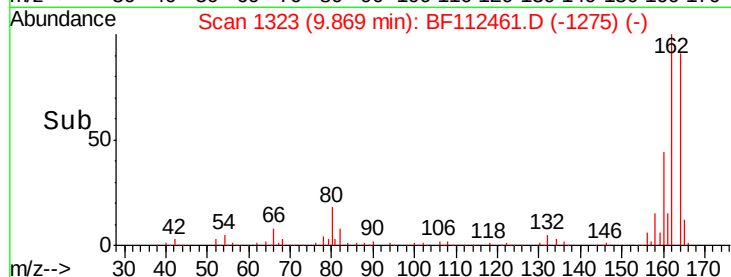
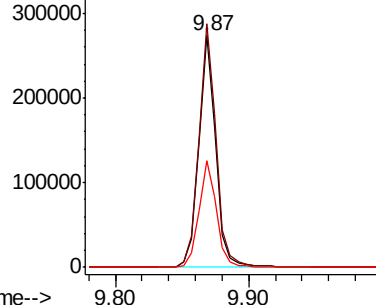
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Instrument :
BNA_F
ClientSampleId :
A0C12-SS2-3.5-4.0

Tot Ion:164 Resp: 246116
Ion Ratio Lower Upper
164 100
162 105.0 82.2 123.4
160 46.2 36.2 54.4

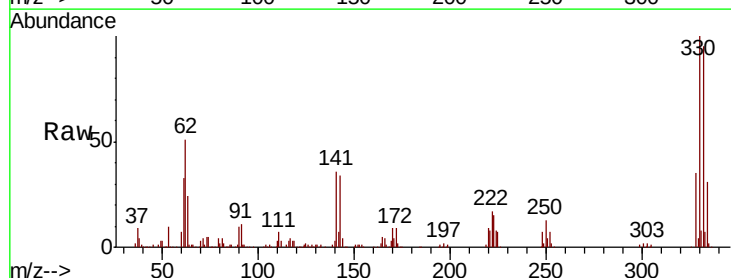


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

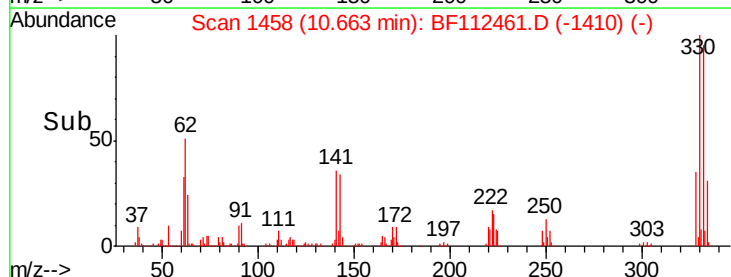
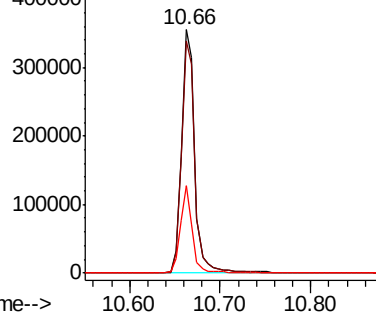


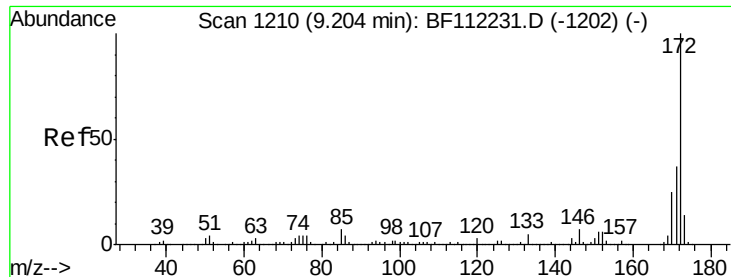
#42
2,4,6-Tribromophenol
Concen: 127.461 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Tgt Ion:330 Resp: 365140
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 32.5 24.3 36.5



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

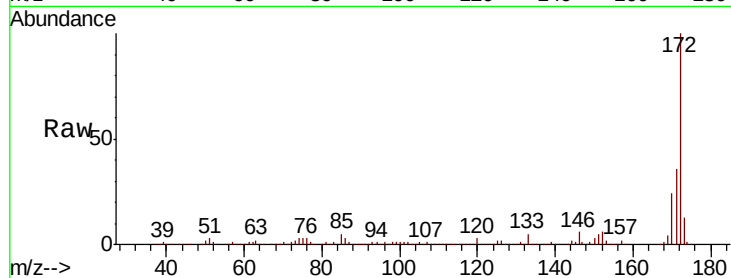




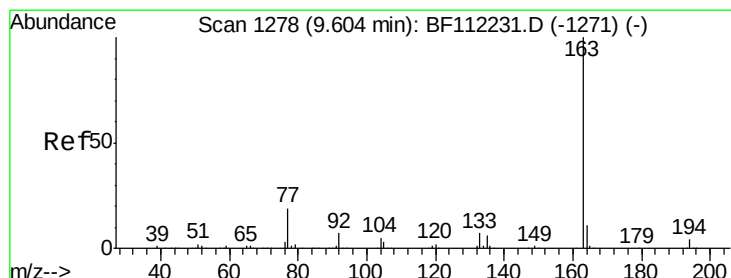
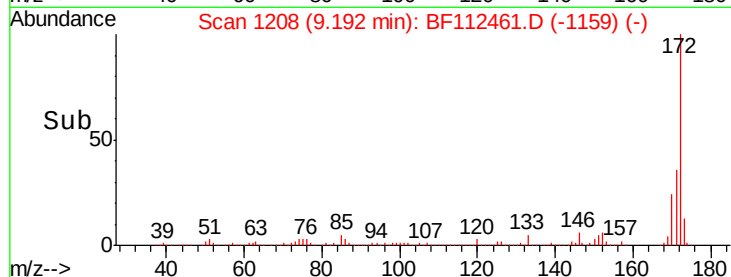
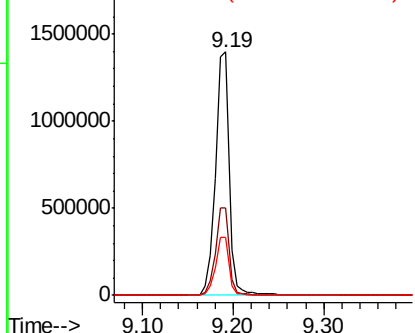
#45
2-Fluorobiphenyl
Concen: 84.879 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Instrument :
BNA_F
ClientSampleId :
A0C12-SS2-3.5-4.0

Tot Ion:172 Resp: 1477024
Ion Ratio Lower Upper
172 100
171 35.9 30.5 45.7
170 23.7 20.2 30.4

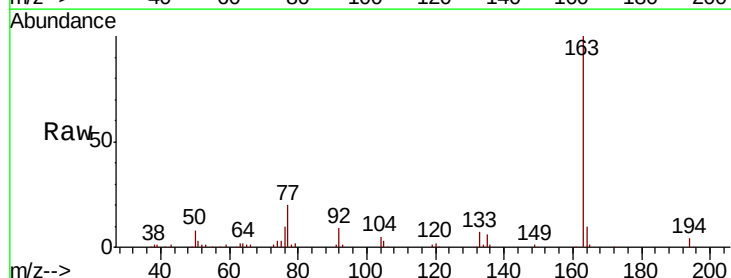


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

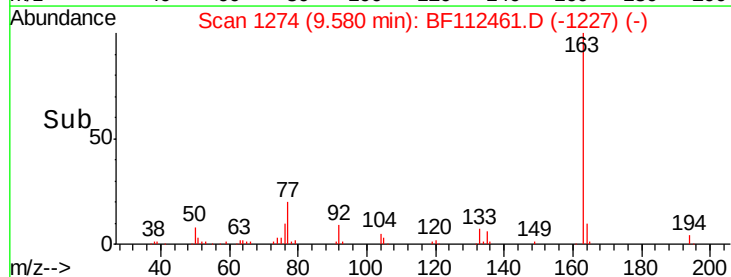
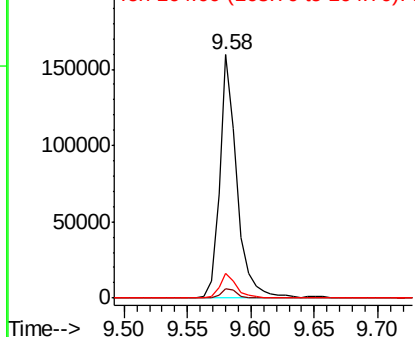


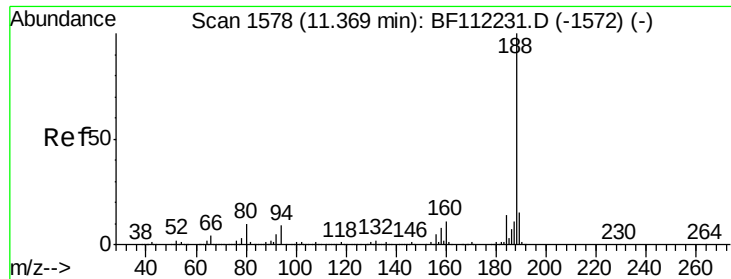
#50
Dimethylphthalate
Concen: 7.950 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Tgt Ion:163 Resp: 152027
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

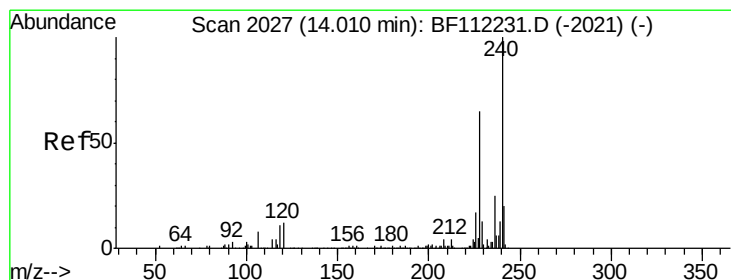
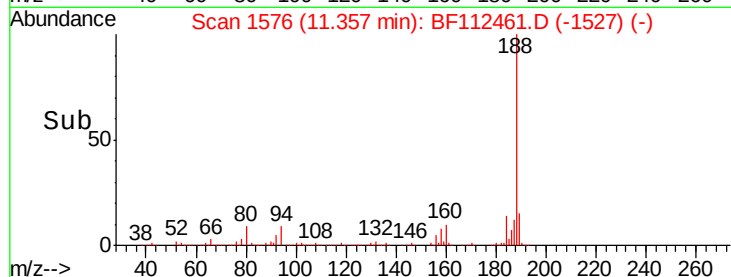
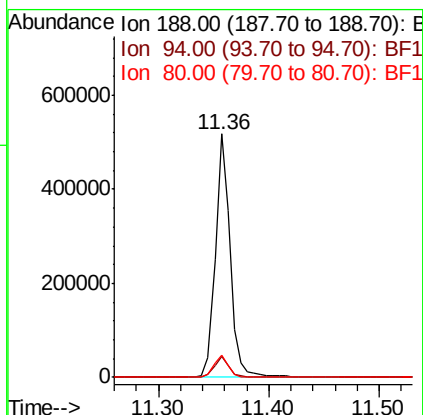
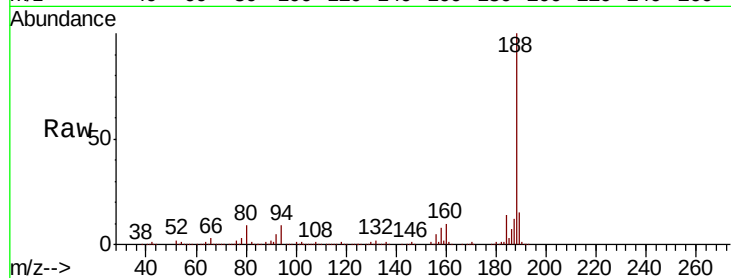




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

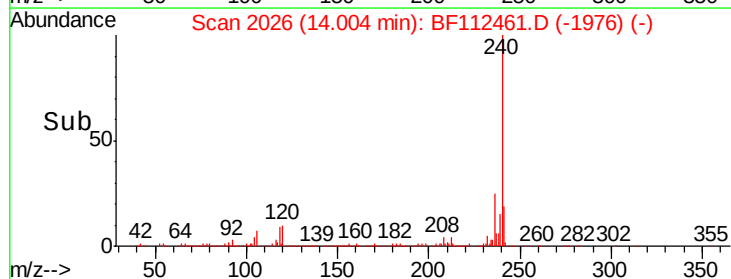
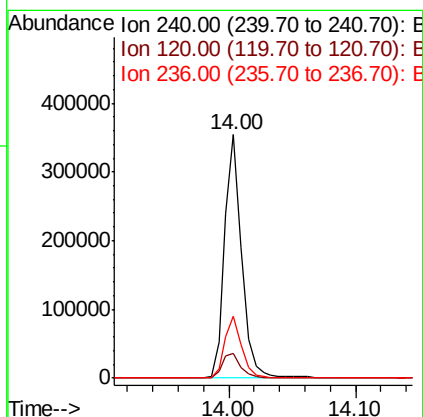
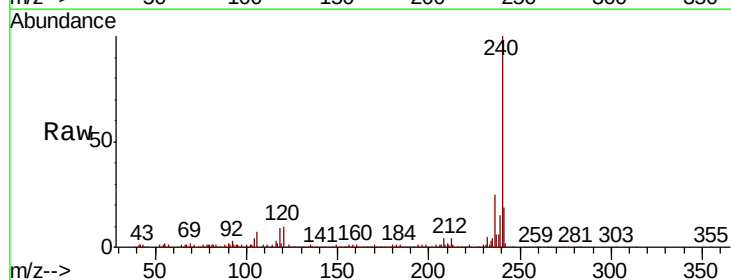
Instrument :
BNA_F
ClientSampleId :
A0C12-SS2-3.5-4.0

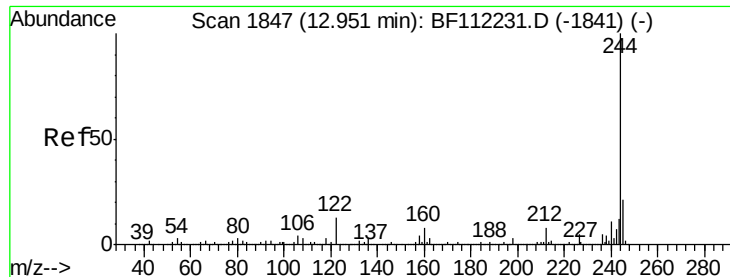
Tot Ion:188 Resp: 476393
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112461.D
Acq: 8 Feb 2019 15:58

Tgt Ion:240 Resp: 332716
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.6
236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 79.959 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

Instrument :

BNA_F

ClientSampleId :

A0C12-SS2-3.5-4.0

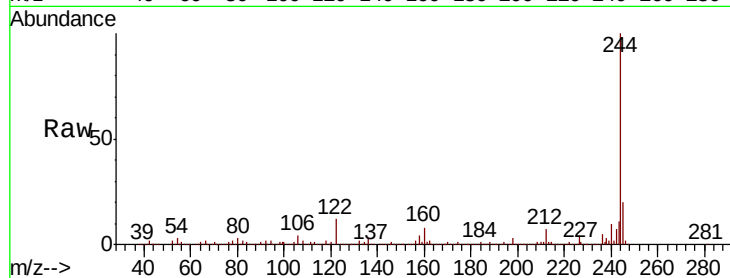
Tot Ion:244 Resp: 1412493

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

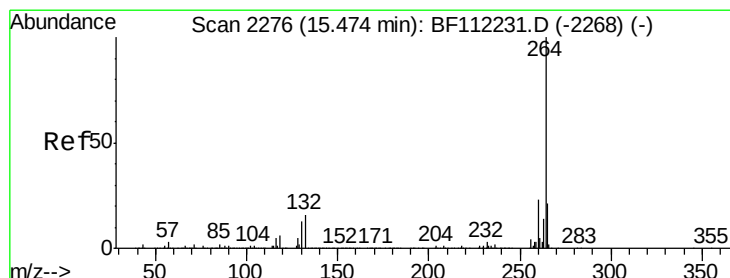
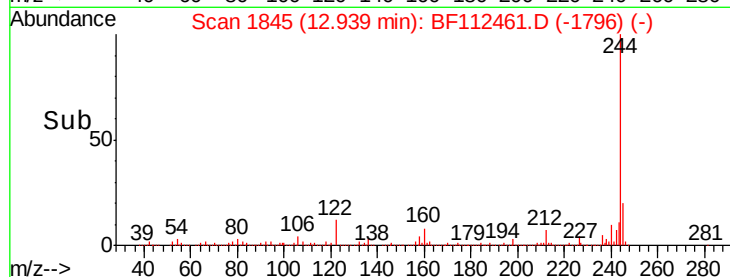
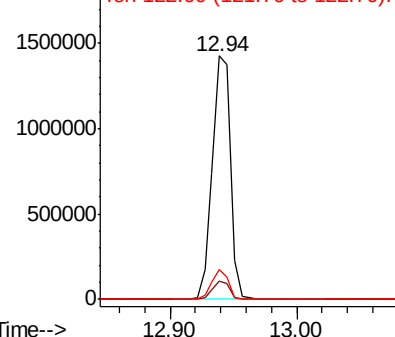
122 12.5 9.8 14.6



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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112461.D

Acq: 8 Feb 2019 15:58

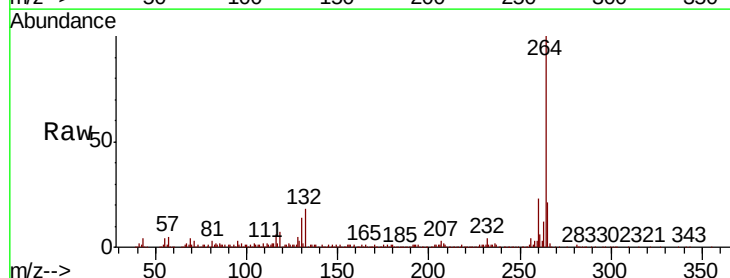
Tgt Ion:264 Resp: 302874

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 21.0 17.0 25.4



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

