

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114235.D
 Acq On : 13 May 2019 18:00
 Operator : JU/SJ
 Sample : K2767-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0002-01

Quant Time: May 14 12:51:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

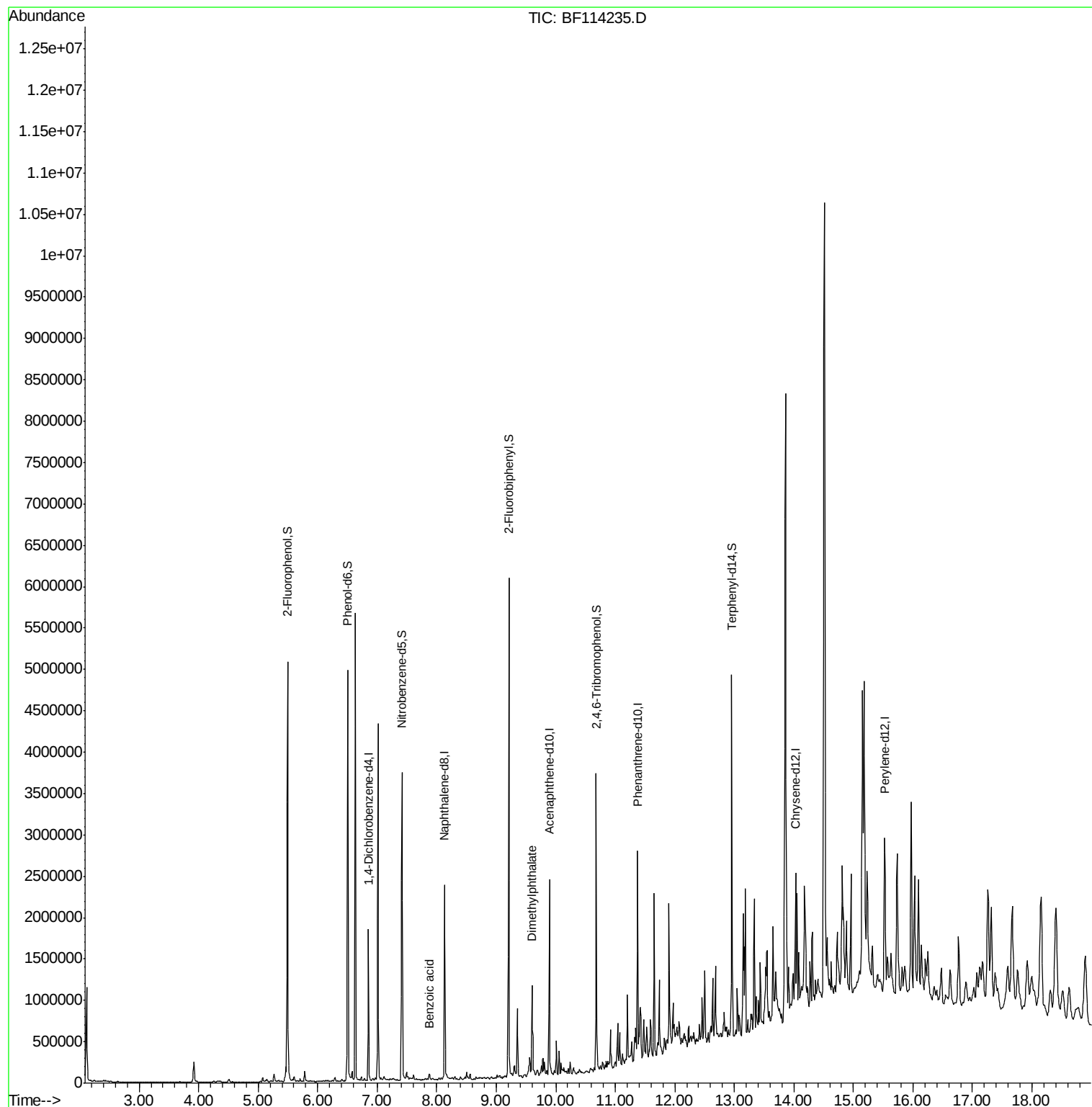
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	268252	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1023362	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	477178	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	889793	20.00	ng	0.00
76) Chrysene-d12	14.03	240	579406	20.00	ng	0.00
87) Perylene-d12	15.52	264	564049	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1416881	85.00	ng	0.01
7) Phenol-d6	6.50	99	1831572	92.90	ng	0.01
23) Nitrobenzene-d5	7.42	82	1166670	63.98	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	410833	83.28	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1805391	57.23	ng	0.00
79) Terphenyl-d14	12.96	244	1505875	53.58	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	6306	7.554	ng	94
50) Dimethylphthalate	9.60	163	452644	12.922	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: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

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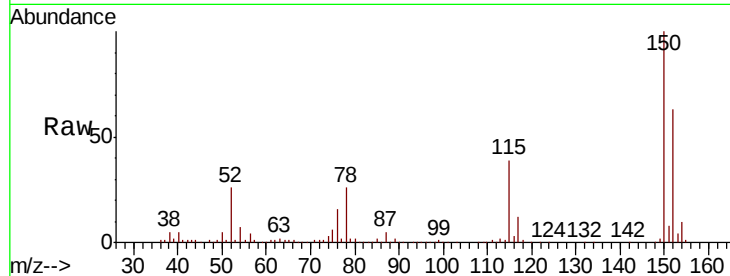
Tot Ion:152 Resp: 268252

Ion Ratio Lower Upper

152 100

150 159.7 124.3 186.5

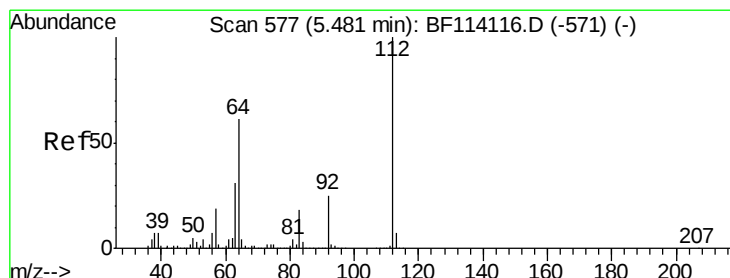
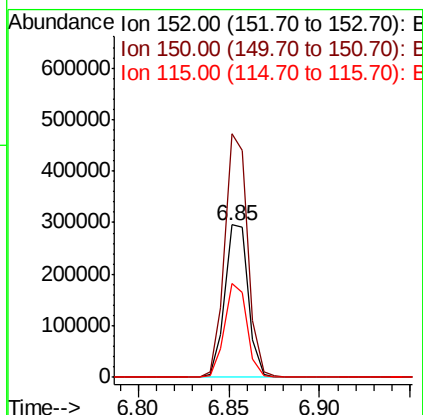
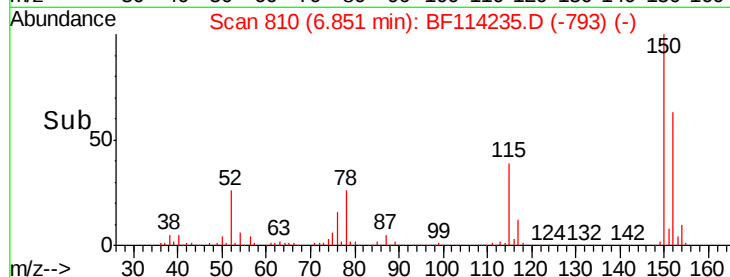
115 61.8 49.1 73.7



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: 85.000 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

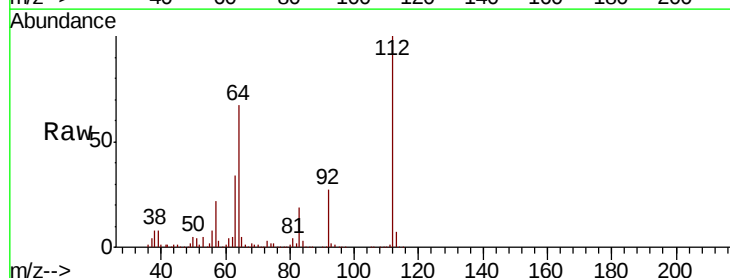
Tgt Ion:112 Resp: 1416881

Ion Ratio Lower Upper

112 100

64 66.6 49.0 73.6

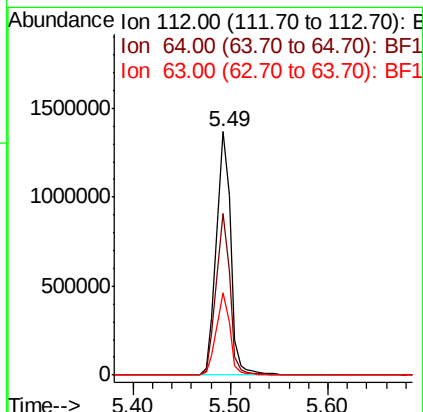
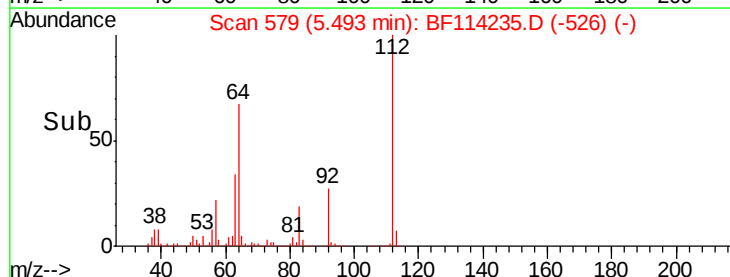
63 33.6 24.6 37.0



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: 92.901 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0002-01

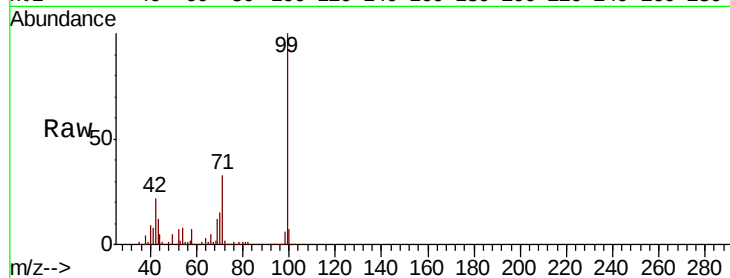
Tot Ion: 99 Resp: 1831572

Ion Ratio Lower Upper

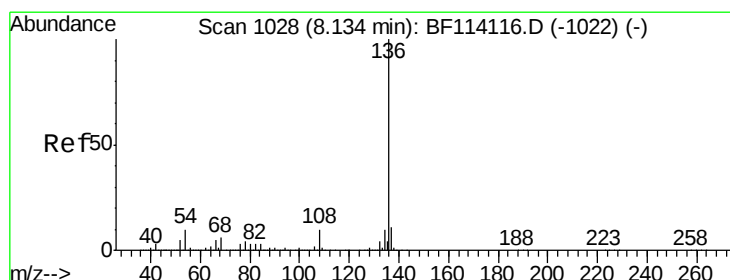
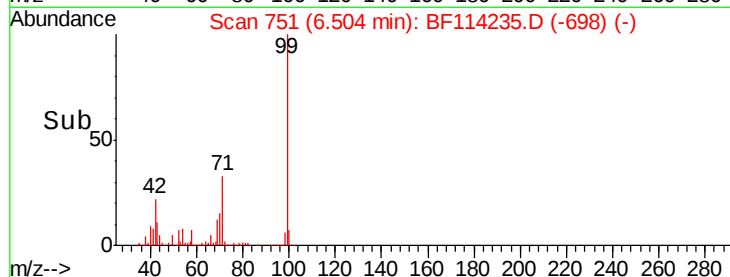
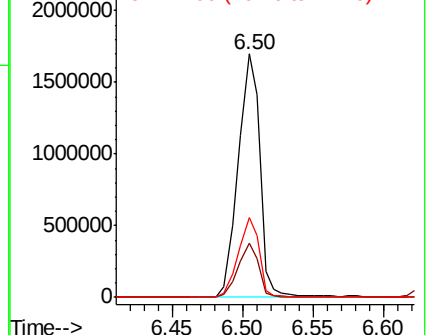
99 100

42 22.2 17.9 26.9

71 32.9 26.2 39.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

Tgt Ion: 136 Resp: 1023362

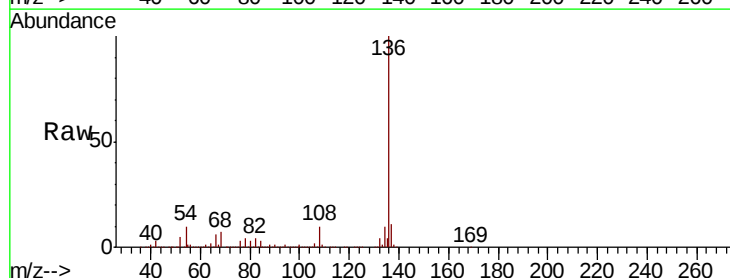
Ion Ratio Lower Upper

136 100

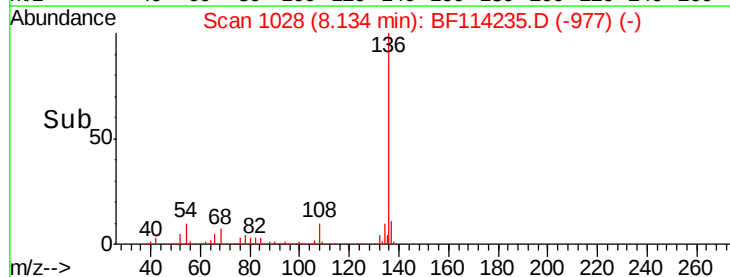
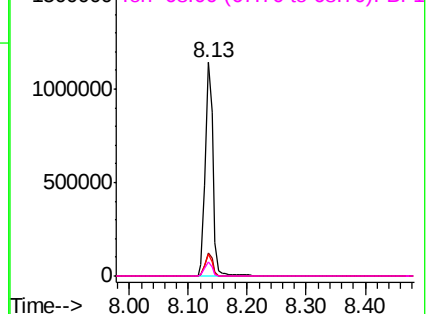
137 11.1 8.8 13.2

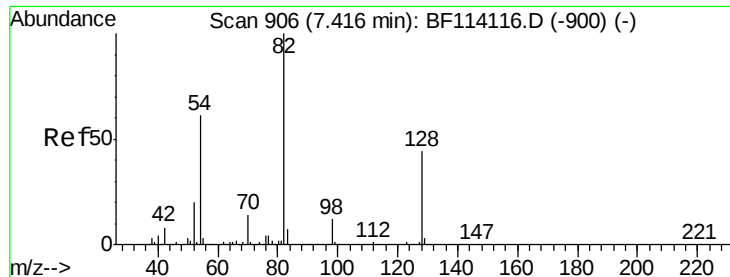
54 10.1 7.8 11.8

68 6.7 5.1 7.7



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

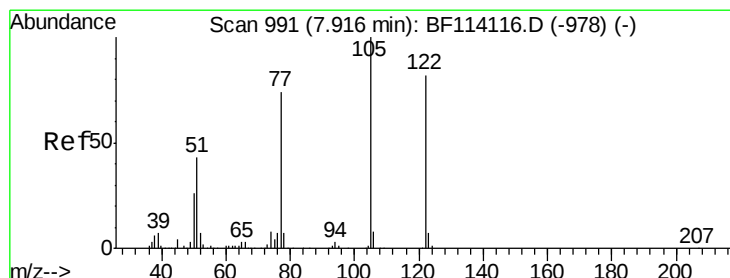
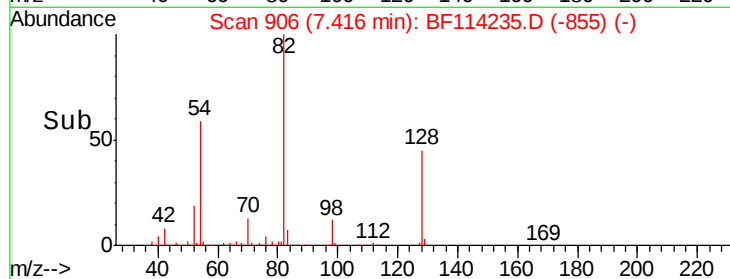
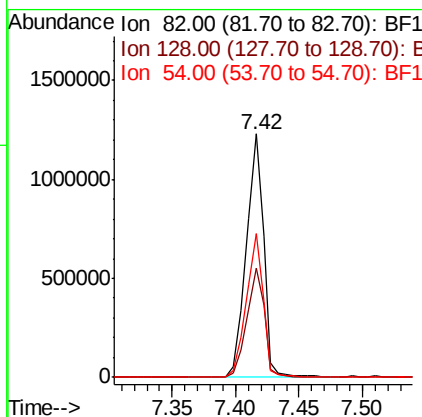
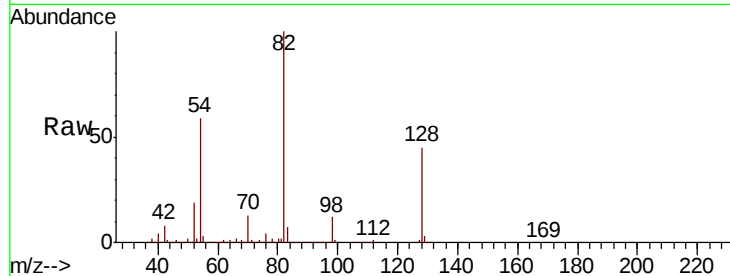




#23
 Nitrobenzene-d5
 Concen: 63.979 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

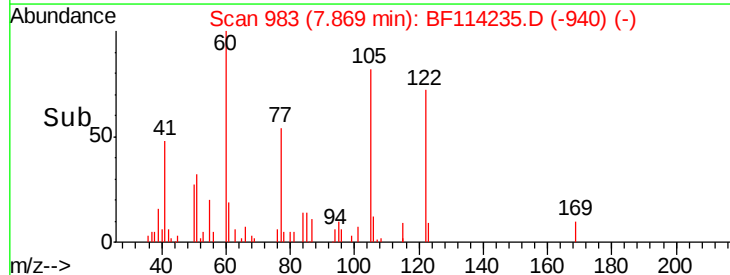
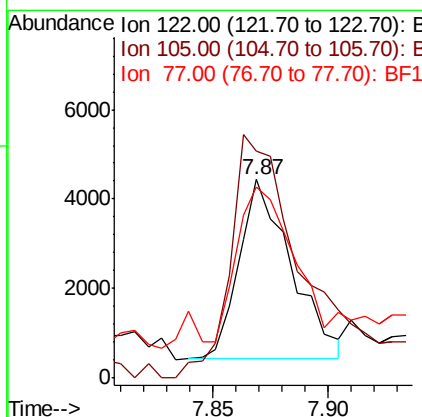
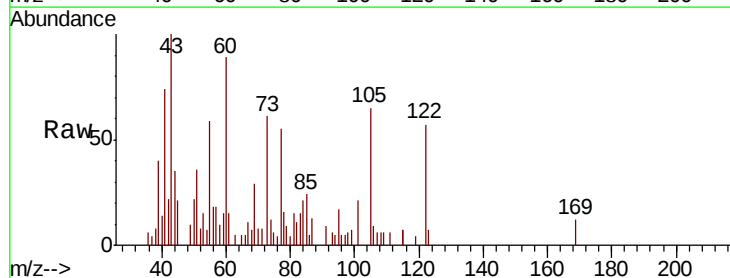
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0002-01

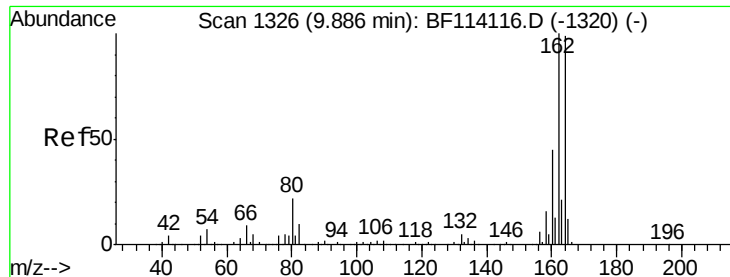
Tot Ion: 82 Resp: 1166670
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.5 53.3
 54 58.8 48.5 72.7



#32
 Benzoic acid
 Concen: 7.554 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.05 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

Tgt Ion: 122 Resp: 6306
 Ion Ratio Lower Upper
 122 100
 105 114.4 99.9 139.9
 77 96.1 69.4 109.4

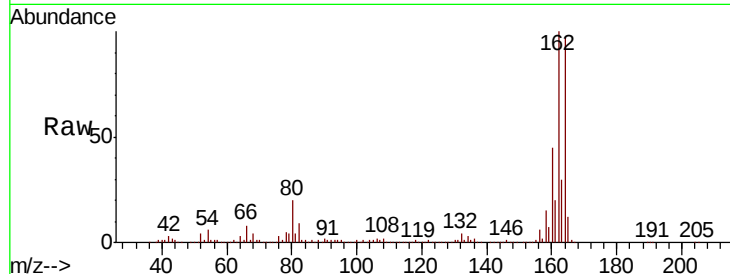




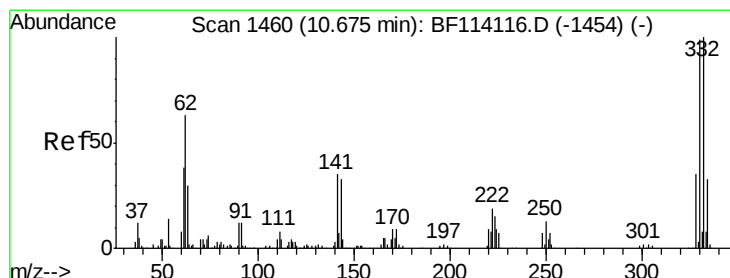
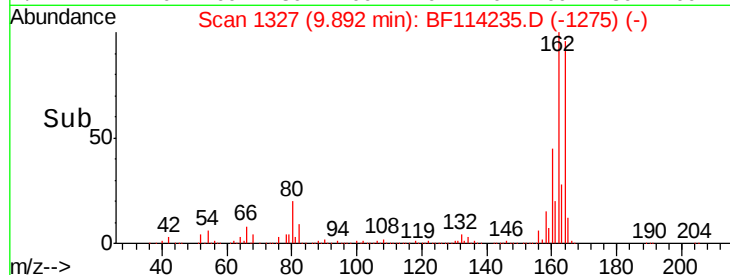
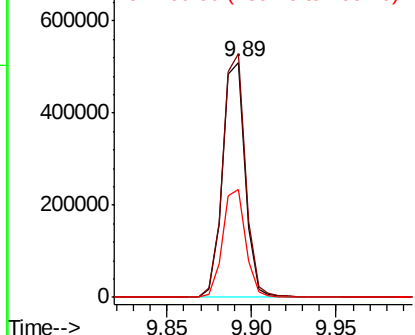
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0002-01

Tot Ion:164 Resp: 477178
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.6 120.8
 160 46.1 36.5 54.7

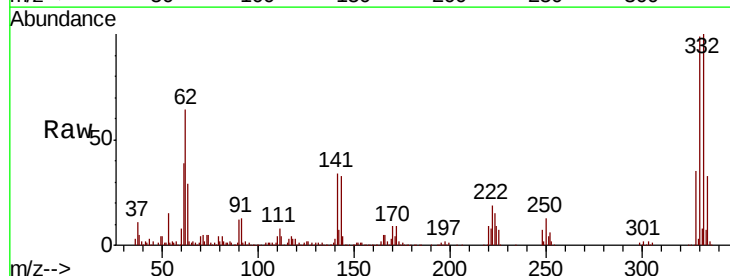


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

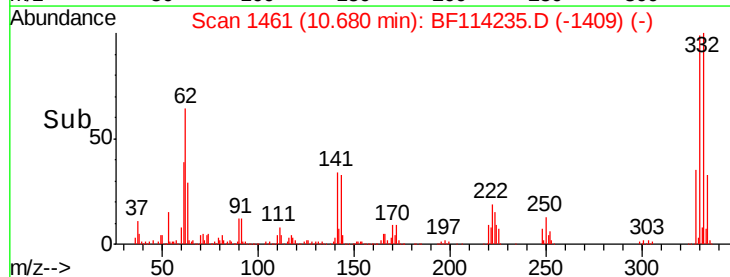
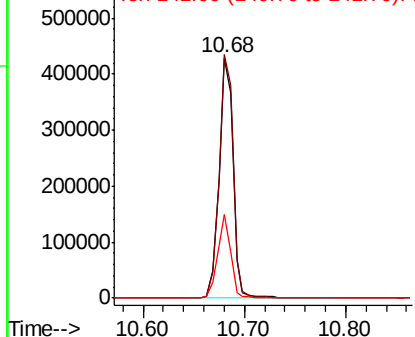


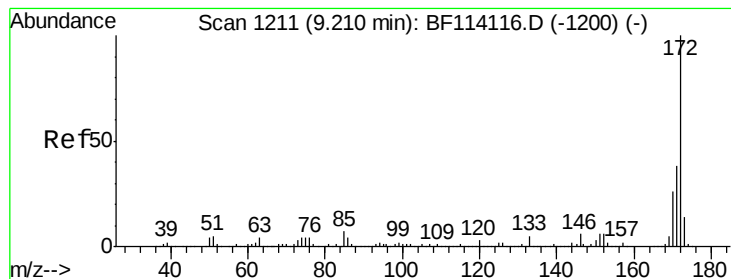
#42
 2,4,6-Tribromophenol
 Concen: 83.279 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114235.D
 Acq: 13 May 2019 18:00

Tgt Ion:330 Resp: 410833
 Ion Ratio Lower Upper
 330 100
 332 101.8 81.4 122.2
 141 32.3 26.6 40.0



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: 57.231 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0002-01

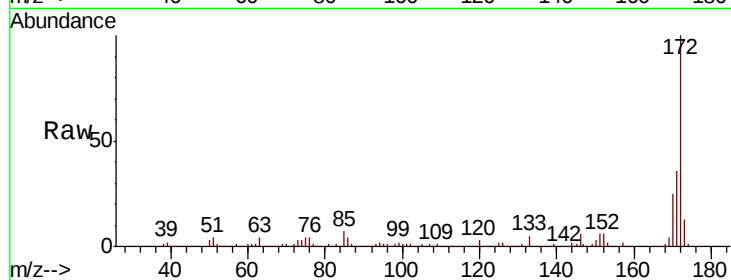
Tot Ion:172 Resp: 1805391

Ion Ratio Lower Upper

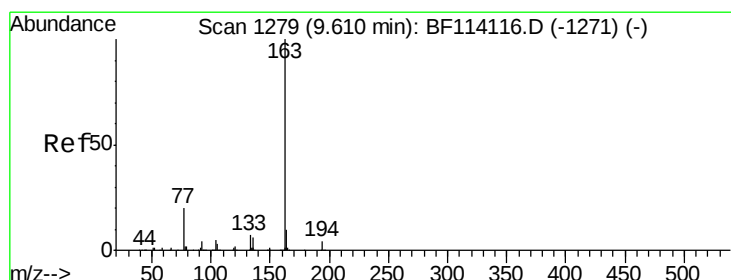
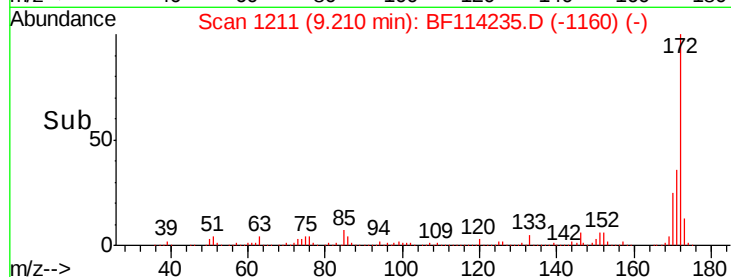
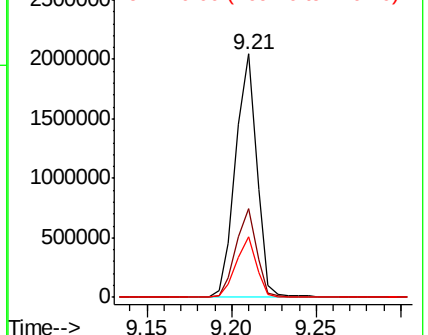
172 100

171 36.3 30.7 46.1

170 24.7 20.5 30.7



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



#50

Dimethylphthalate

Concen: 12.922 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

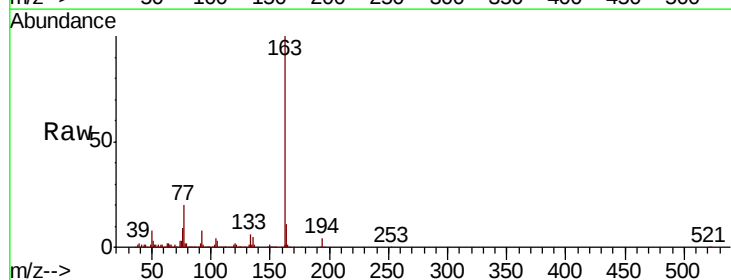
Tgt Ion:163 Resp: 452644

Ion Ratio Lower Upper

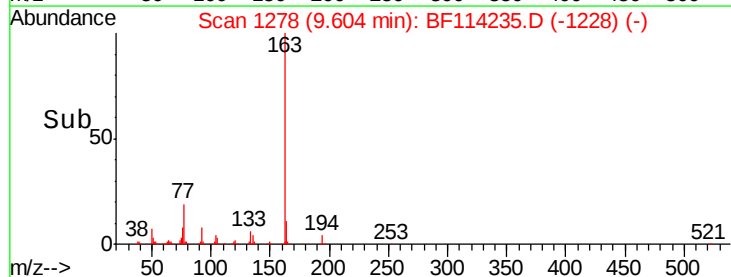
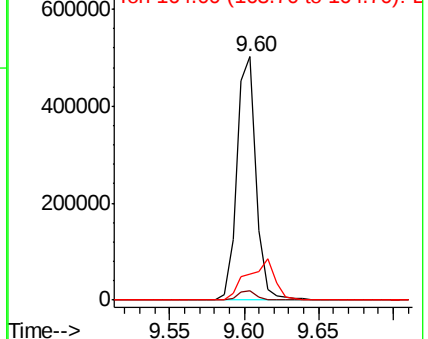
163 100

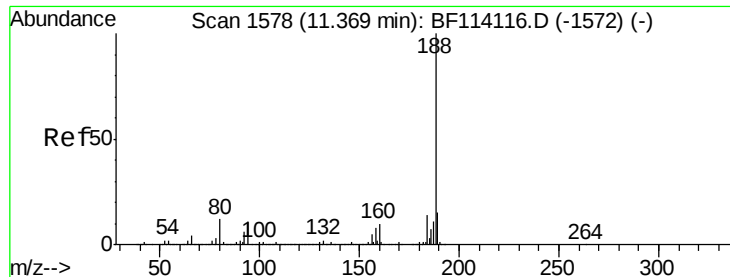
194 4.0 3.4 5.0

164 10.9 8.2 12.2



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

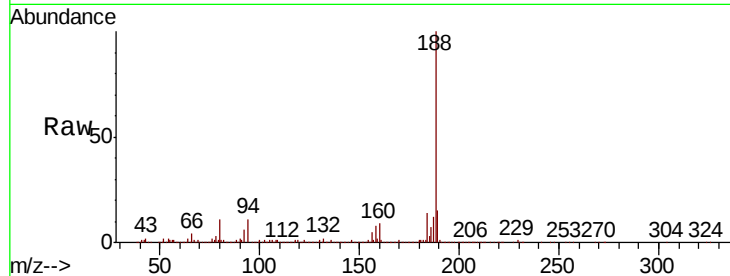




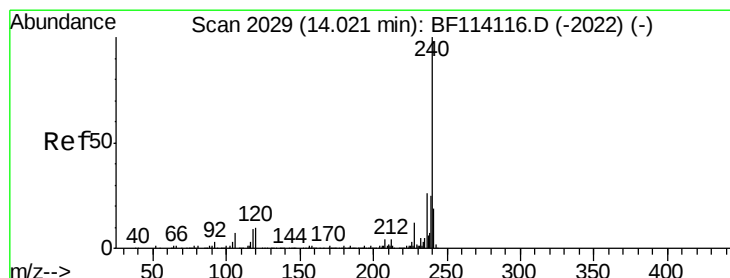
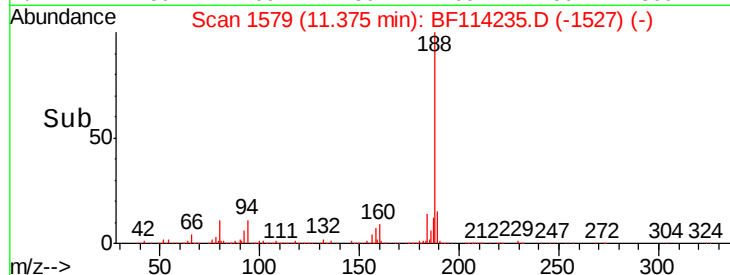
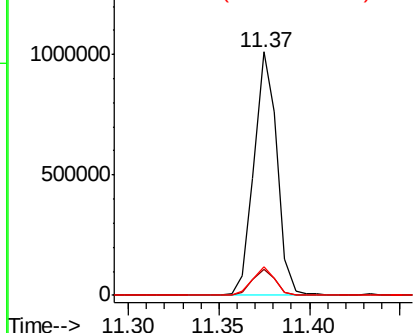
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114235.D
Acq: 13 May 2019 18:00

Instrument :
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P026-SS011-0002-01

Tot Ion:188 Resp: 889793
Ion Ratio Lower Upper
188 100
94 10.7 8.4 12.6
80 11.5 9.2 13.8

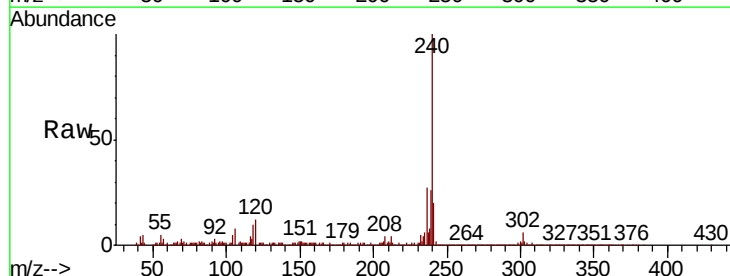


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

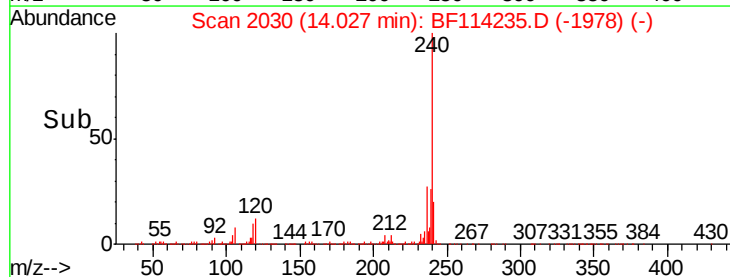
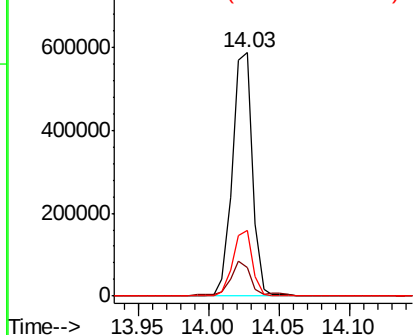


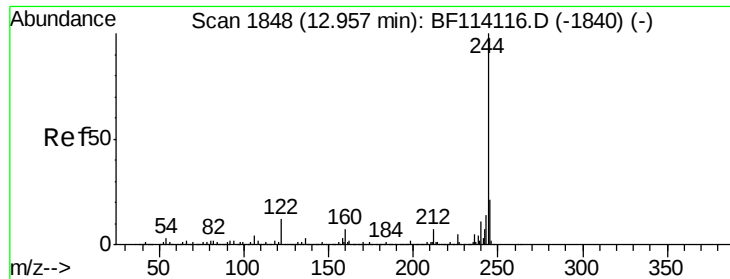
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF114235.D
Acq: 13 May 2019 18:00

Tgt Ion:240 Resp: 579406
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 26.9 20.8 31.2



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: 53.577 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0002-01

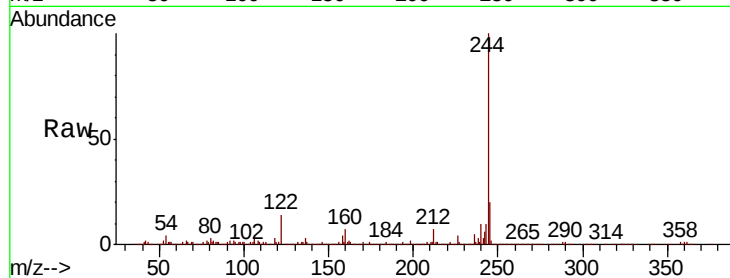
Tot Ion:244 Resp: 1505875

Ion Ratio Lower Upper

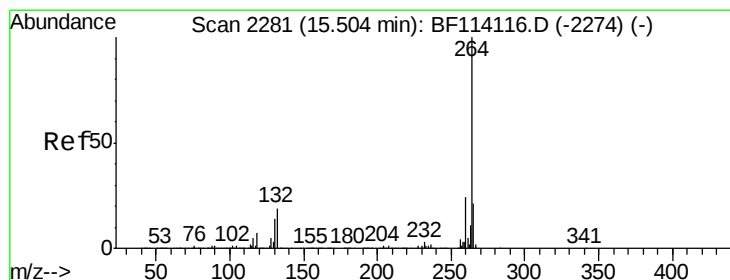
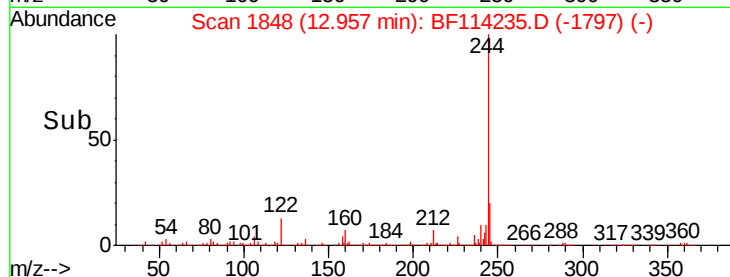
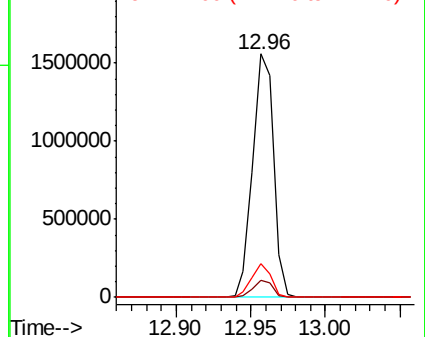
244 100

212 6.8 5.8 8.6

122 13.6 9.4 14.2



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: 15.52 min Scan# 2284

Delta R.T. 0.02 min

Lab File: BF114235.D

Acq: 13 May 2019 18:00

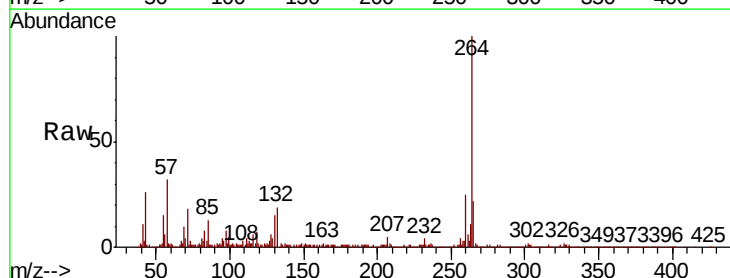
Tgt Ion:264 Resp: 564049

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 21.8 16.9 25.3



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

