

Data File : BP001648.D
Acq On : 17 Jan 2020 02:34
Operator : JU
Sample : L1111-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

Quant Time: Jan 17 04:38:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

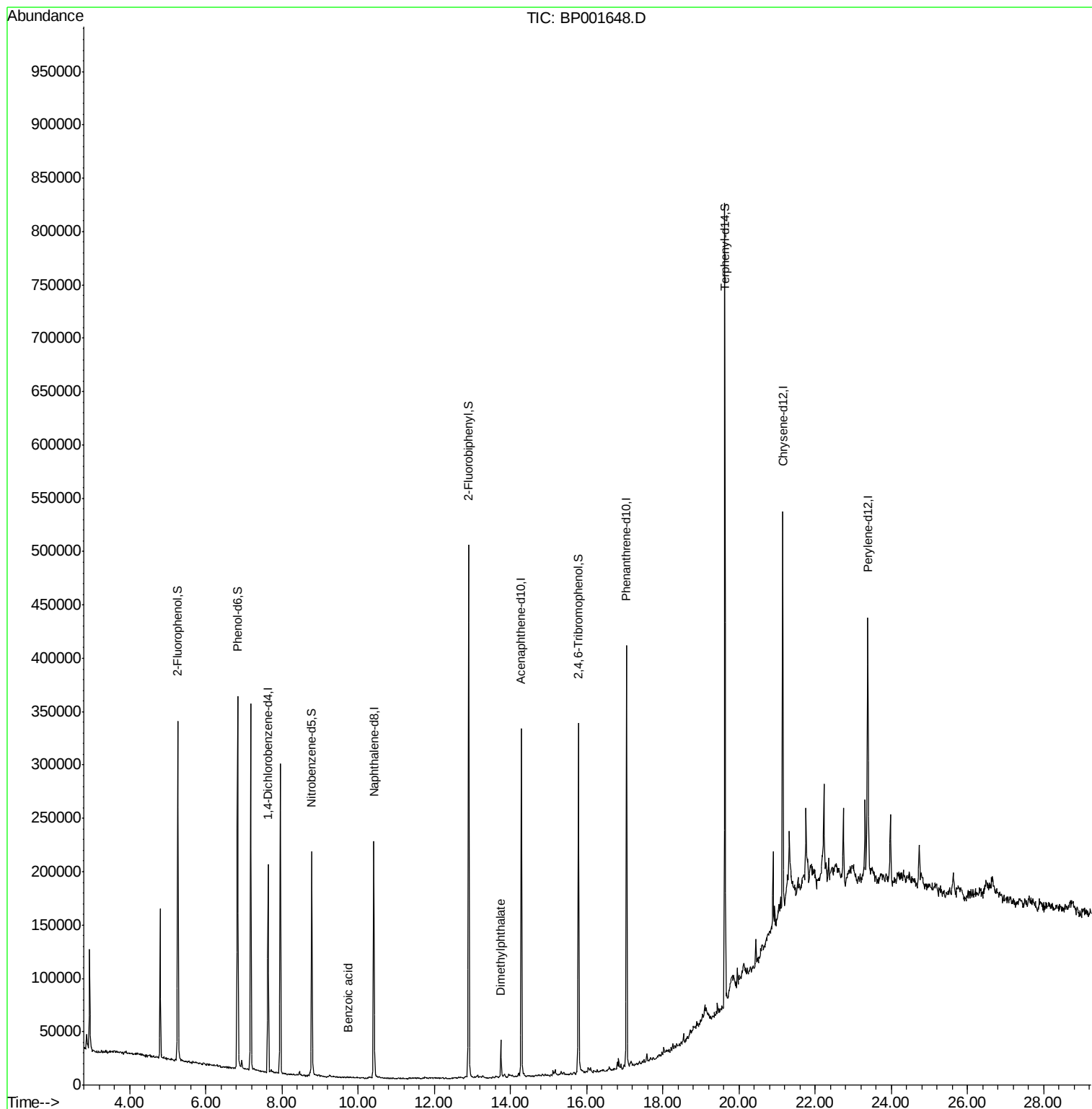
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	42737	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	158215	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	104885	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	229525	20.00	ng	0.00
76) Chrysene-d12	21.15	240	167877	20.00	ng	0.00
87) Perylene-d12	23.38	264	175796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	104756	48.02	ng	0.00
7) Phenol-d6	6.83	99	157483	45.17	ng	0.00
23) Nitrobenzene-d5	8.78	82	112144	30.97	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	53191	33.32	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	240638	33.73	ng	0.00
79) Terphenyl-d14	19.63	244	330844	36.05	ng	-0.01
Target Compounds						
32) Benzoic acid	9.76	122	6	4.706	ng	Qvalue # 1
50) Dimethylphthalate	13.75	163	18424	2.133	ng	98

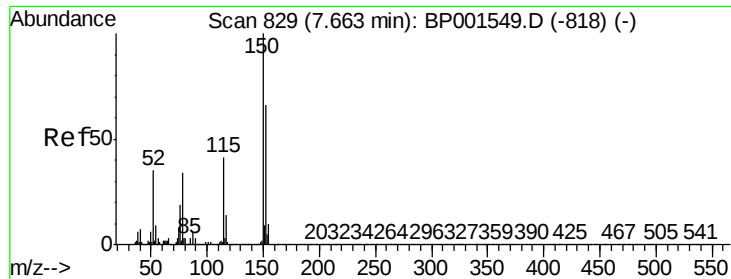
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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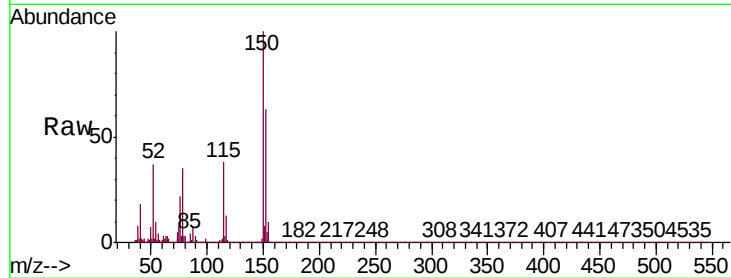


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001648.D
Acq: 17 Jan 2020 02:34

Instrument :
BNA_P
ClientSampleId :
CONCRETE-FLOOR

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.0	183.0
115	60.5	50.7	76.1

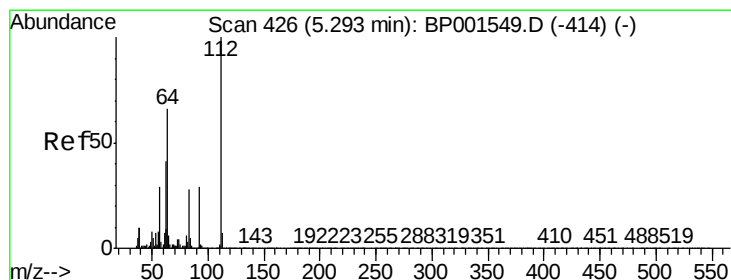
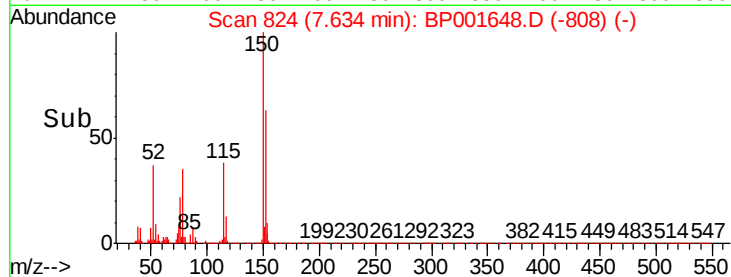
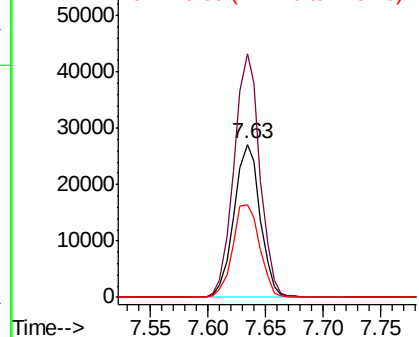


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

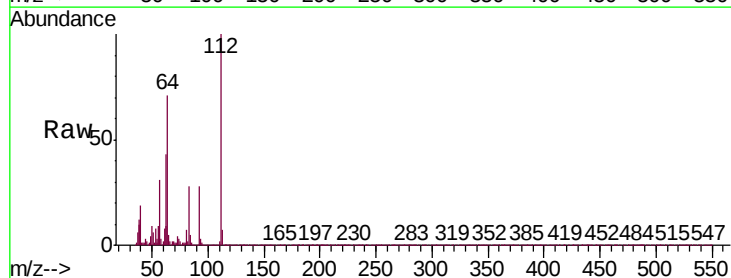
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.016 ng
RT: 5.26 min Scan# 421
Delta R.T. -0.00 min
Lab File: BP001648.D
Acq: 17 Jan 2020 02:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	52.8	79.2
63	42.6	33.1	49.7

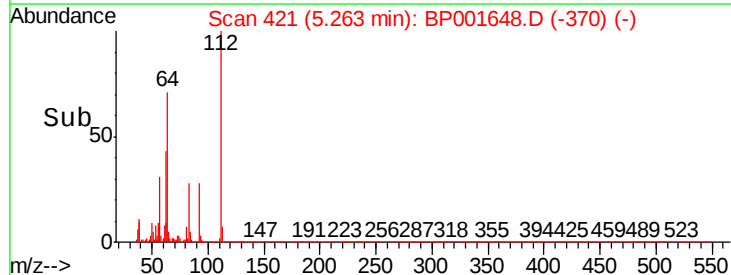
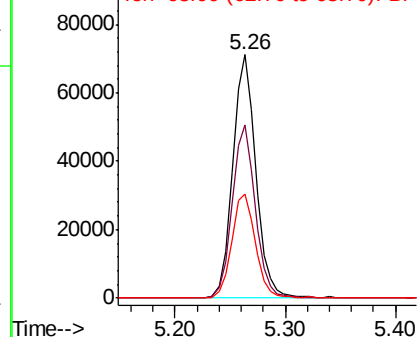


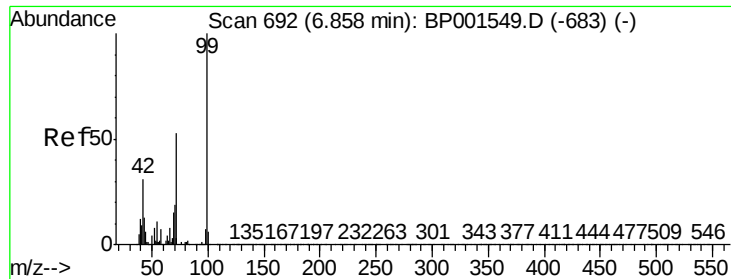
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 45.166 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001648.D

Acq: 17 Jan 2020 02:34

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

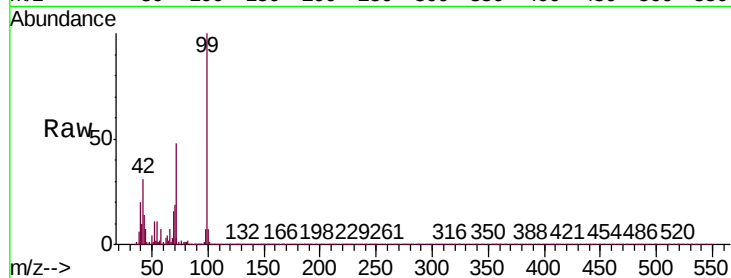
Tgt Ion: 99 Resp: 157483

Ion Ratio Lower Upper

99 100

42 31.3 24.5 36.7

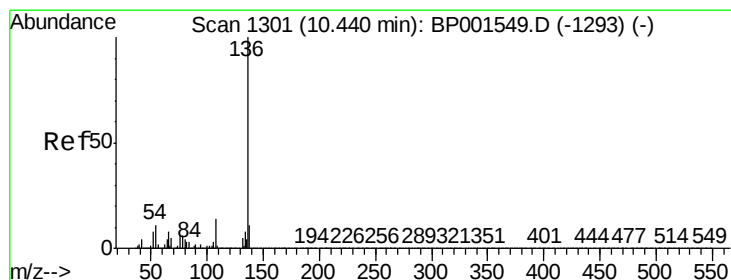
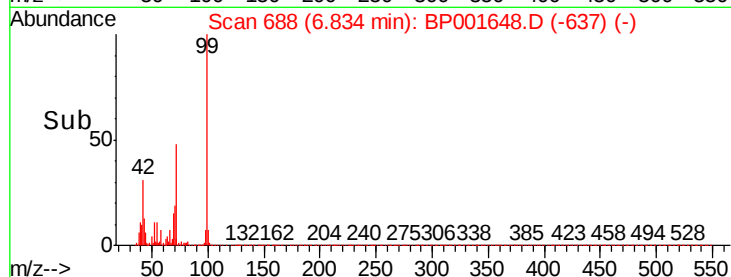
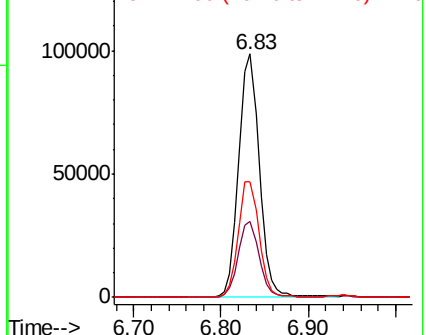
71 47.7 42.4 63.6



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP001648.D

Acq: 17 Jan 2020 02:34

Tgt Ion: 136 Resp: 158215

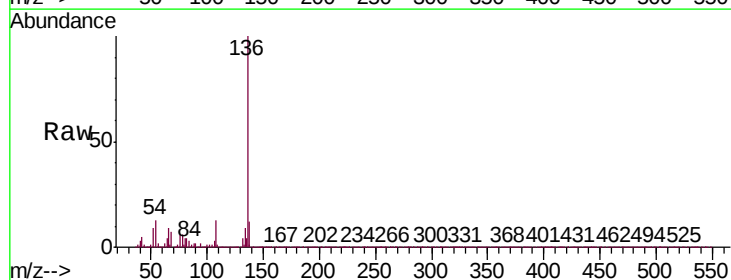
Ion Ratio Lower Upper

136 100

137 12.0 8.6 12.8

54 12.5 9.2 13.8

68 6.7 4.1 6.1#

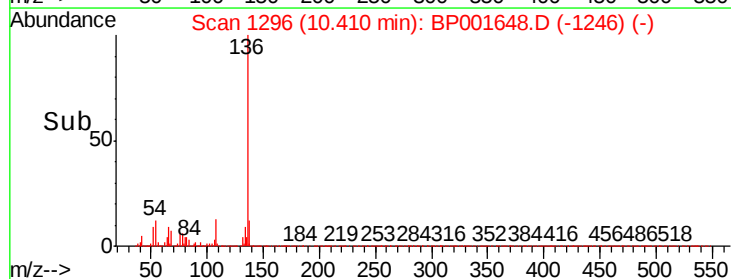
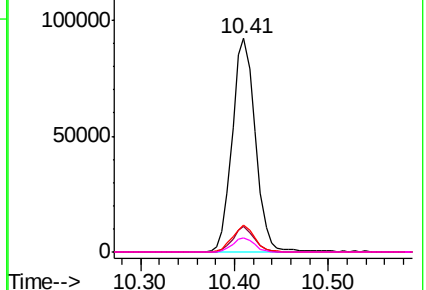


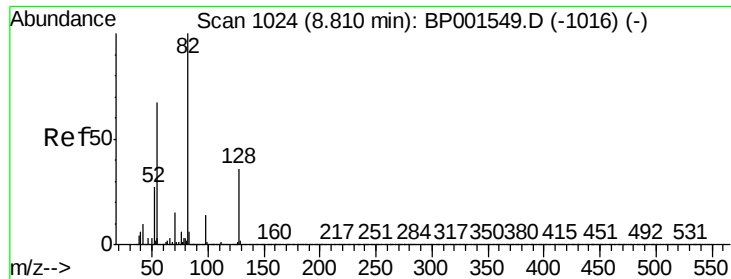
Abundance Ion 136.00 (135.70 to 136.70): E

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

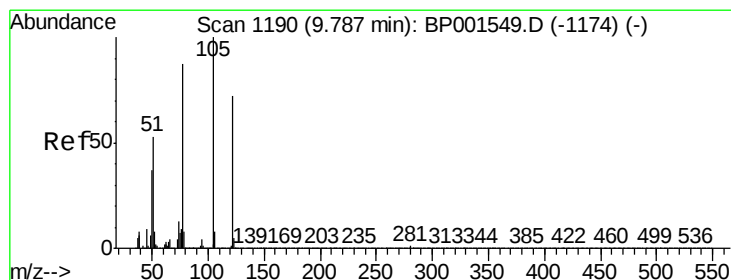
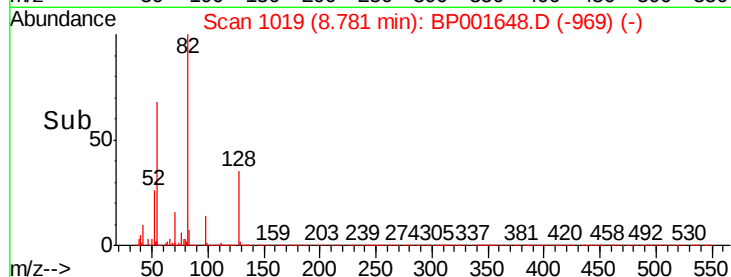
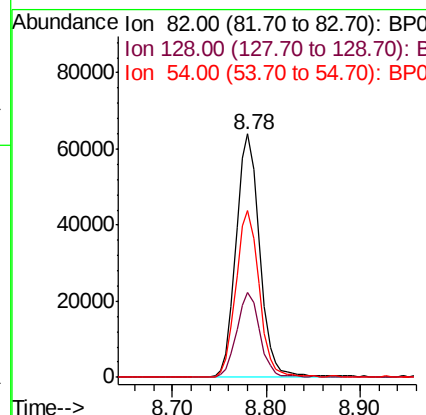
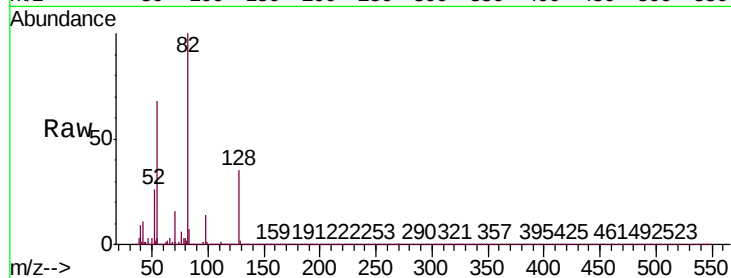




#23
 Nitrobenzene-d5
 Concen: 30.973 ng
 RT: 8.78 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BP001648.D
 Acq: 17 Jan 2020 02:34

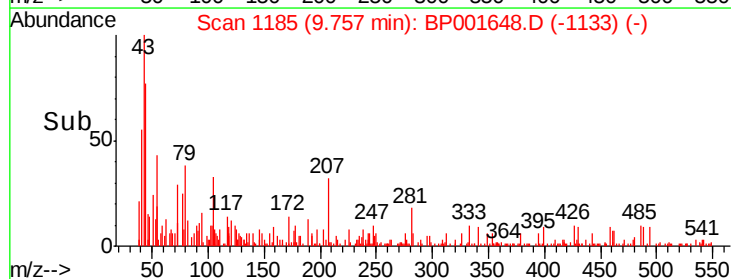
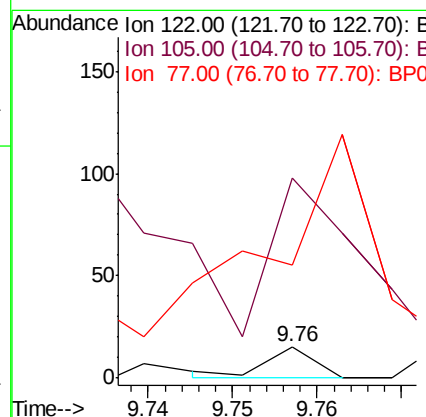
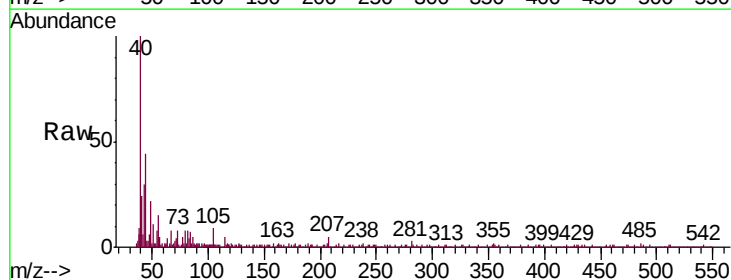
Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-FLOOR

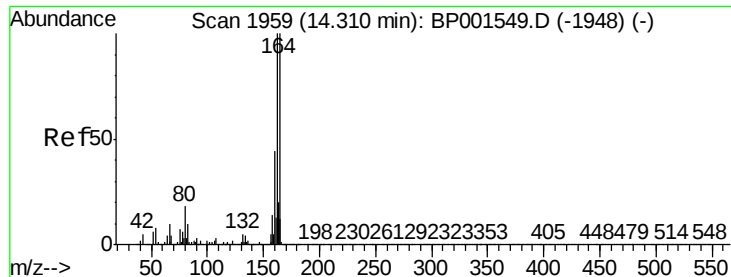
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.4	42.6
54	68.4	53.4	80.2



#32
 Benzoic acid
 Concen: 4.706 ng
 RT: 9.76 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BP001648.D
 Acq: 17 Jan 2020 02:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	740.0	119.5	159.5#
77	366.7	102.8	142.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP001648.D

Acq: 17 Jan 2020 02:34

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

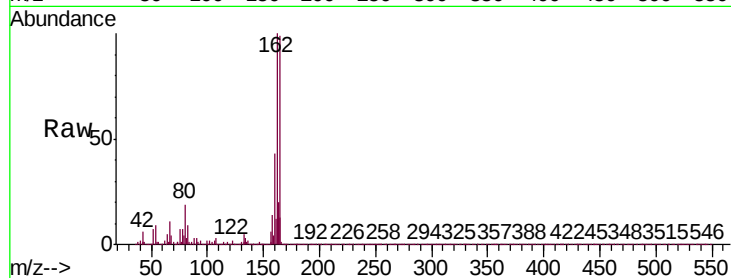
Tgt Ion:164 Resp: 104885

Ion Ratio Lower Upper

164 100

162 101.3 79.8 119.6

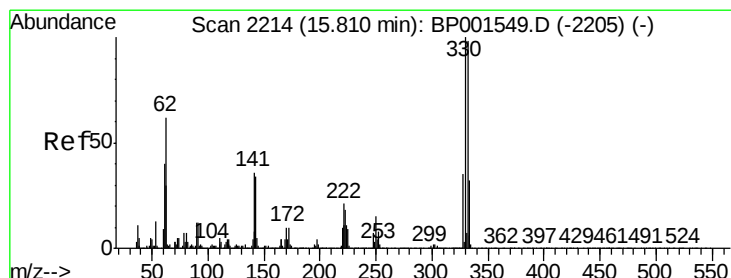
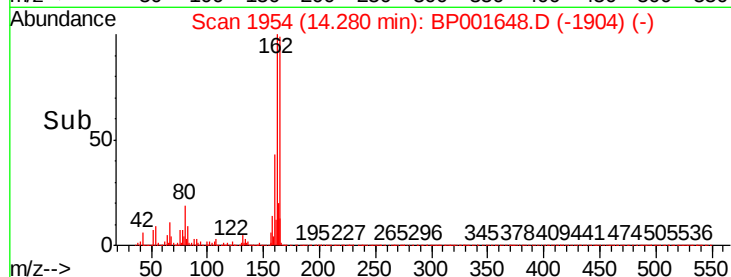
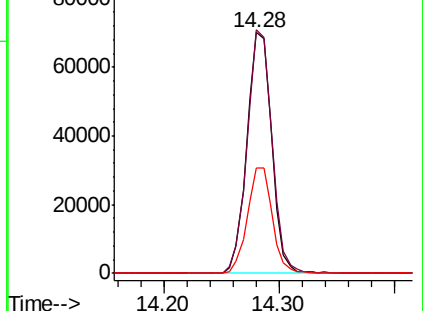
160 43.6 35.0 52.6



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: 33.316 ng

RT: 15.79 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BP001648.D

Acq: 17 Jan 2020 02:34

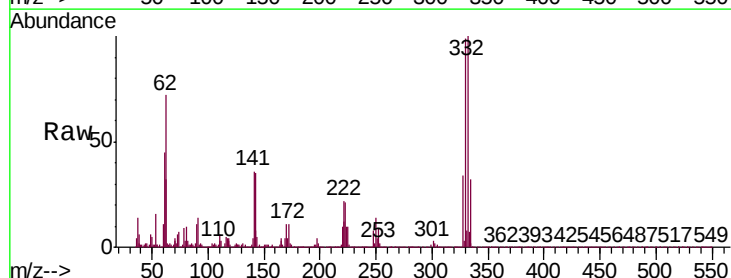
Tgt Ion:330 Resp: 53191

Ion Ratio Lower Upper

330 100

332 98.0 77.8 116.6

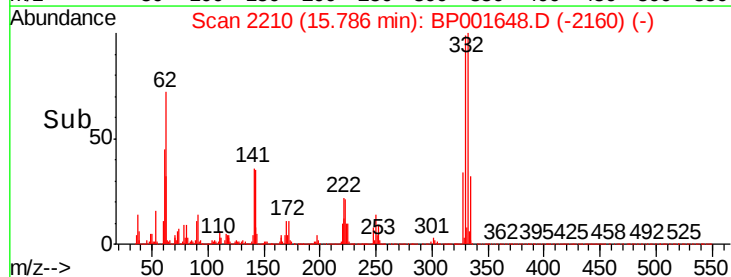
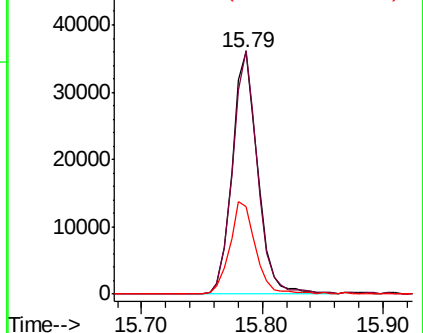
141 38.5 28.7 43.1

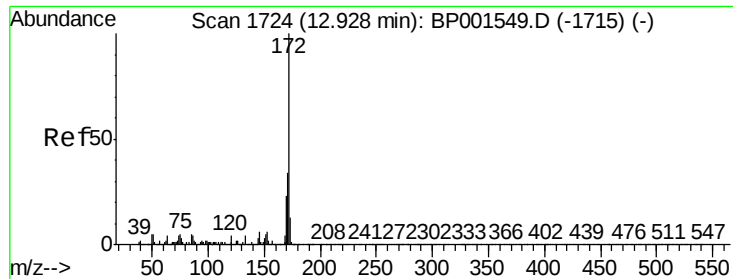


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

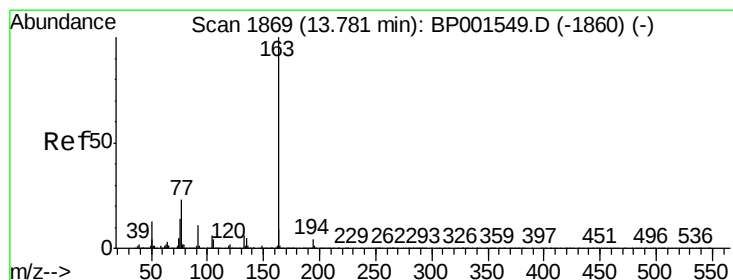
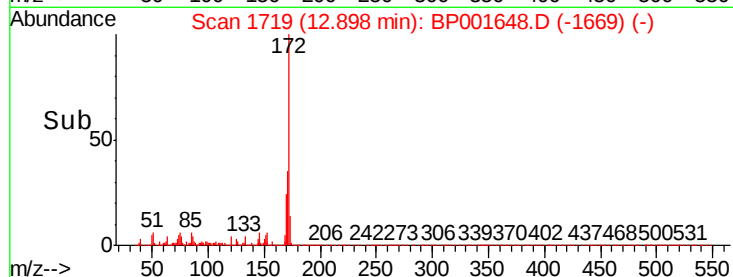
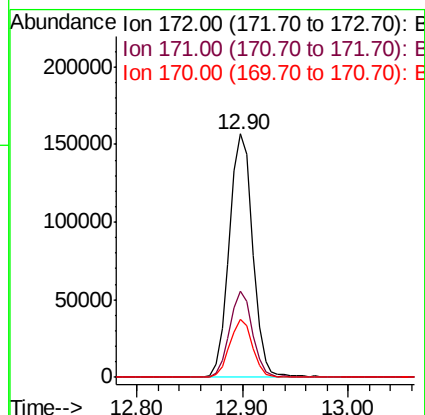
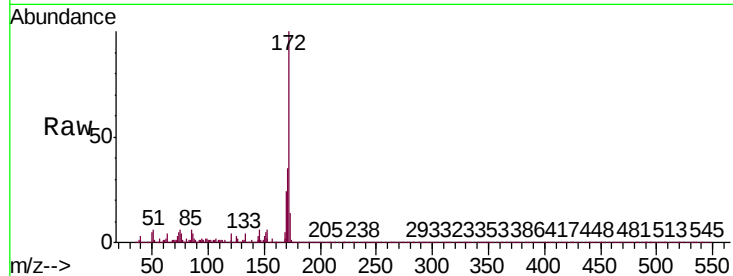




#45
 2-Fluorobiphenyl
 Concen: 33.733 ng
 RT: 12.90 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BP001648.D
 Acq: 17 Jan 2020 02:34

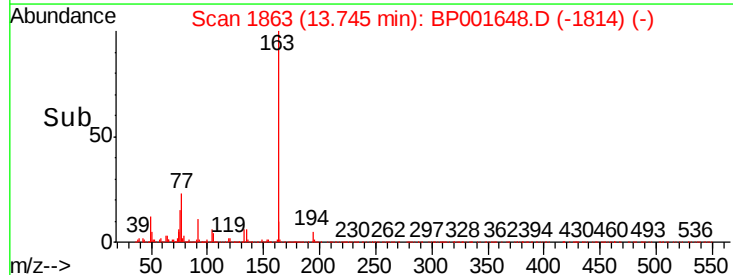
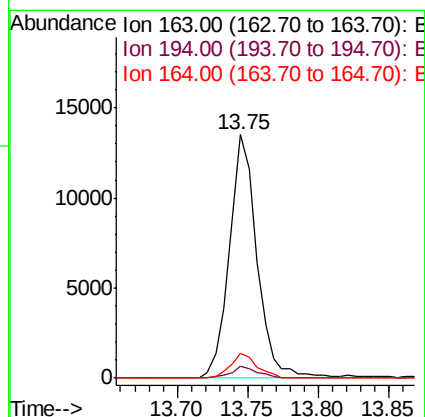
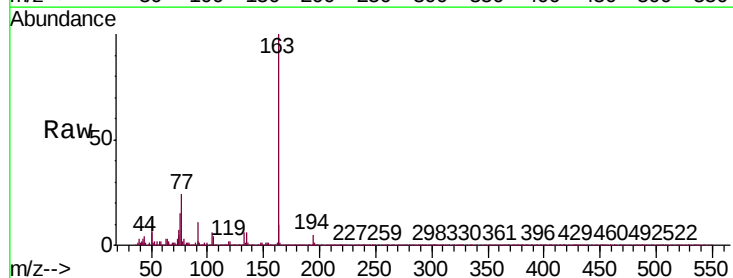
Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-FLOOR

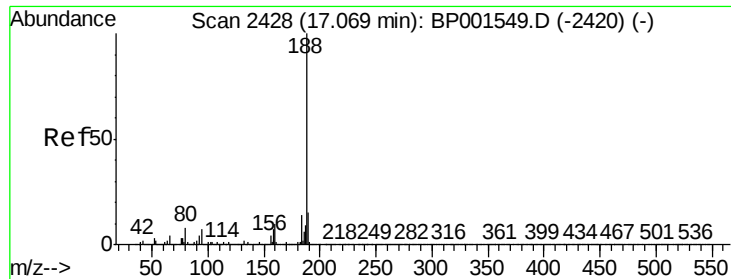
Tgt Ion:172 Resp: 240638
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.6 41.4
 170 23.8 18.3 27.5



#50
 Dimethylphthalate
 Concen: 2.133 ng
 RT: 13.75 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BP001648.D
 Acq: 17 Jan 2020 02:34

Tgt Ion:163 Resp: 18424
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.6 5.4
 164 10.2 7.5 11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP001648.D

Acq: 17 Jan 2020 02:34

Instrument :

BNA_P

ClientSampleId :

CONCRETE-FLOOR

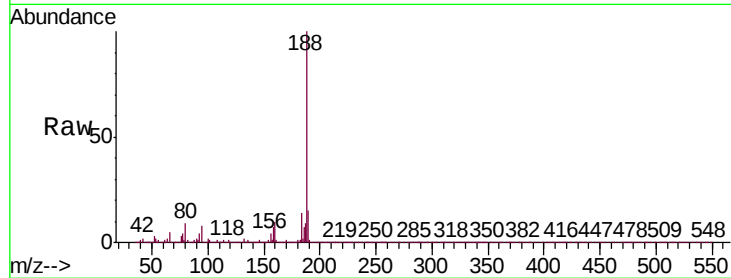
Tgt Ion:188 Resp: 229525

Ion Ratio Lower Upper

188 100

94 8.0 5.9 8.9

80 9.1 6.8 10.2



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

200000

150000

100000

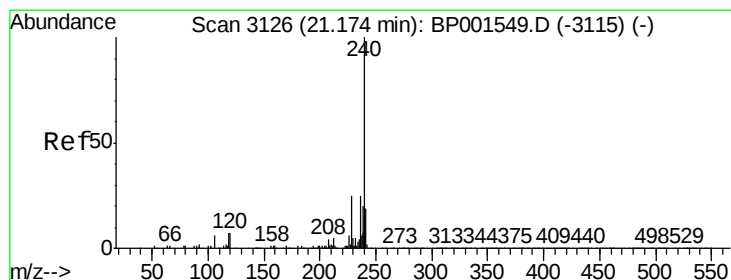
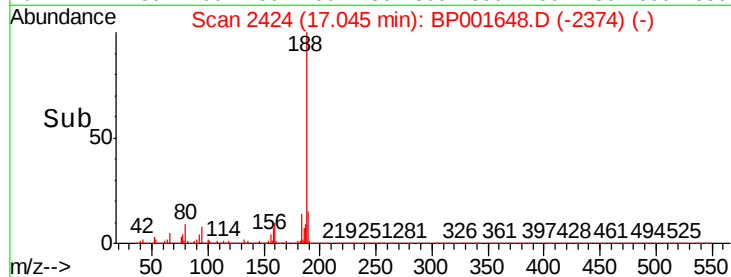
50000

0

17.04

17.00 17.10

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BP001648.D

Acq: 17 Jan 2020 02:34

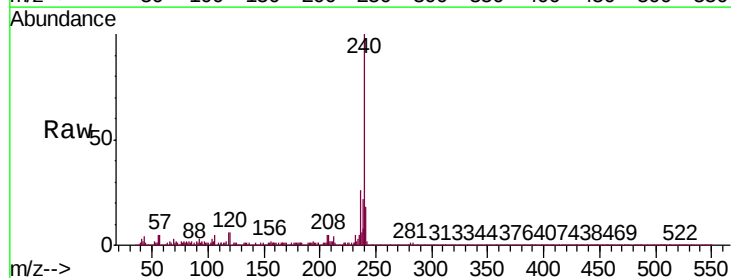
Tgt Ion:240 Resp: 167877

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

236 26.0 20.4 30.6



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

150000

100000

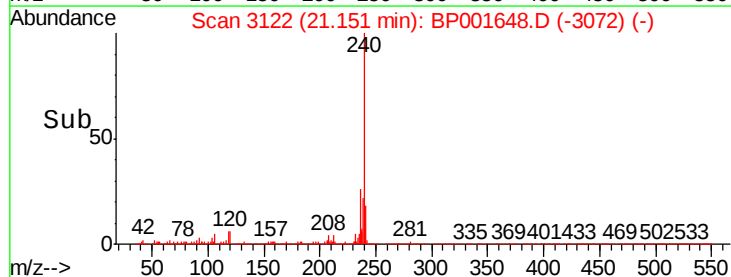
50000

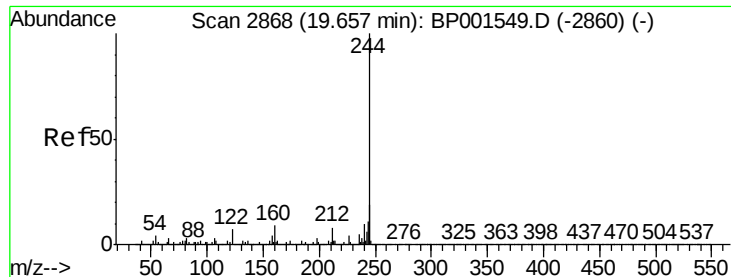
0

21.15

21.10 21.20 21.25

Time-->





#79

Terphenyl-d14

Concen: 36.046 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001648.D

Acq: 17 Jan 2020 02:34

Instrument :

BNA_P

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CONCRETE-FLOOR

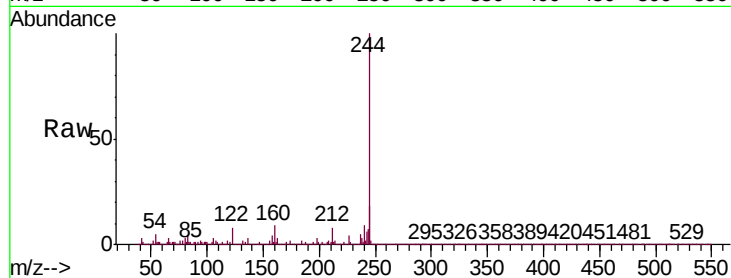
Tgt Ion:244 Resp: 330844

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

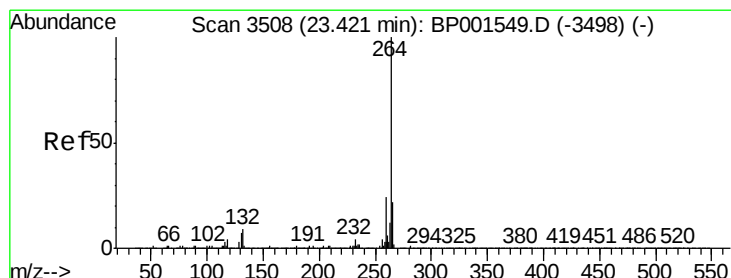
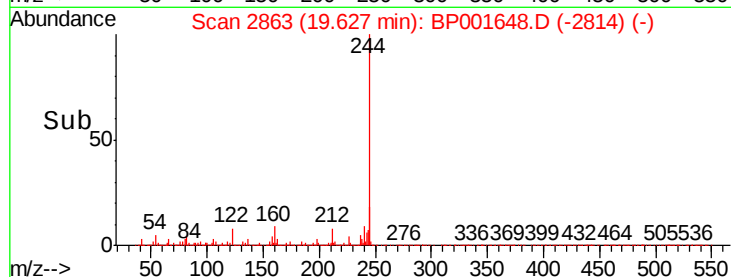
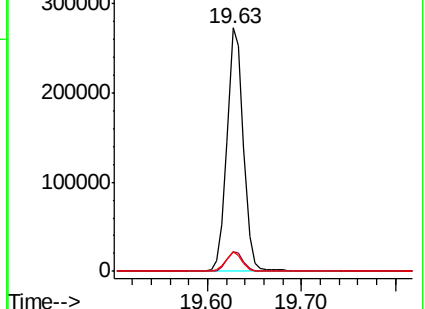
122 8.0 5.8 8.6



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: 23.38 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BP001648.D

Acq: 17 Jan 2020 02:34

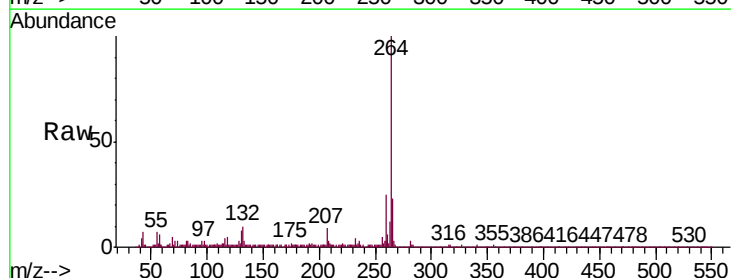
Tgt Ion:264 Resp: 175796

Ion Ratio Lower Upper

264 100

260 25.2 19.0 28.6

265 22.8 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

