

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096612.D
 Acq On : 10 Jul 2017 20:26
 Operator : SJ/JU
 Sample : I4101-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-17

Quant Time: Jul 11 03:46:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

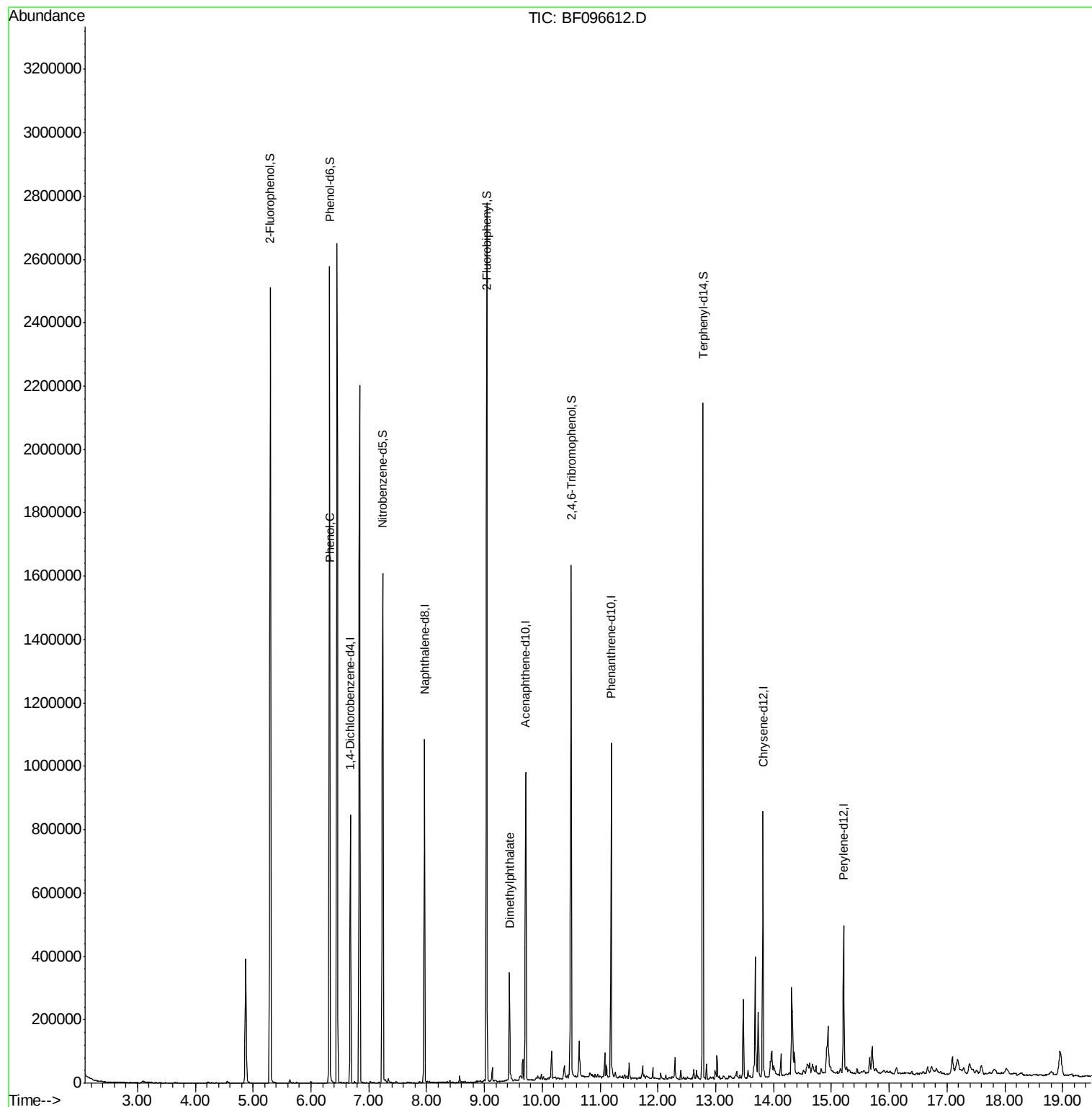
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	115243	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	480499	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	213817	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	366608	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	256869	20.00	ng	-0.03
86) Perylene-d12	15.22	264	197280	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	718697	92.05	ng	-0.01
7) Phenol-d6	6.32	99	897866	93.54	ng	-0.02
23) Nitrobenzene-d5	7.24	82	555201	69.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	185136	110.85	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	968421	77.44	ng	-0.02
78) Terphenyl-d14	12.78	244	751244	62.49	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	21927	2.01	ng	91
49) Dimethylphthalate	9.43	163	127205	7.97	ng	98

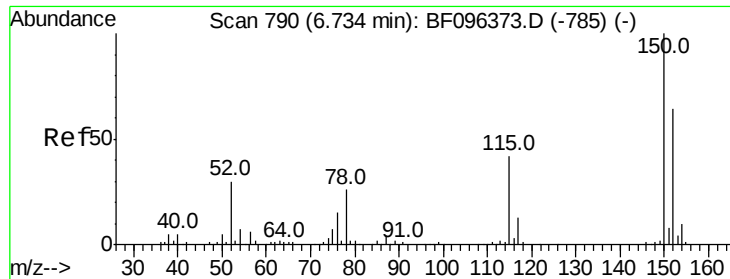
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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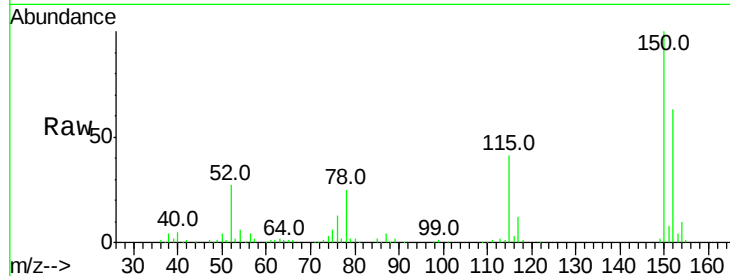


#1

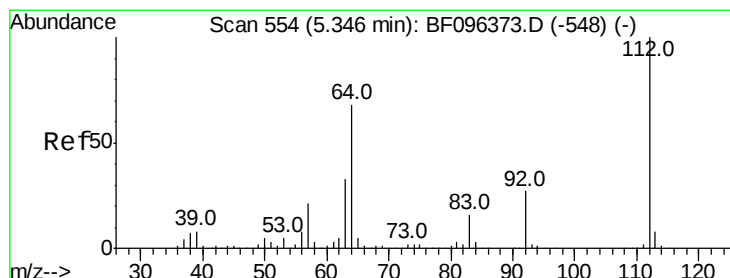
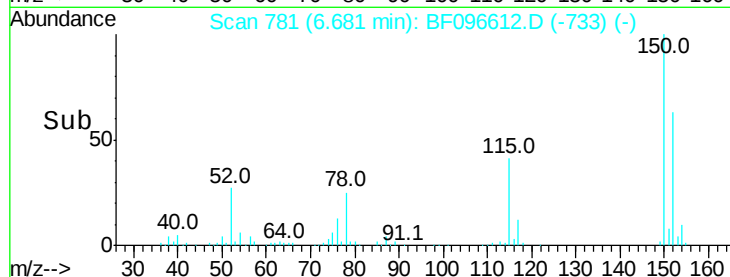
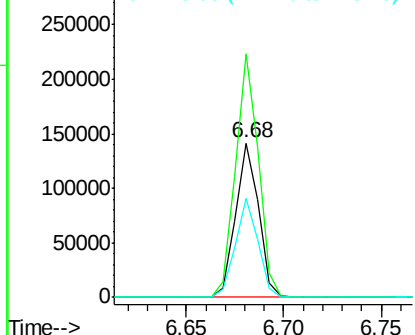
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

Instrument :
BNA_F
ClientSampleId :
EP-17

Tot Ion:152 Resp: 115243
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 64.3 52.2 78.2



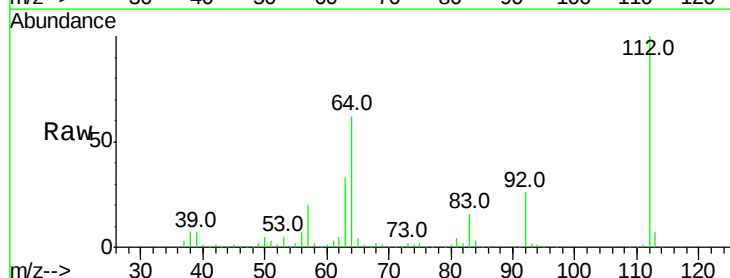
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



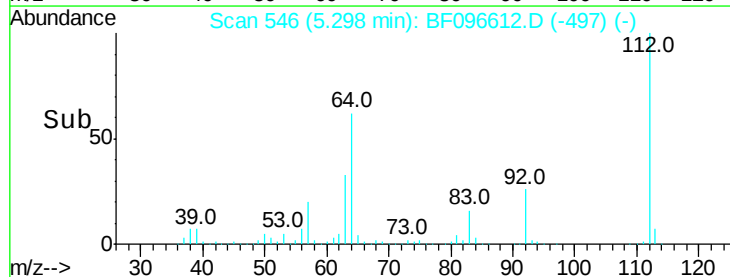
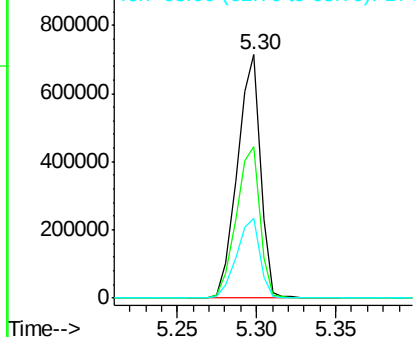
#5

2-Fluorophenol
Concen: 92.05 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

Tgt Ion:112 Resp: 718697
Ion Ratio Lower Upper
112 100
64 62.4 46.0 69.0
63 32.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.54 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

Instrument :

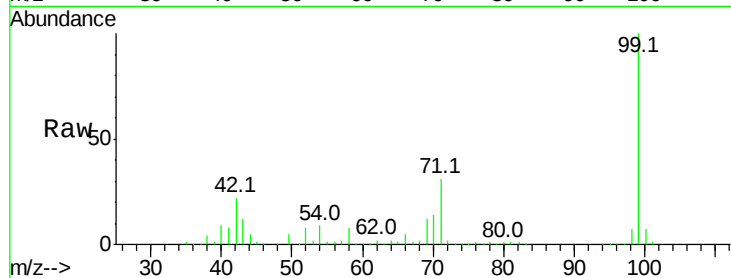
BNA_F

ClientSampled :

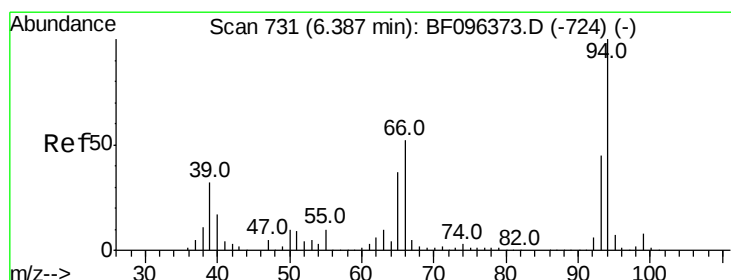
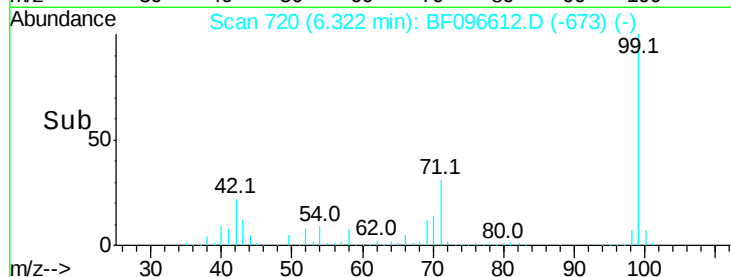
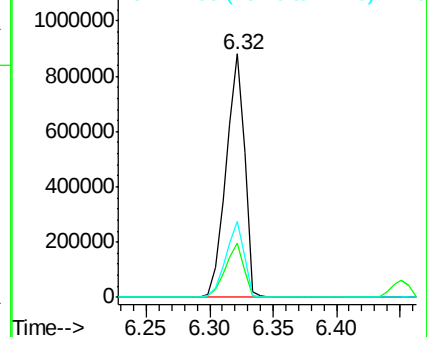
EP-17

Tot Ion: 99 Resp: 897866

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.4	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.01 ng

RT: 6.33 min Scan# 722

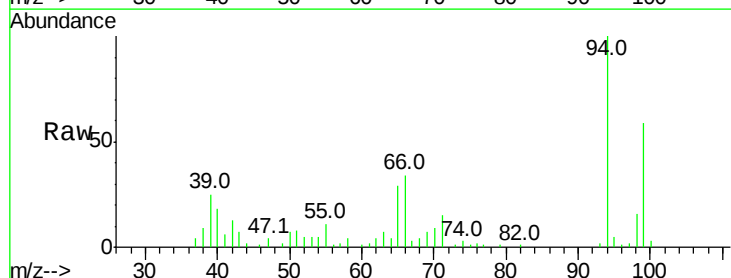
Delta R.T. -0.02 min

Lab File: BF096612.D

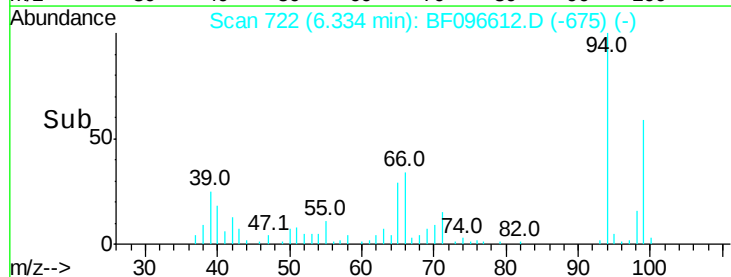
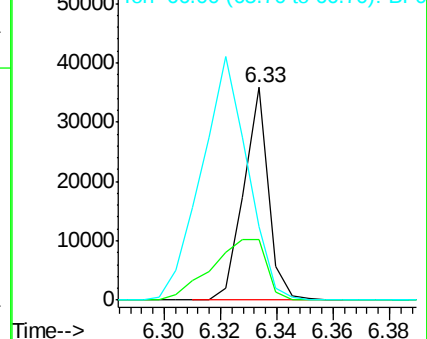
Acq: 10 Jul 2017 20:26

Tgt Ion: 94 Resp: 21927

Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.9	49.9
66	34.4	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

Instrument :

BNA_F

ClientSampleId :

EP-17

Tot Ion:136 Resp: 480499

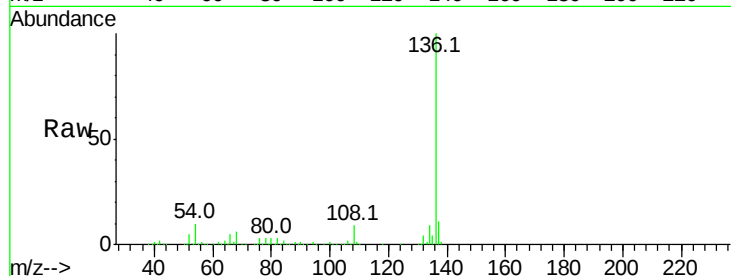
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 10.0 4.9 7.3#

68 5.5 4.1 6.1

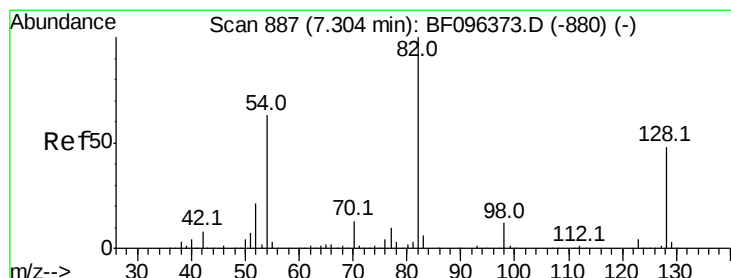
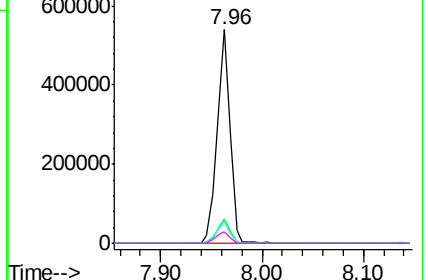
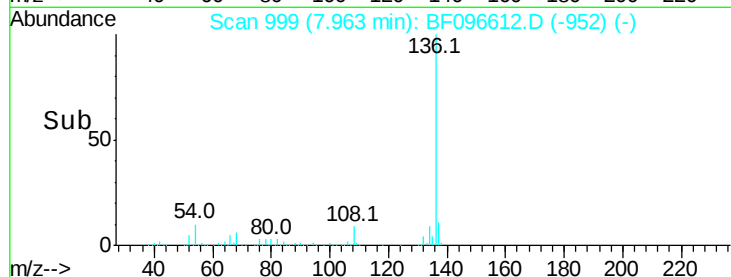


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 69.43 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.03 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

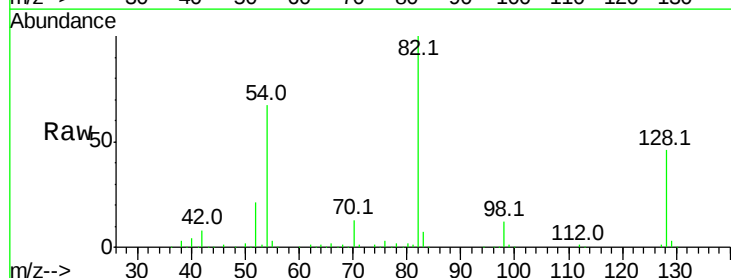
Tgt Ion: 82 Resp: 555201

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

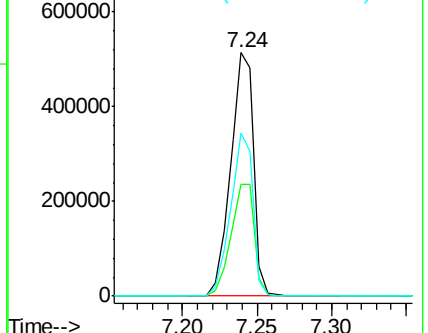
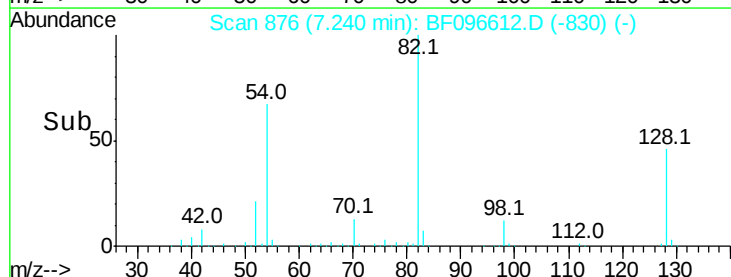
54 67.1 42.2 63.2#

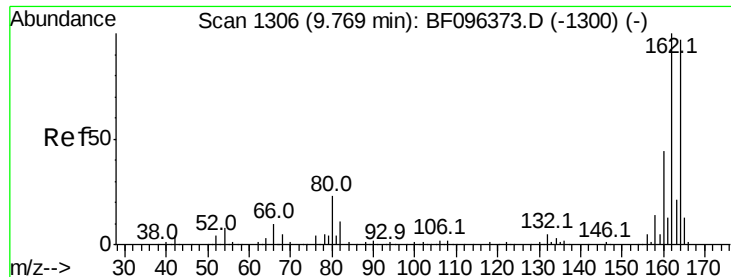


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

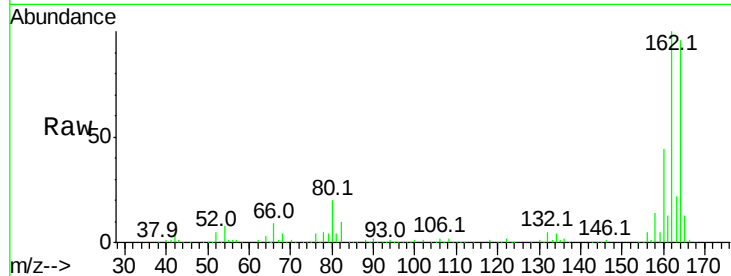




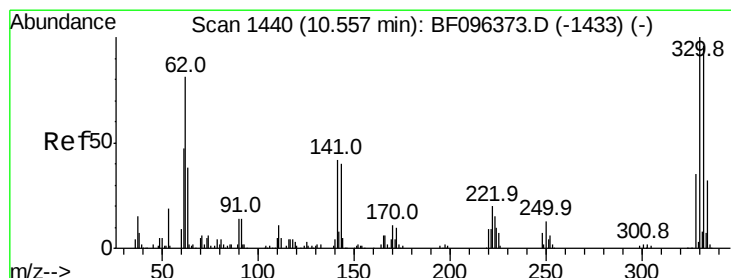
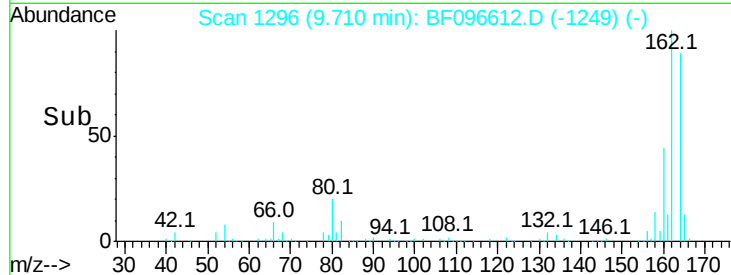
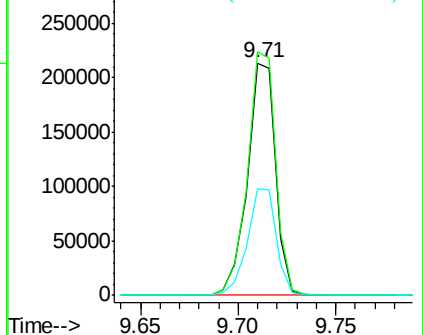
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

Instrument :
BNA_F
ClientSampleId :
EP-17

Tot Ion:164 Resp: 213817
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 45.8 36.2 54.2

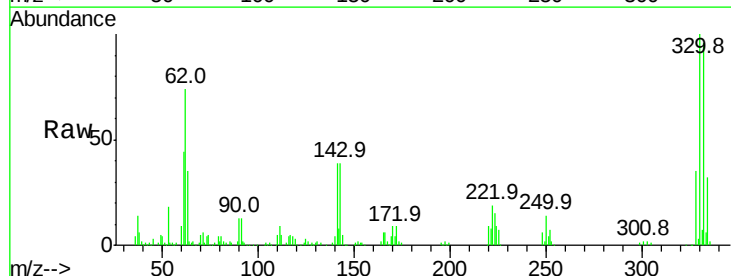


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

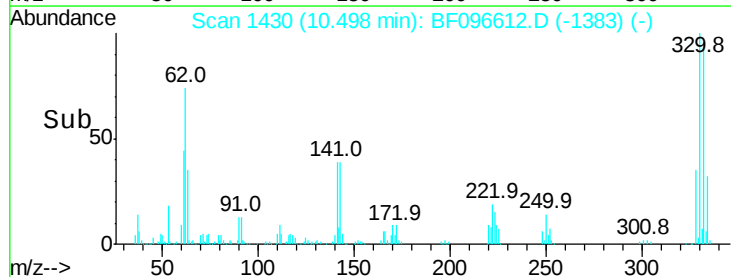
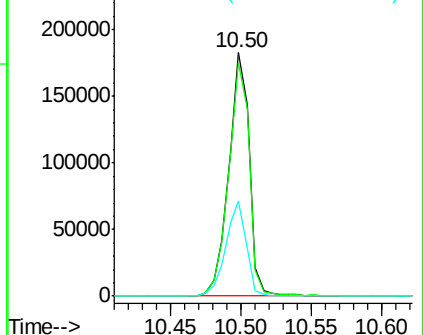


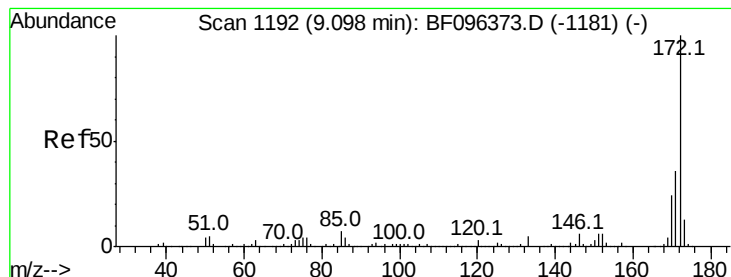
#41
2,4,6-Tribromophenol
Concen: 110.85 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

Tgt Ion:330 Resp: 185136
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 39.0 31.4 47.2



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: 77.44 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

Instrument :

BNA_F

ClientSampleId :

EP-17

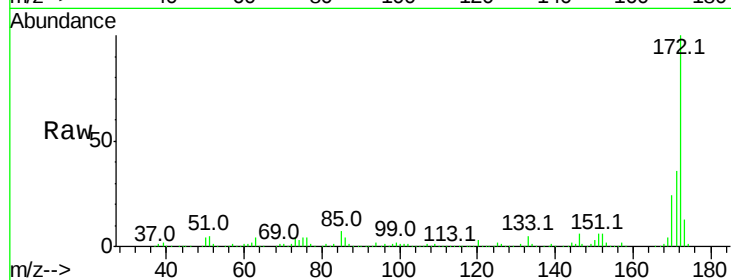
Tot Ion:172 Resp: 968421

Ion Ratio Lower Upper

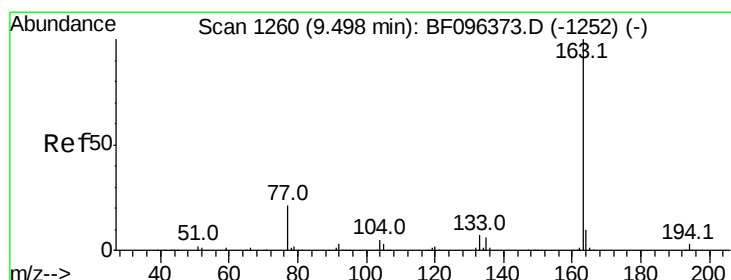
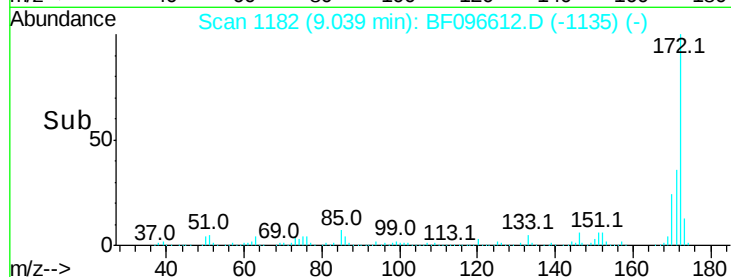
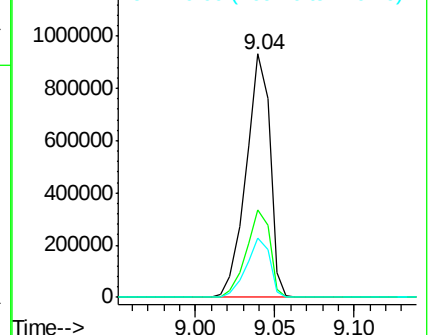
172 100

171 35.9 29.6 44.4

170 24.5 19.8 29.8



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



#49

Dimethylphthalate

Concen: 7.97 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

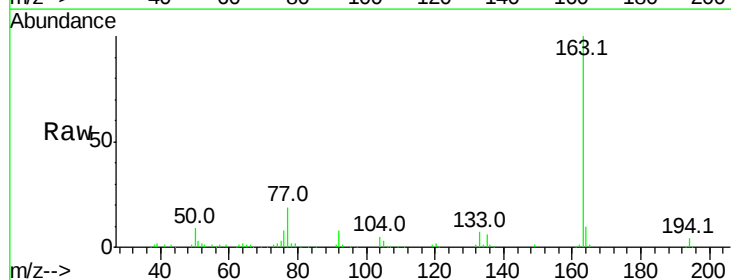
Tgt Ion:163 Resp: 127205

Ion Ratio Lower Upper

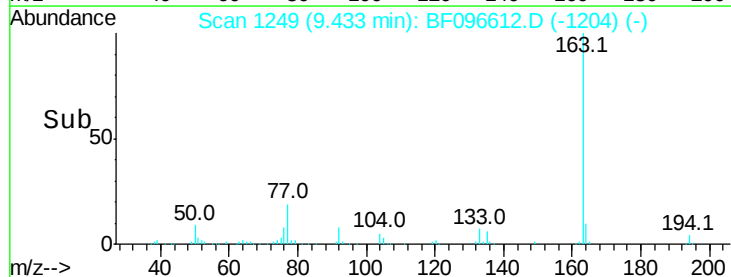
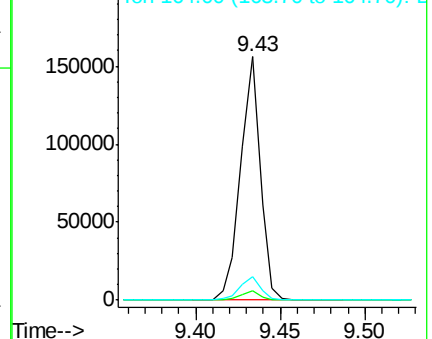
163 100

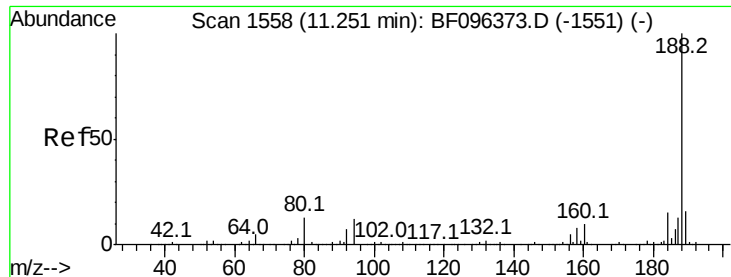
194 3.9 2.6 4.0

164 9.8 8.4 12.6



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

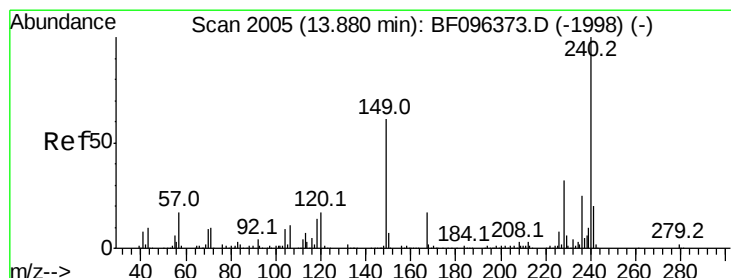
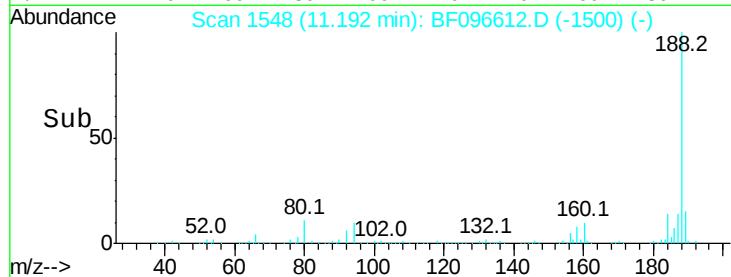
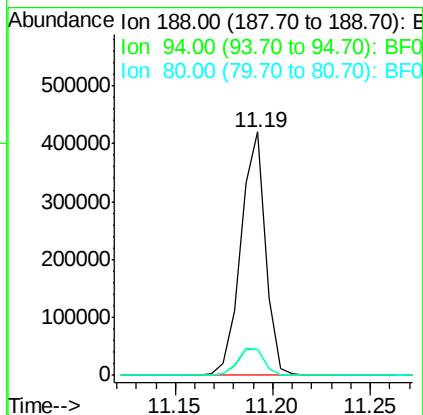
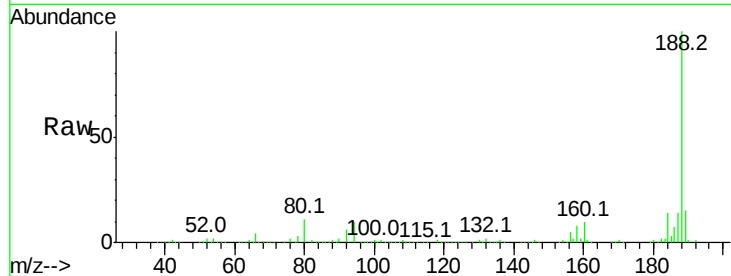




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

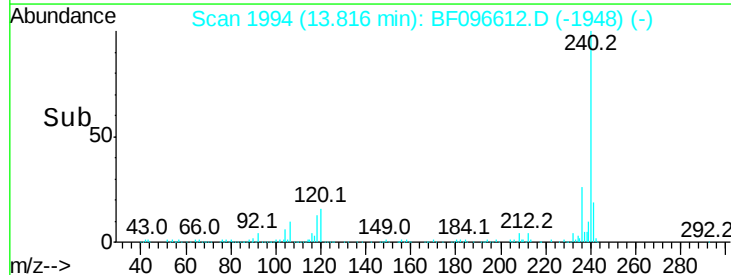
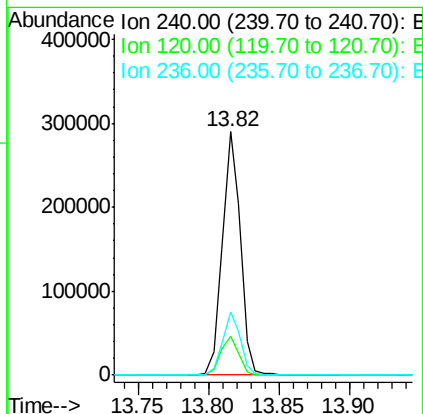
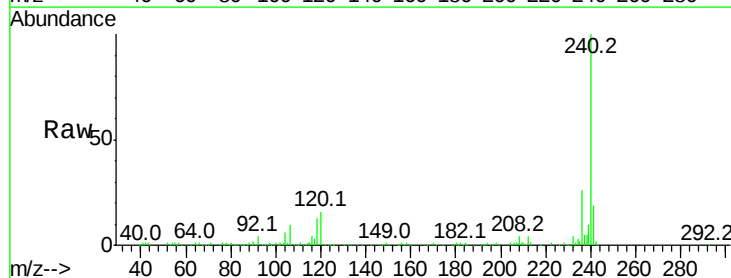
Instrument :
BNA_F
ClientSampled :
EP-17

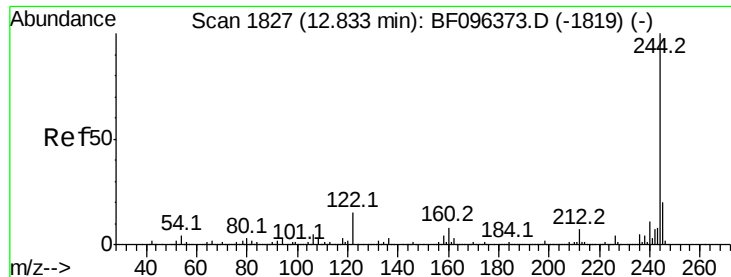
Tot Ion:188 Resp: 366608
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BF096612.D
Acq: 10 Jul 2017 20:26

Tgt Ion:240 Resp: 256869
Ion Ratio Lower Upper
240 100
120 16.0 5.8 8.8#
236 25.9 20.5 30.7





#78

Terphenyl-d14

Concen: 62.49 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

Instrument :

BNA_F

ClientSampleId :

EP-17

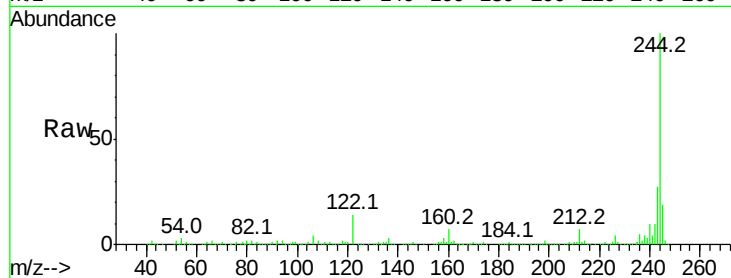
Tot Ion:244 Resp: 751244

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

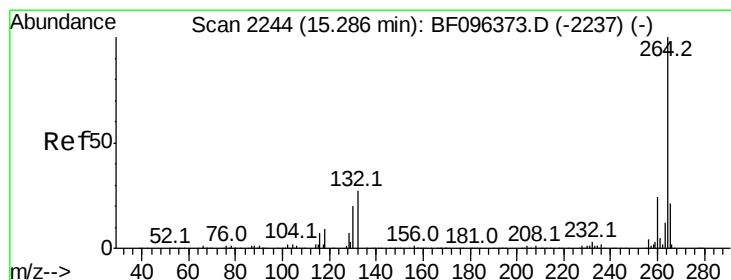
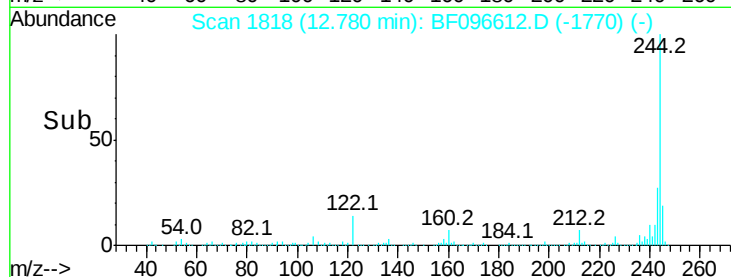
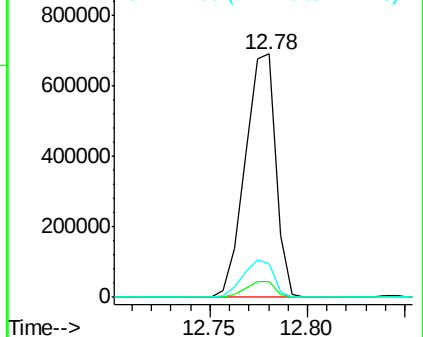
122 13.6 10.3 15.5



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: 15.22 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BF096612.D

Acq: 10 Jul 2017 20:26

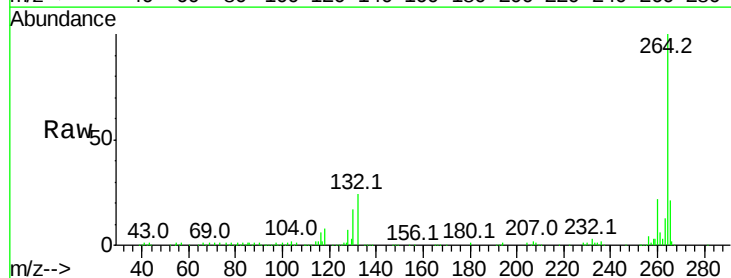
Tgt Ion:264 Resp: 197280

Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 20.6 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

