

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
 Data File : BP000620.D
 Acq On : 10 Oct 2019 16:52
 Operator : JU
 Sample : K5292-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20180657-AMENDED-COMP-D

Quant Time: Oct 11 04:52:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

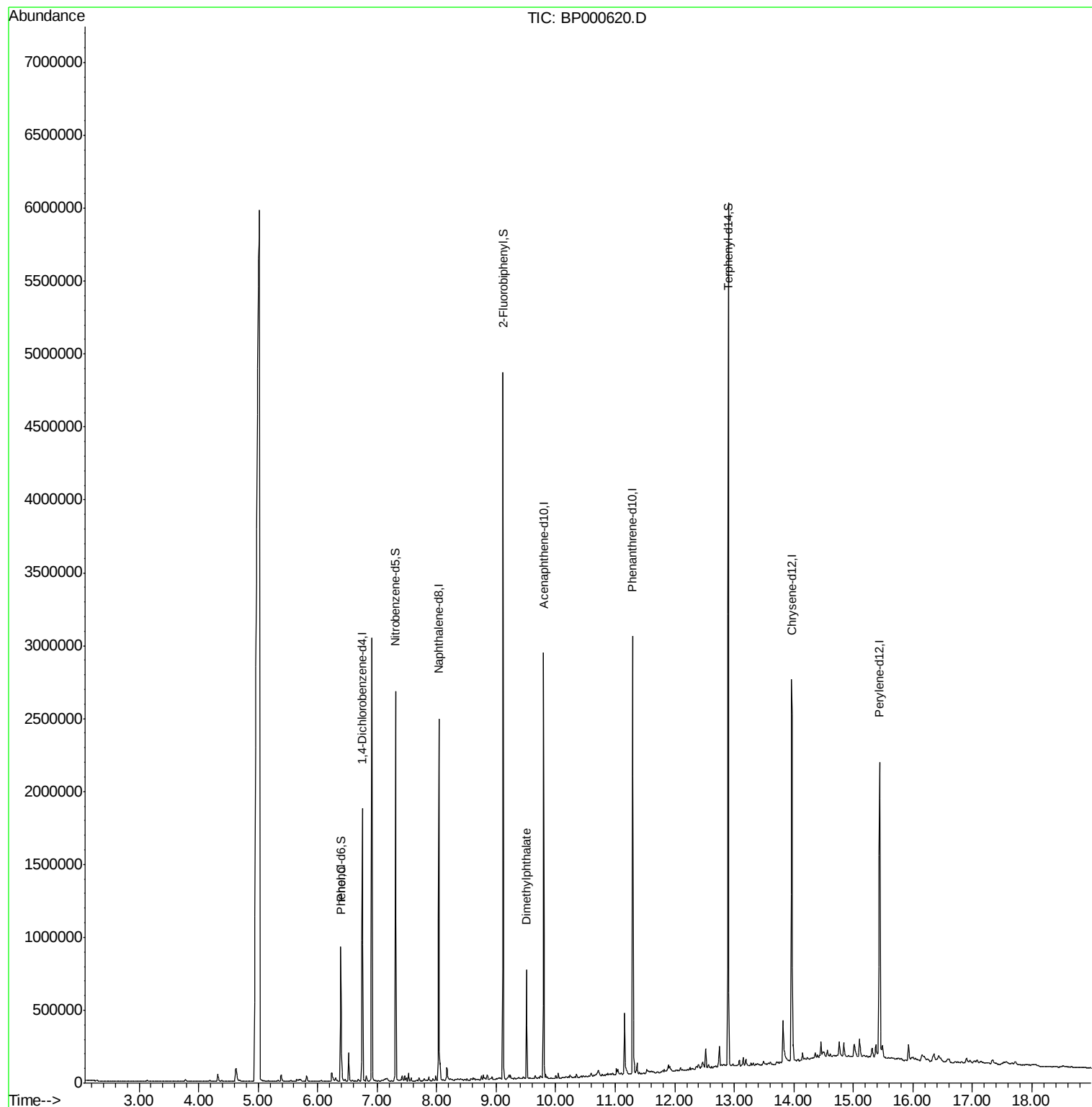
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	262170	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	975052	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	549626	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	991645	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	845972	20.00	ng	-0.02
87) Perylene-d12	15.44	264	929530	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	17200	1.05	ng	0.00
7) Phenol-d6	6.39	99	247053	12.57	ng	-0.02
23) Nitrobenzene-d5	7.31	82	756944	47.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	2156	0.37	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1354243	39.87	ng	-0.02
79) Terphenyl-d14	12.90	244	1903873	45.57	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	63866	3.174	ng	98
50) Dimethylphthalate	9.51	163	265155	6.943	ng	100

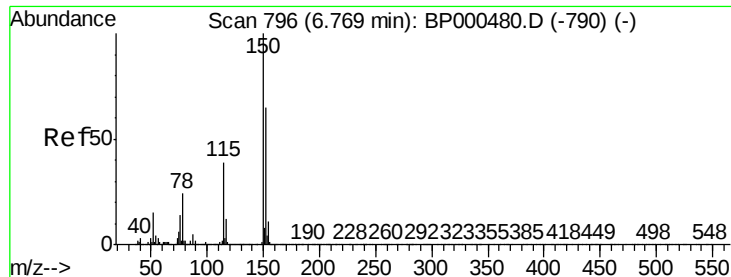
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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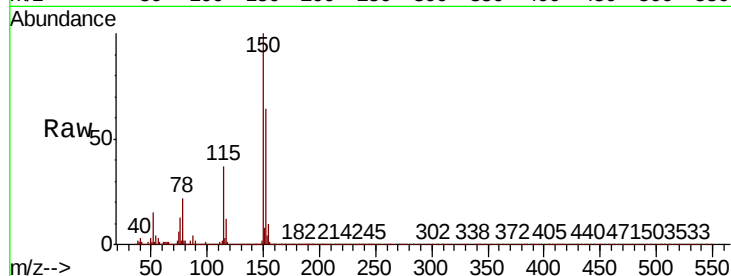


#1

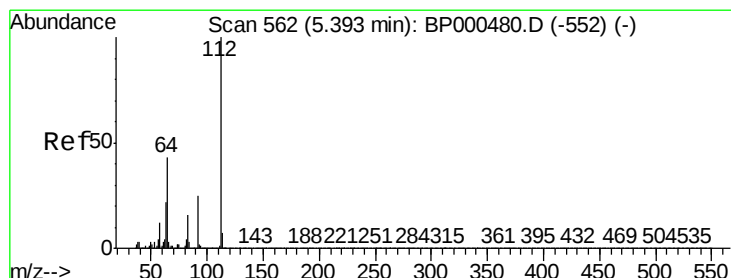
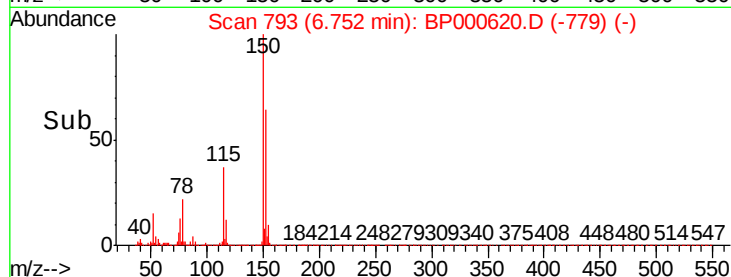
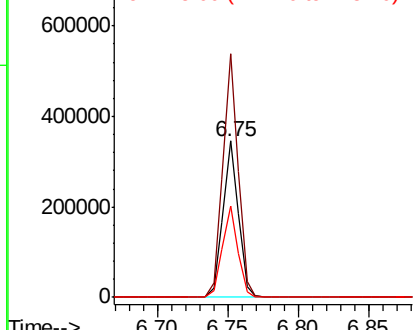
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000620.D
Acq: 10 Oct 2019 16:52

Instrument :
BNA_P
ClientSampleId :
20180657-AMENDED-COMP-D

Tot Ion:152 Resp: 262170
Ion Ratio Lower Upper
152 100
150 156.0 124.1 186.1
115 58.4 48.7 73.1



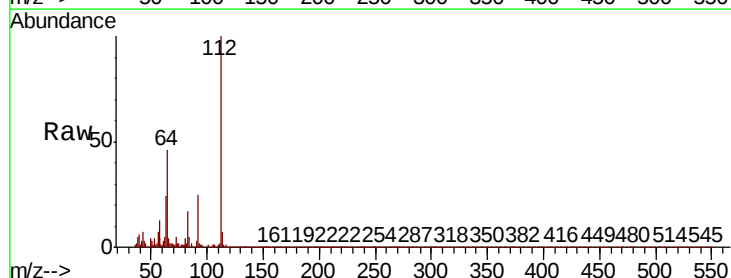
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



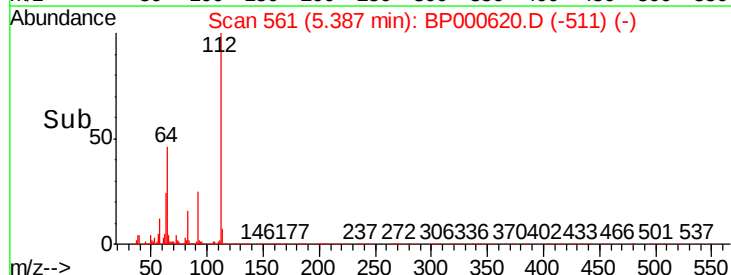
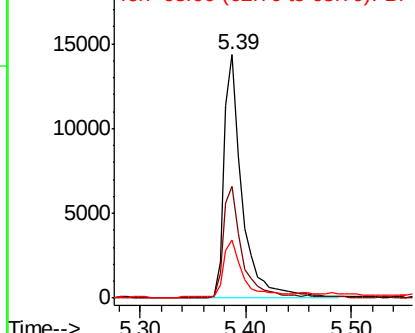
#5

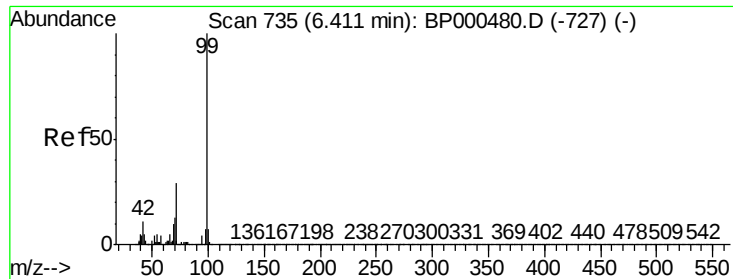
2-Fluorophenol
Concen: 1.055 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000620.D
Acq: 10 Oct 2019 16:52

Tgt Ion:112 Resp: 17200
Ion Ratio Lower Upper
112 100
64 45.6 34.2 51.4
63 23.9 17.9 26.9



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: 12.570 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000620.D

Acq: 10 Oct 2019 16:52

Instrument :

BNA_P

ClientSampleId :

20180657-AMENDED-COMP-D

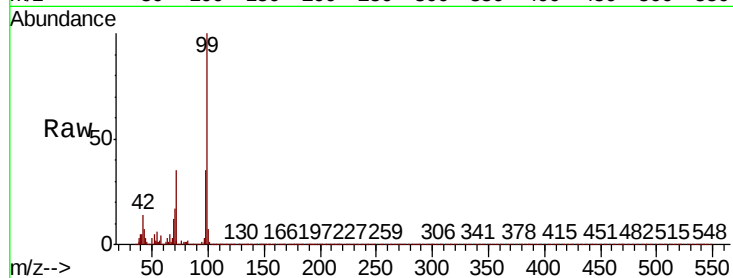
Tot Ion: 99 Resp: 247053

Ion Ratio Lower Upper

99 100

42 14.1 8.6 12.8#

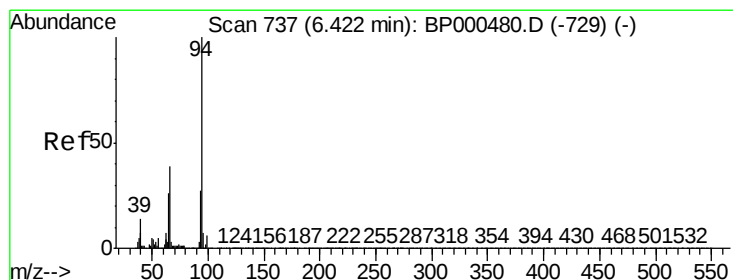
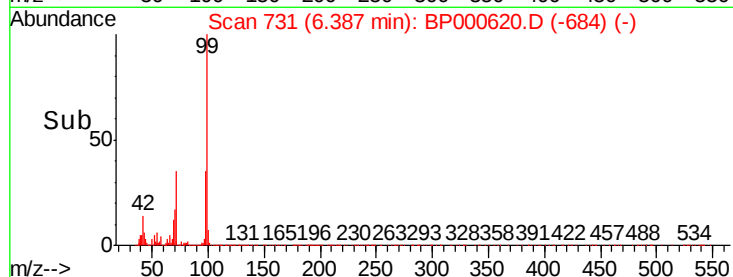
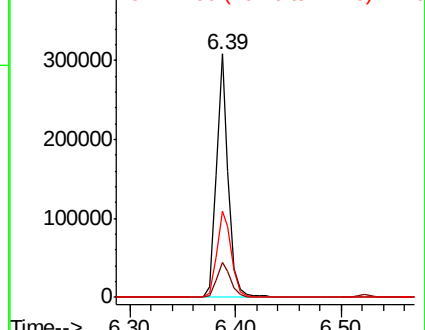
71 35.4 23.0 34.4#



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



#10

Phenol

Concen: 3.174 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000620.D

Acq: 10 Oct 2019 16:52

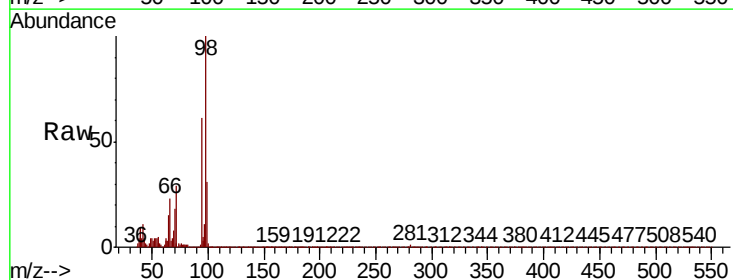
Tgt Ion: 94 Resp: 63866

Ion Ratio Lower Upper

94 100

65 24.9 5.9 45.9

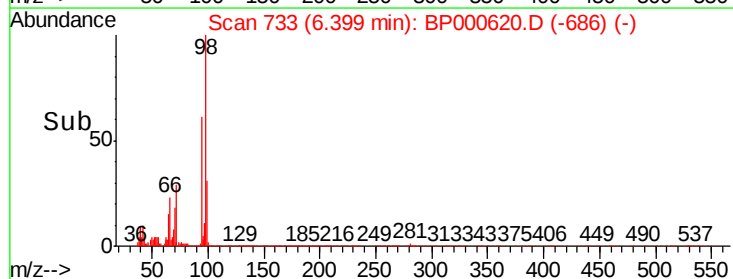
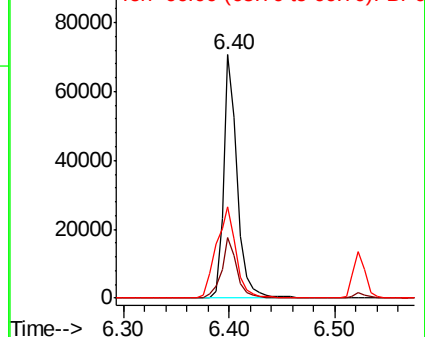
66 37.5 18.8 58.8

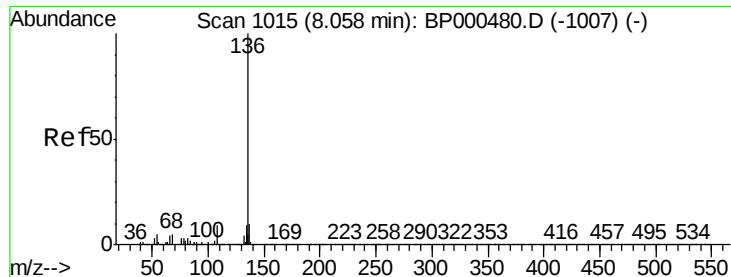


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BP000620.D

Acq: 10 Oct 2019 16:52

Instrument :

BNA_P

ClientSampleId :

20180657-AMENDED-COMP-D

Tot Ion:136 Resp: 975052

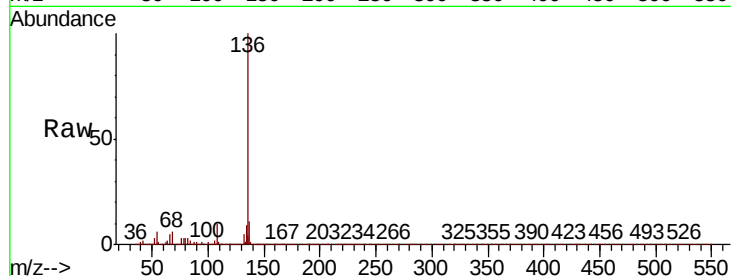
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 5.9 4.1 6.1

68 5.8 4.1 6.1

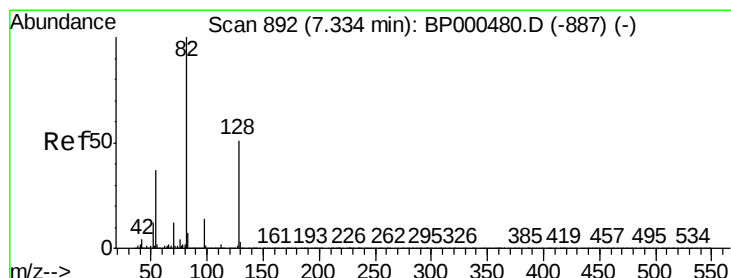
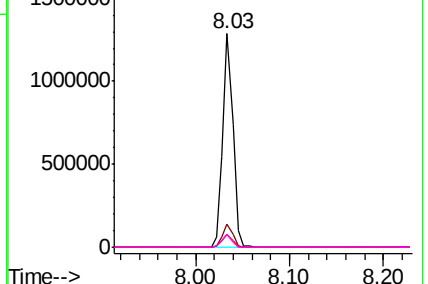
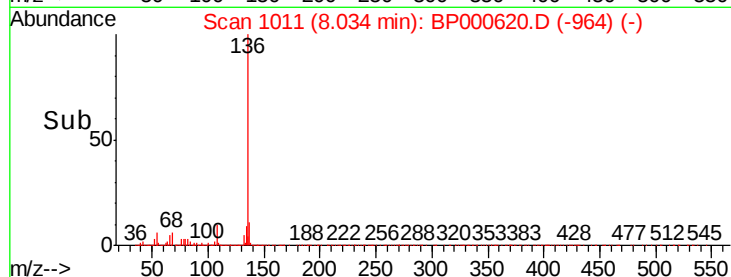


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 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: 47.413 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BP000620.D

Acq: 10 Oct 2019 16:52

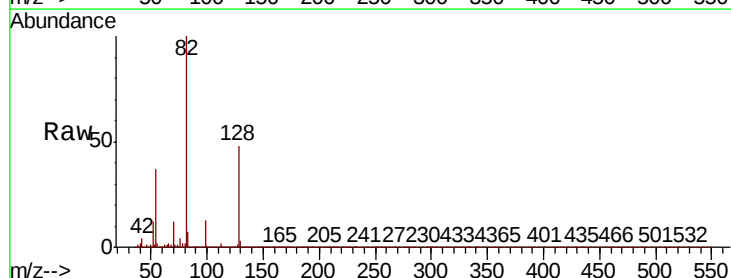
Tgt Ion: 82 Resp: 756944

Ion Ratio Lower Upper

82 100

128 48.3 40.9 61.3

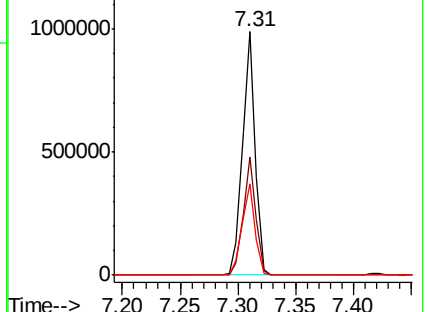
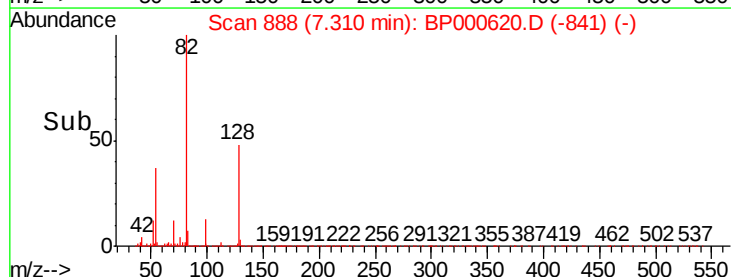
54 37.5 29.4 44.2

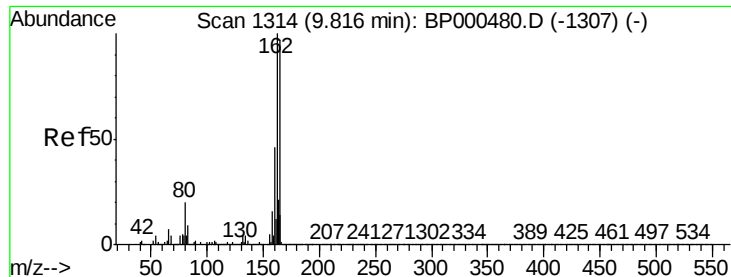


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

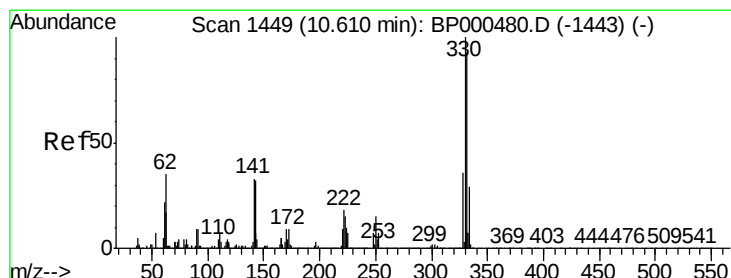
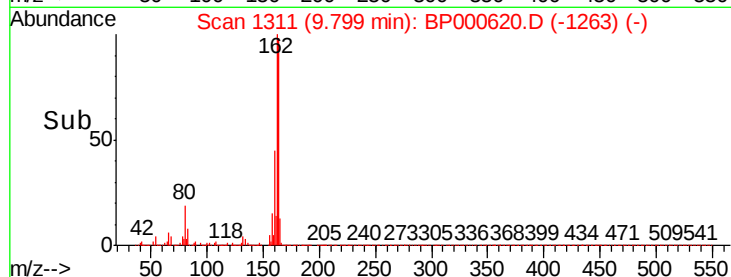
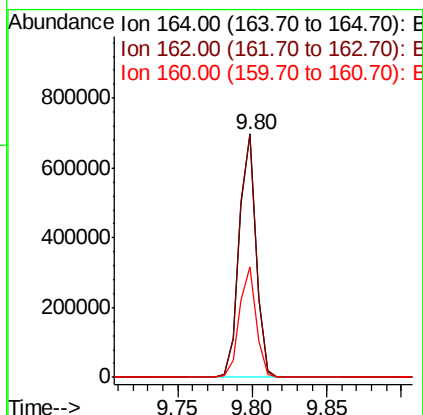
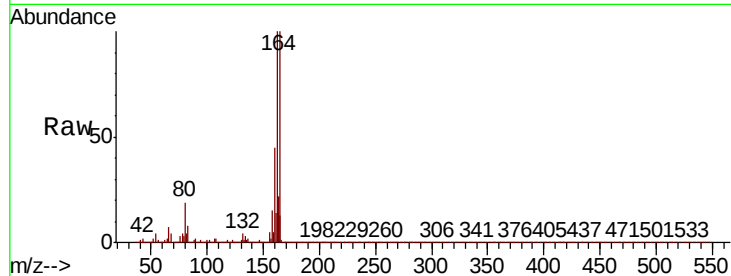




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BP000620.D
 Acq: 10 Oct 2019 16:52

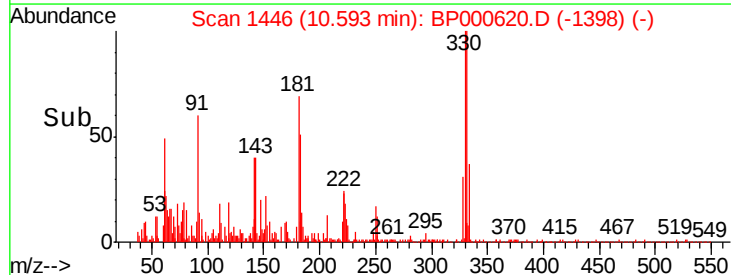
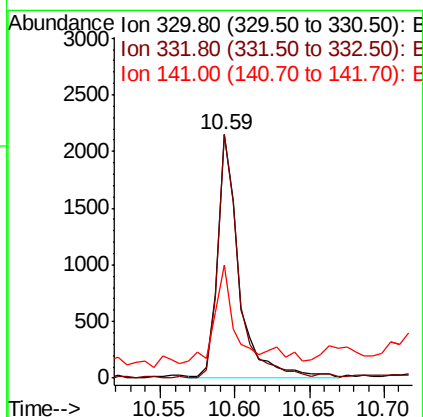
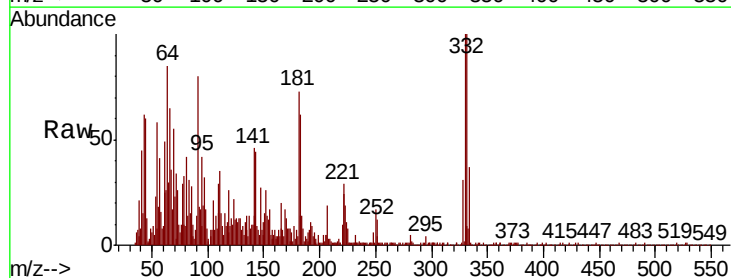
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 20180657-AMENDED-COMP-D

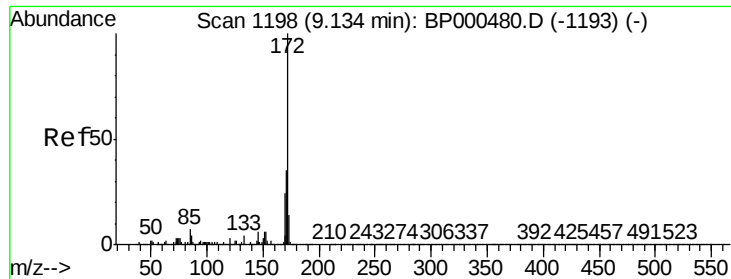
Tot Ion:164 Resp: 549626
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.2 123.2
 160 45.3 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 0.368 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BP000620.D
 Acq: 10 Oct 2019 16:52

Tgt Ion:330 Resp: 2156
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 35.9 26.0 39.0

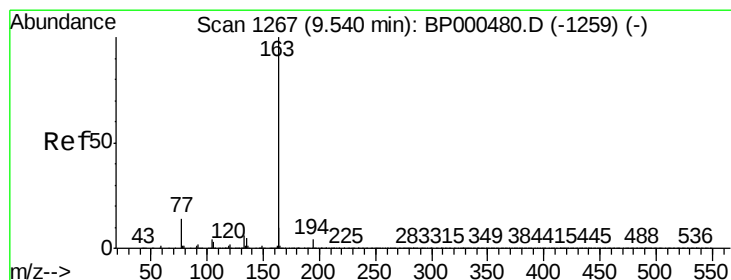
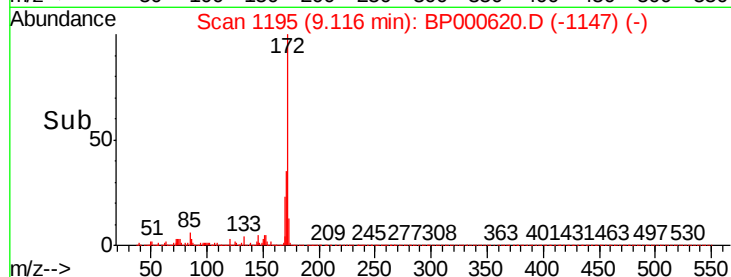
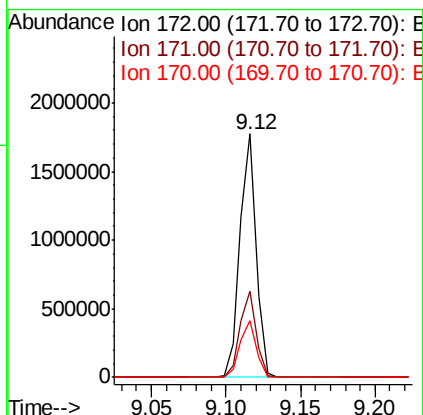
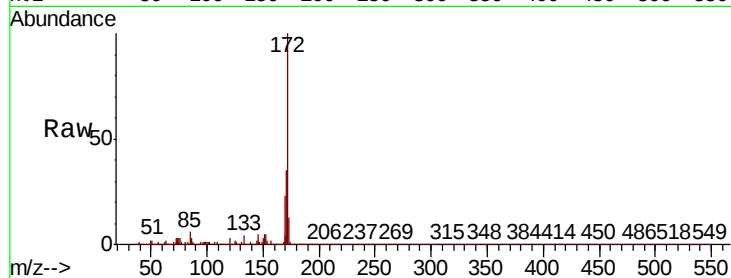




#45
2-Fluorobiphenyl
Concen: 39.866 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000620.D
Acq: 10 Oct 2019 16:52

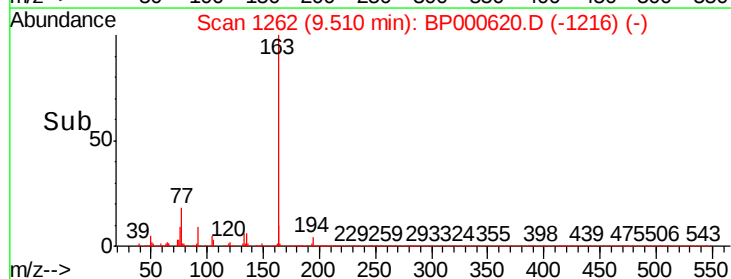
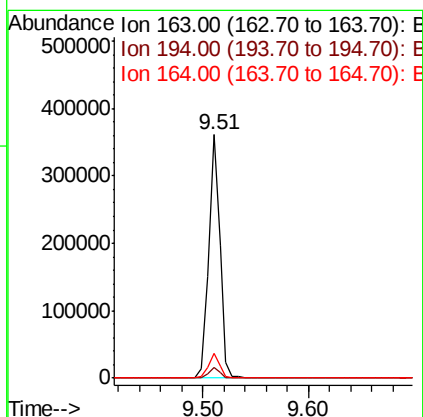
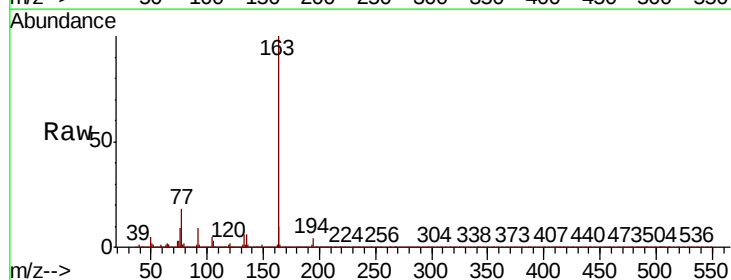
Instrument :
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20180657-AMENDED-COMP-D

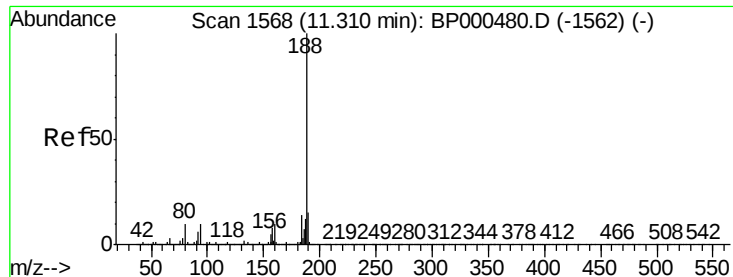
Tot Ion:172 Resp: 1354243
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 19.1 28.7



#50
Dimethylphthalate
Concen: 6.943 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000620.D
Acq: 10 Oct 2019 16:52

Tgt Ion:163 Resp: 265155
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.1 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000620.D

Acq: 10 Oct 2019 16:52

Instrument :

BNA_P

ClientSampleId :

20180657-AMENDED-COMP-D

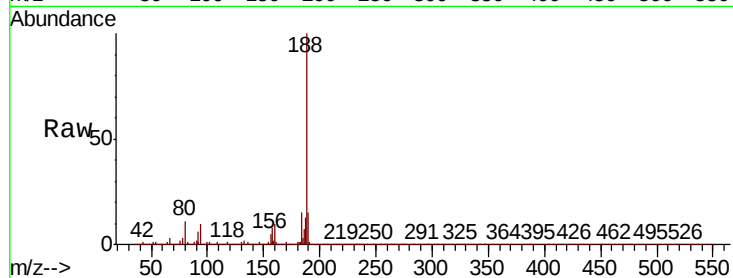
Tot Ion:188 Resp: 991645

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

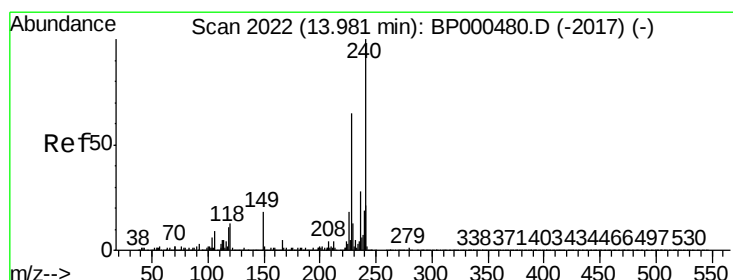
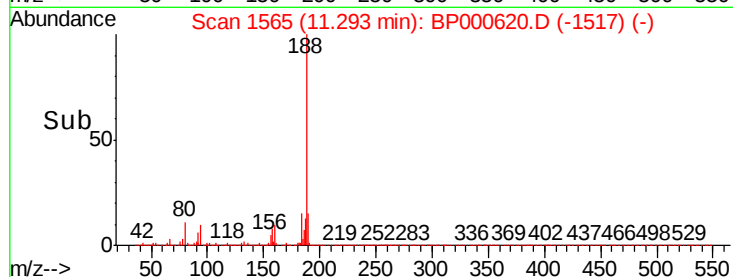
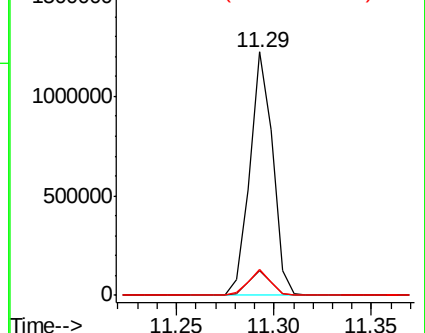
80 10.6 8.3 12.5



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: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BP000620.D

Acq: 10 Oct 2019 16:52

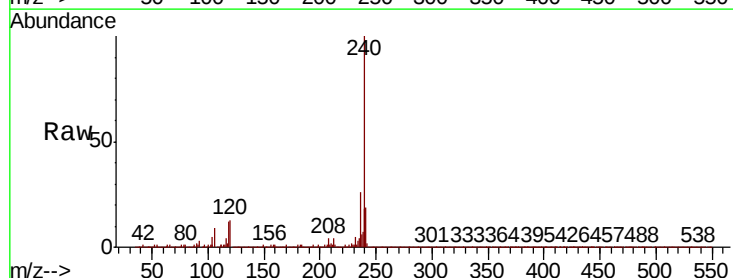
Tgt Ion:240 Resp: 845972

Ion Ratio Lower Upper

240 100

120 13.2 10.1 15.1

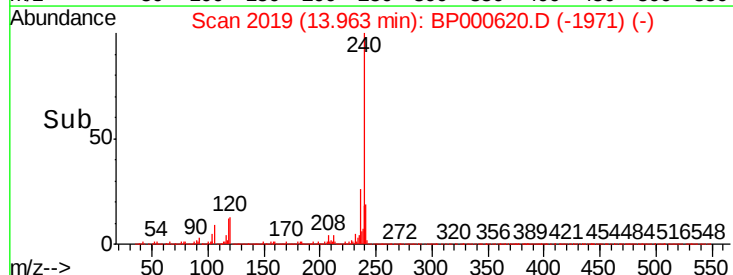
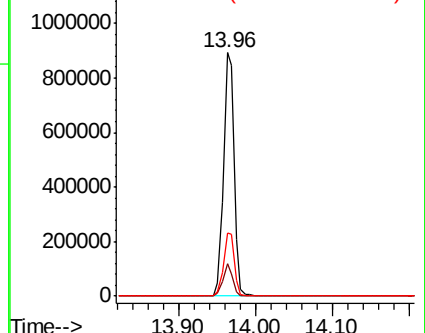
236 26.1 22.7 34.1

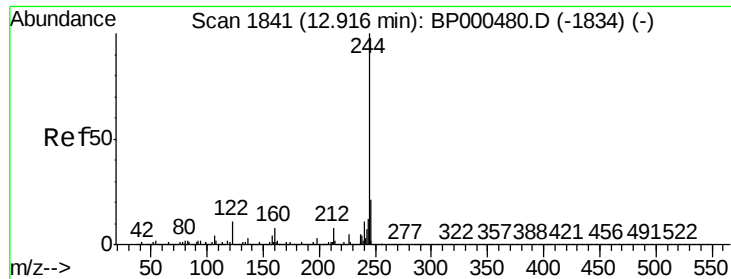


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 45.567 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000620.D

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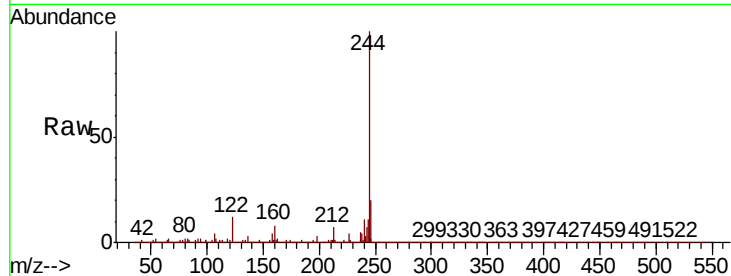
Tot Ion:244 Resp: 1903873

Ion Ratio Lower Upper

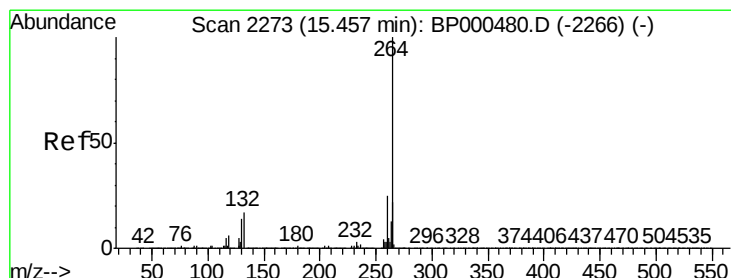
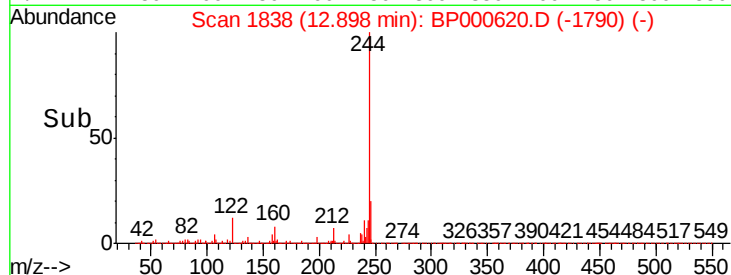
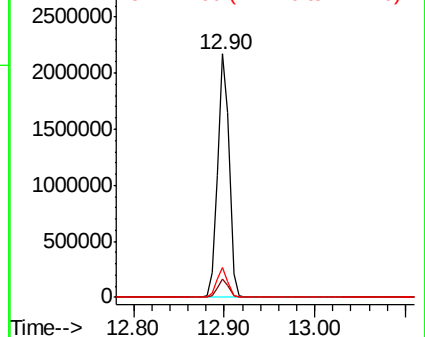
244 100

212 7.4 6.0 9.0

122 12.3 8.9 13.3



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: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000620.D

Acq: 10 Oct 2019 16:52

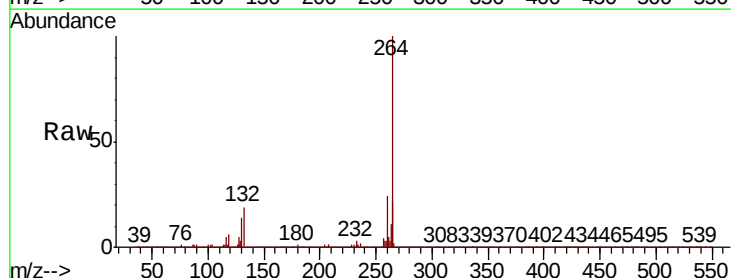
Tgt Ion:264 Resp: 929530

Ion Ratio Lower Upper

264 100

260 23.9 20.3 30.5

265 21.5 18.0 27.0



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

