

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001420.D
 Acq On : 26 Dec 2019 14:26
 Operator : JU
 Sample : PB125664TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 03:50:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

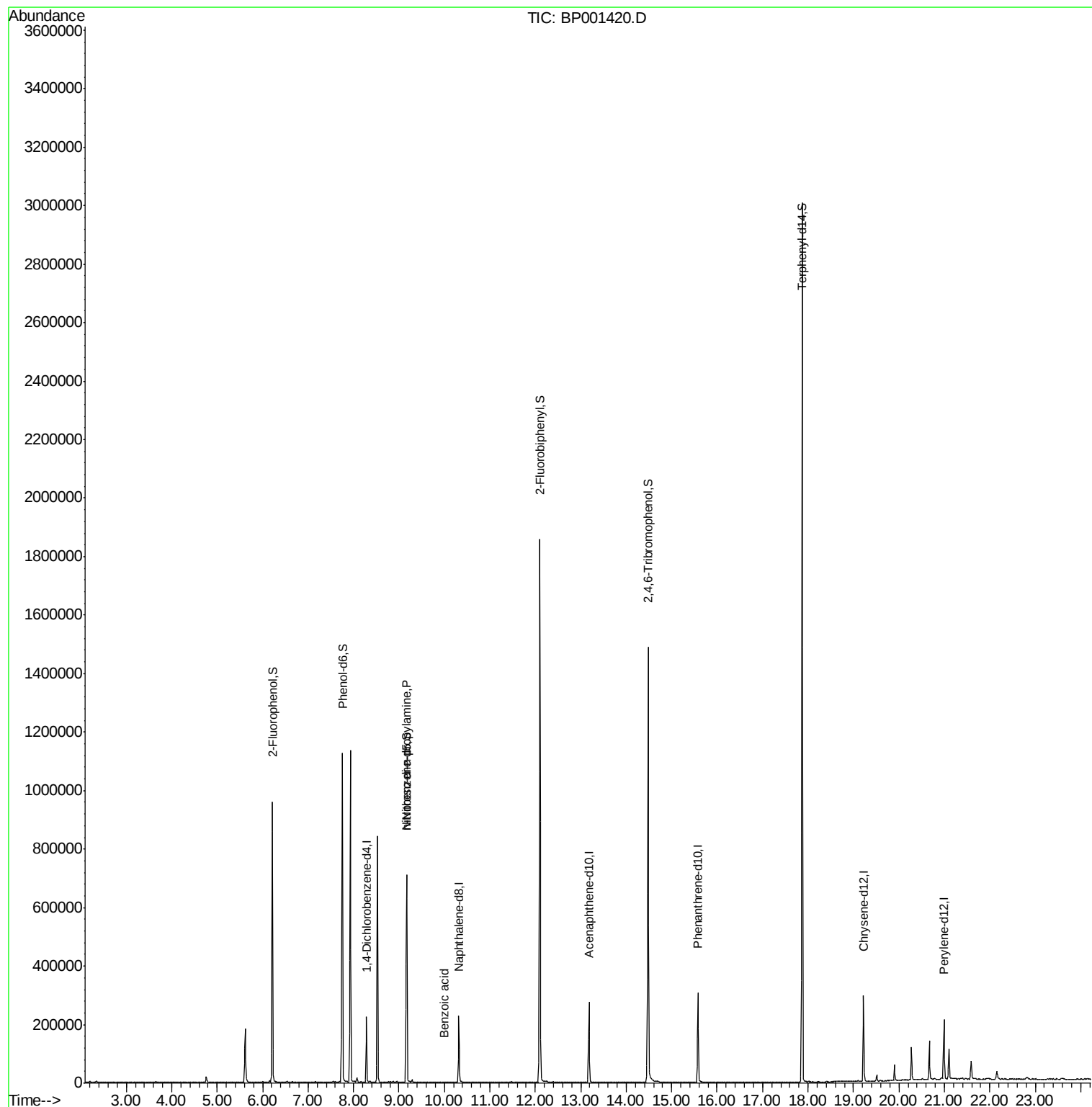
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36735	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	131206	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	78895	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	150038	20.00	ng	0.00
76) Chrysene-d12	19.22	240	114116	20.00	ng	0.00
87) Perylene-d12	20.99	264	113406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	287696	126.57	ng	0.02
7) Phenol-d6	7.76	99	464064	156.47	ng	0.00
23) Nitrobenzene-d5	9.17	82	323391	94.65	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	230572	233.76	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	778782	124.82	ng	0.00
79) Terphenyl-d14	17.87	244	1216328	182.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	49566	23.541	ng	# 80
32) Benzoic acid	10.00	122	20	5.035	ng	# 42

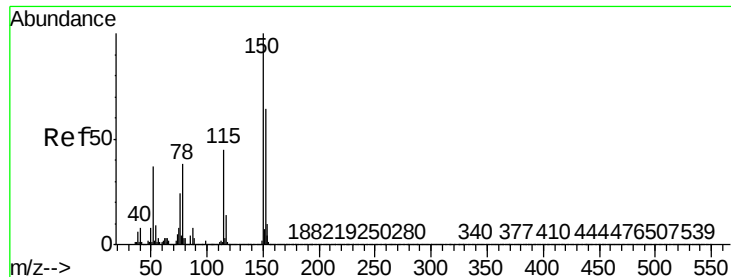
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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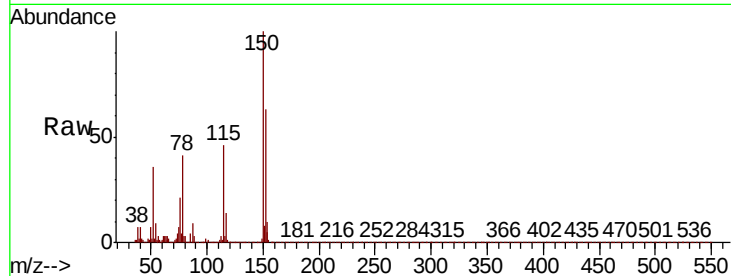




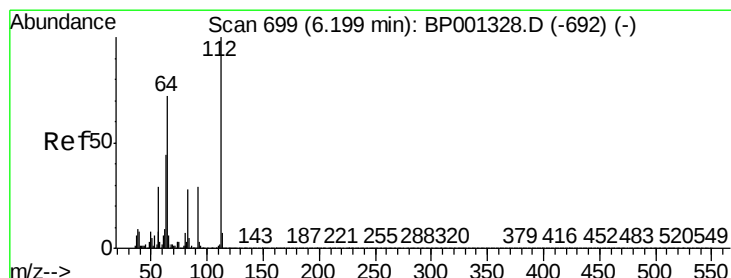
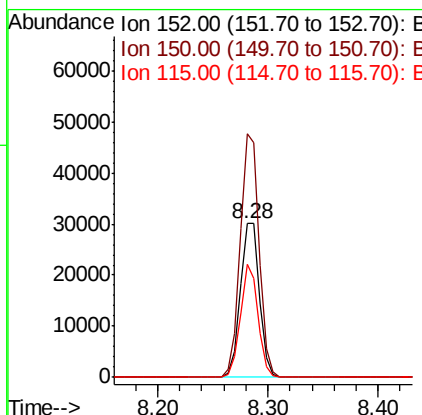
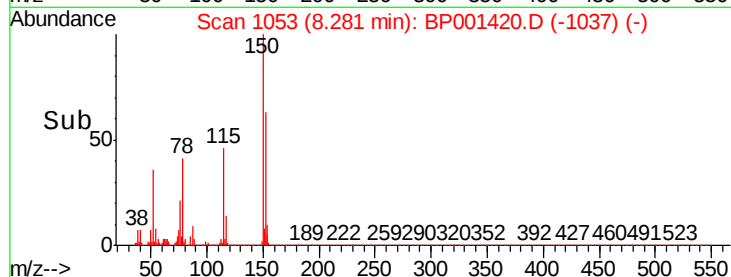
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001420.D
 Acq: 26 Dec 2019 14:26

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	152	Resp:	36735
Ion	Ratio	Lower	Upper
152	100		
150	158.2	127.0	190.6
115	73.4	56.1	84.1

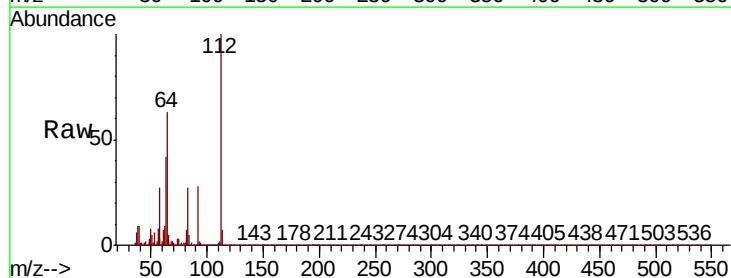


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

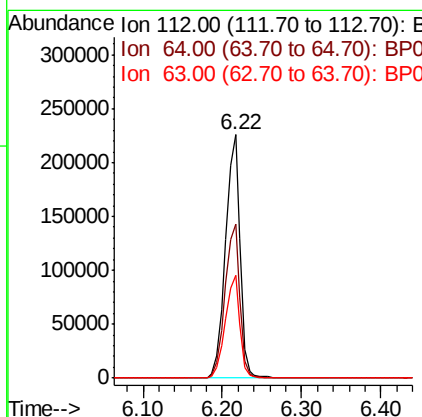
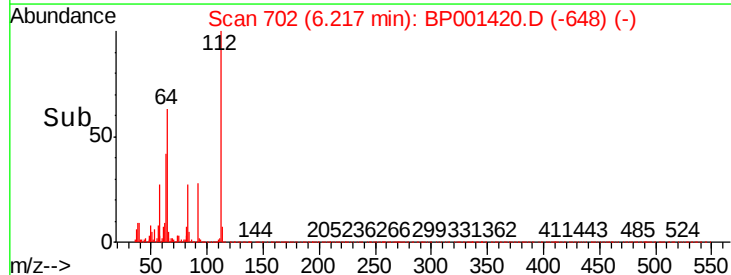


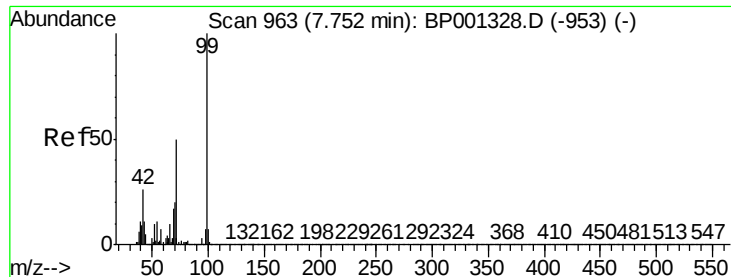
#5
 2-Fluorophenol
 Concen: 126.575 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.02 min
 Lab File: BP001420.D
 Acq: 26 Dec 2019 14:26

Tgt Ion:	112	Resp:	287696
Ion	Ratio	Lower	Upper
112	100		
64	63.3	53.9	80.9
63	42.3	33.4	50.0



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: 156.467 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

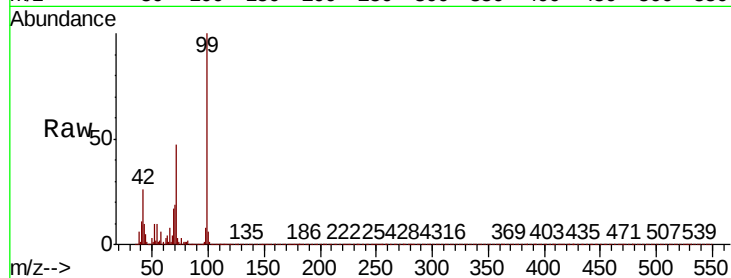
Tot Ion: 99 Resp: 464064

Ion Ratio Lower Upper

99 100

42 26.4 20.8 31.2

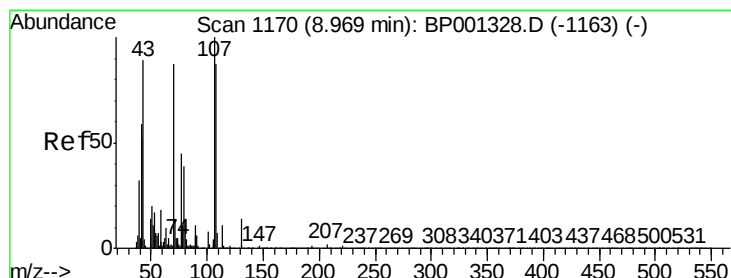
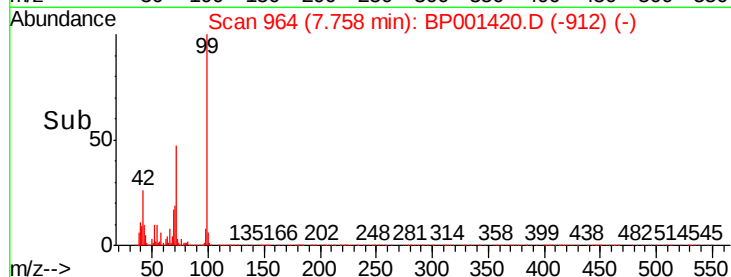
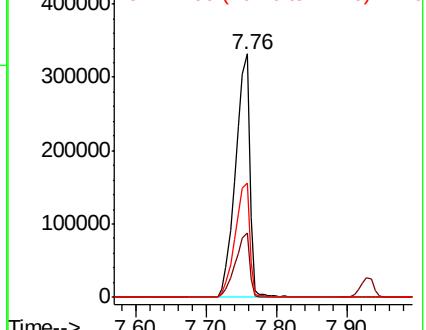
71 46.7 38.2 57.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 23.541 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.21 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Tgt Ion: 70 Resp: 49566

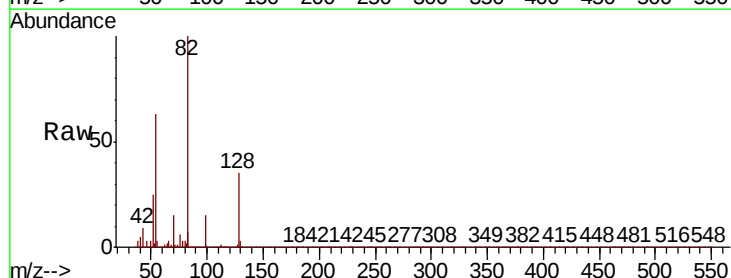
Ion Ratio Lower Upper

70 100

42 57.8 55.8 83.8

101 0.0 8.2 12.2#

130 1.4 14.5 21.7#

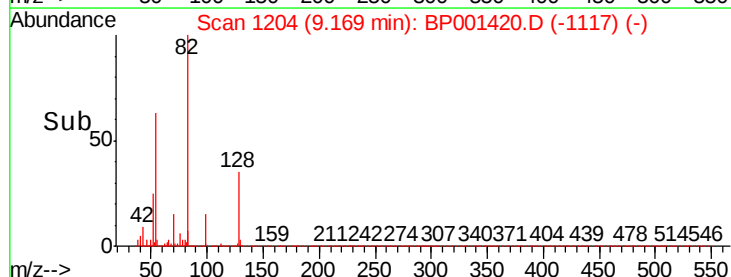
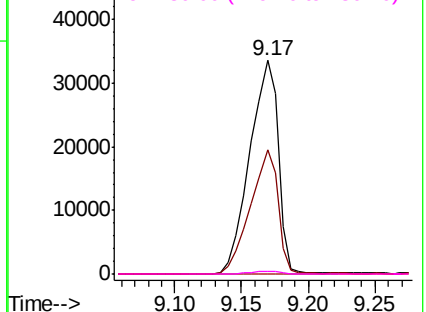


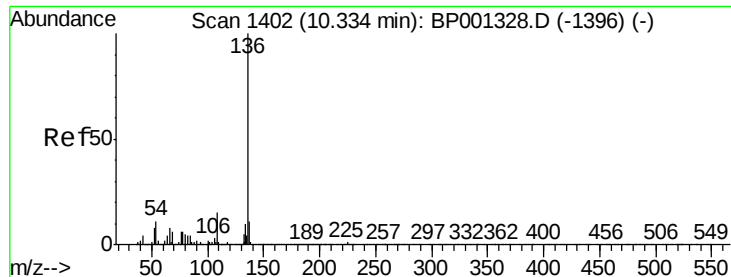
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

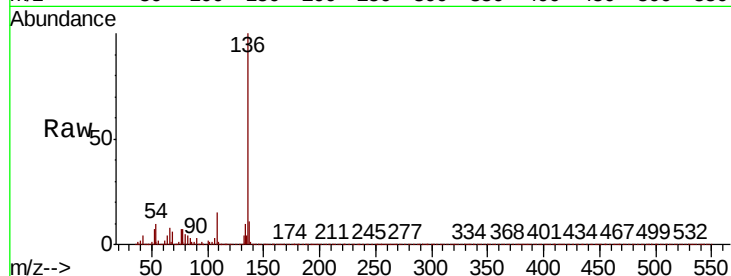




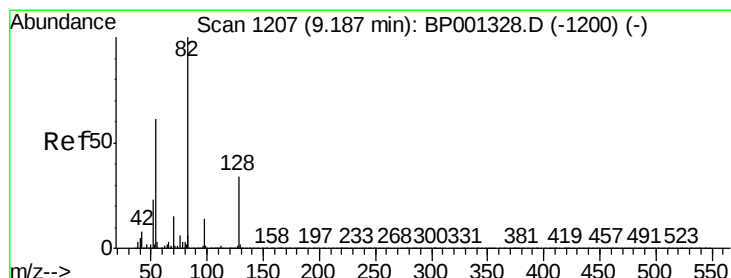
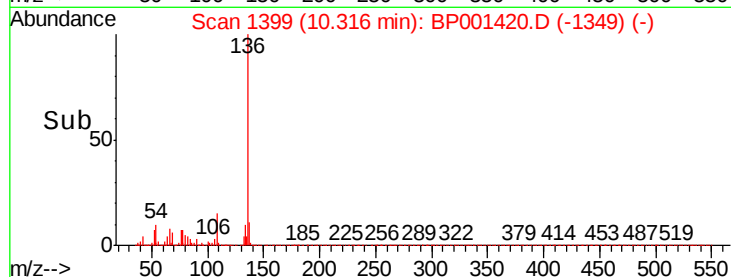
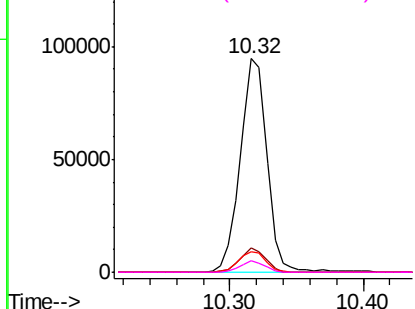
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001420.D
Acq: 26 Dec 2019 14:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	131206
Ion Ratio	Lower	Upper
136 100		
137 11.2	9.0	13.4
54 9.7	7.3	10.9
68 5.5	3.8	5.6

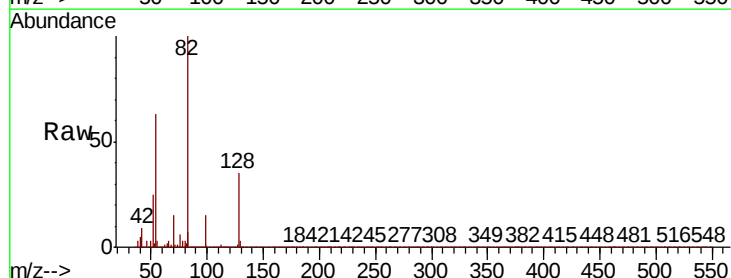


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

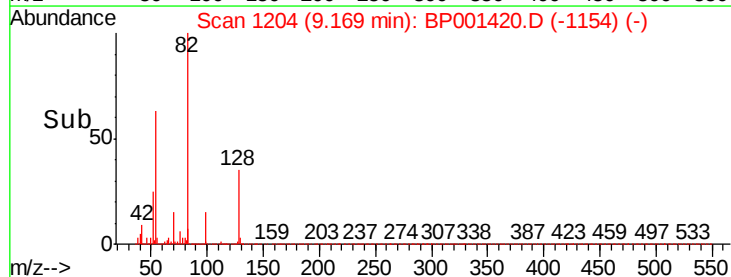
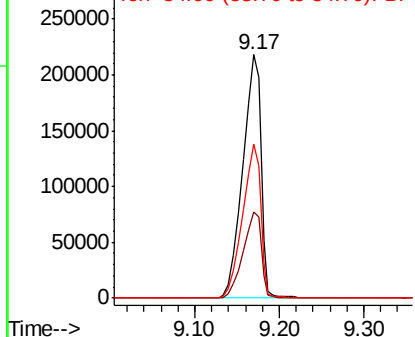


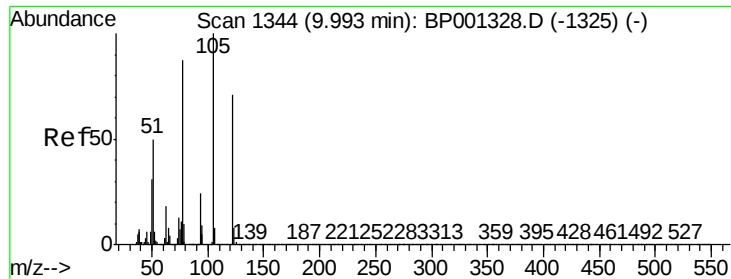
#23
Nitrobenzene-d5
Concen: 94.650 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001420.D
Acq: 26 Dec 2019 14:26

Tgt Ion: 82	Resp: 323391
Ion Ratio	Lower Upper
82 100	
128 35.4	27.4 41.0
54 63.3	47.5 71.3



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





#32

Benzoic acid

Concen: 5.035 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampled :

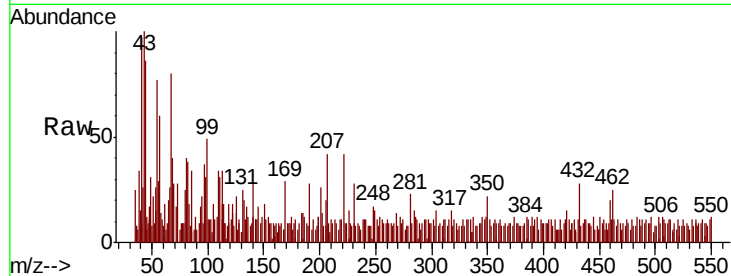
Tot Ion:122 Resp: 20

Ion Ratio Lower Upper

122 100

105 57.1 117.8 157.8#

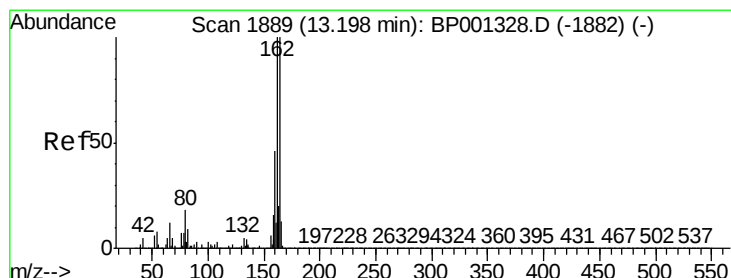
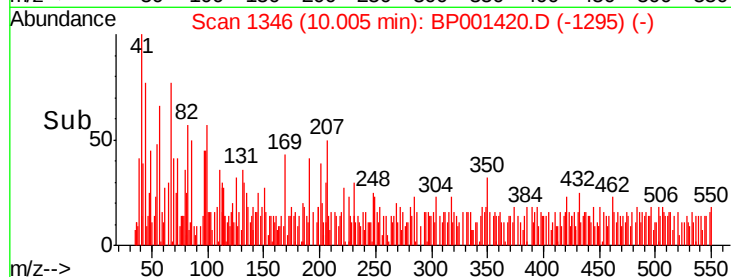
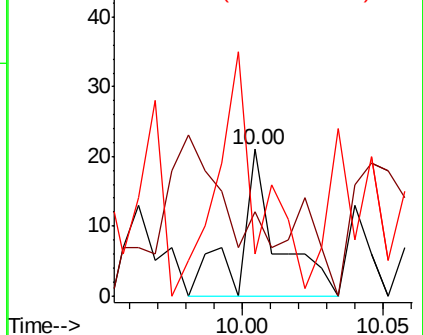
77 57.1 85.6 125.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

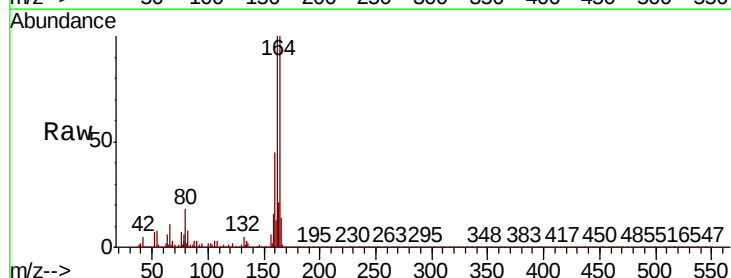
Tgt Ion:164 Resp: 78895

Ion Ratio Lower Upper

164 100

162 100.0 78.2 117.4

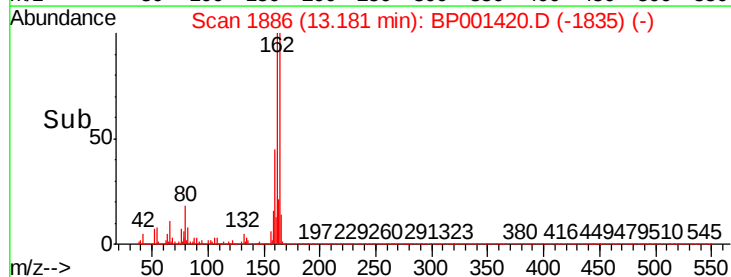
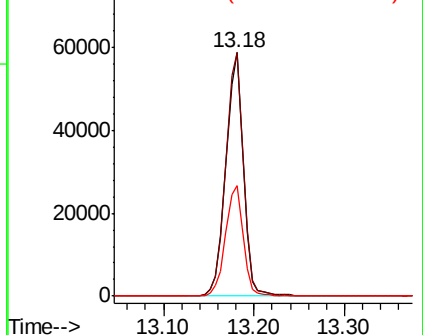
160 45.2 35.1 52.7

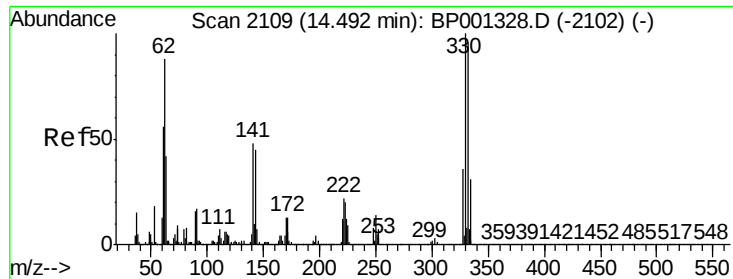


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 233.759 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

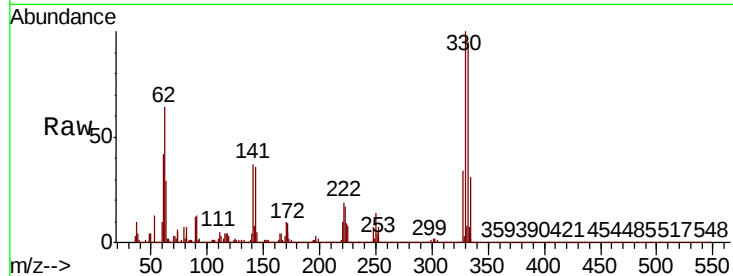
Tot Ion:330 Resp: 230572

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

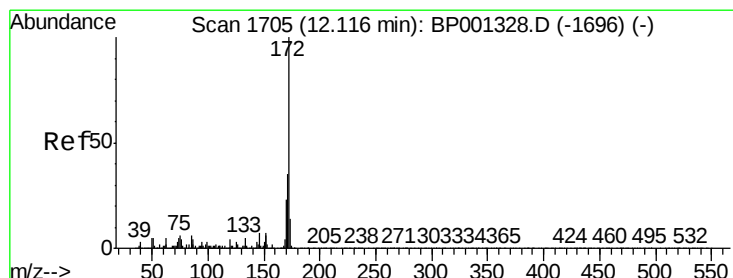
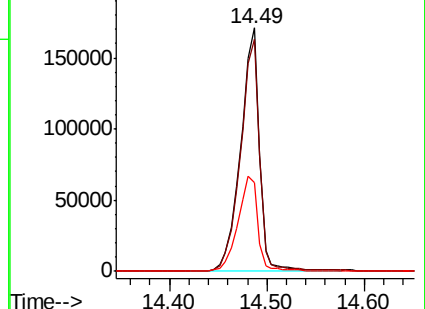
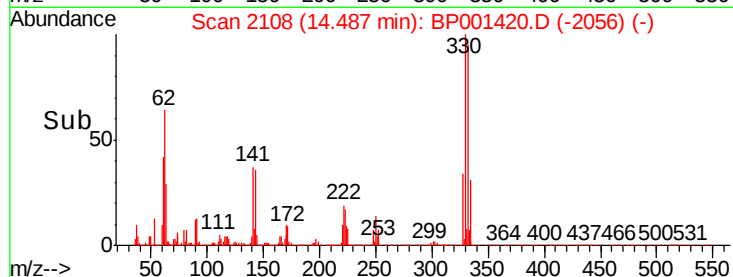
141 41.4 26.8 40.2#



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



#45

2-Fluorobiphenyl

Concen: 124.819 ng

RT: 12.10 min Scan# 1703

Delta R.T. 0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

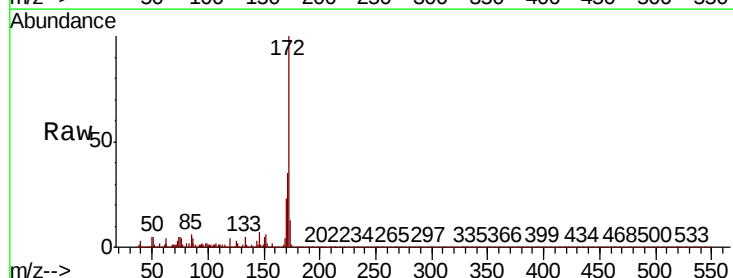
Tgt Ion:172 Resp: 778782

Ion Ratio Lower Upper

172 100

171 35.0 27.4 41.0

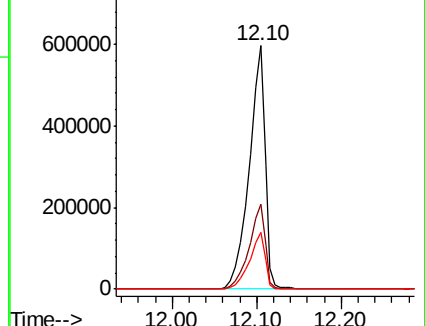
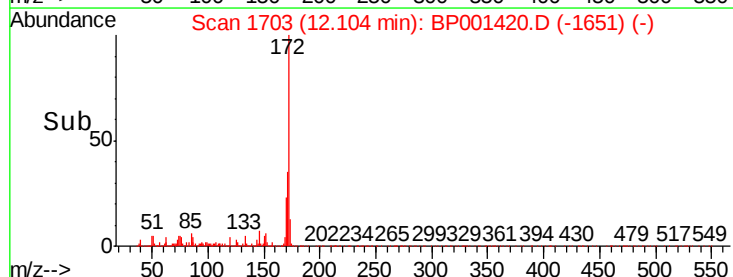
170 23.1 18.2 27.4

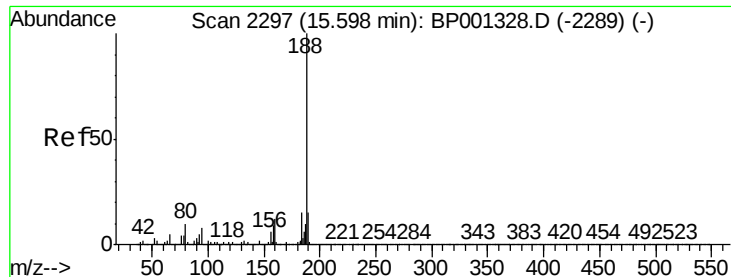


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampleId :

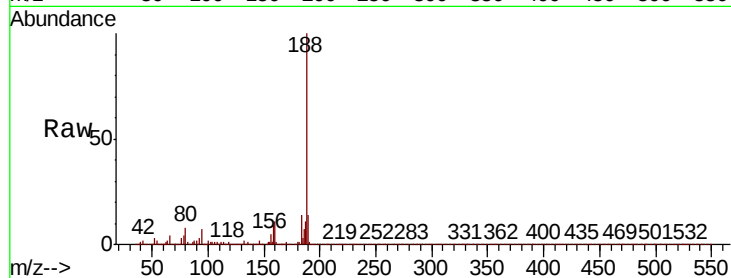
Tot Ion:188 Resp: 150038

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

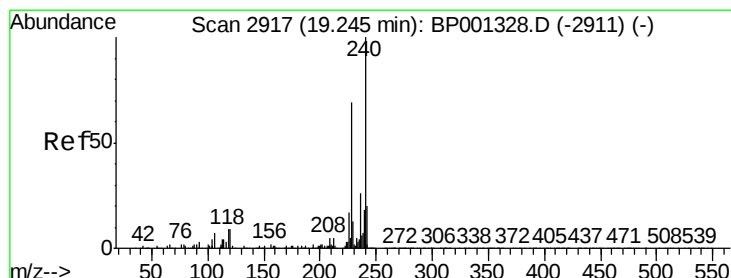
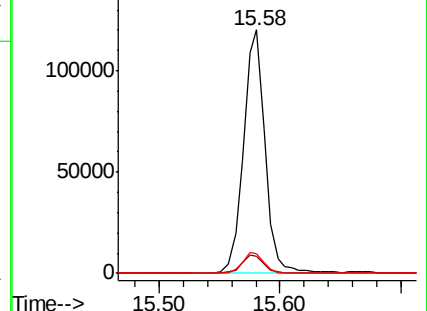
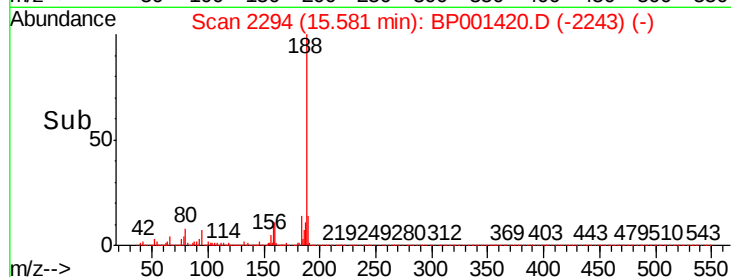
80 8.1 5.7 8.5



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: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

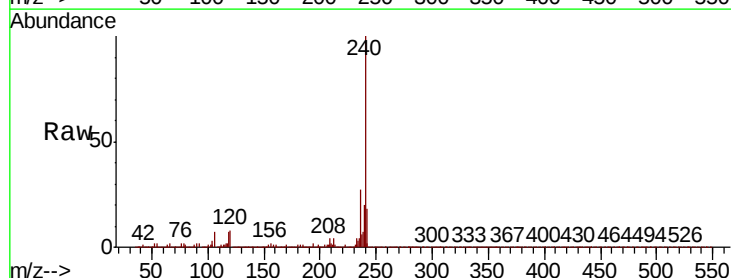
Tgt Ion:240 Resp: 114116

Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.2

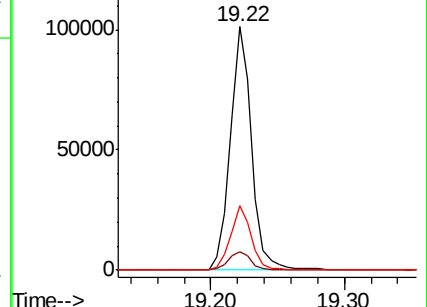
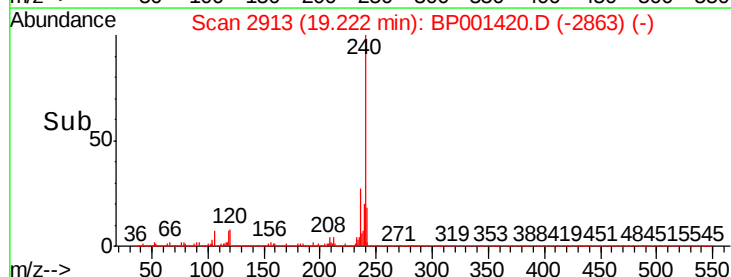
236 26.6 20.2 30.2

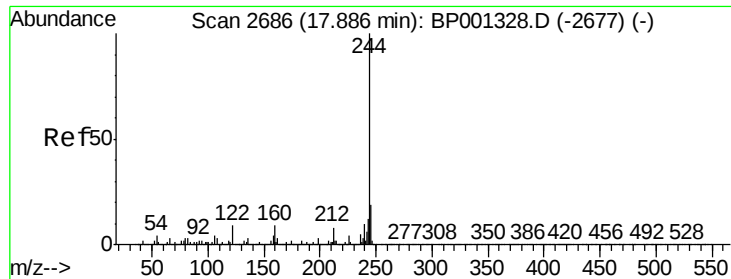


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 182.558 ng

RT: 17.87 min Scan# 2684

Delta R.T. 0.01 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

Instrument :

BNA_P

ClientSampled :

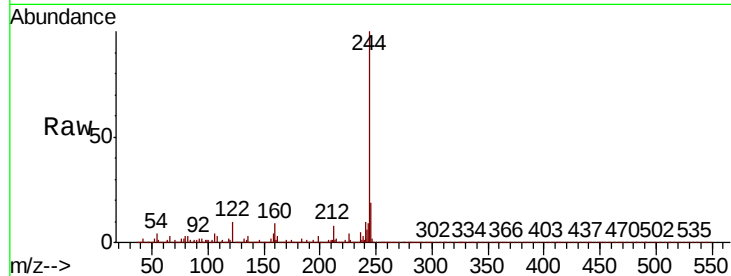
Tot Ion:244 Resp: 1216328

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

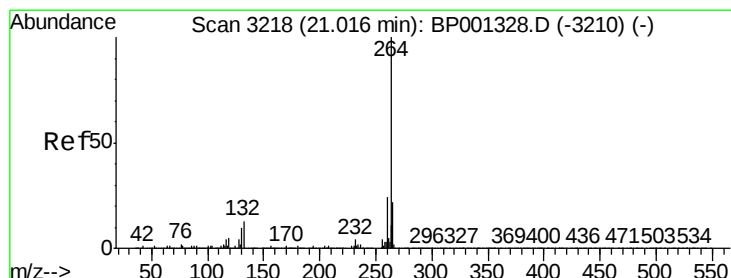
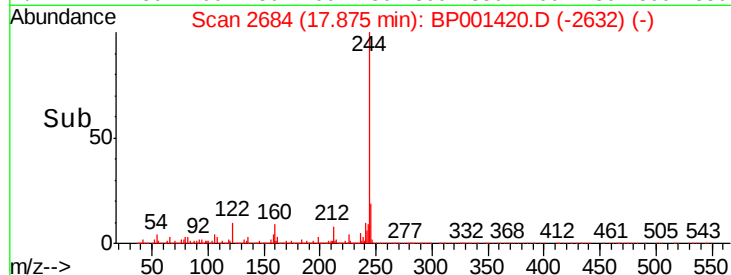
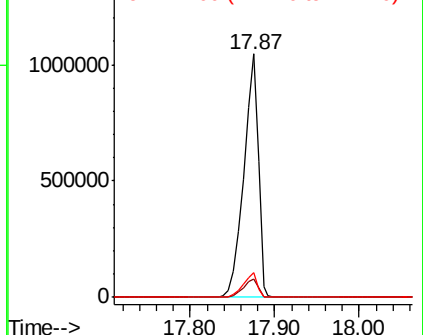
122 10.3 6.4 9.6#



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: 20.99 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BP001420.D

Acq: 26 Dec 2019 14:26

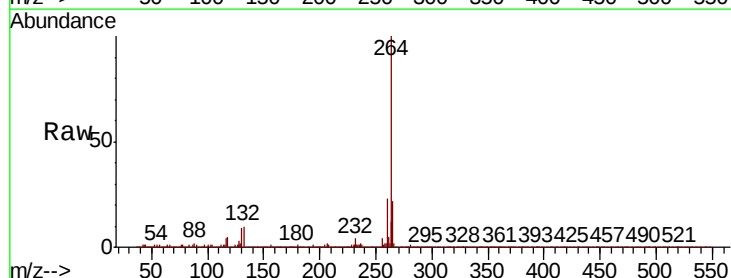
Tgt Ion:264 Resp: 113406

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 21.5 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

