

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000420.D
 Acq On : 26 Sep 2019 14:20
 Operator : JU
 Sample : K5008-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:10:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	263034	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	957602	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	520991	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	906419	20.00	ng	0.00
76) Chrysene-d12	14.00	240	755507	20.00	ng	0.00
87) Perylene-d12	15.49	264	607855	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1394449	91.52	ng	0.00
7) Phenol-d6	6.42	99	1351442	72.36	ng	0.00
23) Nitrobenzene-d5	7.35	82	1231817	83.00	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	646868	125.18	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2514251	86.86	ng	0.00
79) Terphenyl-d14	12.94	244	2881142	80.00	ng	0.00

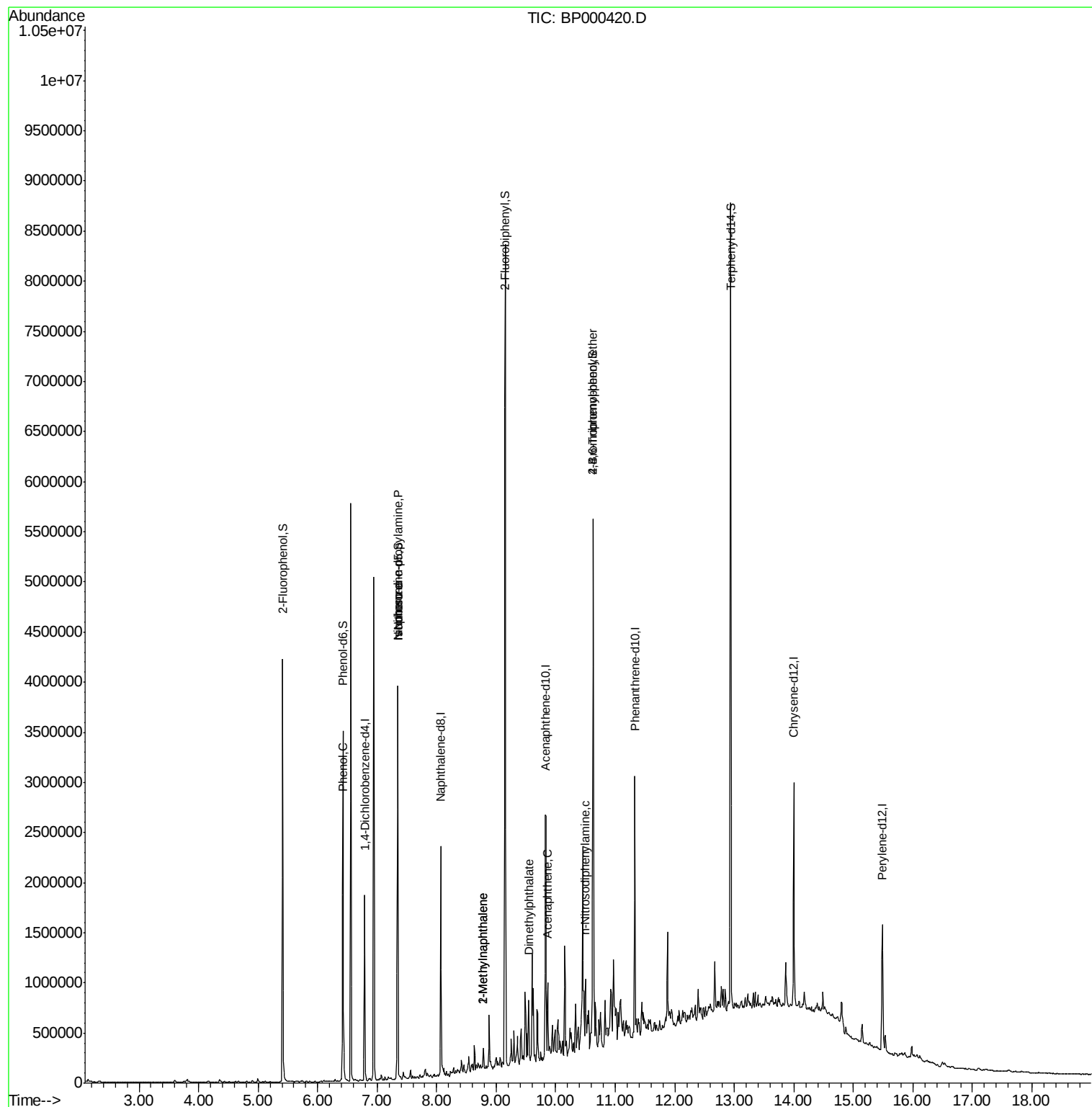
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	2521	Below Cal		95
10) Phenol	6.43	94	69420	3.272	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	153279	15.522	ng	# 74
25) Isophorone	7.35	82	1229525	41.836	ng	# 63
37) 2-Methylnaphthalene	8.79	142	61049	2.014	ng	99
38) 1-Methylnaphthalene	8.79	142	61049	2.150	ng	97
50) Dimethylphthalate	9.55	163	225569	6.355	ng	# 98
52) Acenaphthene	9.86	154	128558	4.483	ng	98
66) n-Nitrosodiphenylamine	10.50	169	124719	4.571	ng	# 70
67) 4-Bromophenyl-phenylether	10.63	248	44362	4.328	ng	# 1
69) Atrazine	10.99	200	462	Below Cal		# 1

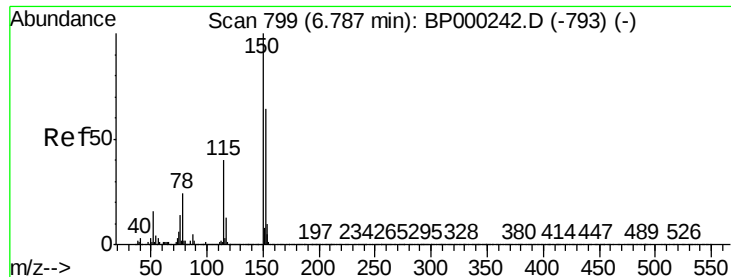
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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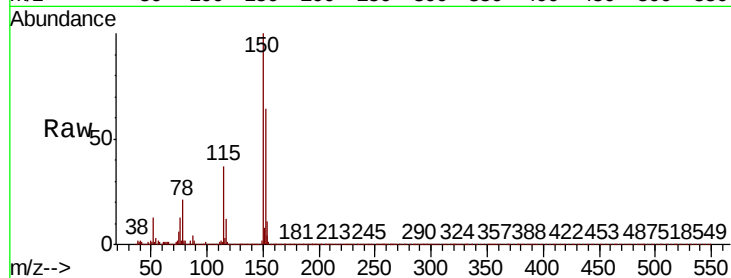


#1

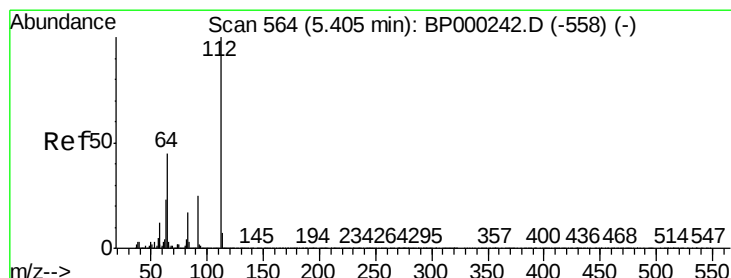
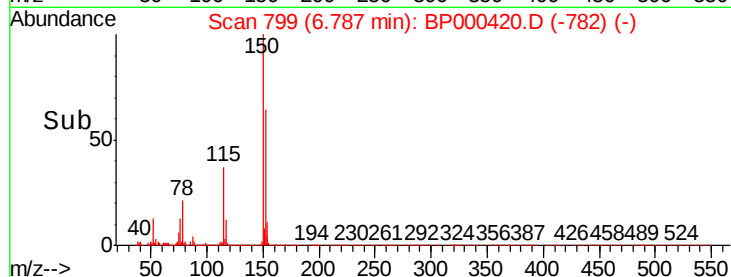
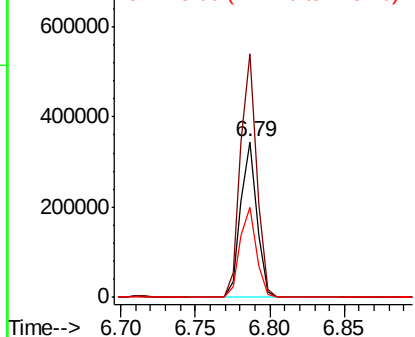
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000420.D
Acq: 26 Sep 2019 14:20

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 263034
Ion Ratio Lower Upper
152 100
150 156.7 125.2 187.8
115 58.2 49.7 74.5



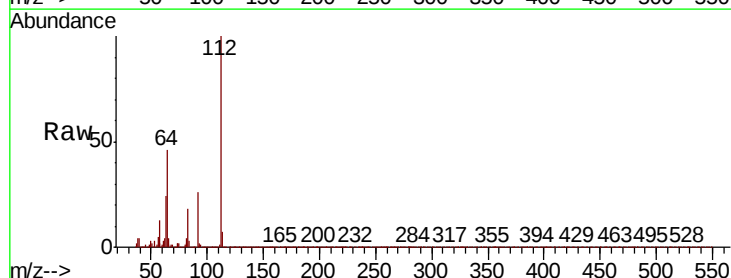
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



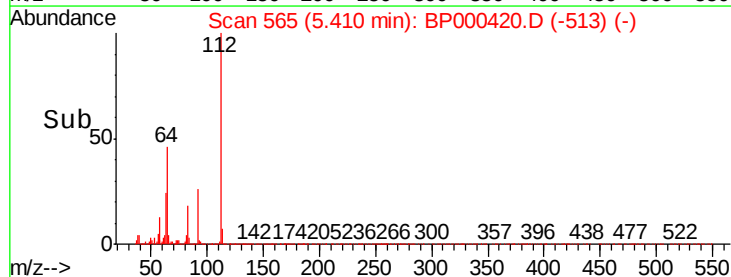
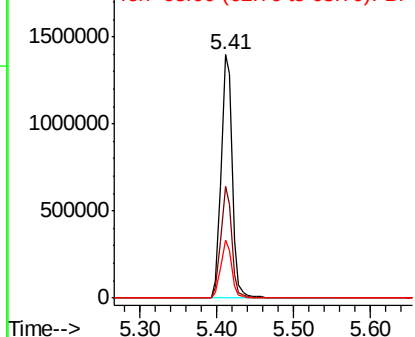
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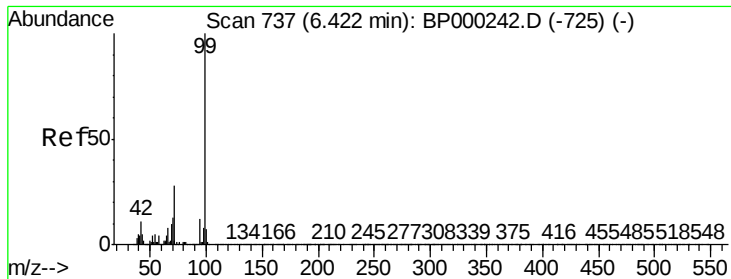
2-Fluorophenol
Concen: 91.521 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000420.D
Acq: 26 Sep 2019 14:20

Tgt Ion:112 Resp: 1394449
Ion Ratio Lower Upper
112 100
64 46.1 36.2 54.4
63 23.9 18.3 27.5



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: 72.360 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

Instrument :

BNA_P

ClientSampleId :

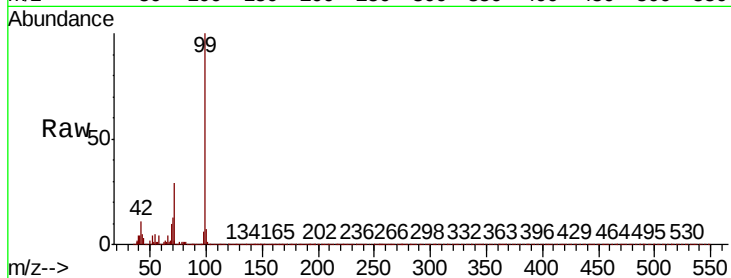
Tot Ion: 99 Resp: 1351442

Ion Ratio Lower Upper

99 100

42 11.1 8.5 12.7

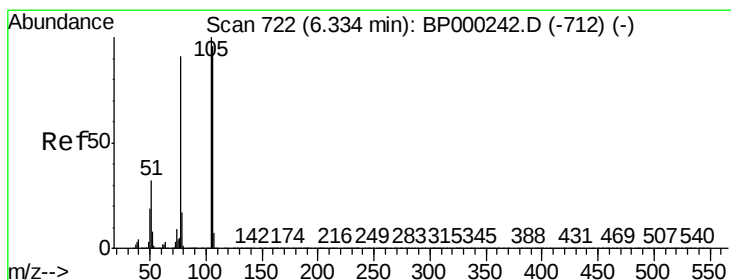
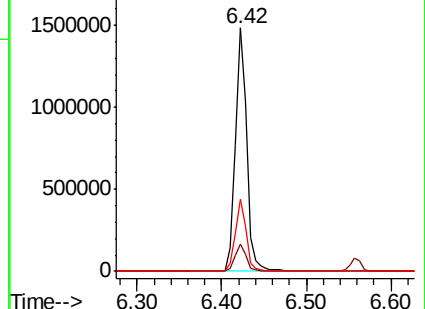
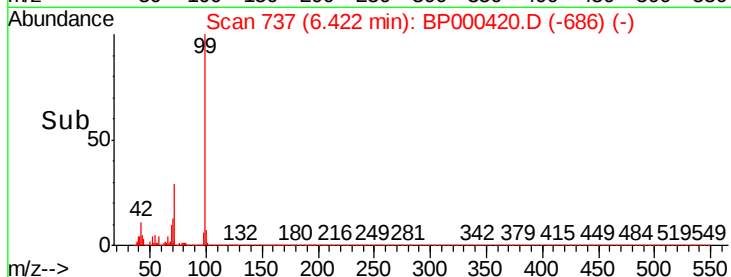
71 29.4 22.6 34.0



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

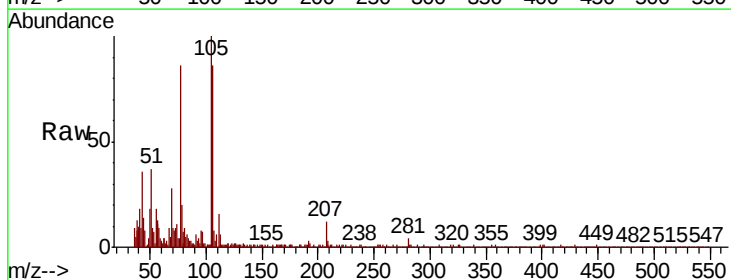
Tgt Ion: 77 Resp: 2521

Ion Ratio Lower Upper

77 100

105 115.7 89.6 129.6

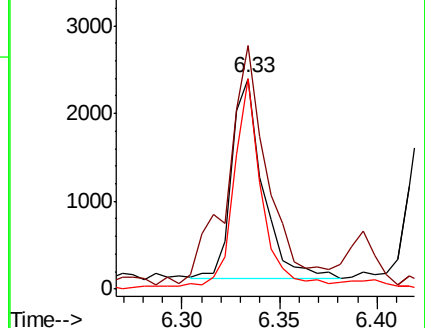
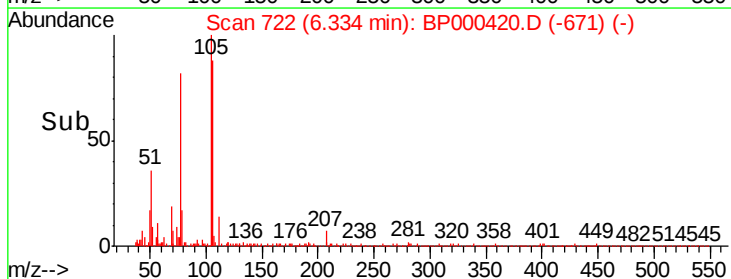
106 99.8 84.6 124.6

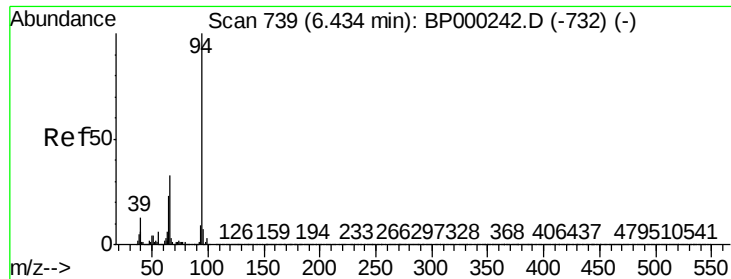


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.272 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

Instrument :

BNA_P

ClientSampled :

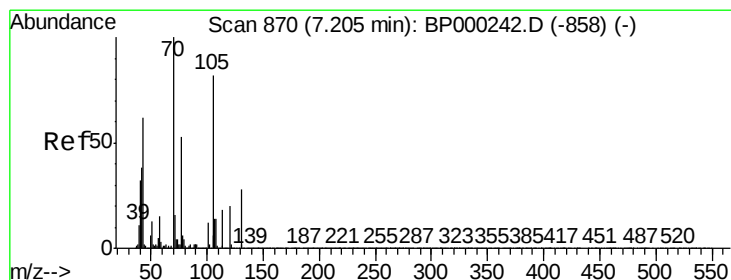
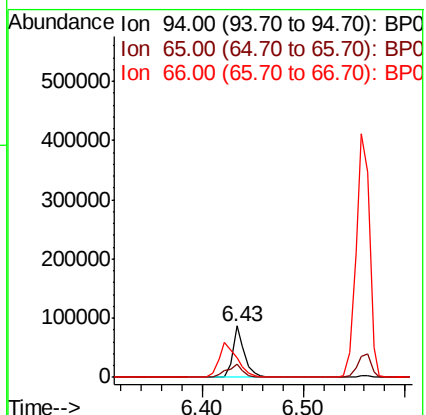
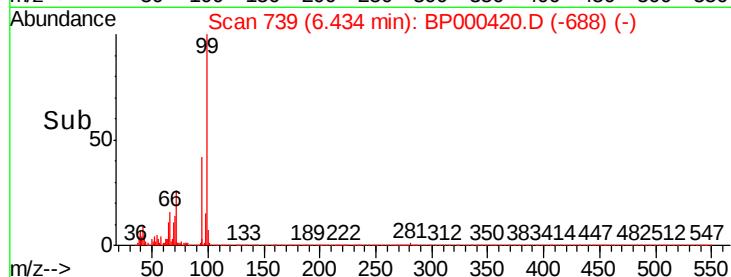
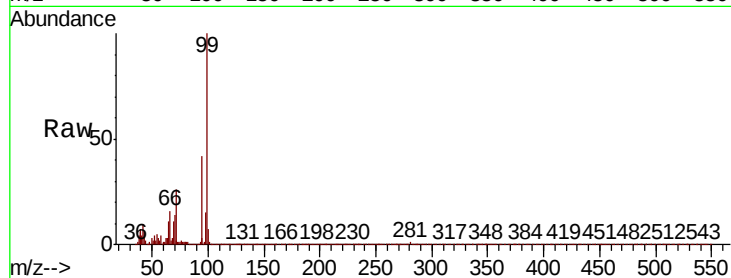
Tot Ion: 94 Resp: 69420

Ion Ratio Lower Upper

94 100

65 25.3 3.3 43.3

66 38.8 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.522 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

Tgt Ion: 70 Resp: 153279

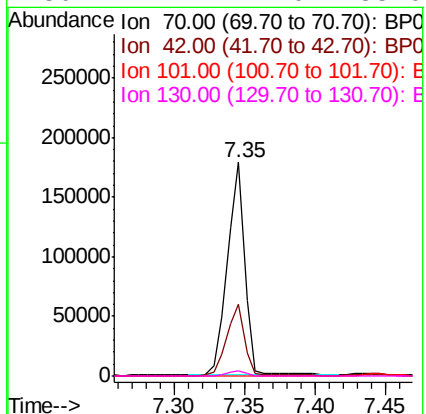
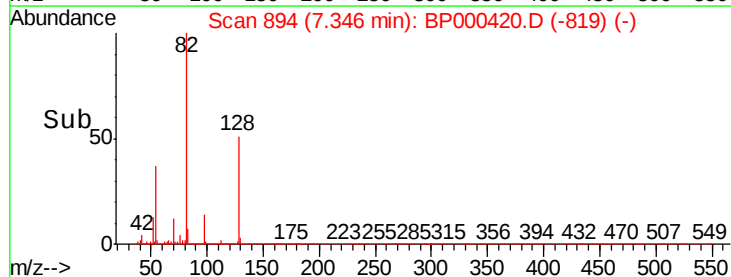
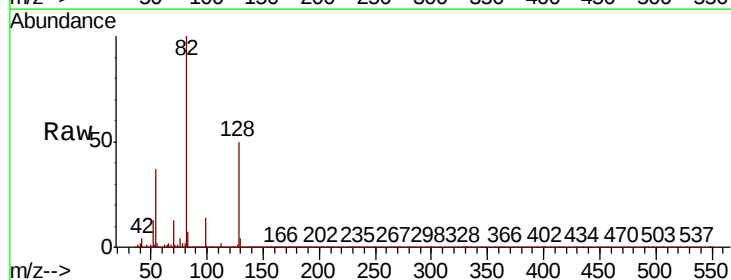
Ion Ratio Lower Upper

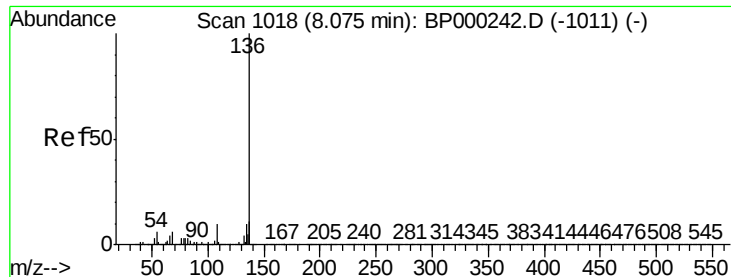
70 100

42 33.7 30.7 46.1

101 0.1 9.6 14.4#

130 2.4 22.0 33.0#

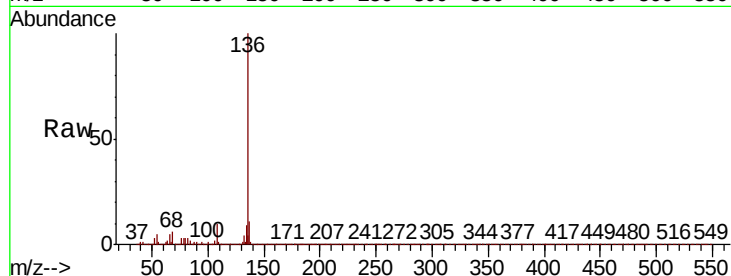




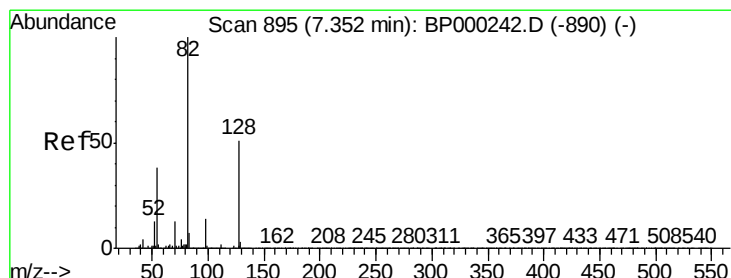
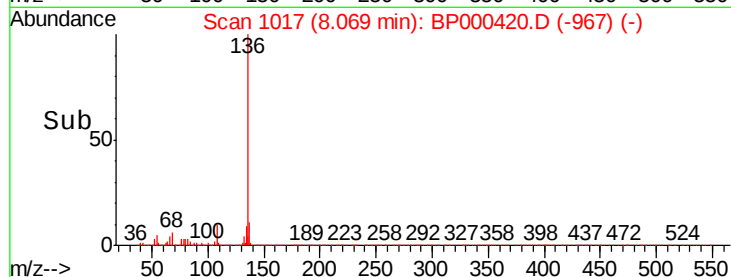
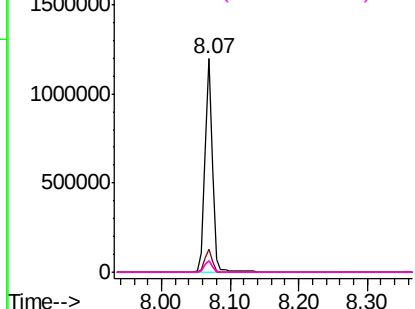
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000420.D
Acq: 26 Sep 2019 14:20

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	957602	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.6	13.0	
54 5.4	4.5	6.7	
68 5.6	4.5	6.7	

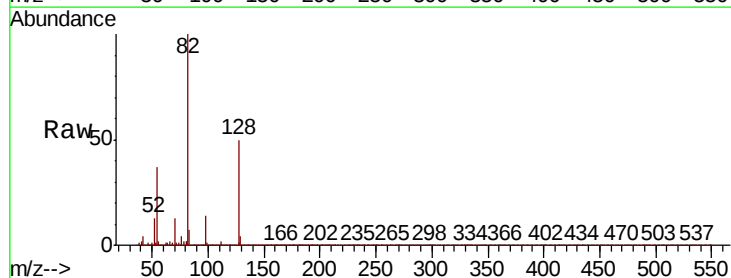


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

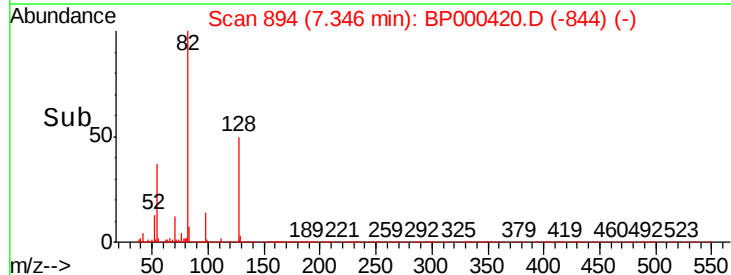
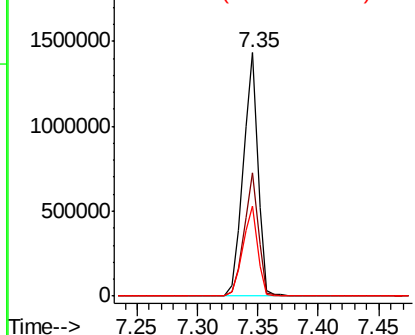


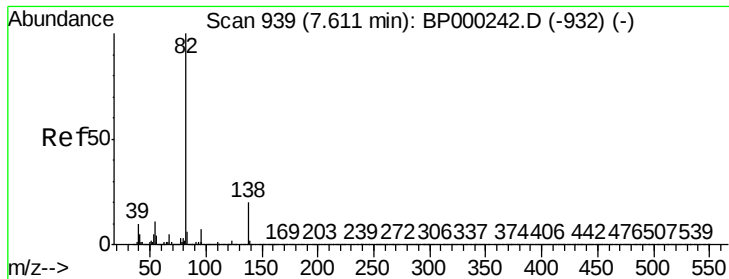
#23
Nitrobenzene-d5
Concen: 82.995 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000420.D
Acq: 26 Sep 2019 14:20

Tgt Ion: 82	Resp: 1231817
Ion Ratio	Lower Upper
82 100	
128 50.5	40.7 61.1
54 37.1	30.1 45.1



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





#25

Isophorone

Concen: 41.836 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

Instrument :

BNA_P

ClientSampleId :

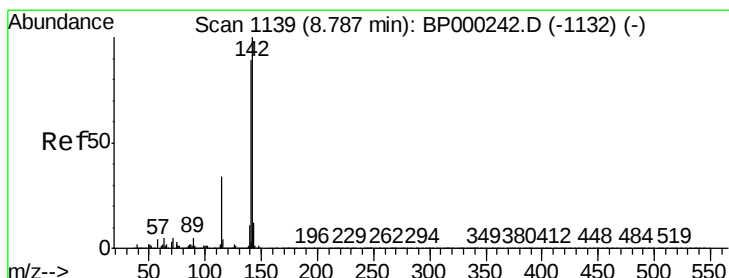
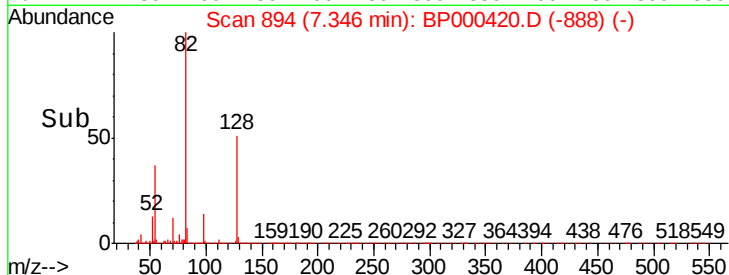
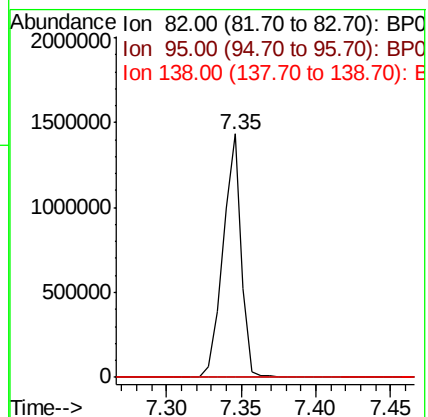
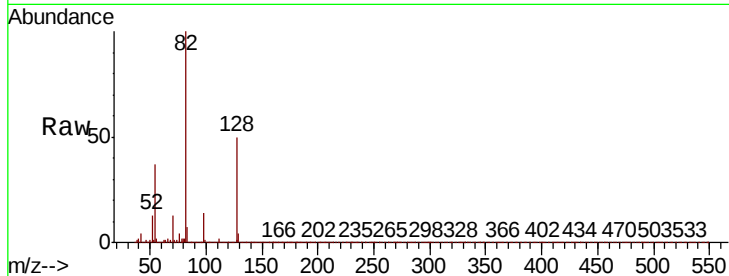
Tot Ion: 82 Resp: 1229525

Ion Ratio Lower Upper

82 100

95 0.1 5.9 8.9#

138 0.0 15.9 23.9#



#37

2-Methylnaphthalene

Concen: 2.014 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

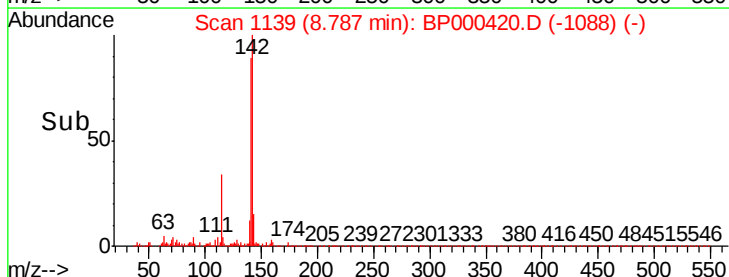
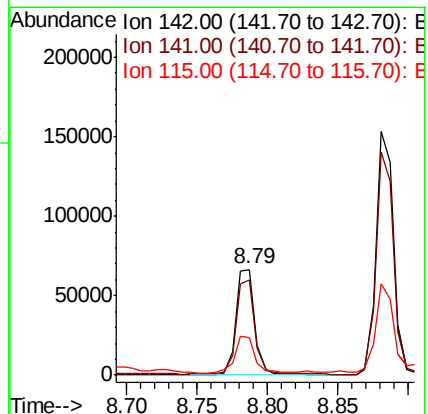
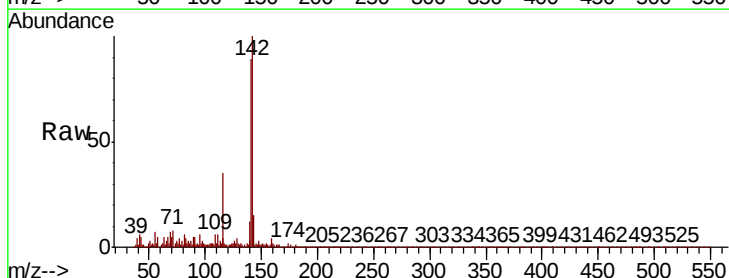
Tgt Ion: 142 Resp: 61049

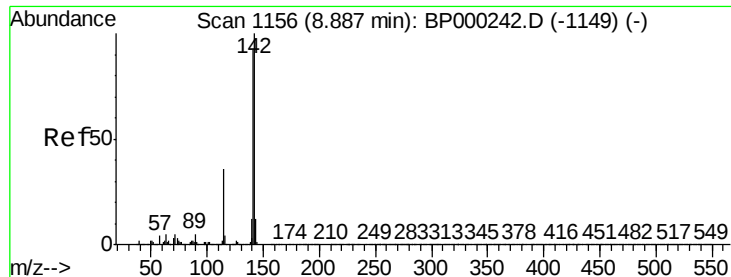
Ion Ratio Lower Upper

142 100

141 89.4 71.3 106.9

115 35.2 27.2 40.8

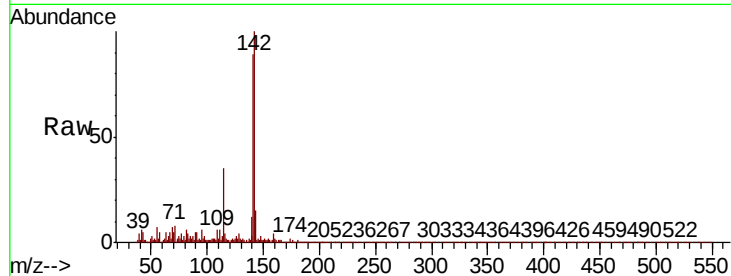




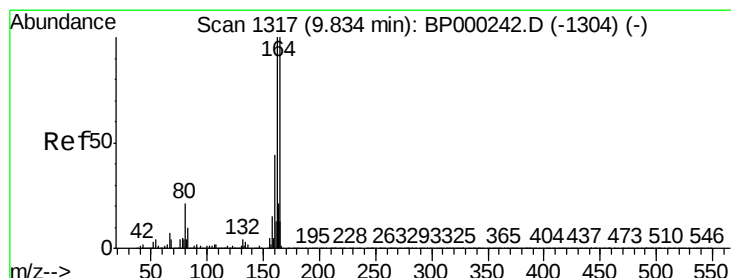
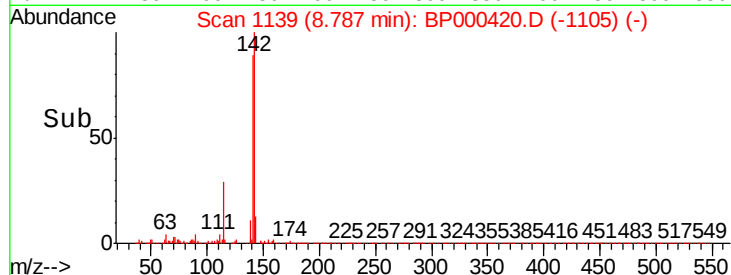
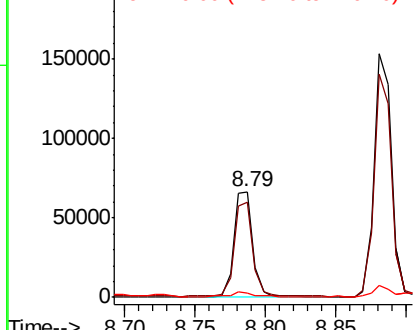
#38
 1-Methylnaphthalene
 Concen: 2.150 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.10 min
 Lab File: BP000420.D
 Acq: 26 Sep 2019 14:20

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:142 Resp: 61049
 Ion Ratio Lower Upper
 142 100
 141 89.4 73.9 110.9
 116 3.9 3.0 4.6

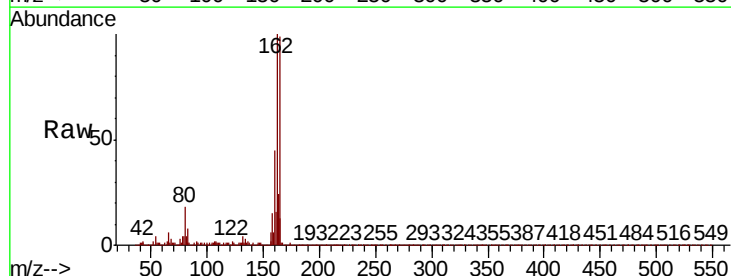


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

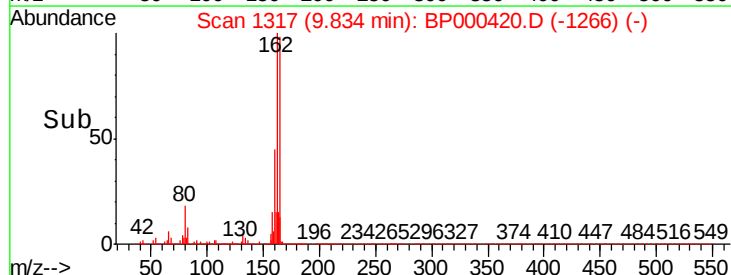
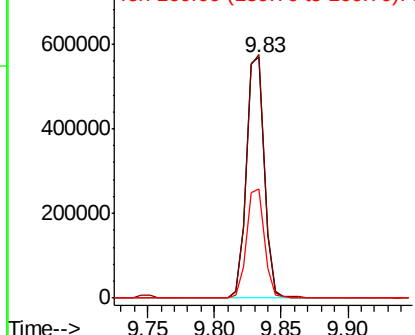


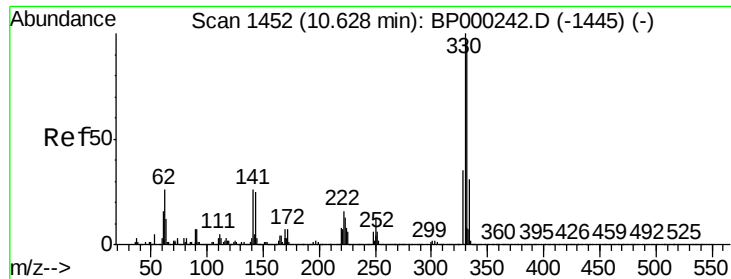
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BP000420.D
 Acq: 26 Sep 2019 14:20

Tgt Ion:164 Resp: 520991
 Ion Ratio Lower Upper
 164 100
 162 101.2 79.9 119.9
 160 45.4 35.6 53.4



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

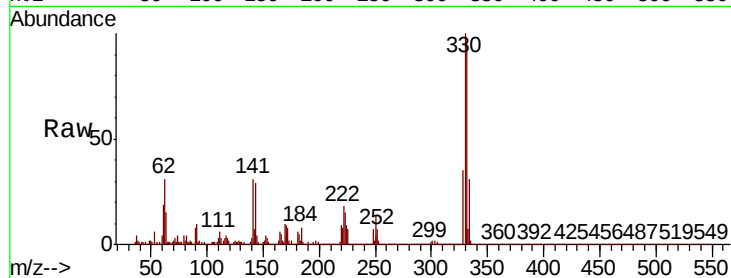




#42
2,4,6-Tribromophenol
Concen: 125.179 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000420.D
Acq: 26 Sep 2019 14:20

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	33.4	26.5	39.7

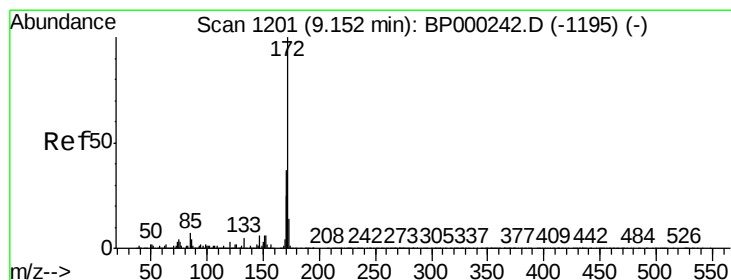
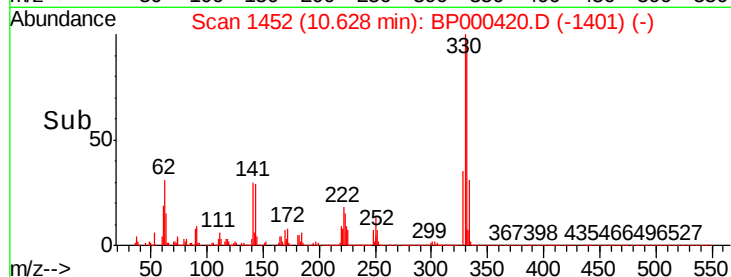
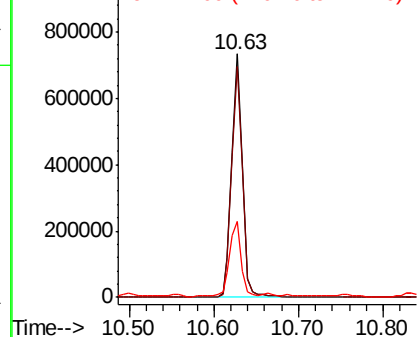


Abundance

Ion 329.80 (329.50 to 330.50): E

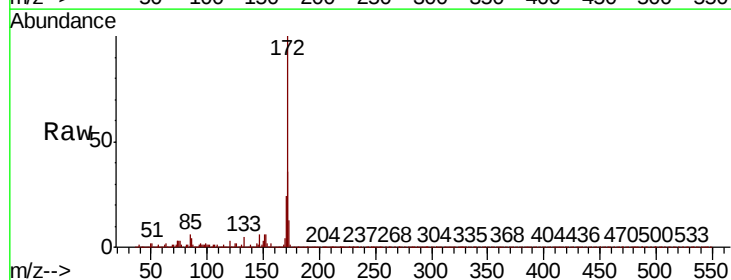
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 86.857 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000420.D
Acq: 26 Sep 2019 14:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.4	19.8	29.6

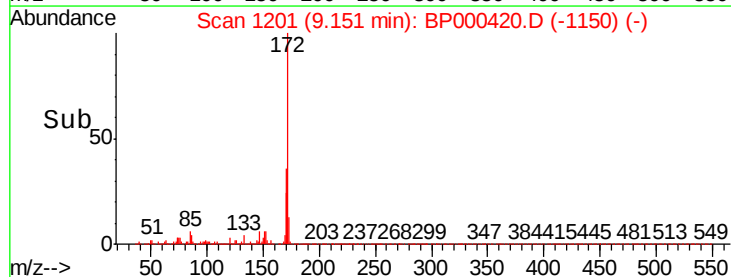
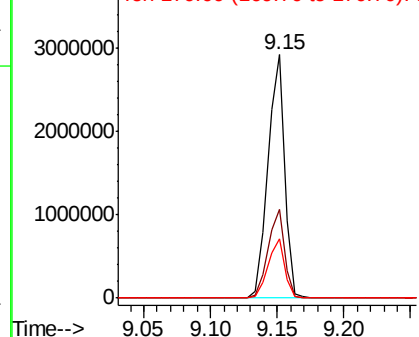


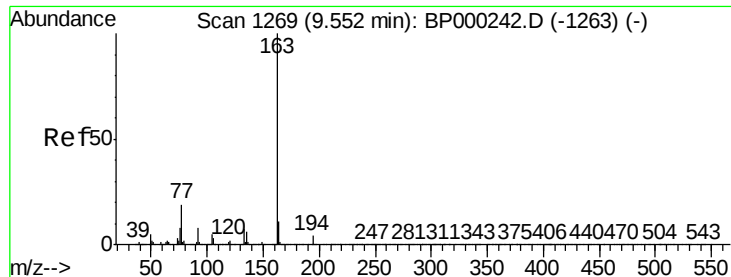
Abundance

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

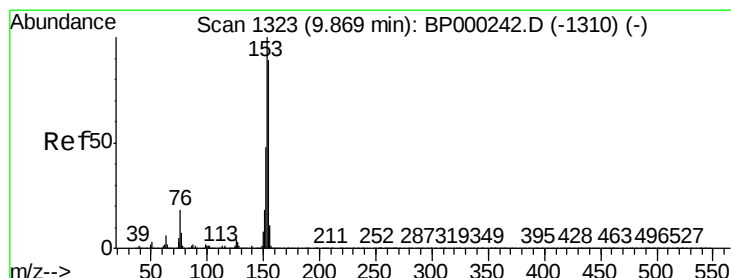
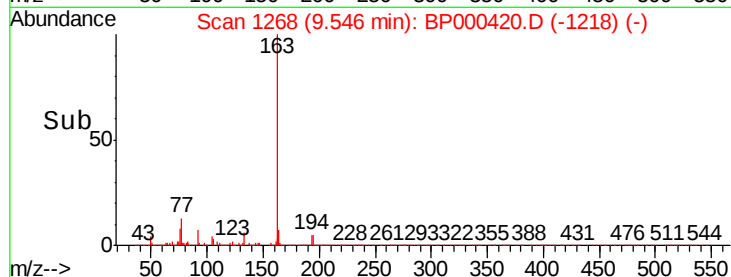
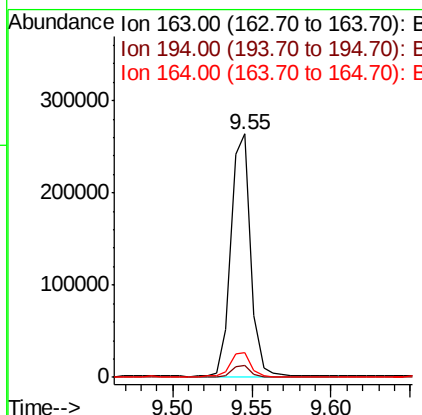
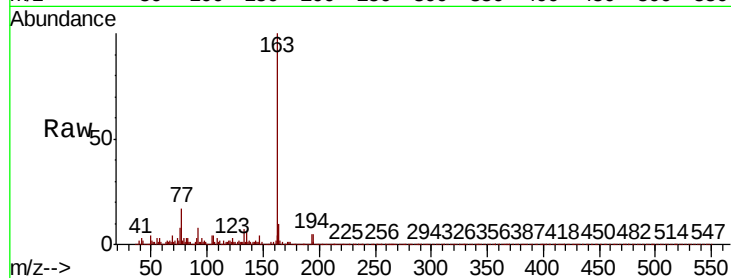




#50
Dimethylphthalate
Concen: 6.355 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000420.D
Acq: 26 Sep 2019 14:20

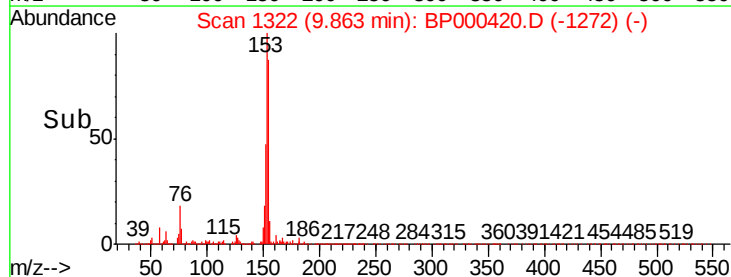
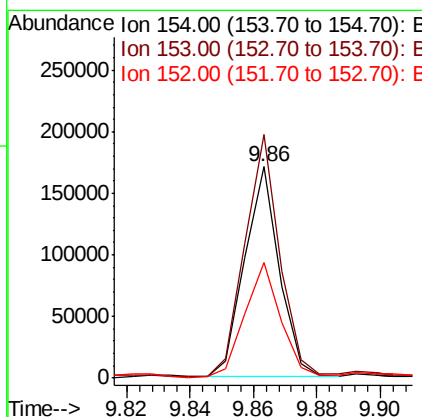
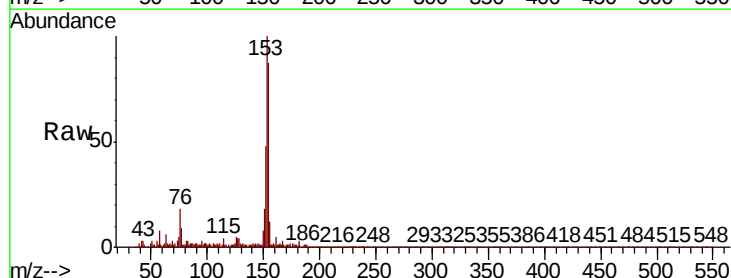
Instrument :
BNA_P
ClientSampleId :

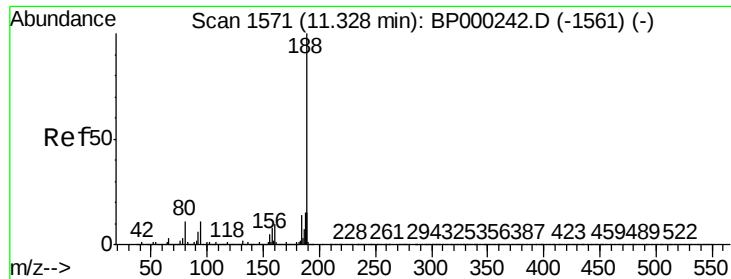
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.4	5.0#
164	10.0	8.5	12.7



#52
Acenaphthene
Concen: 4.483 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000420.D
Acq: 26 Sep 2019 14:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.8	134.6
152	54.8	43.4	65.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

Instrument :

BNA_P

ClientSampled :

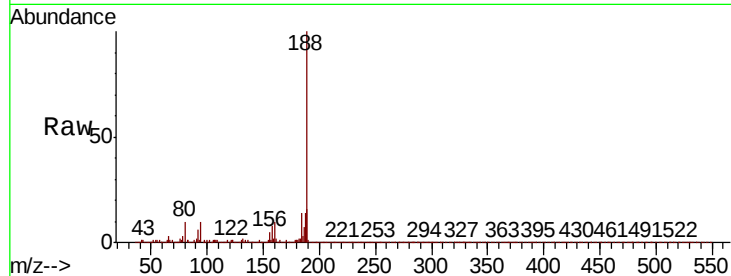
Tot Ion:188 Resp: 906419

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

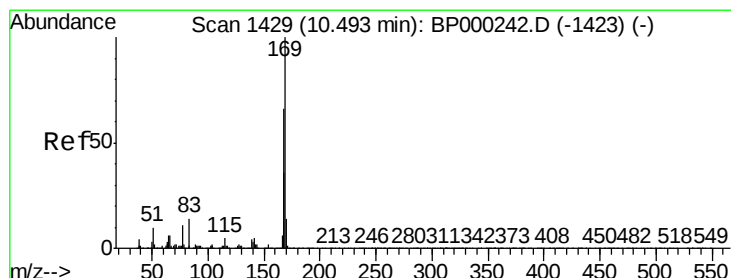
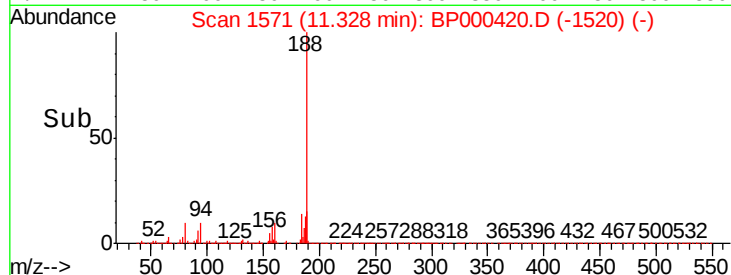
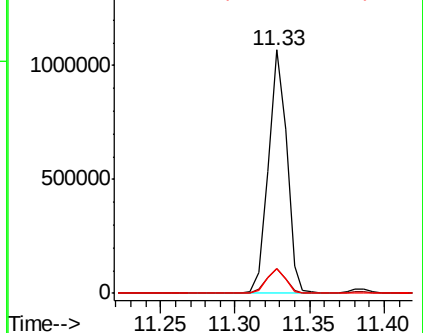
80 10.3 8.6 13.0



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



#66

n-Nitrosodiphenylamine

Concen: 4.571 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

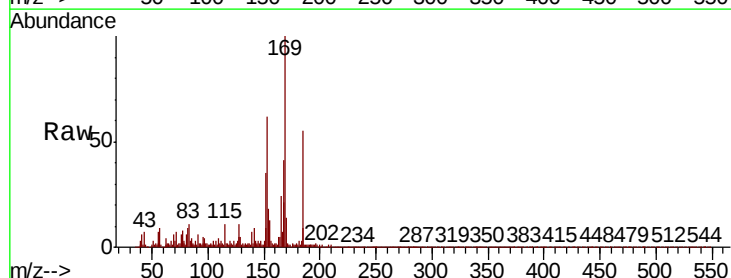
Tgt Ion:169 Resp: 124719

Ion Ratio Lower Upper

169 100

168 40.8 52.9 79.3#

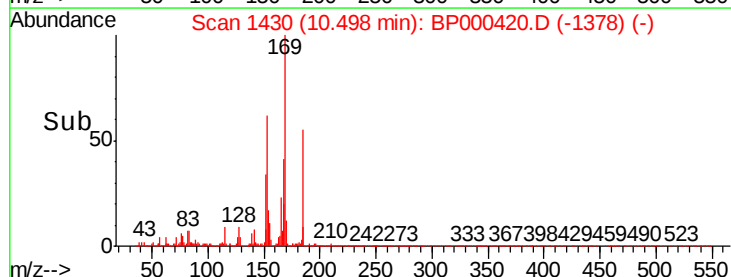
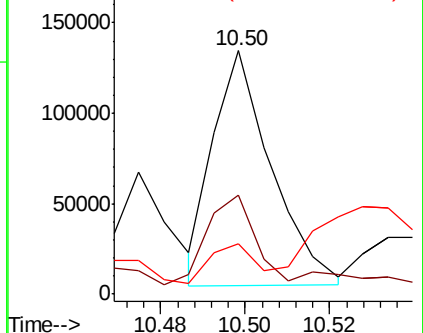
167 20.8 29.0 43.6#

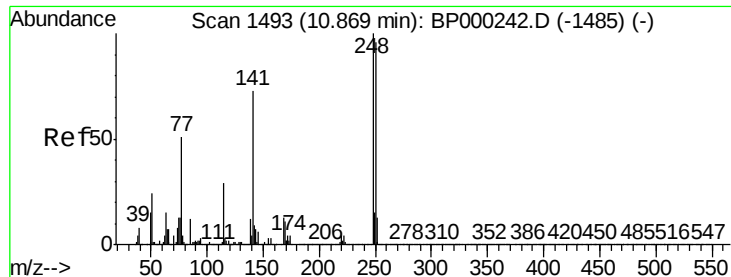


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

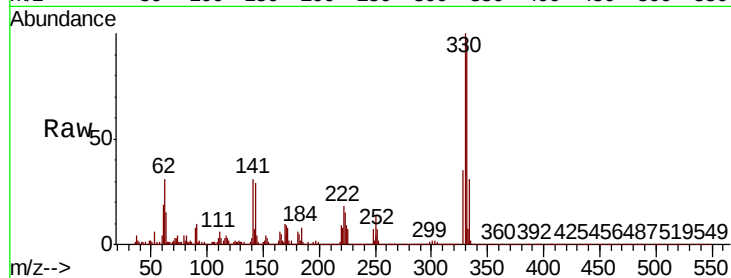




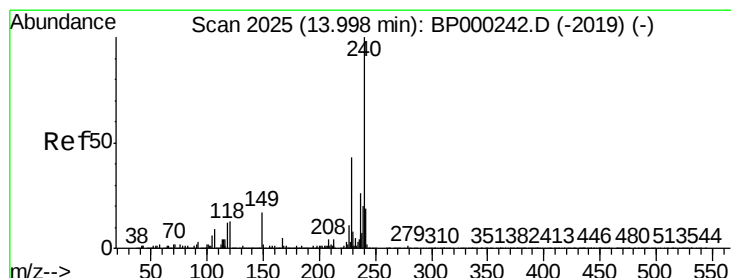
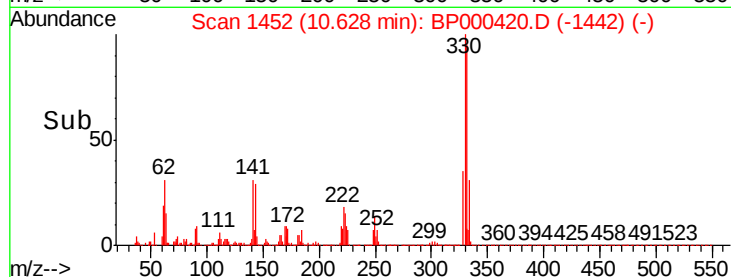
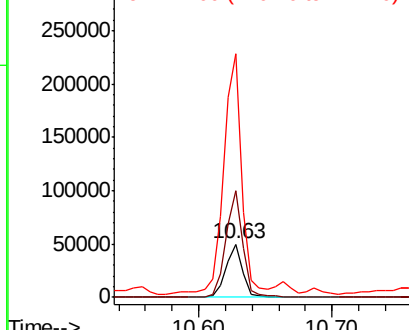
#67
 4-Bromophenyl-phenylether
 Concen: 4.328 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BP000420.D
 Acq: 26 Sep 2019 14:20

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:248 Resp: 44362
 Ion Ratio Lower Upper
 248 100
 250 198.9 77.0 115.4#
 141 456.7 58.5 87.7#

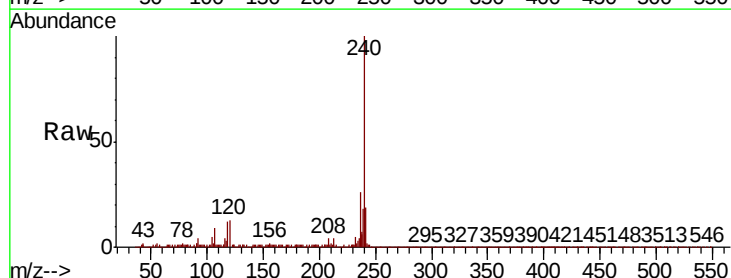


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

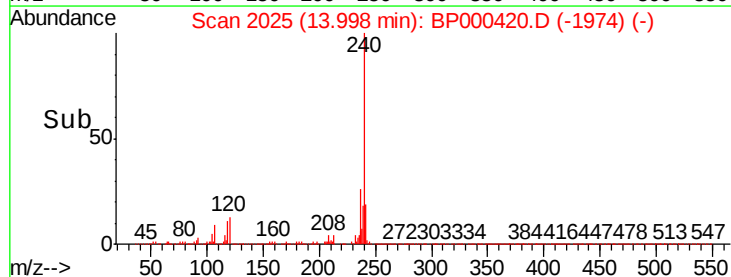
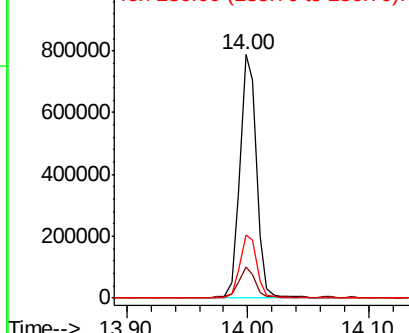


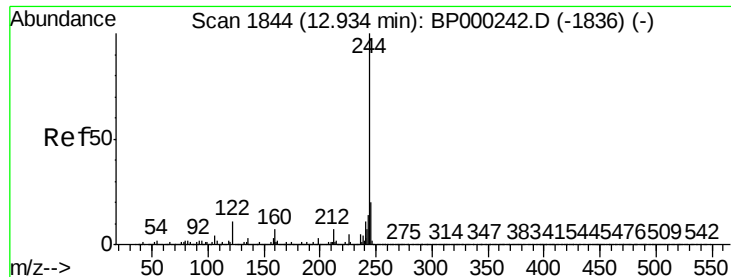
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BP000420.D
 Acq: 26 Sep 2019 14:20

Tgt Ion:240 Resp: 755507
 Ion Ratio Lower Upper
 240 100
 120 12.9 10.4 15.6
 236 26.0 21.0 31.6



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





#79

Terphenyl-d14

Concen: 80.002 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

Instrument :

BNA_P

ClientSampleId :

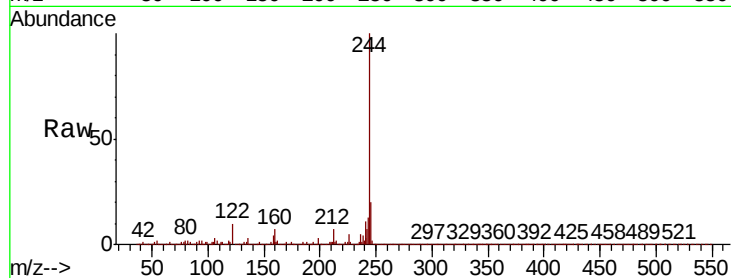
Tot Ion:244 Resp: 2881142

Ion Ratio Lower Upper

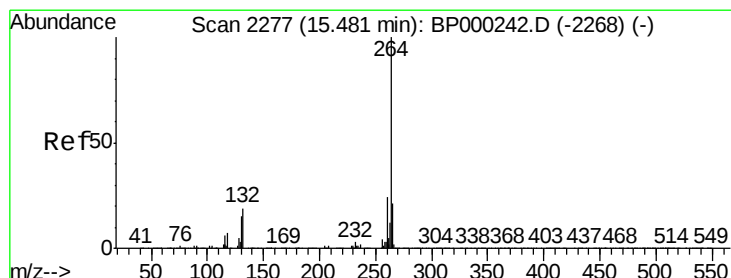
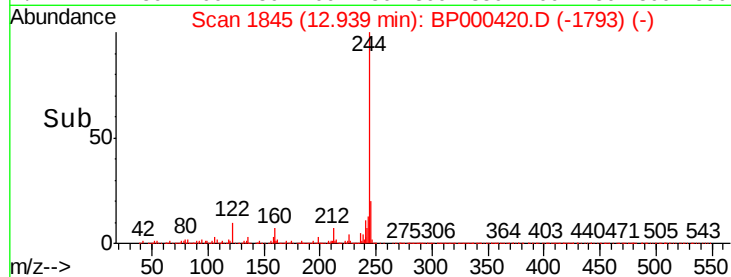
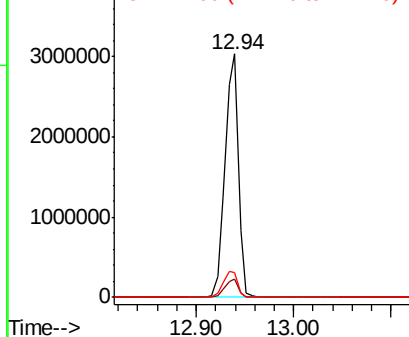
244 100

212 7.4 5.9 8.9

122 10.1 9.0 13.4



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BP000420.D

Acq: 26 Sep 2019 14:20

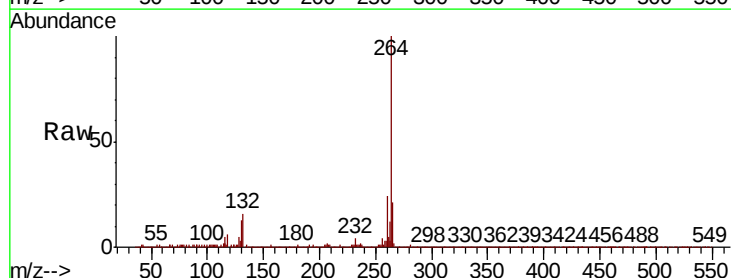
Tgt Ion:264 Resp: 607855

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.5 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

