

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000421.D
 Acq On : 26 Sep 2019 14:45
 Operator : JU
 Sample : K5008-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:11:07 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	244907	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	873732	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	509914	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	927219	20.00	ng	0.00
76) Chrysene-d12	14.00	240	810251	20.00	ng	0.00
87) Perylene-d12	15.49	264	877696	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1288030	90.79	ng	0.00
7) Phenol-d6	6.43	99	1199482	68.98	ng	0.00
23) Nitrobenzene-d5	7.35	82	1148126	84.78	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	662273	130.94	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2355763	83.15	ng	0.00
79) Terphenyl-d14	12.94	244	3011186	77.96	ng	0.00

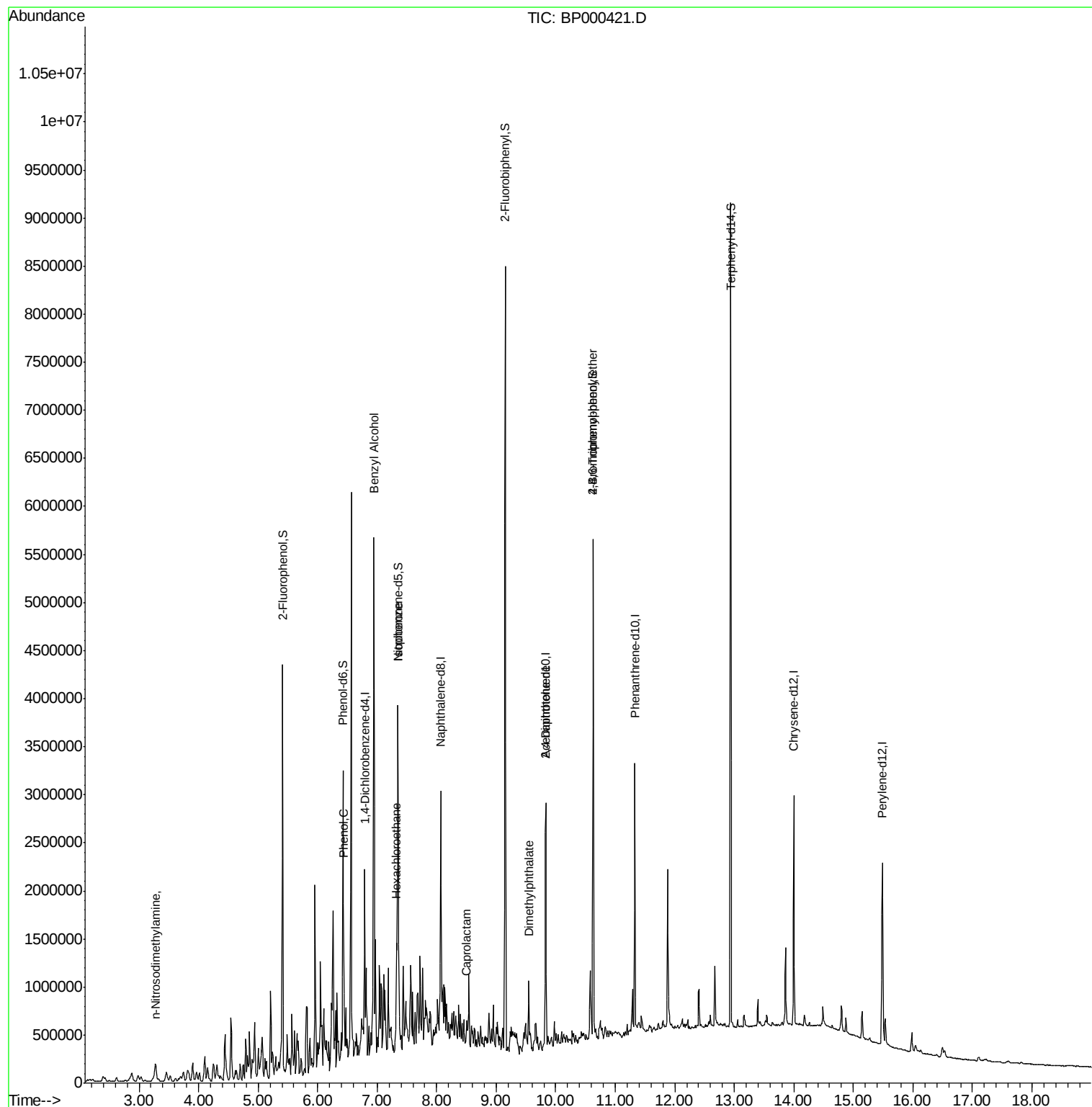
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.28	42	17425	3.586	ng	# 1
9) Benzaldehyde	6.33	77	7985	Below Cal		# 19
10) Phenol	6.44	94	67844	3.434	ng	# 87
15) Benzyl Alcohol	6.95	79	28767	2.273	ng	# 42
18) Hexachloroethane	7.32	117	43677	6.471	ng	# 1
25) Isophorone	7.35	82	1131456	42.194	ng	# 64
35) Caprolactam	8.50	113	9832	2.270	ng	# 1
50) Dimethylphthalate	9.55	163	233619	6.725	ng	# 99
57) 2,4-Dinitrotoluene	9.83	165	65937	6.603	ng	# 39
67) 4-Bromophenyl-phenylether	10.63	248	46272	4.413	ng	# 1
69) Atrazine	11.04	200	616	Below Cal		# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000421.D
Acq On : 26 Sep 2019 14:45
Operator : JU
Sample : K5008-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 27 00:11:07 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



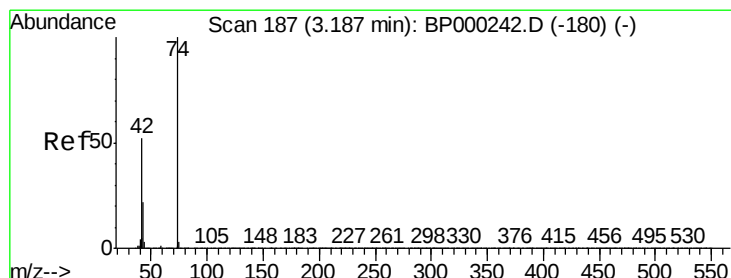
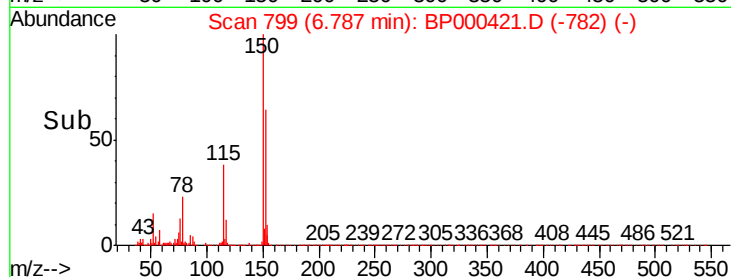
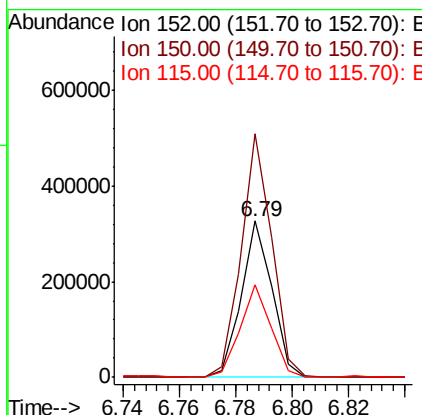
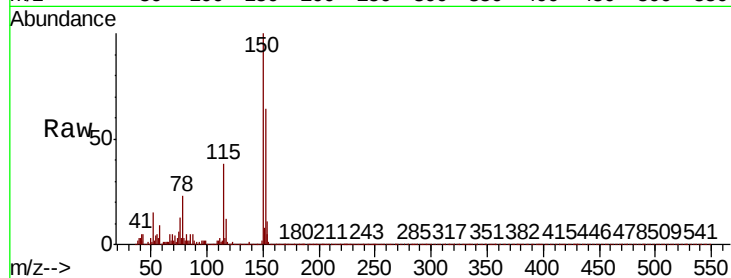


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Instrument :
BNA_P
ClientSampleId :

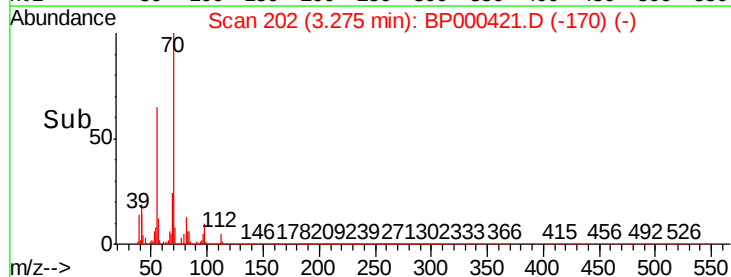
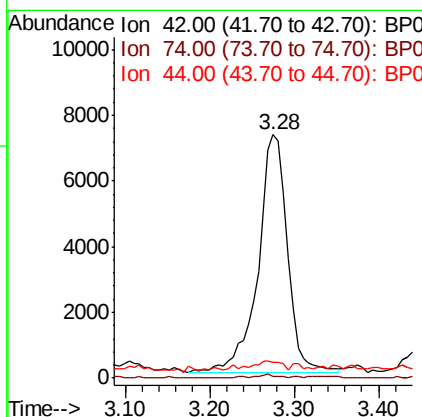
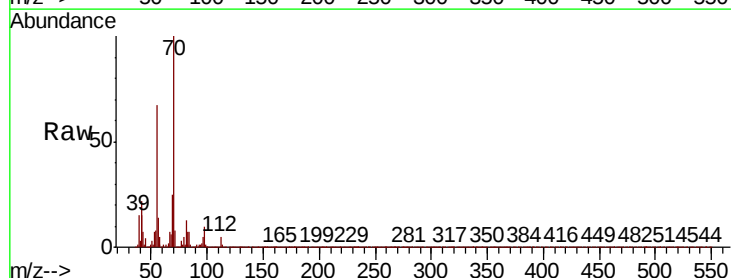
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.2	187.8
115	59.3	49.7	74.5

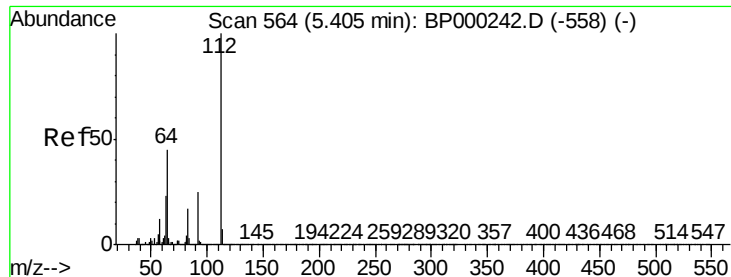


#4

n-Nitrosodimethylamine
Concen: 3.586 ng
RT: 3.28 min Scan# 202
Delta R.T. 0.09 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.9	154.5	231.7#
44	6.6	5.9	8.9





#5

2-Fluorophenol

Concen: 90.793 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Instrument :

BNA_P

ClientSampleId :

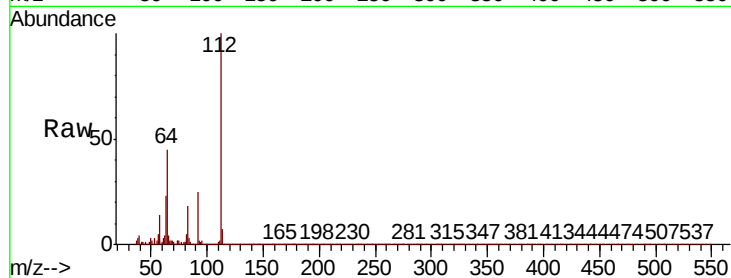
Tot Ion:112 Resp: 1288030

Ion Ratio Lower Upper

112 100

64 45.3 36.2 54.4

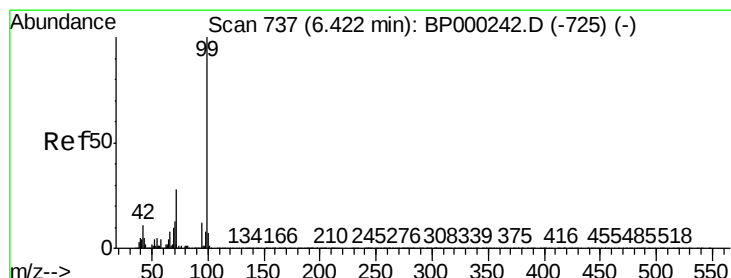
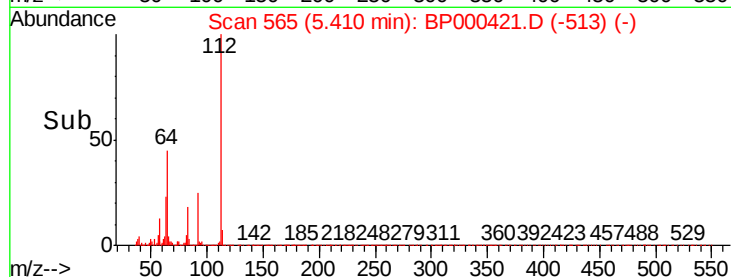
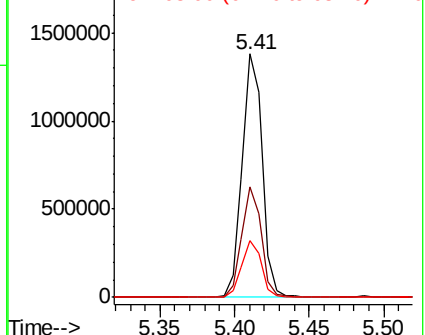
63 23.3 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 68.977 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

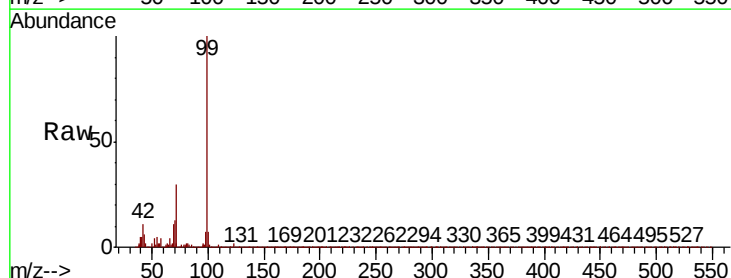
Tgt Ion: 99 Resp: 1199482

Ion Ratio Lower Upper

99 100

42 11.1 8.5 12.7

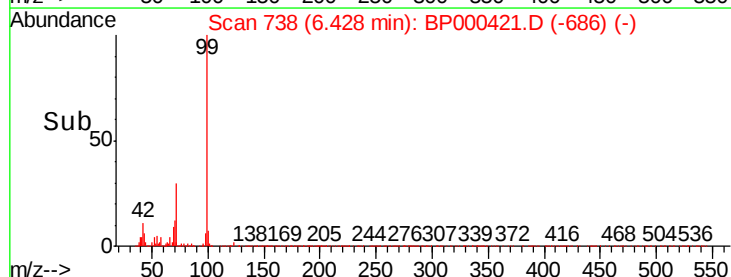
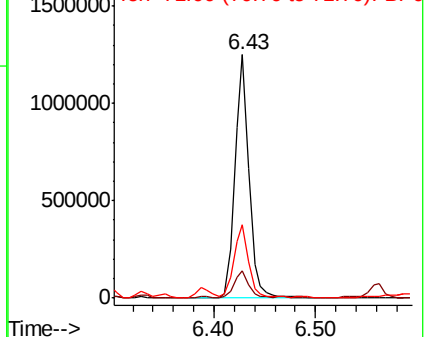
71 30.0 22.6 34.0

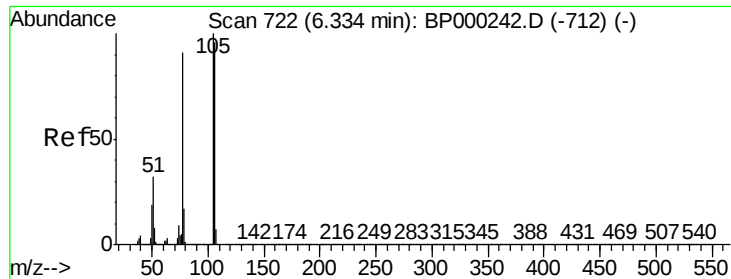


Abundance Ion 99.00 (98.70 to 99.70): BP0

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# 721

Delta R.T. -0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Instrument :

BNA_P

ClientSampleId :

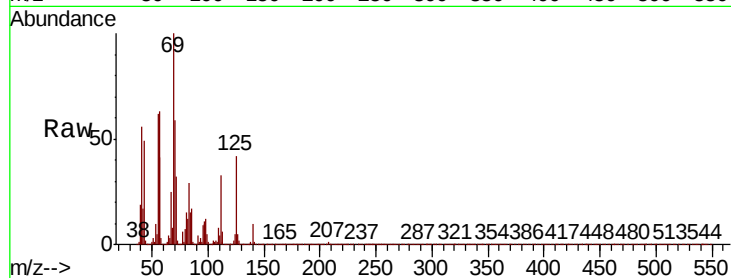
Tot Ion: 77 Resp: 7985

Ion Ratio Lower Upper

77 100

105 30.2 89.6 129.6#

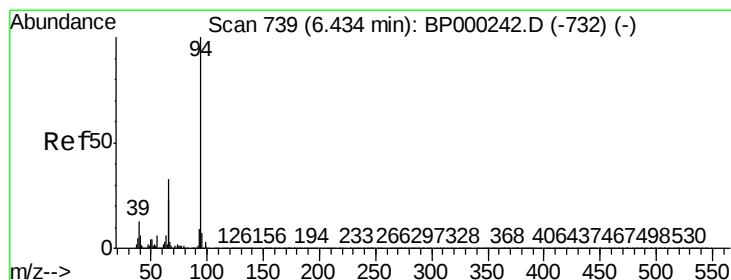
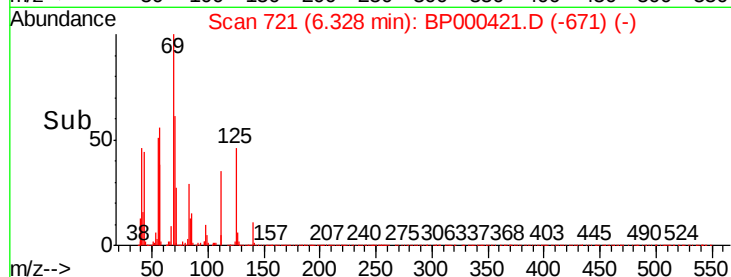
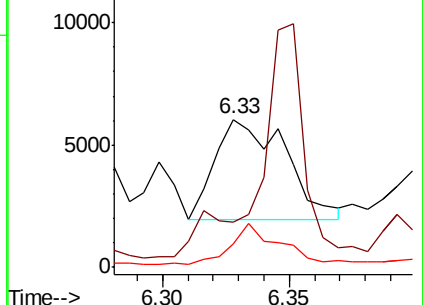
106 16.1 84.6 124.6#



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: 3.434 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

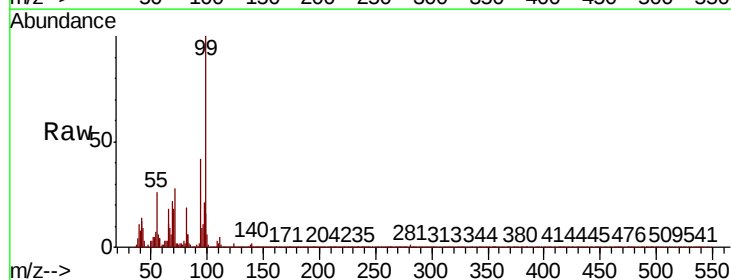
Tgt Ion: 94 Resp: 67844

Ion Ratio Lower Upper

94 100

65 27.5 3.3 43.3

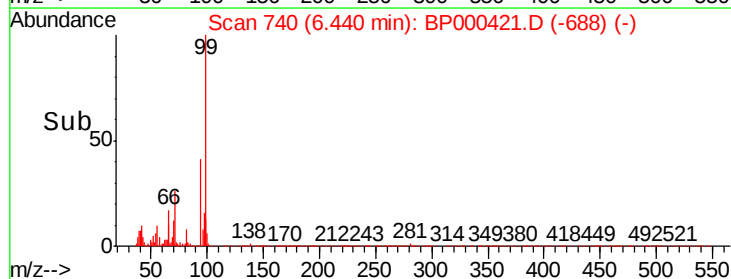
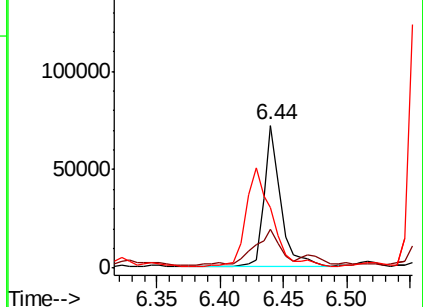
66 42.0 12.7 52.7

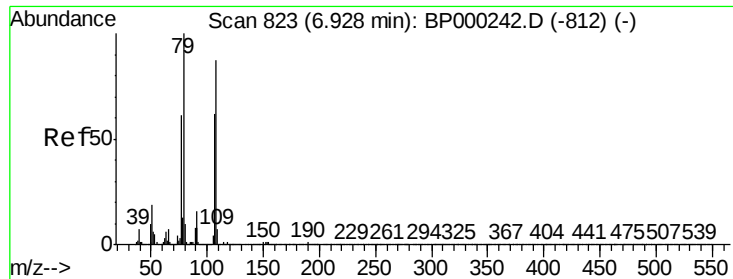


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#15

Benzyl Alcohol

Concen: 2.273 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Instrument :

BNA_P

ClientSampleId :

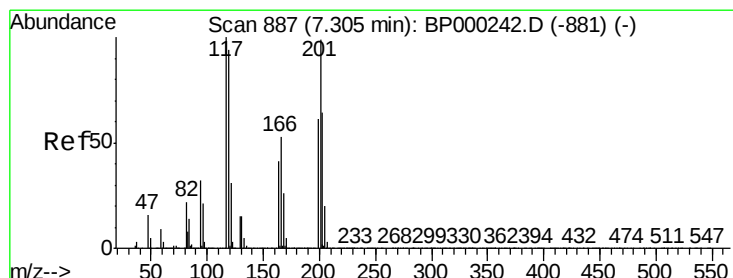
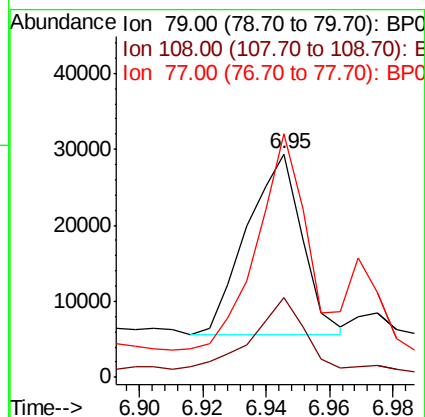
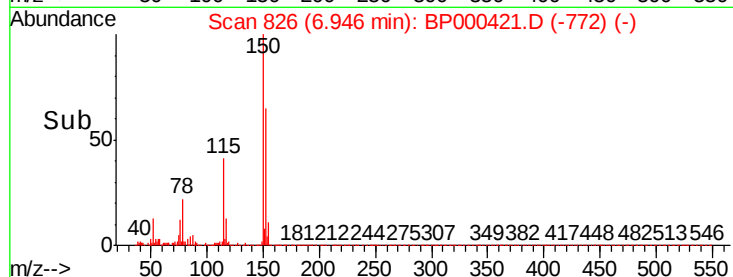
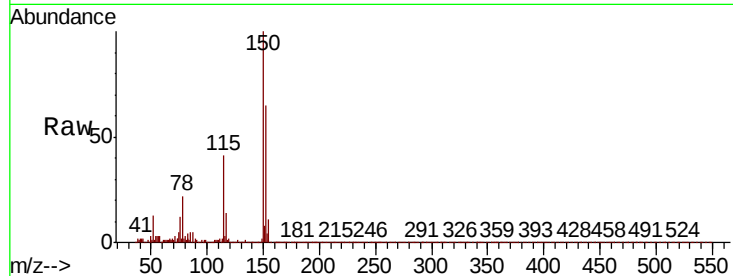
Tot Ion: 79 Resp: 28767

Ion Ratio Lower Upper

79 100

108 35.7 69.2 103.8#

77 108.8 48.7 73.1#



#18

Hexachloroethane

Concen: 6.471 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.02 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

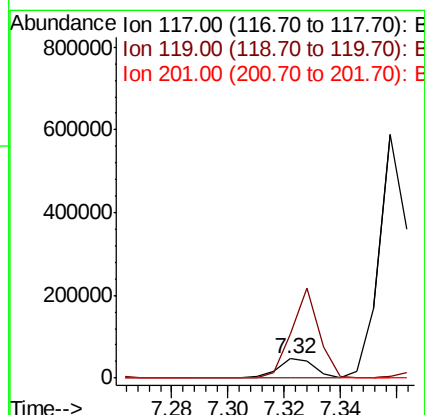
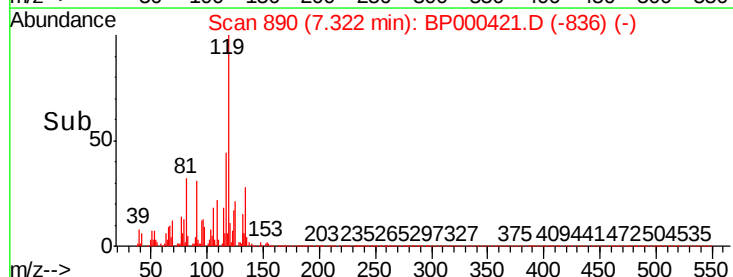
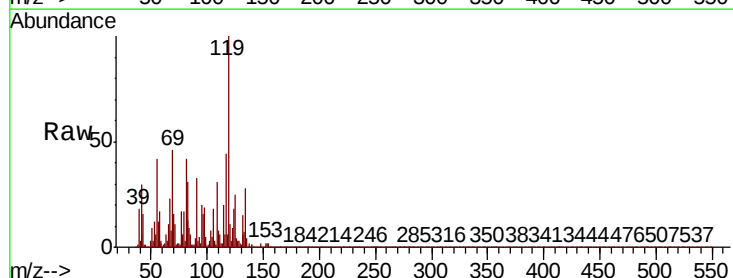
Tgt Ion: 117 Resp: 43677

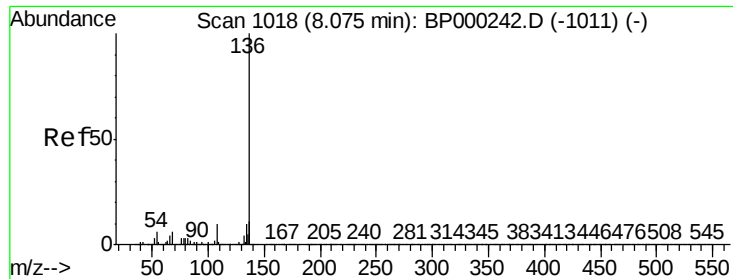
Ion Ratio Lower Upper

117 100

119 226.9 75.6 113.4#

201 0.1 79.4 119.2#

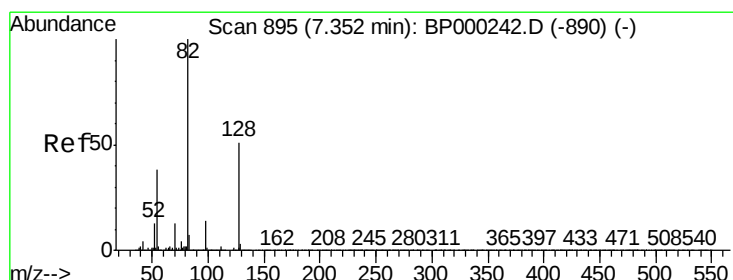
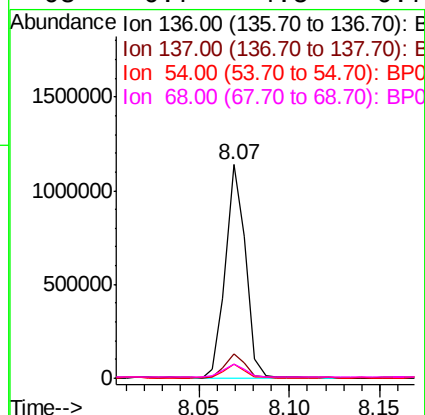
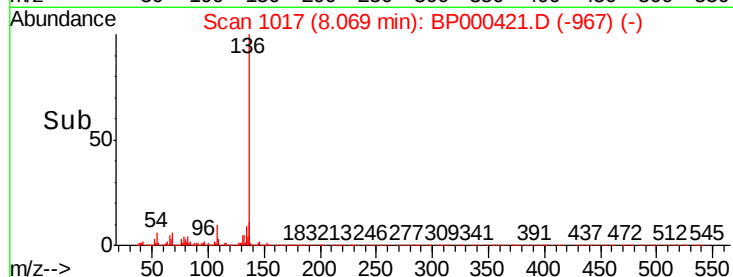
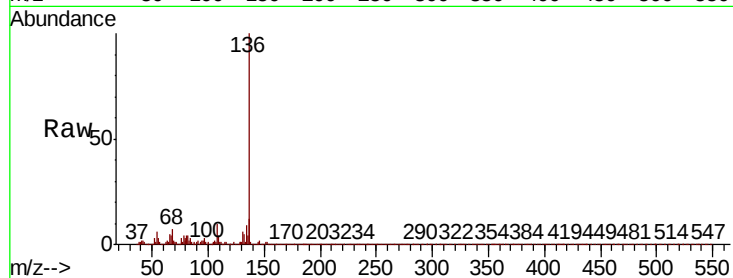




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

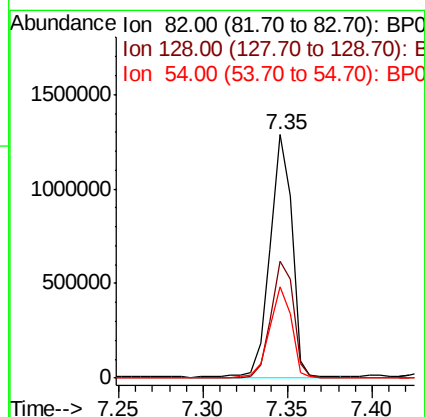
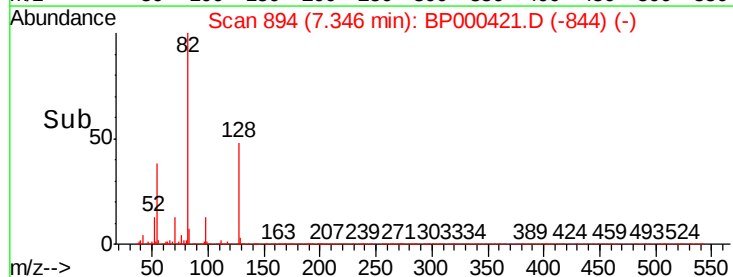
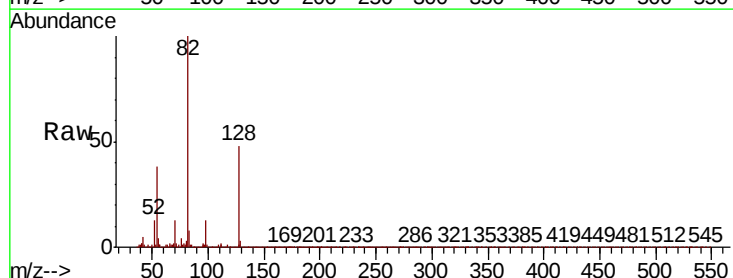
Instrument :
BNA_P
ClientSampleId :

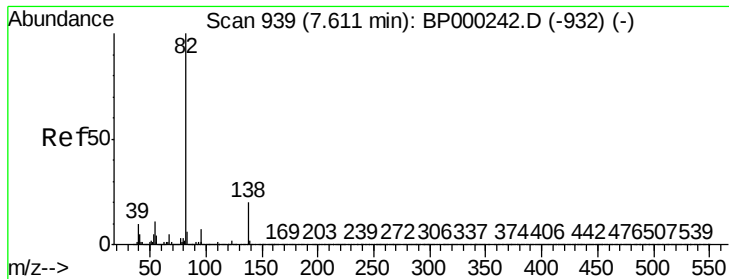
Tot Ion:136	Resp:	873732
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.6 13.0
54	6.5	4.5 6.7
68	6.7	4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.782 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Tgt Ion: 82	Resp:	1148126
Ion	Ratio	Lower Upper
82	100	
128	47.9	40.7 61.1
54	37.7	30.1 45.1





#25

Isophorone

Concen: 42.194 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Instrument :

BNA_P

ClientSampleId :

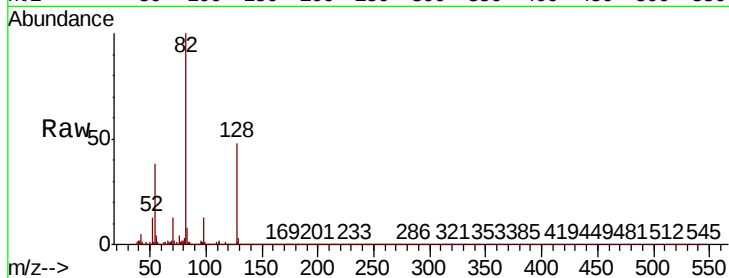
Tot Ion: 82 Resp: 1131456

Ion Ratio Lower Upper

82 100

95 1.7 5.9 8.9#

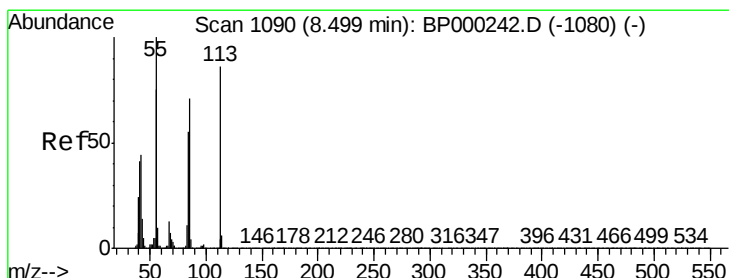
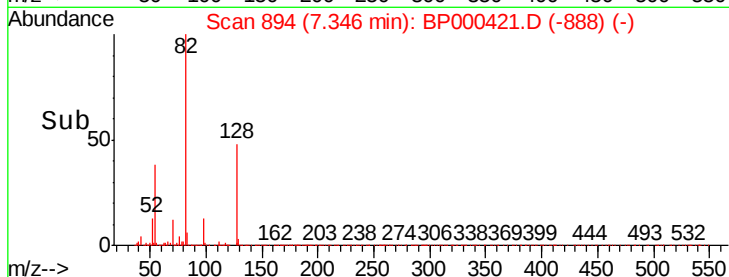
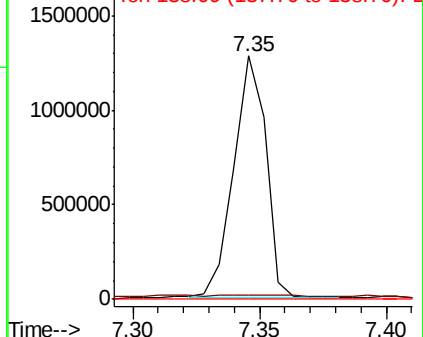
138 0.1 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#35

Caprolactam

Concen: 2.270 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

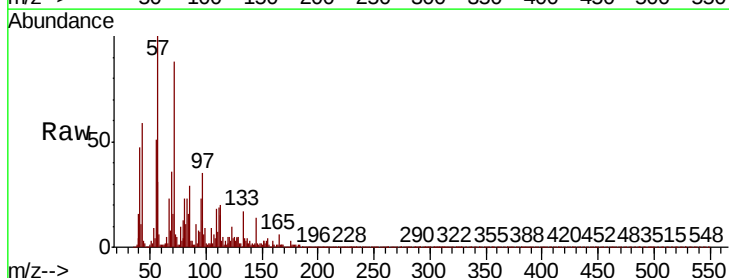
Tgt Ion: 113 Resp: 9832

Ion Ratio Lower Upper

113 100

55 252.2 96.8 136.8#

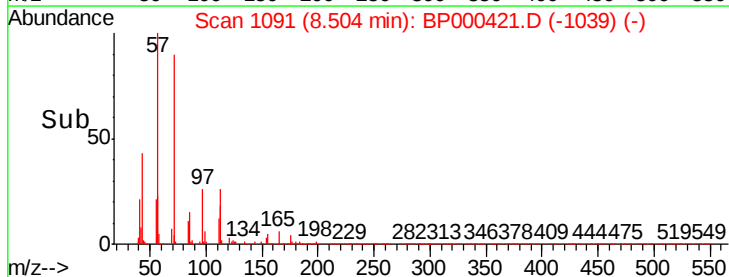
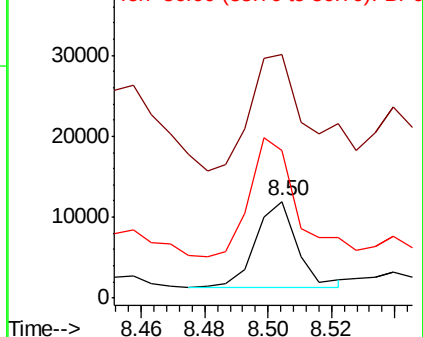
56 152.5 67.5 107.5#

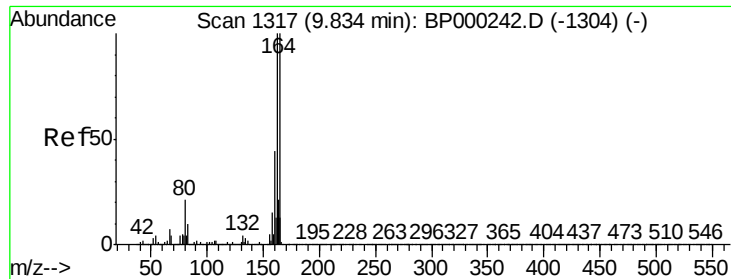


Abundance Ion 113.00 (112.70 to 113.70): BP0

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0

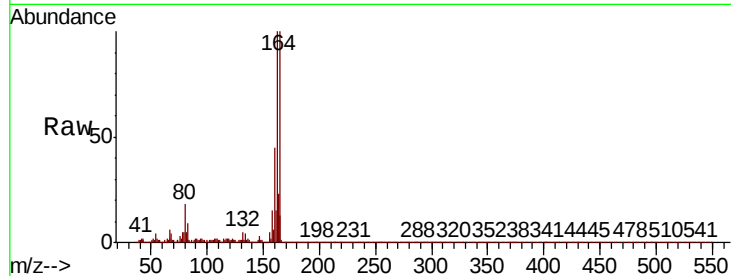




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BP000421.D
 Acq: 26 Sep 2019 14:45

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.9	119.9
160	45.0	35.6	53.4

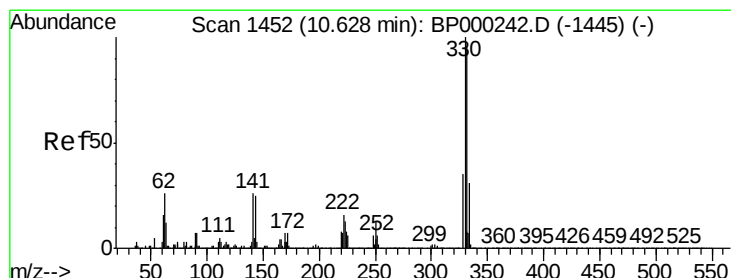
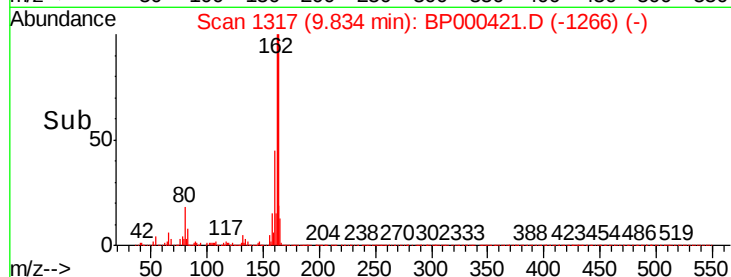
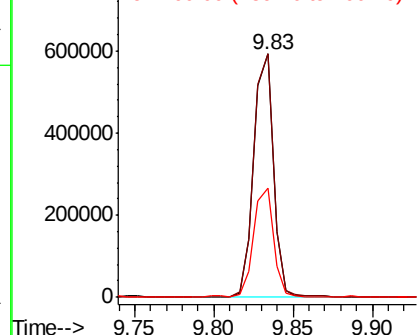


Abundance

Ion 164.00 (163.70 to 164.70): E

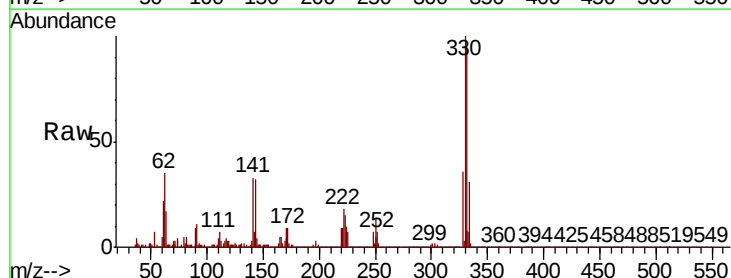
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 130.945 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BP000421.D
 Acq: 26 Sep 2019 14:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	32.6	26.5	39.7

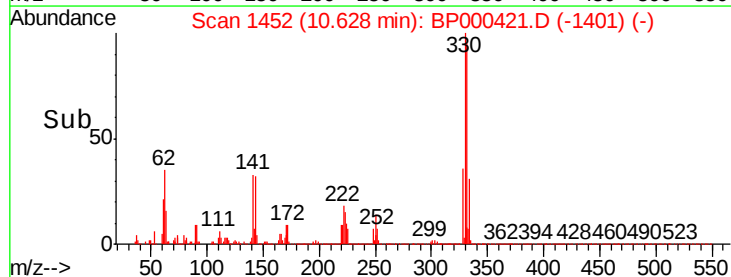
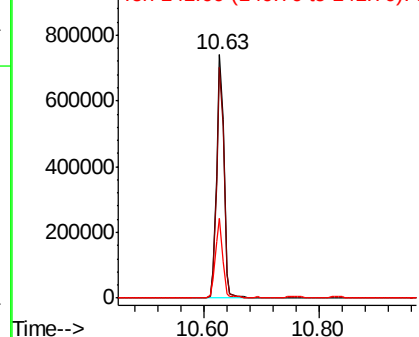


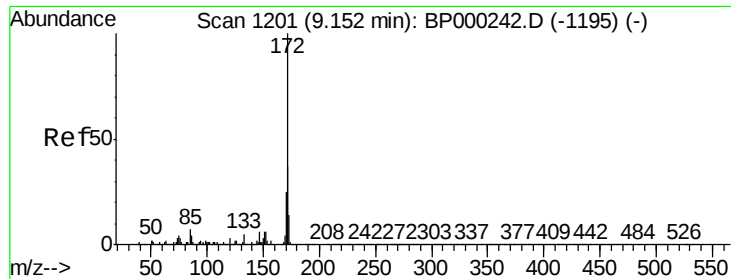
Abundance

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

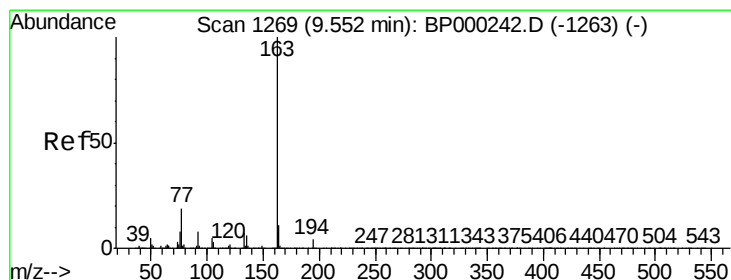
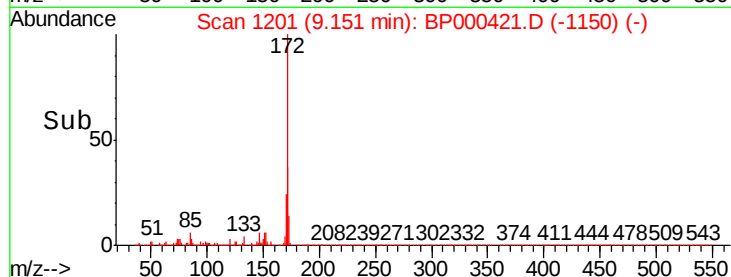
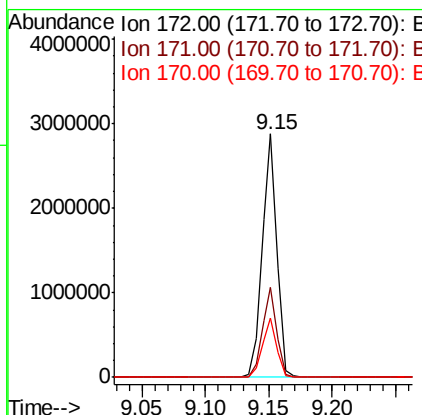
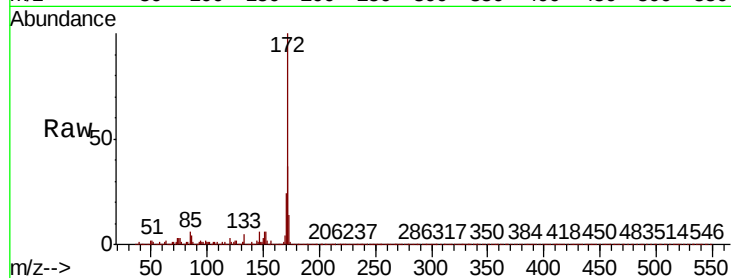




#45
2-Fluorobiphenyl
Concen: 83.150 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

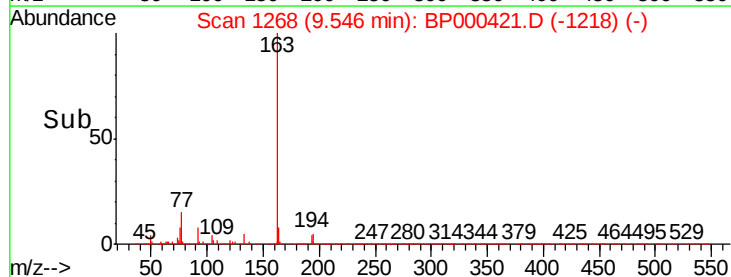
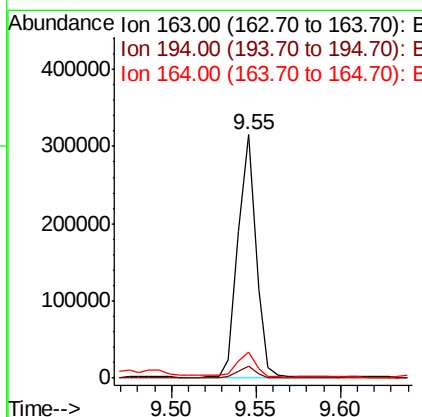
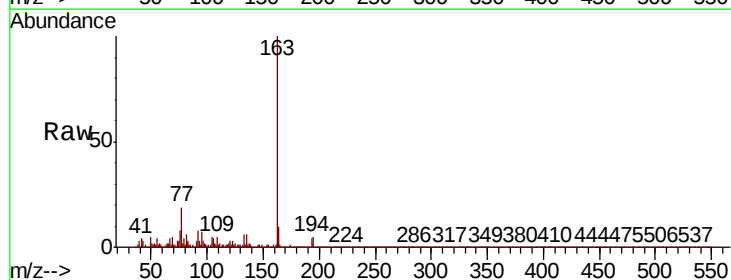
Instrument :
BNA_P
ClientSampleId :

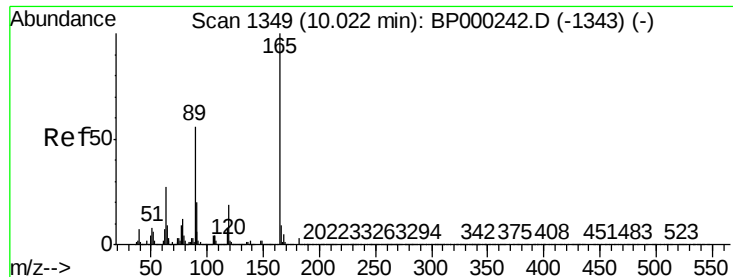
Tot Ion:172 Resp: 2355763
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.2 19.8 29.6



#50
Dimethylphthalate
Concen: 6.725 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Tgt Ion:163 Resp: 233619
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.0
164 10.5 8.5 12.7

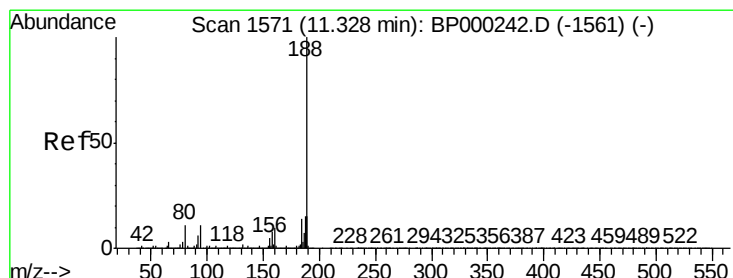
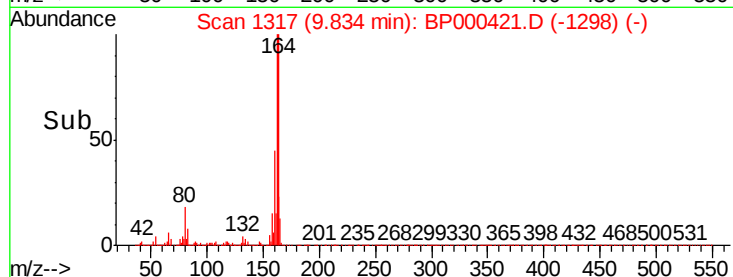
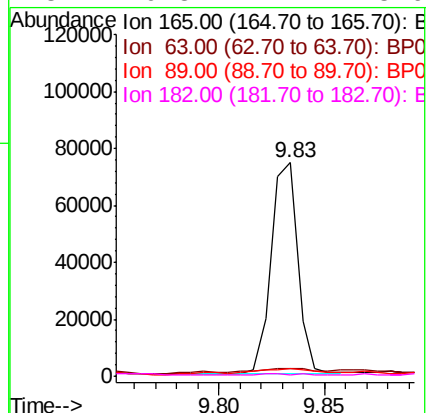
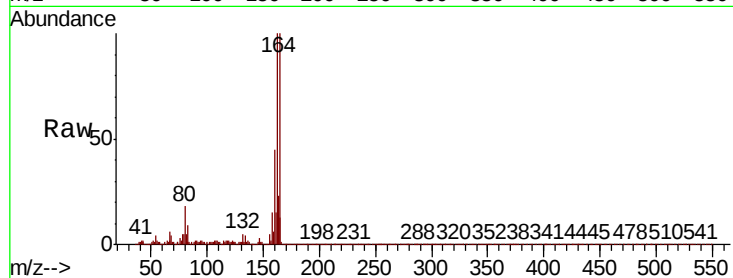




#57
2,4-Dinitrotoluene
Concen: 6.603 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

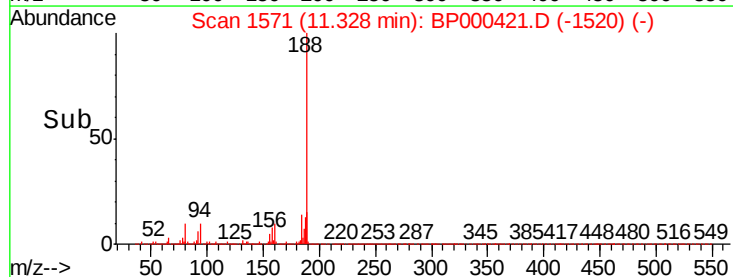
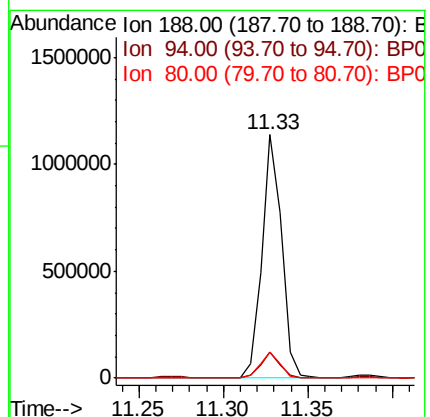
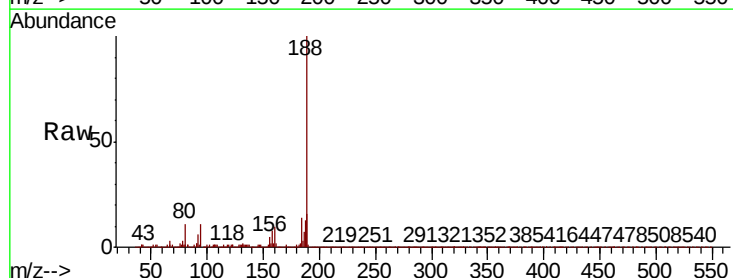
Instrument :
BNA_P
ClientSampleId :

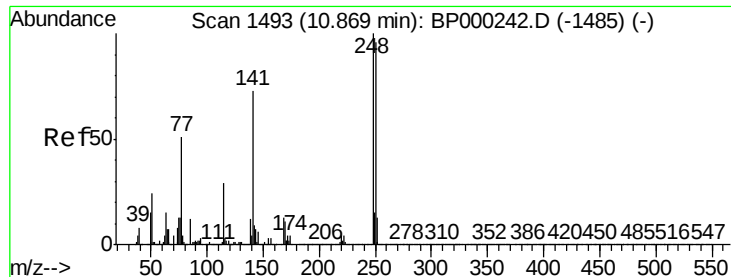
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.9	21.7	32.5#
89	3.7	45.0	67.6#
182	0.8	2.4	3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.5	8.6	13.0

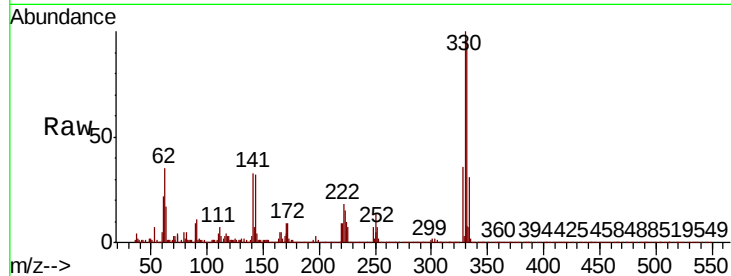




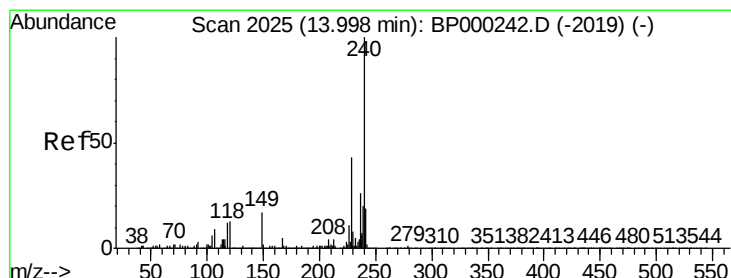
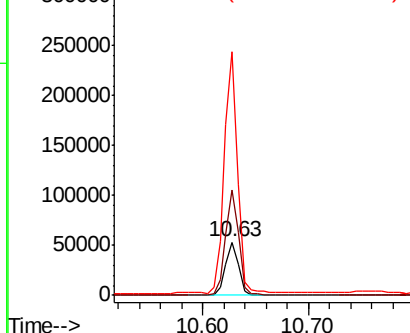
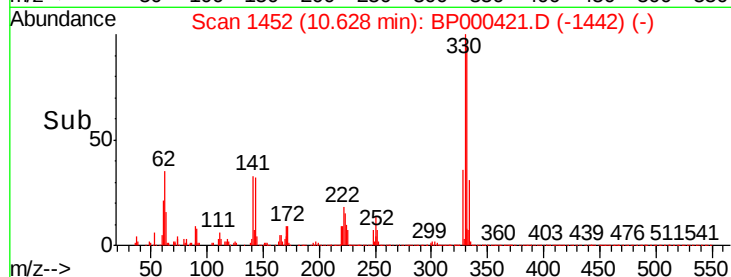
#67
4-Bromophenyl-phenylether
Concen: 4.413 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 46272
Ion Ratio Lower Upper
248 100
250 197.6 77.0 115.4#
141 458.0 58.5 87.7#

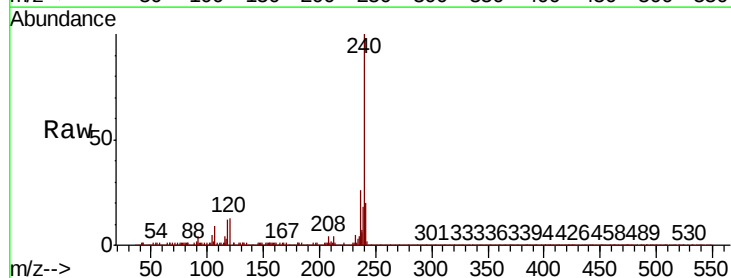


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

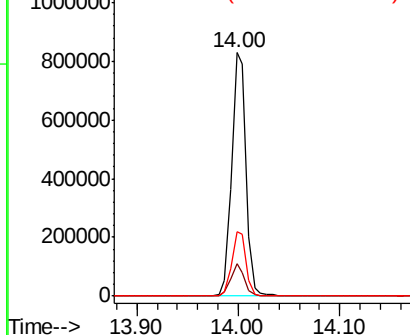
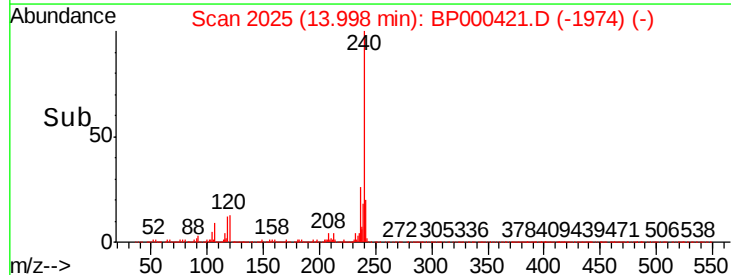


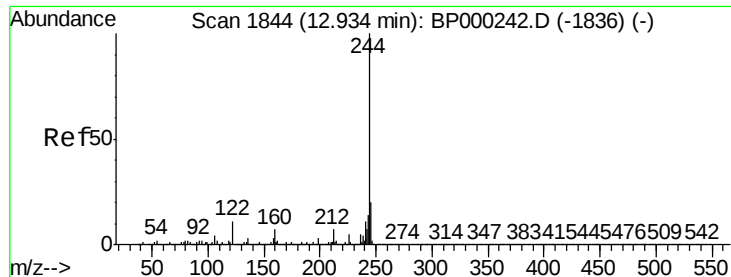
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000421.D
Acq: 26 Sep 2019 14:45

Tgt Ion:240 Resp: 810251
Ion Ratio Lower Upper
240 100
120 13.3 10.4 15.6
236 26.4 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: 77.964 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

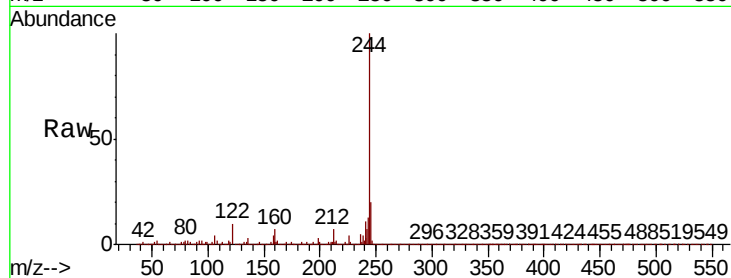
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 3011186

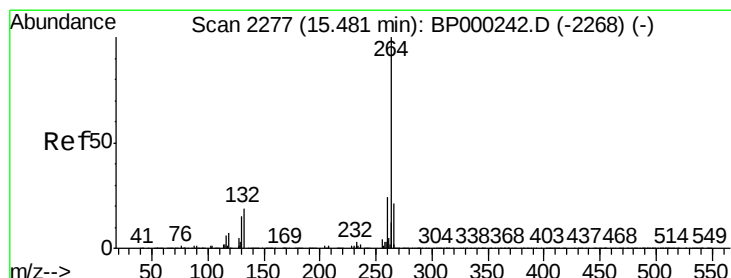
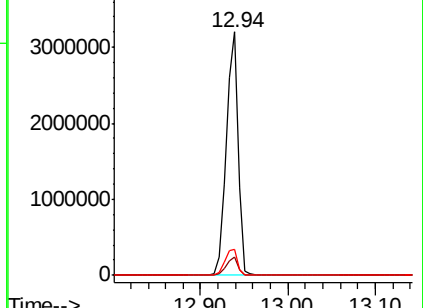
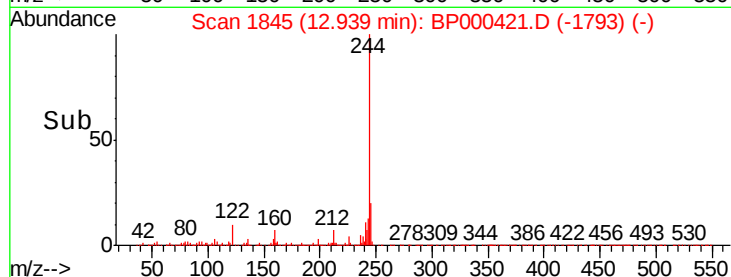
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.4	9.0	13.4



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

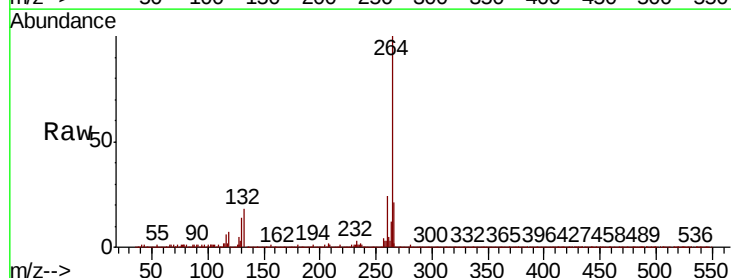
Delta R.T. 0.01 min

Lab File: BP000421.D

Acq: 26 Sep 2019 14:45

Tgt Ion:264 Resp: 877696

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.2	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

