

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001400.D
 Acq On : 24 Dec 2019 22:04
 Operator : JU
 Sample : K6401-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B40

Manual Integrations
 APPROVED

mohammad
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Quant Time: Dec 30 07:25:59 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	8.32	152	52210	20.00	ng	0.03
21) Naphthalene-d8	10.33	136	186757	20.00	ng	0.01
39) Acenaphthene-d10	13.19	164	84685	20.00	ng	0.01
64) Phenanthrene-d10	15.60	188	163342	20.00	ng	0.02
76) Chrysene-d12	19.23	240	123652	20.00	ng	0.00
87) Perylene-d12	21.02	264	127675	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	272300	84.29	ng	0.01
7) Phenol-d6	7.82	99	351435m	83.37	ng	0.07
23) Nitrobenzene-d5	9.18	82	242289	49.82	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	92343	87.22	ng	0.05
45) 2-Fluorobiphenyl	12.11	172	417133	62.28	ng	0.01
79) Terphenyl-d14	17.87	244	433447	60.04	ng	0.00
Target Compounds						
9) Benzaldehyde	7.58	77	9657	3.266	ng	Qvalue # 44
12) 1,3-Dichlorobenzene	8.23	146	2772468	685.363	ng	97
13) 1,4-Dichlorobenzene	8.36	146	4183955	1015.182	ng	100
14) 1,2-Dichlorobenzene	8.63	146	7695476	1959.969	ng	99
17) 2-Methylphenol	8.76	107	6998m	2.438	ng	
20) 3+4-Methylphenols	9.00	107	86548	22.726	ng	94
27) 2,4-Dimethylphenol	9.86	122	64317m	25.621	ng	
30) 1,2,4-Trichlorobenzene	10.25	180	370029	96.779	ng	98
50) Dimethylphthalate	12.79	163	81140	11.679	ng	97

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

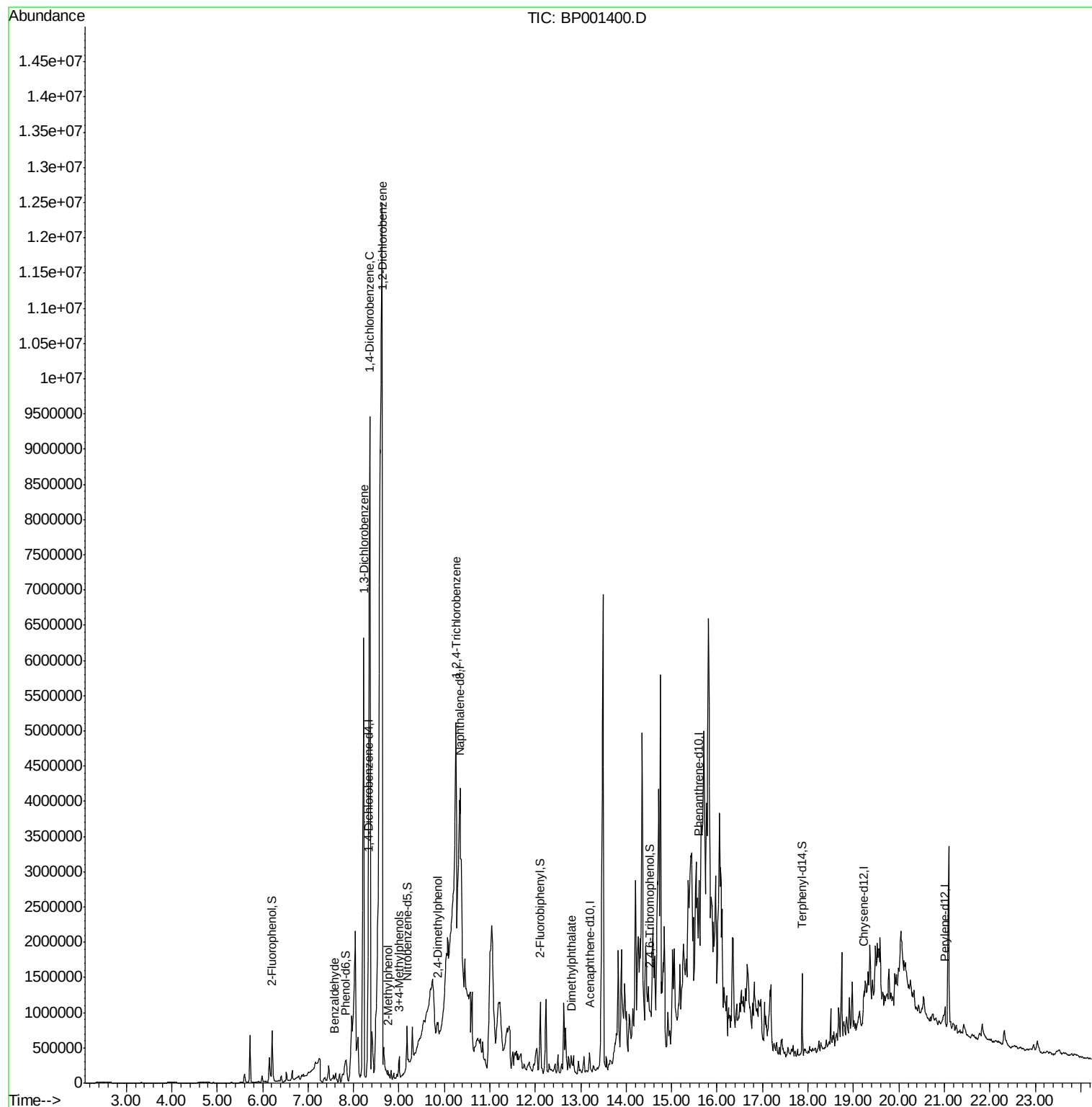
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001400.D
Acq On : 24 Dec 2019 22:04
Operator : JU
Sample : K6401-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

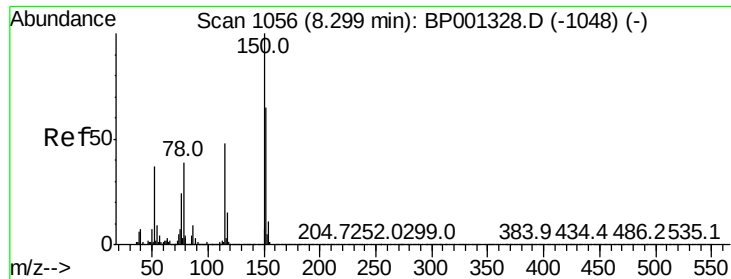
Instrument :
BNA_P
ClientSampleId :
C0B40

Quant Time: Dec 30 07:25:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
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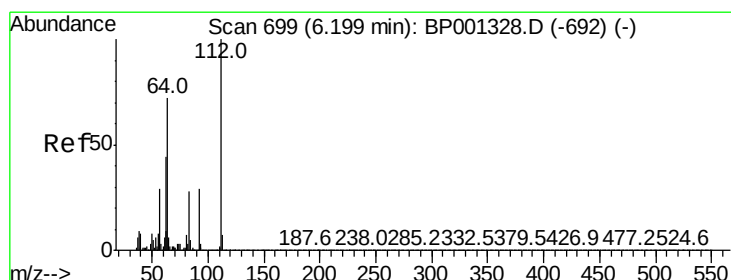
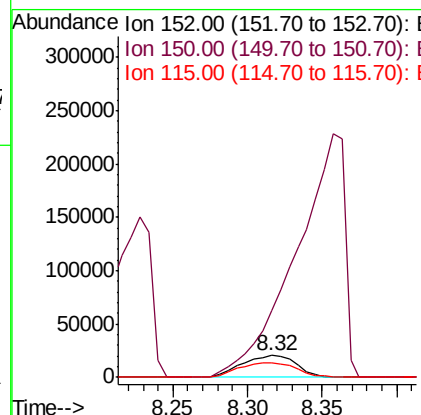
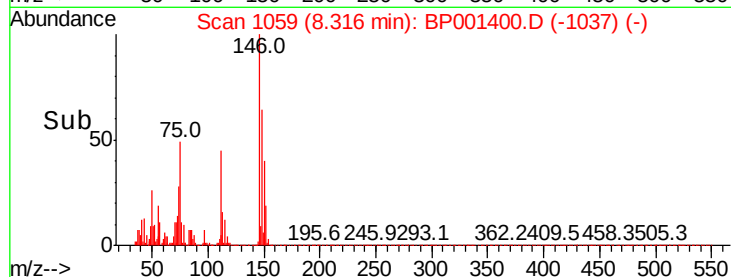
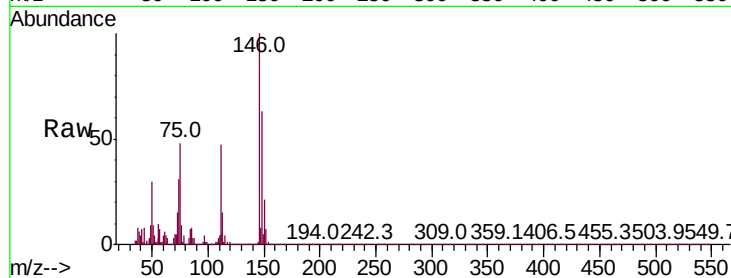
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.03 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Instrument :
BNA_P
ClientSampleId :
C0B40

Tot Ion	Ratio	Lower	Upper
152	100		
150	309.3	127.0	190.6#
115	67.3	56.1	84.1

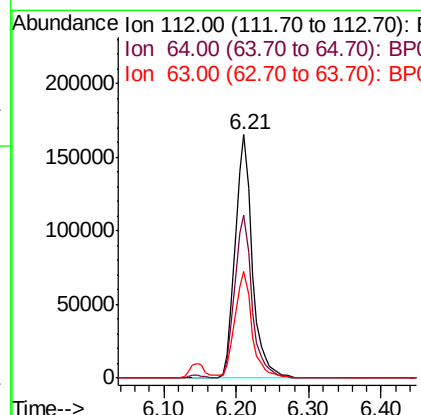
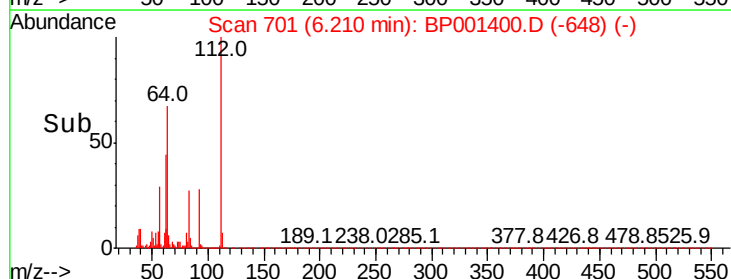
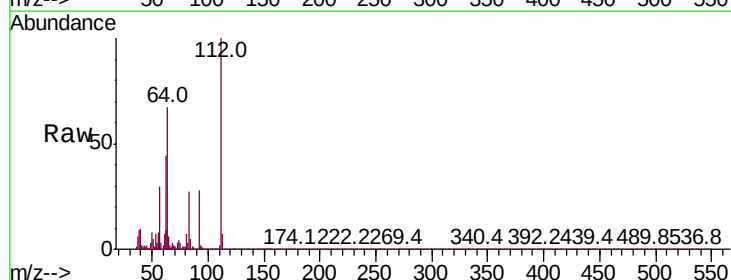
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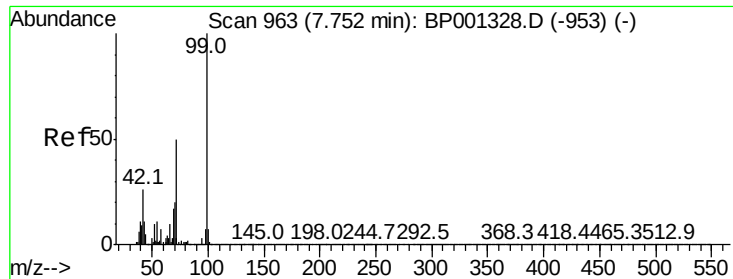
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#5
2-Fluorophenol
Concen: 84.292 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.9	80.9
63	43.6	33.4	50.0





#7

Phenol-d6

Concen: 83.371 ng/mL

RT: 7.82 min Scan# 975

Delta R.T. 0.07 min

Lab File: BP001400.D

Acq: 24 Dec 2019 22:04

Instrument :

BNA_P

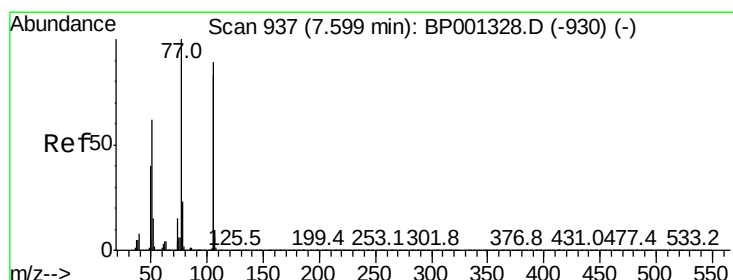
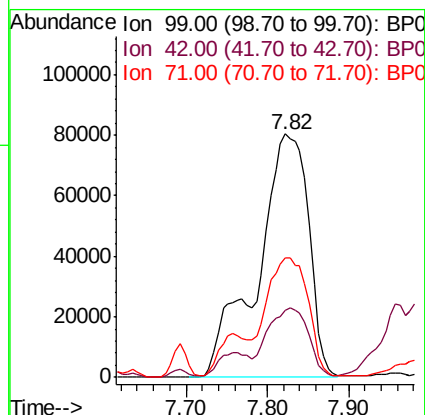
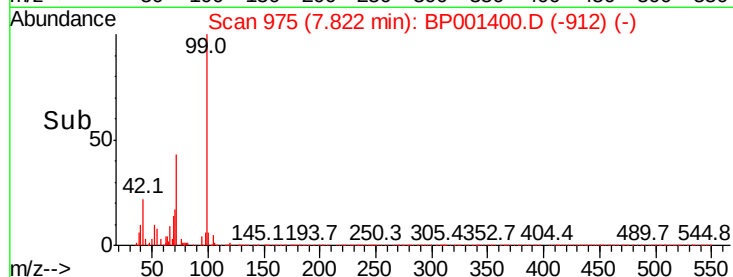
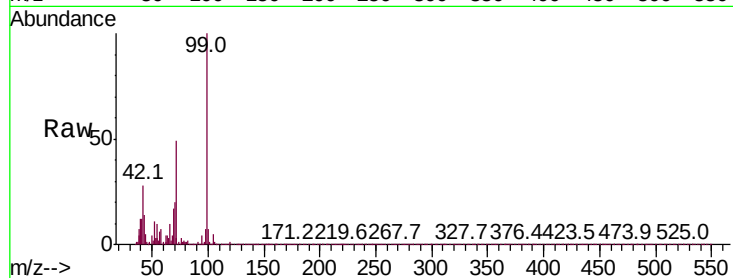
ClientSampleID :

C0B40

Tot Ion	99	Resp	351435
Ion Ratio	Lower	Upper	
99	100		
42	27.5	20.8	31.2
71	49.2	38.2	57.4

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#9

Benzaldehyde

Concen: 3.266 ng/mL

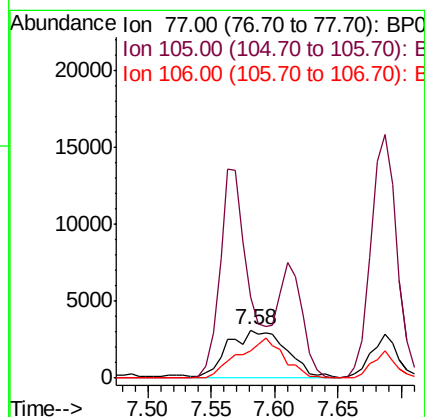
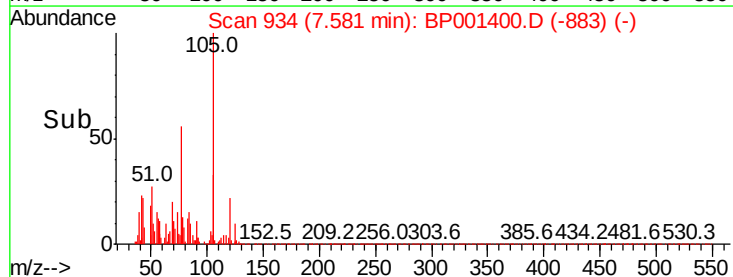
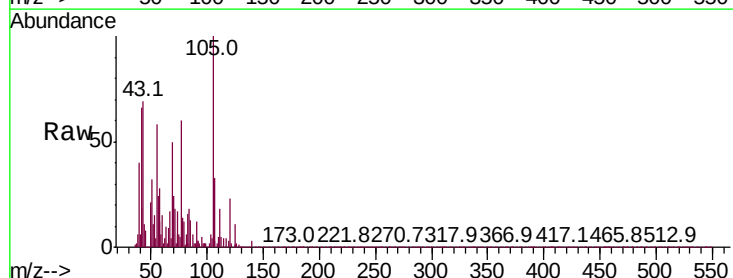
RT: 7.58 min Scan# 934

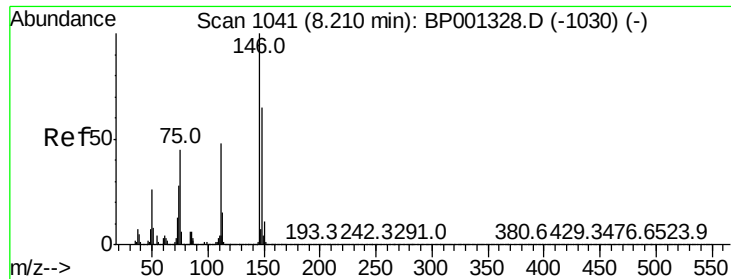
Delta R.T. -0.00 min

Lab File: BP001400.D

Acq: 24 Dec 2019 22:04

Tgt Ion	77	Resp	9657
Ion Ratio	Lower	Upper	
77	100		
105	167.6	75.7	115.7#
106	55.6	70.5	110.5#





#12

1,3-Dichlorobenzene

Concen: 685.363 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.04 min

Lab File: BP001400.D

Acq: 24 Dec 2019 22:04

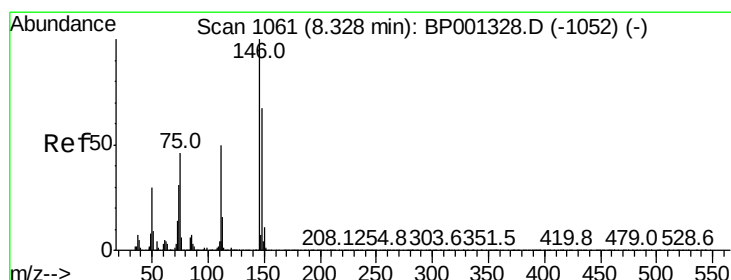
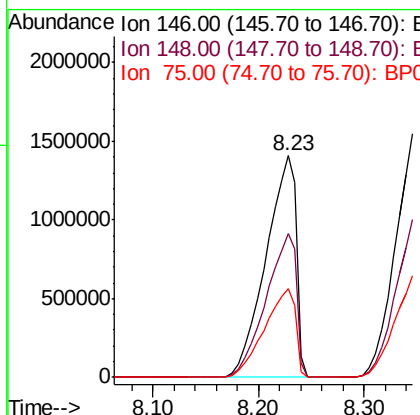
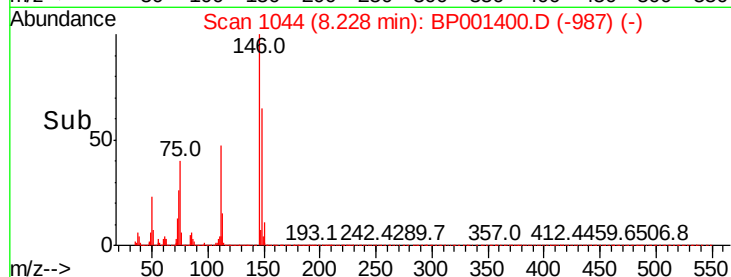
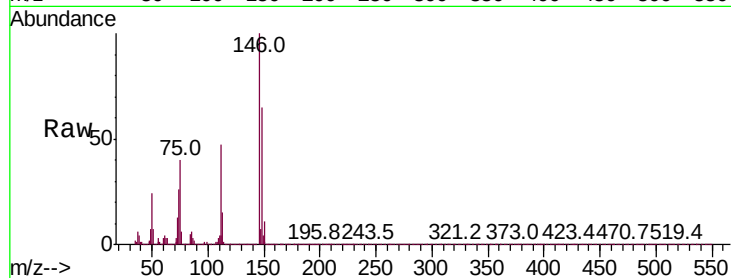
Instrument :
BNA_P
ClientSampleId :
C0B40

Tot Ion:146 Resp: 2772468

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
75	40.3	35.8	53.8

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#13

1,4-Dichlorobenzene

Concen: 1015.182 ng

RT: 8.36 min Scan# 1066

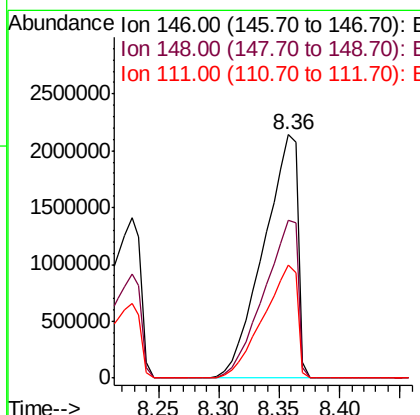
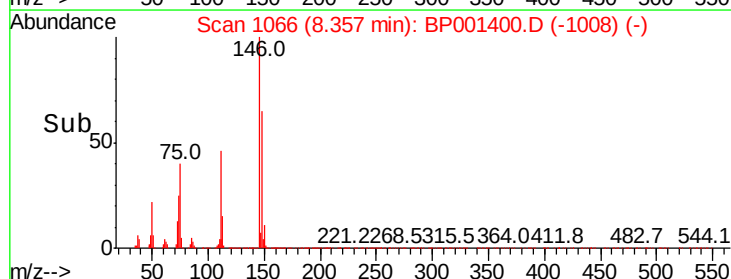
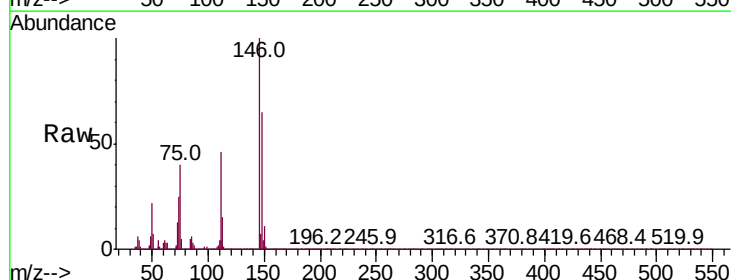
Delta R.T. 0.04 min

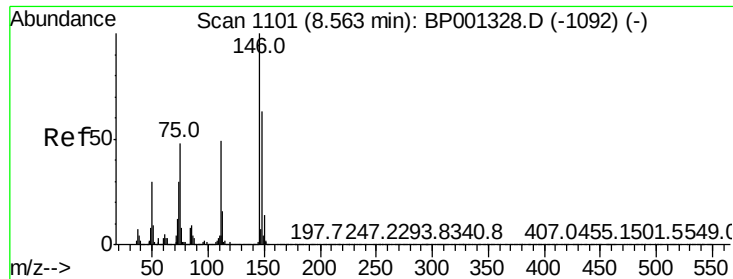
Lab File: BP001400.D

Acq: 24 Dec 2019 22:04

Tgt Ion:146 Resp: 4183955

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	46.2	36.8	55.2





#14

1,2-Dichlorobenzene

Concen: 1959.969 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.08 min

Lab File: BP001400.D

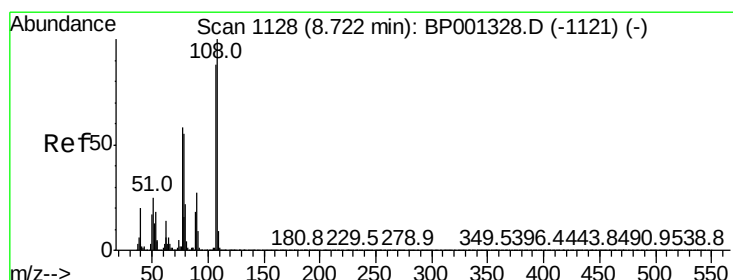
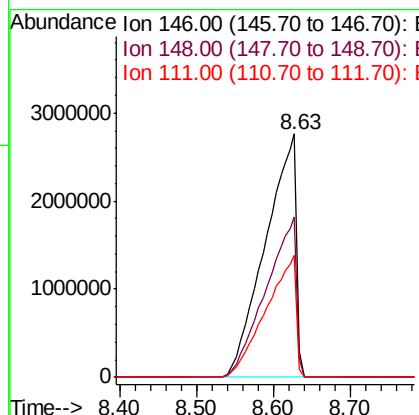
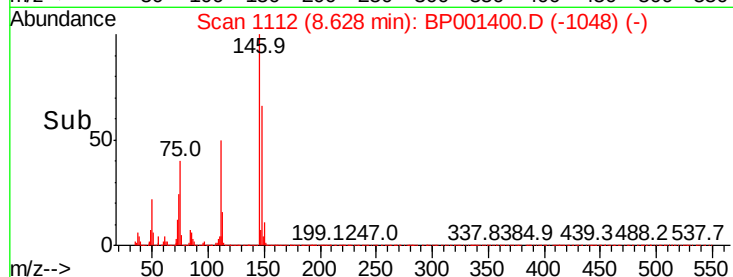
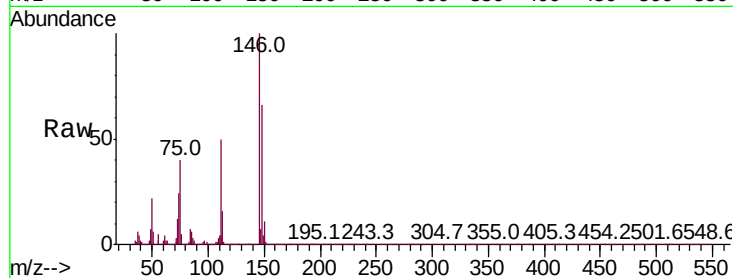
Acq: 24 Dec 2019 22:04

Instrument :
BNA_P
ClientSampleId :
C0B40

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.1	79.7
111	49.9	39.5	59.3

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#17

2-Methylphenol

Concen: 2.438 ng m

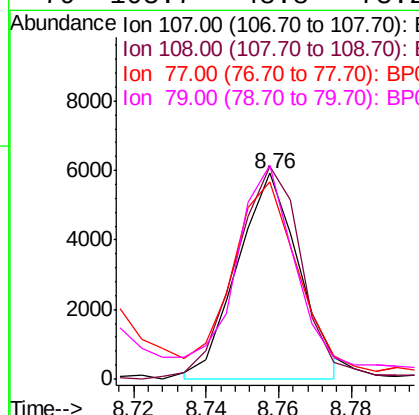
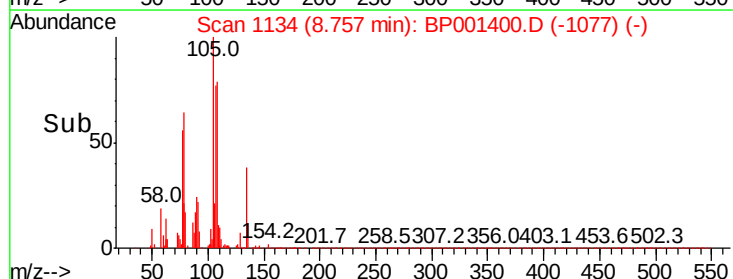
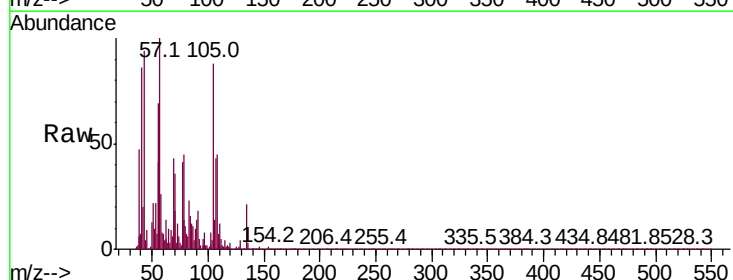
RT: 8.76 min Scan# 1134

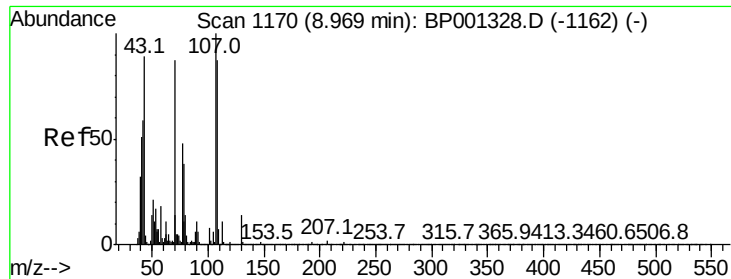
Delta R.T. 0.04 min

Lab File: BP001400.D

Acq: 24 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.4	88.8	133.2
77	95.7	48.9	73.3#
79	103.7	48.8	73.2#





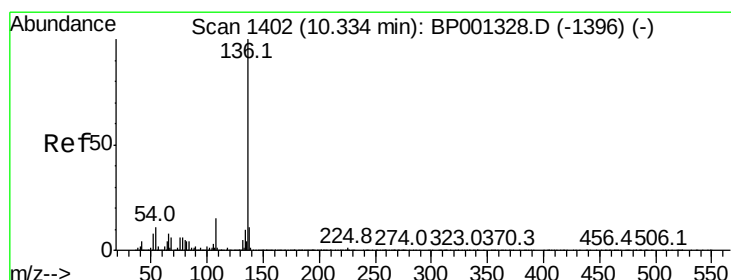
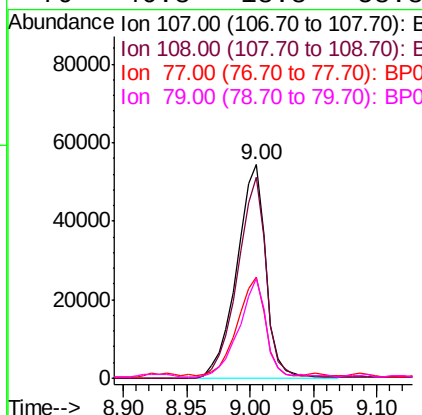
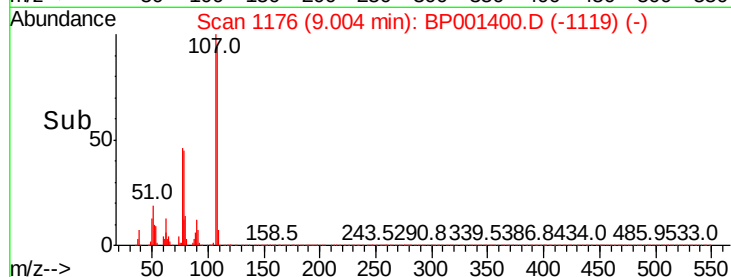
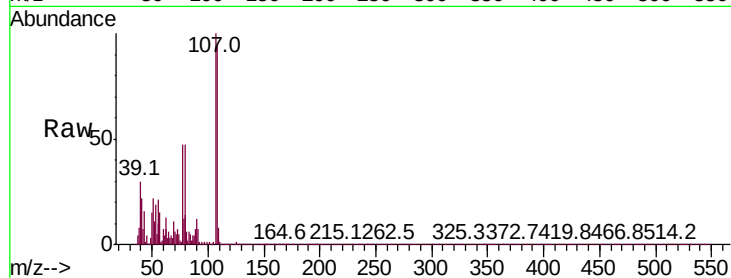
#20
3+4-Methylphenols
Concen: 22.726 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.04 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Instrument :
BNA_P
ClientSampleId :
C0B40

Tot Ion	Ratio	Lower	Upper
107	100		
108	94.3	70.4	110.4
77	47.1	24.5	64.5
79	46.8	18.8	58.8

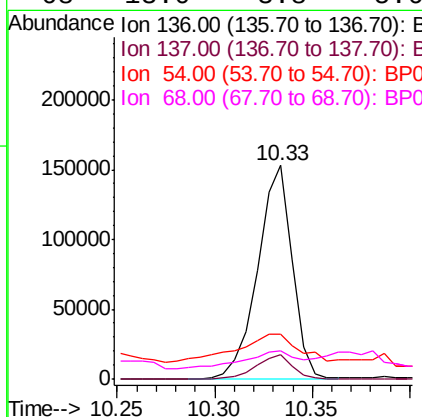
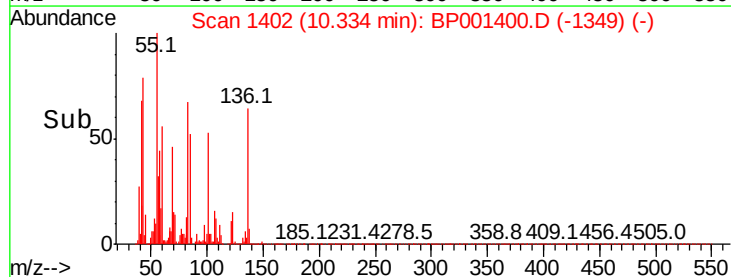
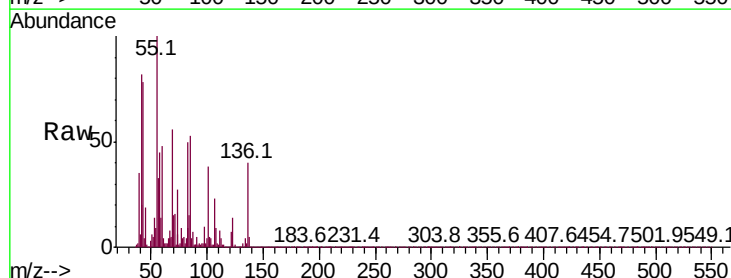
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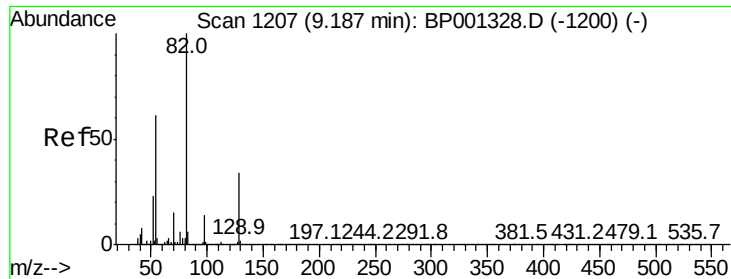
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	21.1	7.3	10.9#
68	13.0	3.8	5.6#





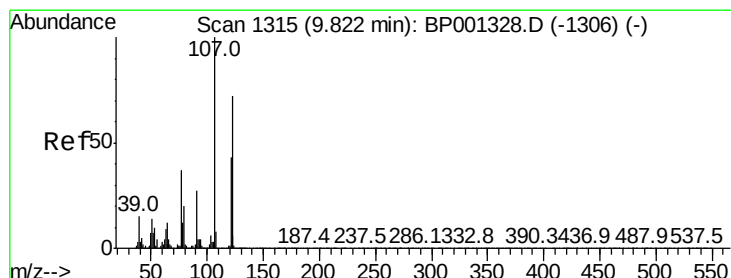
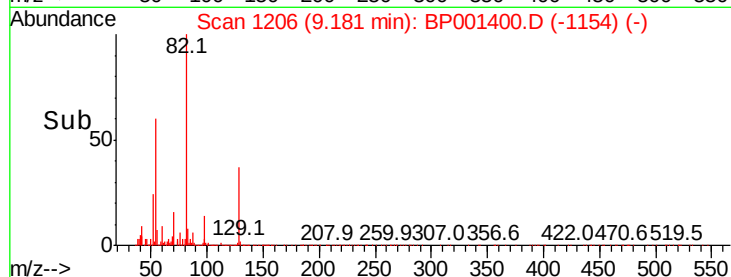
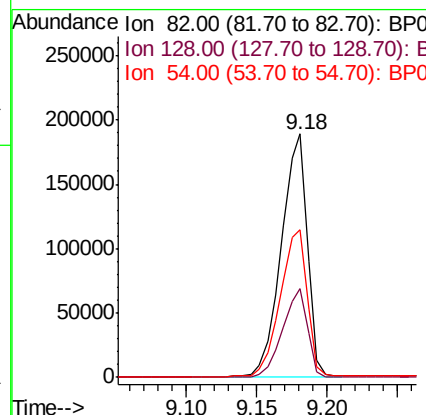
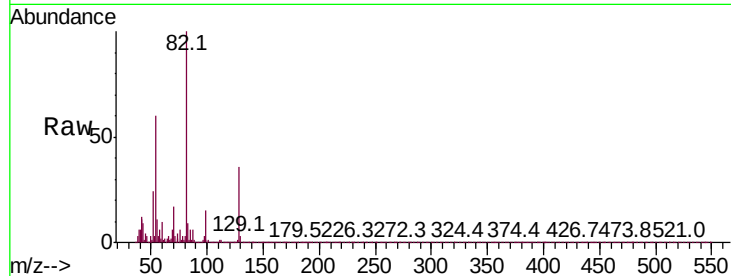
#23
Nitrobenzene-d5
Concen: 49.820 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Instrument :
BNA_P
ClientSampled :
C0B40

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	36.4	27.4	41.0
54	60.5	47.5	71.3

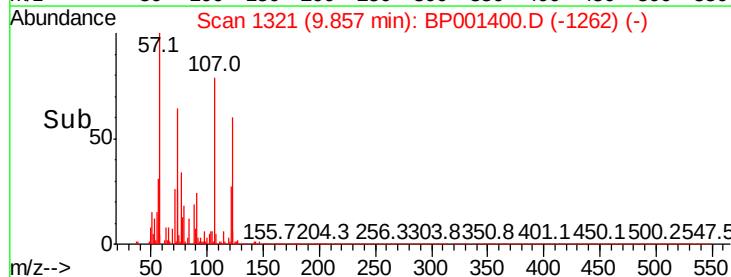
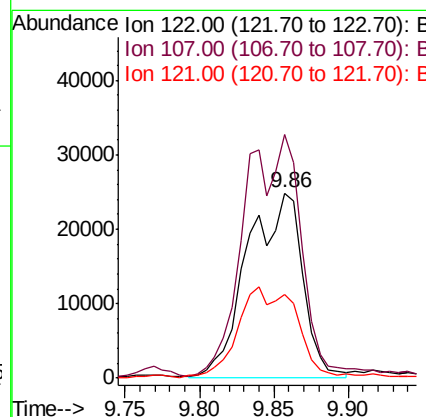
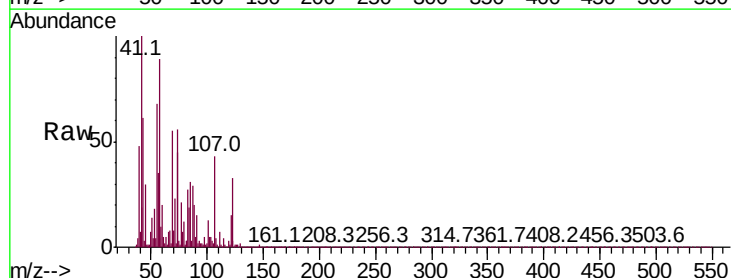
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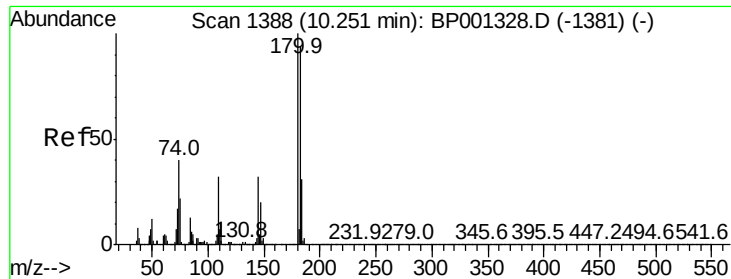
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#27
2,4-Dimethylphenol
Concen: 25.621 ng m
RT: 9.86 min Scan# 1321
Delta R.T. 0.05 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
107	131.6	106.5	159.7
121	45.2	47.1	70.7#





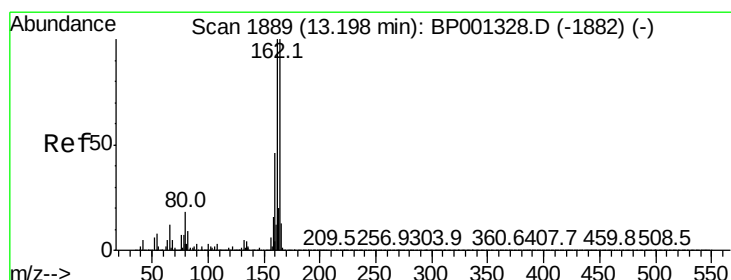
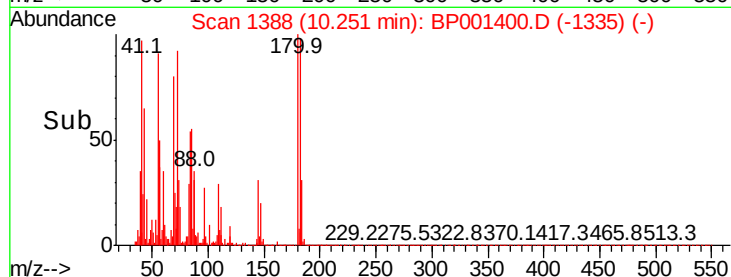
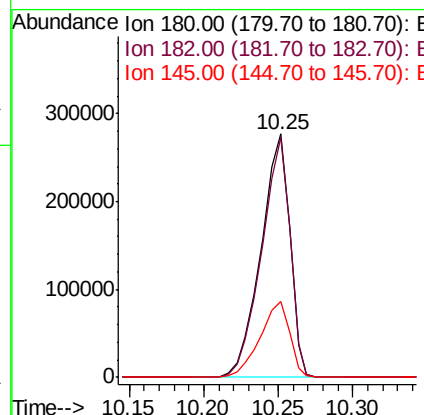
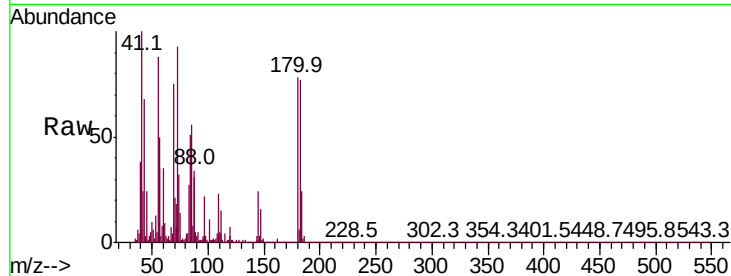
#30
1,2,4-Trichlorobenzene
Concen: 96.779 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Instrument :
BNA_P
ClientSampleId :
C0B40

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.3	79.3	118.9	
145	31.2	23.1	34.7	

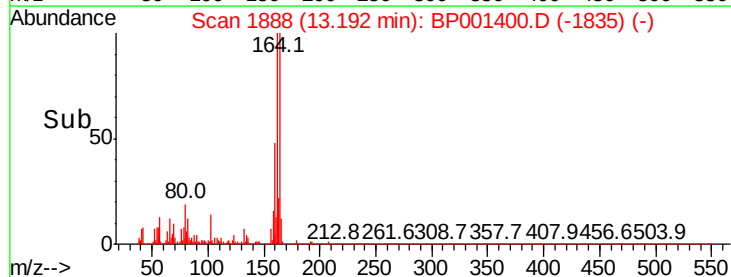
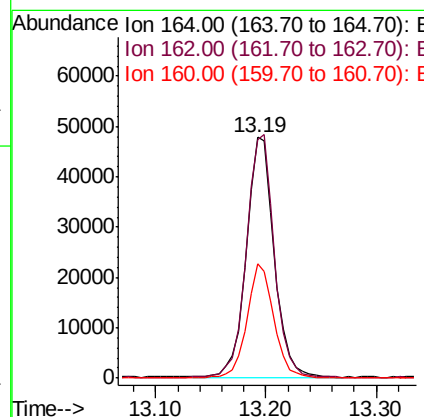
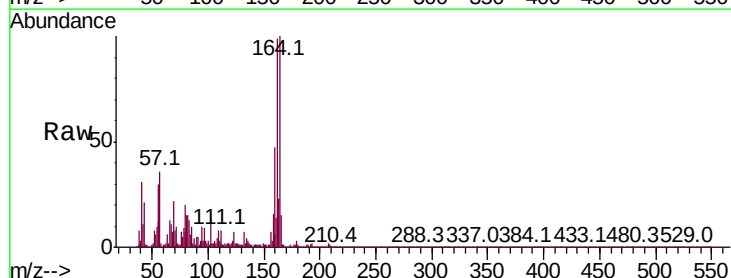
Manual Integrations
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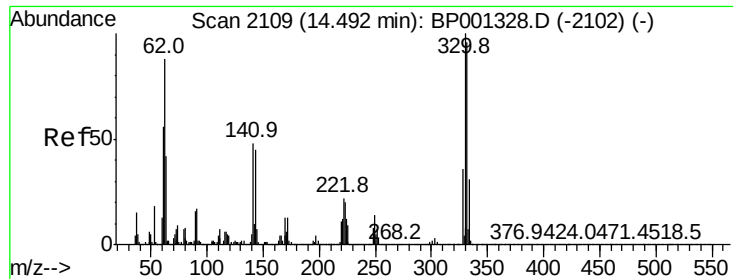
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.19 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.1	78.2	117.4	
160	47.5	35.1	52.7	





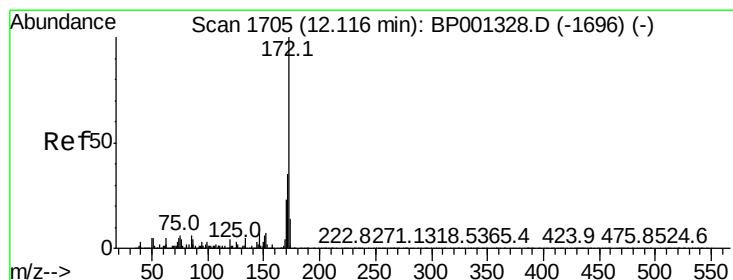
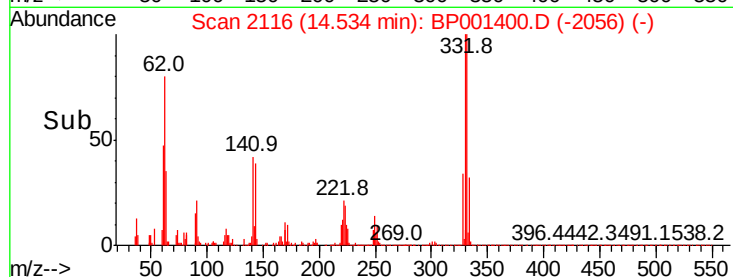
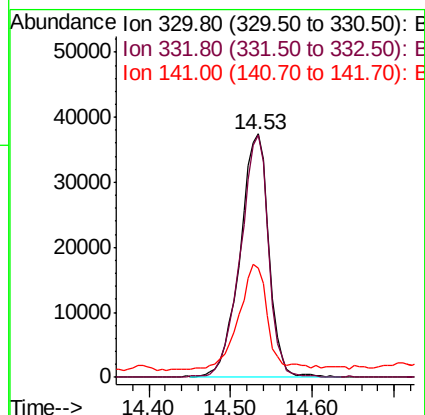
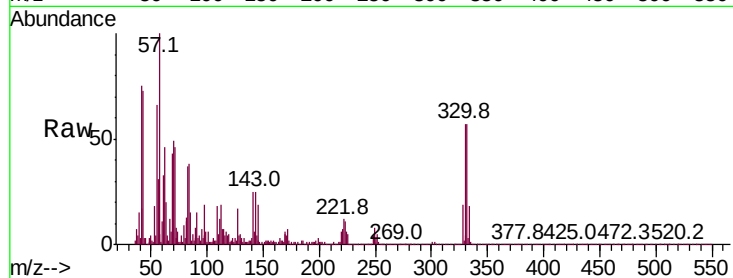
#42
 2,4,6-Tribromophenol
 Concen: 87.218 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. 0.05 min
 Lab File: BP001400.D
 Acq: 24 Dec 2019 22:04

Instrument :
 BNA_P
 ClientSampled :
 C0B40

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.3	117.5
141	44.8	26.8	40.2

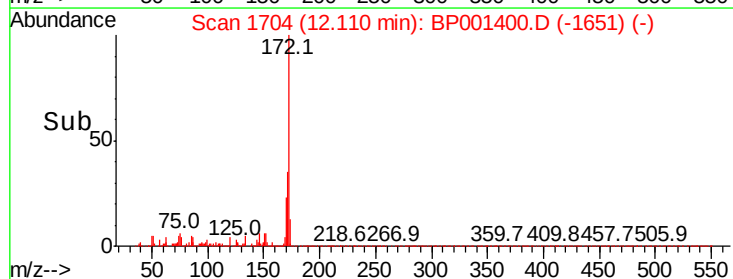
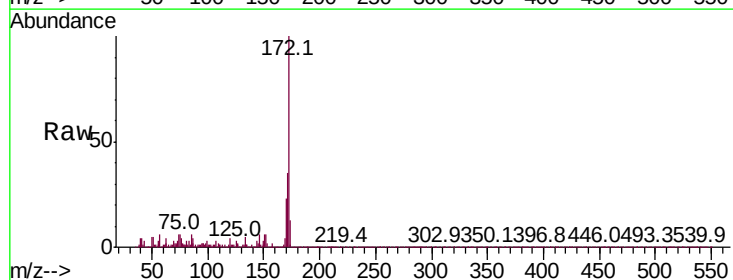
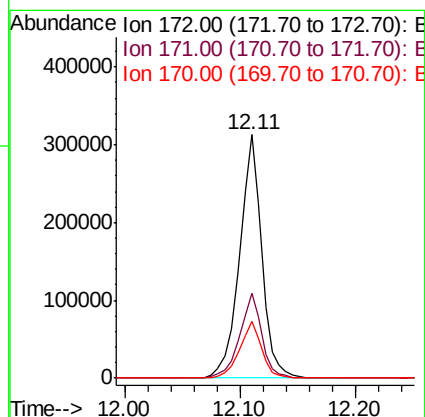
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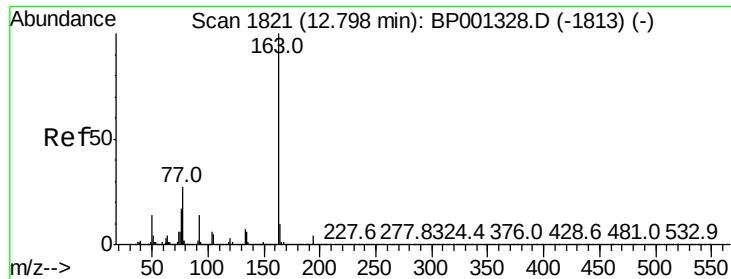
mohammad
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#45
 2-Fluorobiphenyl
 Concen: 62.285 ng
 RT: 12.11 min Scan# 1704
 Delta R.T. 0.01 min
 Lab File: BP001400.D
 Acq: 24 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.0
170	23.3	18.2	27.4





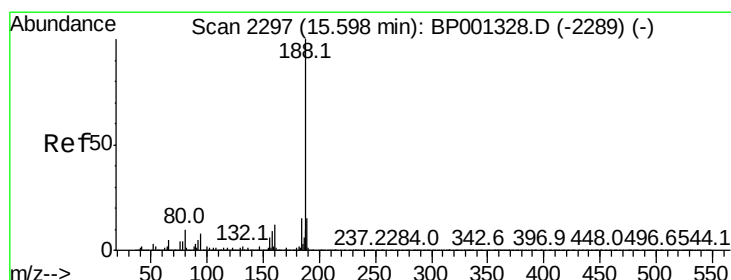
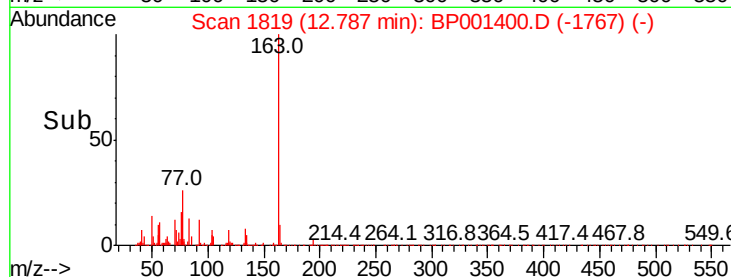
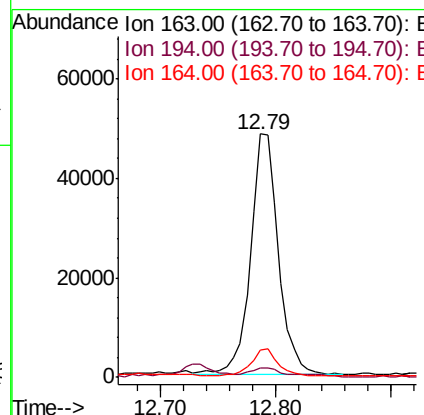
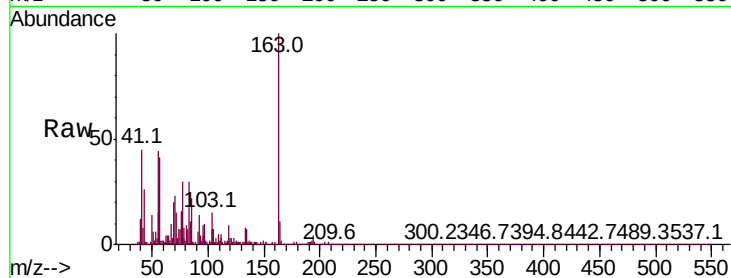
#50
Dimethylphthalate
Concen: 11.679 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Instrument :
BNA_P
ClientSampled :
C0B40

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.2	4.8
164	11.0	7.7	11.5

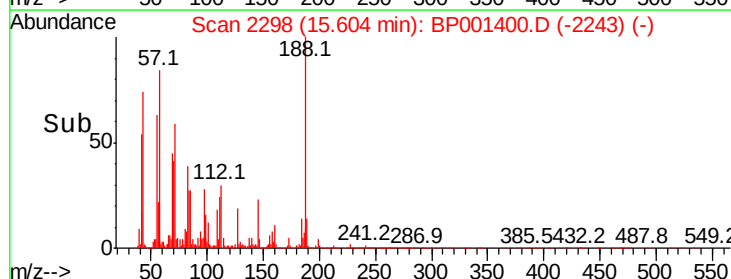
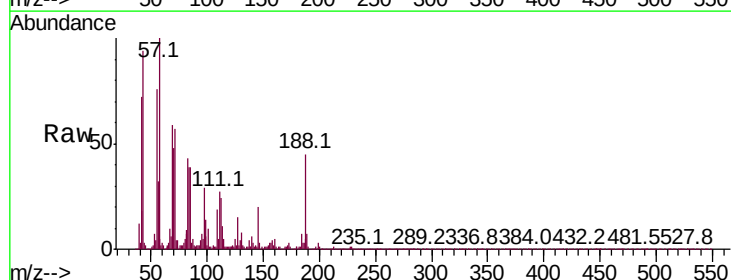
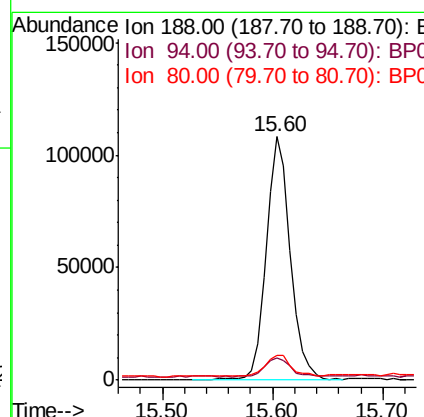
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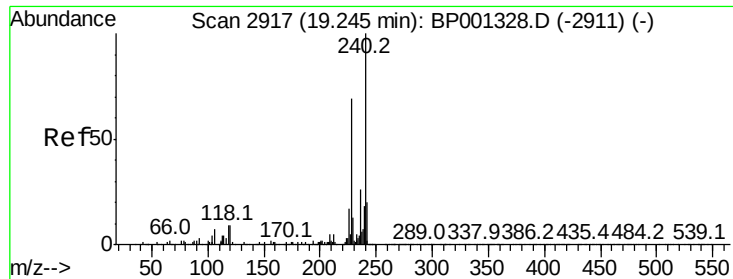
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.02 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	5.8	8.8#
80	10.3	5.7	8.5#





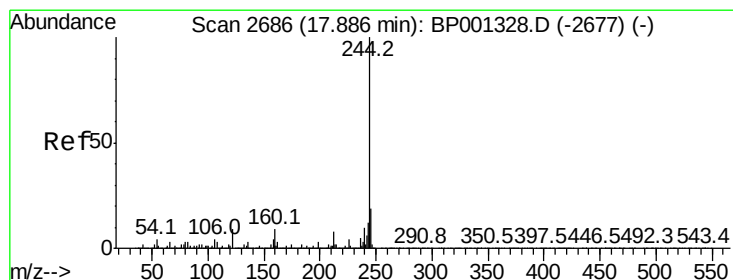
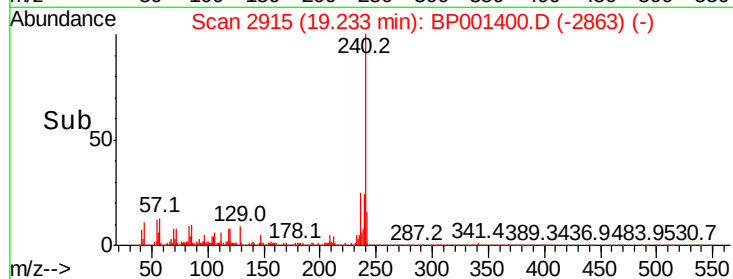
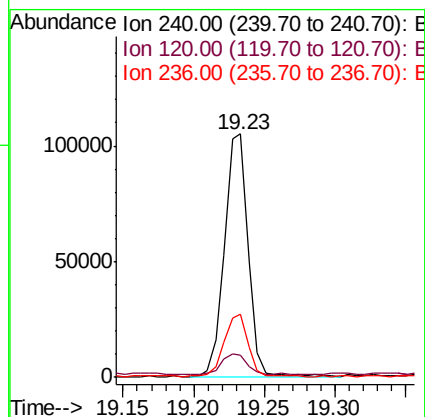
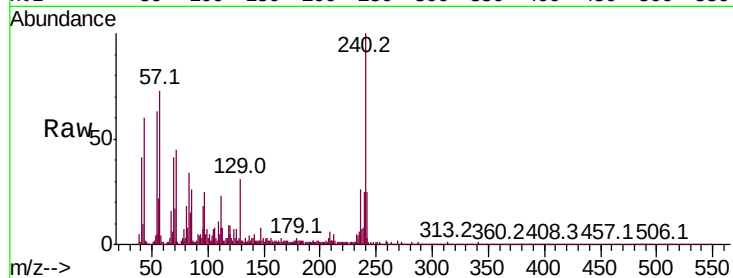
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 19.23 min Scan# 2915
 Delta R.T. 0.01 min
 Lab File: BP001400.D
 Acq: 24 Dec 2019 22:04

Instrument :
 BNA_P
 ClientSampled :
 C0B40

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.2	9.2
236	25.7	20.2	30.2

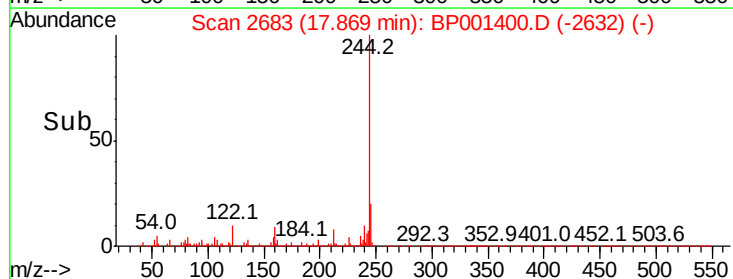
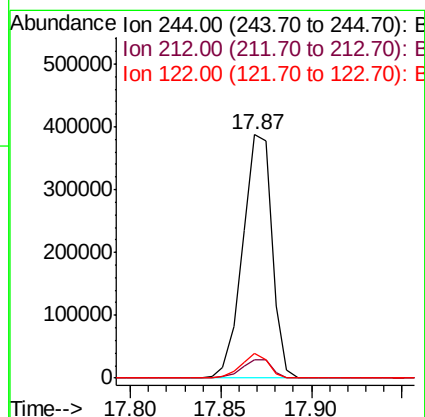
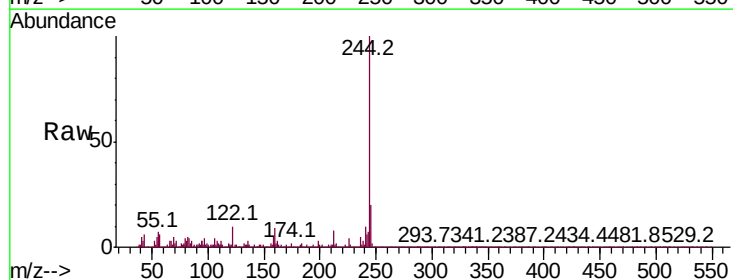
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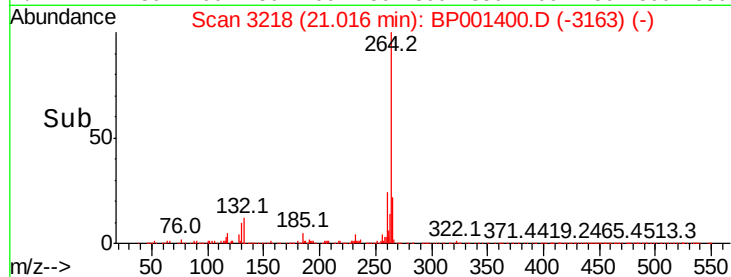
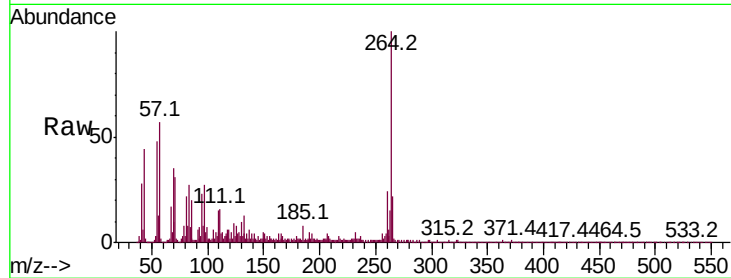
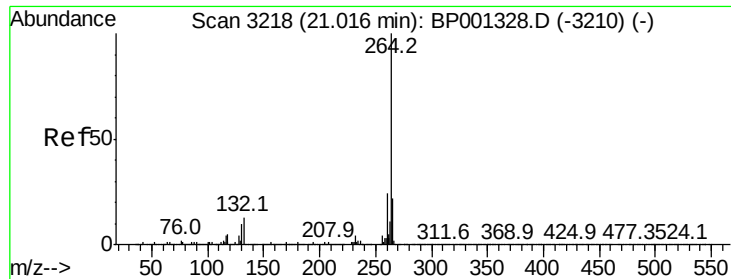
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#79
 Terphenyl-d14
 Concen: 60.039 ng
 RT: 17.87 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BP001400.D
 Acq: 24 Dec 2019 22:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	10.2	6.4	9.6#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. 0.02 min
Lab File: BP001400.D
Acq: 24 Dec 2019 22:04

Instrument :
BNA_P
ClientSampleId :
C0B40

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.2	19.0	28.4
265	22.1	17.0	25.4

Manual Integrations
APPROVED

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