

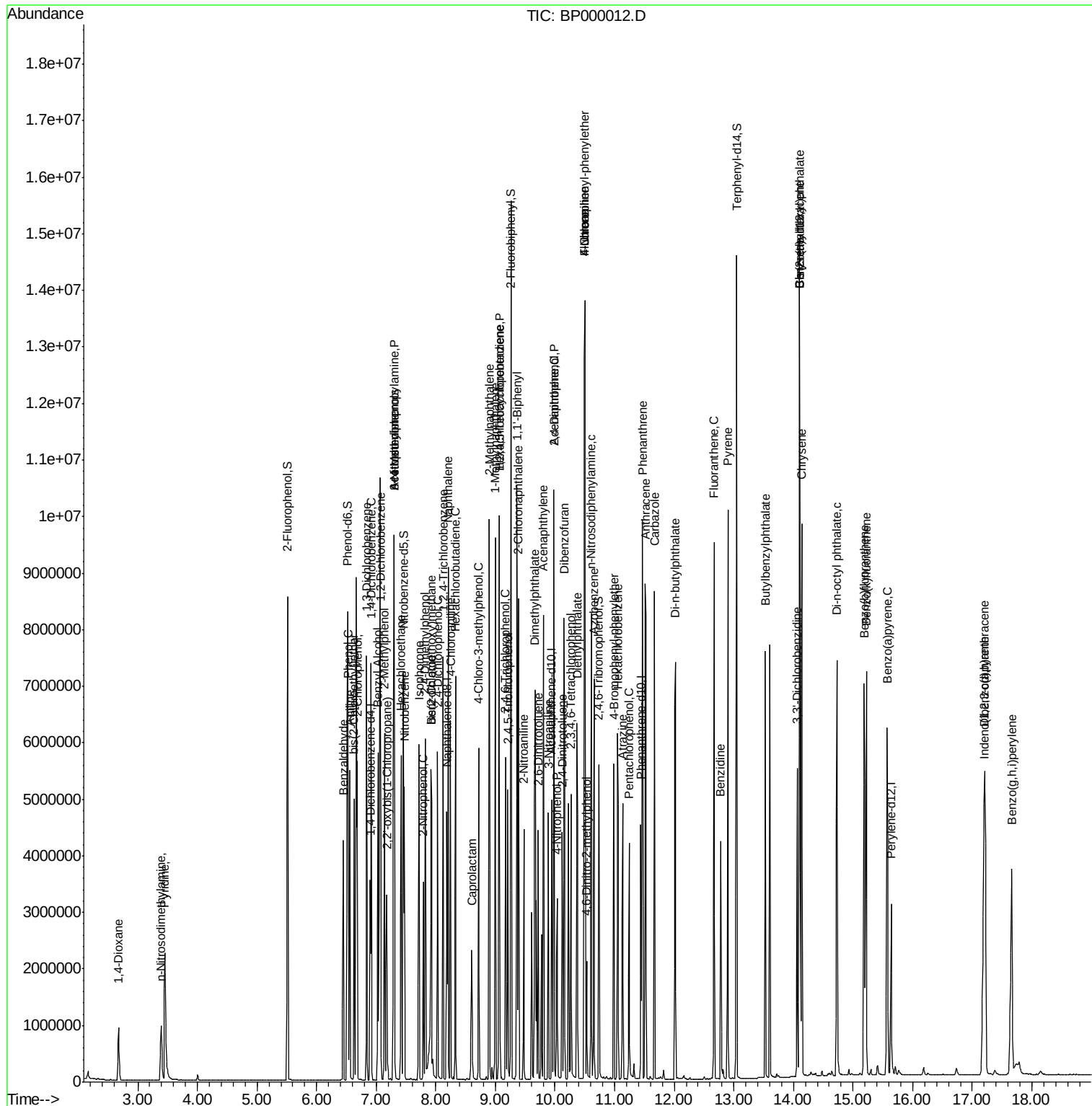
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Data Path : Z:\SV0ASRV\HPCHEM1\BNA P\DATA\BP083019\  
Data File : BP000012.D  
Acq On    : 30 Aug 2019  18:35  
Operator  : HP/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
```

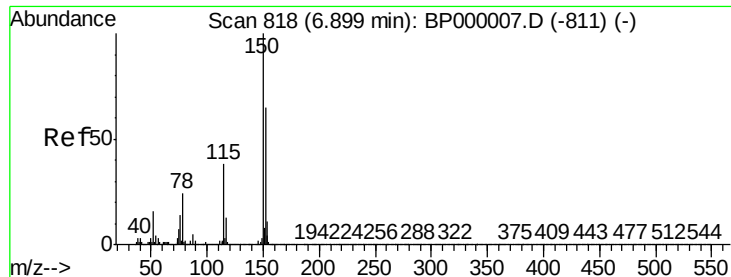
Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Manual Integrations APPROVED

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9/4/2019 1:47:07 PM

Quant Time: Aug 30 19:11:19 2019
Quant Method : Z:\SV0ASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration





#1

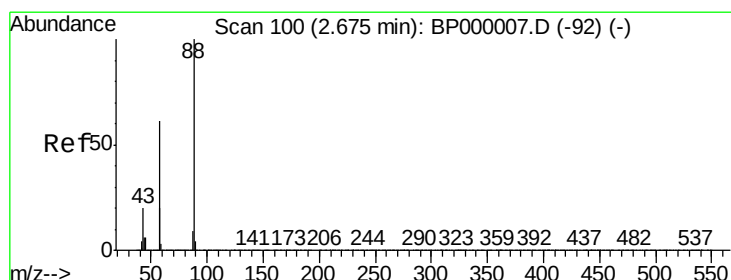
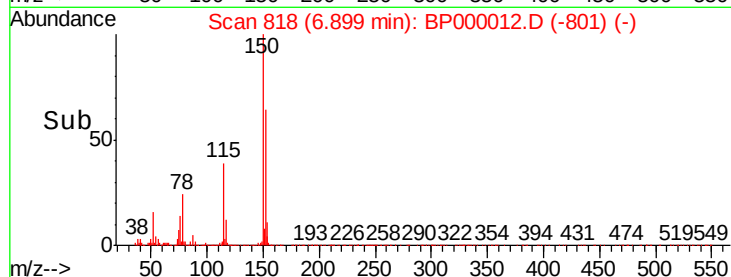
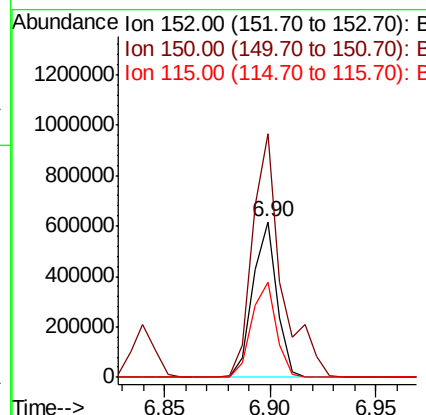
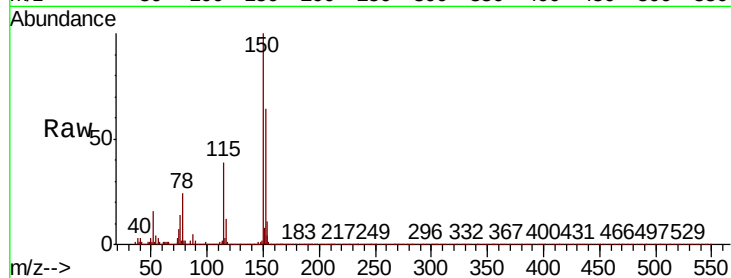
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.0	184.6
115	60.8	46.7	70.1

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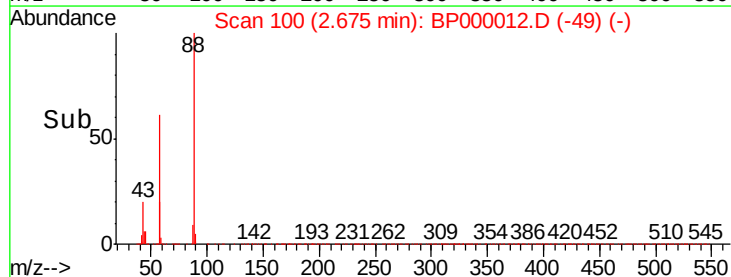
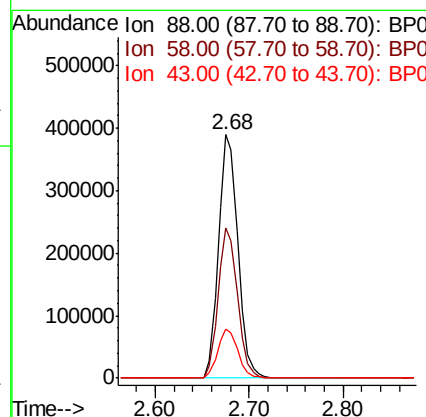
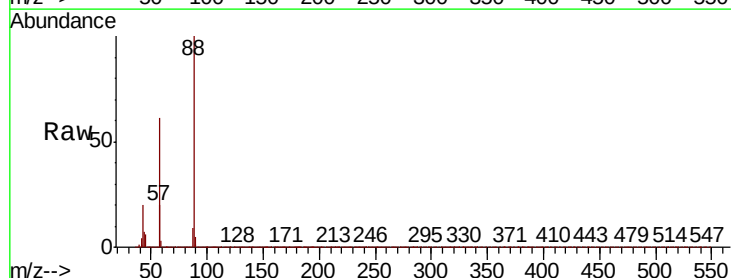
mohammad
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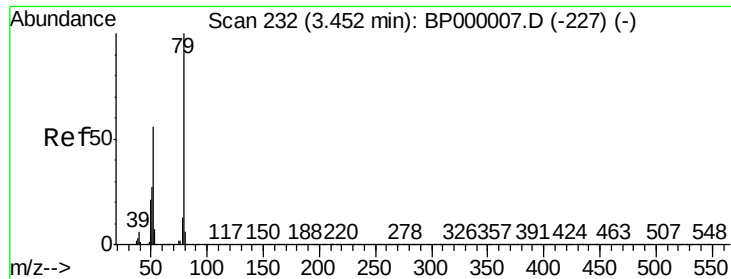


#2

1,4-Dioxane
Concen: 39.961 ng
RT: 2.68 min Scan# 100
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	49.8	74.8
43	20.5	16.9	25.3





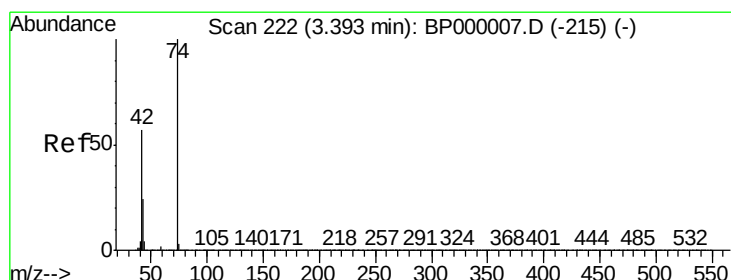
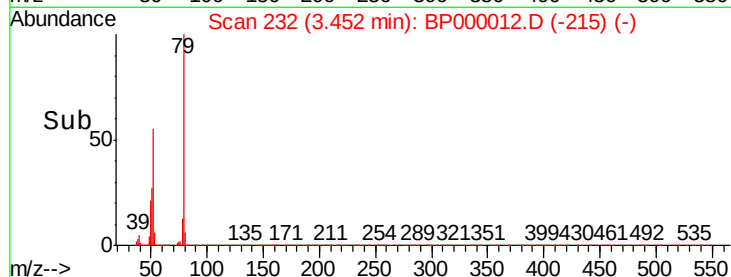
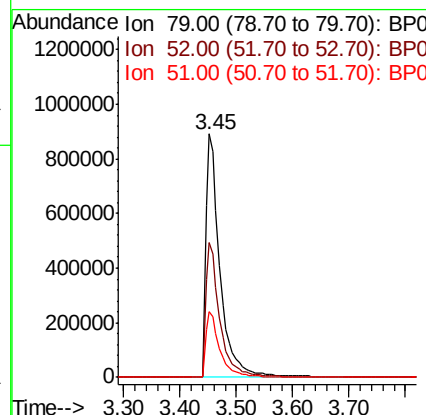
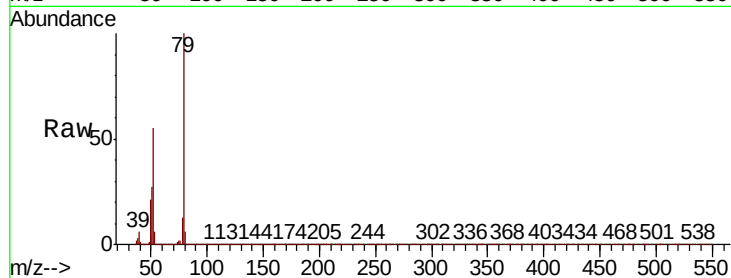
#3
 Pvridine
 Concen: 41.012 ng
 RT: 3.45 min Scan# 232
 Delta R.T. -0.00 min
 Lab File: BP000012.D
 Acq: 30 Aug 2019 18:35

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP083019

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.4	44.5	66.7
51	27.1	21.8	32.6

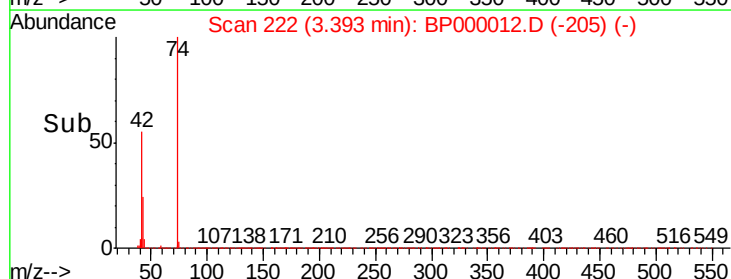
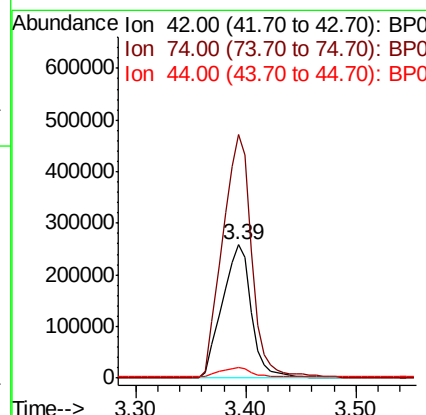
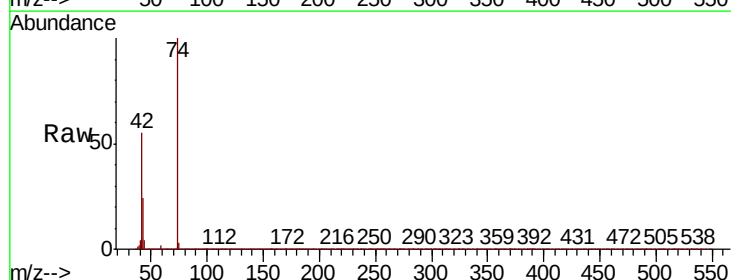
Manual Integrations
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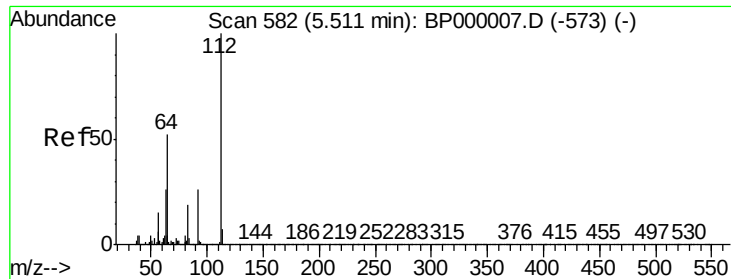
mohammad
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#4
 n-Nitrosodimethylamine
 Concen: 38.528 ng
 RT: 3.39 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: BP000012.D
 Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	182.5	139.9	209.9
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 82.408 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

ClientSampleId :

ICVBP083019

Tot Ion:112 Resp: 2526625

Ion Ratio Lower Upper

112 100

64 52.0 41.8 62.8

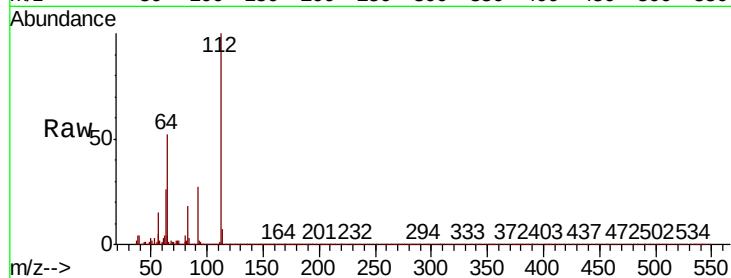
63 25.9 21.0 31.4

Manual Integrations

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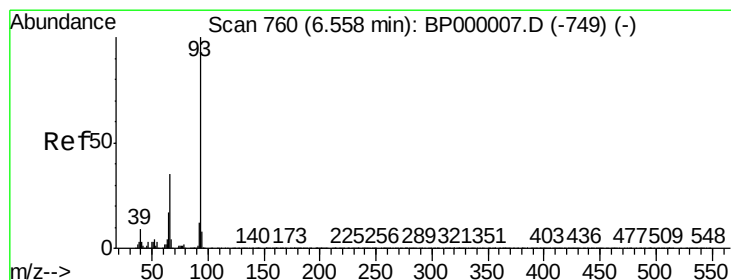
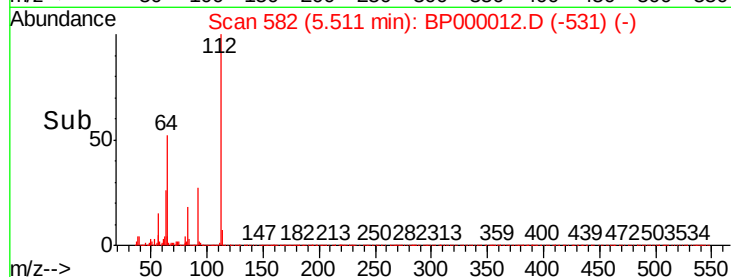
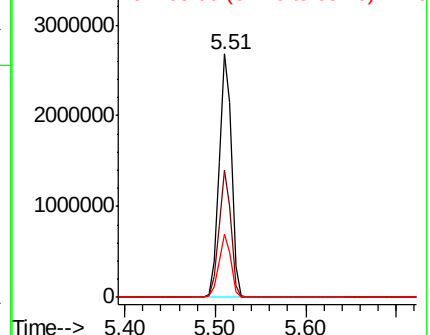
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 39.729 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

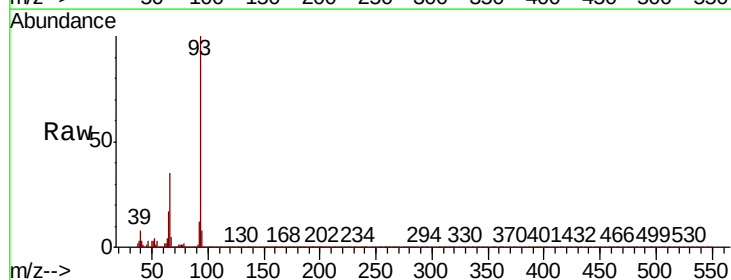
Tgt Ion: 93 Resp: 2225467

Ion Ratio Lower Upper

93 100

66 35.1 27.8 41.8

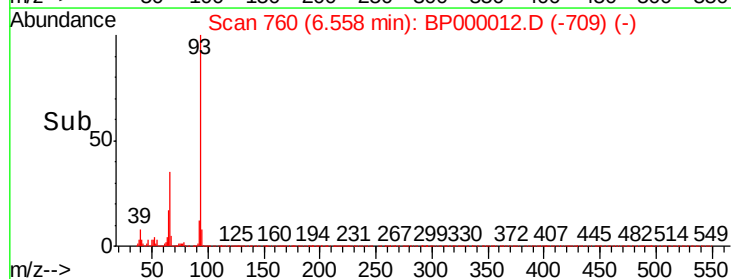
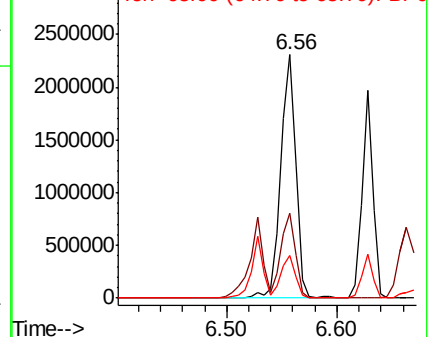
65 17.4 13.9 20.9

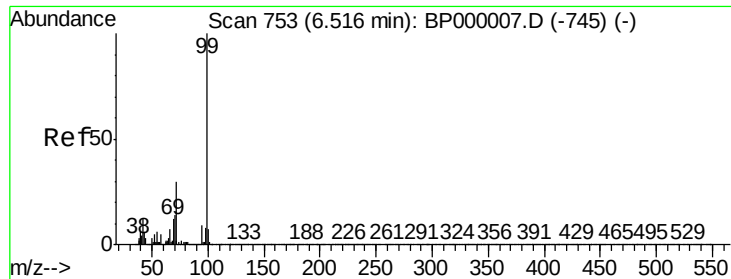


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 80.642 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

ClientSampleId :

ICVBP083019

Tot Ion: 99 Resp: 3121282

Ion Ratio Lower Upper

99 100

42 12.3 9.8 14.8

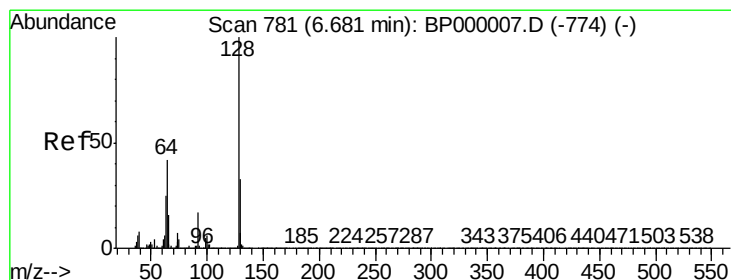
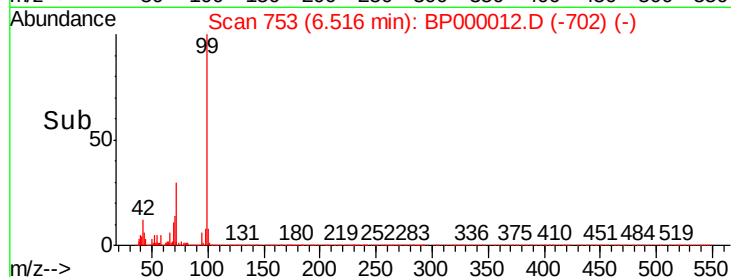
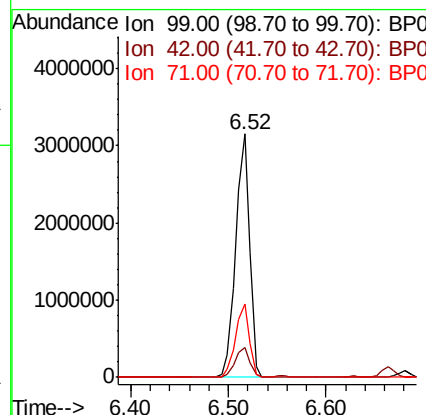
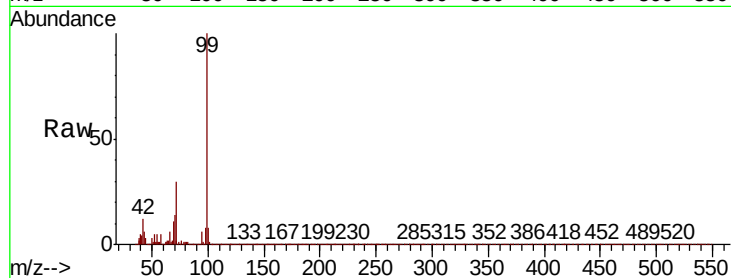
71 30.1 23.8 35.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.329 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

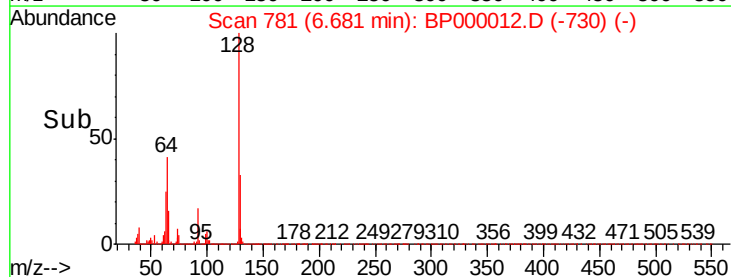
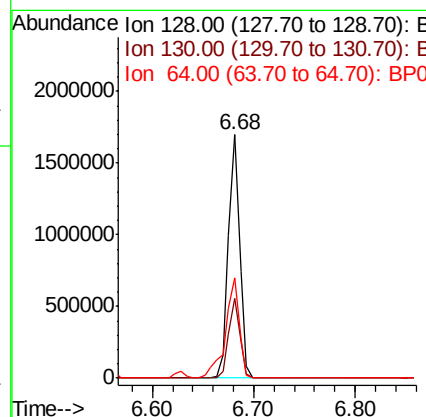
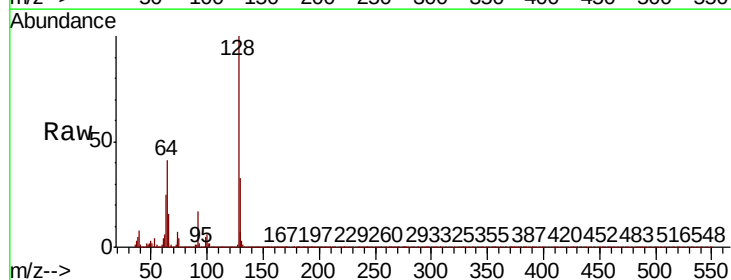
Tgt Ion: 128 Resp: 1310239

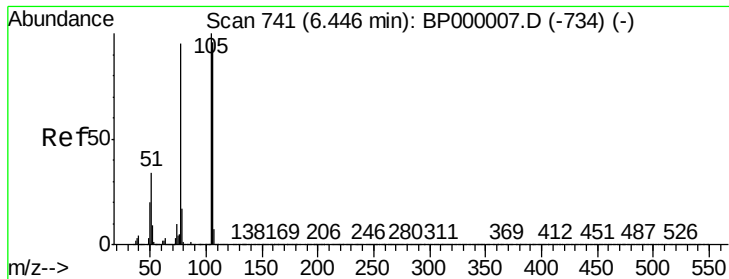
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 41.4 22.0 62.0





#9

Benzaldehyde

Concen: 35.878 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

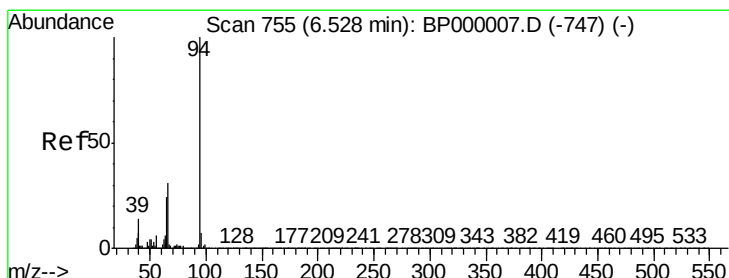
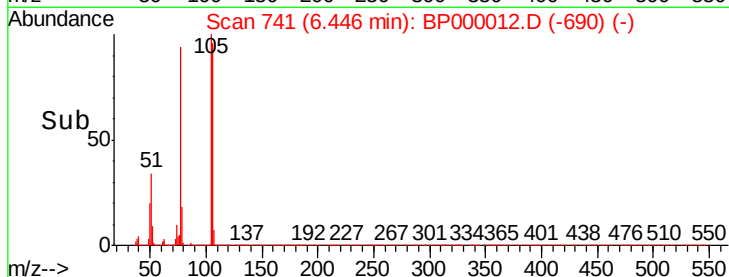
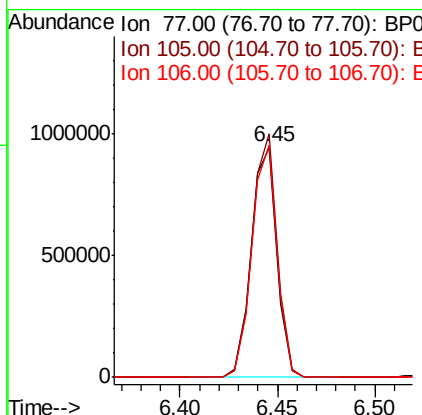
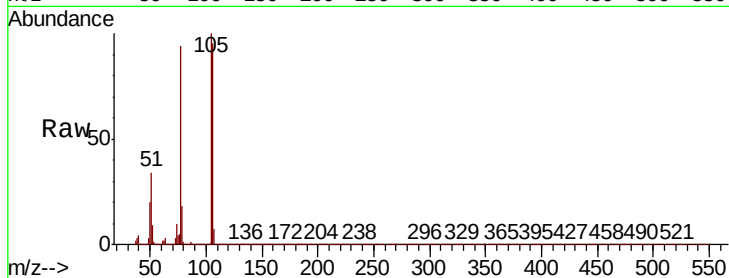
ClientSampleId :

ICVBP083019

Tot Ion:	77	Resp:	856336
Ion	Ratio	Lower	Upper
77	100		
105	106.0	85.1	125.1
106	101.2	80.8	120.8

Manual Integrations
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#10

Phenol

Concen: 39.427 ng

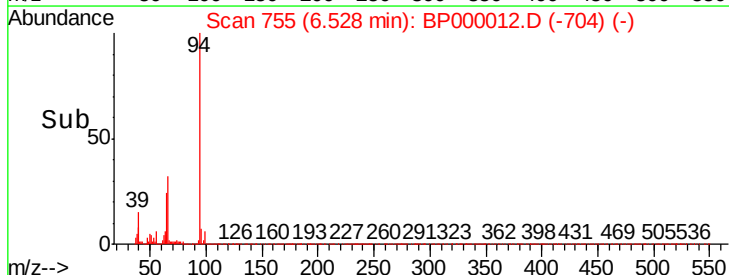
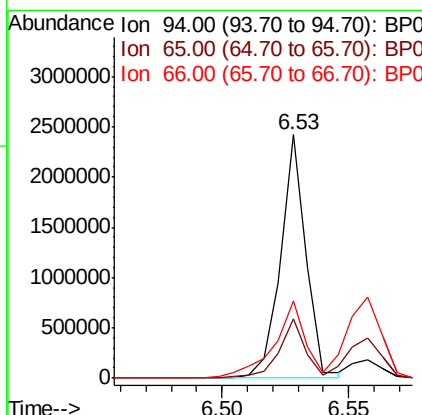
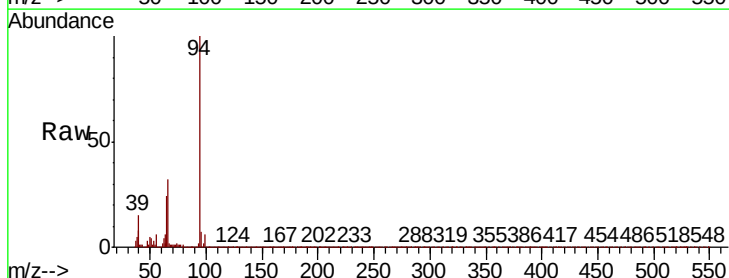
RT: 6.53 min Scan# 755

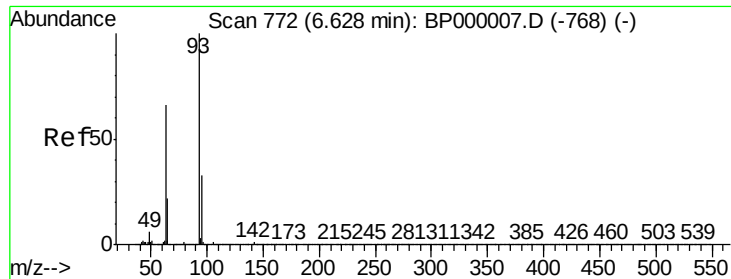
Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Tgt Ion:	94	Resp:	1695495
Ion	Ratio	Lower	Upper
94	100		
65	24.2	4.1	44.1
66	31.7	11.4	51.4





#11

bis(2-Chloroethyl)ether

Concen: 39.938 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

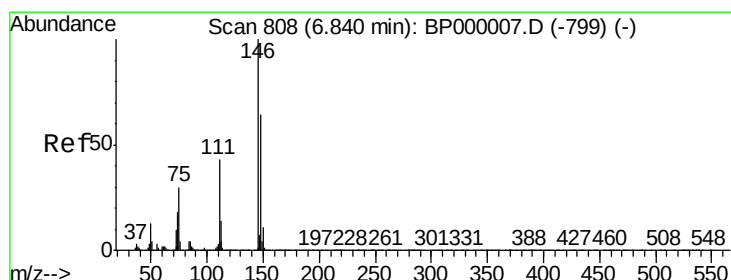
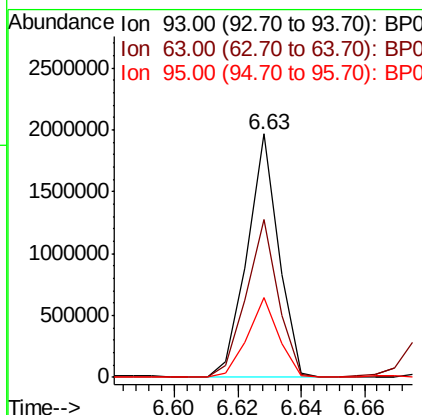
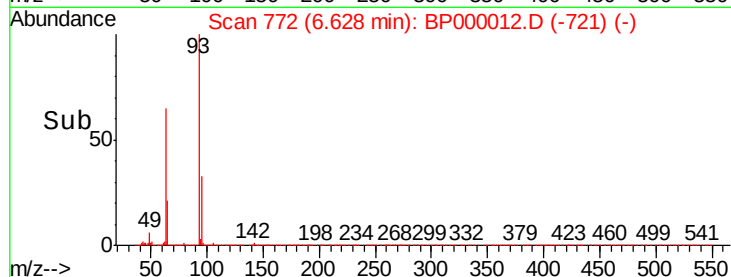
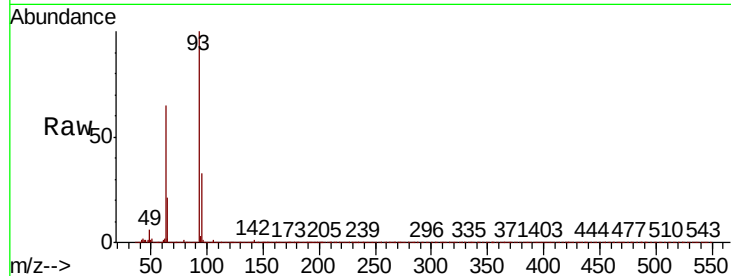
ClientSampleId :

ICVBP083019

Tot Ion:	93	Resp:	1356736
Ion	Ratio	Lower	Upper
93	100		
63	64.6	46.0	86.0
95	32.5	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 40.940 ng

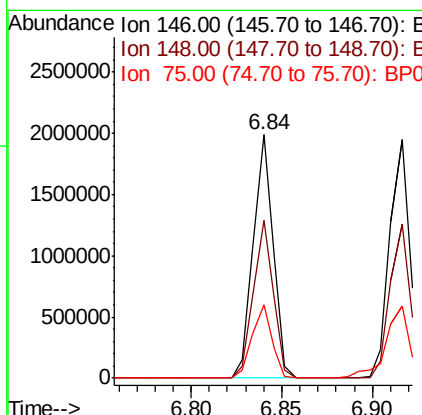
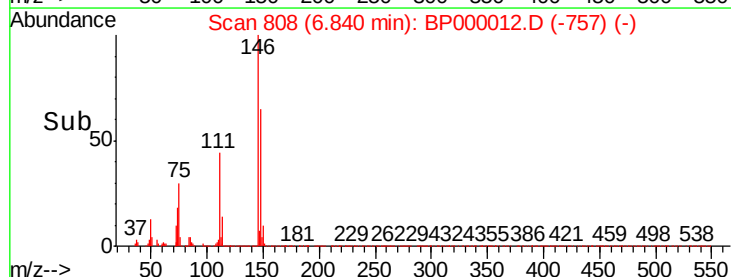
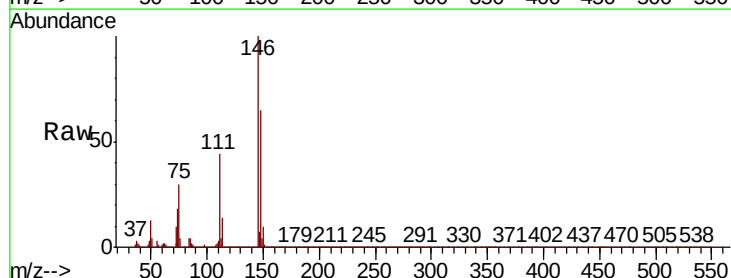
RT: 6.84 min Scan# 808

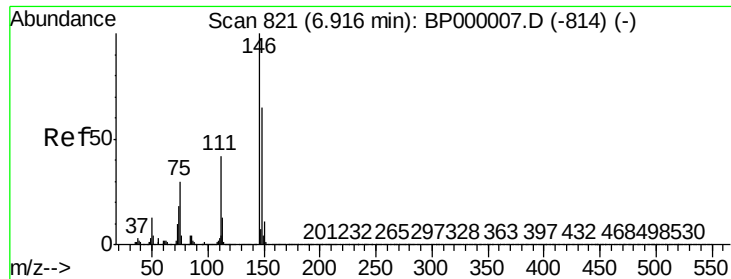
Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Tgt Ion:	146	Resp:	1513886
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
75	30.0	24.0	36.0





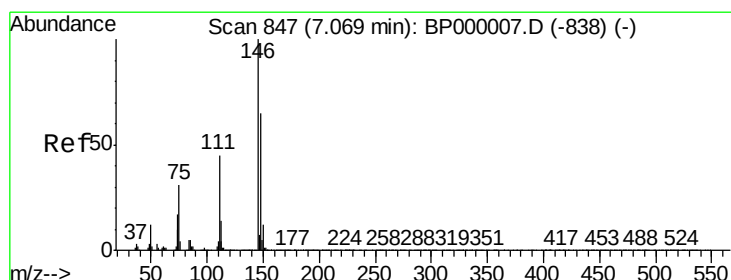
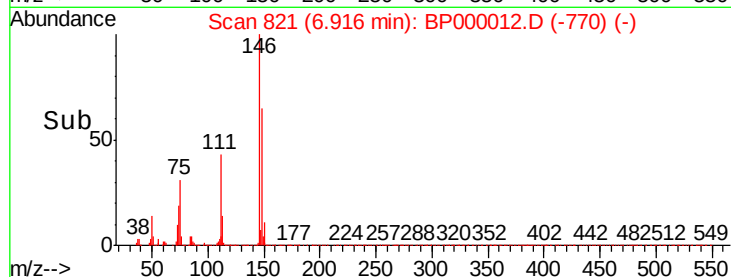
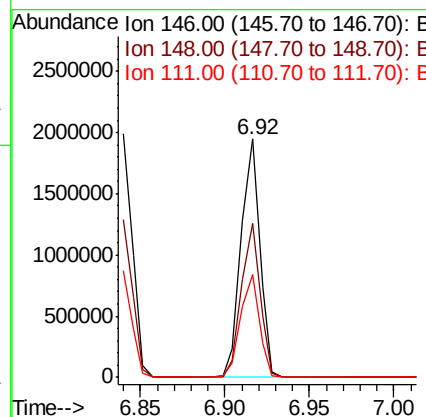
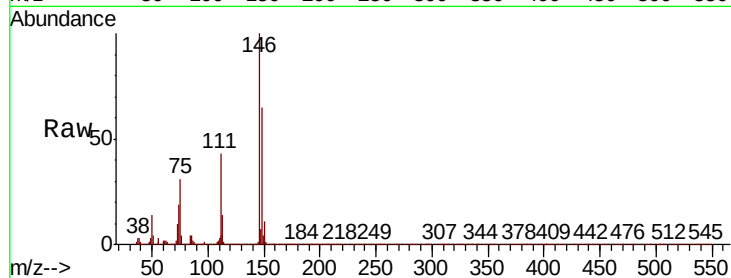
#13
1,4-Dichlorobenzene
Concen: 40.777 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampled :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	43.2	33.4	50.0

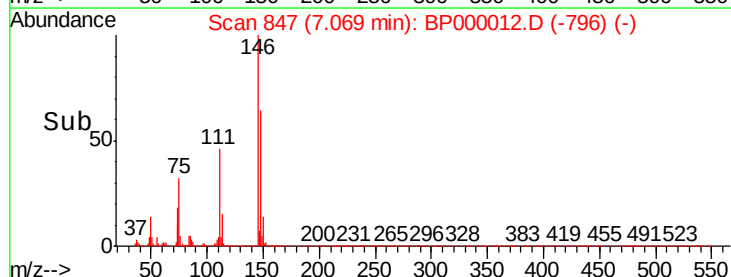
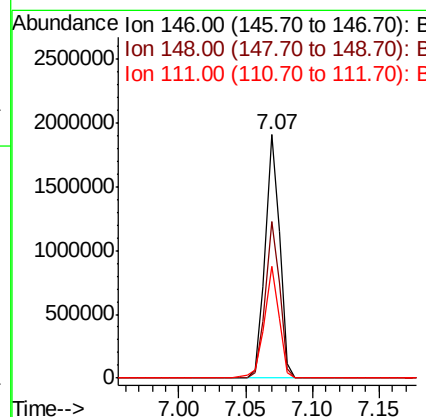
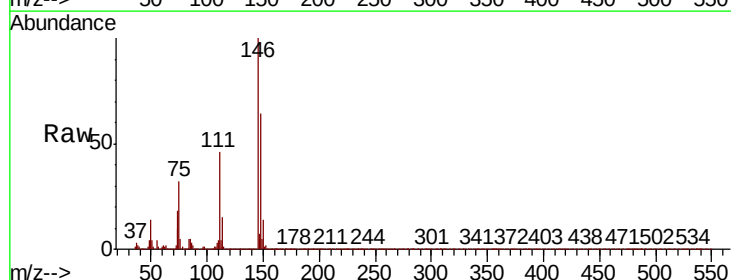
Manual Integrations
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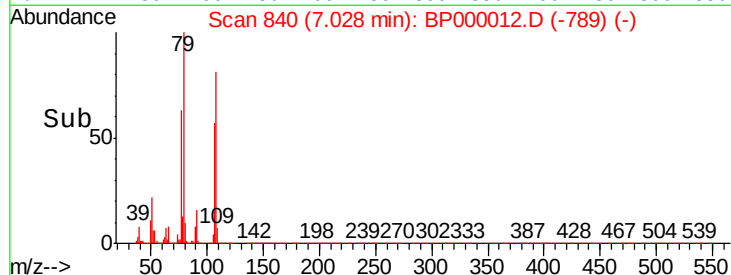
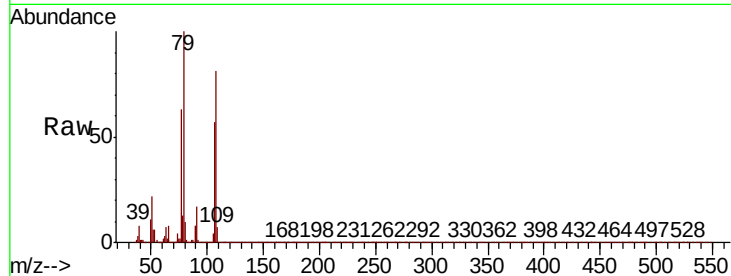
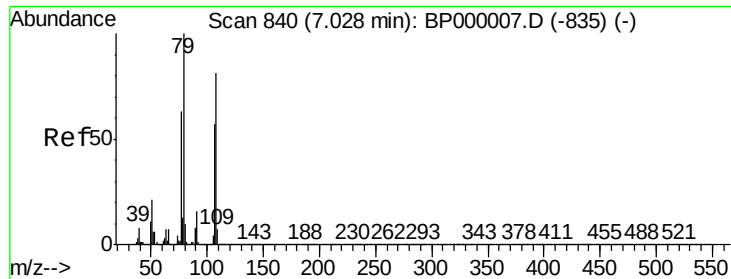
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.186 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
111	46.1	36.4	54.6





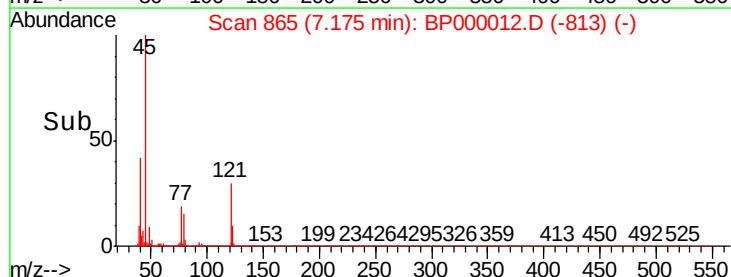
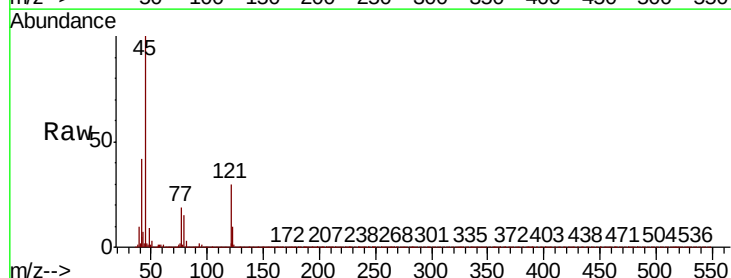
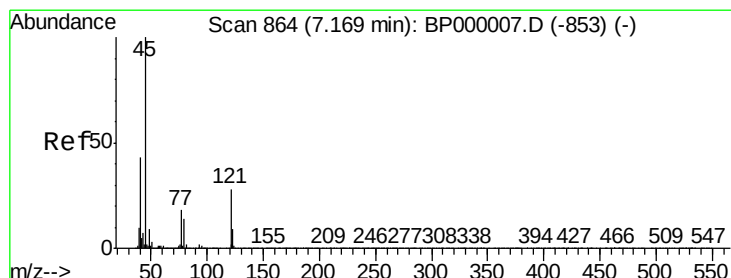
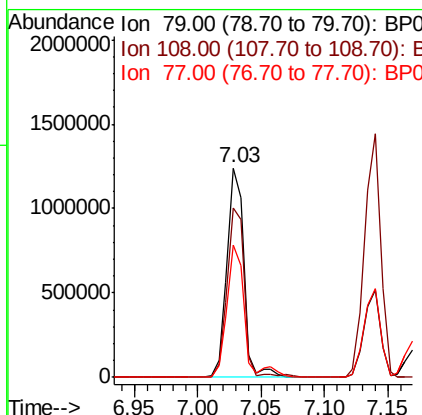
#15
Benzyl Alcohol
Concen: 40.526 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	64.5	96.7
77	63.0	50.3	75.5

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

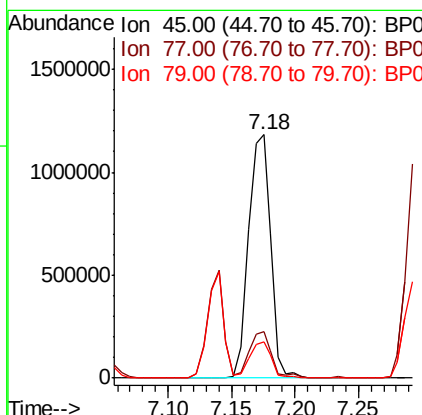
Manual Integrations
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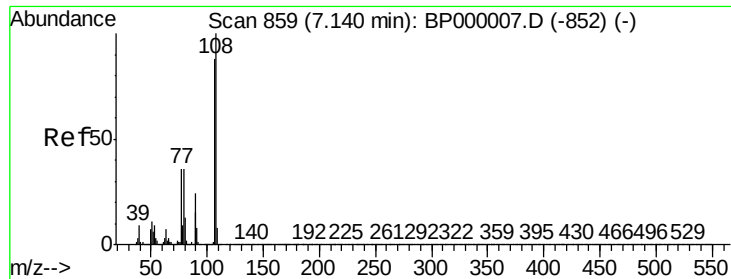
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.429 ng
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	38.0
79	14.9	0.0	33.9





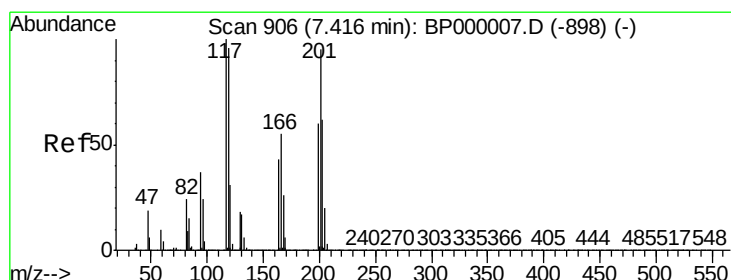
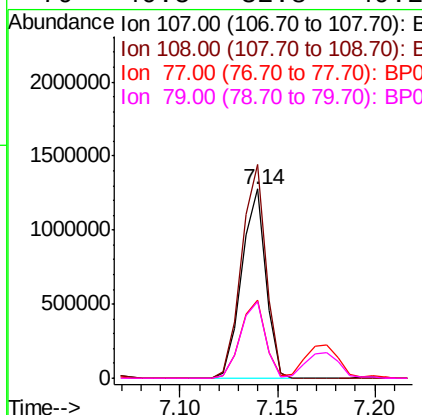
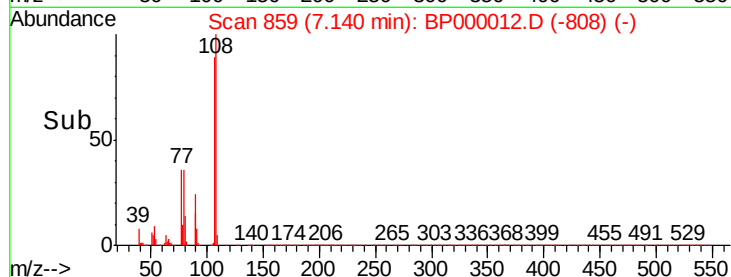
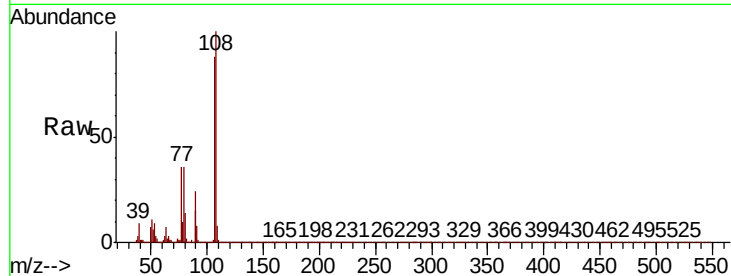
#17
2-Methylphenol
Concen: 40.463 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.9	136.3
77	41.2	33.2	49.8
79	40.5	32.8	49.2

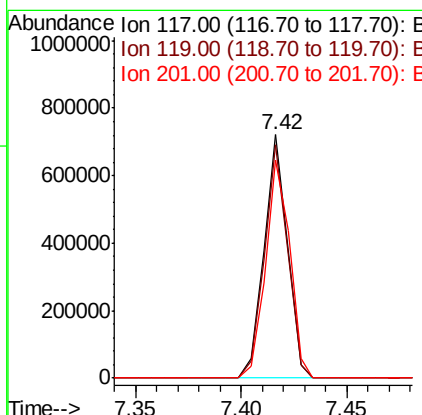
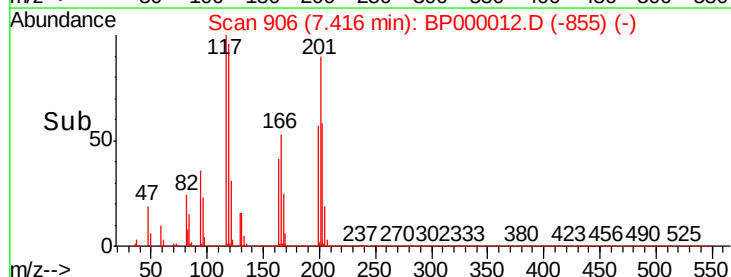
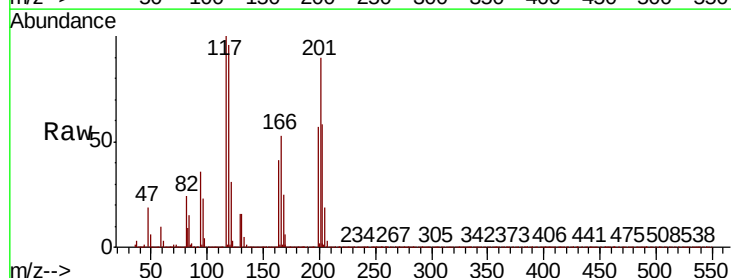
Manual Integrations
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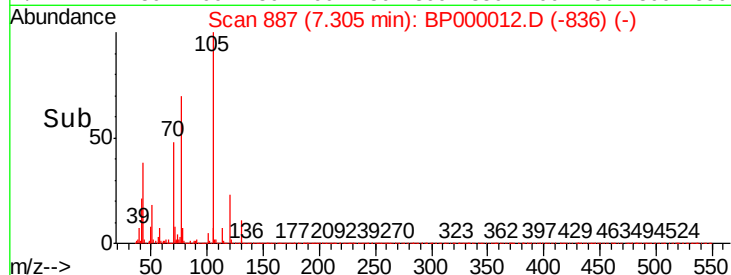
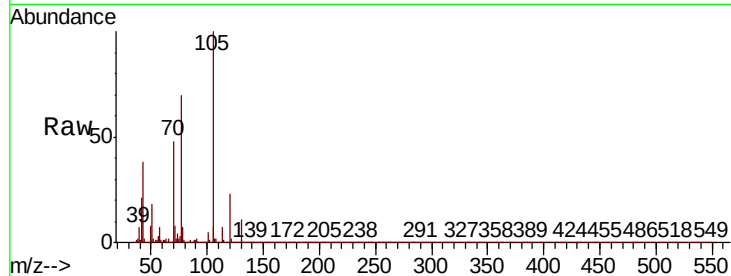
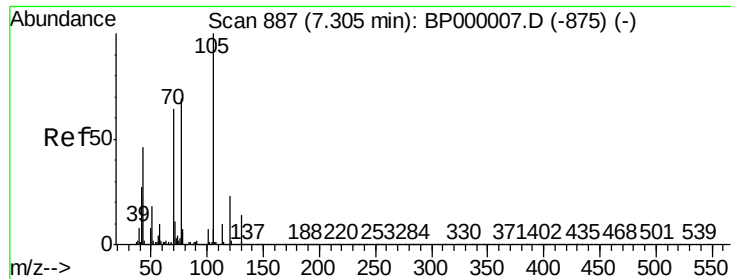
mohammad
9/4/2019 1:47:07 PM



#18
Hexachloroethane
Concen: 40.734 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.6
201	89.5	76.2	114.4





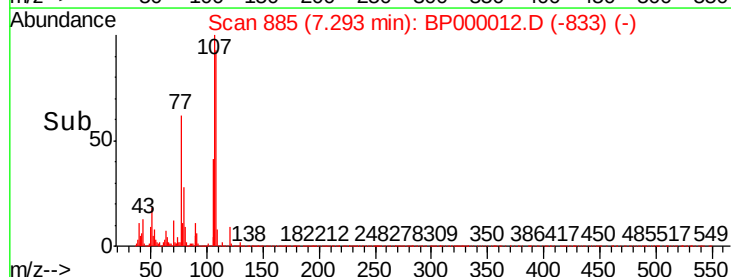
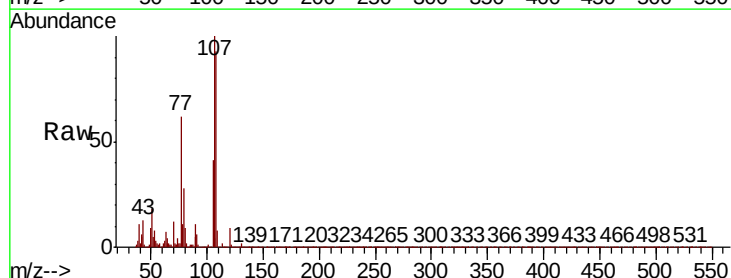
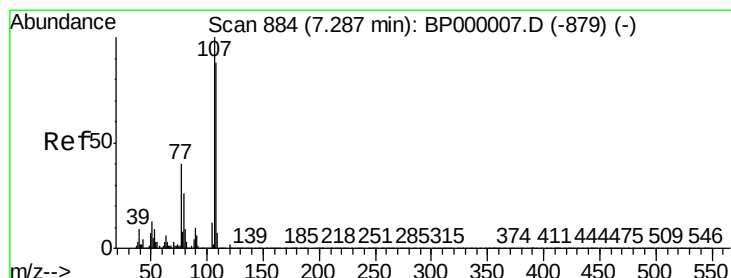
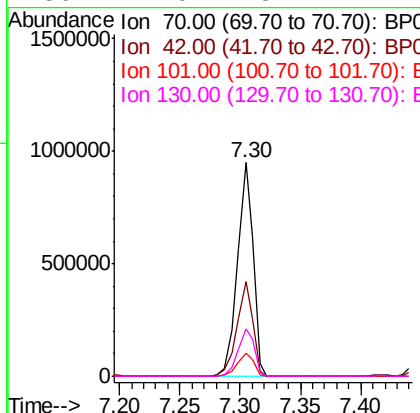
#19
n-Nitroso-di-n-propylamine
Concen: 39.145 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	33.8	50.6
101	11.0	8.7	13.1
130	22.0	18.1	27.1

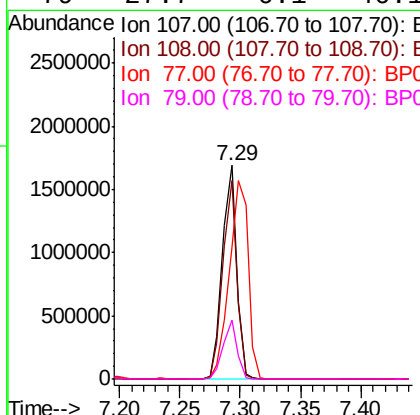
Manual Integrations
APPROVED

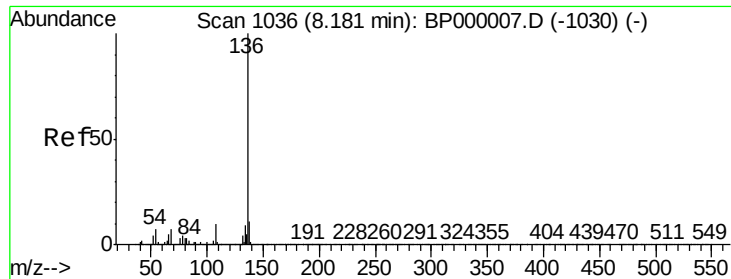
mohammad
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#20
3+4-Methylphenols
Concen: 40.990 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.1	108.1
77	61.7	19.8	59.8
79	27.7	6.1	46.1





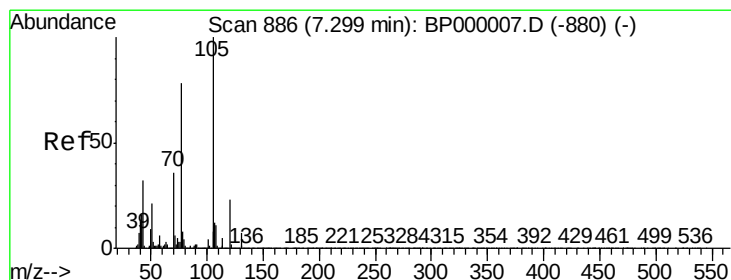
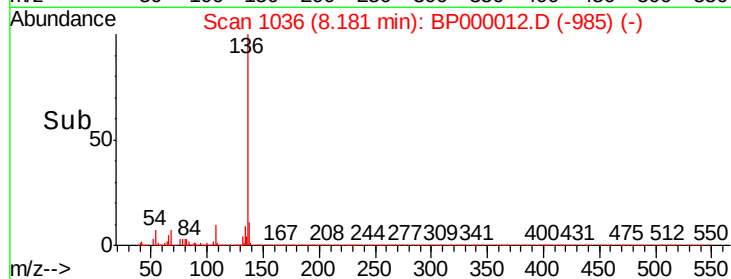
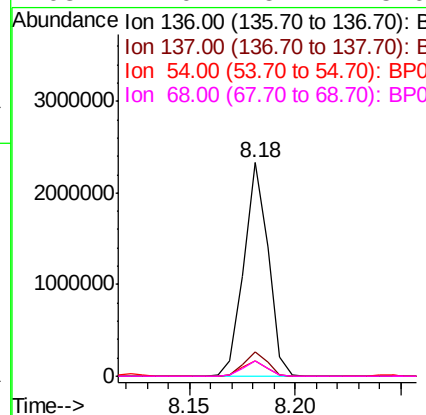
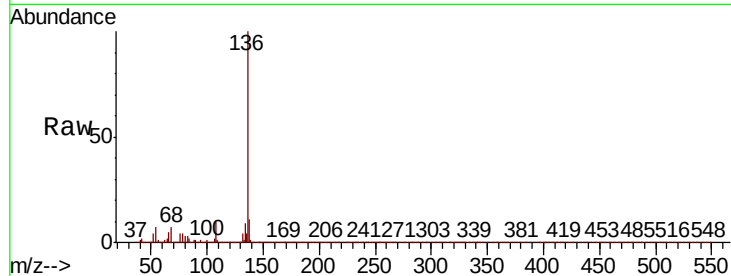
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1841549		
137	11.3	8.6	13.0		
54	7.1	5.4	8.2		
68	7.0	5.4	8.0		

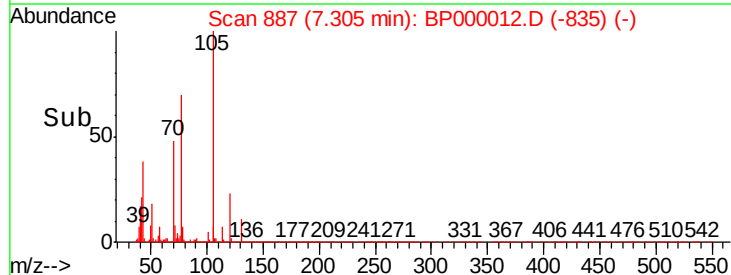
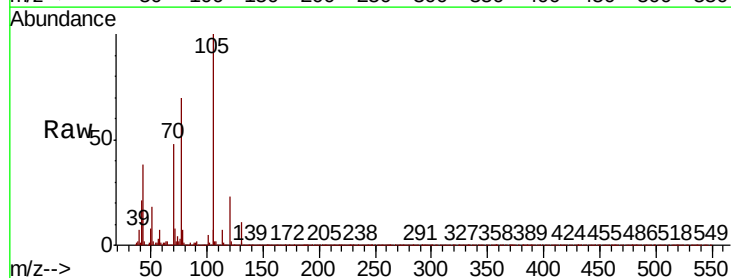
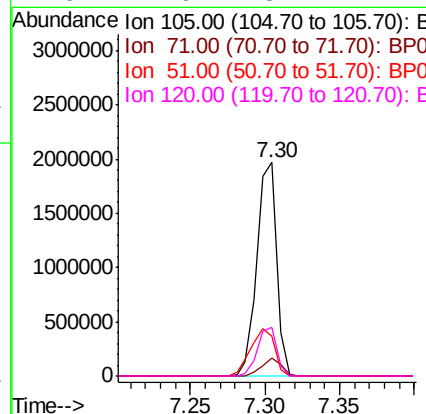
Manual Integrations
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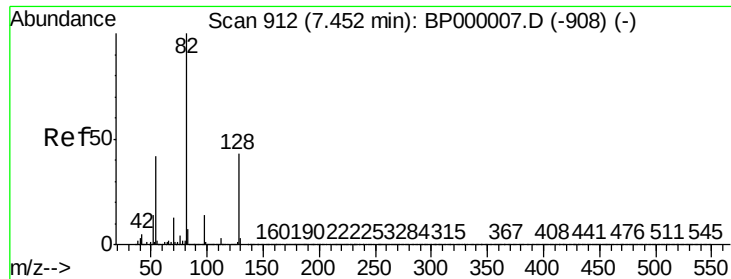
mohammad
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#22
Acetophenone
Concen: 40.575 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1789740		
71	8.3	4.8	7.2#		
51	18.3	17.0	25.4		
120	22.9	18.1	27.1		





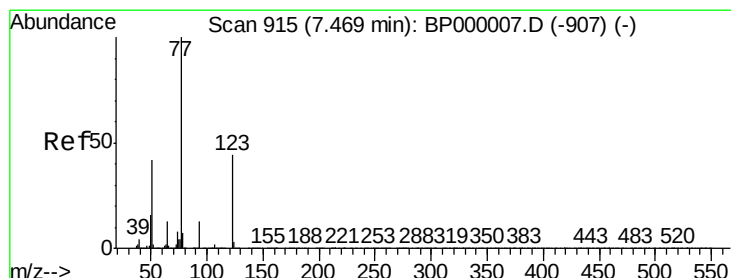
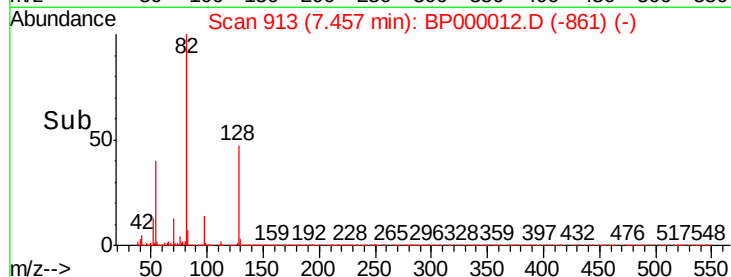
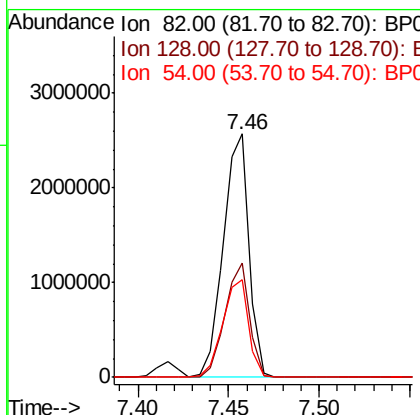
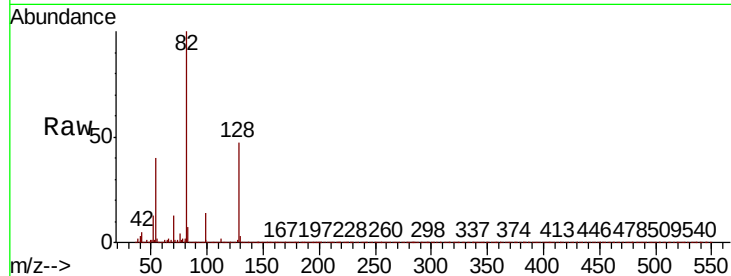
#23
 Nitrobenzene-d5
 Concen: 83.956 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BP000012.D
 Acq: 30 Aug 2019 18:35

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP083019

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.5	51.7
54	40.2	33.2	49.8

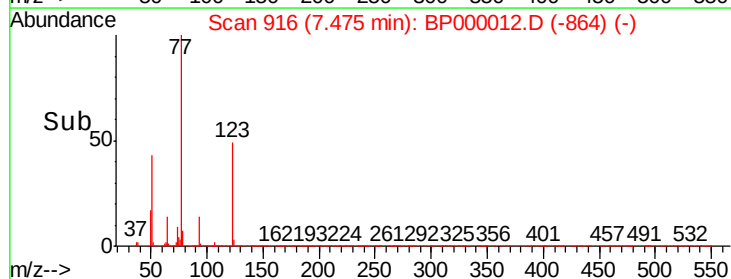
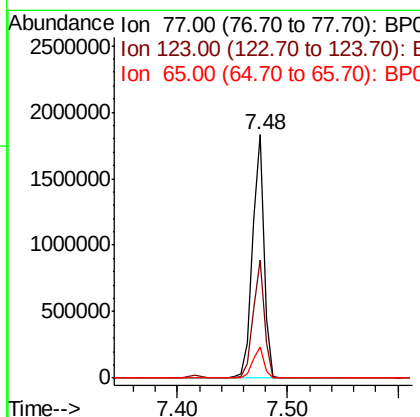
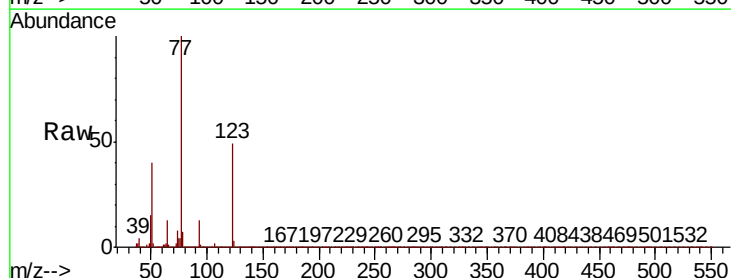
Manual Integrations
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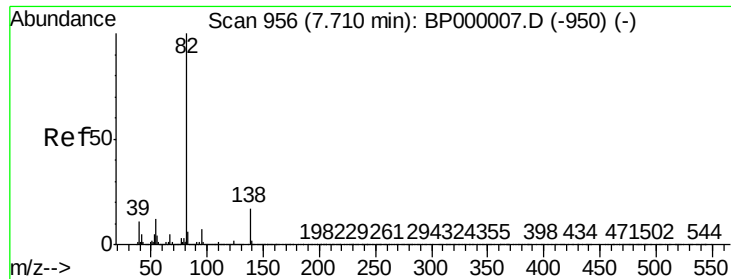
mohammad
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#24
 Nitrobenzene
 Concen: 41.140 ng
 RT: 7.48 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BP000012.D
 Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	35.8	53.8
65	12.5	10.1	15.1





#25

Isophorone

Concen: 39.265 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

ClientSampleId :

ICVBP083019

Tot Ion: 82 Resp: 2489933

Ion Ratio Lower Upper

82 100

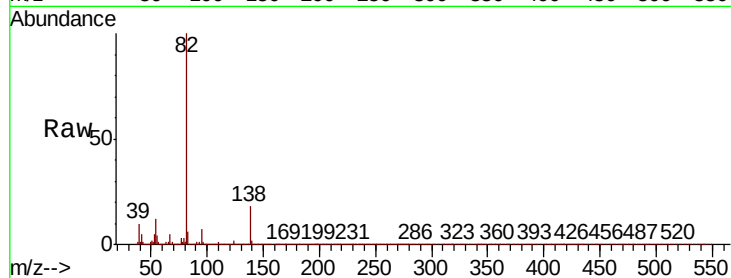
95 7.1 5.6 8.4

138 18.4 13.8 20.6

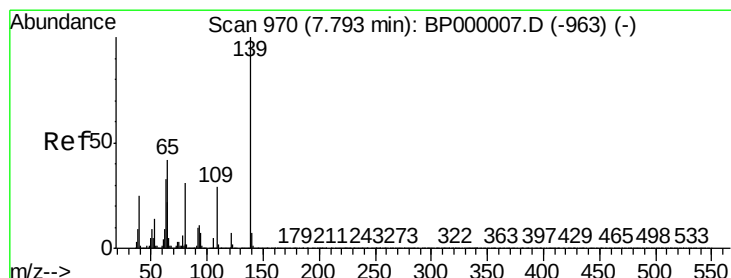
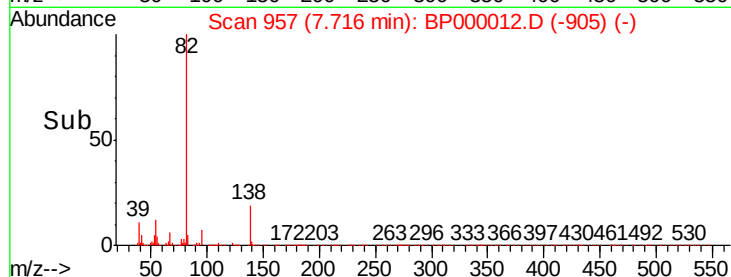
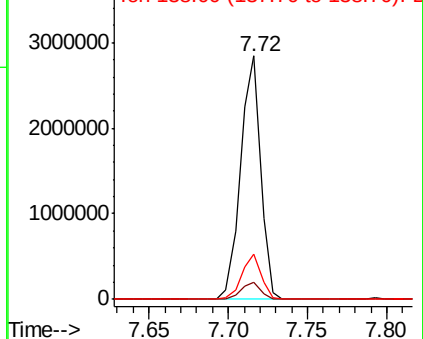
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Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 45.331 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

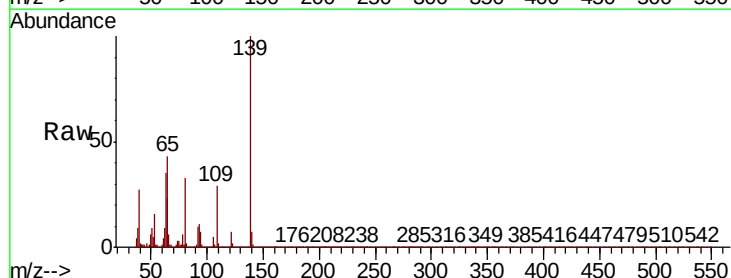
Tgt Ion: 139 Resp: 573974

Ion Ratio Lower Upper

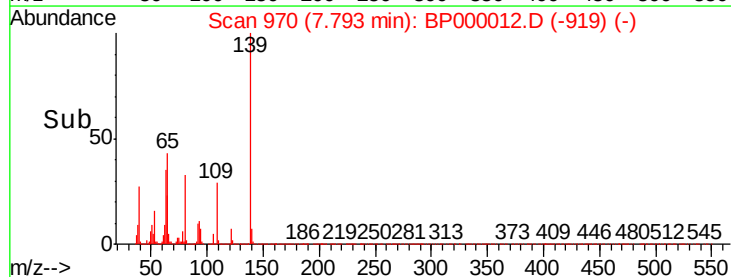
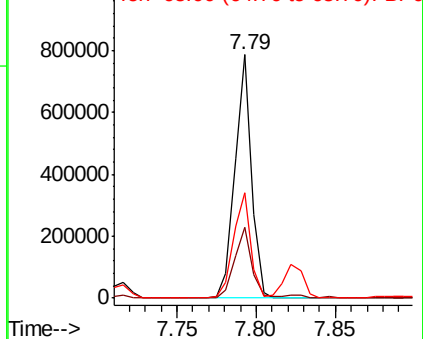
139 100

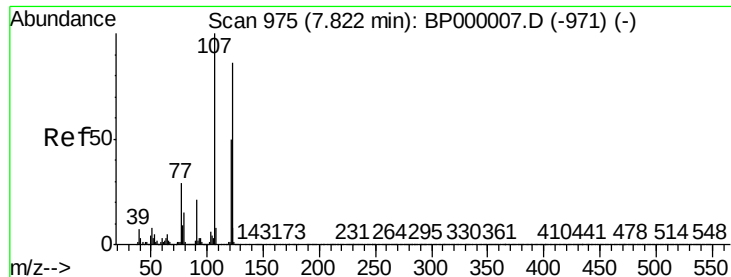
109 28.9 23.4 35.0

65 43.2 33.4 50.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0





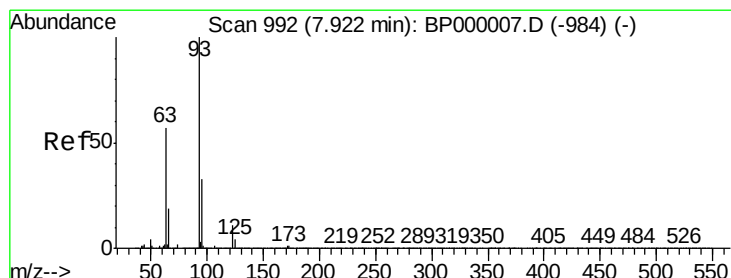
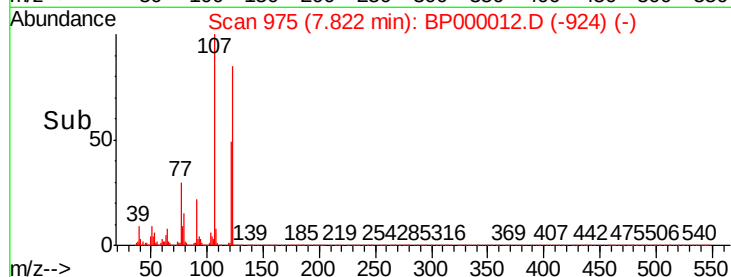
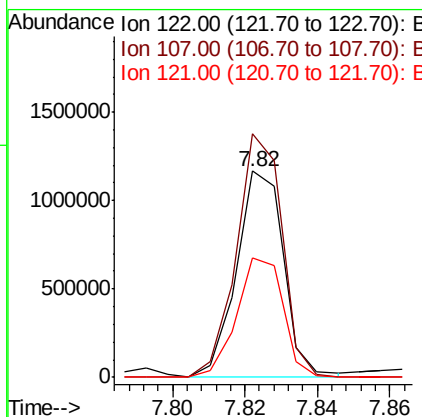
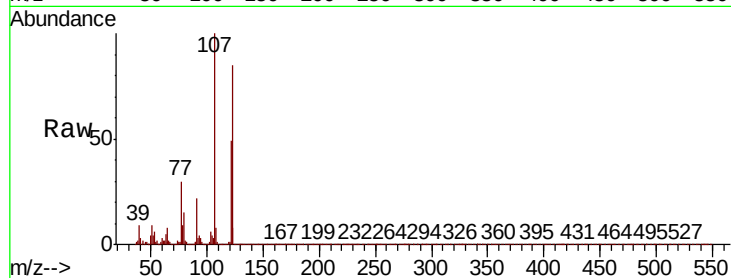
#27
2,4-Dimethylphenol
Concen: 40.726 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.9	92.9	139.3
121	58.0	46.8	70.2

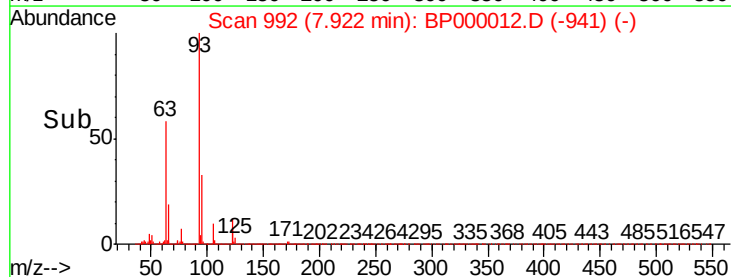
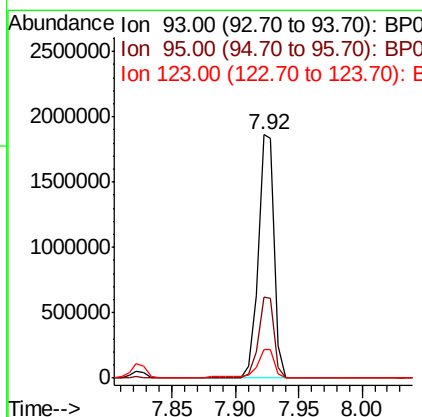
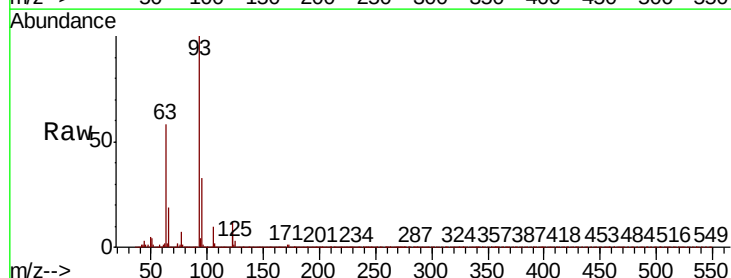
Manual Integrations
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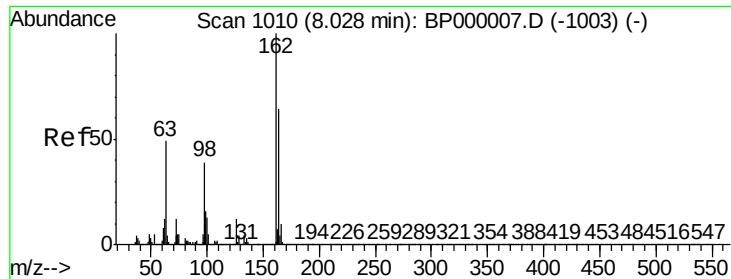
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.075 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.1	39.1
123	11.6	9.0	13.4





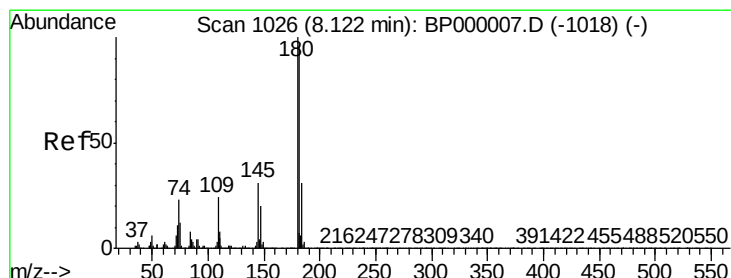
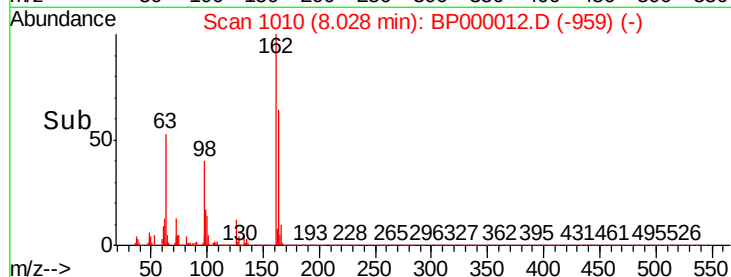
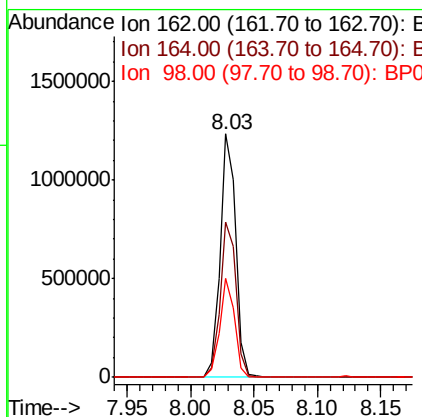
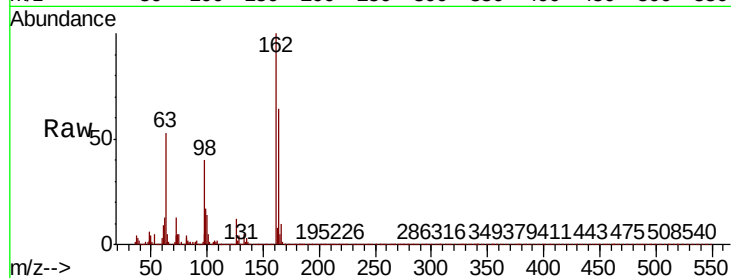
#29
2,4-Dichlorophenol
Concen: 40.771 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.2	84.2
98	40.5	18.7	58.7

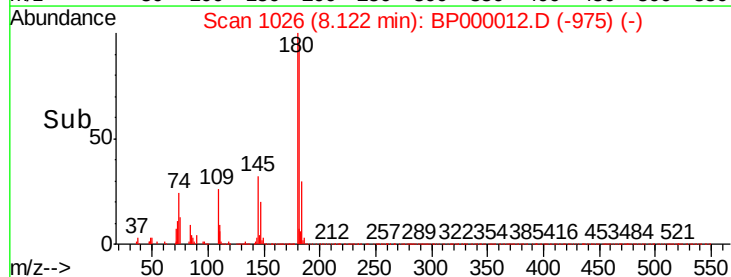
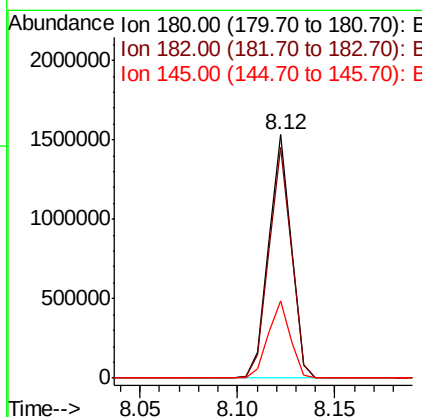
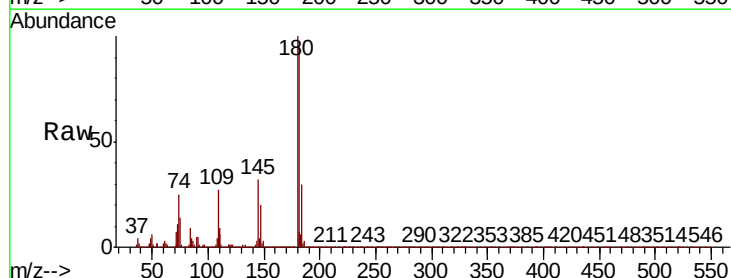
Manual Integrations
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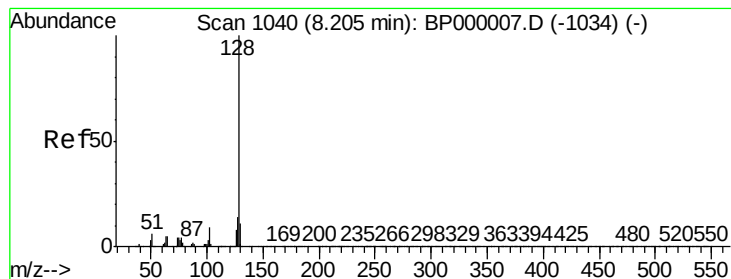
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.752 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.7	115.1
145	31.8	24.8	37.2





#31

Naphthalene

Concen: 41.235 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

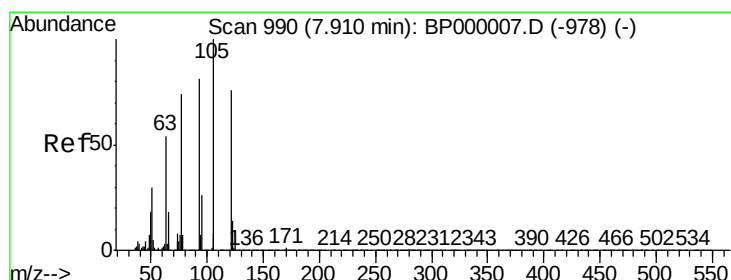
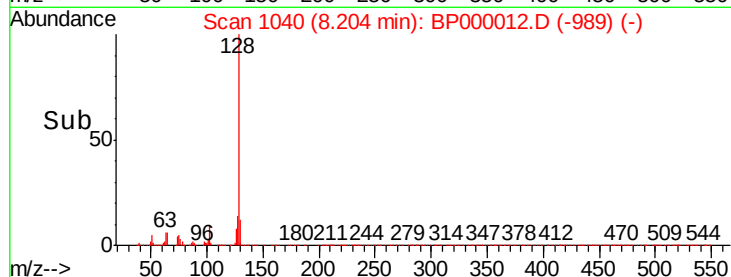
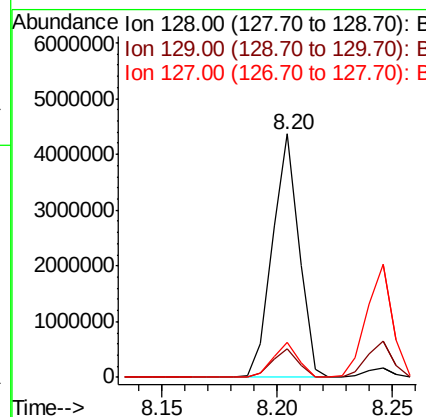
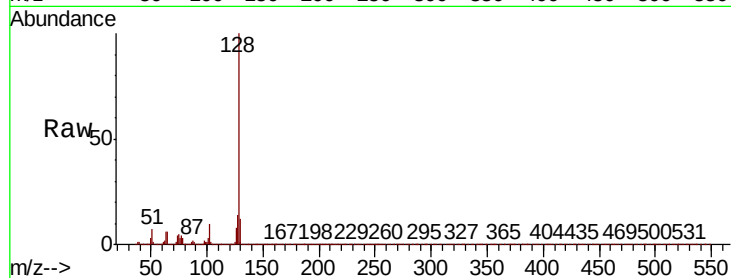
ClientSampleId :

ICVBP083019

Tot	Ion:128	Resp:	3483995
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	14.2	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 41.609 ng m

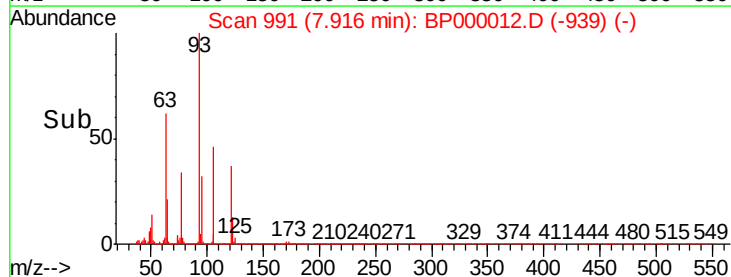
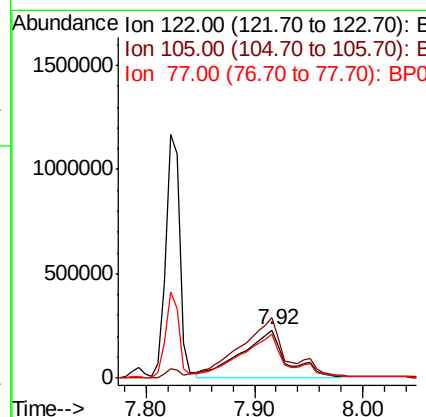
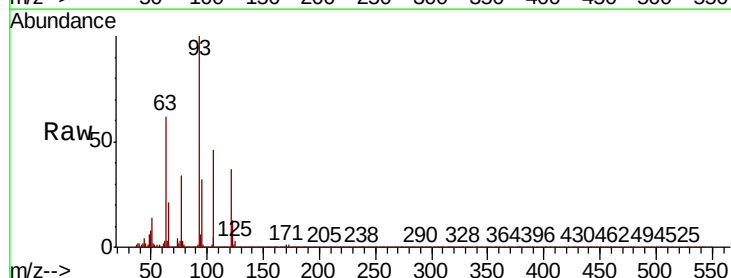
RT: 7.92 min Scan# 991

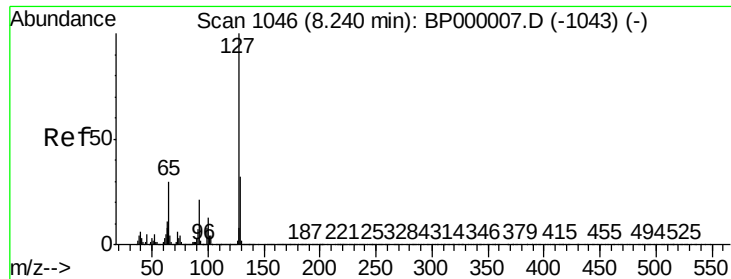
Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Tgt	Ion:122	Resp:	689831
Ion	Ratio	Lower	Upper
122	100		
105	125.4	104.6	144.6
77	92.2	74.1	114.1





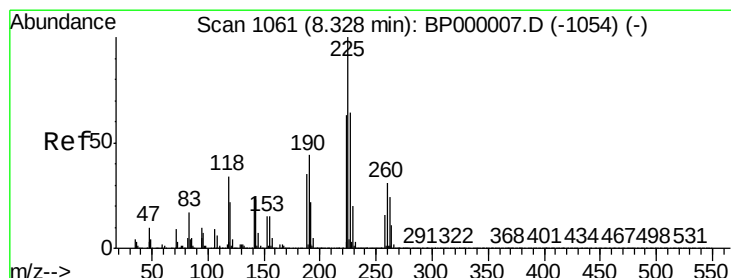
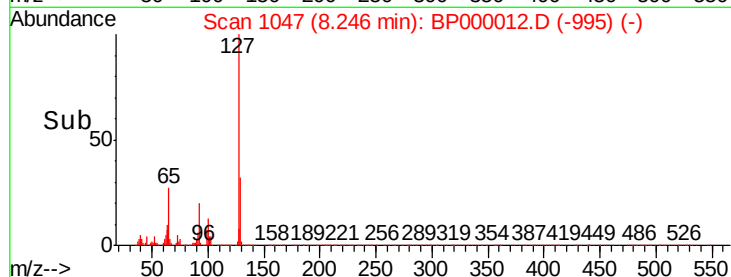
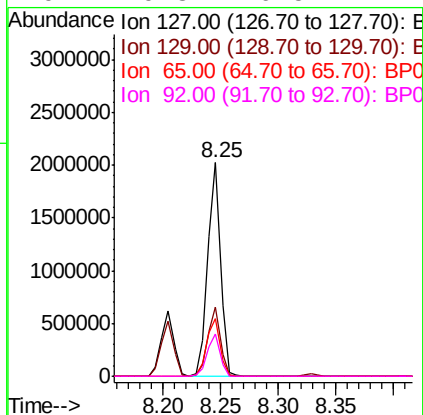
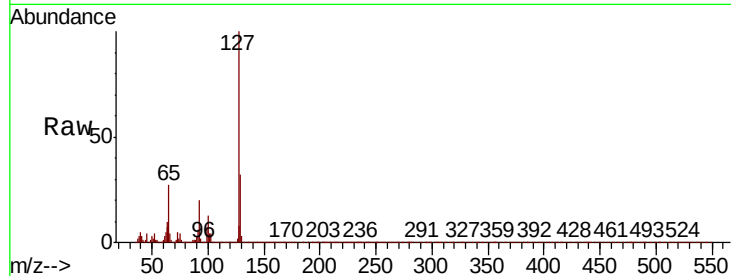
#33
4-Chloroaniline
Concen: 39.347 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		1567960		
129	32.5	25.8	38.6		
65	27.1	24.2	36.2		
92	19.8	16.5	24.7		

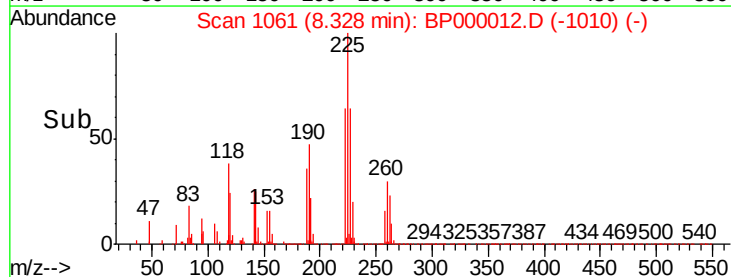
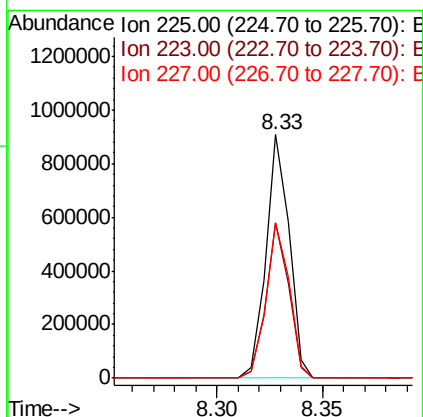
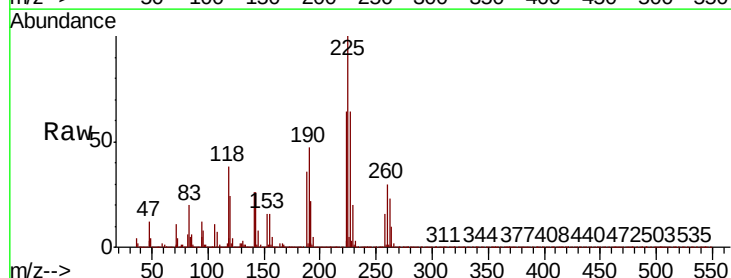
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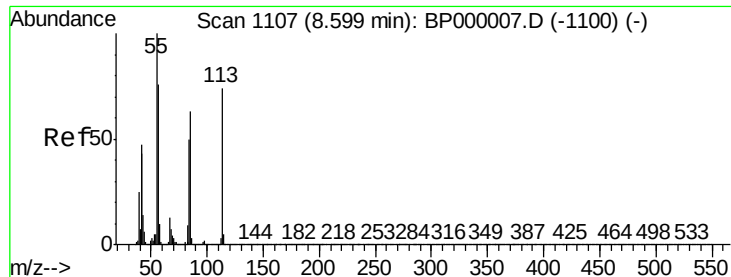
mohammad
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#34
Hexachlorobutadiene
Concen: 41.047 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		692738		
223	63.5	50.6	76.0		
227	63.6	51.0	76.4		





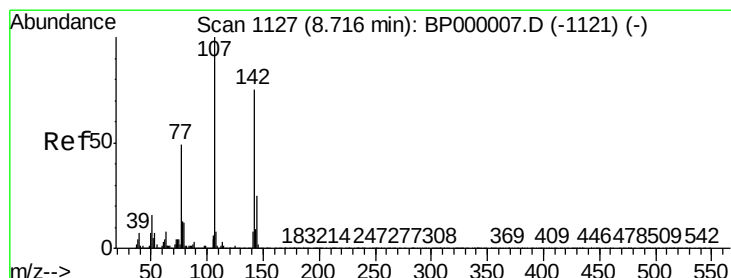
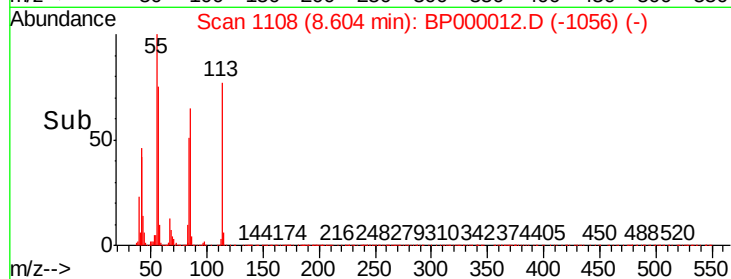
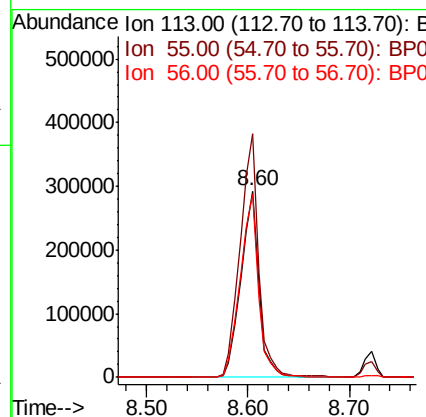
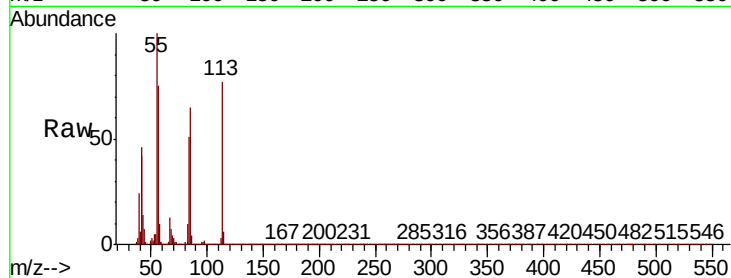
#35
Caprolactam
Concen: 38.742 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	130.6		114.6	154.6	
56	98.5		82.1	122.1	

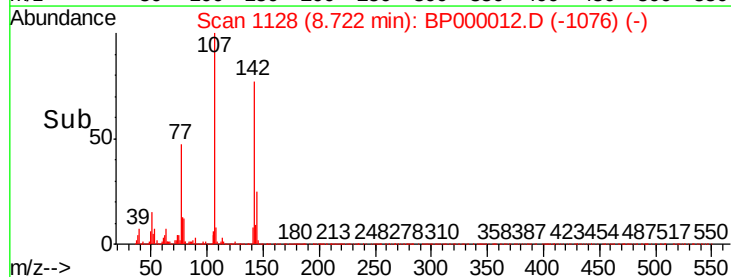
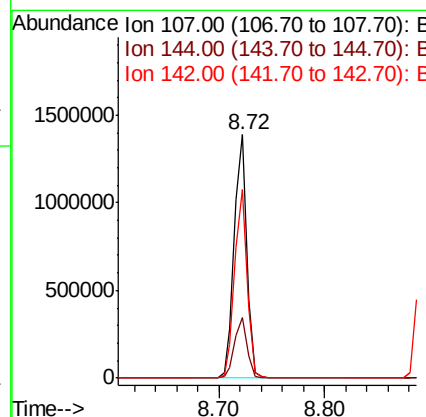
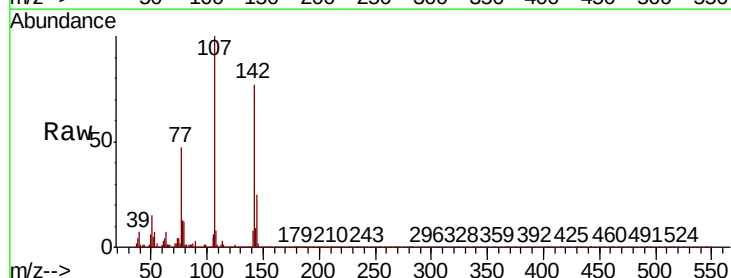
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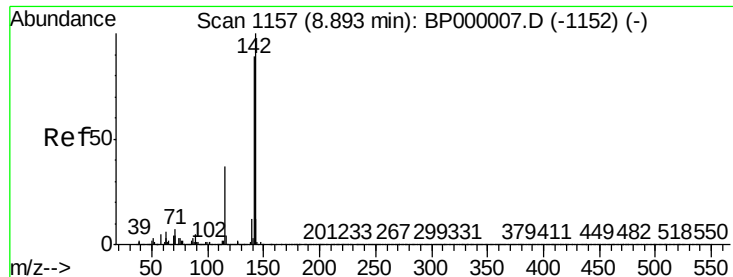
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.653 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.1		19.8	29.6	
142	77.4		60.4	90.6	





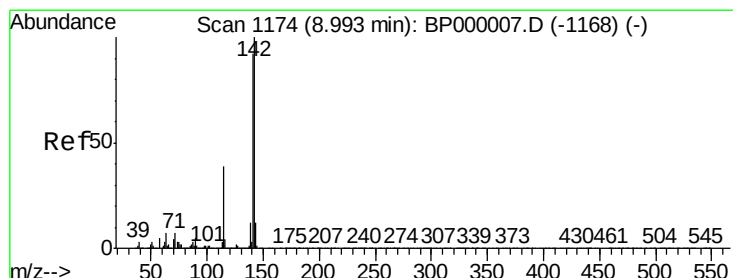
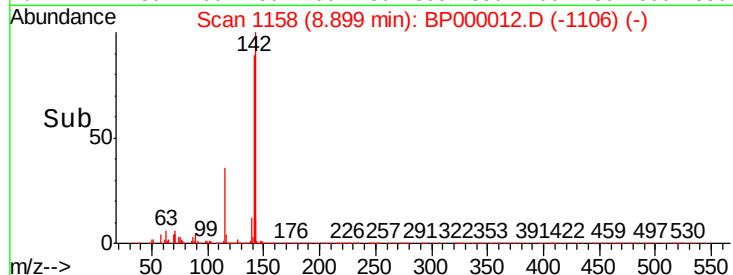
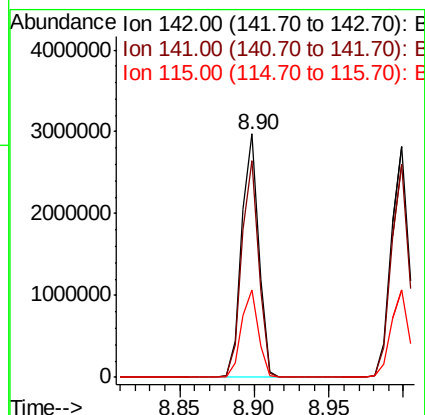
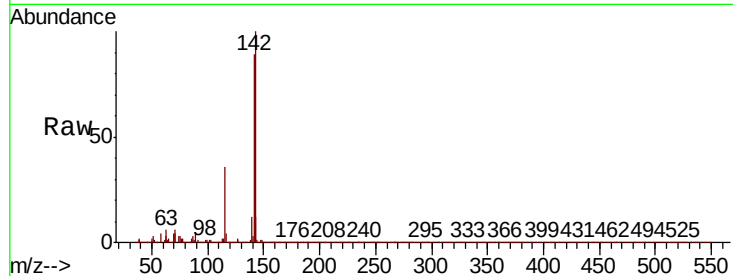
#37
2-Methylnaphthalene
Concen: 40.470 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.4
115	35.9	29.4	44.2

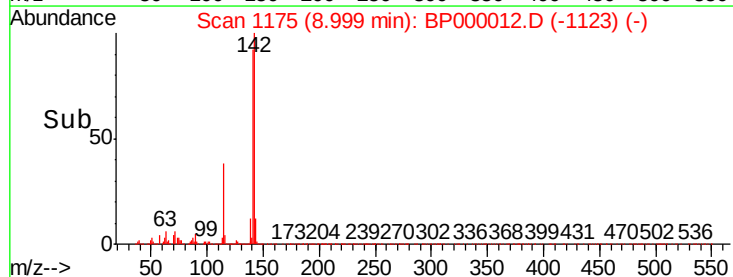
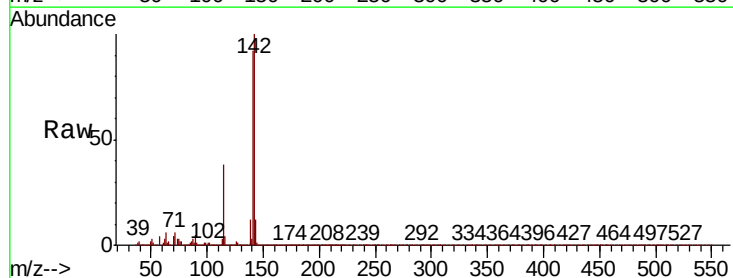
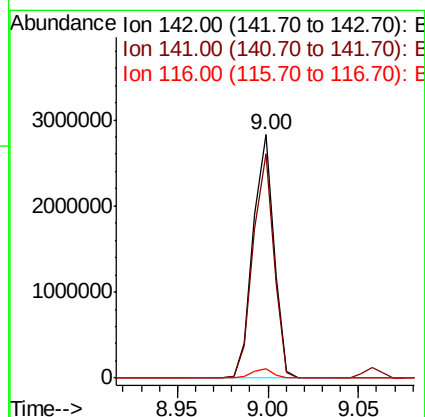
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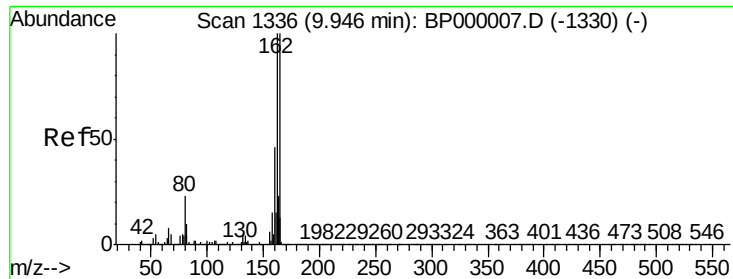
mohammad
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#38
1-Methylnaphthalene
Concen: 40.622 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.6	110.4
116	4.0	3.4	5.0





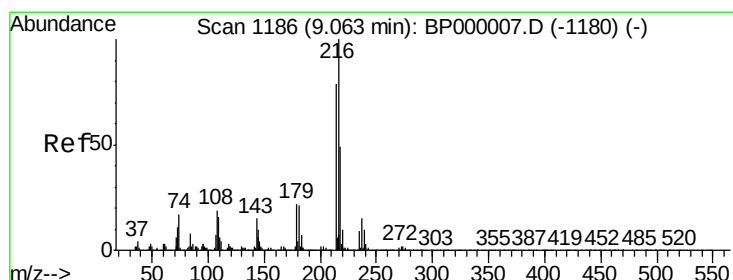
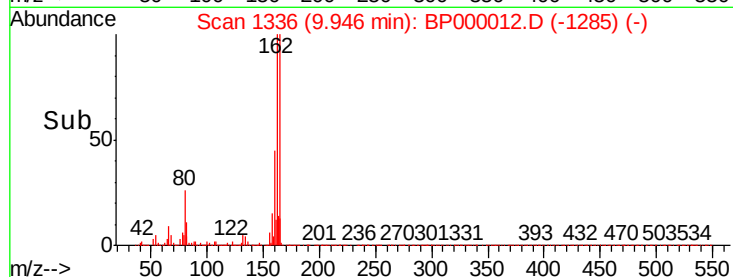
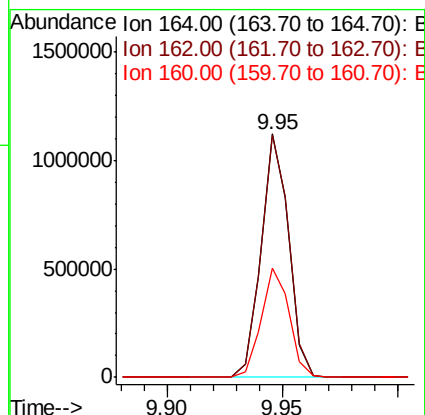
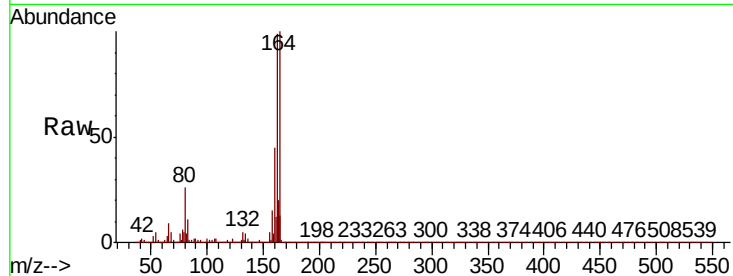
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.5	80.2	120.4	
160	44.9	36.6	55.0	

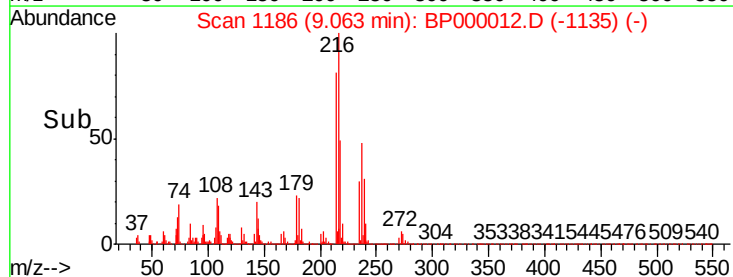
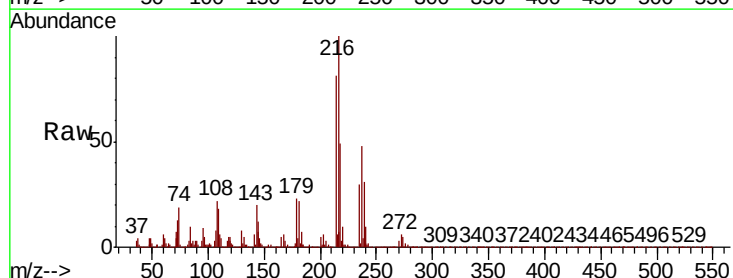
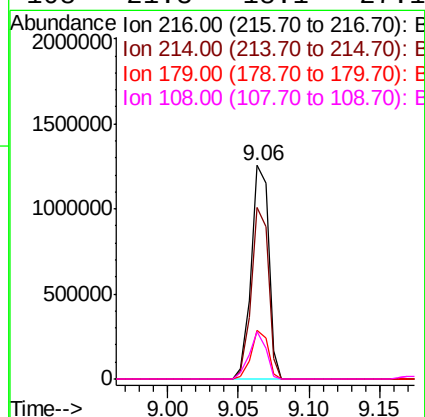
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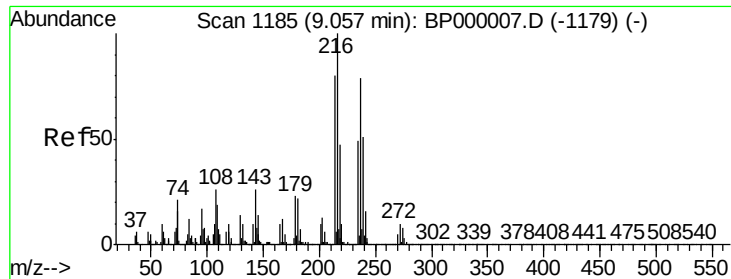
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.449 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.4	95.2	
179	22.0	17.8	26.6	
108	21.3	18.1	27.1	





#41

Hexachlorocyclopentadiene

Concen: 42.982 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

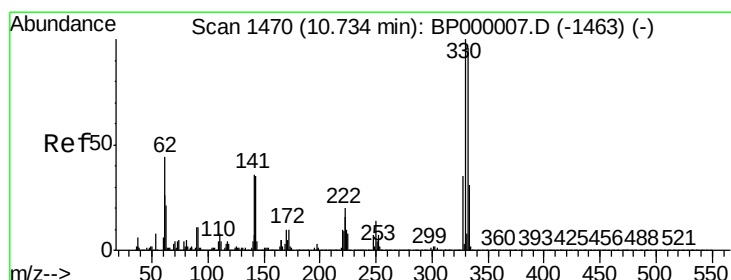
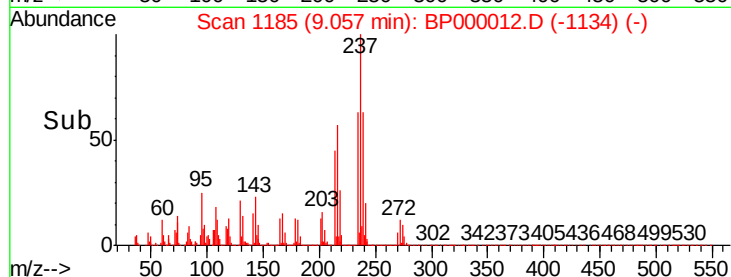
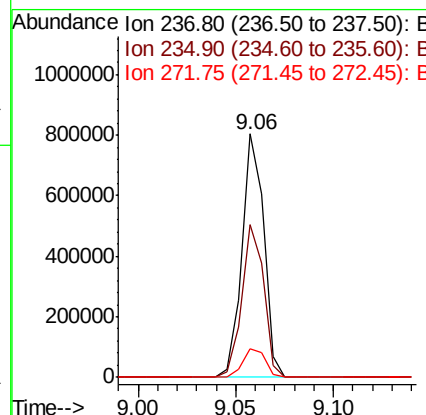
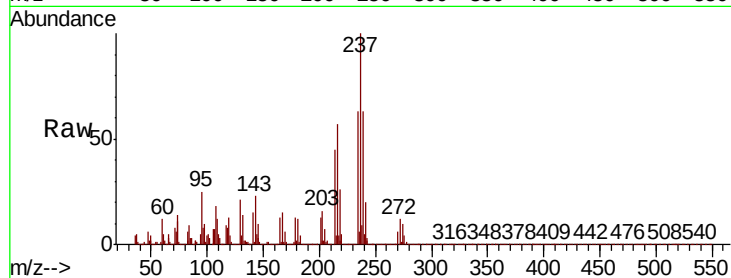
ClientSampleId :

ICVBP083019

Tot Ion:	237	Resp:	623635
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.0	82.0
272	12.0	0.0	33.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 80.501 ng

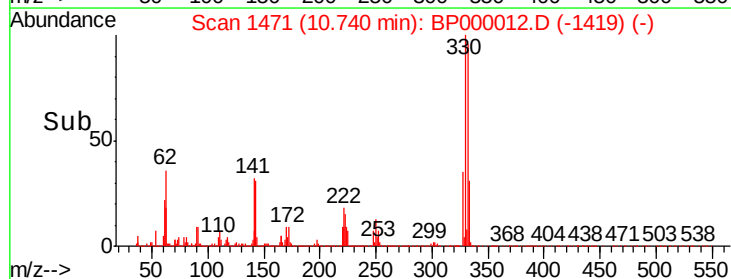
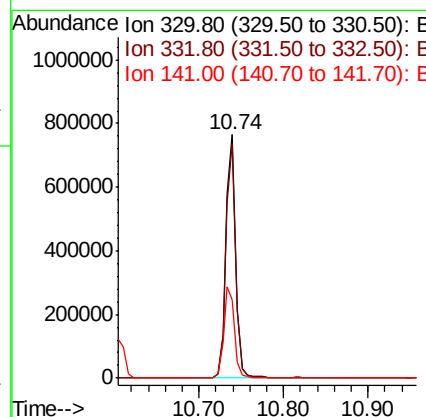
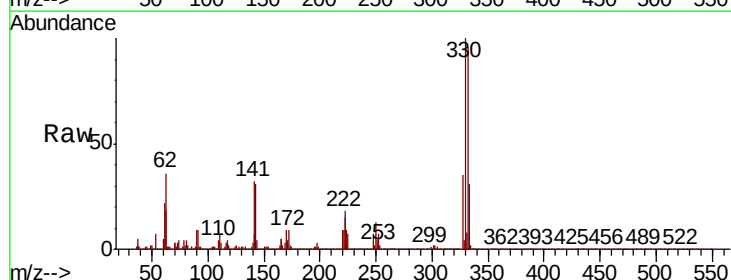
RT: 10.74 min Scan# 1471

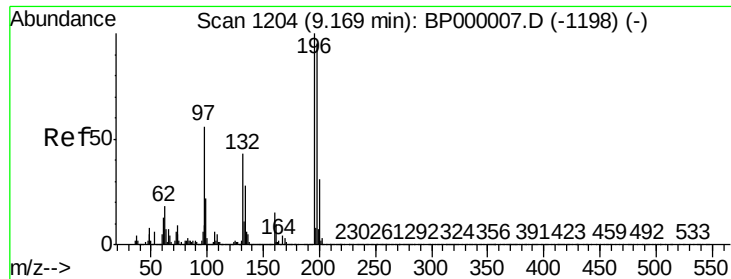
Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Tgt Ion:	330	Resp:	631704
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.8	115.2
141	40.9	33.6	50.4





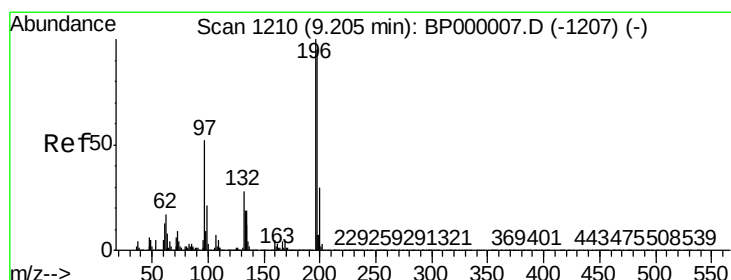
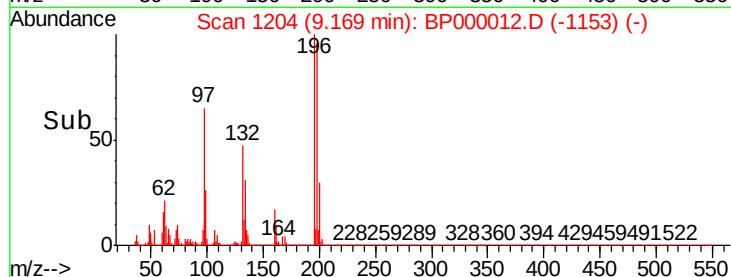
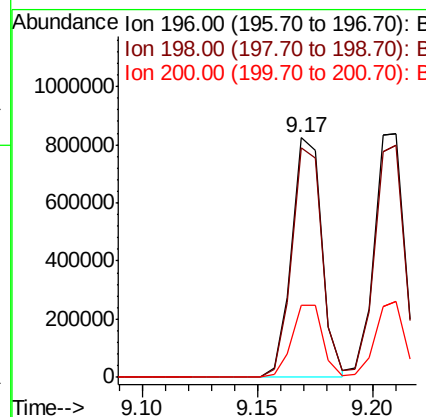
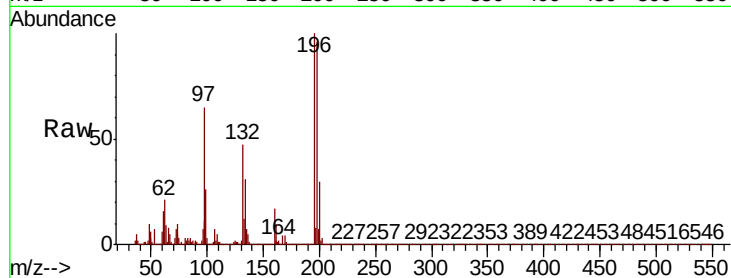
#43
2,4,6-Trichlorophenol
Concen: 40.898 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	743211		
198	95.6	76.2	114.2	
200	29.9	25.0	37.4	

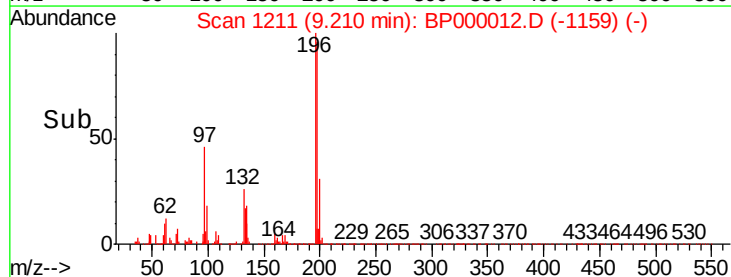
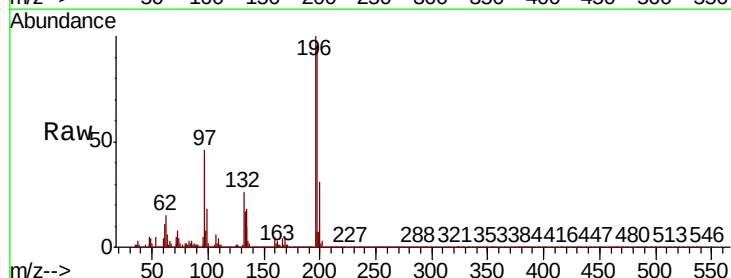
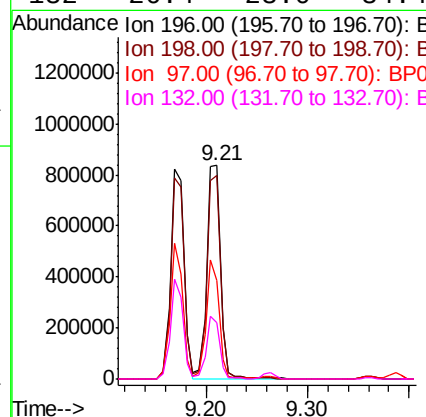
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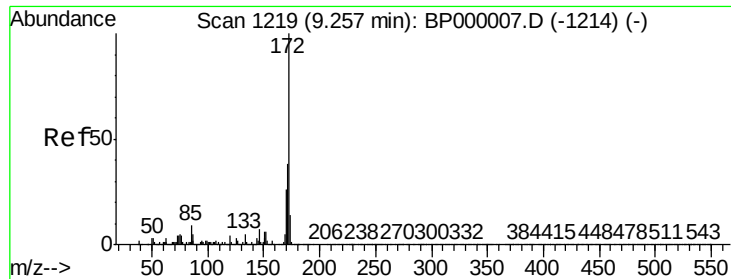
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#44
2,4,5-Trichlorophenol
Concen: 41.024 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	779999		
198	95.6	74.9	112.3	
97	46.0	42.2	63.2	
132	26.4	23.0	34.4	





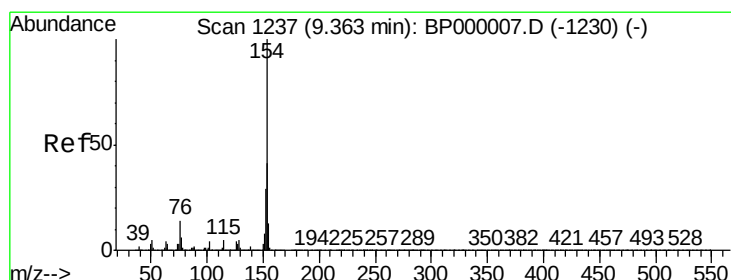
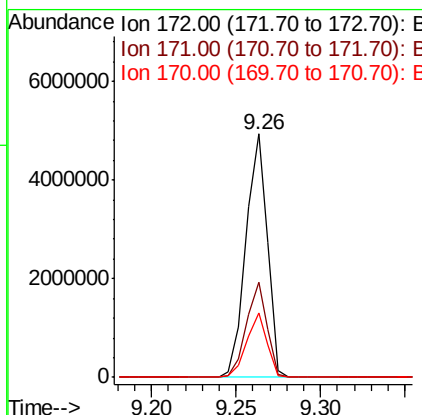
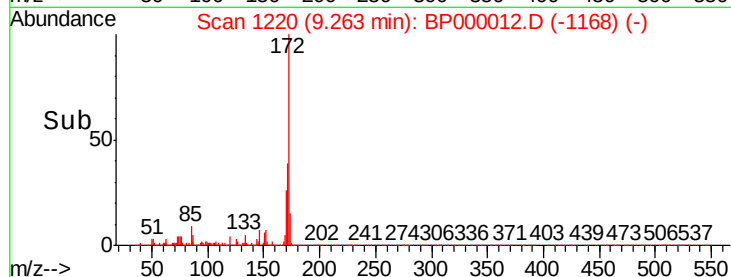
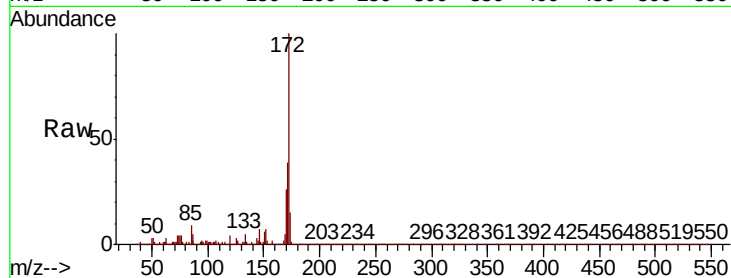
#45
2-Fluorobiphenyl
Concen: 78.707 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion:172 Resp: 4387707
Ion Ratio Lower Upper
172 100
171 39.0 30.7 46.1
170 26.3 20.7 31.1

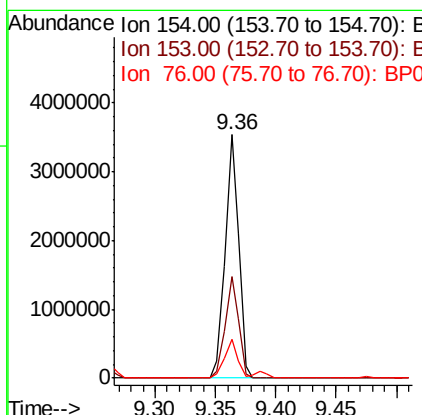
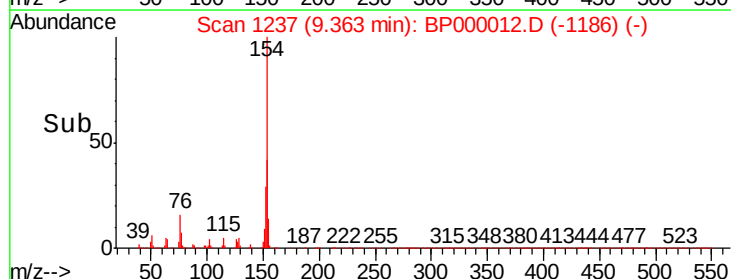
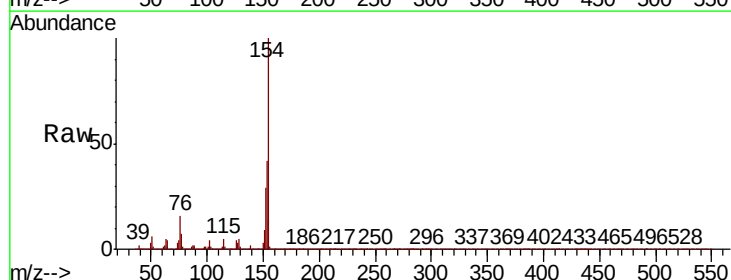
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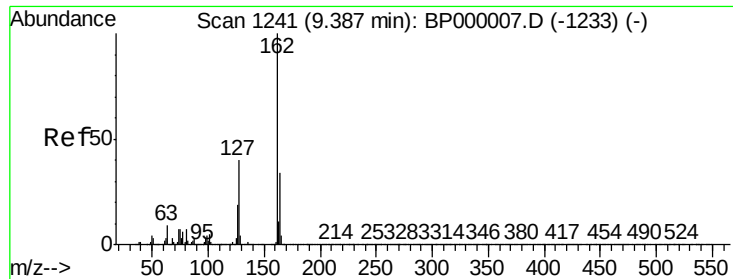
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#46
1,1'-Biphenyl
Concen: 41.439 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion:154 Resp: 2723508
Ion Ratio Lower Upper
154 100
153 41.9 21.1 61.1
76 16.1 0.0 33.7





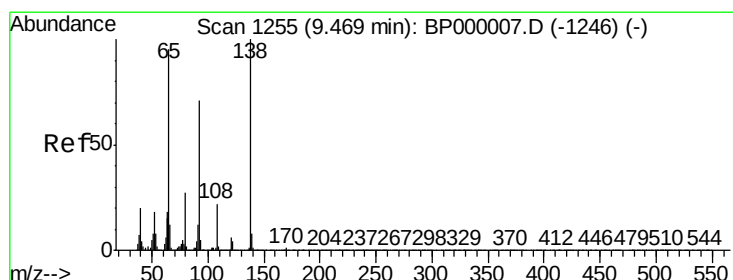
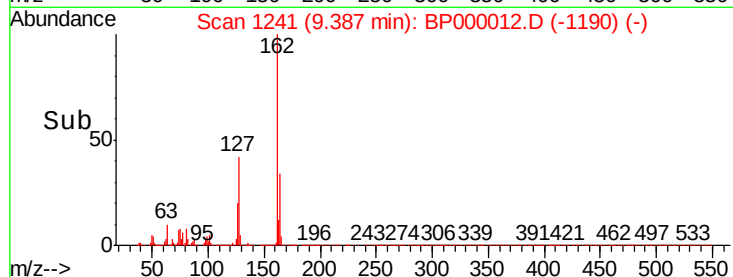
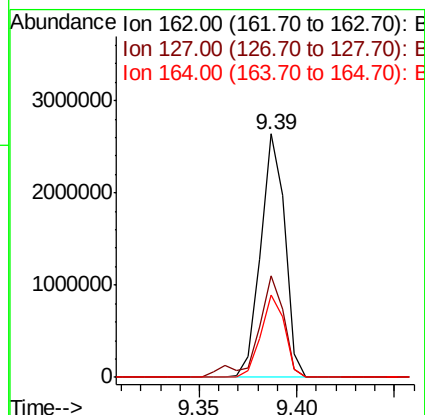
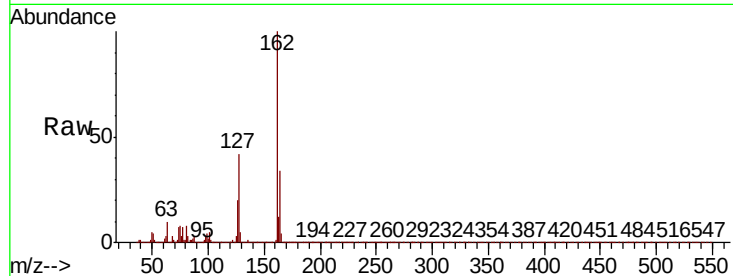
#47
2-Chloronaphthalene
Concen: 41.277 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.2	48.4
164	33.8	26.9	40.3

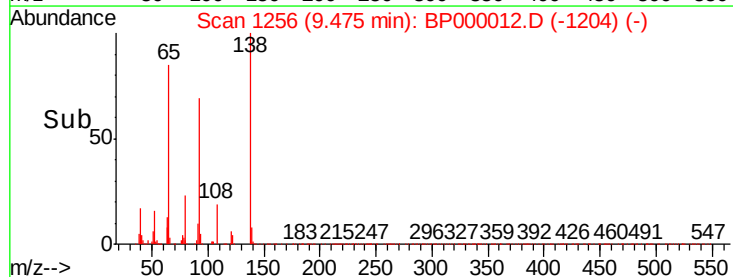
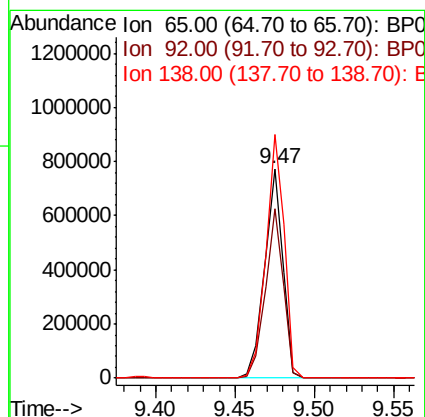
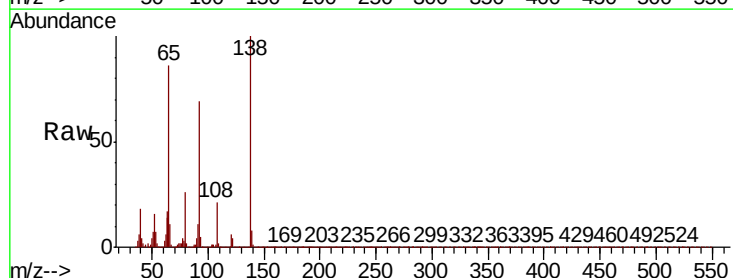
Manual Integrations
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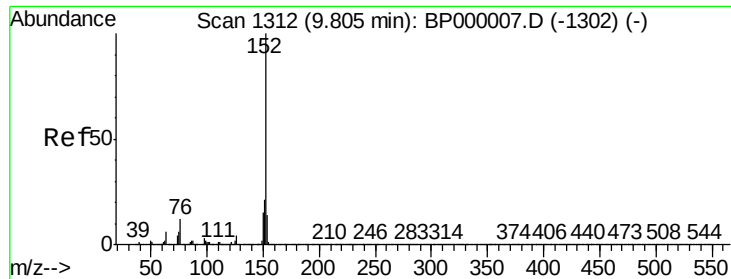
mohammad
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#48
2-Nitroaniline
Concen: 42.363 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	80.8	60.3	90.5
138	116.3	84.5	126.7





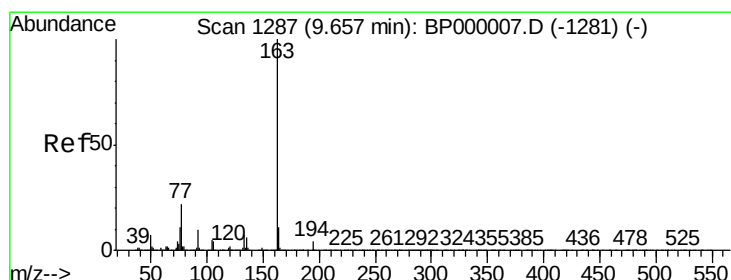
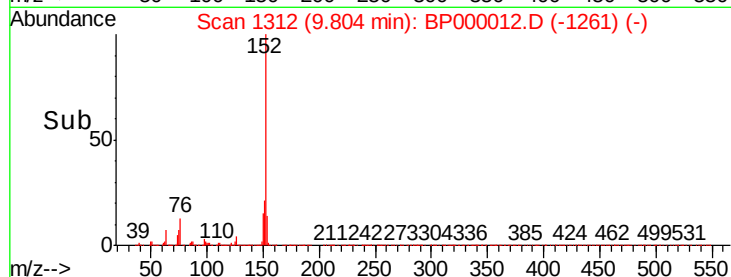
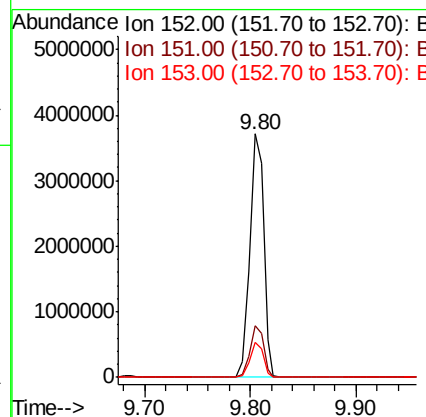
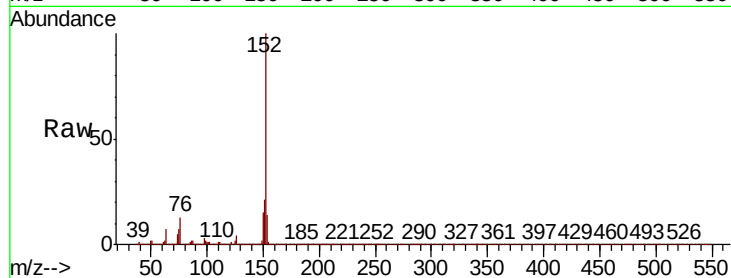
#49
Acenaphthylene
Concen: 41.268 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.6
153	14.2	11.0	16.6

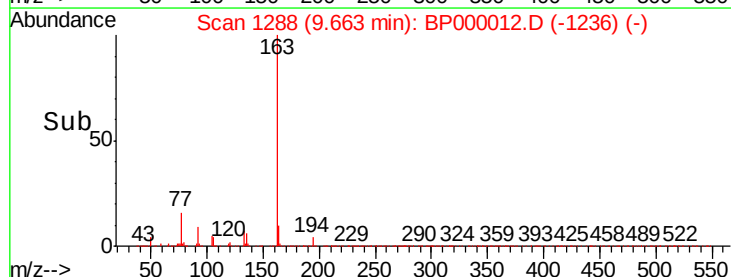
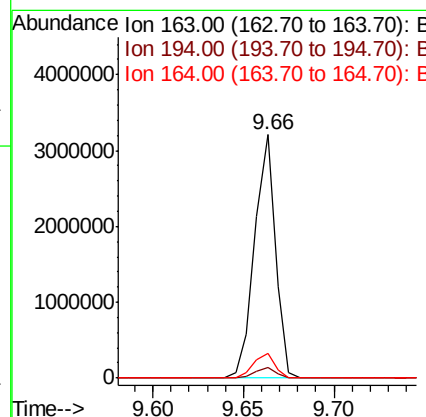
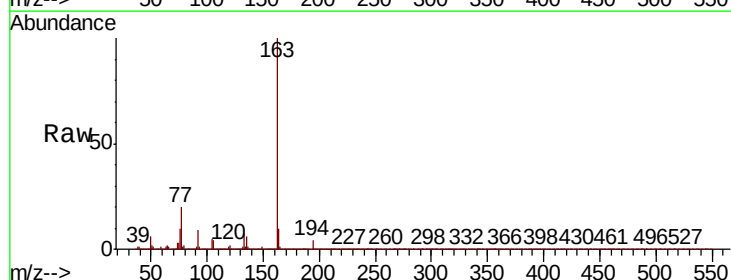
Manual Integrations
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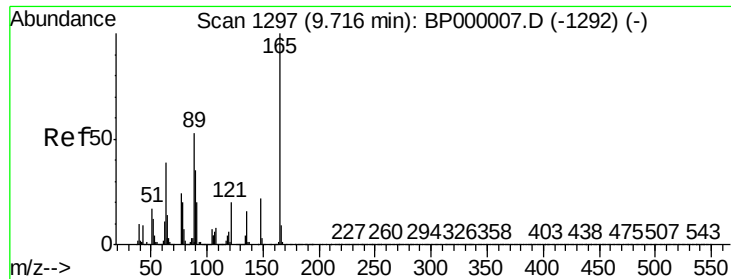
mohammad
9/4/2019 1:47:07 PM



#50
Dimethylphthalate
Concen: 40.457 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	8.4	12.6





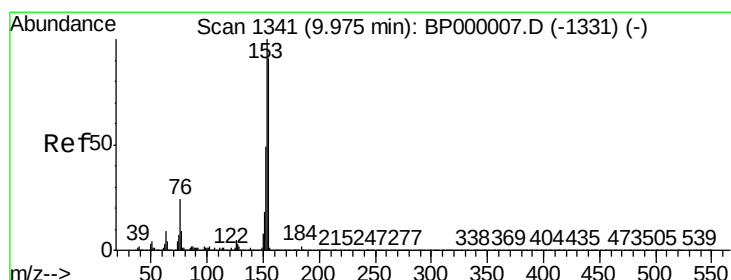
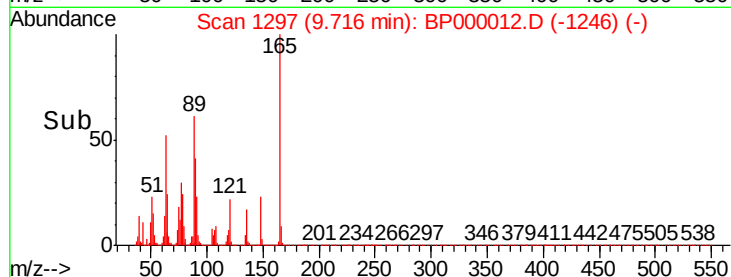
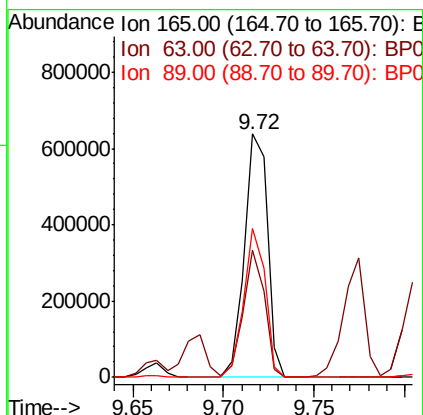
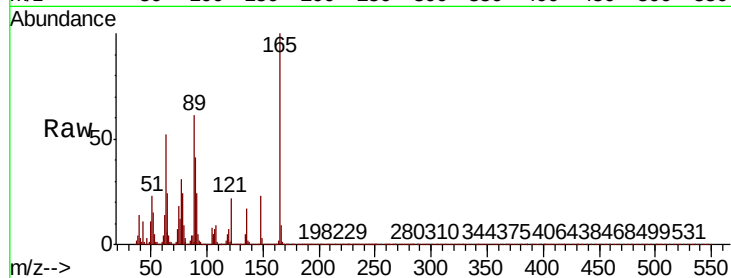
#51
2,6-Dinitrotoluene
Concen: 41.804 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion:	165	Resp:	562926
Ion Ratio	Lower	Upper	
165	100		
63	52.2	35.8	53.6
89	61.1	42.2	63.4

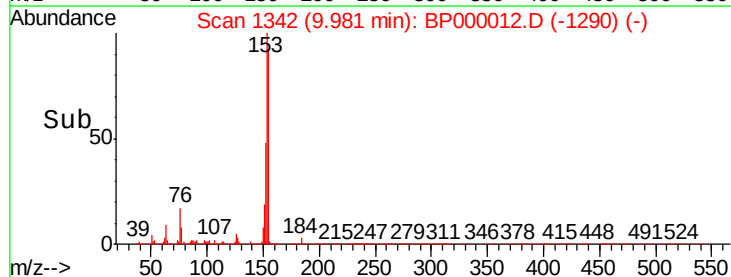
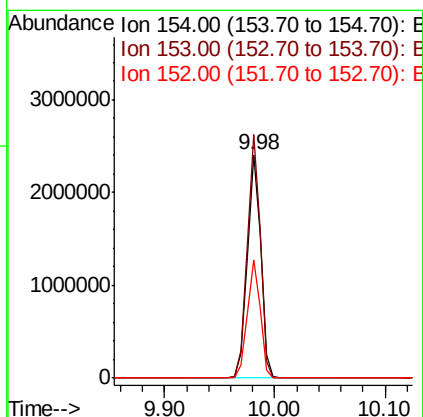
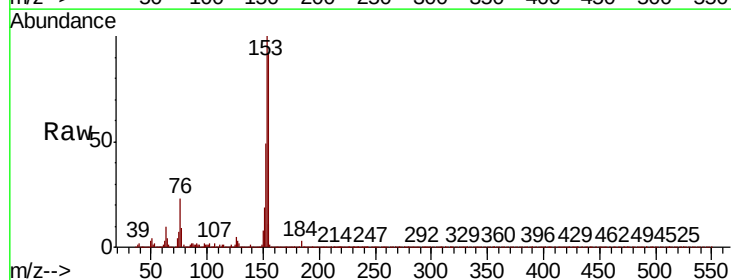
Manual Integrations
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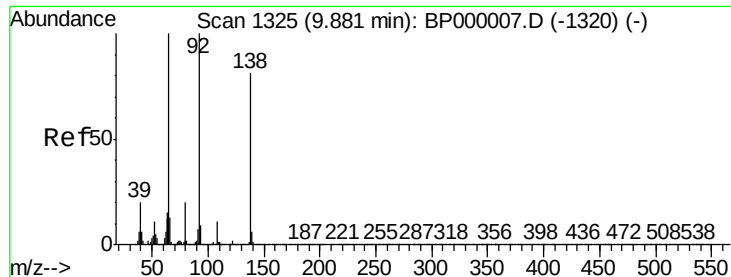
mohammad
9/4/2019 1:47:07 PM



#52
Acenaphthene
Concen: 40.703 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion:	154	Resp:	2067591
Ion Ratio	Lower	Upper	
154	100		
153	108.9	88.2	132.2
152	53.1	42.9	64.3





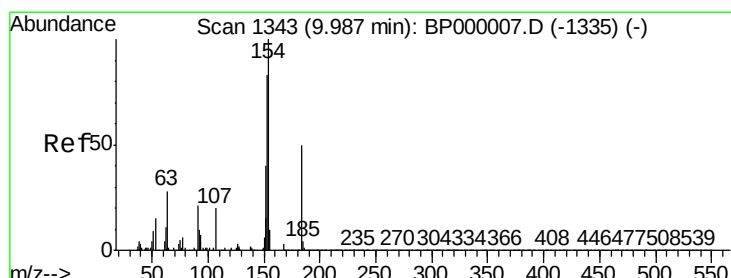
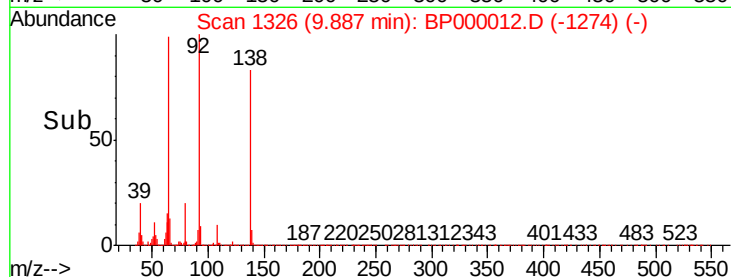
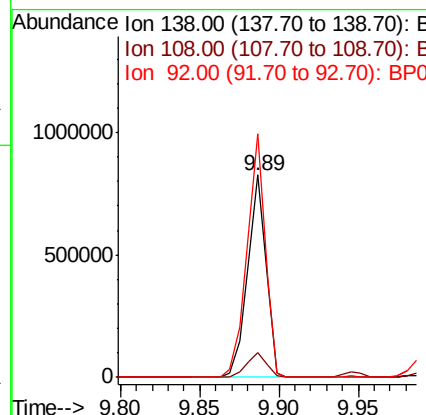
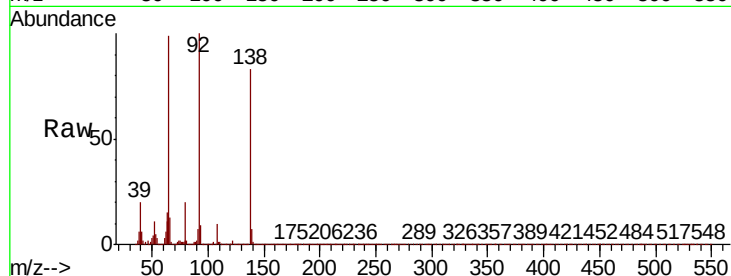
#53
3-Nitroaniline
Concen: 41.193 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.5	11.0	16.4
92	120.4	98.2	147.4

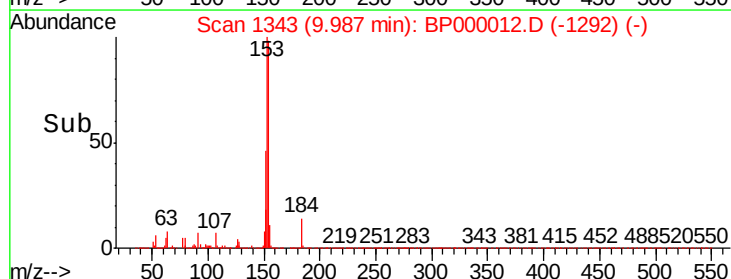
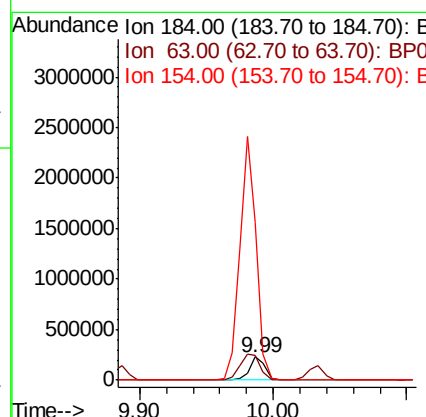
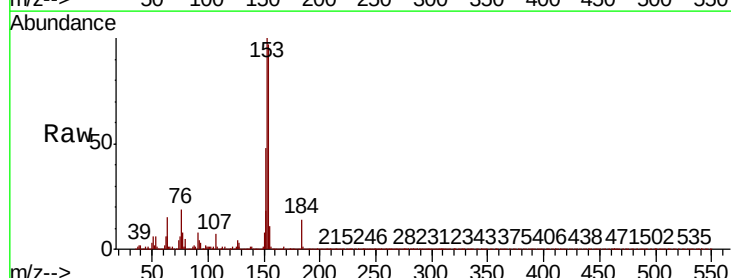
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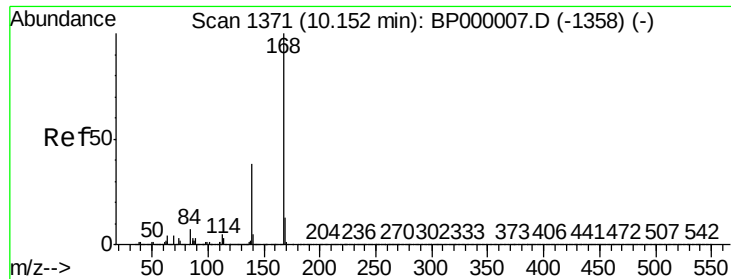
mohammad
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#54
2,4-Dinitrophenol
Concen: 41.319 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	106.9	46.0	69.0#
154	681.3	161.9	242.9#





#55

Dibenzofuran

Concen: 40.420 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

ClientSampleId :

ICVBP083019

Tot Ion:168 Resp: 2915530

Ion Ratio Lower Upper

168 100

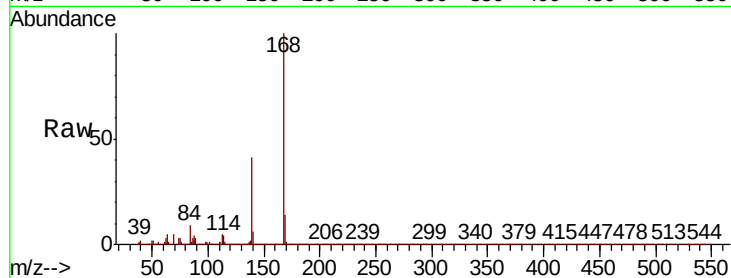
139 40.8 30.2 45.2

169 14.3 10.7 16.1

Manual Integrations
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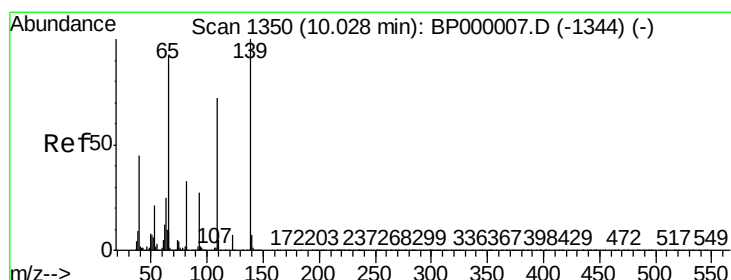
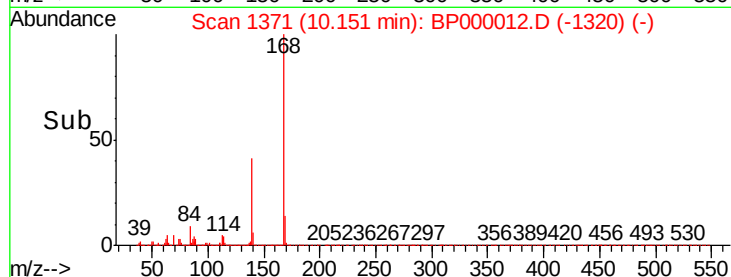
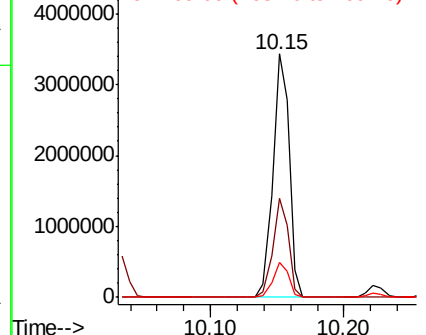
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.791 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

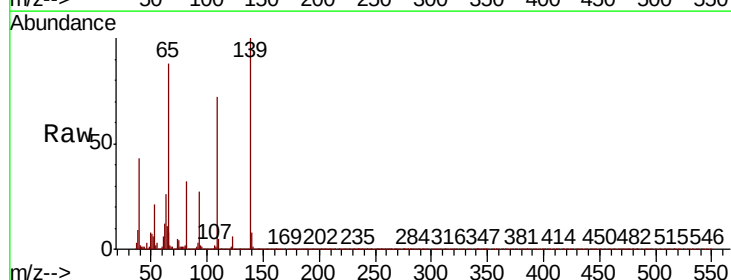
Tgt Ion:139 Resp: 469022

Ion Ratio Lower Upper

139 100

109 71.9 52.4 92.4

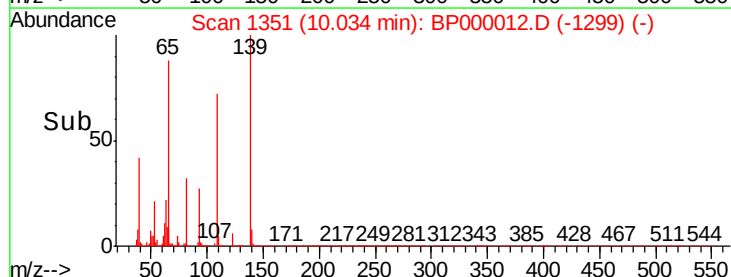
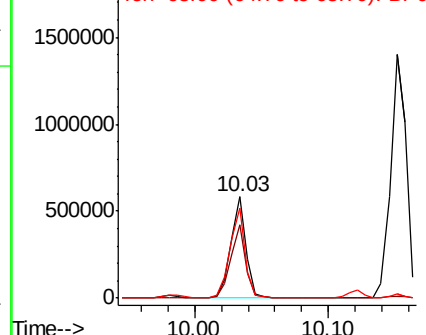
65 88.2 72.2 112.2

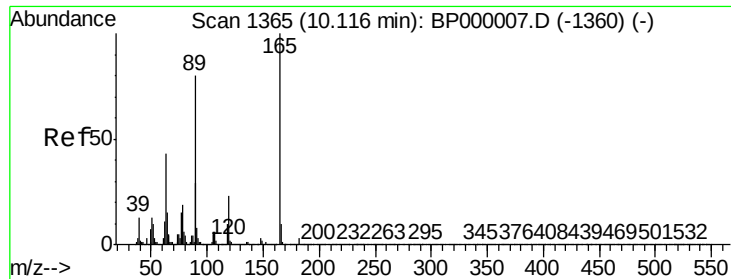


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





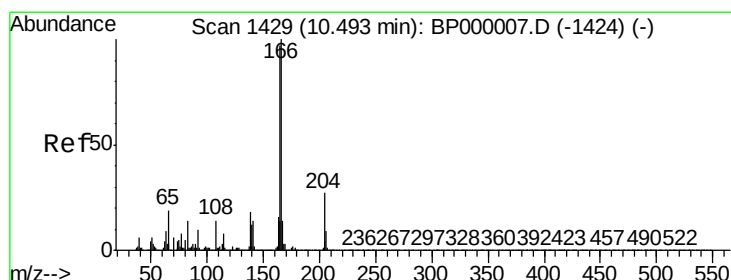
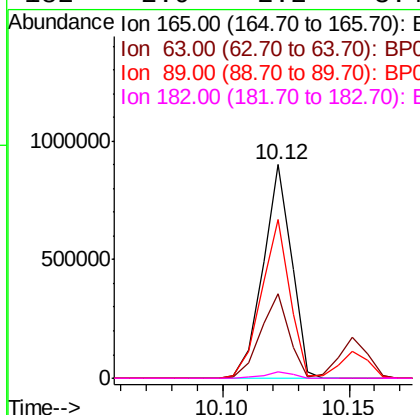
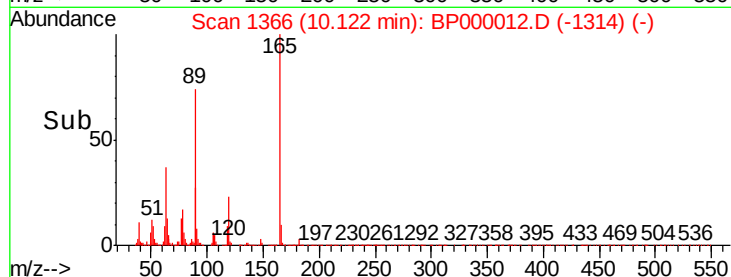
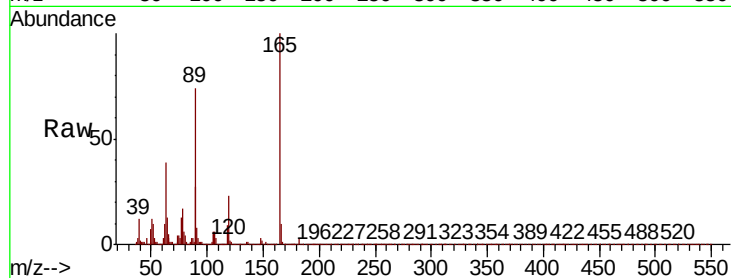
#57
2,4-Dinitrotoluene
Concen: 41.217 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		708569		
63	39.4	34.4	51.6		
89	74.3	64.3	96.5		
182	2.9	2.2	3.4		

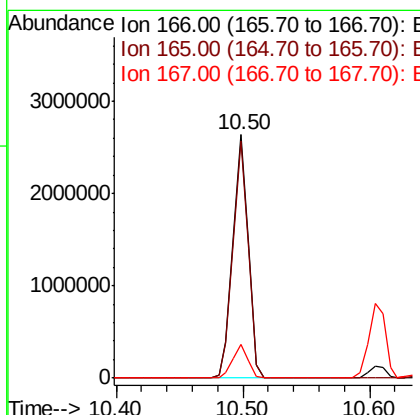
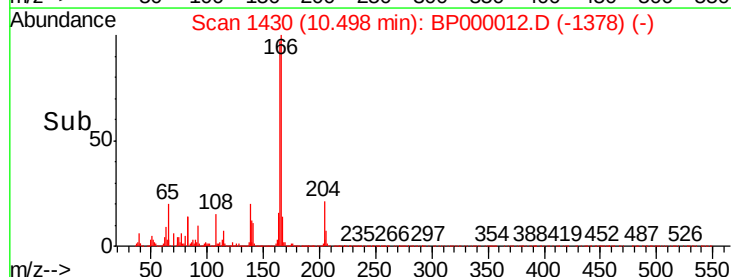
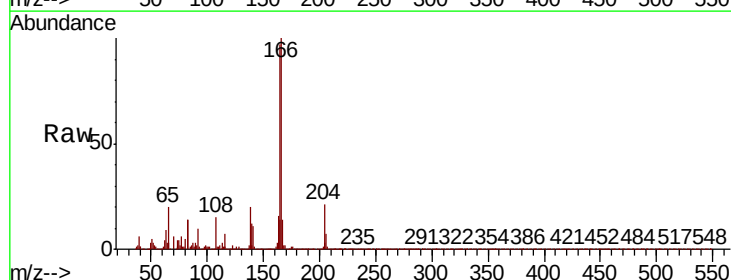
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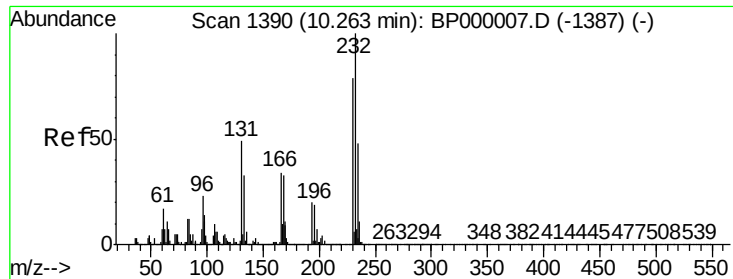
mohammad
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#58
Fluorene
Concen: 40.259 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2185550		
165	97.2	77.3	115.9		
167	13.8	11.0	16.6		





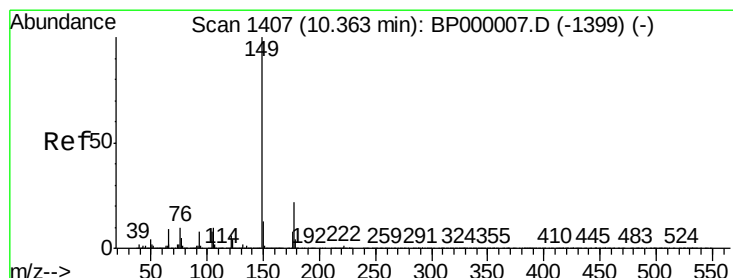
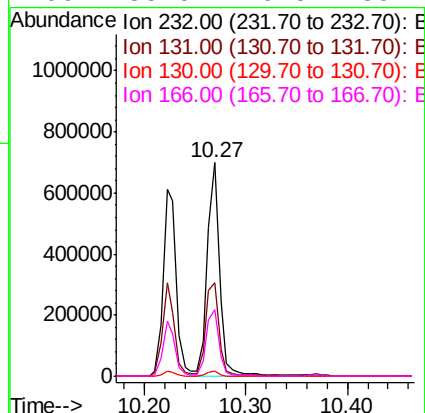
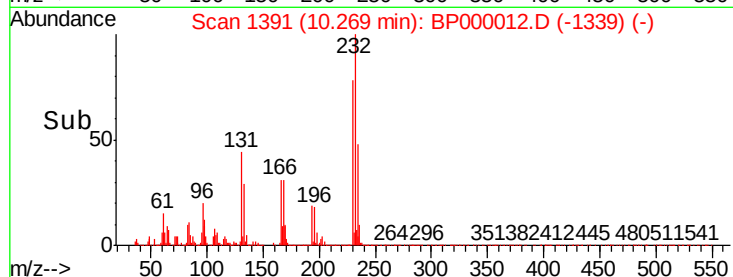
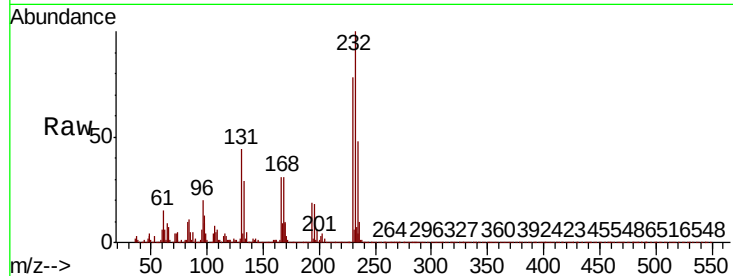
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.052 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		590993		
131	48.0	39.3	58.9		
130	2.4	2.1	3.1		
166	33.0	26.5	39.7		

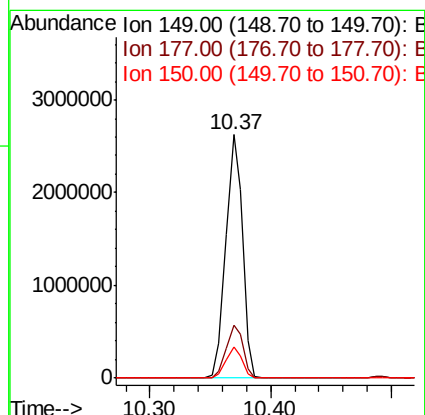
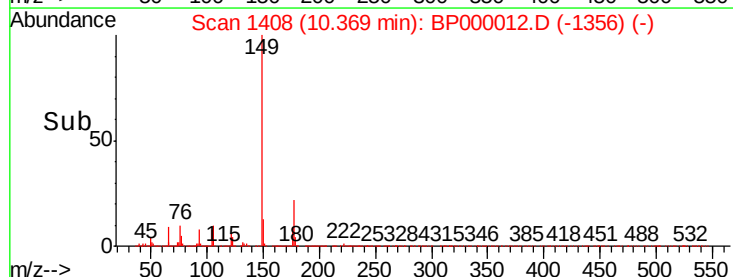
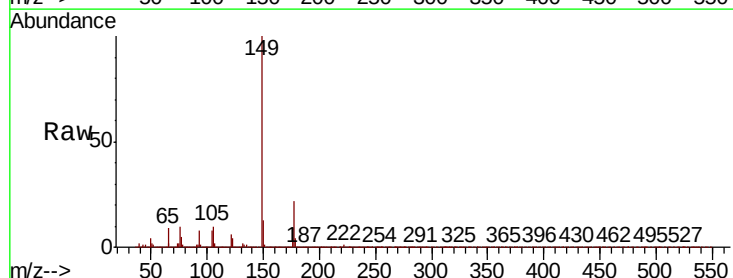
Manual Integrations
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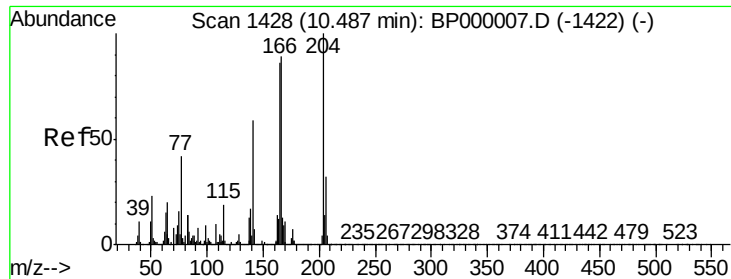
mohammad
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#60
Diethylphthalate
Concen: 39.233 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		2491366		
177	22.0	17.3	25.9		
150	12.9	10.3	15.5		





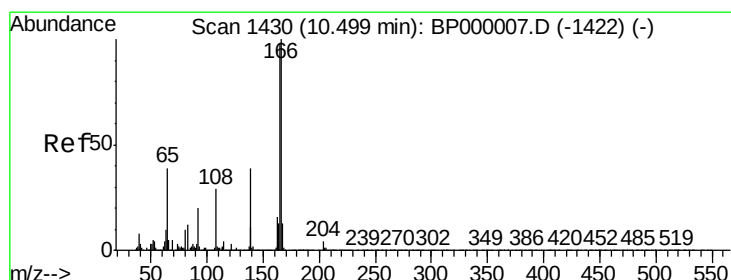
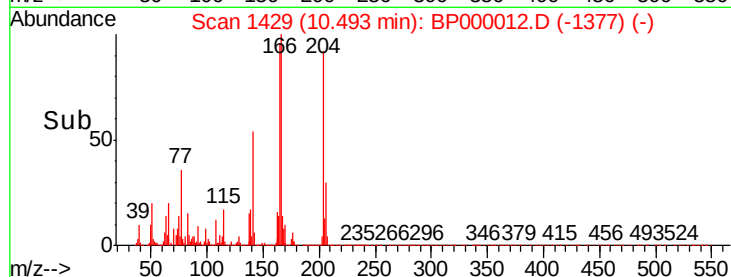
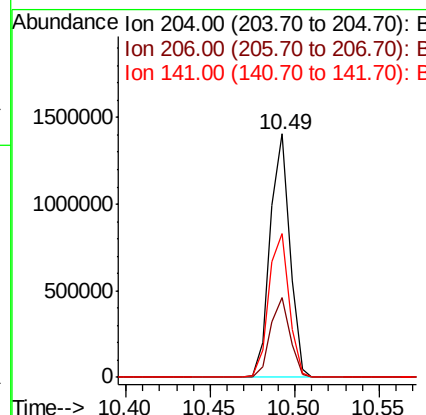
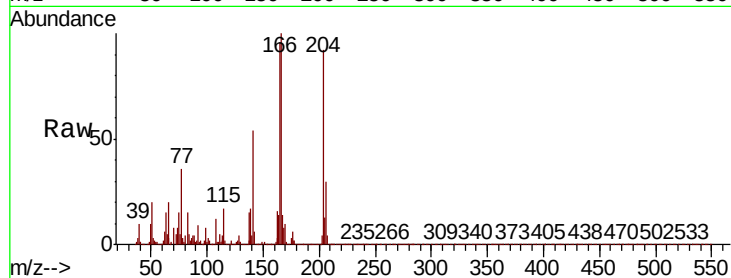
#61
4-Chlorophenyl-phenylether
Concen: 40.194 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	59.1	47.6	71.4

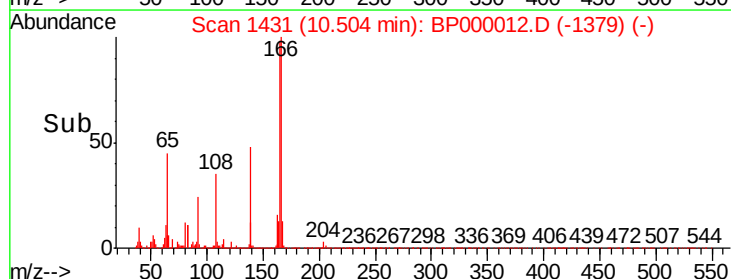
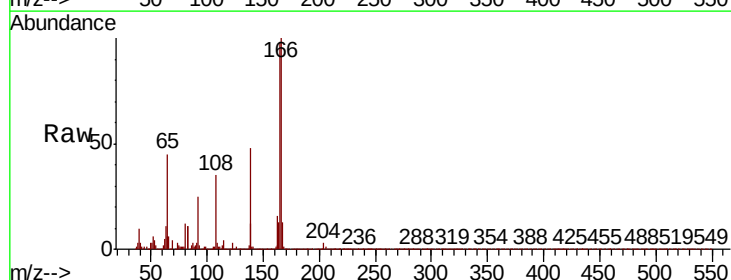
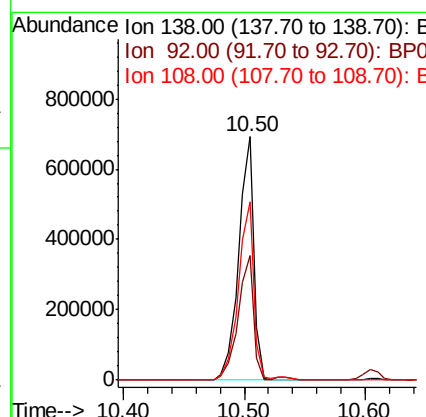
Manual Integrations
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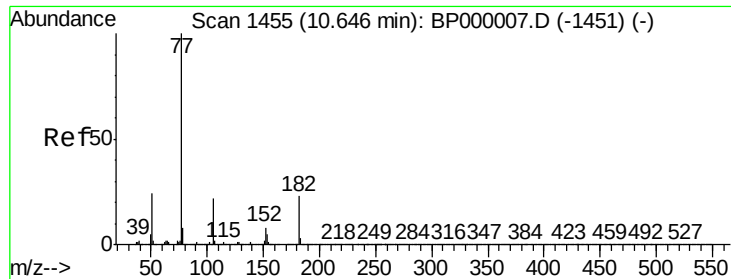
mohammad
9/4/2019 1:47:07 PM



#62
4-Nitroaniline
Concen: 39.531 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.8	72.8
108	73.3	55.7	95.7





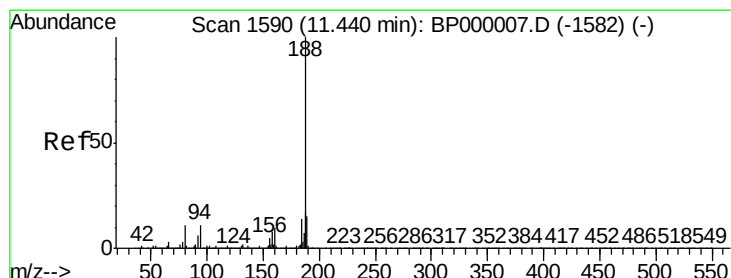
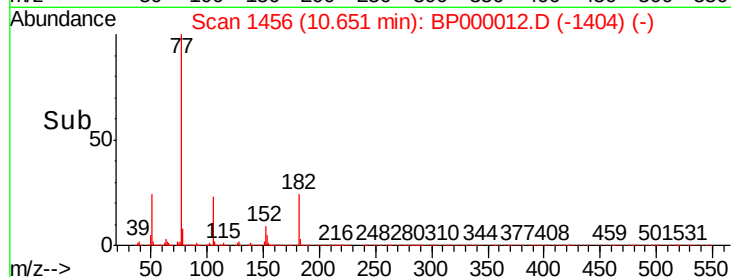
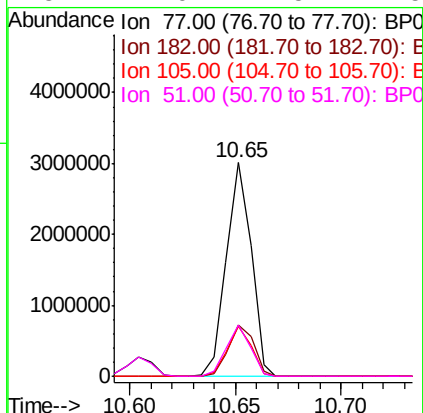
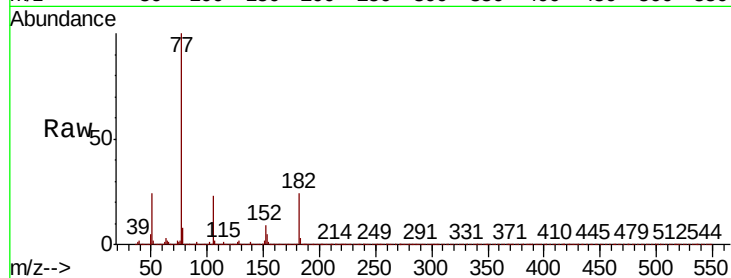
#63
Azobenzene
Concen: 40.115 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.3	2.6	42.6	
105	23.2	2.3	42.3	
51	24.0	4.5	44.5	

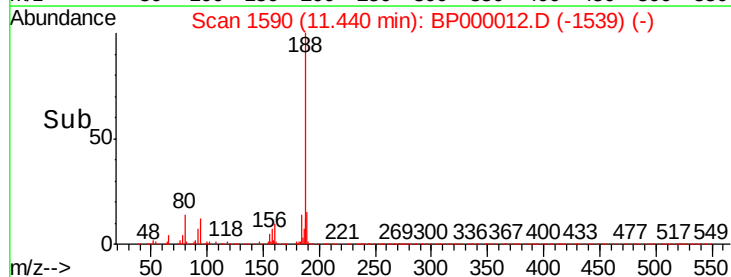
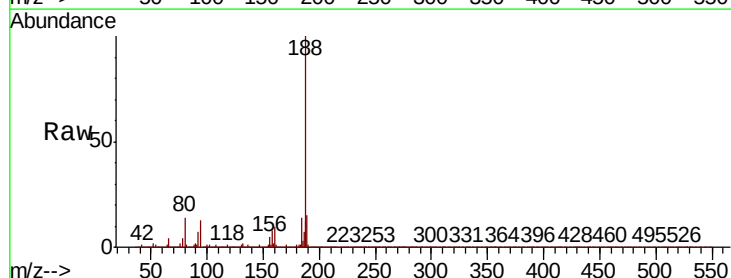
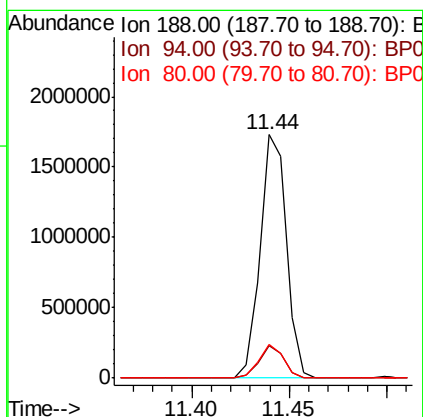
Manual Integrations
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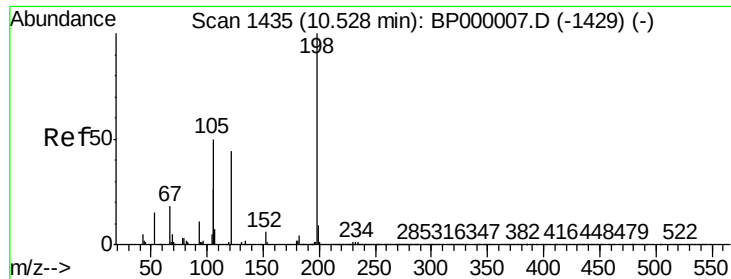
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	13.3	8.8	13.2#	
80	14.0	9.0	13.6#	





#65

4,6-Dinitro-2-methylphenol

Concen: 41.665 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

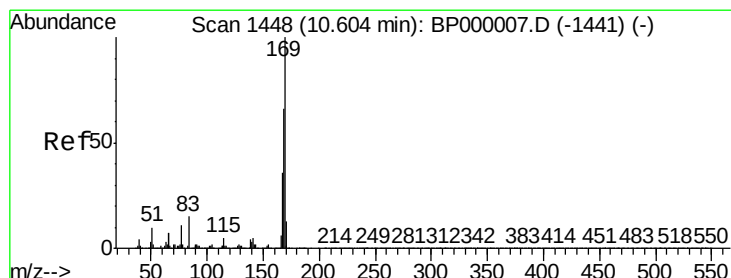
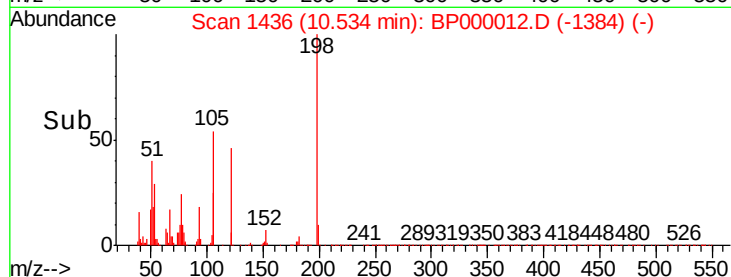
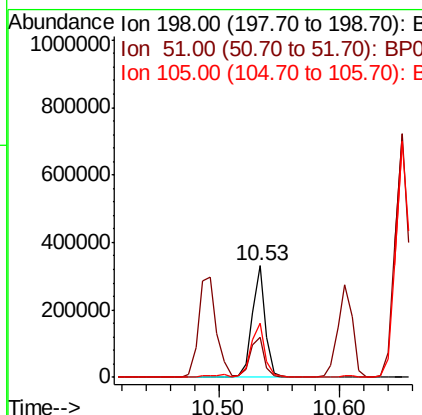
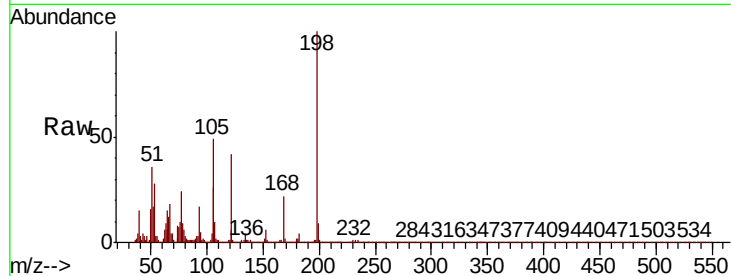
ClientSampleId :

ICVBP083019

Tot Ion:	198	Resp:	250477
Ion Ratio	Lower	Upper	
198	100		
51	36.3	22.1	62.1
105	48.8	32.0	72.0

Manual Integrations
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9/4/2019 1:47:07 PM



#66

n-Nitrosodiphenylamine

Concen: 41.984 ng

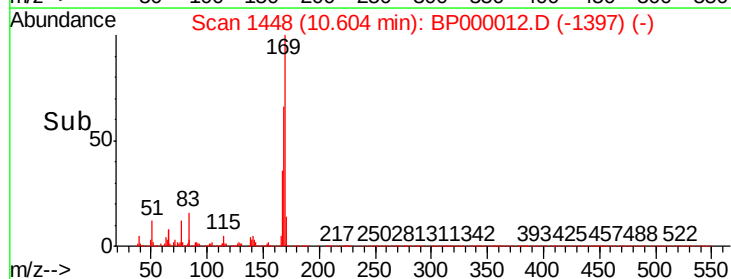
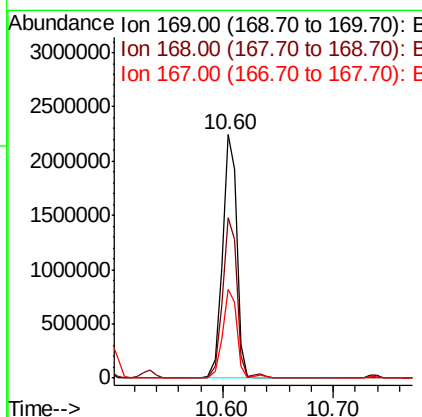
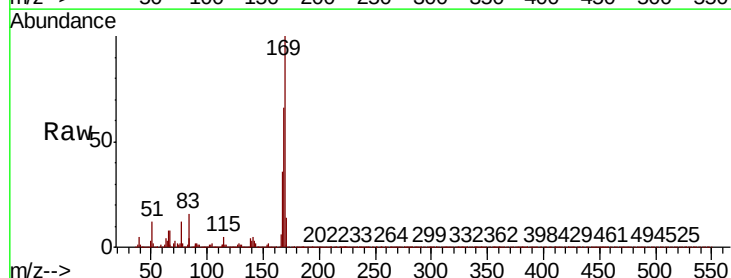
RT: 10.60 min Scan# 1448

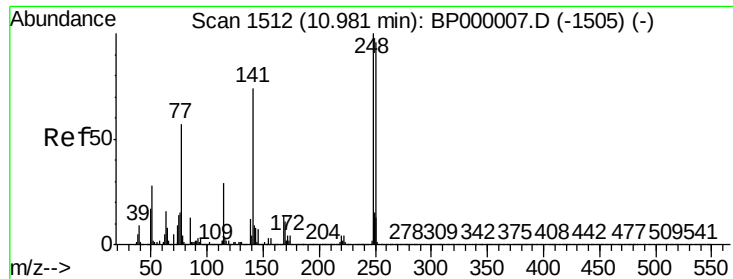
Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Tgt Ion:	169	Resp:	2007019
Ion Ratio	Lower	Upper	
169	100		
168	66.0	52.9	79.3
167	36.2	29.2	43.8





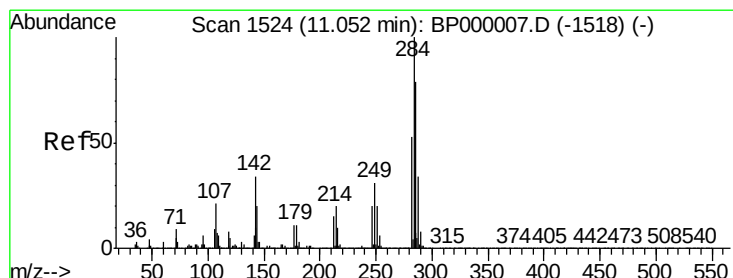
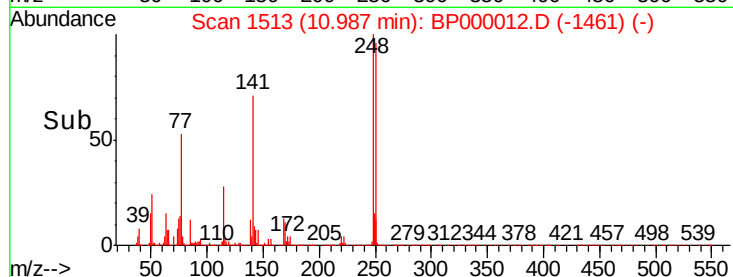
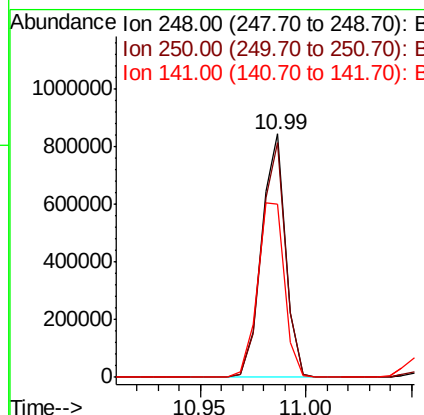
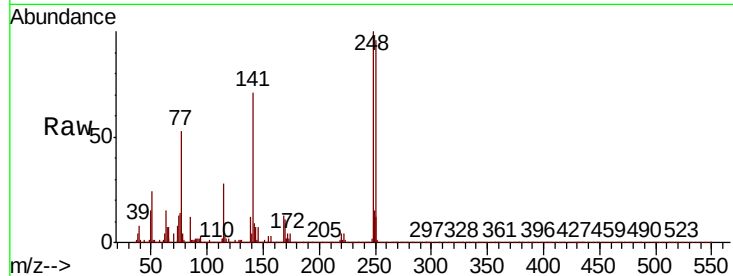
#67
4-Bromophenyl-phenylether
Concen: 40.769 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	71.2	59.5	89.3

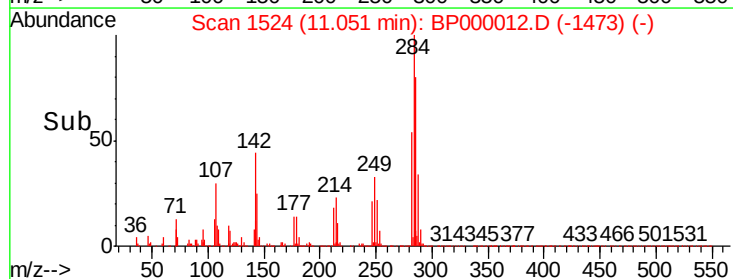
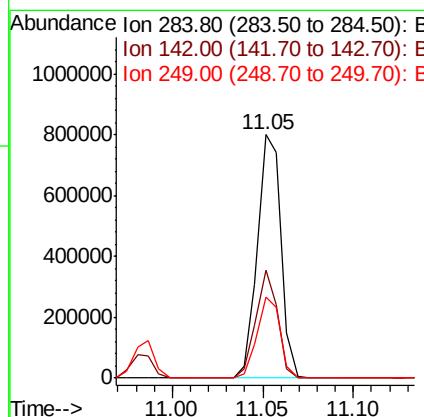
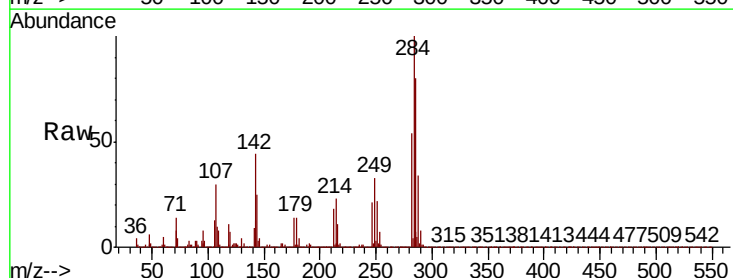
Manual Integrations
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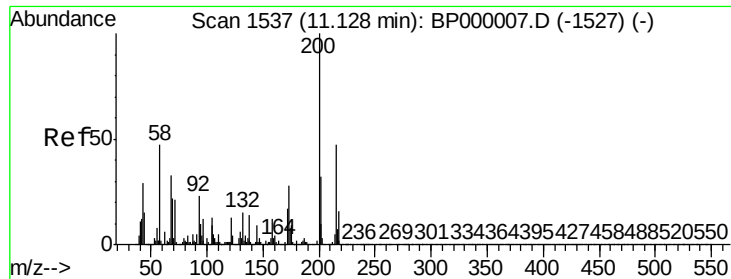
mohammad
9/4/2019 1:47:07 PM



#68
Hexachlorobenzene
Concen: 40.513 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.3	27.0	40.4#
249	33.4	24.9	37.3





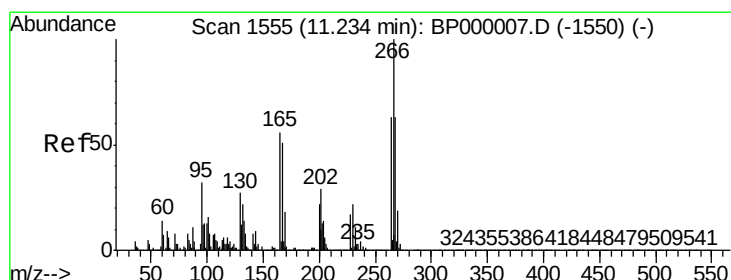
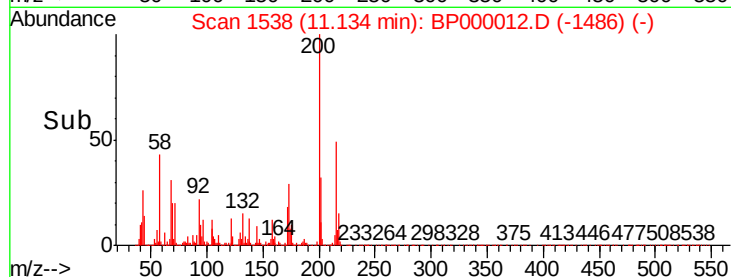
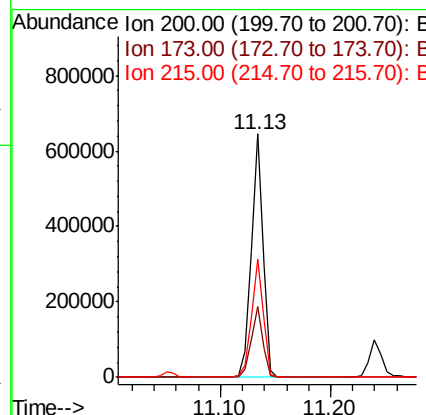
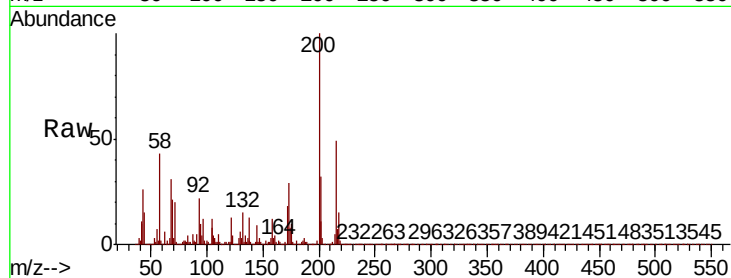
#69
Atrazine
Concen: 37.490 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.3	8.1	48.1
215	48.6	26.7	66.7

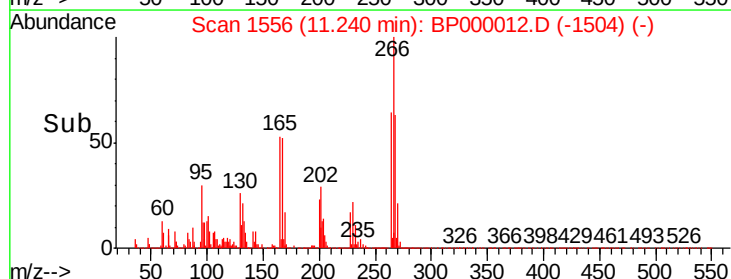
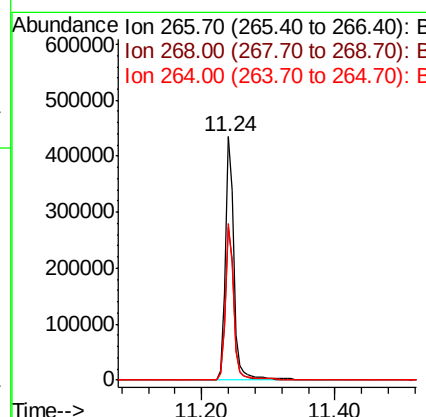
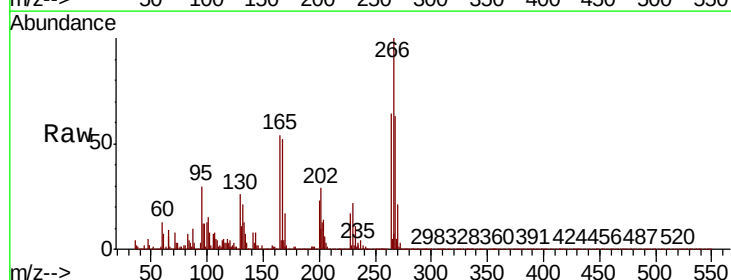
Manual Integrations
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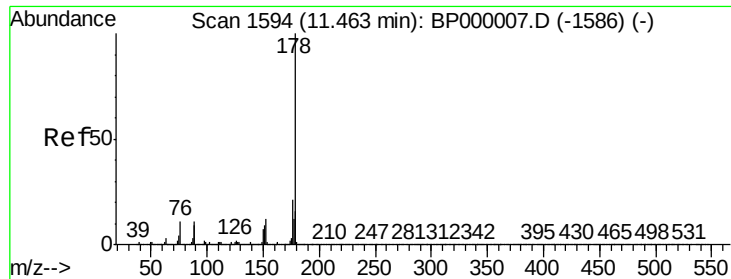
mohammad
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#70
Pentachlorophenol
Concen: 41.326 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	50.1	75.1
264	64.4	50.6	76.0





#71

Phenanthrene

Concen: 41.208 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

ClientSampleId :

ICVBP083019

Tot Ion:178 Resp: 3304782

Ion Ratio Lower Upper

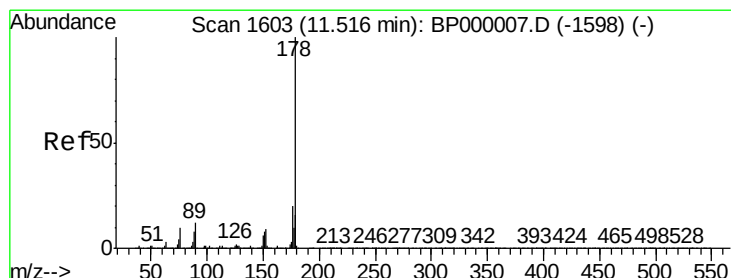
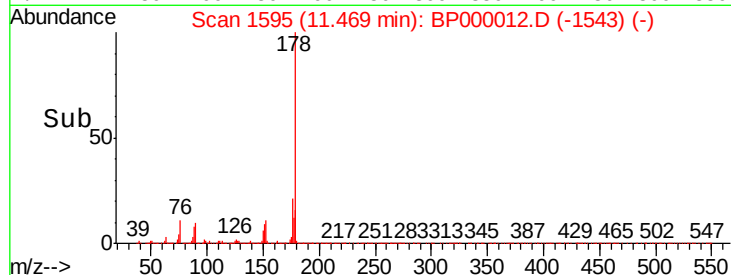
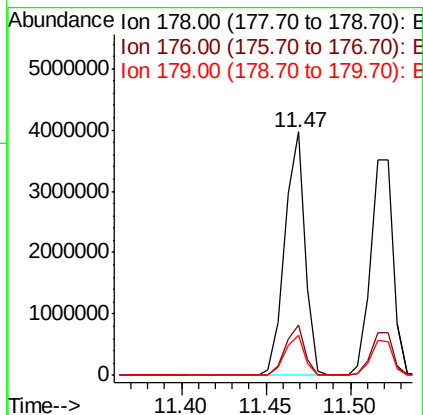
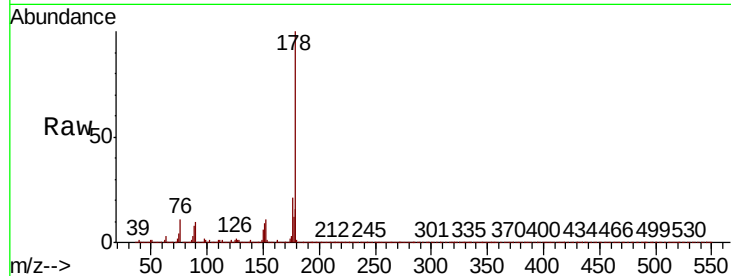
178 100

176 20.9 16.7 25.1

179 16.3 13.1 19.7

Manual Integrations
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#72

Anthracene

Concen: 41.586 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

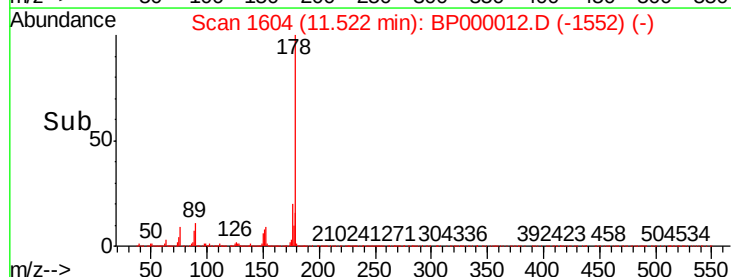
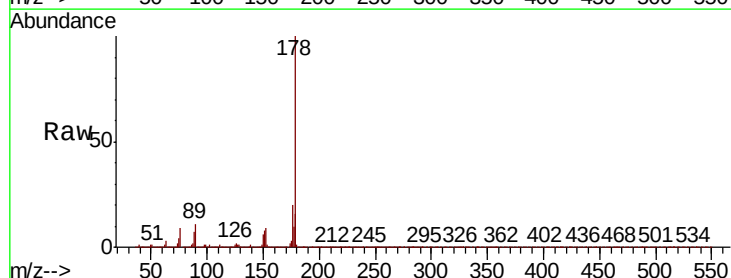
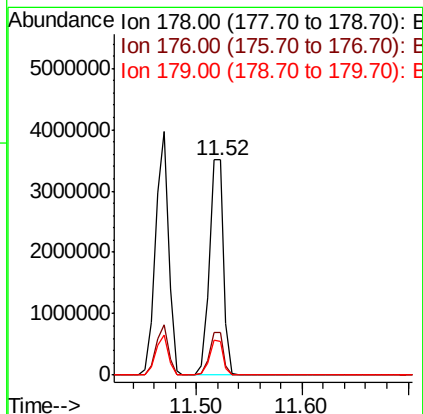
Tgt Ion:178 Resp: 3294604

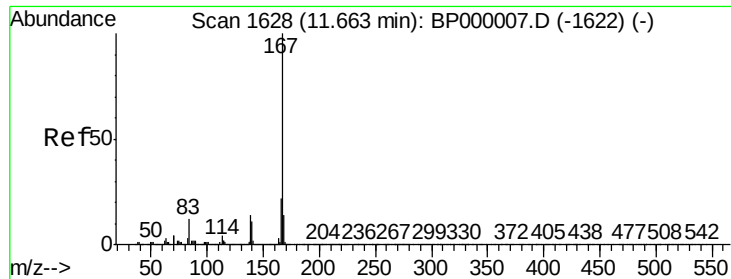
Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 15.9 13.0 19.6





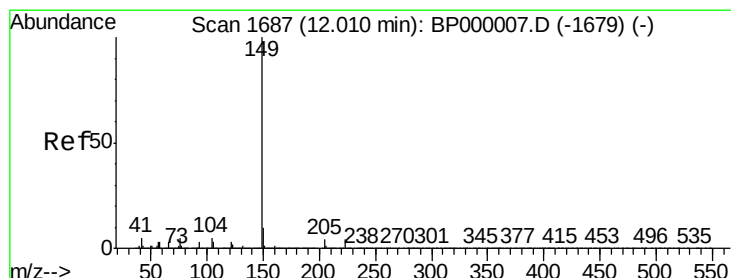
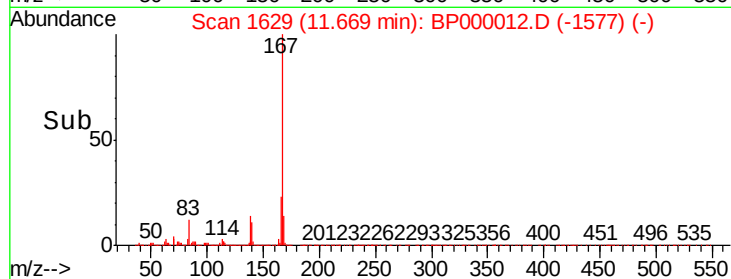
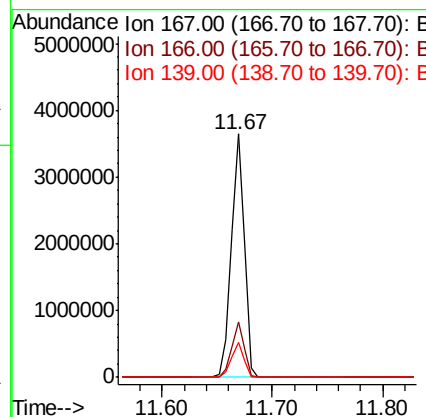
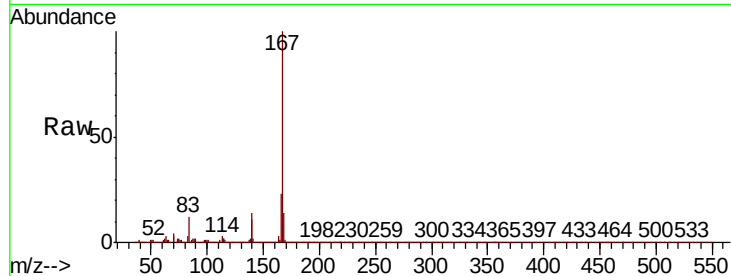
#73
 Carbazole
 Concen: 40.461 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. 0.01 min
 Lab File: BP000012.D
 Acq: 30 Aug 2019 18:35

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP083019

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.9	26.9
139	14.2	11.4	17.2

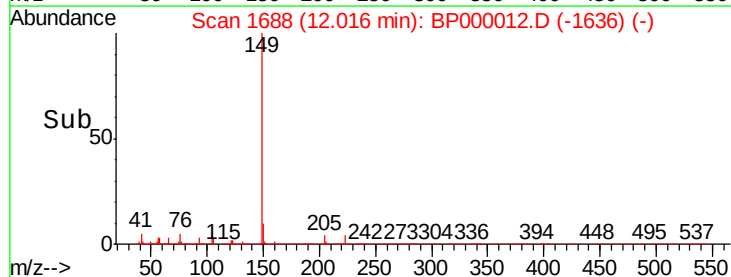
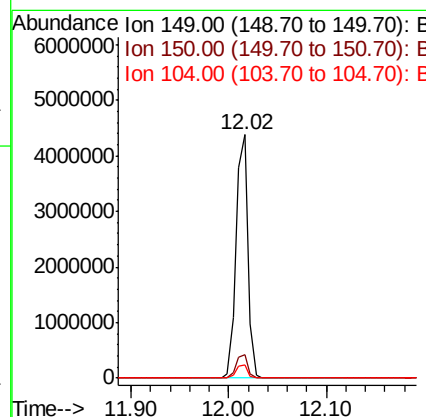
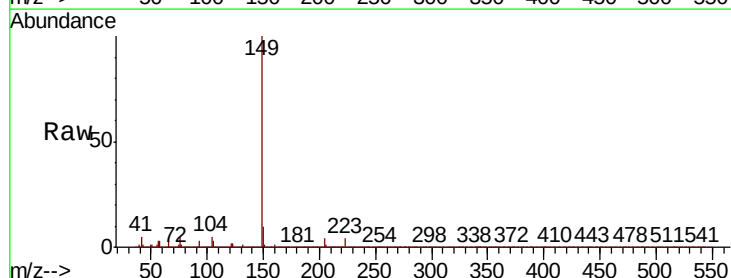
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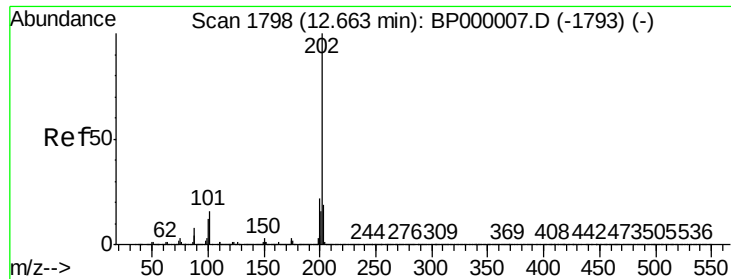
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.473 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.01 min
 Lab File: BP000012.D
 Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.3	4.4	6.6





#75

Fluoranthene

Concen: 40.333 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

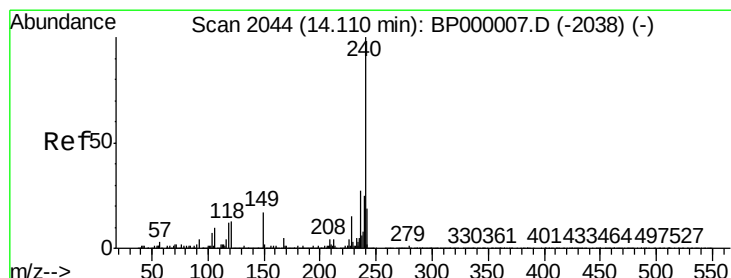
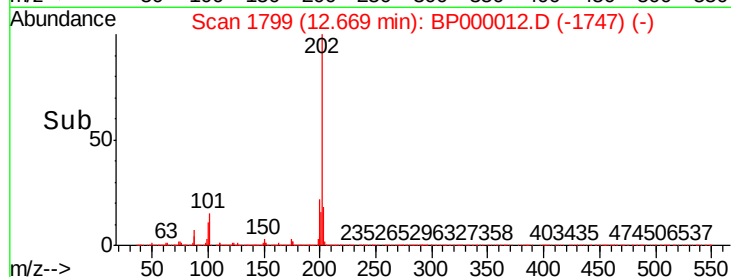
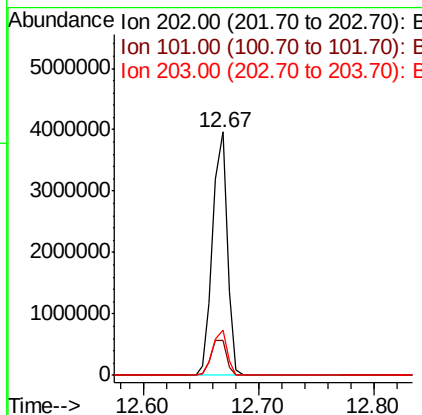
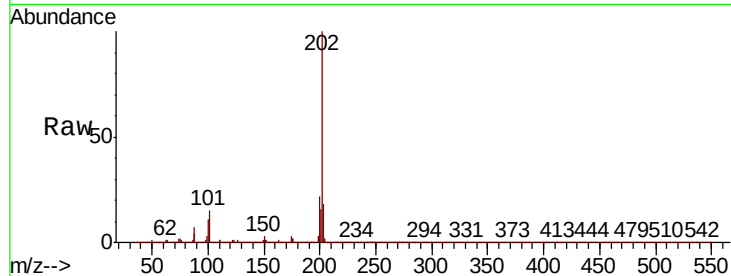
ClientSampleId :

ICVBP083019

Tot Ion:	202	Resp:	3515047
Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	36.4
203	18.5	0.0	38.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

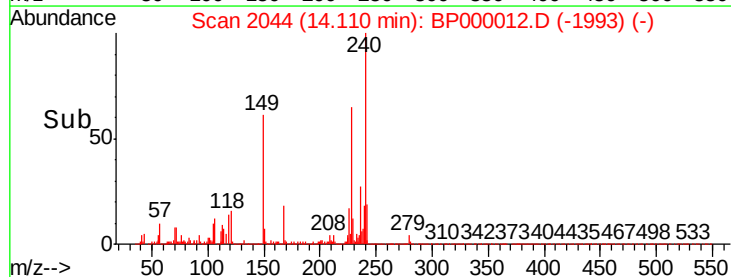
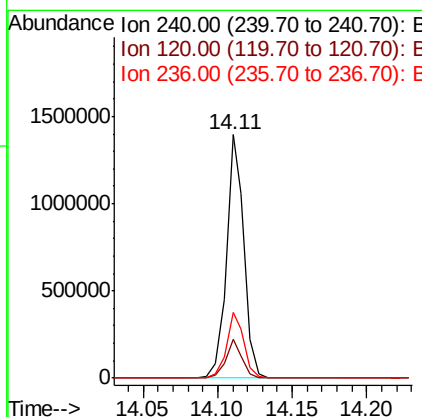
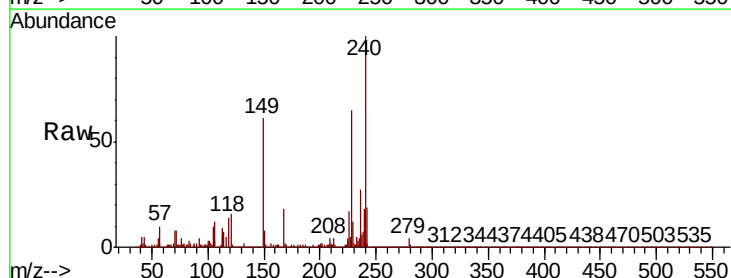
RT: 14.11 min Scan# 2044

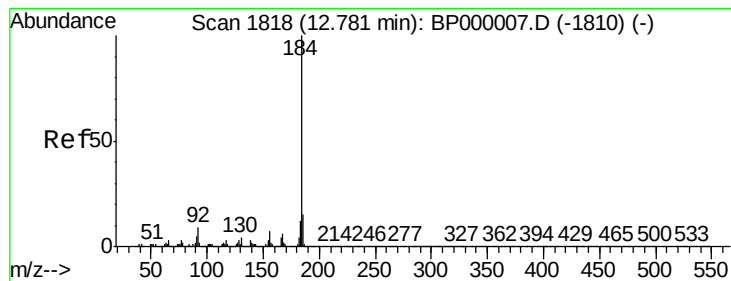
Delta R.T. -0.00 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Tgt Ion:	240	Resp:	1149171
Ion	Ratio	Lower	Upper
240	100		
120	15.8	10.5	15.7#
236	26.8	21.5	32.3





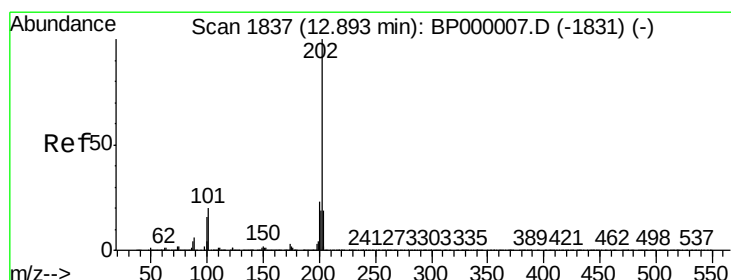
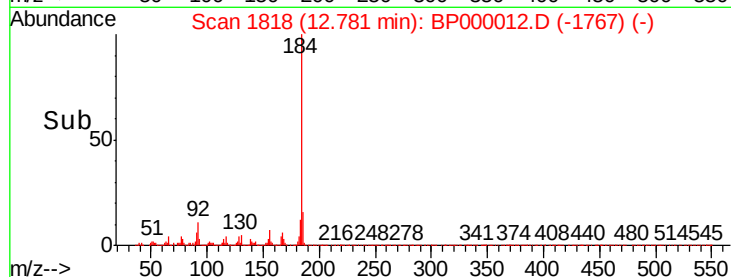
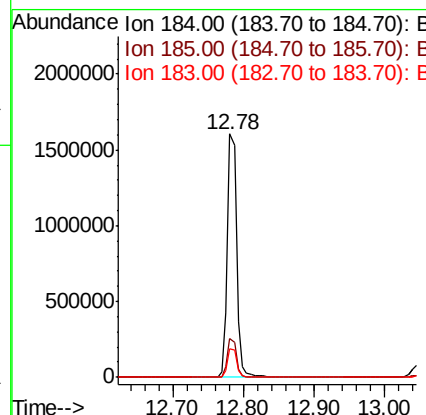
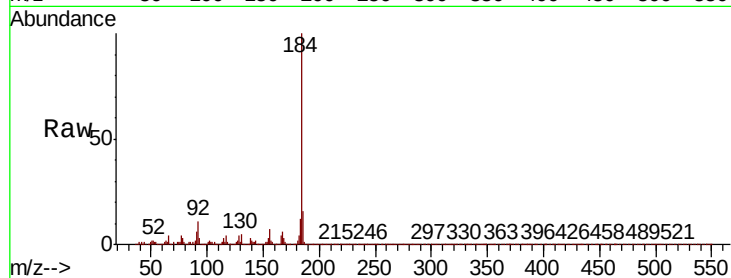
#77
Benzidine
Concen: 37.006 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.8	17.8
183	11.9	9.4	14.0

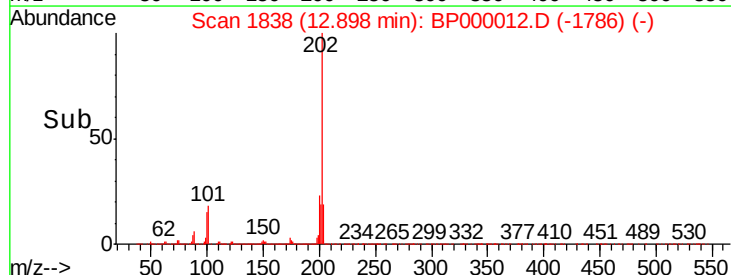
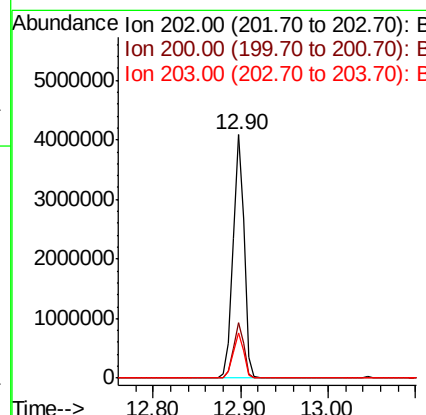
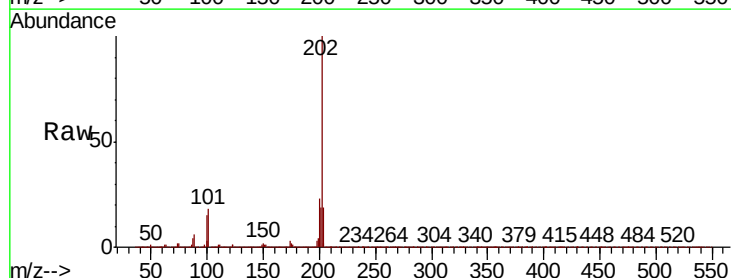
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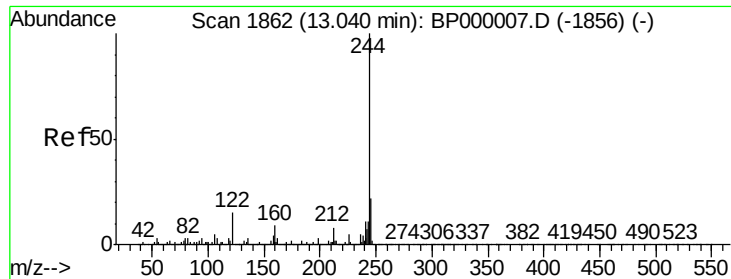
mohammad
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#78
Pyrene
Concen: 42.365 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.5	27.7
203	18.7	15.1	22.7





#79

Terphenyl-d14

Concen: 82.920 ng

RT: 13.05 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

ClientSampleId :

ICVBP083019

Tot Ion:244 Resp: 4371877

Ion Ratio Lower Upper

244 100

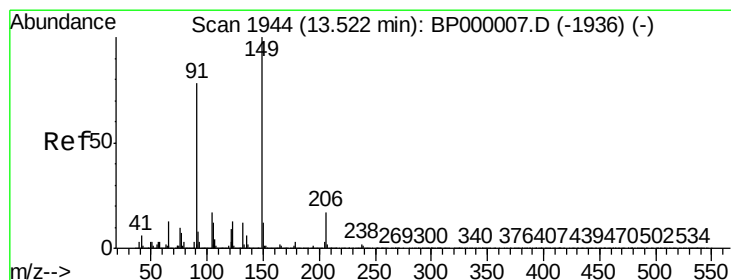
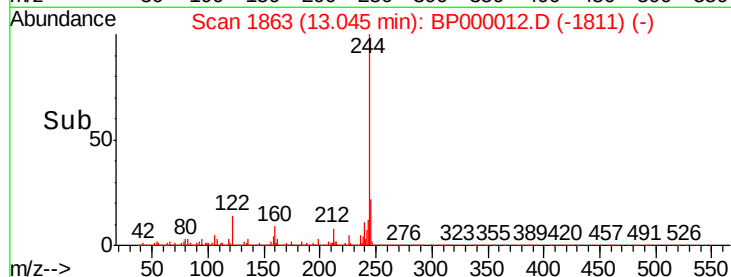
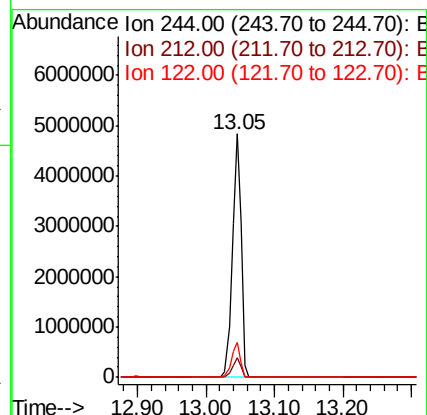
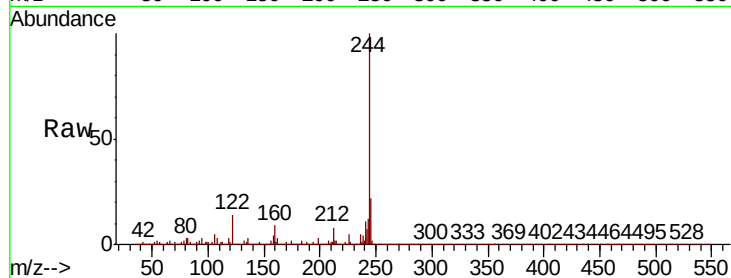
212 8.3 6.6 10.0

122 14.3 12.3 18.5

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#80

Butylbenzylphthalate

Concen: 41.150 ng

RT: 13.53 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

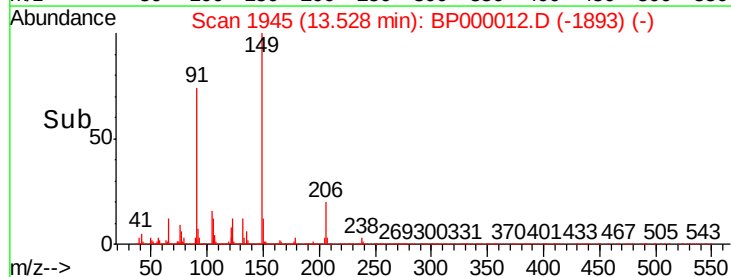
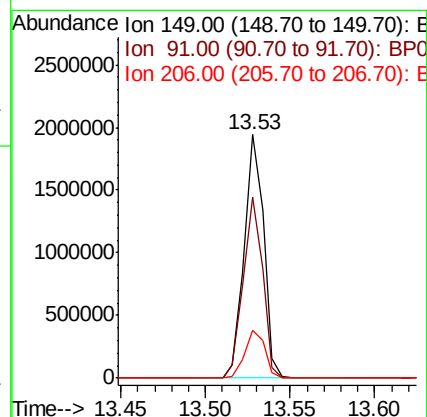
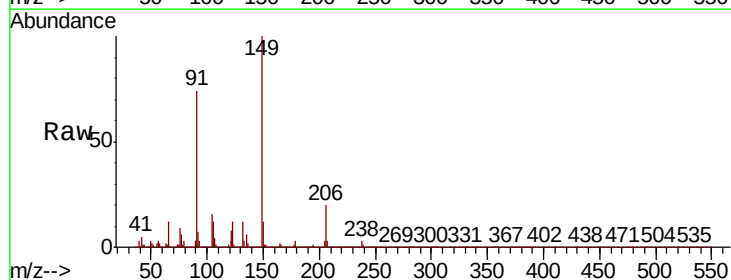
Tgt Ion:149 Resp: 1550044

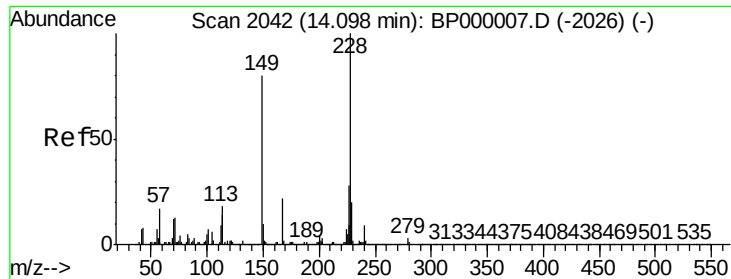
Ion Ratio Lower Upper

149 100

91 74.5 62.7 94.1

206 19.5 13.8 20.6





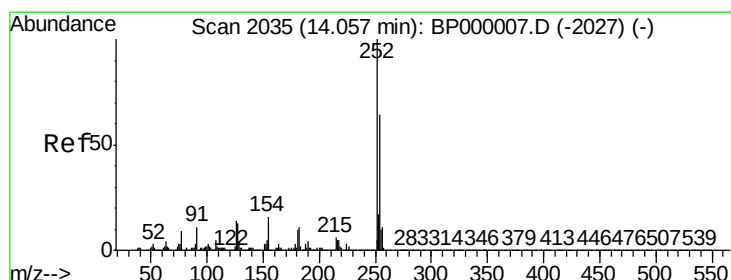
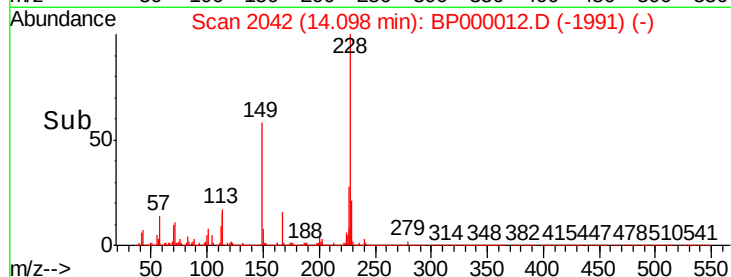
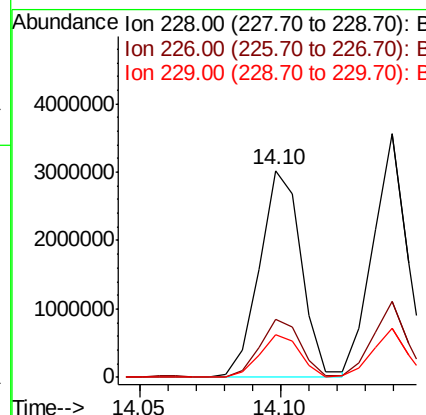
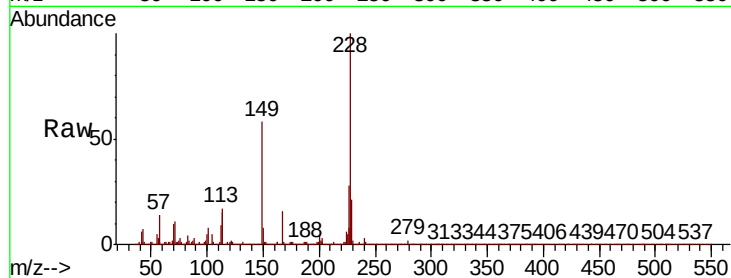
#81
Benzo(a)anthracene
Concen: 41.560 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion:228 Resp: 3094776
Ion Ratio Lower Upper
228 100
226 28.1 22.5 33.7
229 20.6 16.2 24.2

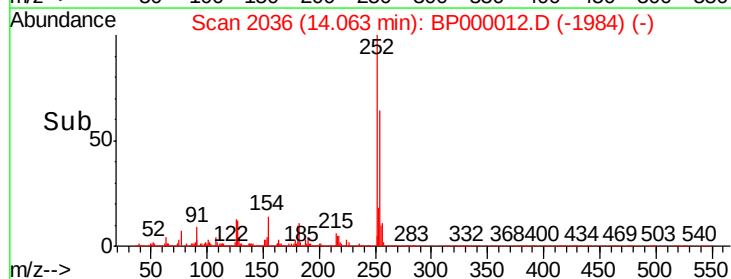
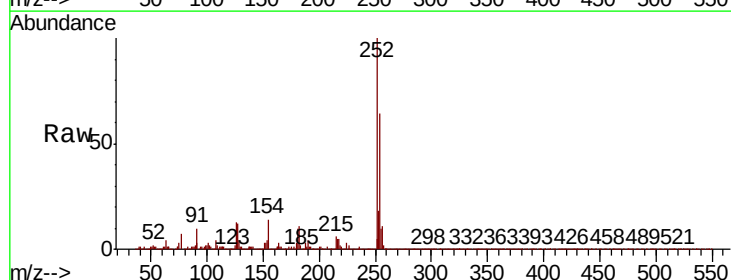
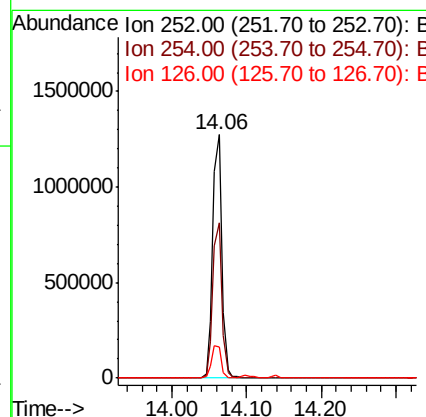
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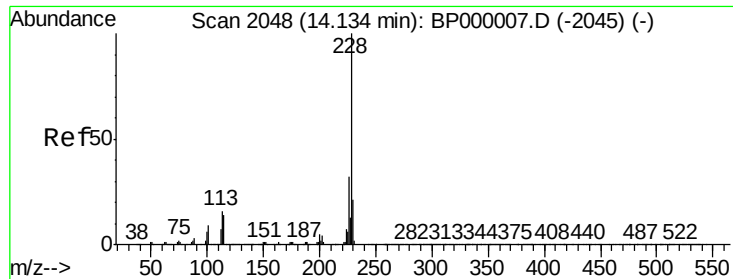
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#82
3,3'-Dichlorobenzidine
Concen: 40.026 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion:252 Resp: 1099572
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.0
126 12.7 11.1 16.7





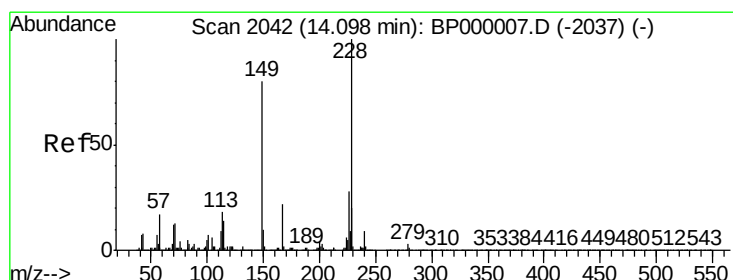
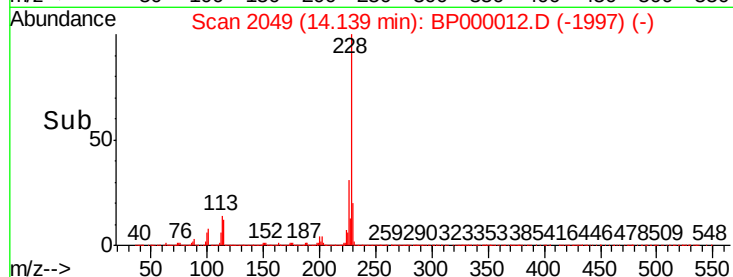
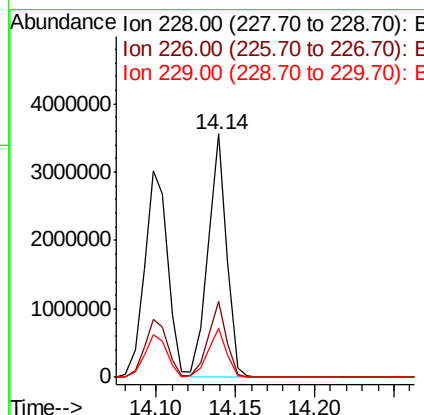
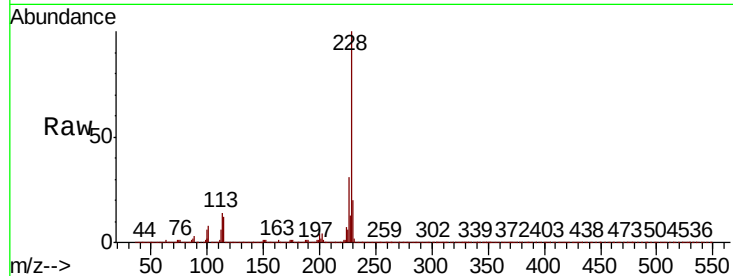
#83
Chrysene
Concen: 41.425 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.3	16.5	24.7

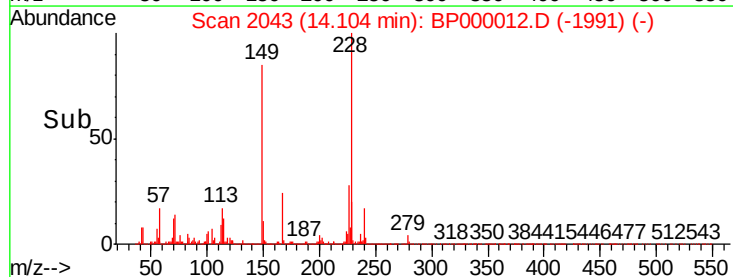
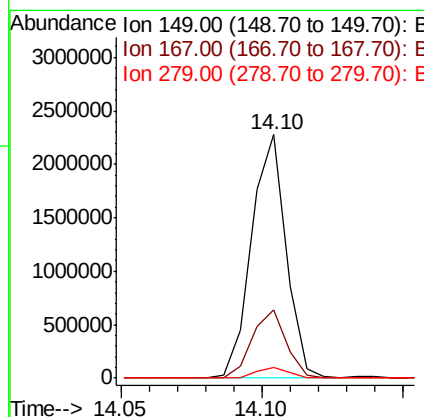
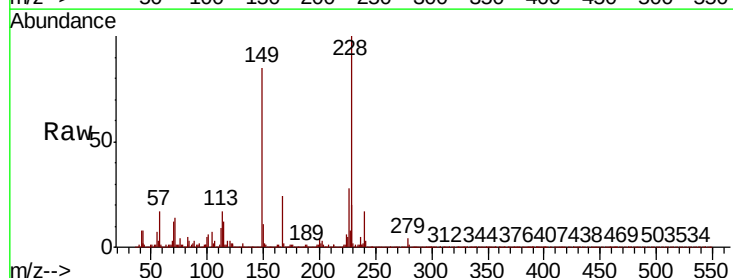
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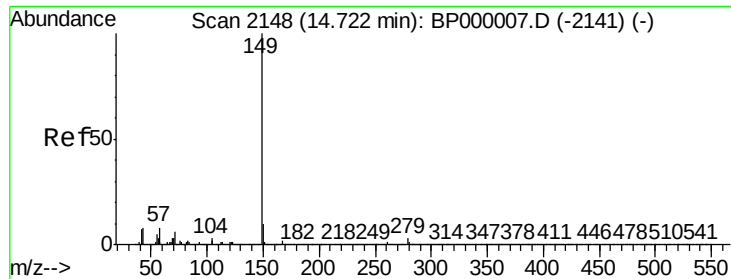
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.524 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.4	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 40.620 ng

RT: 14.73 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

ClientSampleId :

ICVBP083019

Tot Ion:149 Resp: 3508797

Ion Ratio Lower Upper

149 100

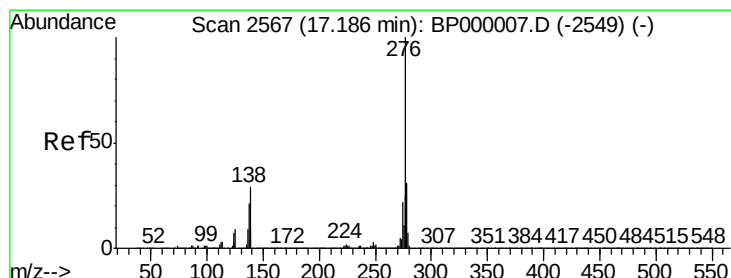
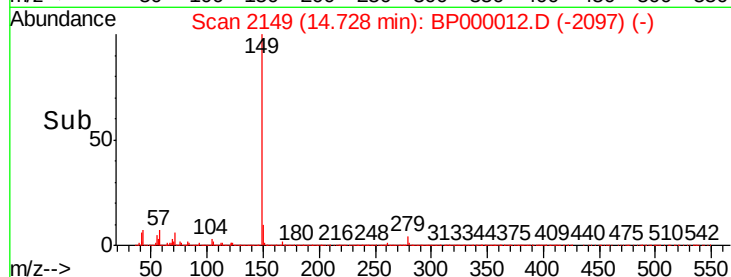
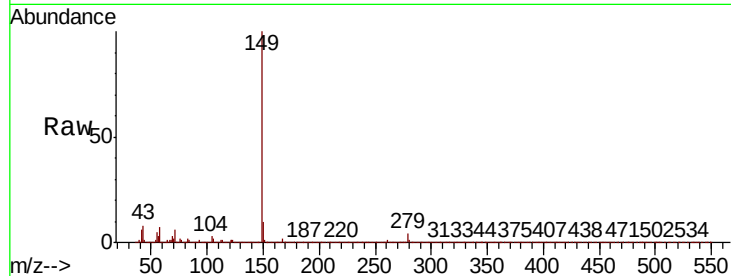
167 1.6 1.3 1.9

43 7.9 6.5 9.7

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.144 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

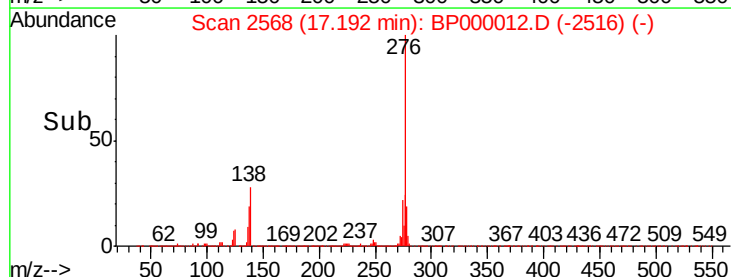
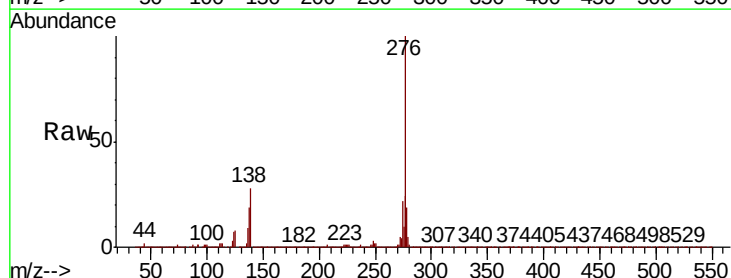
Tgt Ion:276 Resp: 3543129

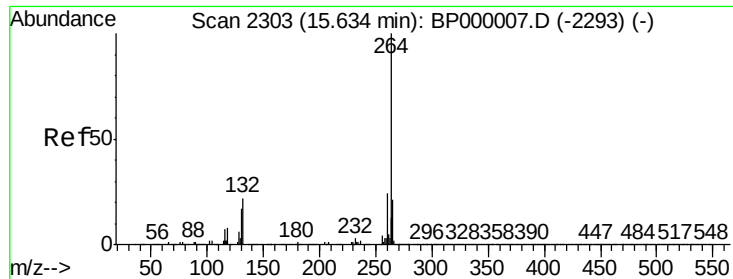
Ion Ratio Lower Upper

276 100

138 32.1 26.5 39.7

277 25.6 20.3 30.5





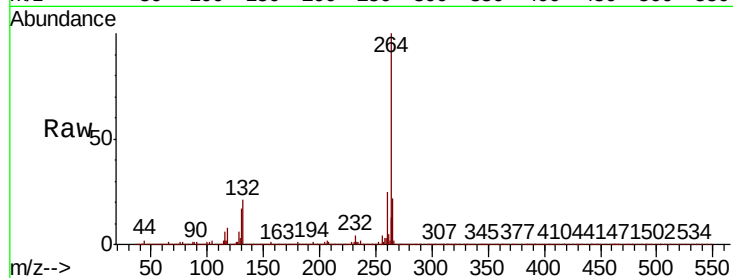
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampled :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.1	28.7
265	21.7	17.1	25.7

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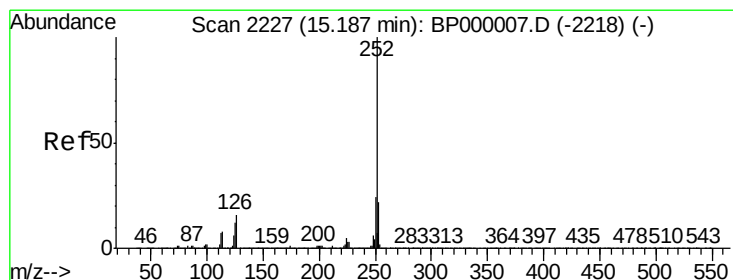
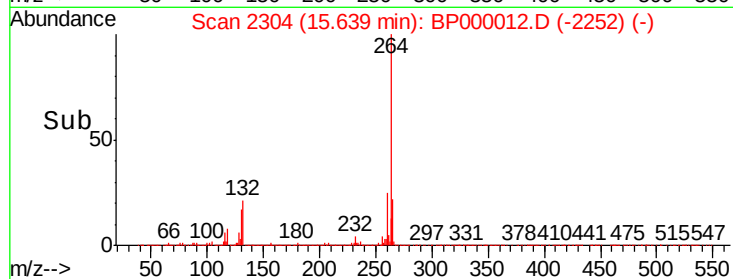
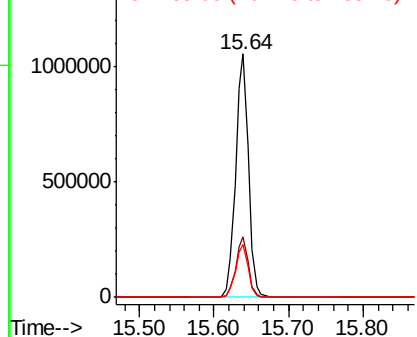


Abundance

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



#88
Benzo(b)fluoranthene
Concen: 41.098 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

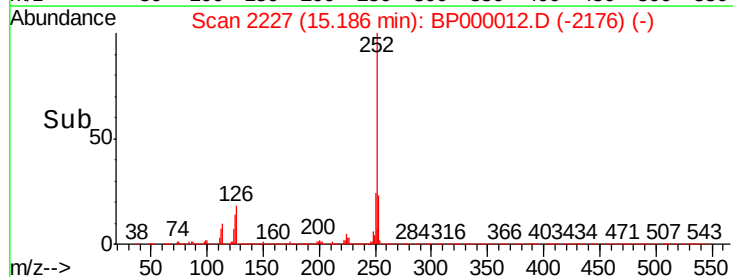
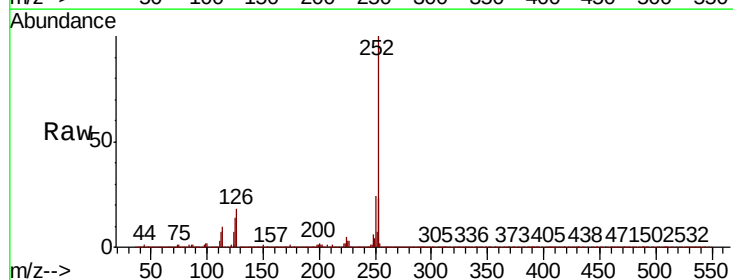
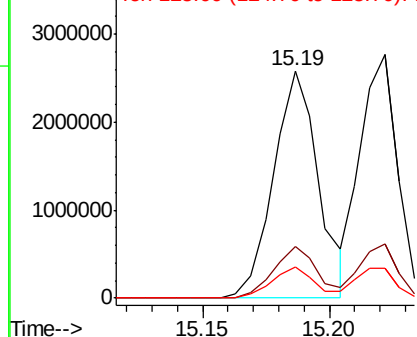
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	13.5	9.4	14.2

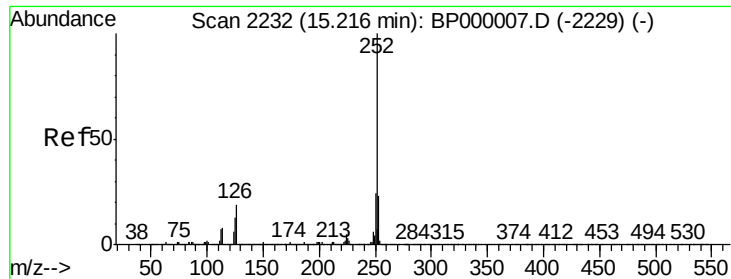
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





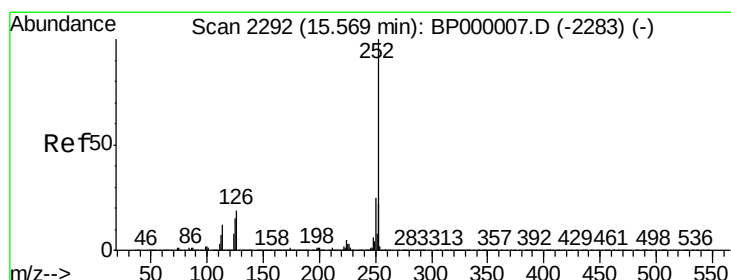
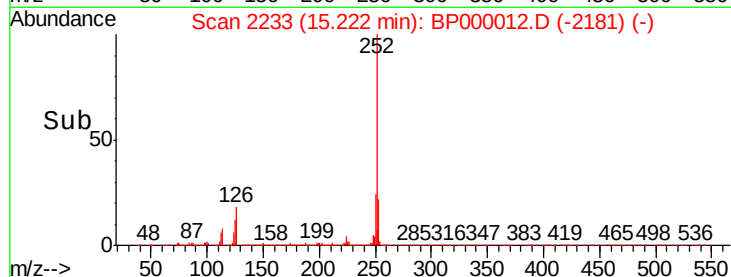
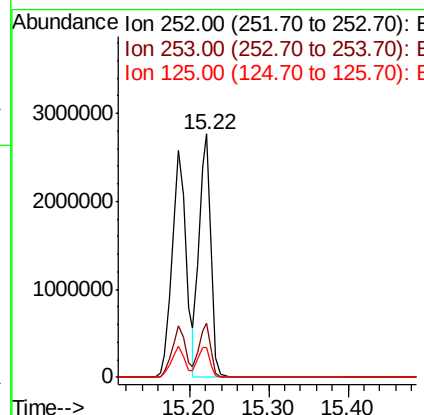
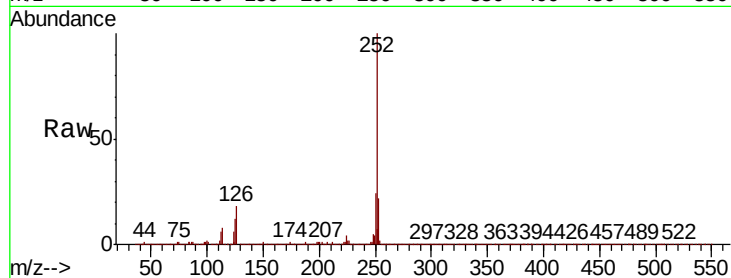
#89
Benzo(k)fluoranthene
Concen: 40.045 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP083019

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.5	10.3	15.5

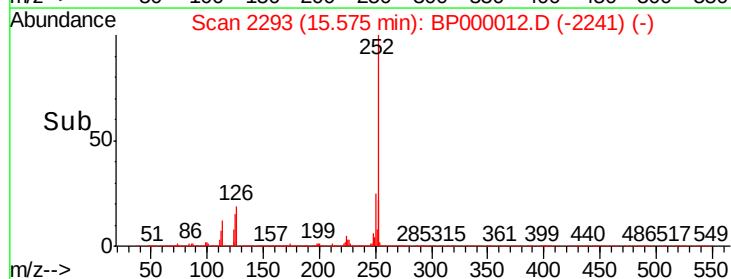
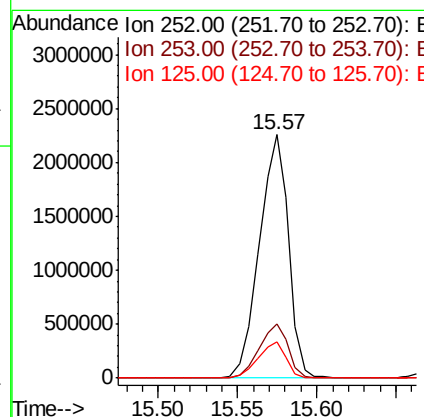
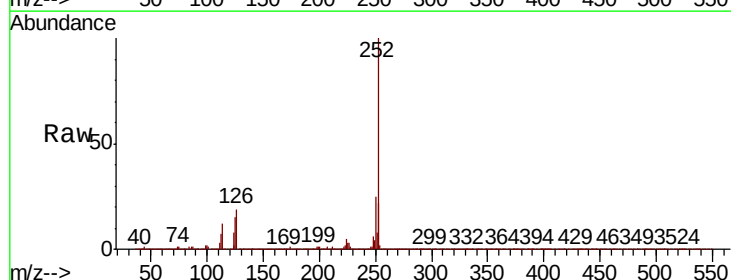
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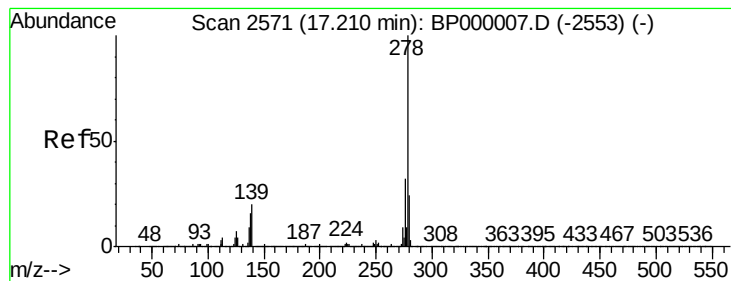
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#90
Benzo(a)pyrene
Concen: 40.977 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BP000012.D
Acq: 30 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.9	11.7	17.5





#91

Dibenzo(a,h)anthracene

Concen: 40.663 ng

RT: 17.22 min Scan# 2572

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

Instrument :

BNA_P

ClientSampleId :

ICVBP083019

Tot Ion:278 Resp: 2856930

Ion Ratio Lower Upper

278 100

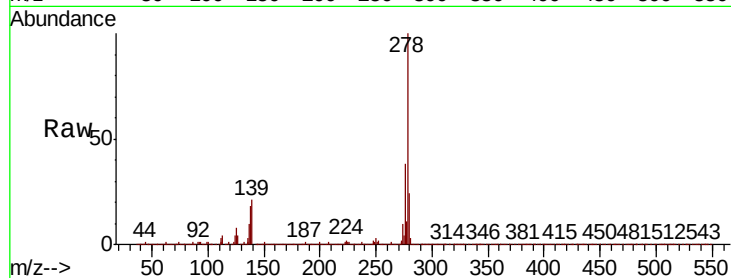
139 20.8 16.4 24.6

279 24.2 19.2 28.8

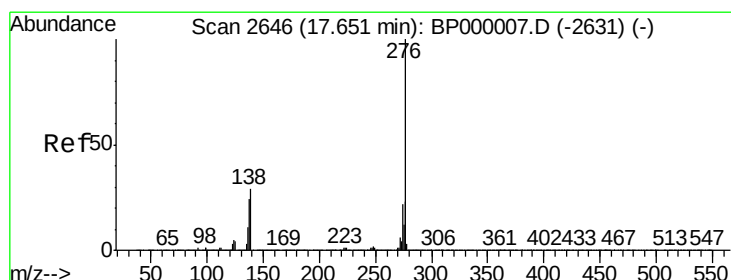
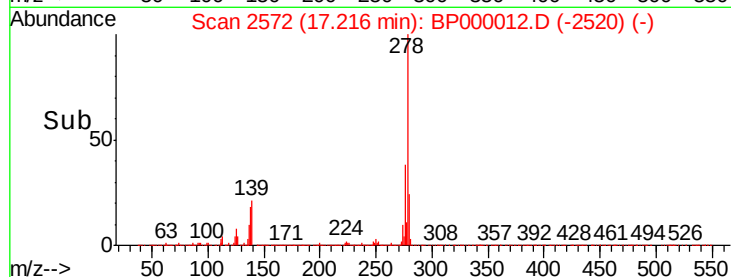
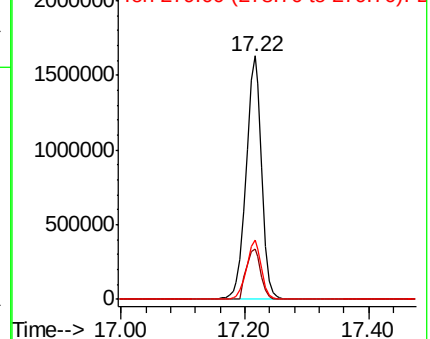
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.839 ng

RT: 17.66 min Scan# 2648

Delta R.T. 0.01 min

Lab File: BP000012.D

Acq: 30 Aug 2019 18:35

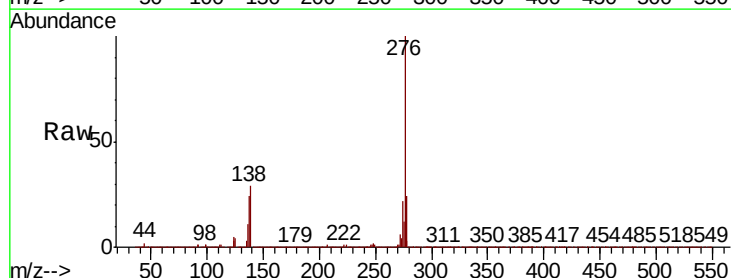
Tgt Ion:276 Resp: 2770433

Ion Ratio Lower Upper

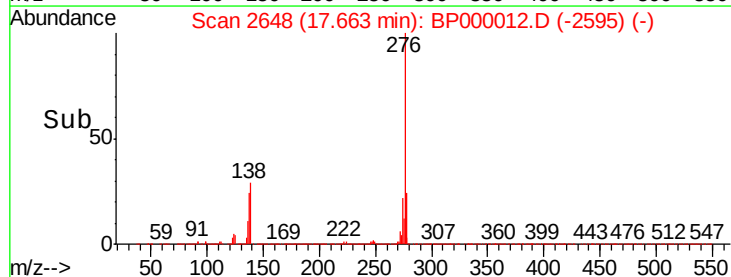
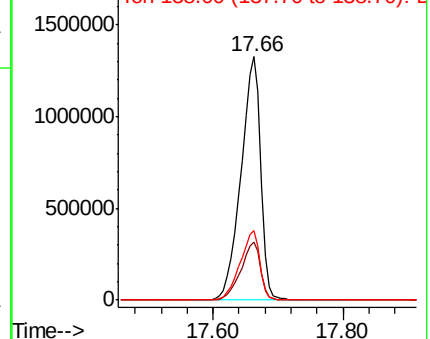
276 100

277 23.6 18.6 28.0

138 28.8 23.0 34.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000012.D
 Acq On : 30 Aug 2019 18:35
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP083019

Manual Integrations
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Quant Time: Aug 30 19:11:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	488911	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1841549	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	930975	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	1609046	20.00	ng	0.00
76) Chrysene-d12	14.11	240	1149171	20.00	ng	0.00
87) Perylene-d12	15.64	264	1274173	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2526625	82.41	ng	0.00
7) Phenol-d6	6.52	99	3121282	80.64	ng	0.00
23) Nitrobenzene-d5	7.46	82	2519700	83.96	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	631704	80.50	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4387707	78.71	ng	0.00
79) Terphenyl-d14	13.05	244	4371877	82.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	563572	39.961	ng	99
3) Pyridine	3.45	79	1558280	41.012	ng	100
4) n-Nitrosodimethylamine	3.39	42	472704	38.528	ng	95
6) Aniline	6.56	93	2225467	39.729	ng	100
8) 2-Chlorophenol	6.68	128	1310239	41.329	ng	99
9) Benzaldehyde	6.45	77	856336	35.878	ng	99
10) Phenol	6.53	94	1695495	39.427	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	1356736	39.938	ng	99
12) 1,3-Dichlorobenzene	6.84	146	1513886	40.940	ng	100
13) 1,4-Dichlorobenzene	6.92	146	1501510	40.777	ng	99
14) 1,2-Dichlorobenzene	7.07	146	1393409	41.186	ng	99
15) Benzyl Alcohol	7.03	79	1150067	40.526	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1440387	39.429	ng	97
17) 2-Methylphenol	7.14	107	1101718	40.463	ng	99
18) Hexachloroethane	7.42	117	556306	40.734	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	862292	39.145	ng	98
20) 3+4-Methylphenols	7.29	107	1391922	40.990	ng	# 87
22) Acetophenone	7.30	105	1789740	40.575	ng	# 96
24) Nitrobenzene	7.48	77	1337605	41.140	ng	95
25) Isophorone	7.72	82	2489933	39.265	ng	98
26) 2-Nitrophenol	7.79	139	573974	45.331	ng	98
27) 2,4-Dimethylphenol	7.82	122	1040558	40.726	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1652512	40.075	ng	99
29) 2,4-Dichlorophenol	8.03	162	1071163	40.771	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	1220583	40.752	ng	99
31) Naphthalene	8.20	128	3483995	41.235	ng	99
32) Benzoic acid	7.92	122	689831m	41.609	ng	
33) 4-Chloroaniline	8.25	127	1567960	39.347	ng	97
34) Hexachlorobutadiene	8.33	225	692738	41.047	ng	100
35) Caprolactam	8.60	113	361983	38.742	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	1136685	39.653	ng	98
37) 2-Methylnaphthalene	8.90	142	2389619	40.470	ng	99
38) 1-Methylnaphthalene	9.00	142	2259972	40.622	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1092232	41.449	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\
 Data File : BP000012.D
 Acq On : 30 Aug 2019 18:35
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP083019

Manual Integrations
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 9/4/2019 1:47:07 PM

Quant Time: Aug 30 19:11:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	623635	42.982	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	743211	40.898	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	779999	41.024	nq	95
46) 1,1'-Biphenyl	9.36	154	2723508	41.439	nq	98
47) 2-Chloronaphthalene	9.39	162	2251968	41.277	nq	98
48) 2-Nitroaniline	9.47	65	624278	42.363	nq	91
49) Acenaphthylene	9.80	152	3340793	41.268	nq	100
50) Dimethylphthalate	9.66	163	2566650	40.457	nq	100
51) 2,6-Dinitrotoluene	9.72	165	562926	41.804	nq	88
52) Acenaphthene	9.98	154	2067591	40.703	nq	99
53) 3-Nitroaniline	9.89	138	662665	41.193	nq	98
54) 2,4-Dinitrophenol	9.99	184	184906	41.319	nq	# 1
55) Dibenzofuran	10.15	168	2915530	40.420	nq	96
56) 4-Nitrophenol	10.03	139	469022	40.791	nq	97
57) 2,4-Dinitrotoluene	10.12	165	708569	41.217	nq	94
58) Fluorene	10.50	166	2185550	40.259	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	590993	41.052	nq	99
60) Diethylphthalate	10.37	149	2491366	39.233	nq	99
61) 4-Chlorophenyl-phenylether	10.49	204	1134116	40.194	nq	99
62) 4-Nitroaniline	10.50	138	606573	39.531	nq	97
63) Azobenzene	10.65	77	2439369	40.115	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	250477	41.665	nq	93
66) n-Nitrosodiphenylamine	10.60	169	2007019	41.984	nq	100
67) 4-Bromophenyl-phenylether	10.99	248	666670	40.769	nq	98
68) Hexachlorobenzene	11.05	284	721836	40.513	nq	# 88
69) Atrazine	11.13	200	483766	37.490	nq	97
70) Pentachlorophenol	11.24	266	398981	41.326	nq	99
71) Phenanthrene	11.47	178	3304782	41.208	nq	100
72) Anthracene	11.52	178	3294604	41.586	nq	99
73) Carbazole	11.67	167	3025604	40.461	nq	100
74) Di-n-butylphthalate	12.02	149	3669812	40.473	nq	99
75) Fluoranthene	12.67	202	3515047	40.333	nq	98
77) Benzidine	12.78	184	1467242	37.006	nq	98
78) Pyrene	12.90	202	3581541	42.365	nq	100
80) Butylbenzylphthalate	13.53	149	1550044	41.150	nq	95
81) Benzo(a)anthracene	14.10	228	3094776	41.560	nq	100
82) 3,3'-Dichlorobenzidine	14.06	252	1099572	40.026	nq	99
83) Chrysene	14.14	228	2917797	41.425	nq	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	1937464	39.524	nq	100
85) Di-n-octyl phthalate	14.73	149	3508797	40.620	nq	100
86) Indeno(1,2,3-cd)pyrene	17.19	276	3543129	40.144	nq	99
88) Benzo(b)fluoranthene	15.19	252	3198582	41.098	nq	98
89) Benzo(k)fluoranthene	15.22	252	2852087	40.045	nq	99
90) Benzo(a)pyrene	15.57	252	2878888	40.977	nq	99
91) Dibenzo(a,h)anthracene	17.22	278	2856930	40.663	nq	99
92) Benzo(g,h,i)perylene	17.66	276	2770433	39.839	nq	100

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