

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
 Data File : BP003262.D
 Acq On : 11 Sep 2020 16:09
 Operator : CG/JU
 Sample : L3953-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 N2930S

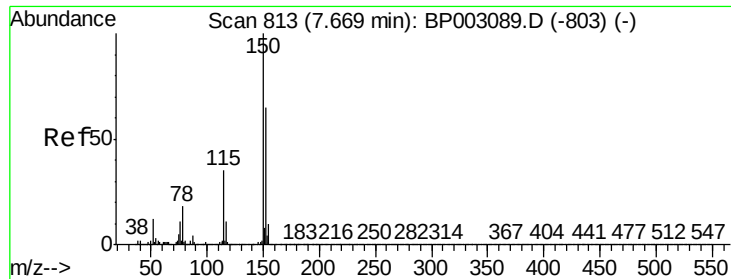
Manual Integrations
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Quant Time: Sep 14 09:13:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	152047	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	523388	20.00	ng	0.01
39) Acenaphthene-d10	14.29	164	368938	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	753339	20.00	ng	0.00
76) Chrysene-d12	21.14	240	810833	20.00	ng	0.00
86) Perylene-d12	23.38	264	890225	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	390072	45.36	ng	0.00
7) Phenol-d6	6.85	99	281298	26.09	ng	0.01
23) Nitrobenzene-d5	8.80	82	674621	92.92	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	641137	128.49	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	1828328	72.57	ng	0.00
79) Terphenyl-d14	19.63	244	2586001	70.18	ng	0.00
Target Compounds						
10) Phenol	6.87	94	120689	12.080	ng	85
15) Benzyl Alcohol	7.90	79	15639	2.575	ng	93
17) 2-Methylphenol	8.11	107	25968	3.649	ng	99
20) 3+4-Methylphenols	8.45	107	23871	2.489	ng	# 1
22) Acetophenone	8.46	105	323186	27.728	ng	# 84
27) 2,4-Dimethylphenol	9.65	122	56639m	8.865	ng	
31) Naphthalene	10.55	128	40929418	1522.099	ng	# 88
32) Benzoic acid	9.76	122	11585	10.901	ng	92
37) 2-Methylnaphthalene	12.12	142	6453518	335.492	ng	97
38) 1-Methylnaphthalene	12.35	142	7442865	407.086	ng	99
46) 1,1'-Biphenyl	13.12	154	665131	24.035	ng	100
49) Acenaphthylene	14.01	152	169541	4.950	ng	# 70
50) Dimethylphthalate	13.75	163	97607	3.469	ng	# 94
52) Acenaphthene	14.36	154	1172124	55.701	ng	100
55) Dibenzofuran	14.69	168	316427	9.575	ng	# 93
58) Fluorene	15.35	166	1140330	44.793	ng	99
71) Phenanthrene	17.09	178	1897613	46.487	ng	99
72) Anthracene	17.18	178	481478	12.324	ng	99
73) Carbazole	17.45	167	237982	6.347	ng	98
75) Fluoranthene	19.07	202	293315	6.217	ng	99
78) Pyrene	19.42	202	436454	8.294	ng	100

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



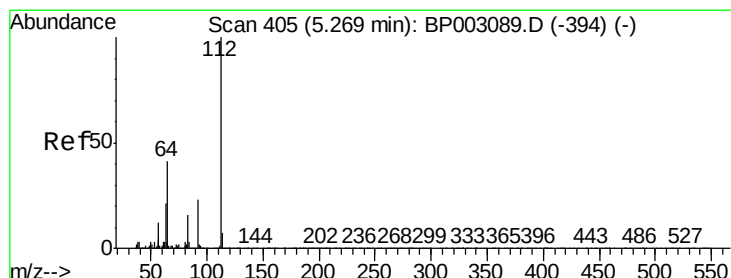
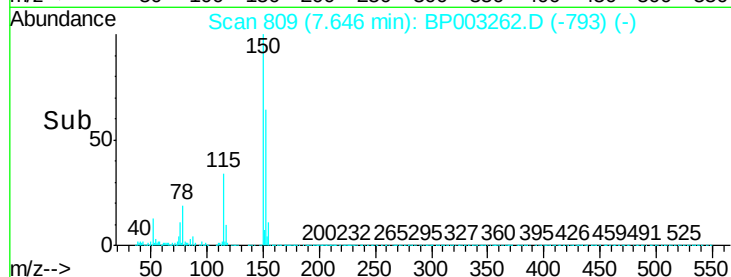
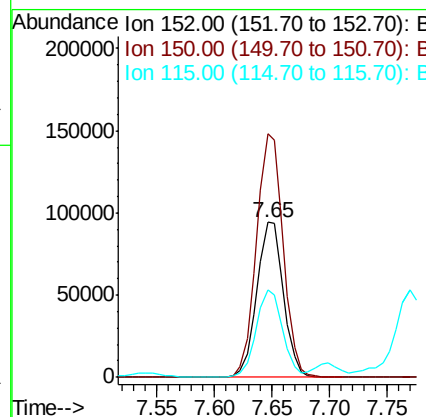
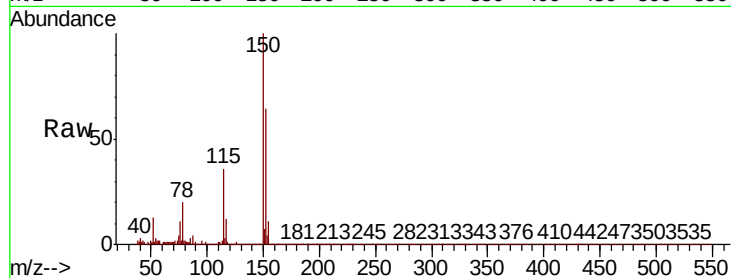
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.65 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BP003262.D
 Acq: 11 Sep 2020 16:09

Instrument :
 BNA_P
 ClientSampled :
 N2930S

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	56.0	43.8	65.6

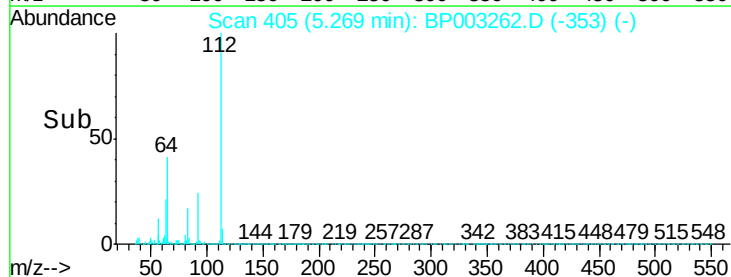
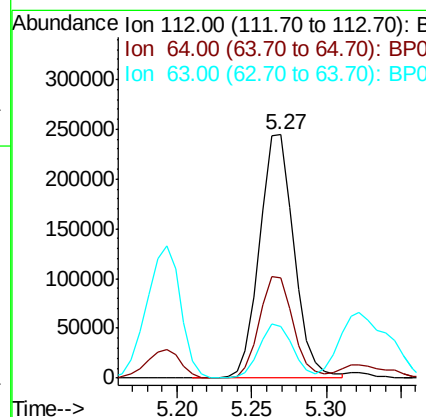
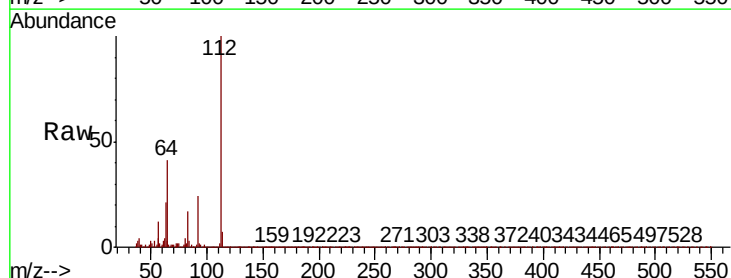
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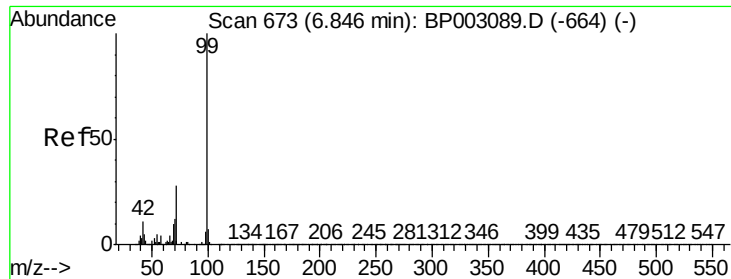
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#5
 2-Fluorophenol
 Concen: 45.358 ng
 RT: 5.27 min Scan# 405
 Delta R.T. 0.01 min
 Lab File: BP003262.D
 Acq: 11 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.2	32.8	49.2
63	21.4	17.0	25.4





#7

Phenol-d6

Concen: 26.093 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.01 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Instrument :

BNA_P

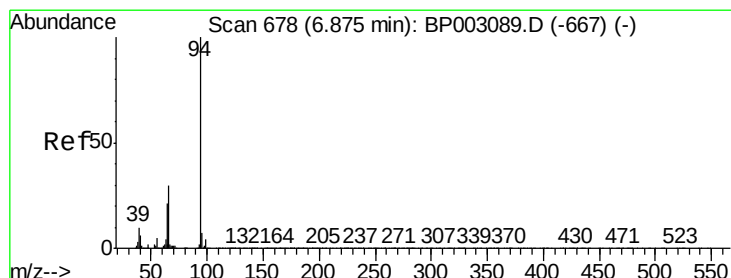
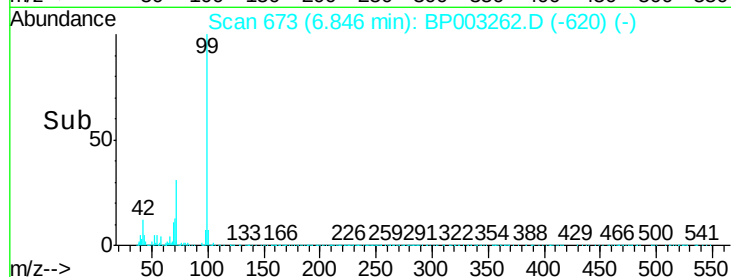
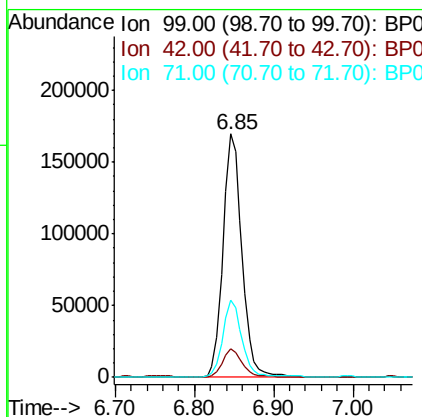
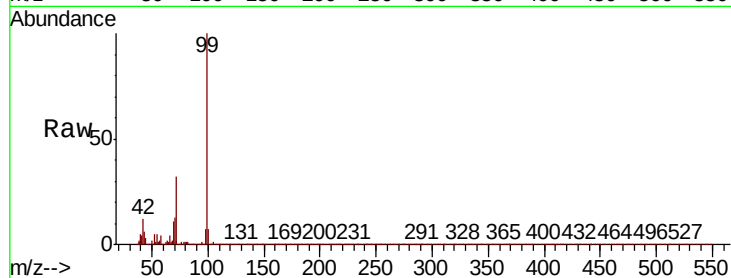
ClientSampled :

N2930S

Tot Ion:	99	Resp:	281298
Ion Ratio		Lower	Upper
99	100		
42	11.9	8.6	13.0
71	31.6	23.4	35.2

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#10

Phenol

Concen: 12.080 ng

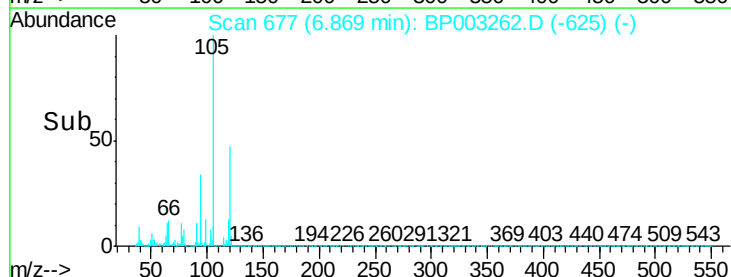
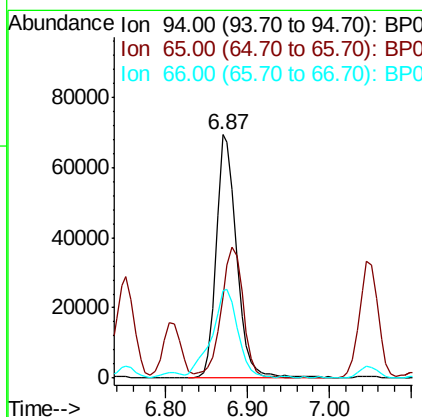
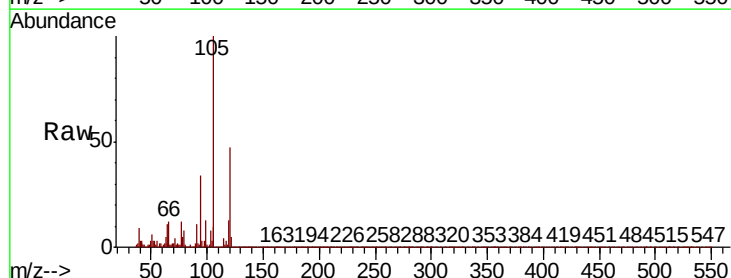
RT: 6.87 min Scan# 677

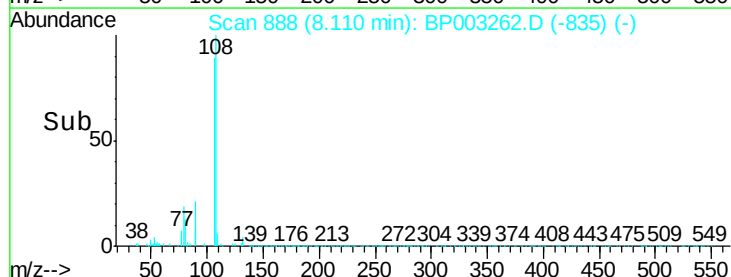
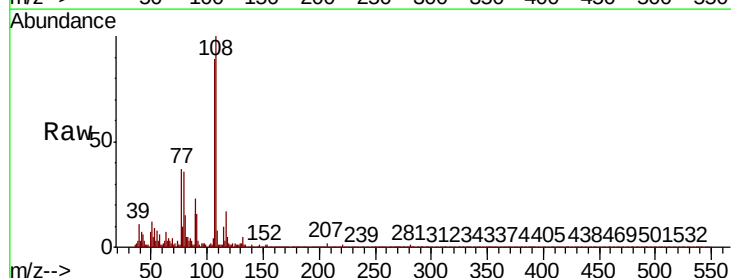
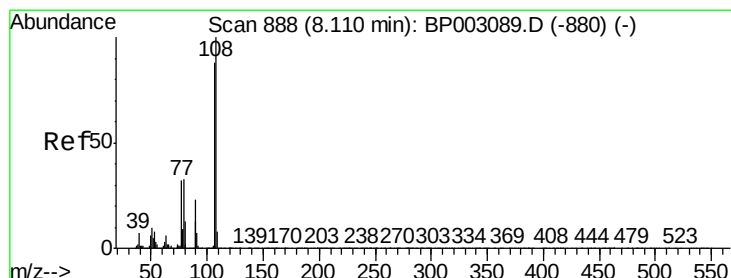
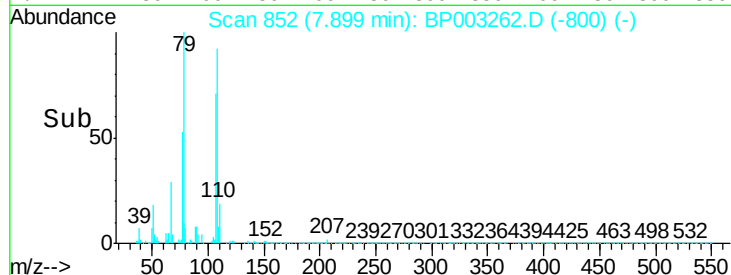
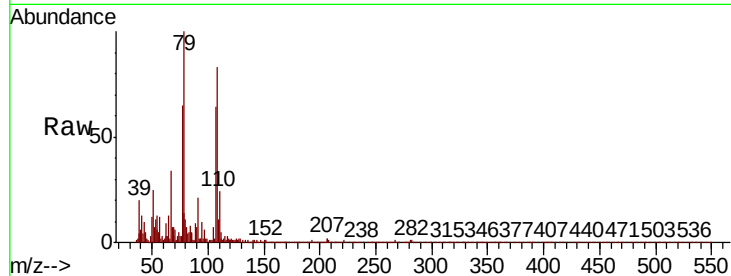
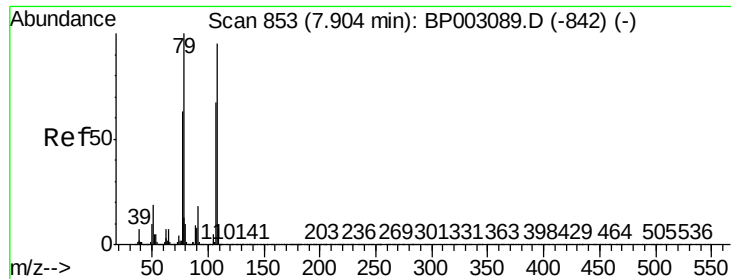
Delta R.T. 0.01 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Tgt Ion:	94	Resp:	120689
Ion Ratio		Lower	Upper
94	100		
65	33.1	2.3	42.3
66	36.0	10.9	50.9





#15

Benzyl Alcohol

Concen: 2.575 ng

RT: 7.90 min Scan# 852

Delta R.T. 0.01 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Tot Ion:	79	Resp:	15639
Ion Ratio	Lower	Upper	
79	100		
108	82.8	73.5	110.3
77	64.5	50.3	75.5

Instrument :

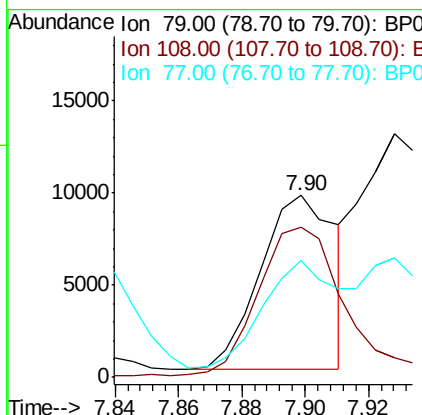
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ClientSampled :

N2930S

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#17

2-Methylphenol

Concen: 3.649 ng

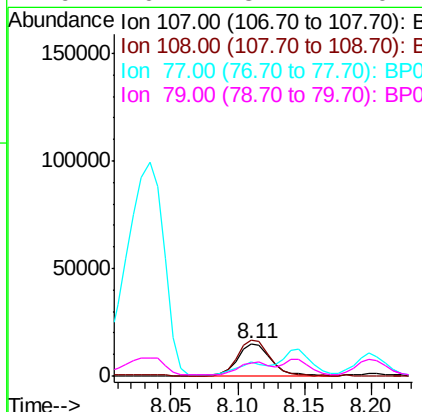
RT: 8.11 min Scan# 888

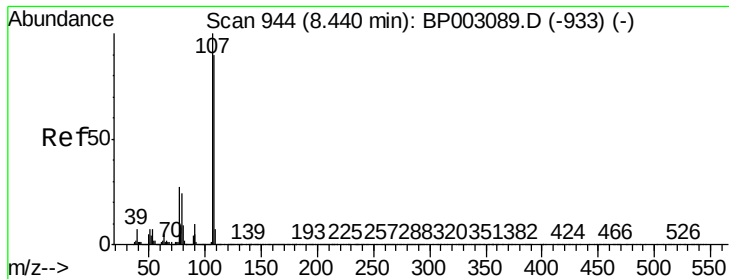
Delta R.T. 0.01 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Tgt Ion:	107	Resp:	25968
Ion Ratio	Lower	Upper	
107	100		
108	111.8	89.6	134.4
77	41.7	31.8	47.6
79	40.4	31.1	46.7





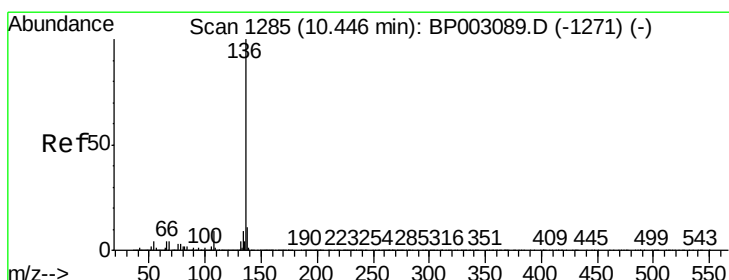
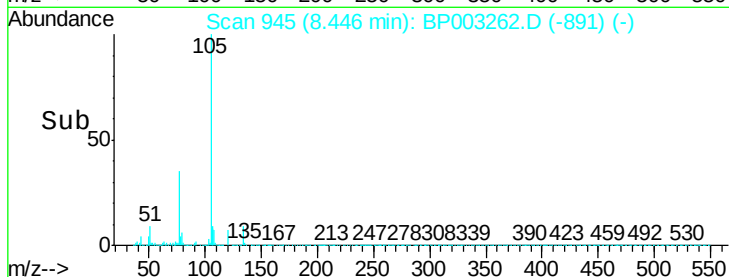
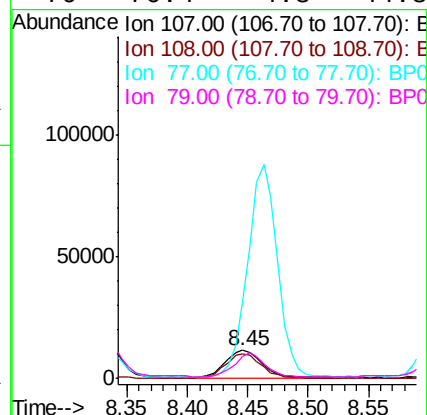
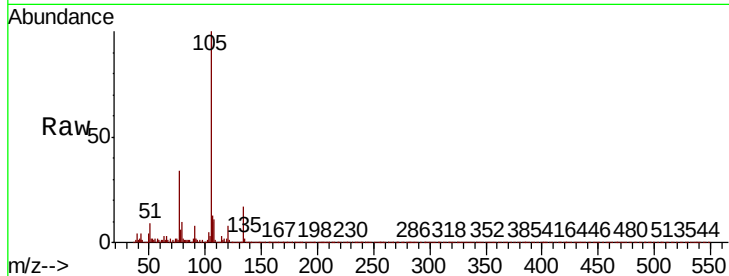
#20
3+4-Methylphenols
Concen: 2.489 ng
RT: 8.45 min Scan# 945
Delta R.T. 0.02 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Instrument :
BNA_P
ClientSampled :
N2930S

Tot Ion:	107	Resp:	23871
Ion Ratio	Lower	Upper	
107	100		
108	88.2	69.0	109.0
77	269.0	8.5	48.5#
79	76.4	4.8	44.8#

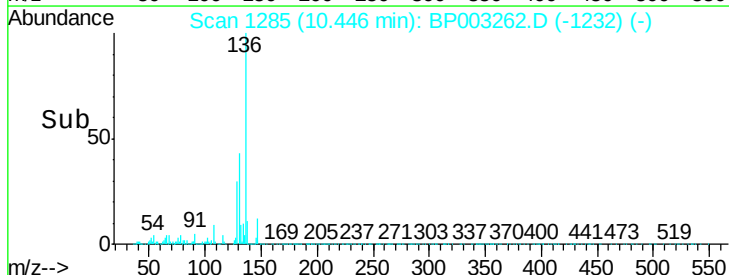
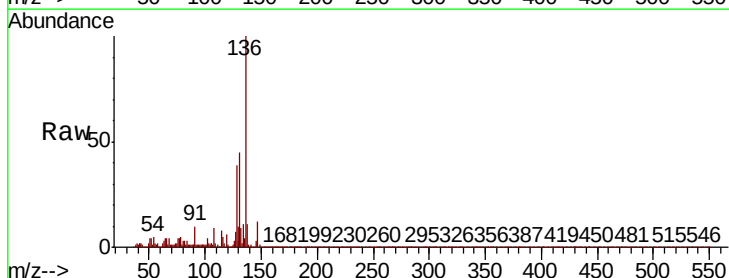
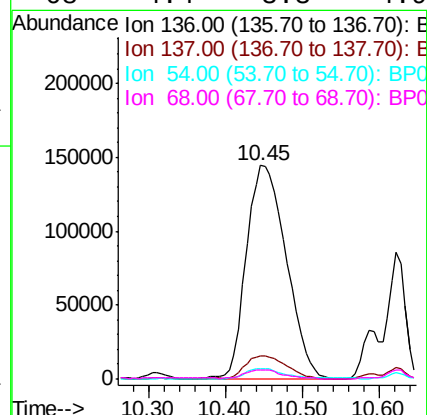
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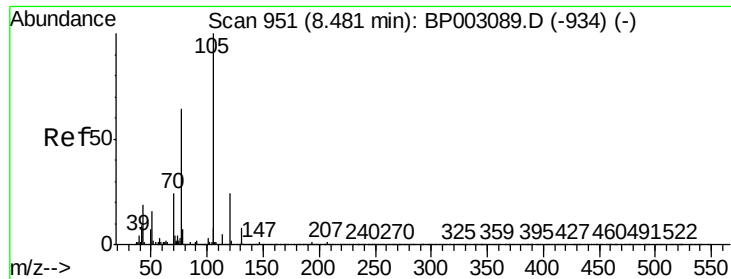
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Tgt Ion:	136	Resp:	523388
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	4.6	3.6	5.4
68	4.4	3.3	4.9





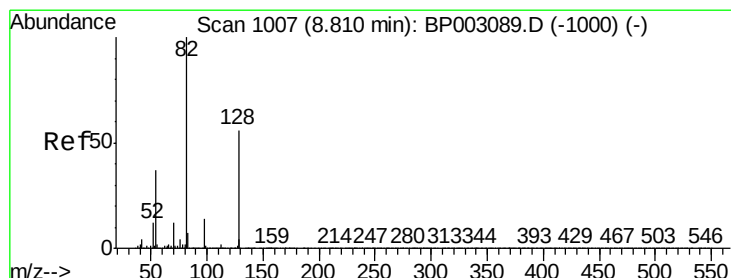
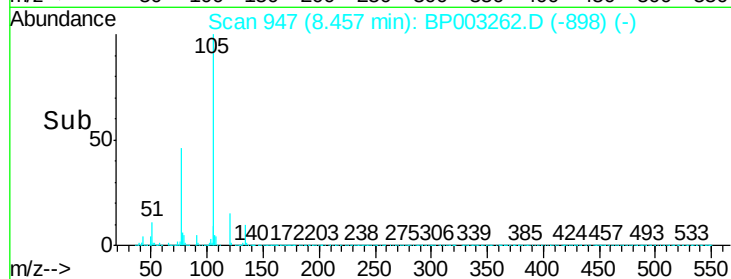
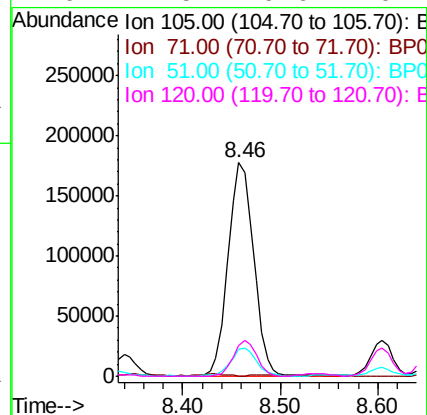
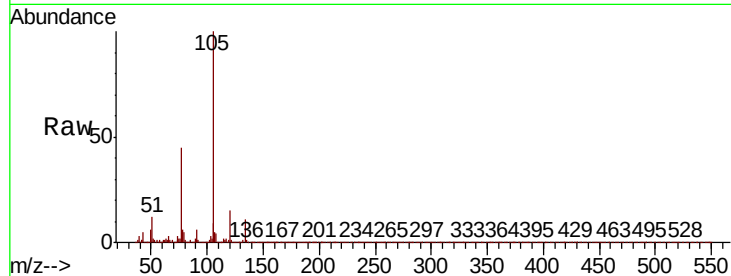
#22
Acetophenone
Concen: 27.728 ng
RT: 8.46 min Scan# 947
Delta R.T. -0.01 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Instrument :
BNA_P
ClientSampleID :
N2930S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100			
71	71	0.3	2.6	3.8#	
51	51	12.4	13.5	20.3#	
120	120	14.5	19.6	29.4#	

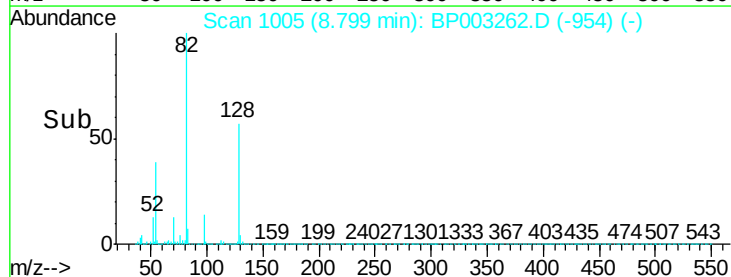
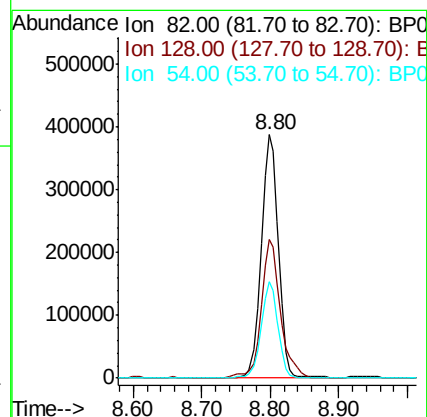
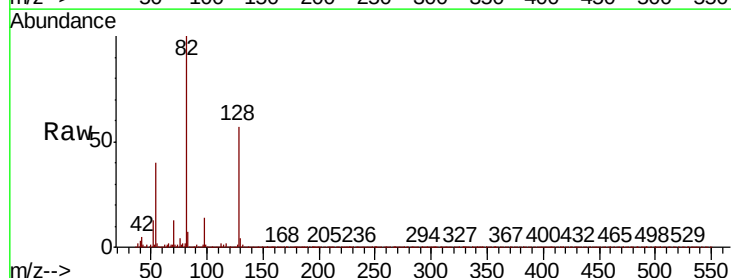
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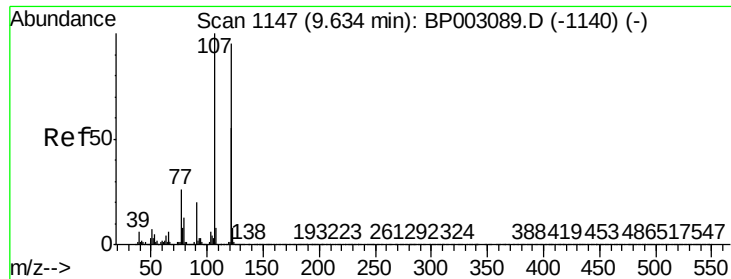
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#23
Nitrobenzene-d5
Concen: 92.921 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100			
128	128	57.0	45.6	68.4	
54	54	39.5	30.1	45.1	





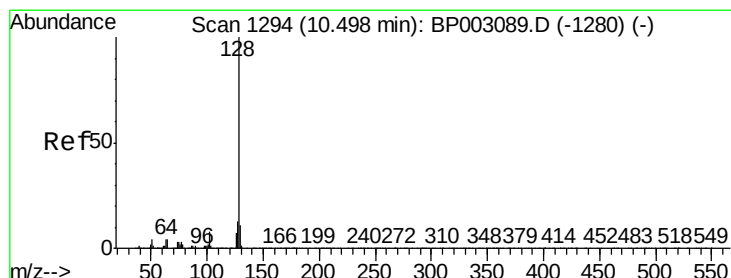
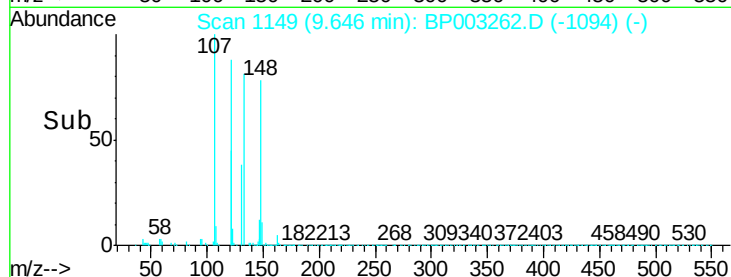
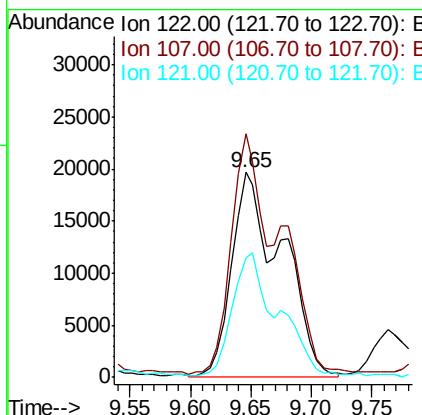
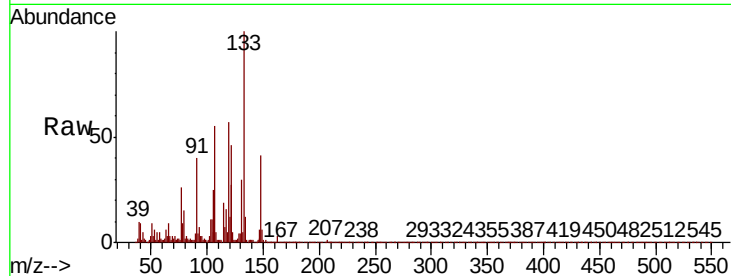
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2,4-Dimethylphenol
Concen: 8.865 ng/mL
RT: 9.65 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Instrument :
BNA_P
ClientSampleId :
N2930S

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.8	87.3	130.9
121	58.3	47.3	70.9

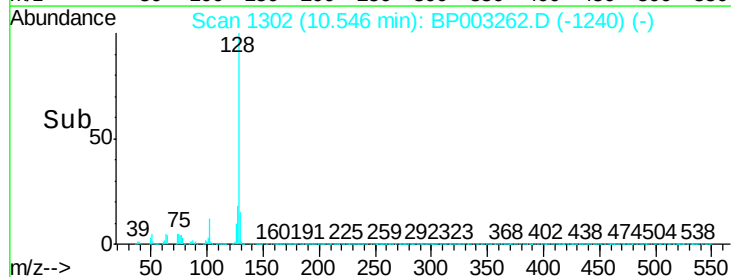
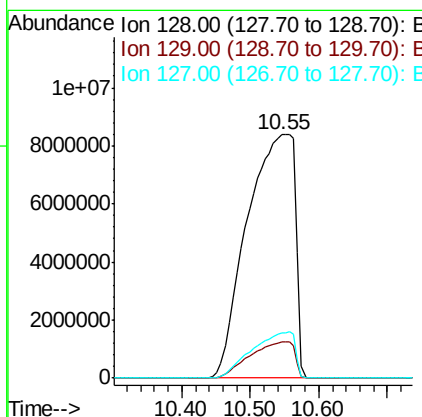
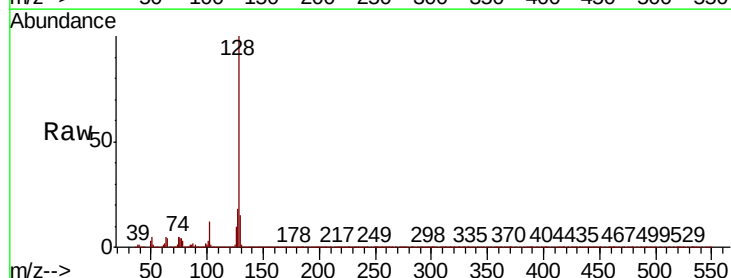
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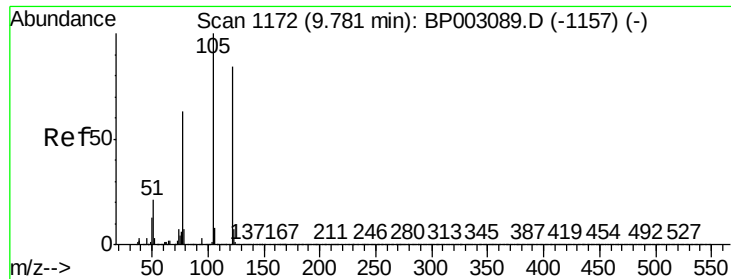
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#31
Naphthalene
Concen: 1522.099 ng/mL
RT: 10.55 min Scan# 1302
Delta R.T. 0.06 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.7	8.8	13.2#
127	18.4	10.6	15.8#





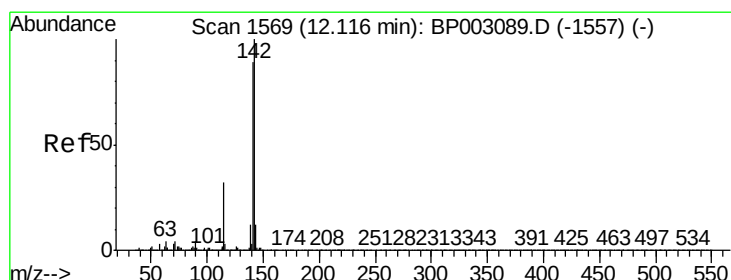
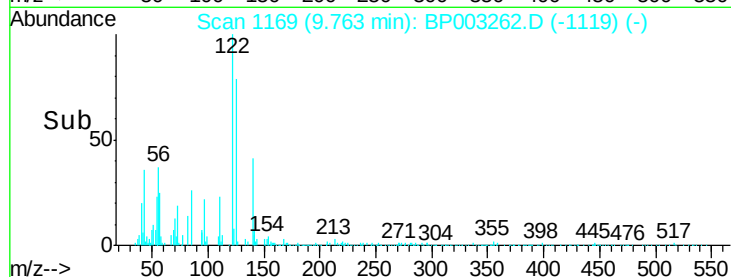
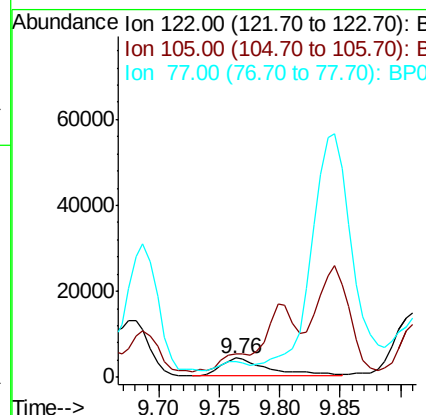
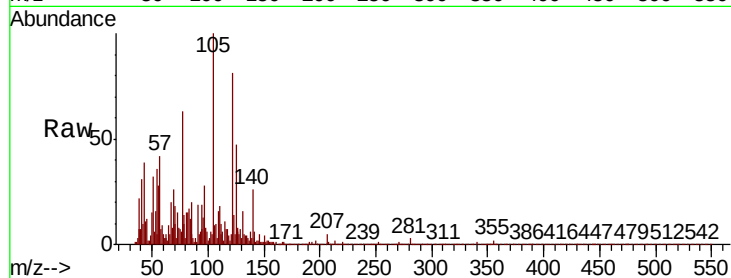
#32
Benzoic acid
Concen: 10.901 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Instrument :
BNA_P
ClientSampleId :
N2930S

Tot Ion	Ratio	Resp	Lower	Upper
122	100	11585		
105	122.8	94.1	134.1	
77	77.7	50.1	90.1	

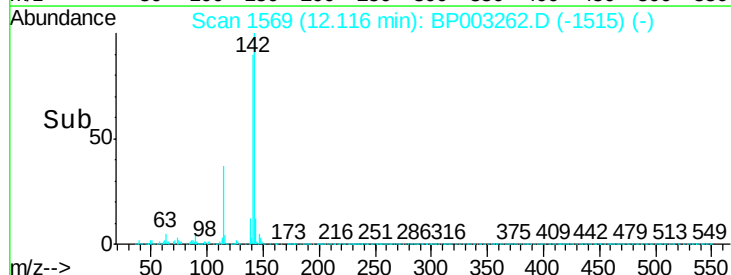
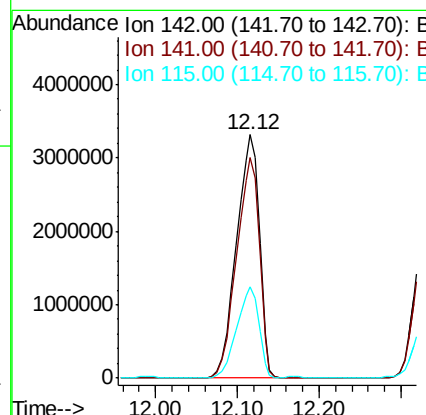
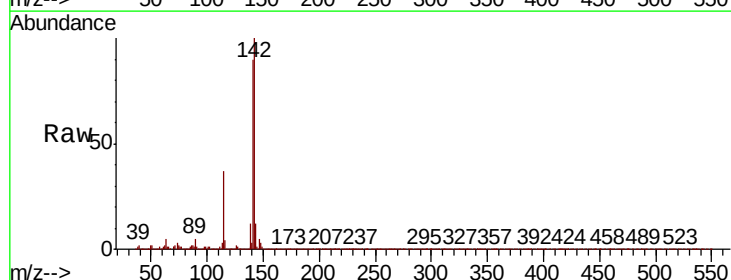
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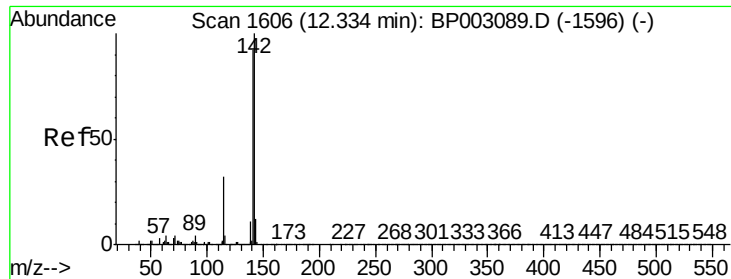
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#37
2-Methylnaphthalene
Concen: 335.492 ng
RT: 12.12 min Scan# 1569
Delta R.T. 0.02 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	6453518		
141	90.4	71.4	107.2	
115	37.3	25.8	38.6	





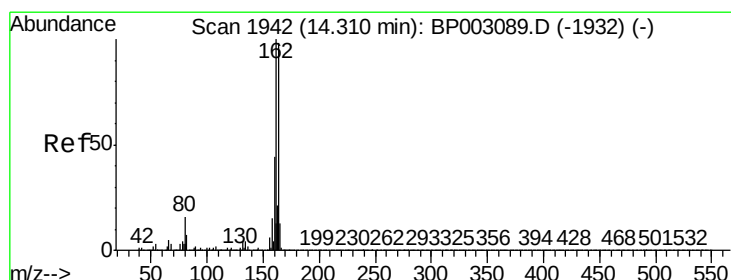
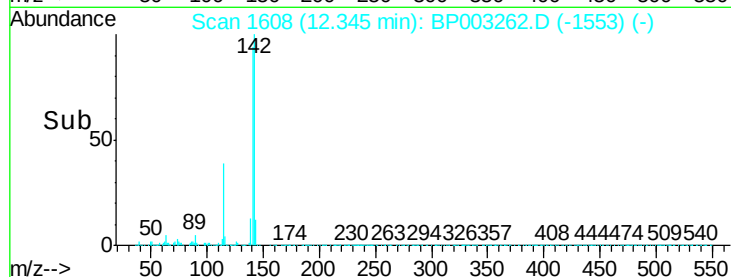
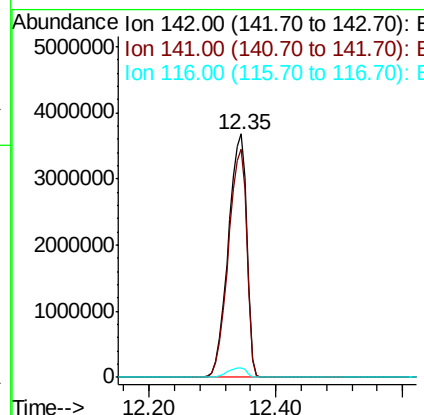
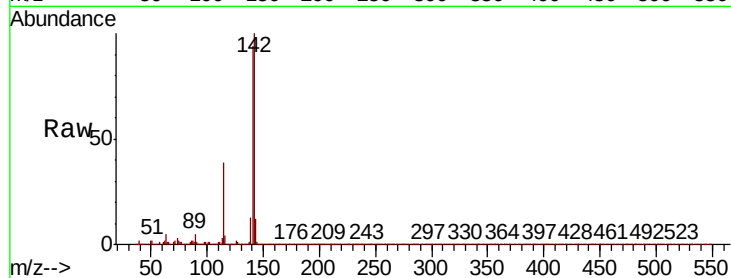
#38
1-Methylnaphthalene
Concen: 407.086 ng
RT: 12.35 min Scan# 1608
Delta R.T. 0.02 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Instrument :
BNA_P
ClientSampled :
N2930S

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.4	111.6
116	4.1	2.9	4.3

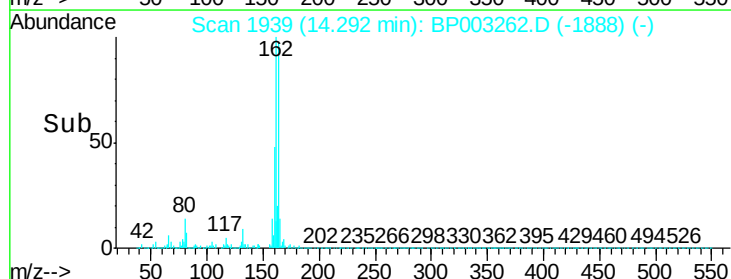
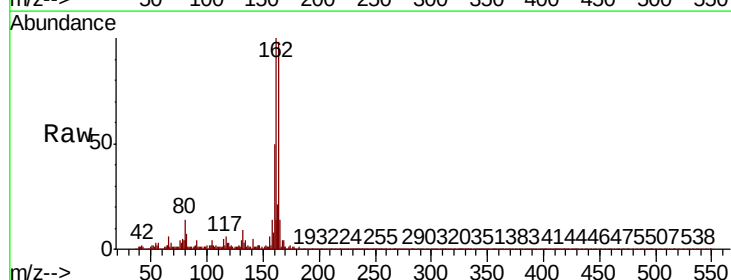
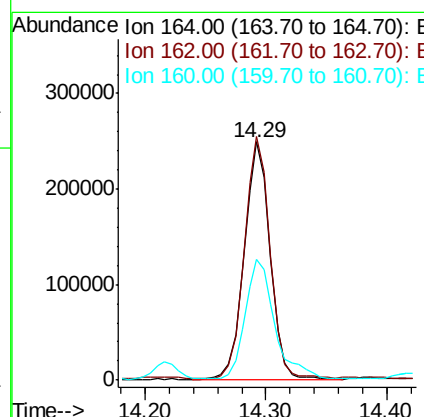
Manual Integrations
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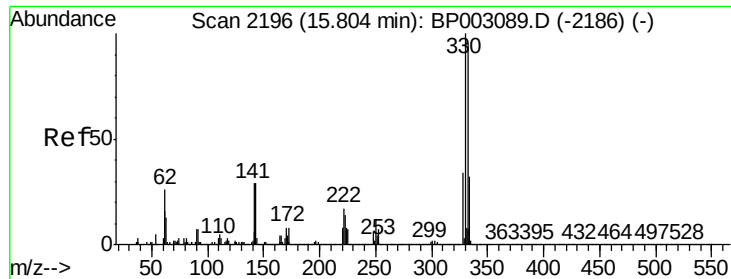
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.4	119.2
160	50.7	36.1	54.1





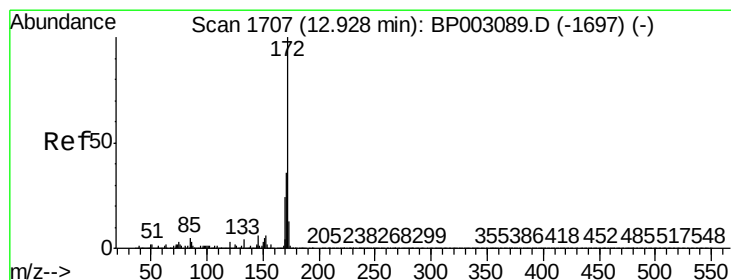
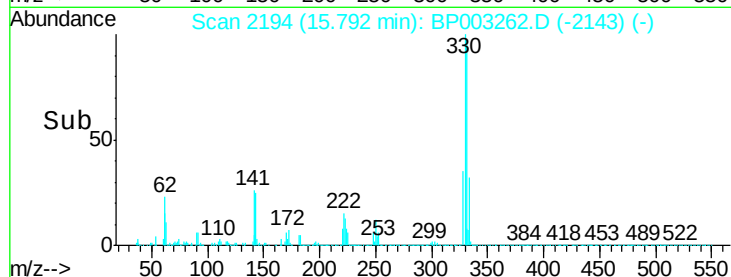
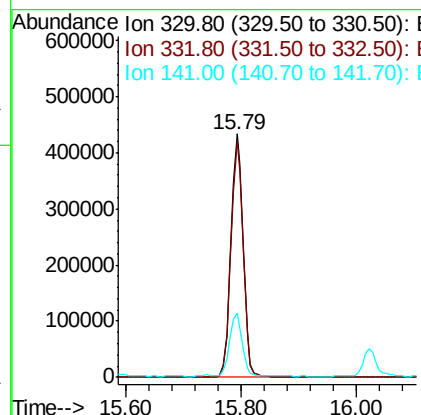
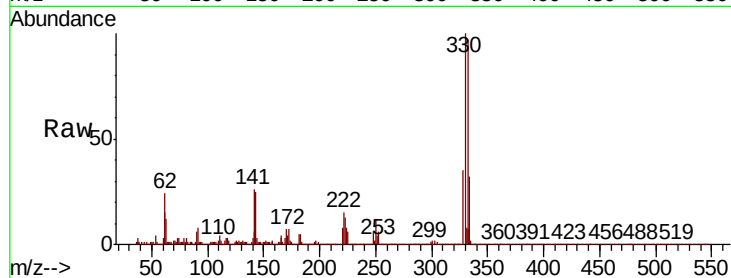
#42
 2,4,6-Tribromophenol
 Concen: 128.490 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BP003262.D
 Acq: 11 Sep 2020 16:09

Instrument :
 BNA_P
 ClientSampleID :
 N2930S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	641137		
332	96.7	77.1	115.7	
141	26.3	23.4	35.2	

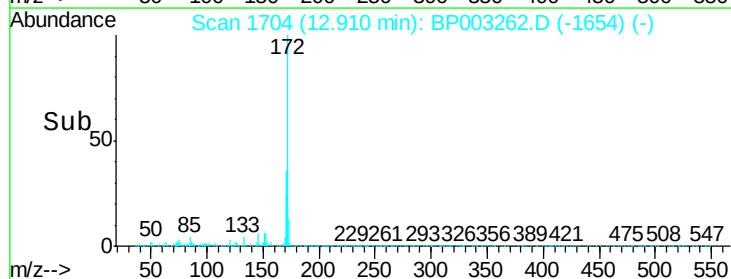
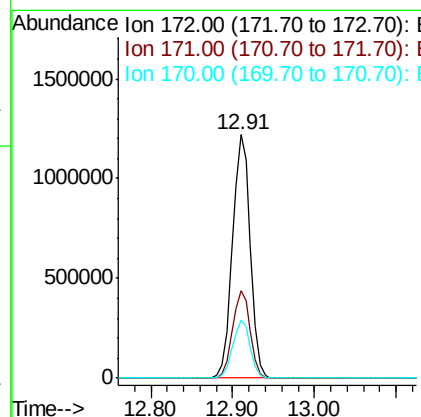
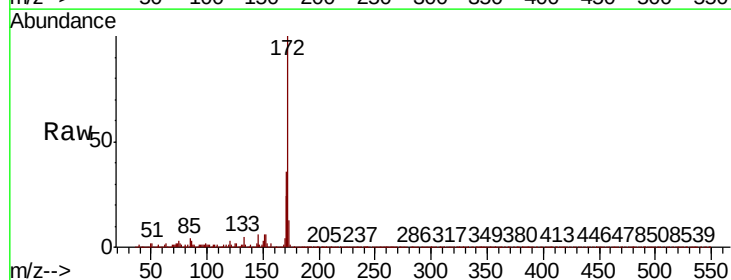
Manual Integrations
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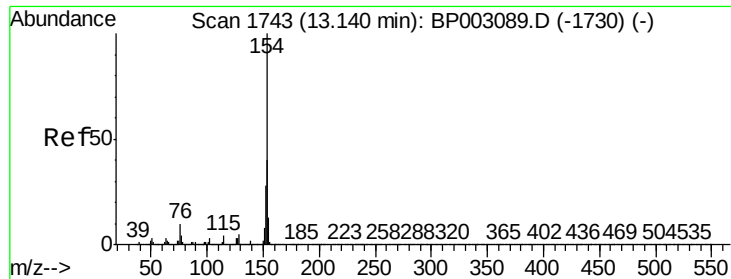
mohammad
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#45
 2-Fluorobiphenyl
 Concen: 72.573 ng
 RT: 12.91 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BP003262.D
 Acq: 11 Sep 2020 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1828328		
171	36.1	28.5	42.7	
170	24.0	19.2	28.8	





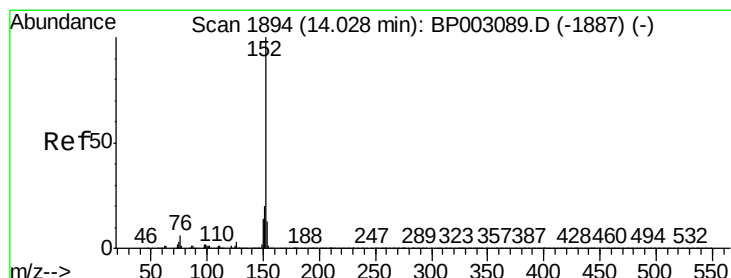
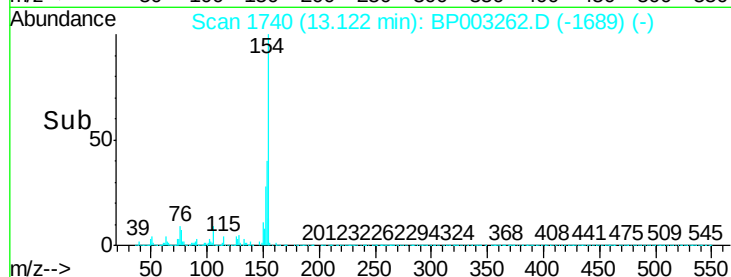
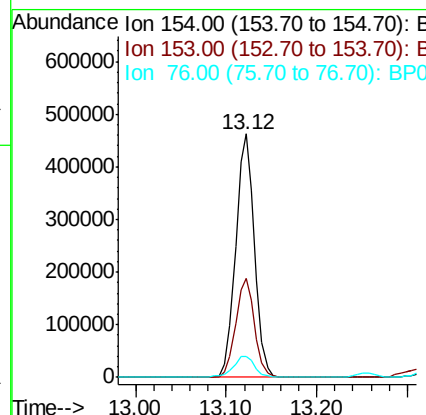
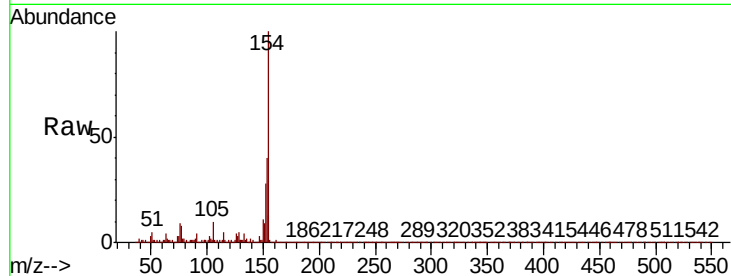
#46
 1,1'-Biphenyl
 Concen: 24.035 ng
 RT: 13.12 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BP003262.D
 Acq: 11 Sep 2020 16:09

Instrument :
 BNA_P
 ClientSampleId :
 N2930S

Tot Ion:	154	Resp:	665131
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.4	60.4
76	8.7	0.0	29.3

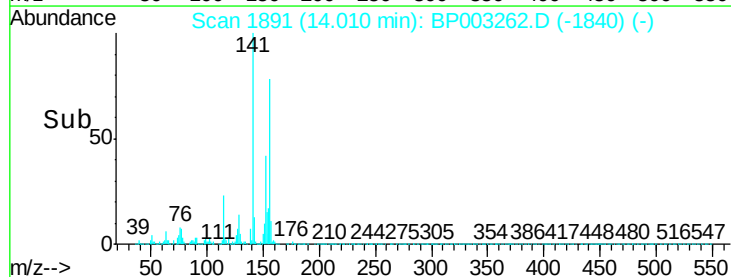
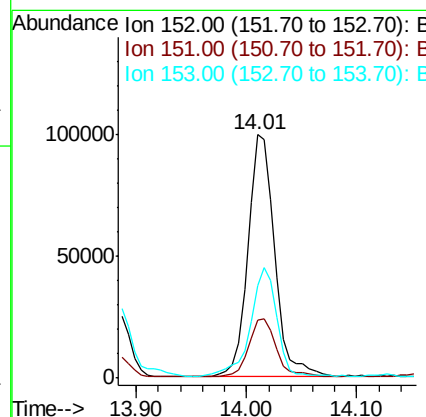
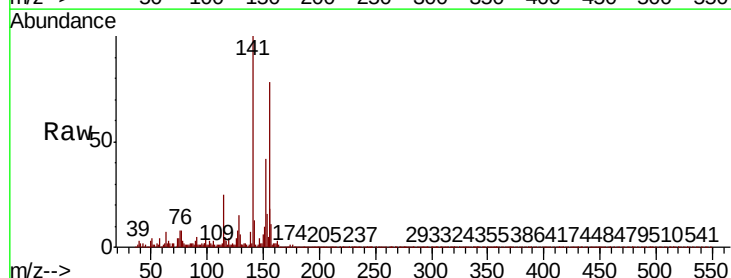
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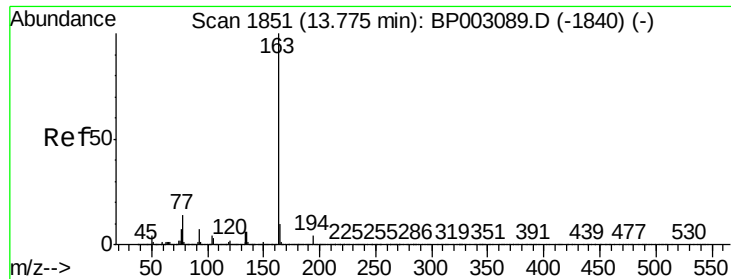
mohammad
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#49
 Acenaphthylene
 Concen: 4.950 ng
 RT: 14.01 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BP003262.D
 Acq: 11 Sep 2020 16:09

Tgt Ion:	152	Resp:	169541
Ion Ratio	Lower	Upper	
152	100		
151	23.6	15.9	23.9
153	38.0	10.5	15.7#





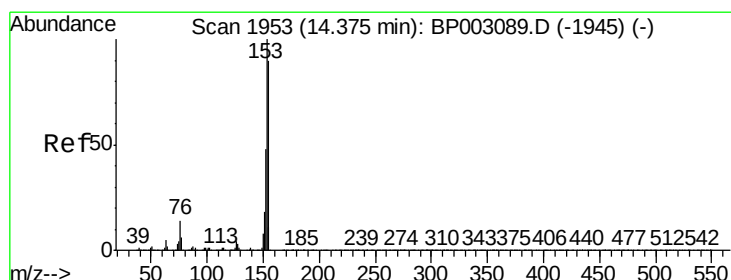
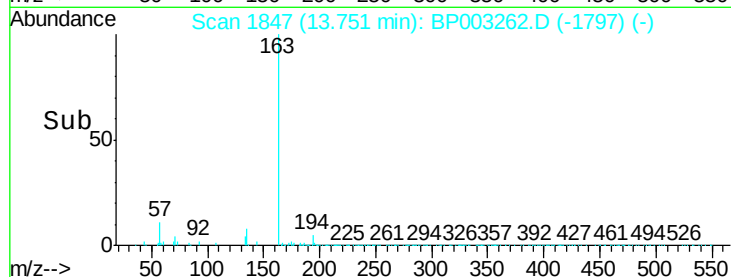
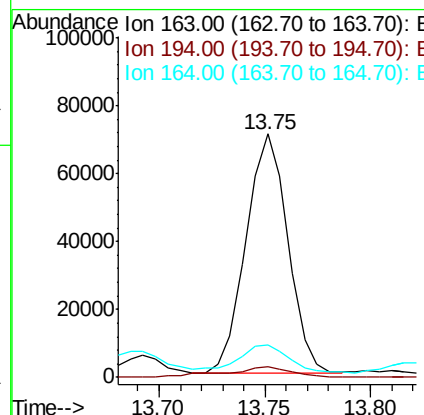
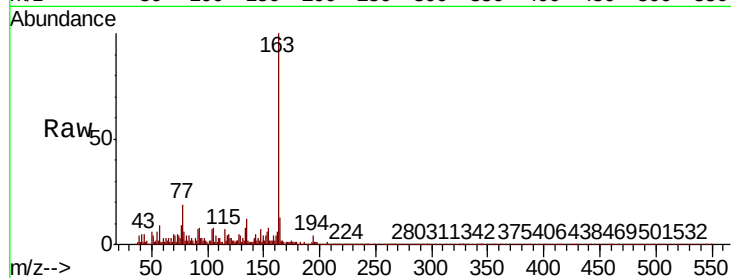
#50
Dimethylphthalate
Concen: 3.469 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Instrument :
BNA_P
ClientSampleId :
N2930S

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	13.3	8.2	12.2

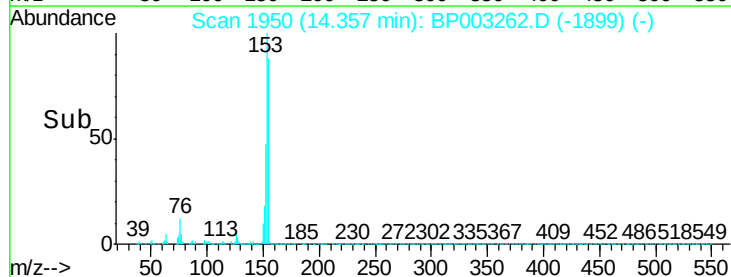
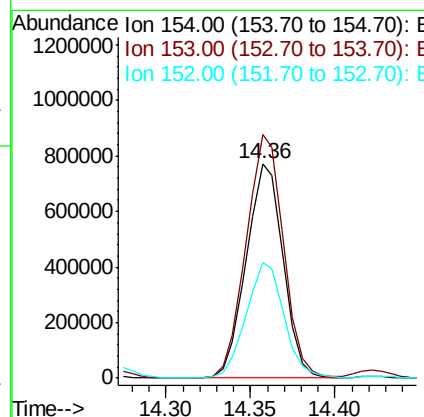
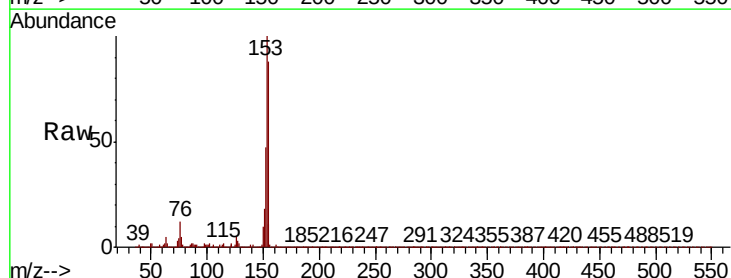
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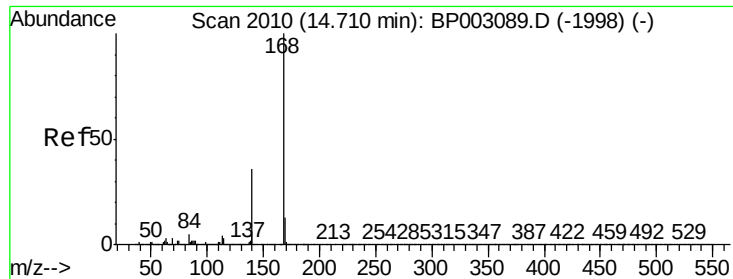
mohammad
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#52
Acenaphthene
Concen: 55.701 ng
RT: 14.36 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.0	136.6
152	53.8	43.0	64.6





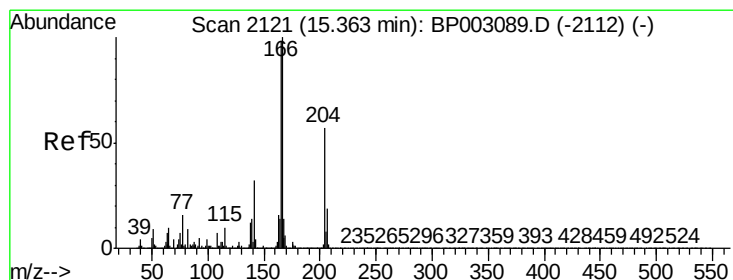
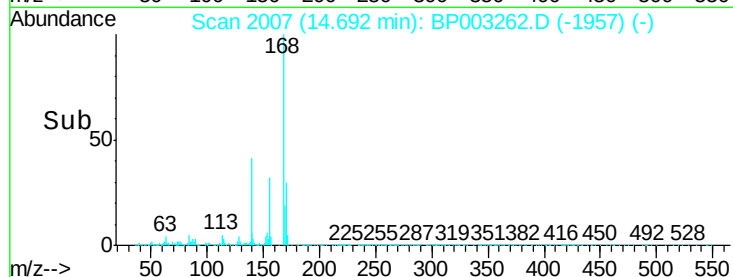
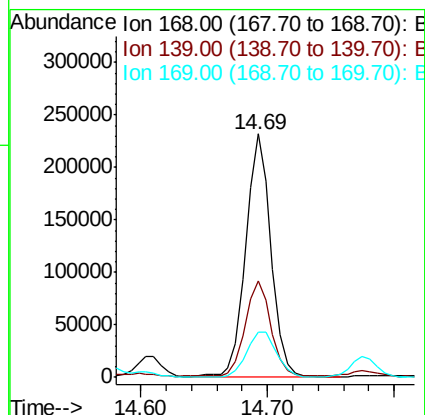
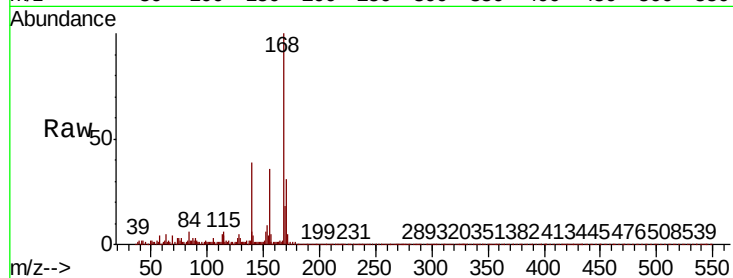
#55
Dibenzenofuran
Concen: 9.575 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Instrument :
BNA_P
ClientSampleId :
N2930S

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	29.1	43.7
169	18.4	10.4	15.6

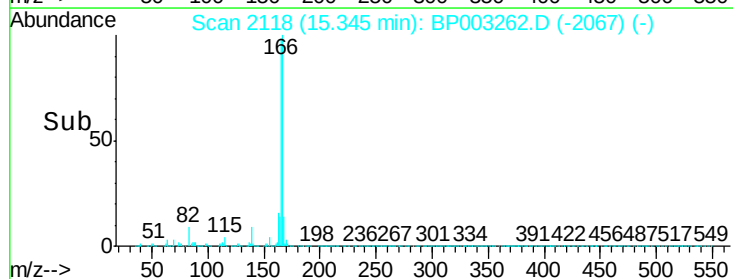
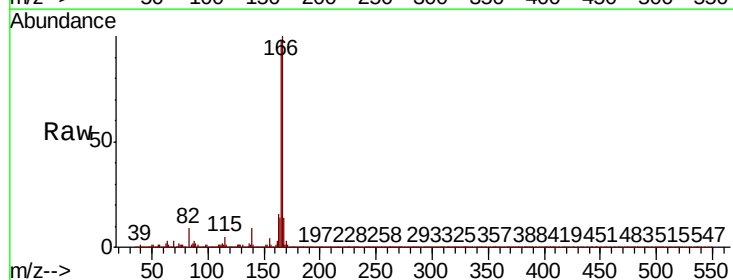
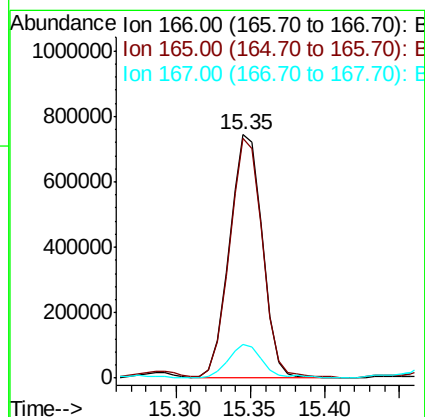
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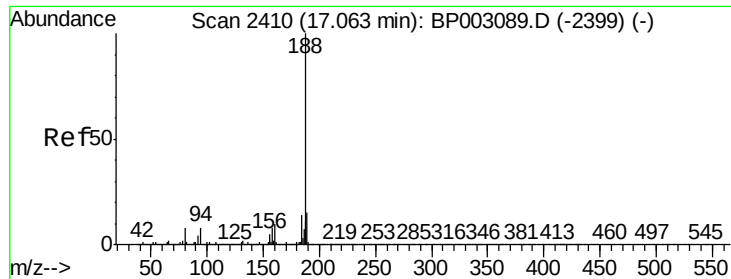
mohammad
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#58
Fluorene
Concen: 44.793 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.8	11.0	16.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Instrument :

BNA_P

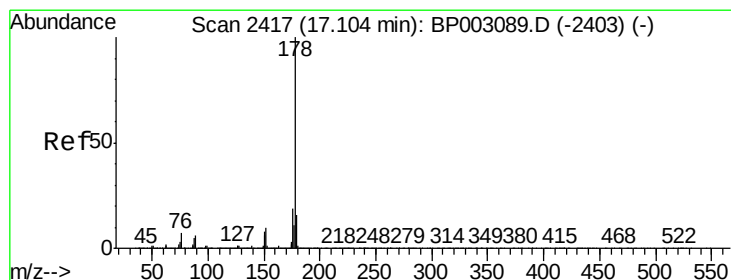
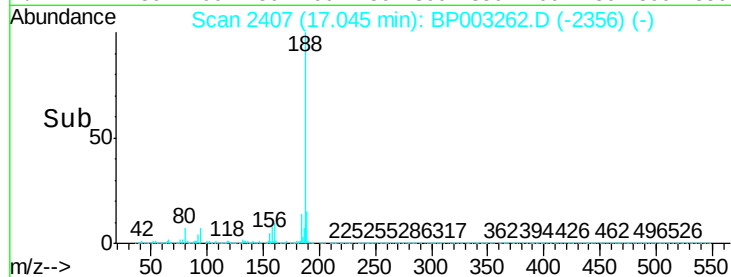
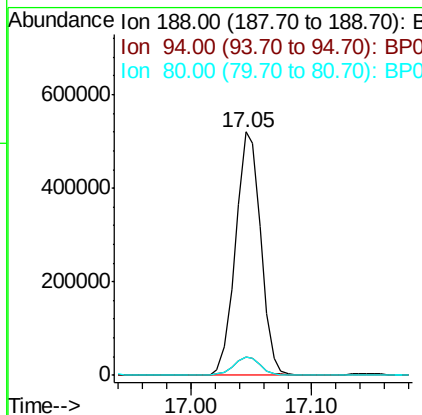
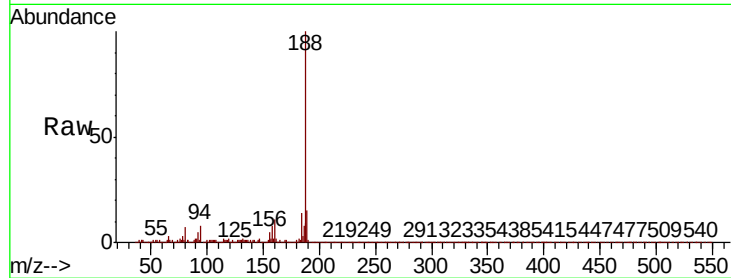
ClientSampleId :

N2930S

Tot Ion:	188	Resp:	753339
Ion Ratio	Lower	Upper	
188	100		
94	7.7	6.2	9.2
80	7.4	6.2	9.2

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#71

Phenanthrene

Concen: 46.487 ng

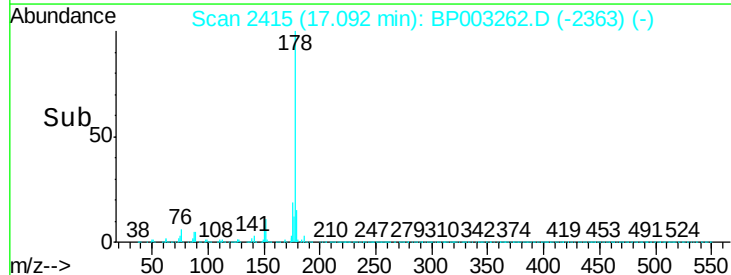
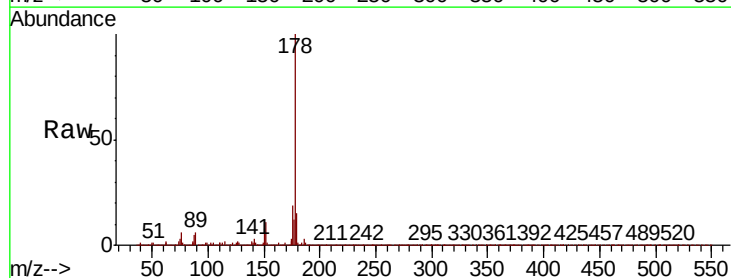
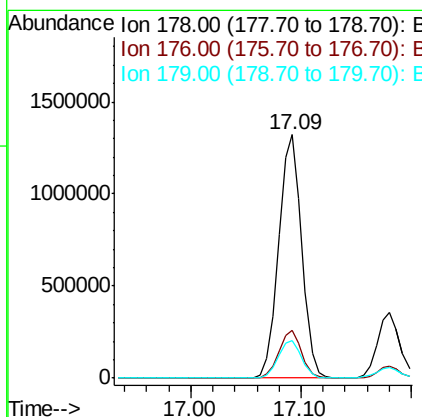
RT: 17.09 min Scan# 2415

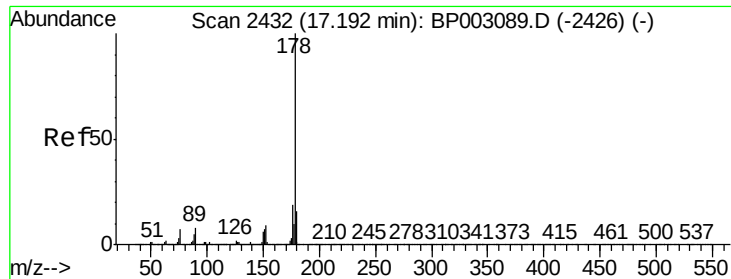
Delta R.T. 0.01 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Tgt Ion:	178	Resp:	1897613
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.3	22.9
179	15.4	12.5	18.7





#72

Anthracene

Concen: 12.324 ng

RT: 17.18 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Instrument :

BNA_P

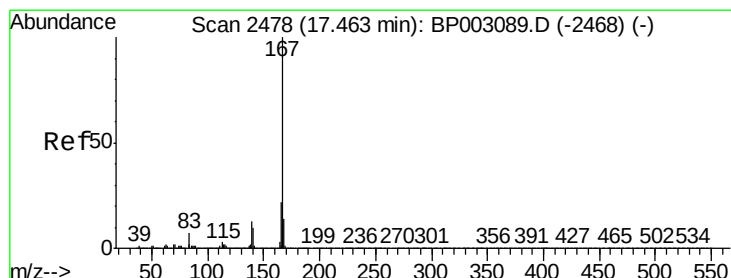
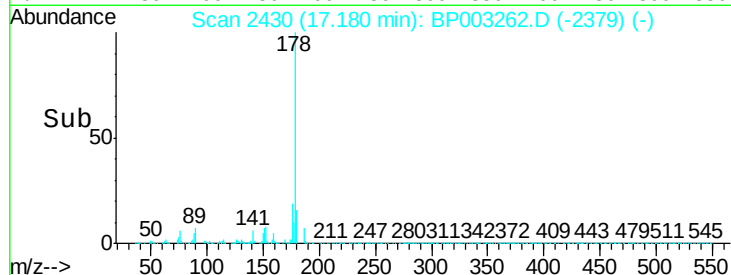
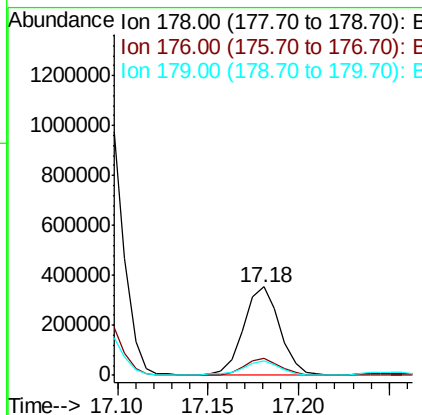
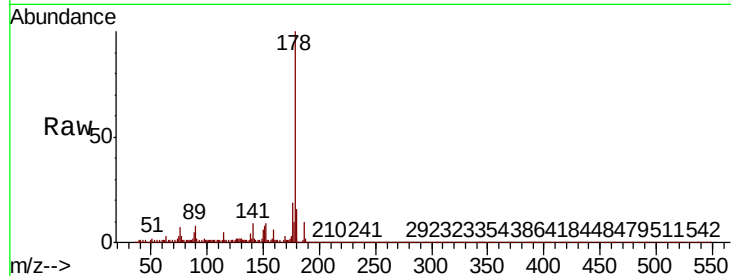
ClientSampleId :

N2930S

Tot Ion:	178	Resp:	481478
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.0	22.4
179	15.9	12.5	18.7

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#73

Carbazole

Concen: 6.347 ng

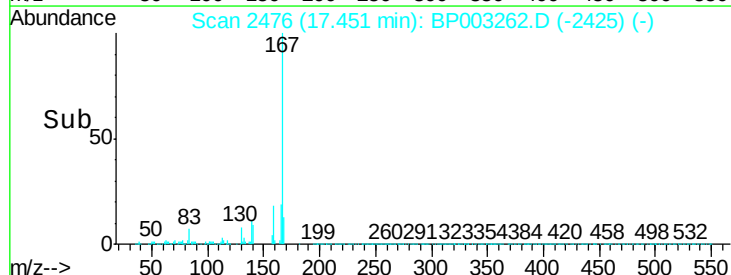
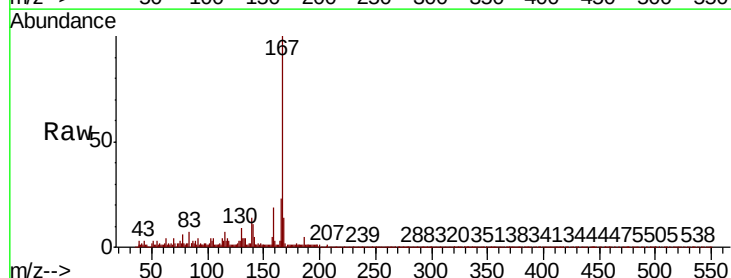
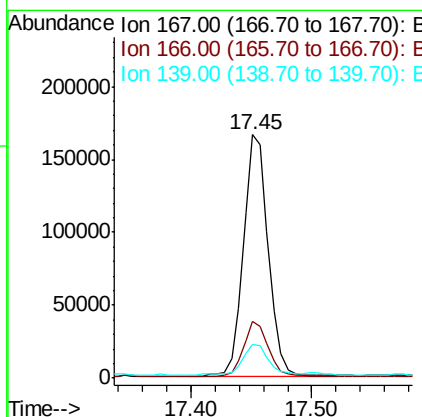
RT: 17.45 min Scan# 2476

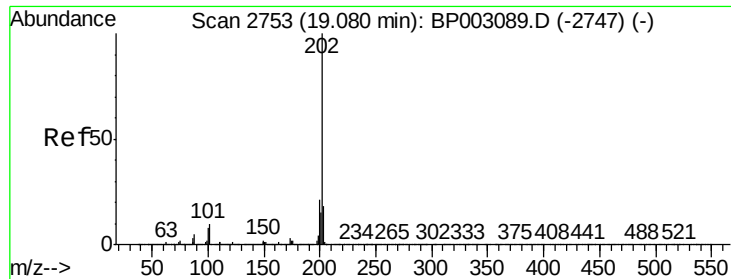
Delta R.T. -0.00 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Tgt Ion:	167	Resp:	237982
Ion Ratio	Lower	Upper	
167	100		
166	23.1	17.6	26.4
139	13.9	10.2	15.4





#75

Fluoranthene

Concen: 6.217 ng

RT: 19.07 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Instrument :

BNA_P

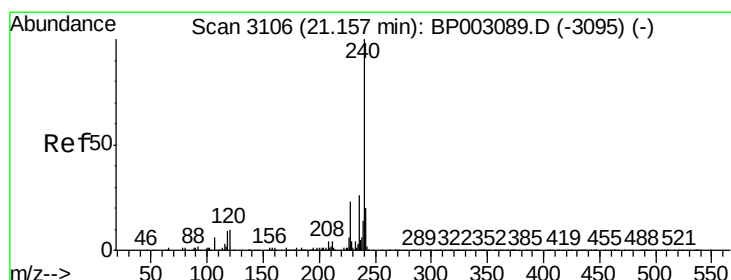
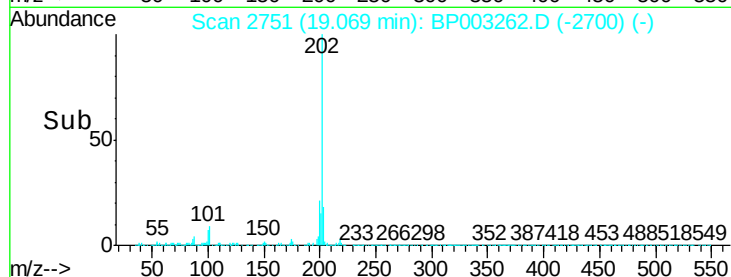
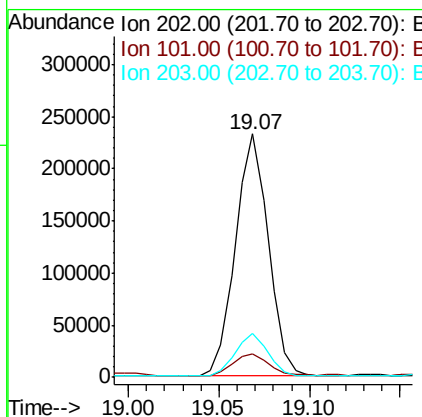
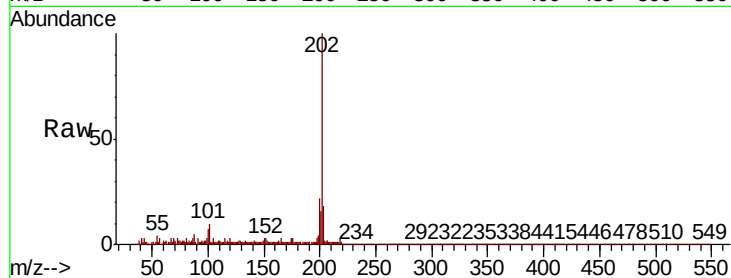
ClientSampleId :

N2930S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		293315		
101	9.5	0.0	29.4		
203	18.2	0.0	37.8		

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#76

Chrysene-d12

Concen: 20.000 ng

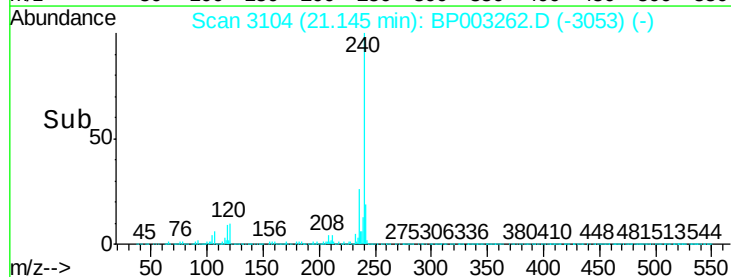
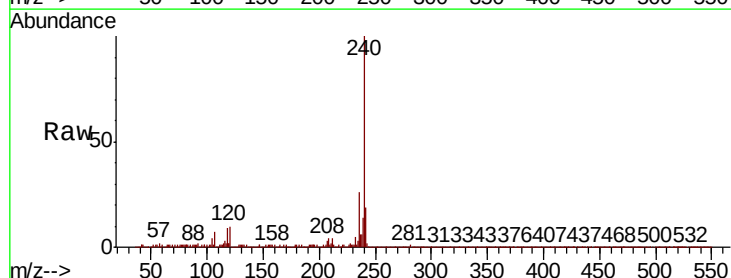
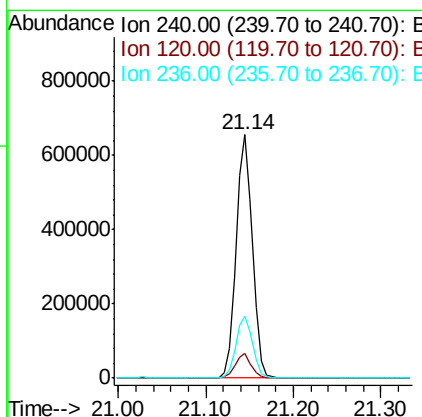
RT: 21.14 min Scan# 3104

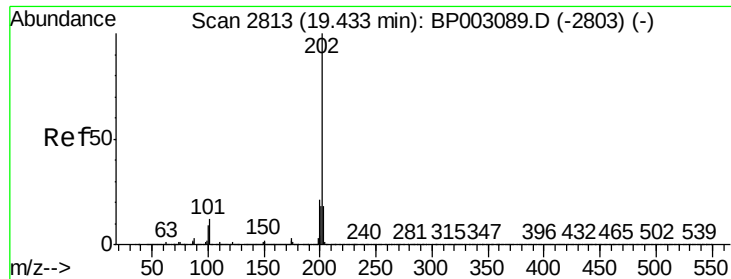
Delta R.T. -0.00 min

Lab File: BP003262.D

Acq: 11 Sep 2020 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		810833		
120	10.0	7.8	11.6		
236	25.7	20.8	31.2		





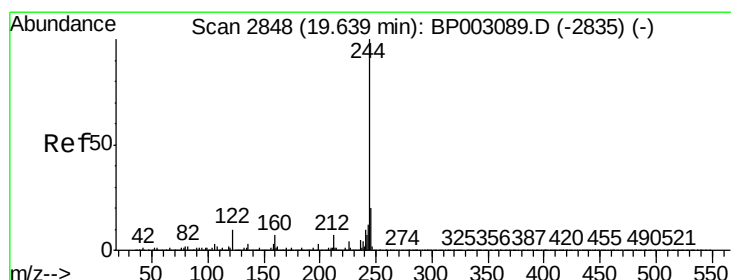
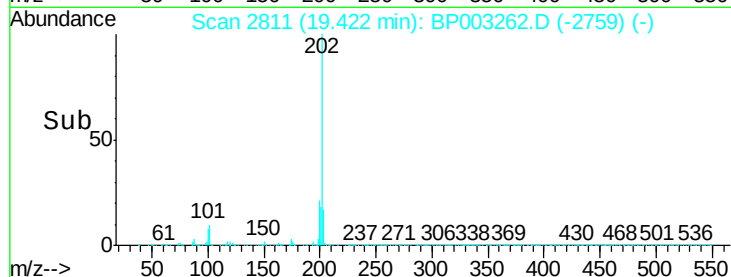
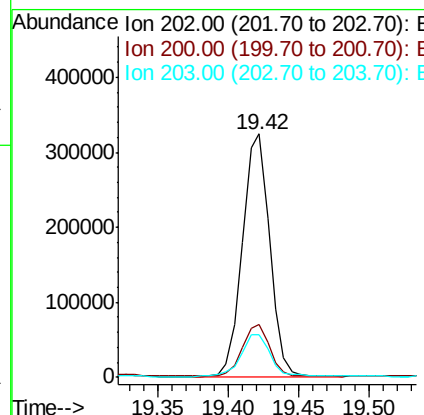
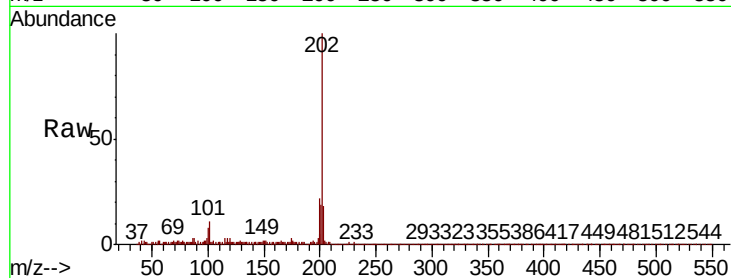
#78
Pvrene
Concen: 8.294 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Instrument :
BNA_P
ClientSampleId :
N2930S

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.1	25.7
203	17.7	14.2	21.2

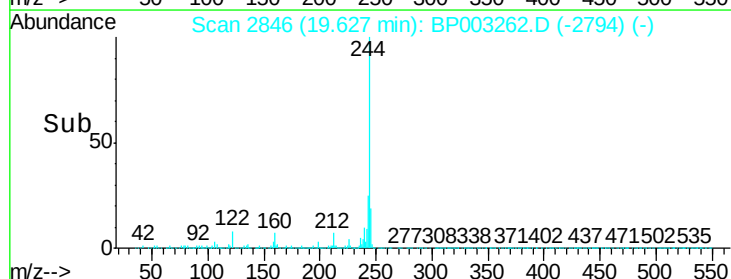
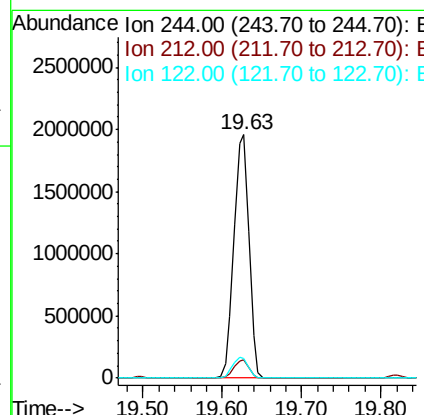
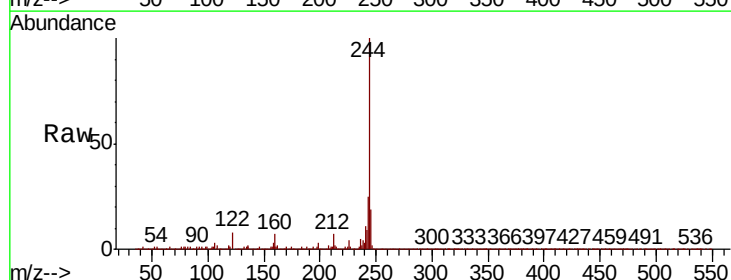
Manual Integrations
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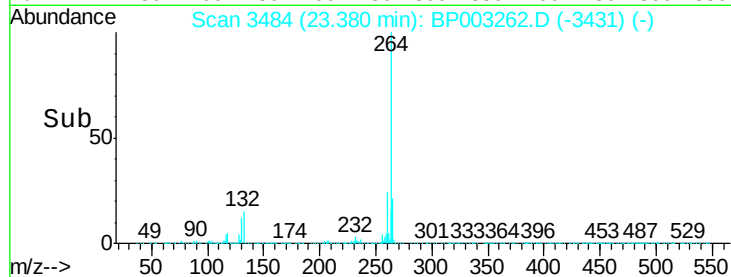
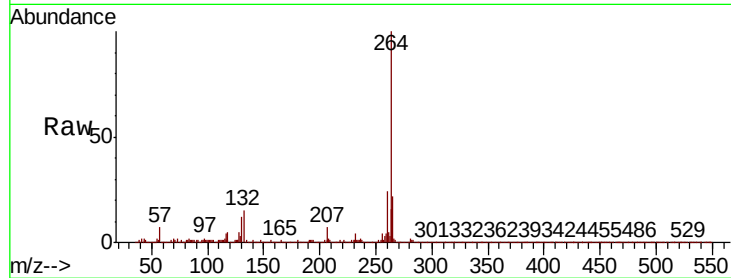
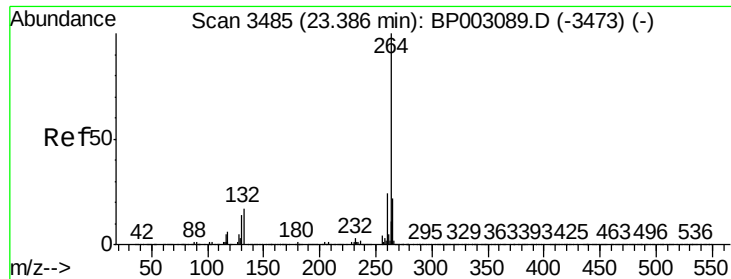
mohammad
9/14/2020 12:13:27 PM



#79
Terphenyl-d14
Concen: 70.178 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.8	8.6
122	8.1	7.8	11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003262.D
Acq: 11 Sep 2020 16:09

Instrument :
BNA_P
ClientSampleId :
N2930S

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	18.8	28.2
265	21.7	17.4	26.2

Manual Integrations
APPROVED

mohammad
9/14/2020 12:13:27 PM

