

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
 Data File : BP002312.D
 Acq On : 28 May 2020 16:33
 Operator : CG/JU
 Sample : L2744-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM78-COMP-2020-0-6

Manual Integrations
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Quant Time: May 29 03:13:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 11:01:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	285596	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	1173302	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	696001	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1464750	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1351745	20.00	ng	0.00
86) Perylene-d12	23.30	264	1419383	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1207218	79.39	ng	0.00
7) Phenol-d6	6.79	99	1666005	80.54	ng	0.00
23) Nitrobenzene-d5	8.75	82	1074649	55.07	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	532515	80.73	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2269509	57.54	ng	0.00
79) Terphenyl-d14	19.59	244	3110042	55.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	427345	9.071	ng	100
71) Phenanthrene	17.04	178	234598	3.381	ng	98
75) Fluoranthene	19.02	202	621646	7.779	ng	99
78) Pyrene	19.37	202	596749	7.090	ng	99
81) Benzo(a)anthracene	21.08	228	351477	4.542	ng	98
83) Chrysene	21.13	228	328265	4.420	ng	97
87) Indeno(1,2,3-cd)pyrene	25.50	276	240661	2.739	ng	96
88) Benzo(b)fluoranthene	22.64	252	482644	6.237	ng	# 97
89) Benzo(k)fluoranthene	22.67	252	150335m	2.024	ng	
90) Benzo(a)pyrene	23.20	252	343974	4.792	ng	# 97
92) Benzo(g,h,i)perylene	26.17	276	240513	3.292	ng	# 91

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

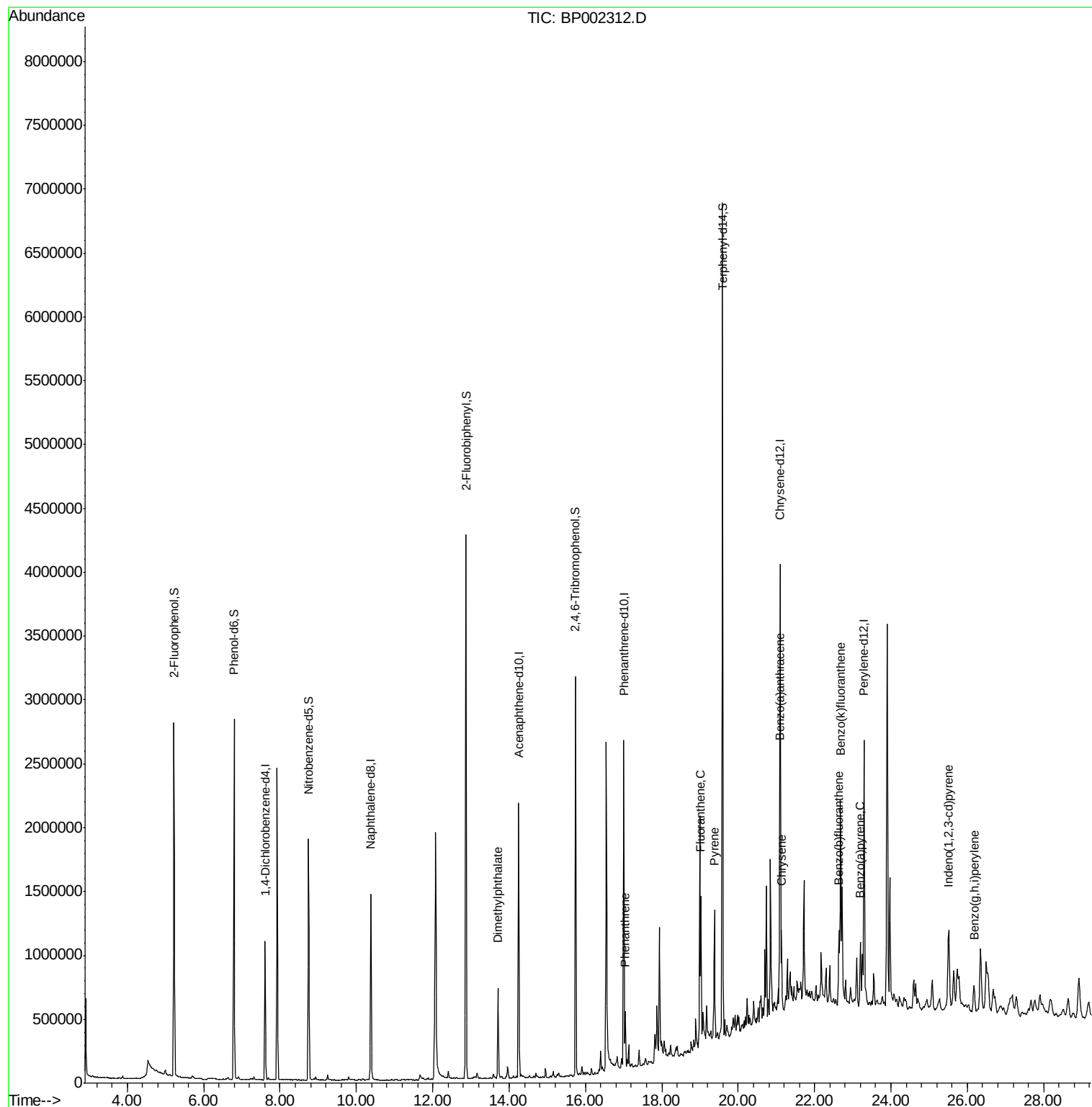
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Data File : BP002312.D
Acq On : 28 May 2020 16:33
Operator : CG/JU
Sample : L2744-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

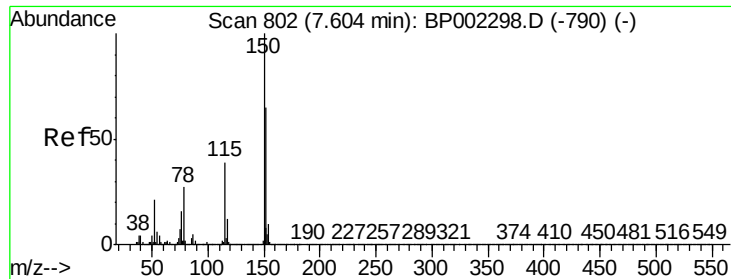
Instrument :
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NM78-COMP-2020-0-6

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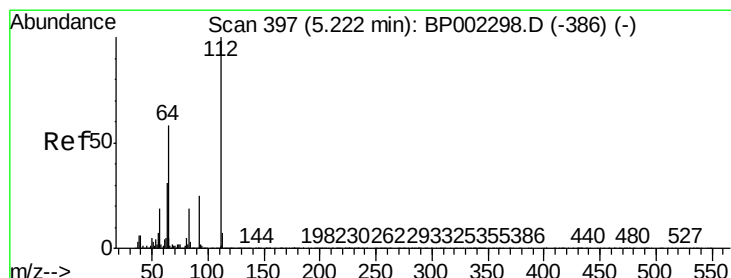
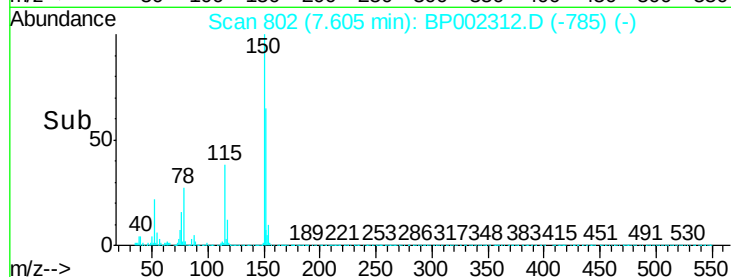
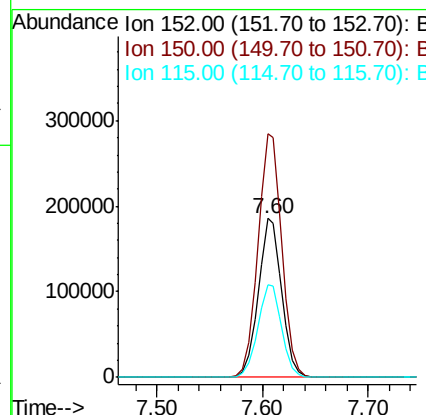
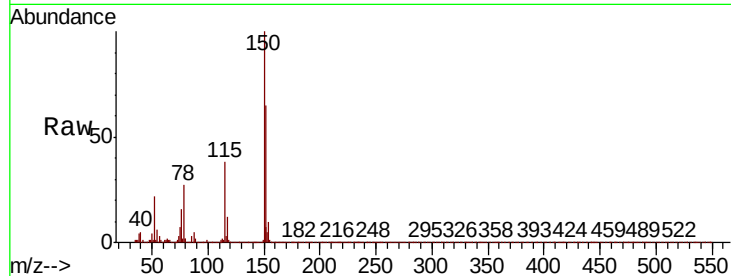
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.60 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BP002312.D
 Acq: 28 May 2020 16:33

Instrument :
 BNA_P
 ClientSampleId :
 NM78-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.7	187.1
115	58.6	49.4	74.2

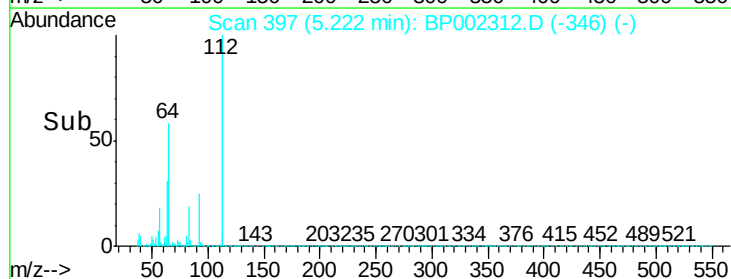
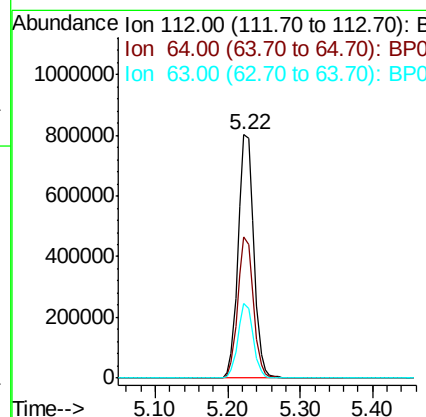
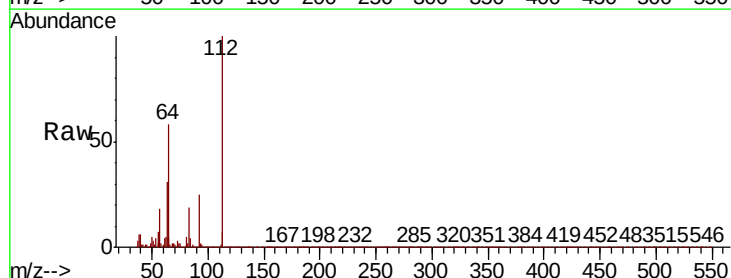
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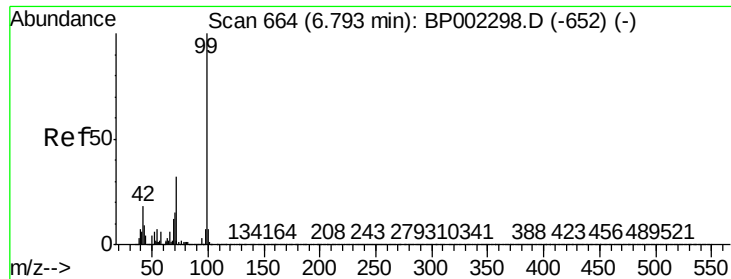
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#5
 2-Fluorophenol
 Concen: 79.389 ng
 RT: 5.22 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BP002312.D
 Acq: 28 May 2020 16:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.0	70.4
63	30.7	24.0	36.0





#7

Phenol-d6

Concen: 80.539 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.01 min

Lab File: BP002312.D

Acq: 28 May 2020 16:33

Instrument :

BNA_P

ClientSampleId :

NM78-COMP-2020-0-6

Tot Ion: 99 Resp: 1666005

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

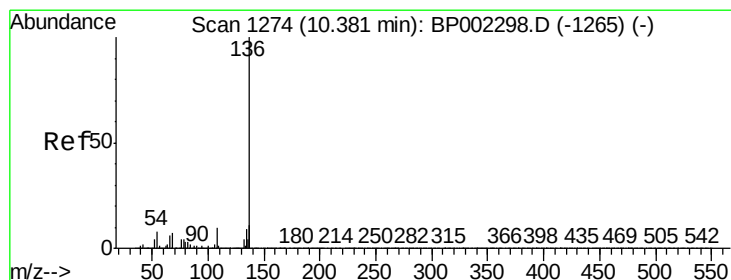
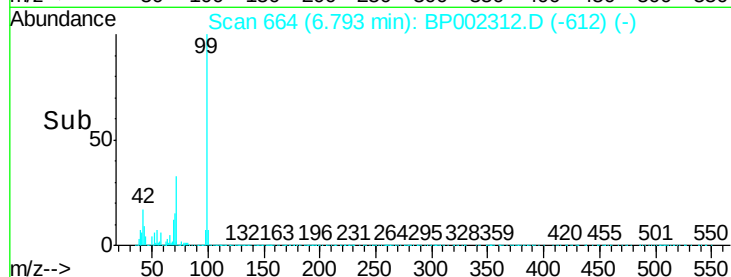
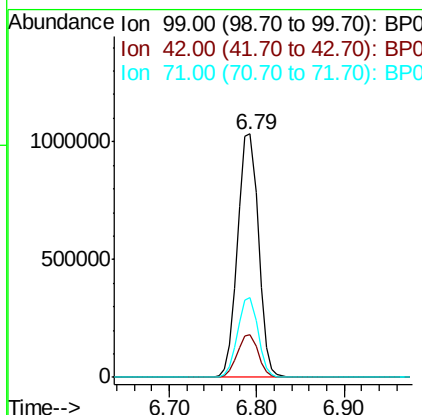
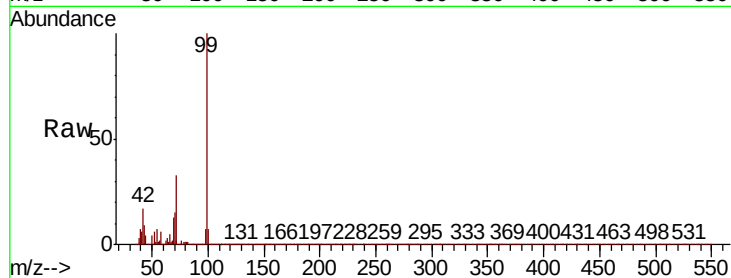
71 32.8 25.8 38.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BP002312.D

Acq: 28 May 2020 16:33

Tgt Ion: 136 Resp: 1173302

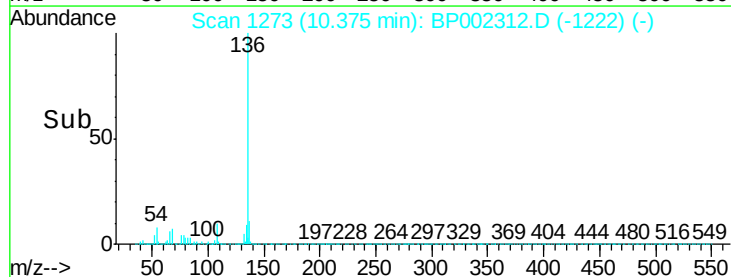
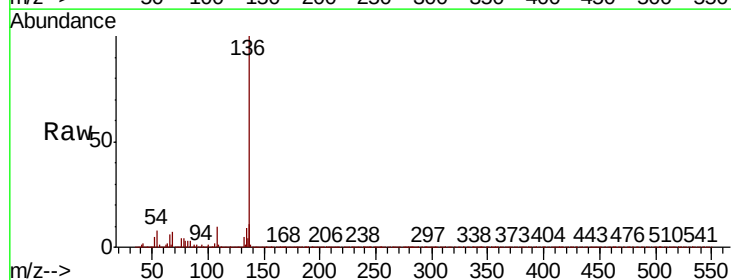
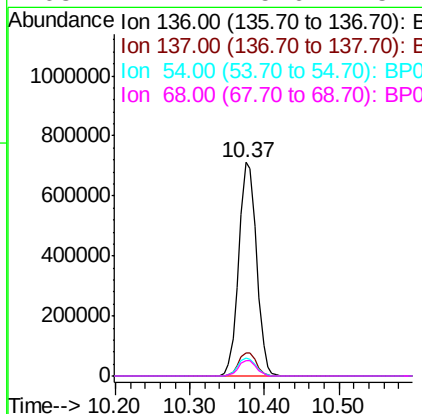
Ion Ratio Lower Upper

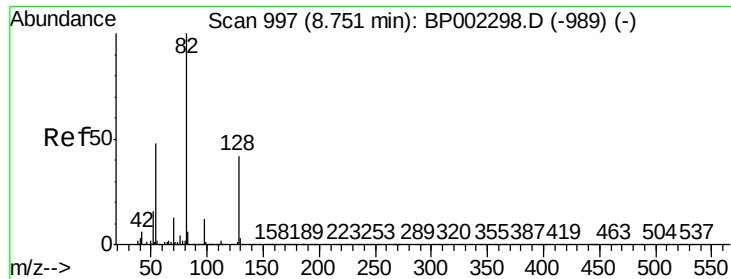
136 100

137 10.8 8.8 13.2

54 8.3 6.9 10.3

68 7.2 5.6 8.4





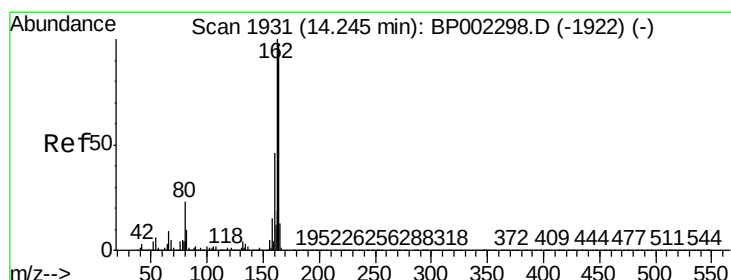
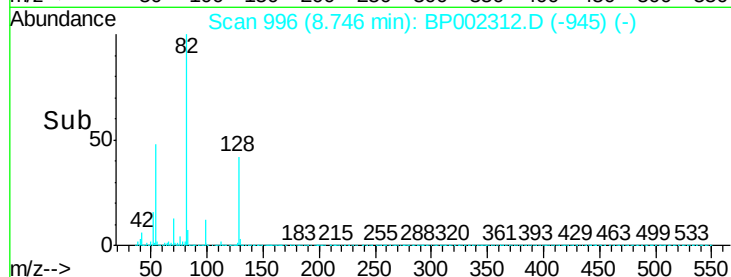
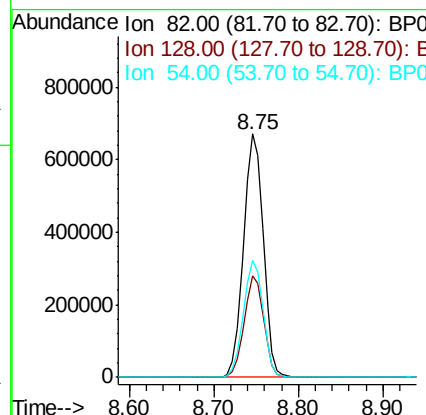
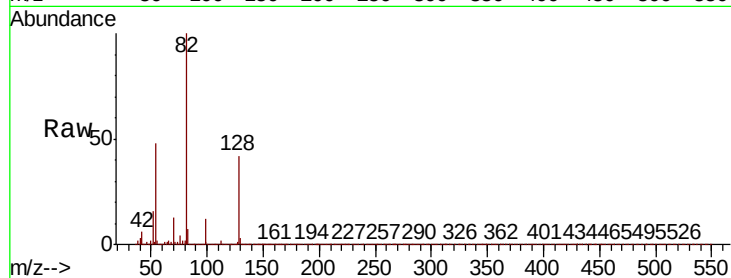
#23
 Nitrobenzene-d5
 Concen: 55.067 ng
 RT: 8.75 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BP002312.D
 Acq: 28 May 2020 16:33

Instrument :
 BNA_P
 ClientSampleId :
 NM78-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.0
54	47.9	38.3	57.5

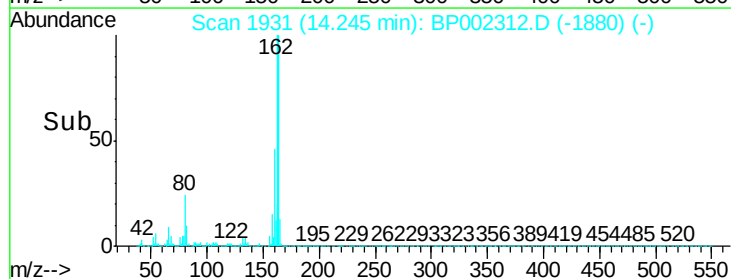
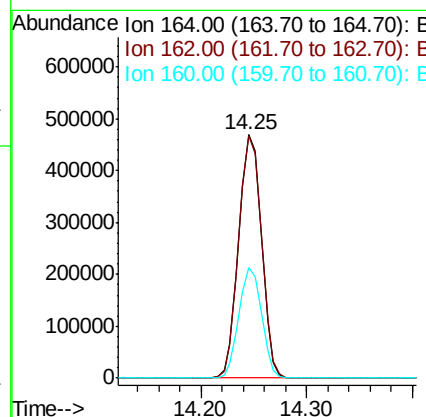
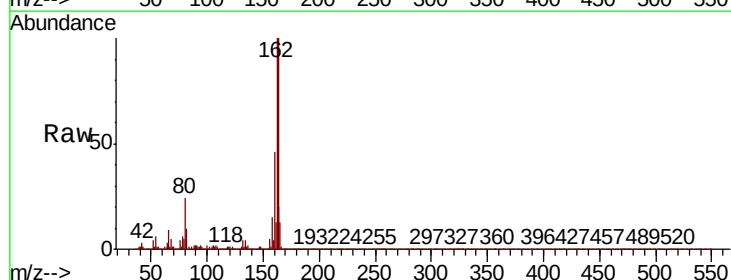
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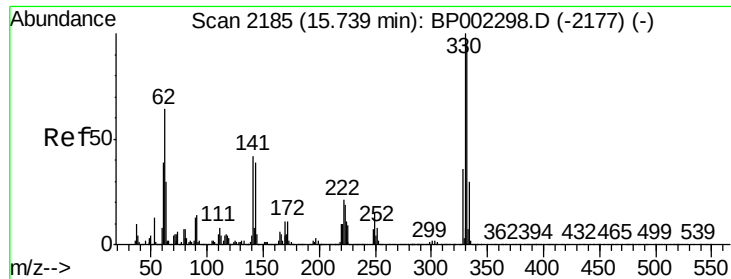
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.25 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BP002312.D
 Acq: 28 May 2020 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.3	121.9
160	45.6	37.2	55.8





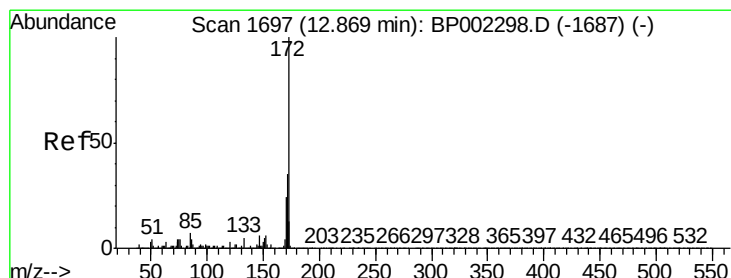
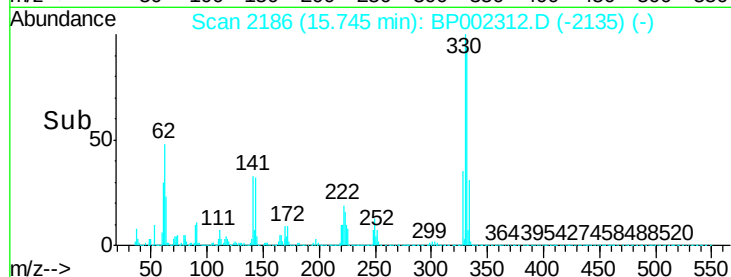
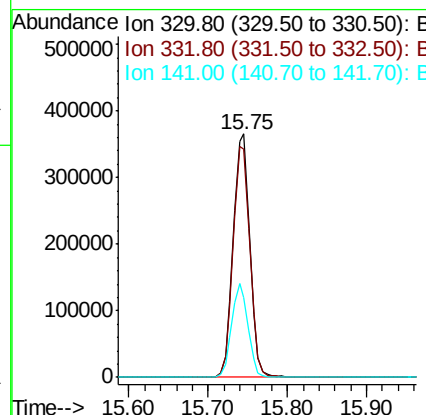
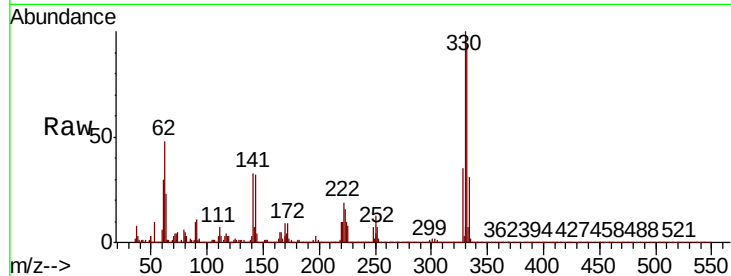
#42
2,4,6-Tribromophenol
Concen: 80.728 ng
RT: 15.75 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Instrument :
BNA_P
ClientSampleId :
NM78-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	532515		
332	96.3	76.9	115.3	
141	37.7	31.4	47.2	

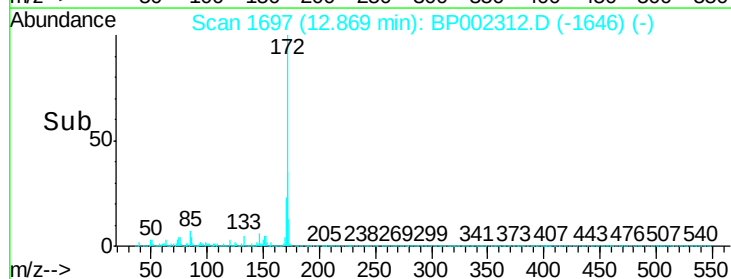
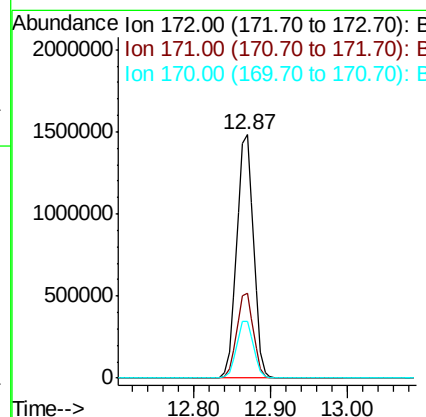
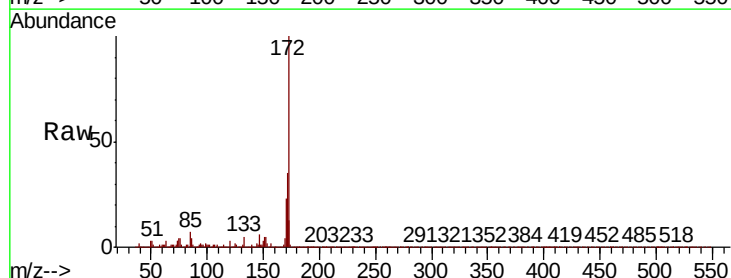
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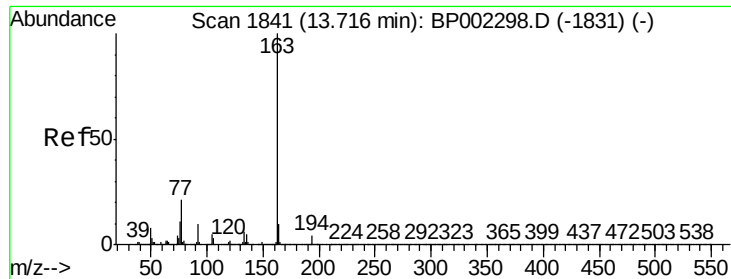
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#45
2-Fluorobiphenyl
Concen: 57.538 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2269509		
171	34.7	27.6	41.4	
170	23.4	18.9	28.3	





#50

Dimethylphthalate

Concen: 9.071 ng

RT: 13.71 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BP002312.D

Acq: 28 May 2020 16:33

Instrument :

BNA_P

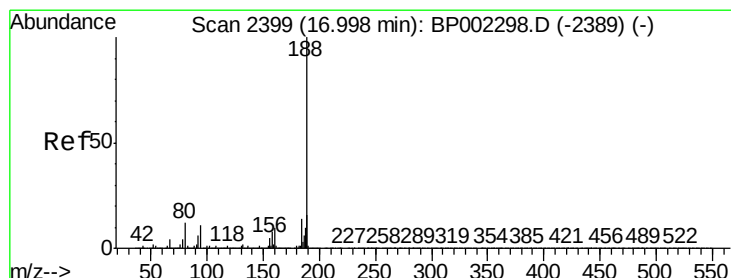
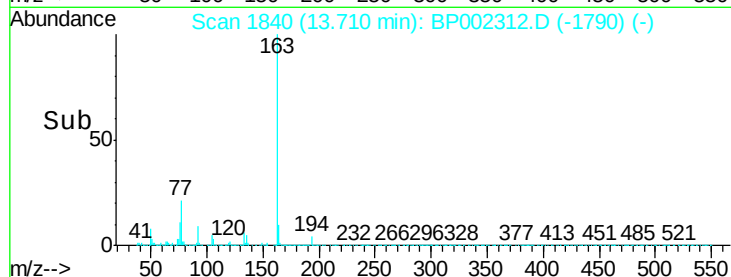
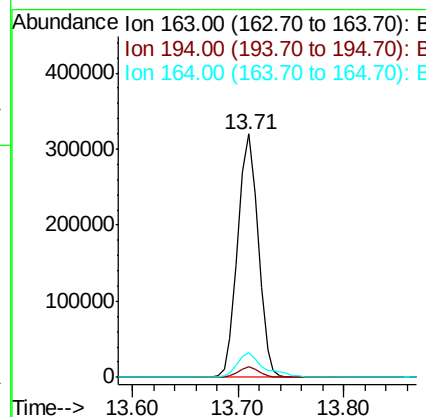
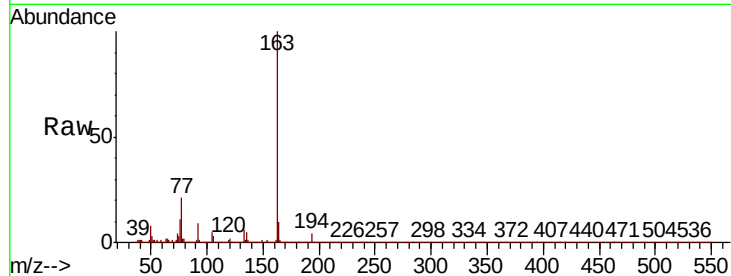
ClientSampleId :

NM78-COMP-2020-0-6

Tot Ion:	163	Resp:	427345
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.1	8.1	12.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

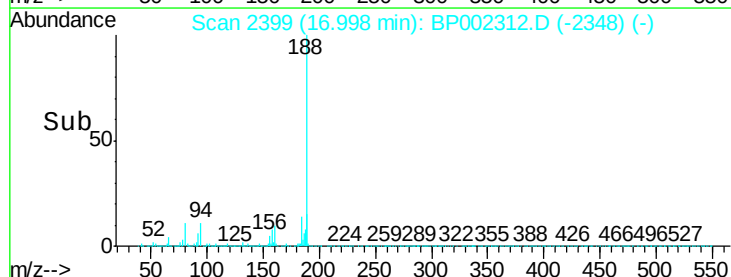
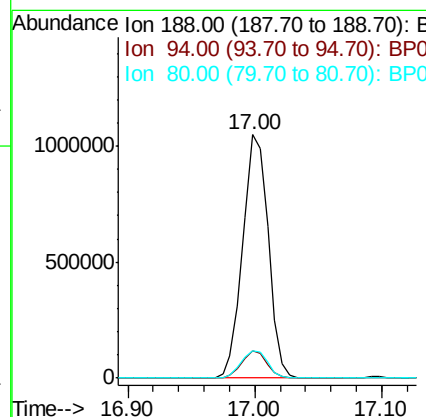
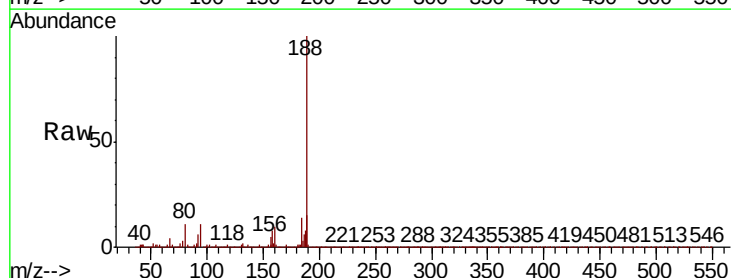
RT: 17.00 min Scan# 2399

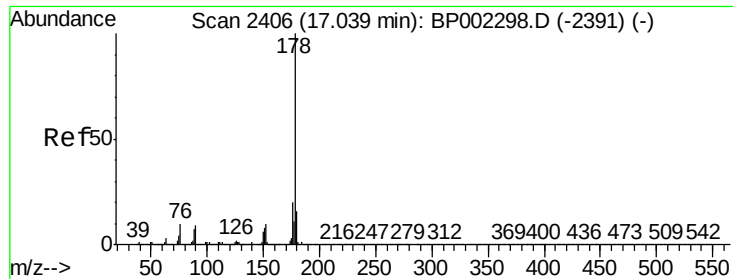
Delta R.T. -0.00 min

Lab File: BP002312.D

Acq: 28 May 2020 16:33

Tgt Ion:	188	Resp:	1464750
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.7	13.1
80	11.4	9.3	13.9





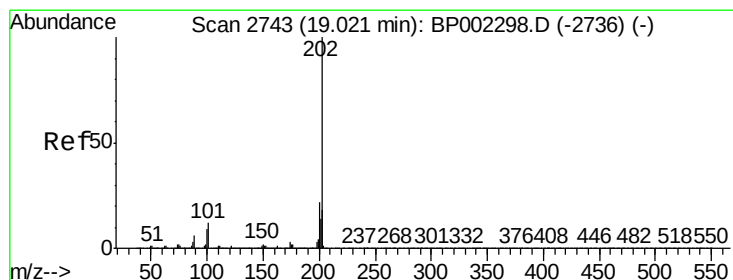
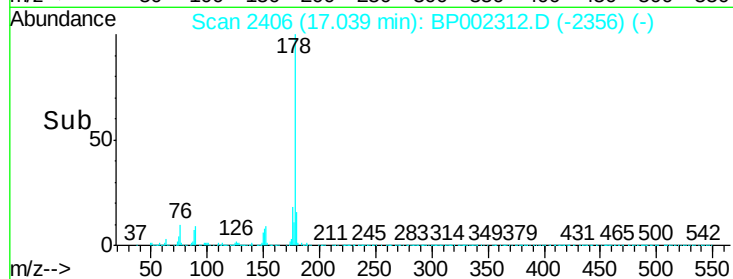
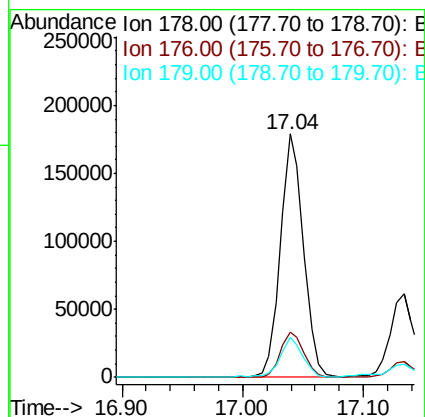
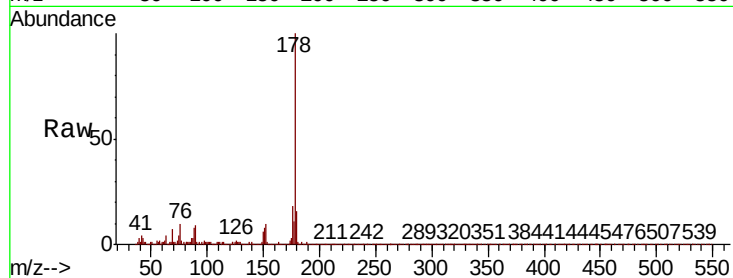
#71
Phenanthrene
Concen: 3.381 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Instrument :
BNA_P
ClientSampleId :
NM78-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.4	12.6	18.8

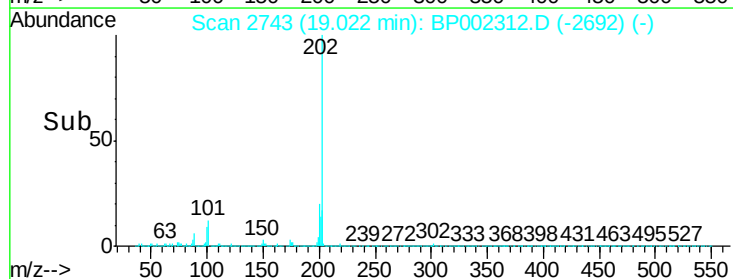
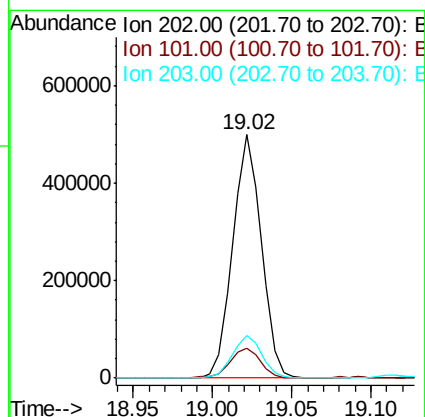
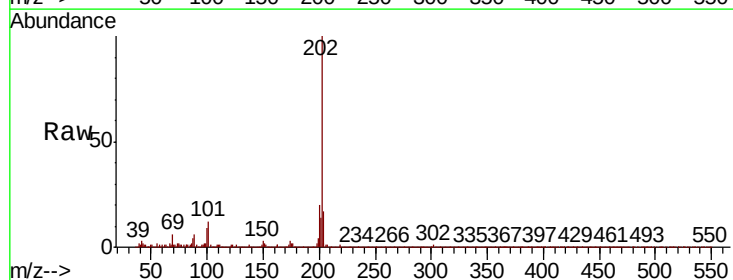
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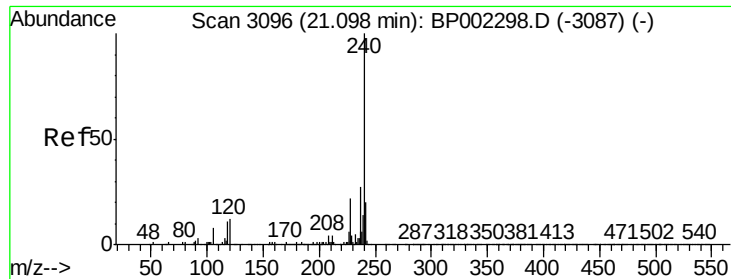
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#75
Fluoranthene
Concen: 7.779 ng
RT: 19.02 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.1
203	17.3	0.0	37.6





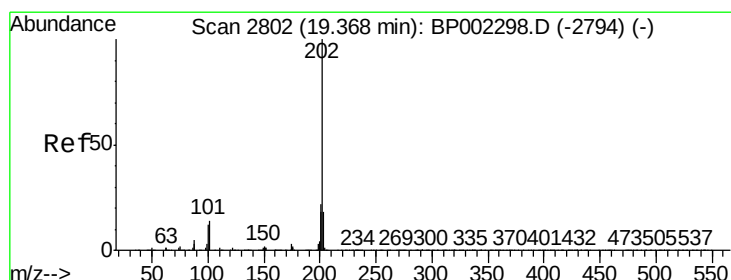
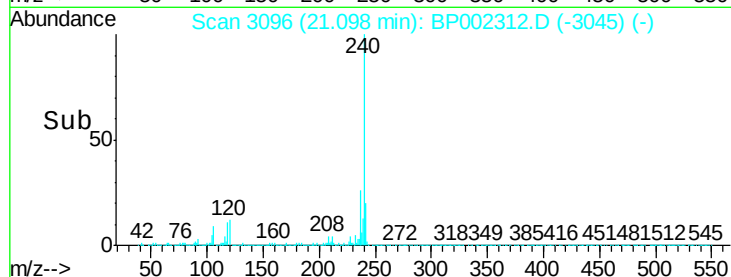
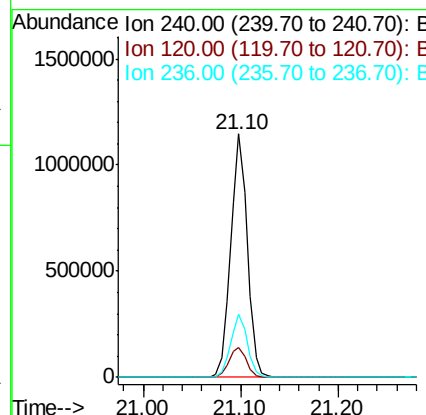
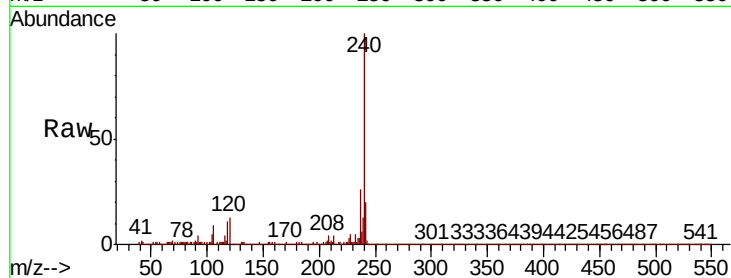
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Instrument :
BNA_P
ClientSampleId :
NM78-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.7	13.1
236	26.1	21.0	31.4

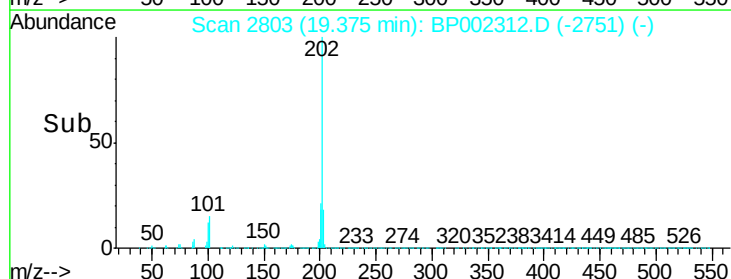
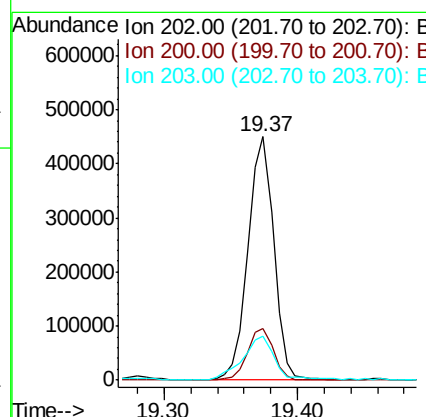
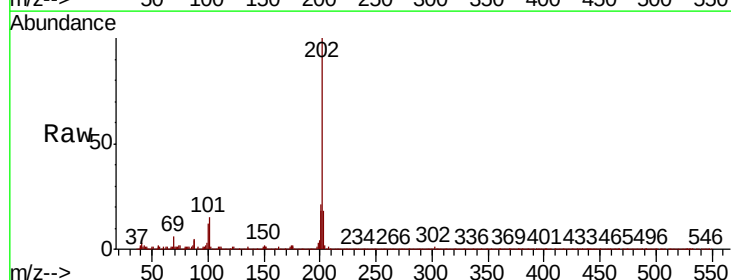
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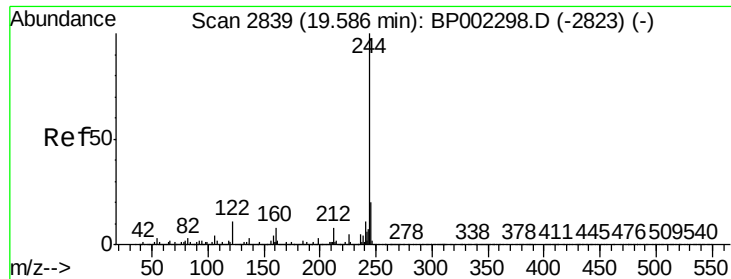
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#78
Pyrene
Concen: 7.090 ng
RT: 19.37 min Scan# 2803
Delta R.T. 0.01 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.3	25.9
203	18.2	13.8	20.6





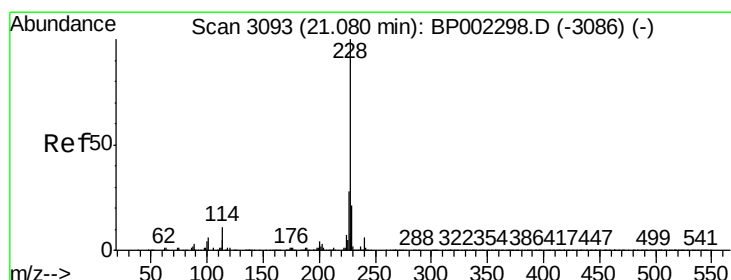
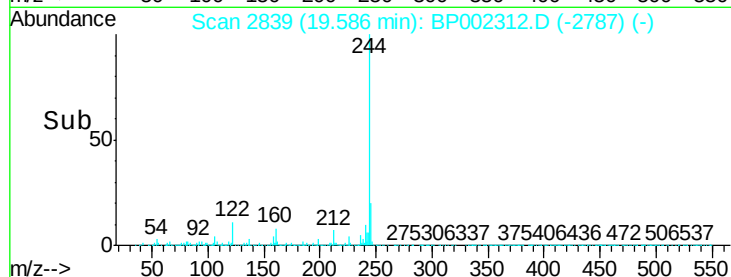
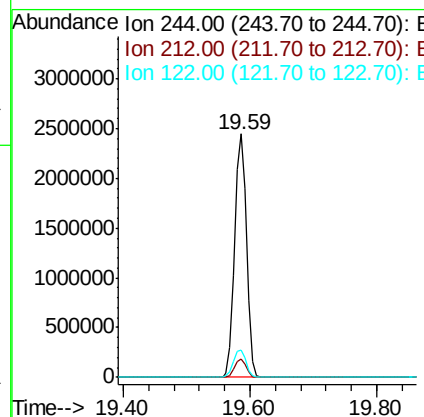
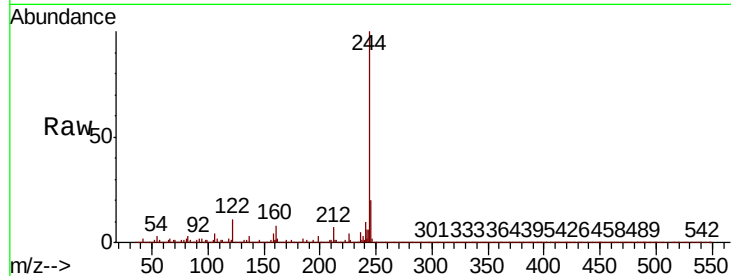
#79
 Terphenyl-d14
 Concen: 55.718 ng
 RT: 19.59 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BP002312.D
 Acq: 28 May 2020 16:33

Instrument :
 BNA_P
 ClientSampleId :
 NM78-COMP-2020-0-6

Tot Ion:244 Resp: 3110042
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 11.1 9.4 14.0

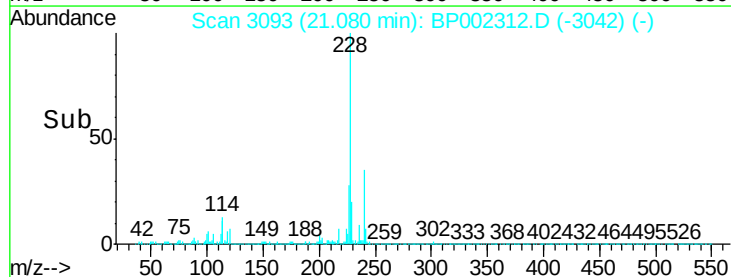
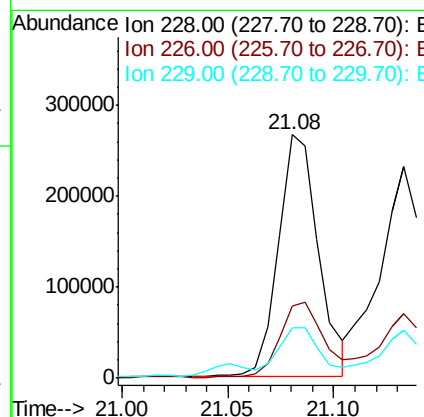
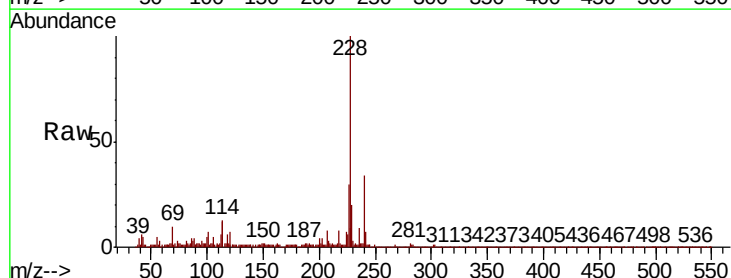
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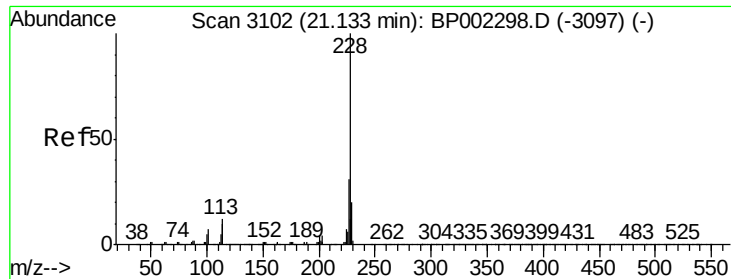
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#81
 Benzo(a)anthracene
 Concen: 4.542 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BP002312.D
 Acq: 28 May 2020 16:33

Tgt Ion:228 Resp: 351477
 Ion Ratio Lower Upper
 228 100
 226 29.9 22.7 34.1
 229 20.5 16.3 24.5





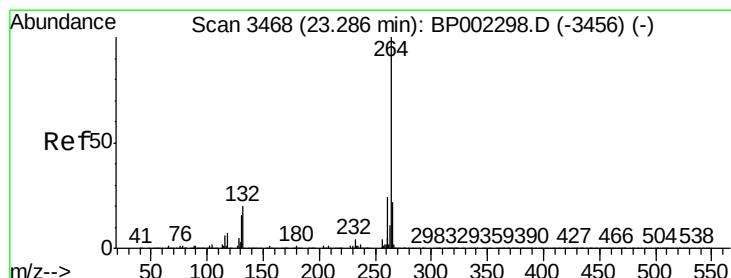
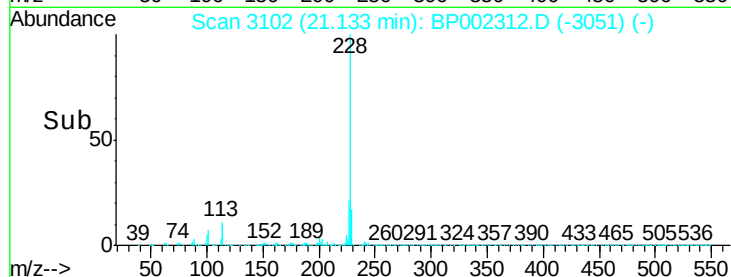
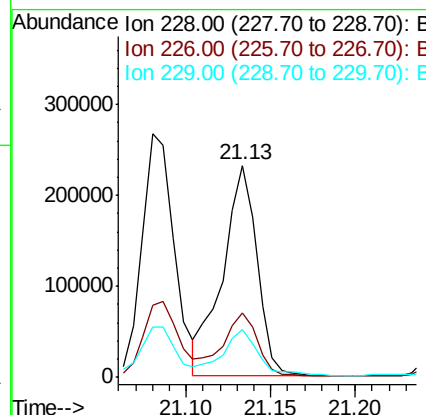
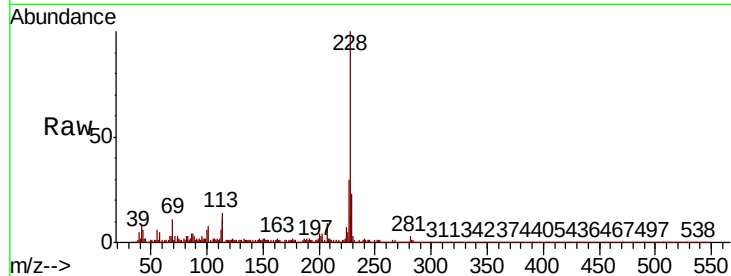
#83
Chrysene
Concen: 4.420 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Instrument :
BNA_P
ClientSampleId :
NM78-COMP-2020-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.2	25.0	37.6		
229	22.8	16.2	24.4		

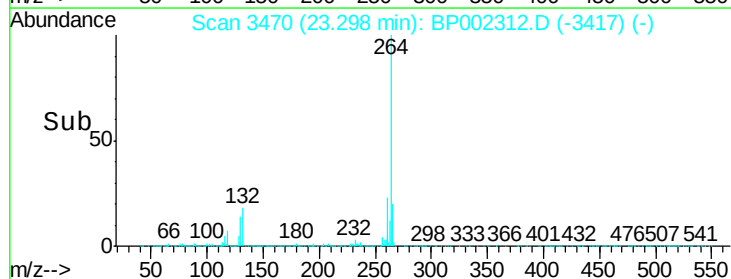
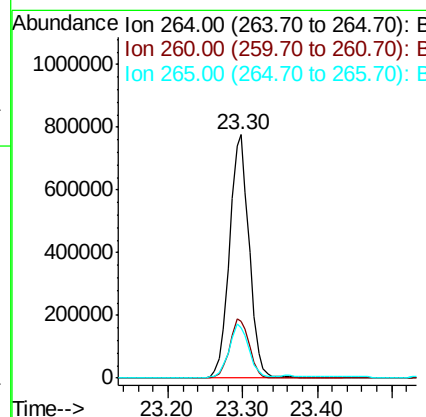
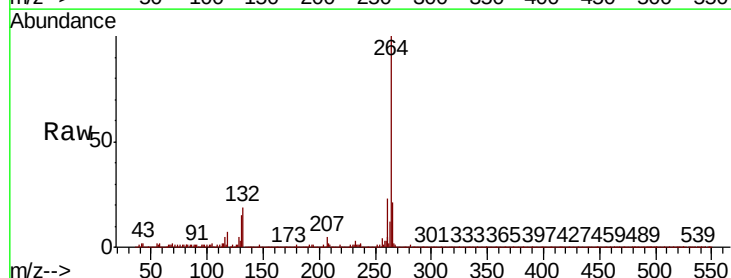
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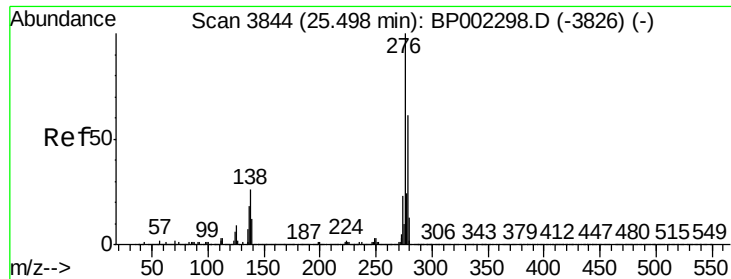
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.3	19.4	29.2		
265	20.6	17.8	26.6		





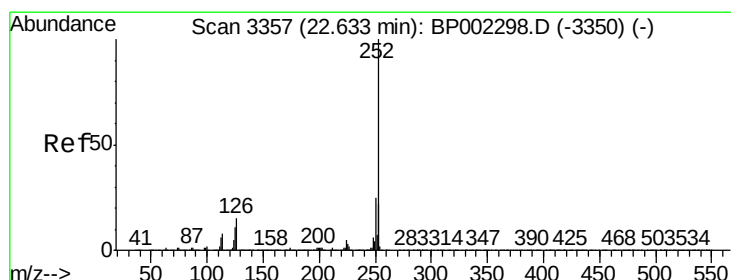
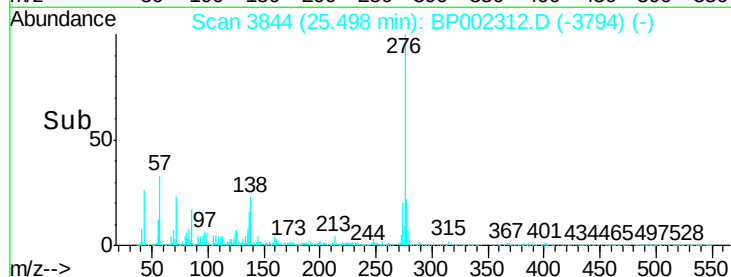
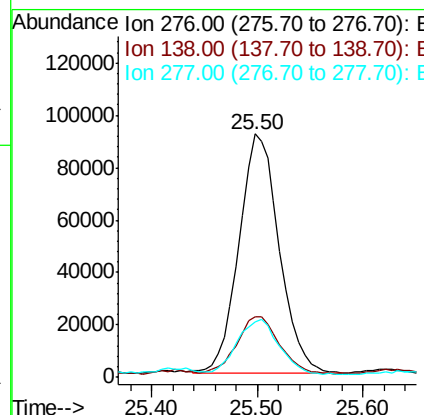
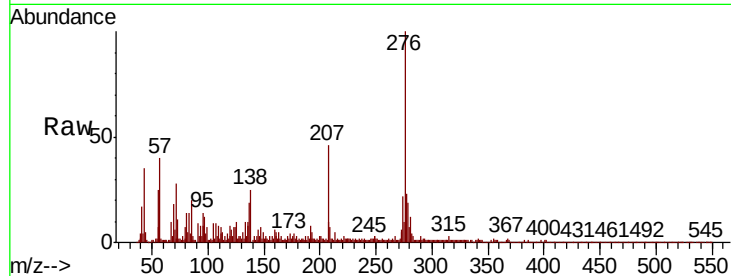
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.739 ng
 RT: 25.50 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BP002312.D
 Acq: 28 May 2020 16:33

Instrument :
 BNA_P
 ClientSampleId :
 NM78-COMP-2020-0-6

Tot Ion:	276	Resp:	240661
Ion Ratio	Lower	Upper	
276	100		
138	25.8	18.2	27.4
277	24.4	20.2	30.2

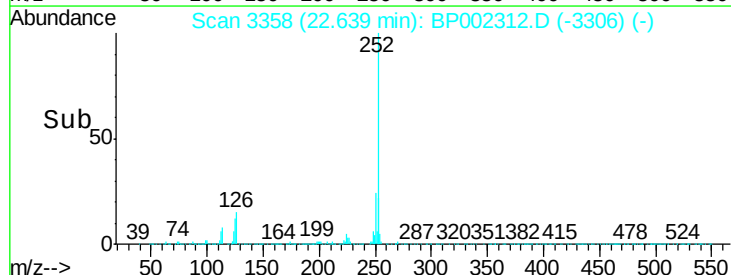
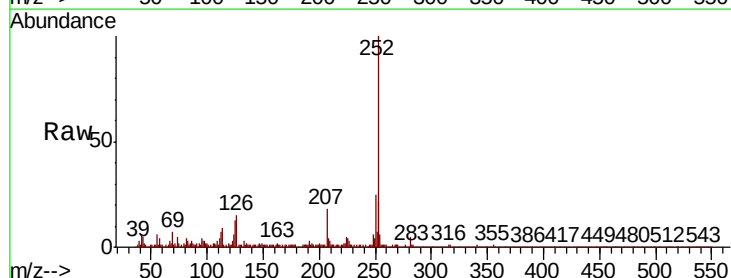
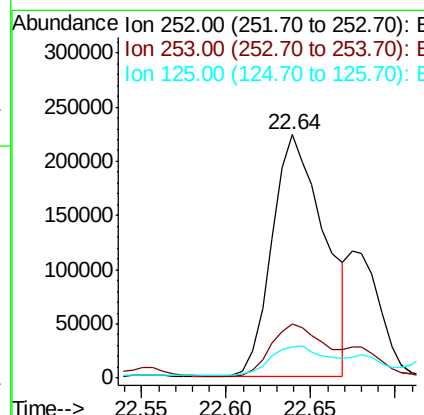
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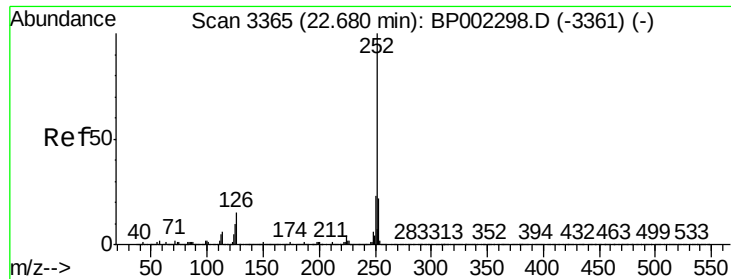
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#88
 Benzo(b)fluoranthene
 Concen: 6.237 ng
 RT: 22.64 min Scan# 3358
 Delta R.T. 0.01 min
 Lab File: BP002312.D
 Acq: 28 May 2020 16:33

Tgt Ion:	252	Resp:	482644
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	12.8	7.2	10.8#





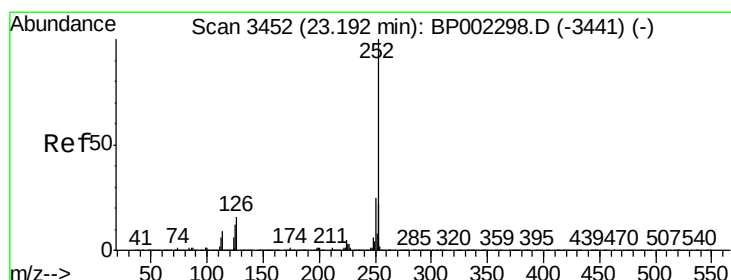
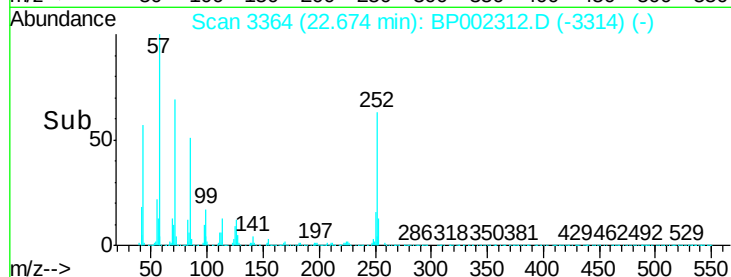
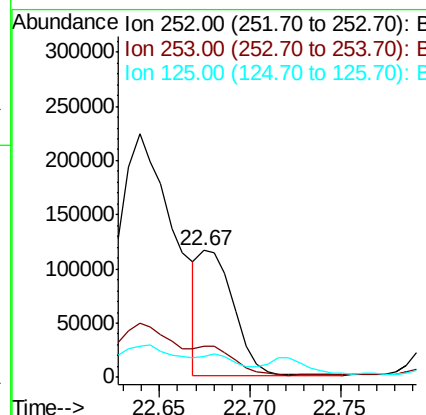
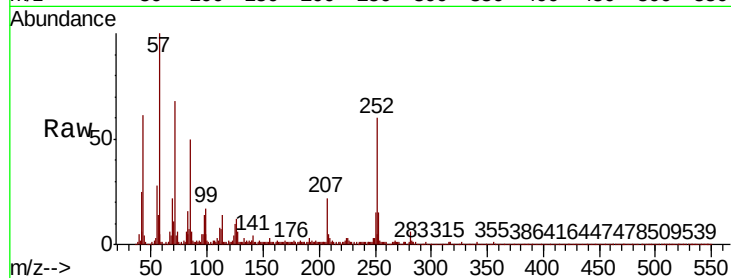
#89
Benzo(k)fluoranthene
Concen: 2.024 ng m
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Instrument :
BNA_P
ClientSampleId :
NM78-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	16.8	7.4	11.2

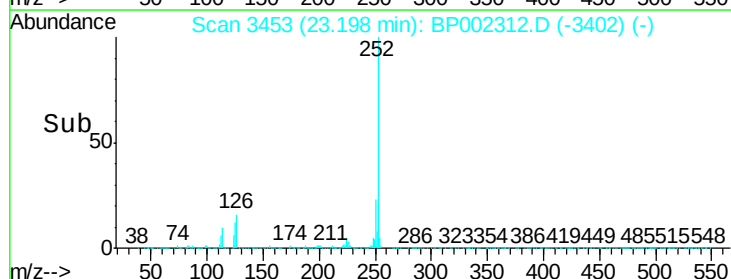
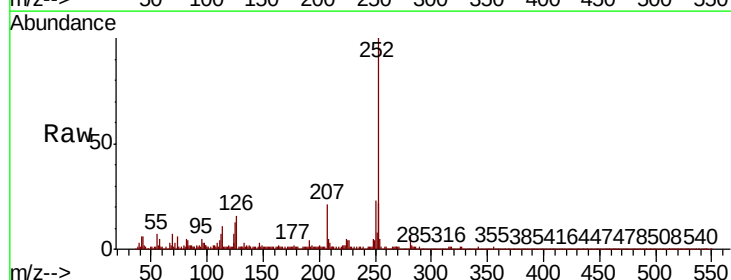
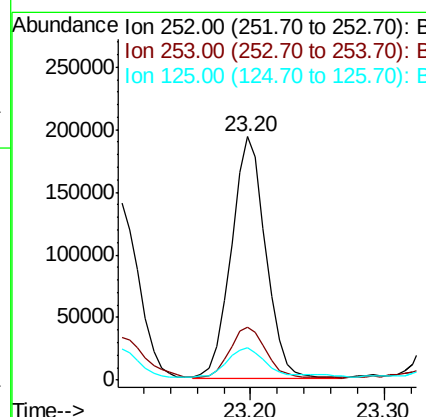
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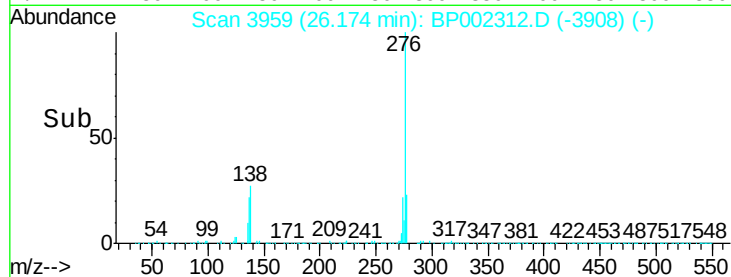
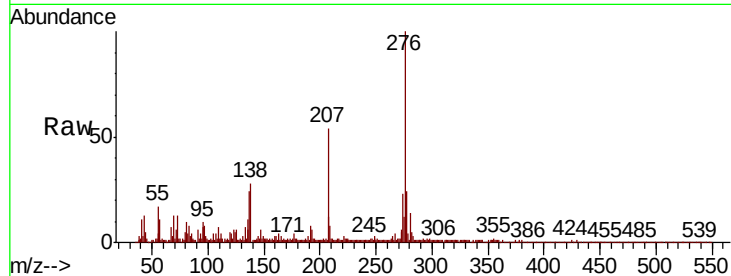
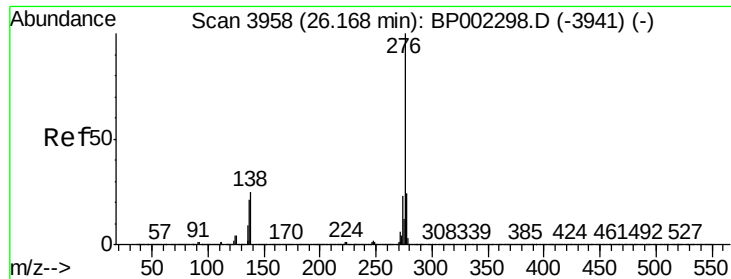
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#90
Benzo(a)pyrene
Concen: 4.792 ng
RT: 23.20 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BP002312.D
Acq: 28 May 2020 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.1	8.4	12.6





#92

Benzo(a,h,i)perylene

Concen: 3.292 ng

RT: 26.17 min Scan# 3959

Delta R.T. -0.00 min

Lab File: BP002312.D

Acq: 28 May 2020 16:33

Instrument :

BNA_P

ClientSampleId :

NM78-COMP-2020-0-6

Tot Ion:	276	Resp:	240513
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.6	28.0
138	28.0	16.0	24.0

Manual Integrations
APPROVED

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