

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052820\
 Data File : BP002304.D
 Acq On : 28 May 2020 11:59
 Operator : CG/JU
 Sample : L2744-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM42-COMP-2020-0-6

Quant Time: May 28 12:42:11 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

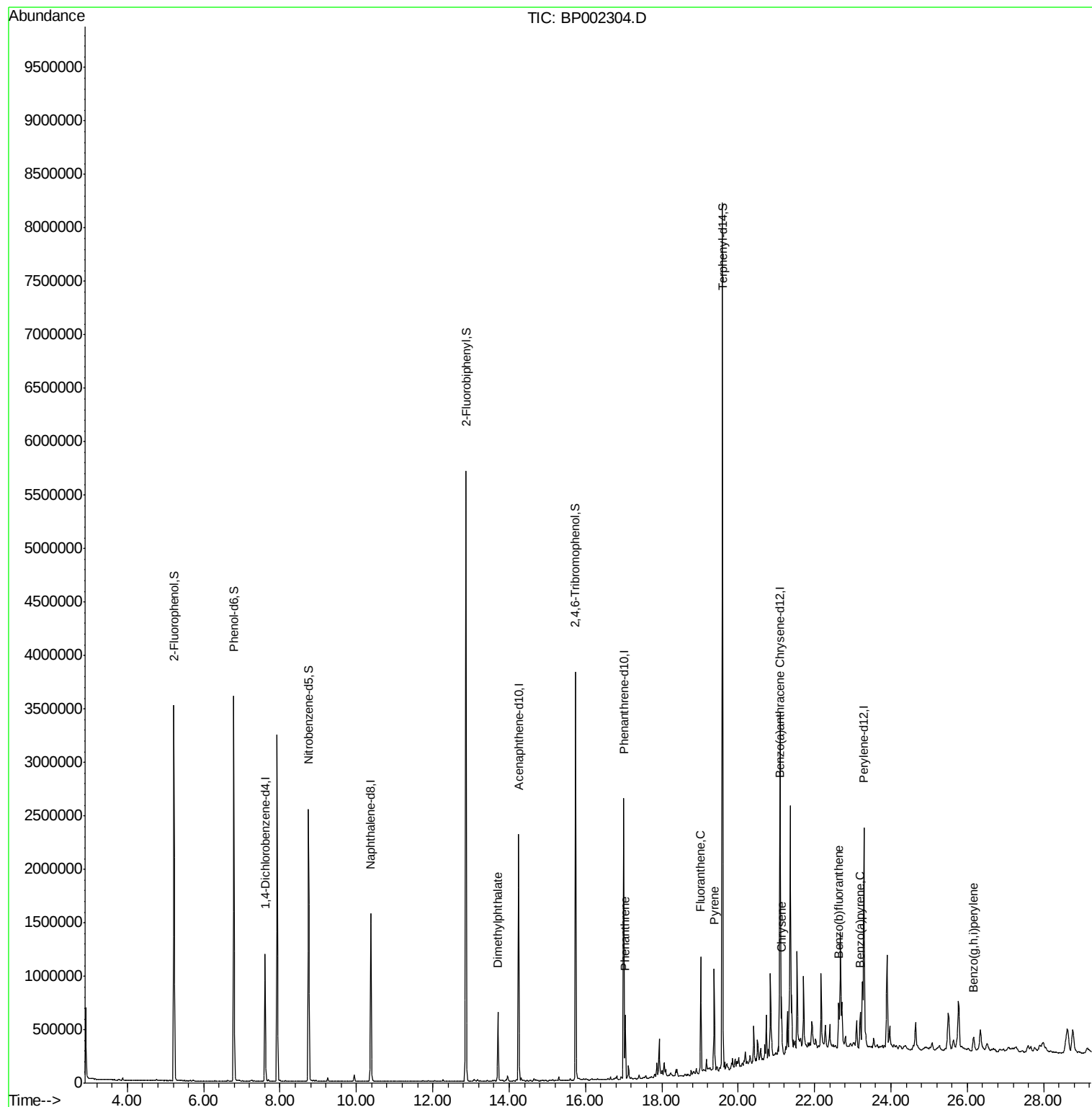
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	312310	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1268931	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	729262	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1486856	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1356827	20.00	ng	0.00
86) Perylene-d12	23.29	264	1428184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1520585	91.44	ng	0.00
7) Phenol-d6	6.79	99	2138656	94.54	ng	0.00
23) Nitrobenzene-d5	8.75	82	1476383	69.95	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	657811	95.17	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3024797	73.19	ng	0.00
79) Terphenyl-d14	19.59	244	3872096	69.11	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.71	163	401262	8.129	ng	99
71) Phenanthrene	17.04	178	337433	4.791	ng	98
75) Fluoranthene	19.02	202	605513	7.465	ng	99
78) Pyrene	19.37	202	534847	6.330	ng	100
81) Benzo(a)anthracene	21.08	228	284650	3.665	ng	95
83) Chrysene	21.13	228	257931	3.460	ng	98
88) Benzo(b)fluoranthene	22.64	252	343087	4.406	ng	# 96
90) Benzo(a)pyrene	23.19	252	235983	3.267	ng	# 97
92) Benzo(g,h,i)perylene	26.17	276	161327	2.194	ng	# 92

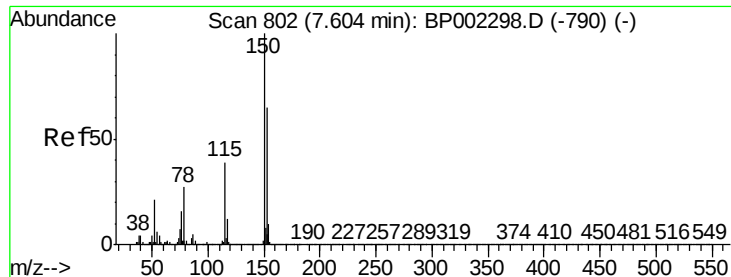
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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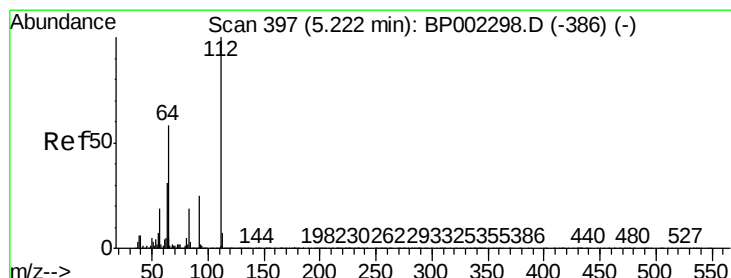
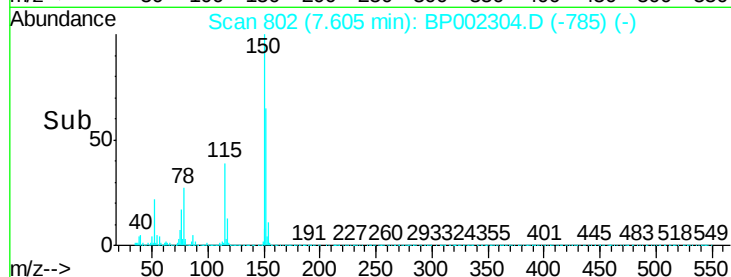
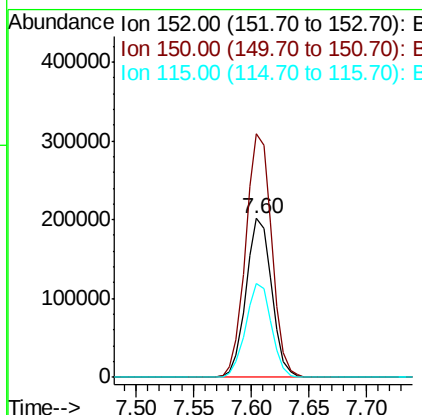
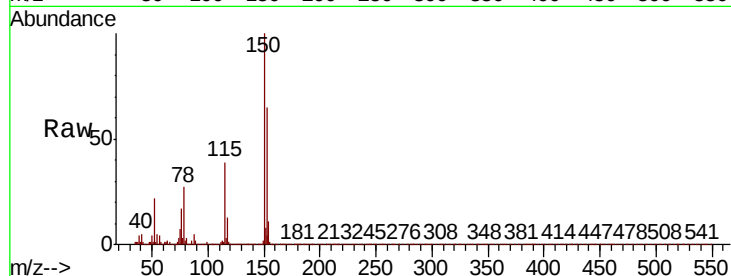


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

Instrument :
BNA_P
ClientSampleId :
NM42-COMP-2020-0-6

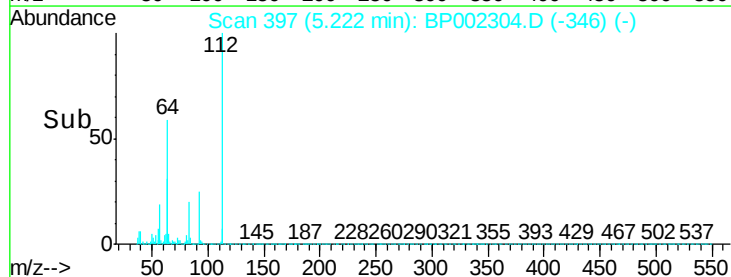
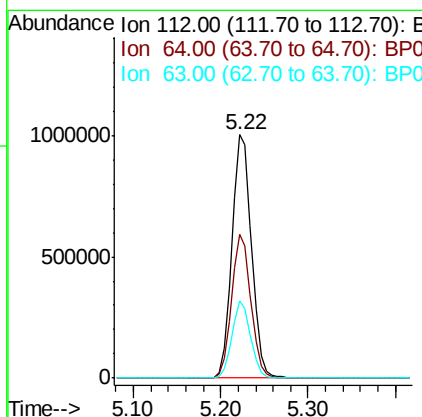
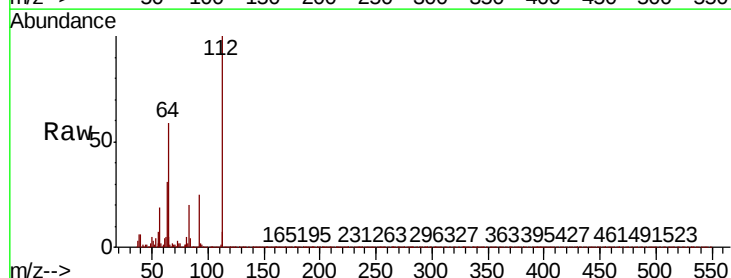
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.7	187.1
115	59.1	49.4	74.2

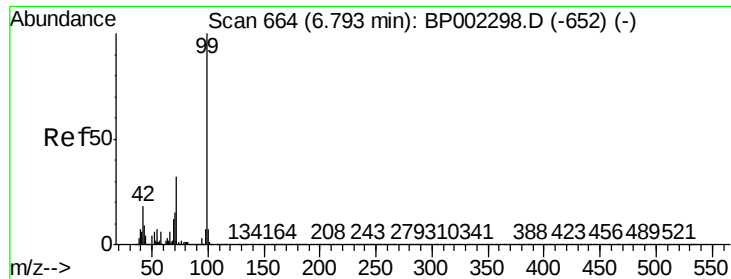


#5

2-Fluorophenol
Concen: 91.443 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.0	70.4
63	31.5	24.0	36.0





#7

Phenol-d6

Concen: 94.545 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.00 min

Lab File: BP002304.D

Acq: 28 May 2020 11:59

Instrument :

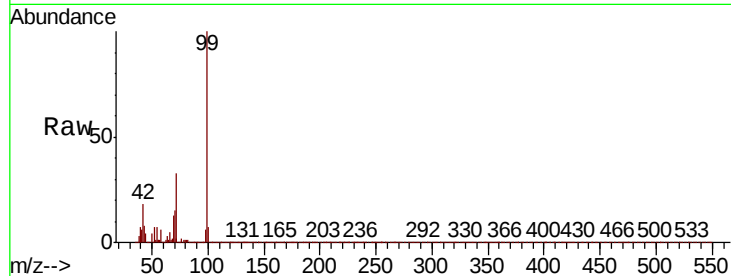
BNA_P

ClientSampleId :

NM42-COMP-2020-0-6

Tot Ion: 99 Resp: 2138656

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.9	20.9
71	32.8	25.8	38.8

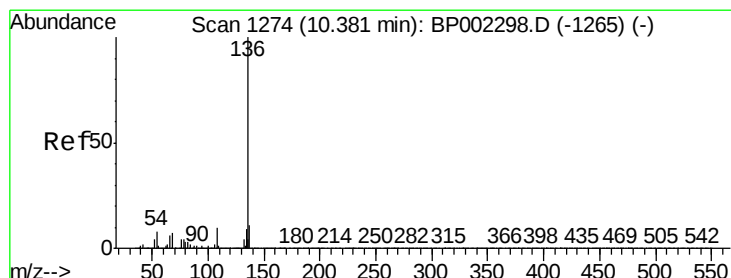
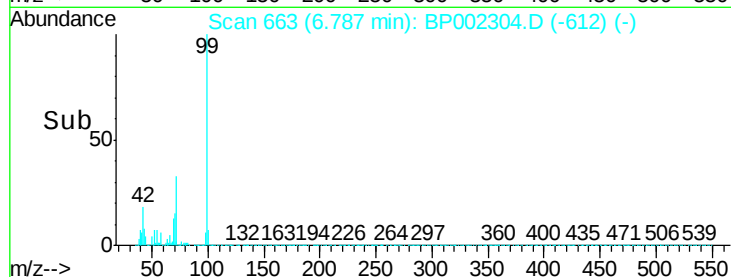
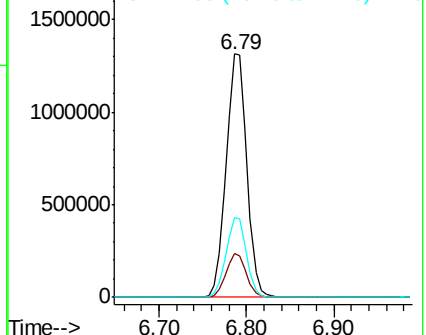


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1273

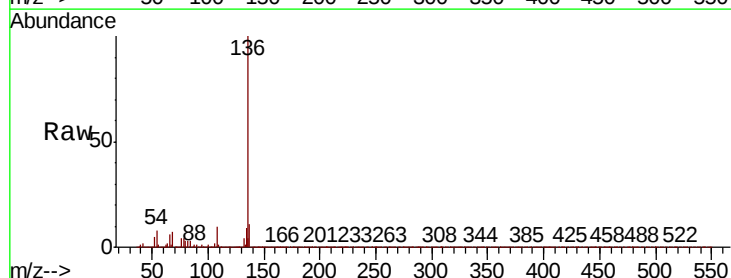
Delta R.T. -0.00 min

Lab File: BP002304.D

Acq: 28 May 2020 11:59

Tgt Ion: 136 Resp: 1268931

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	6.9	10.3
68	7.2	5.6	8.4



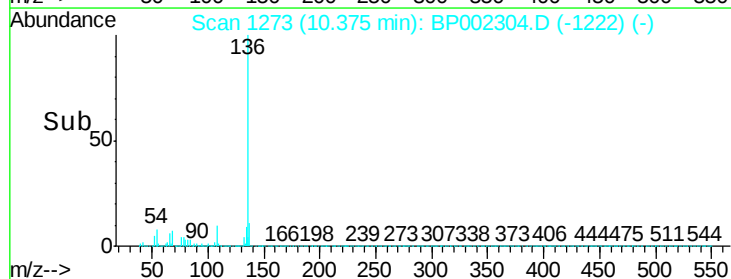
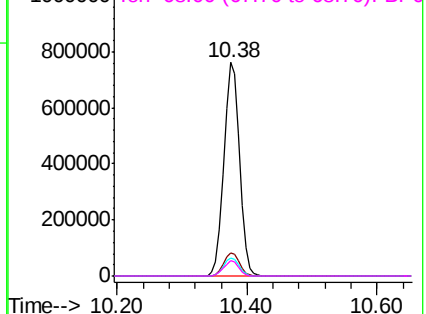
Abundance

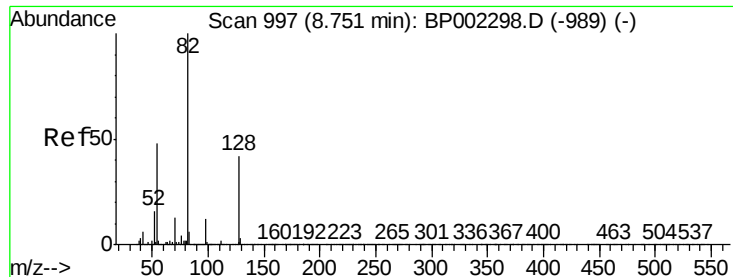
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

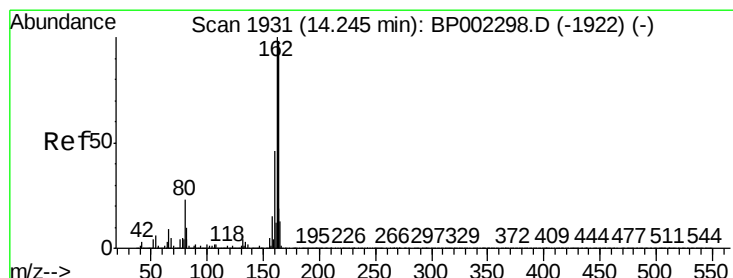
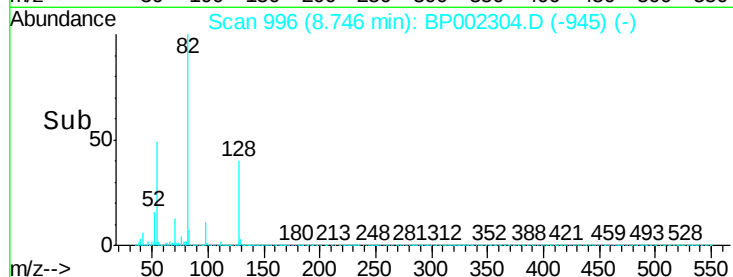
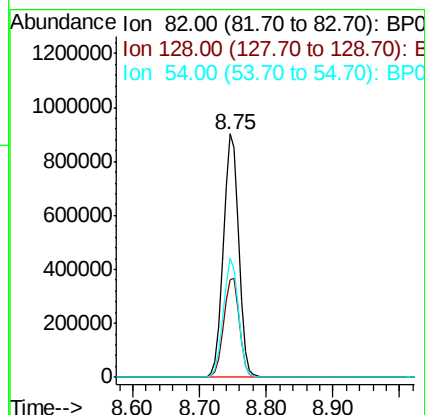
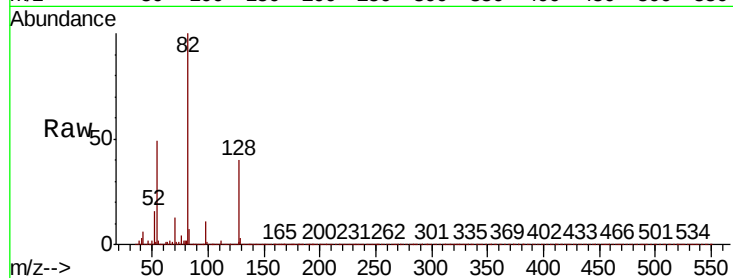




#23
Nitrobenzene-d5
Concen: 69.952 ng
RT: 8.75 min Scan# 996
Delta R.T. -0.00 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

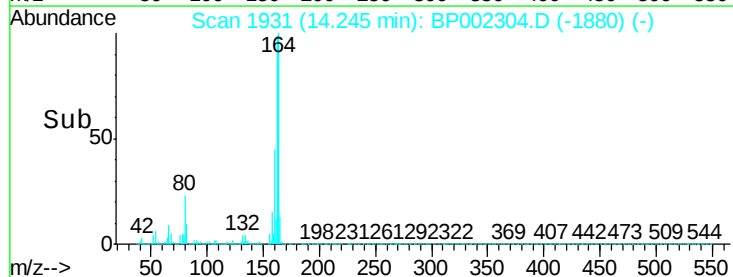
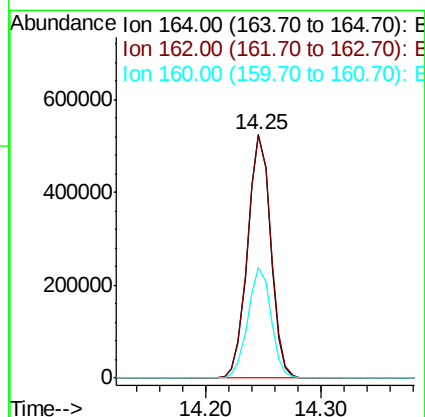
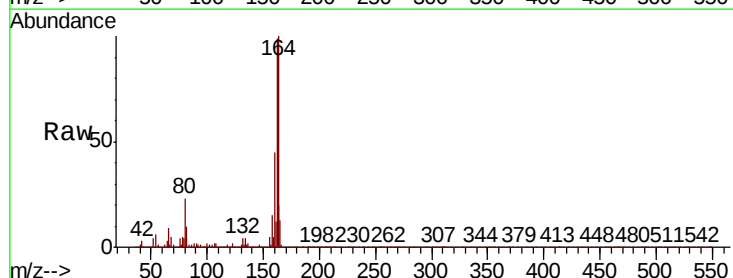
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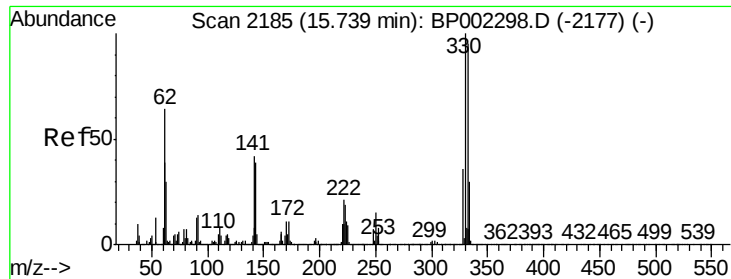
Tot Ion: 82 Resp: 1476383
Ion Ratio Lower Upper
82 100
128 40.3 33.4 50.0
54 48.8 38.3 57.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

Tgt Ion:164 Resp: 729262
Ion Ratio Lower Upper
164 100
162 99.3 81.3 121.9
160 45.2 37.2 55.8

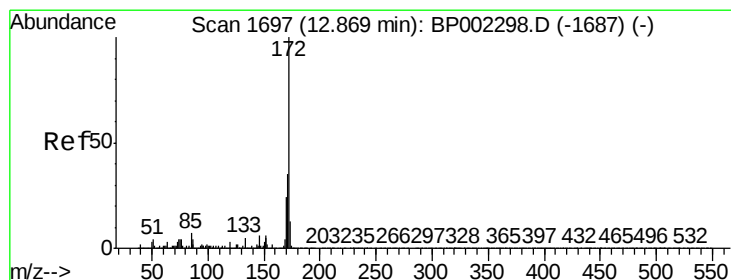
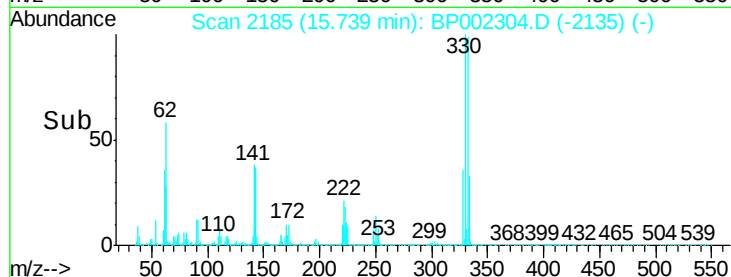
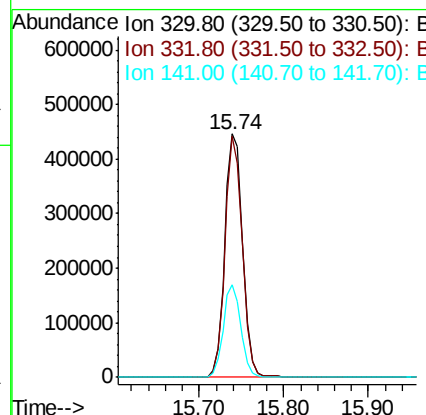
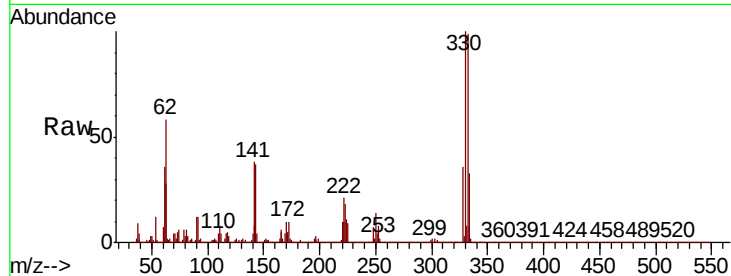




#42
 2,4,6-Tribromophenol
 Concen: 95.175 ng
 RT: 15.74 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BP002304.D
 Acq: 28 May 2020 11:59

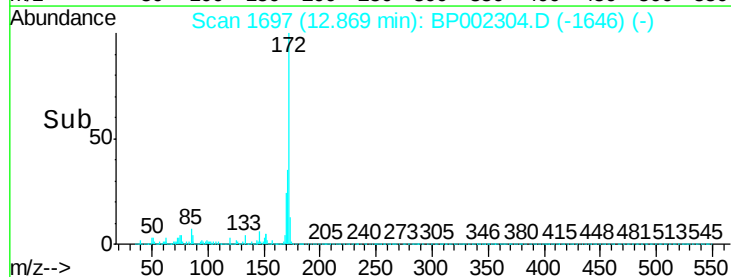
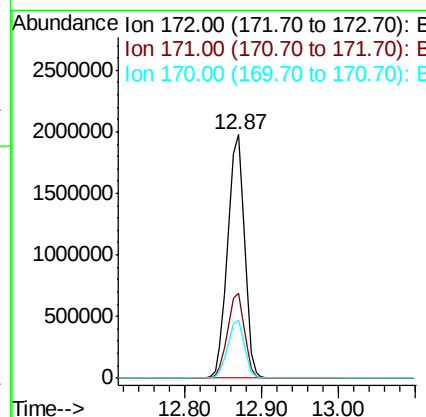
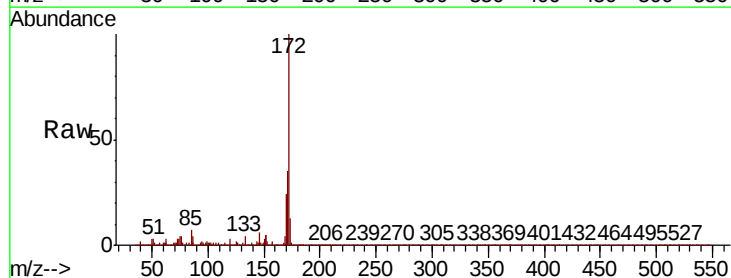
Instrument :
 BNA_P
 ClientSampleId :
 NM42-COMP-2020-0-6

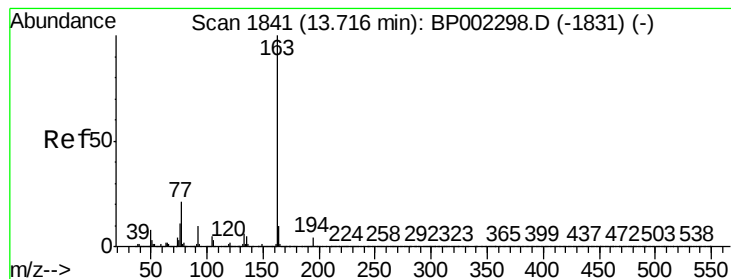
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	38.0	31.4	47.2



#45
 2-Fluorobiphenyl
 Concen: 73.189 ng
 RT: 12.87 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BP002304.D
 Acq: 28 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.6	41.4
170	23.9	18.9	28.3





#50

Dimethylphthalate

Concen: 8.129 ng

RT: 13.71 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BP002304.D

Acq: 28 May 2020 11:59

Instrument :

BNA_P

ClientSampleId :

NM42-COMP-2020-0-6

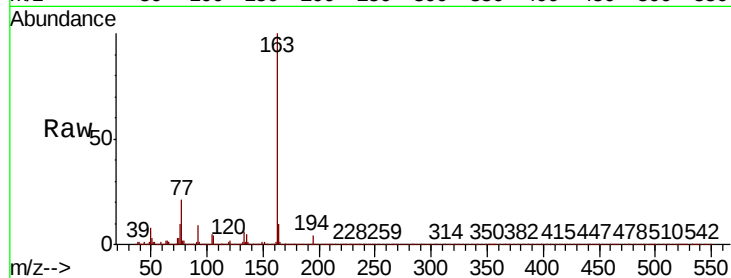
Tot Ion:163 Resp: 401262

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

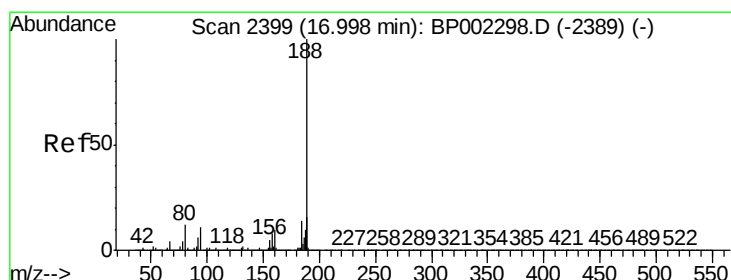
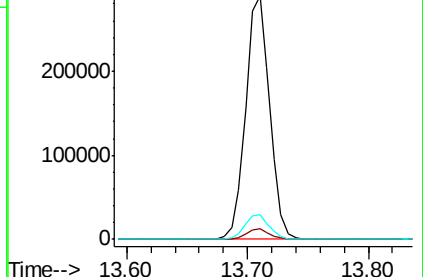
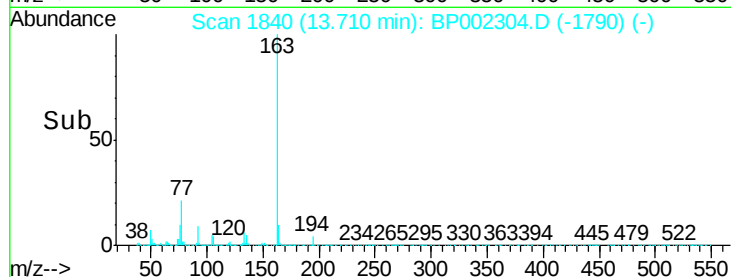
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BP002304.D

Acq: 28 May 2020 11:59

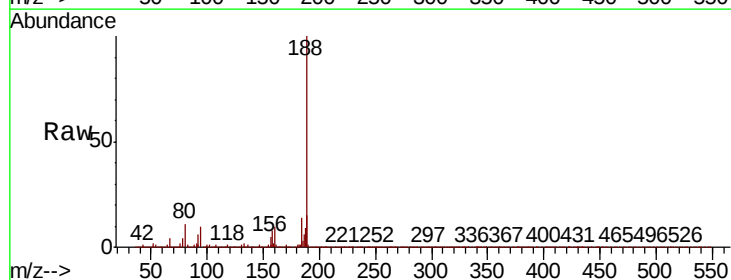
Tgt Ion:188 Resp: 1486856

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

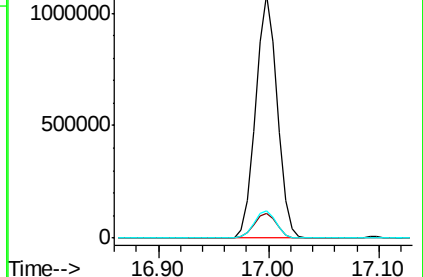
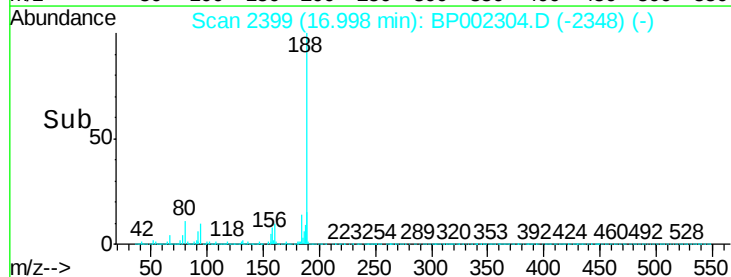
80 11.3 9.3 13.9

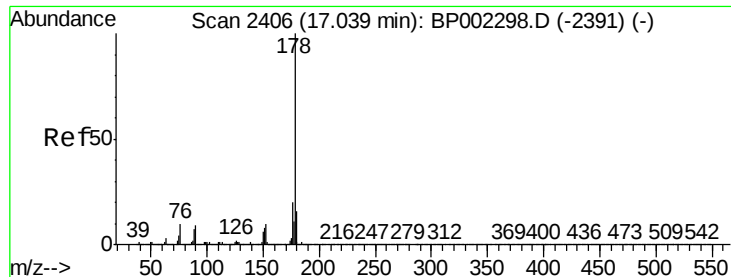


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

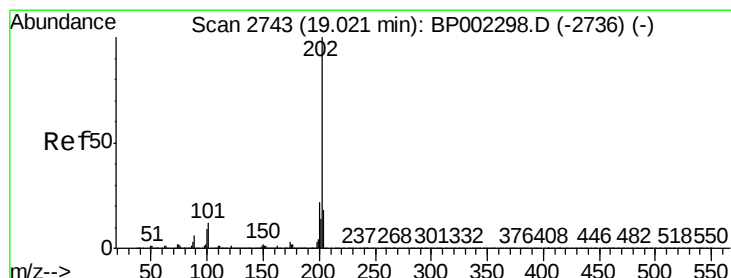
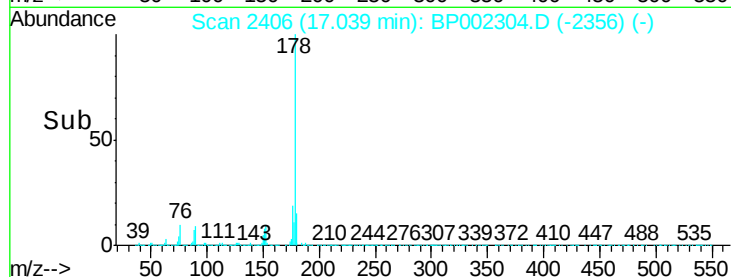
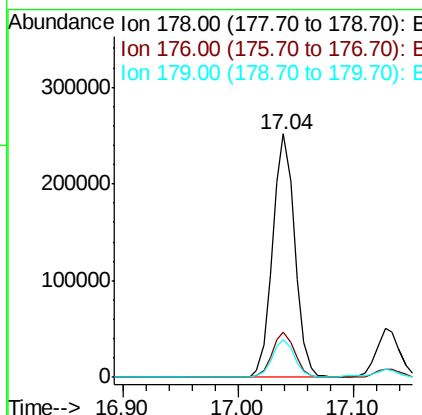
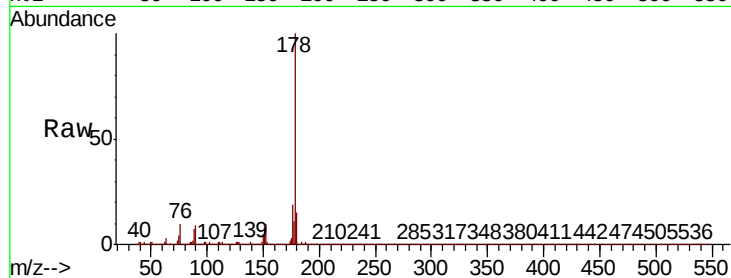




#71
Phenanthrene
Concen: 4.791 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

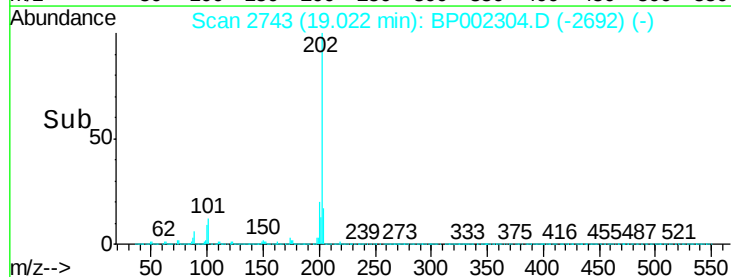
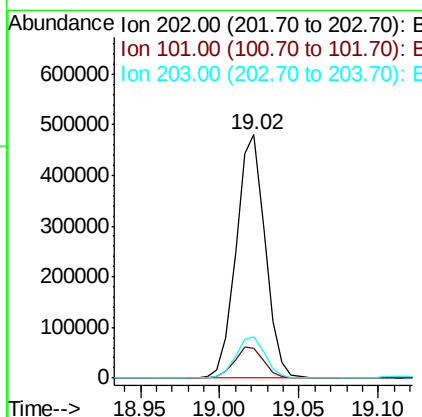
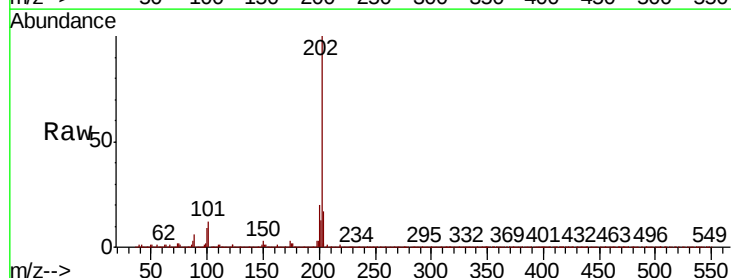
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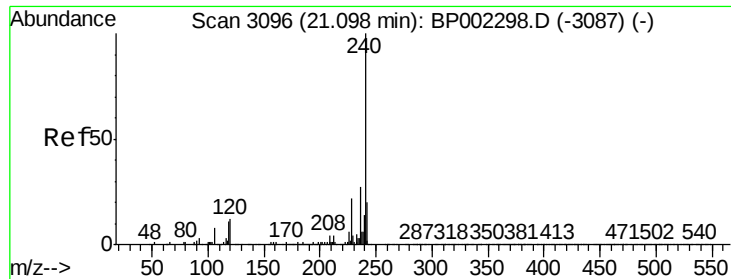
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.2	12.6	18.8



#75
Fluoranthene
Concen: 7.465 ng
RT: 19.02 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.1
203	17.0	0.0	37.6

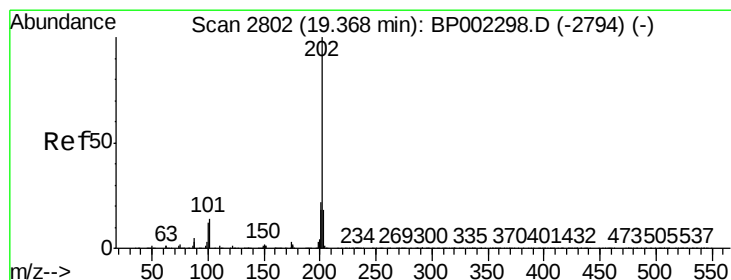
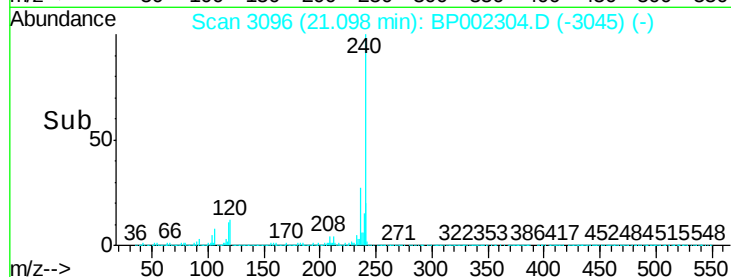
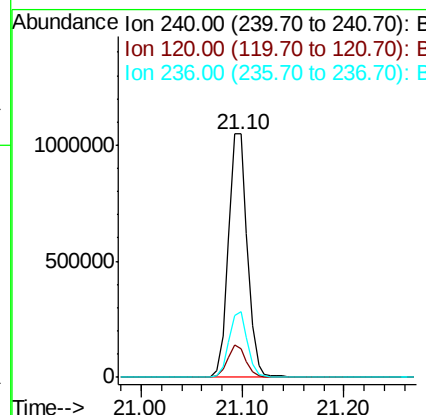
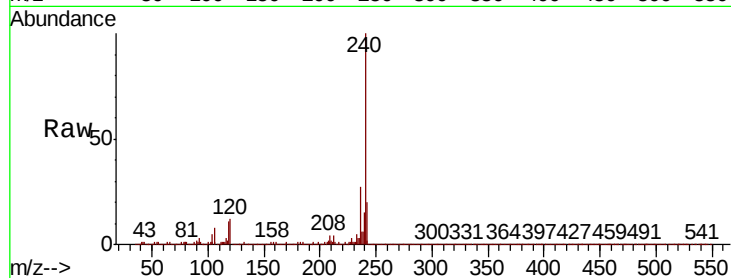




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

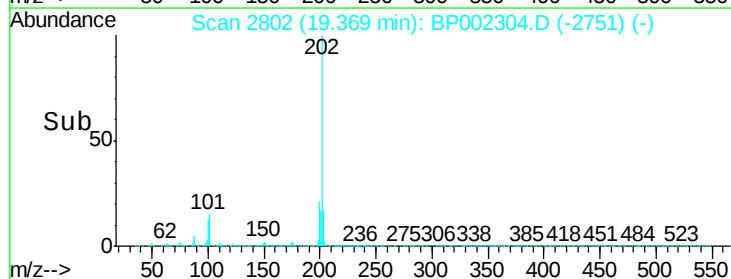
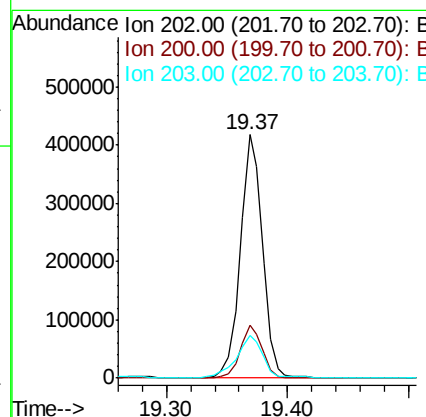
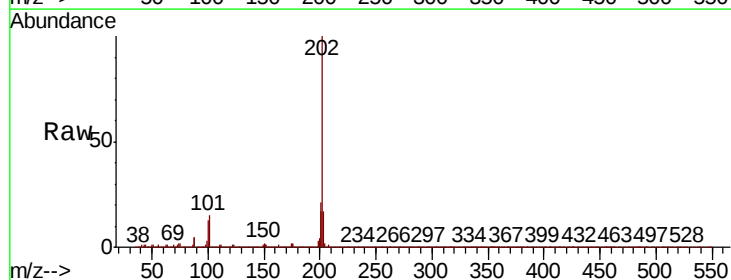
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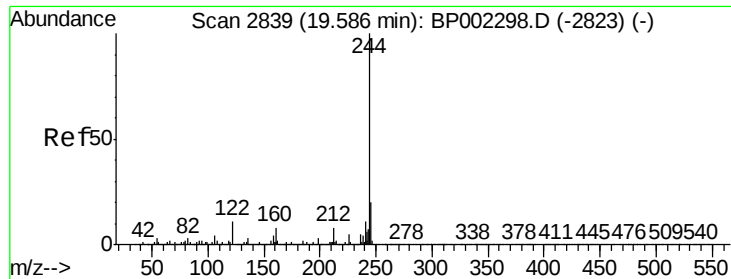
Tot Ion:240 Resp: 1356827
Ion Ratio Lower Upper
240 100
120 12.0 8.7 13.1
236 26.8 21.0 31.4



#78
Pyrene
Concen: 6.330 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

Tgt Ion:202 Resp: 534847
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 69.111 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BP002304.D

Acq: 28 May 2020 11:59

Instrument :

BNA_P

ClientSampleId :

NM42-COMP-2020-0-6

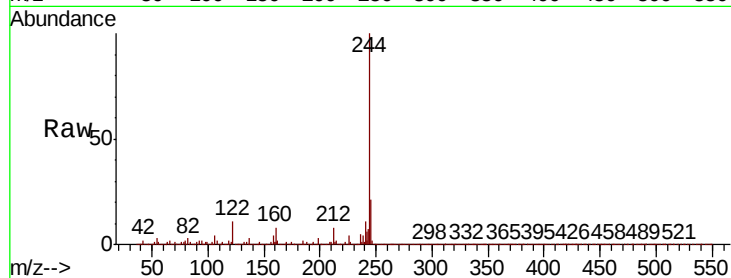
Tot Ion:244 Resp: 3872096

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

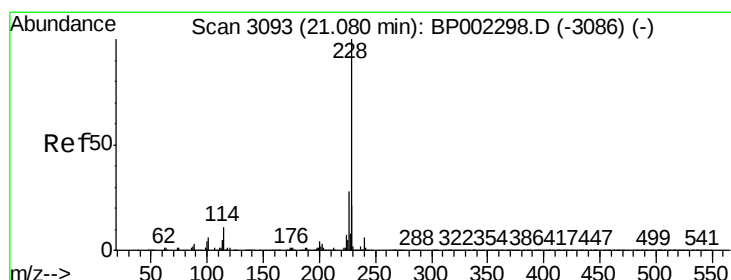
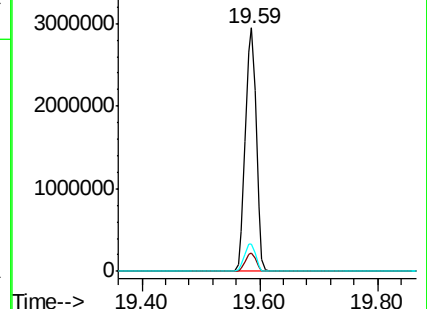
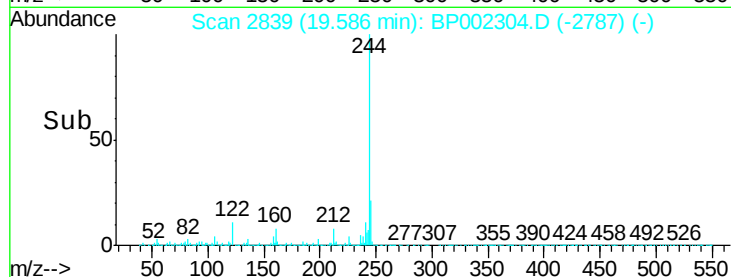
122 11.1 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.665 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BP002304.D

Acq: 28 May 2020 11:59

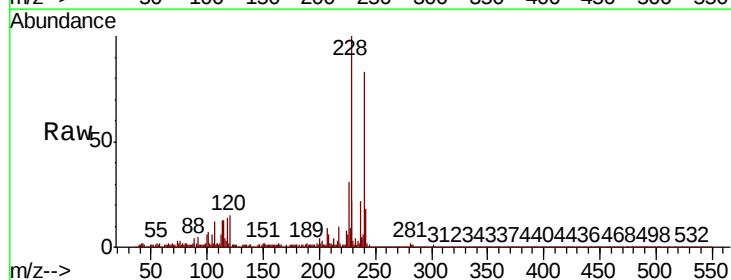
Tgt Ion:228 Resp: 284650

Ion Ratio Lower Upper

228 100

226 31.4 22.7 34.1

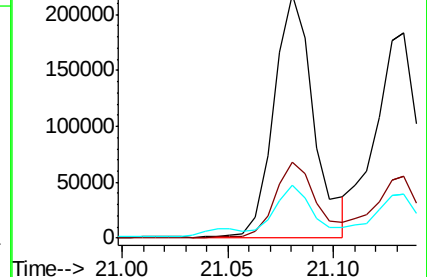
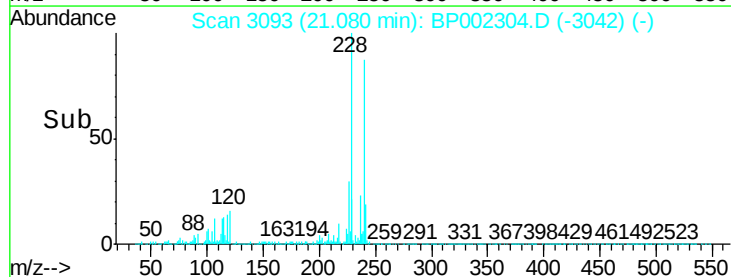
229 21.8 16.3 24.5

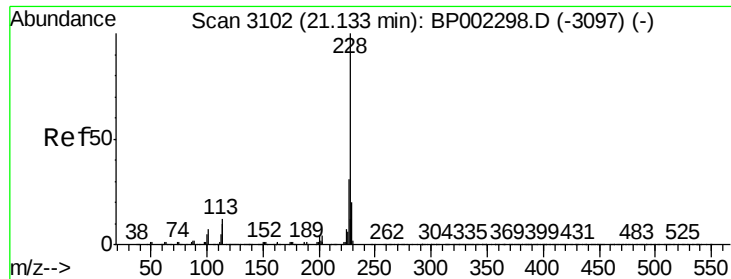


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

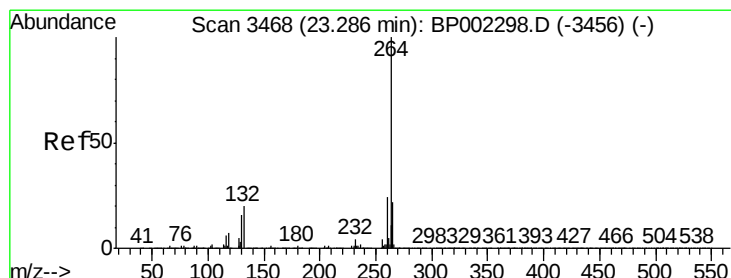
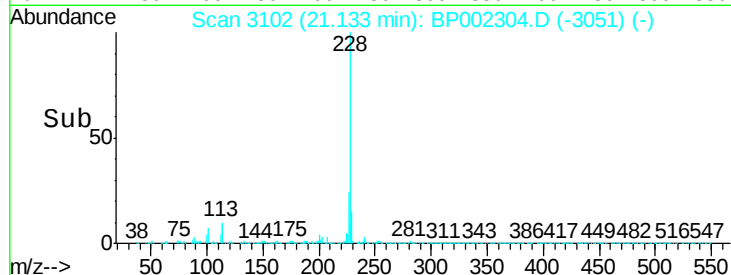
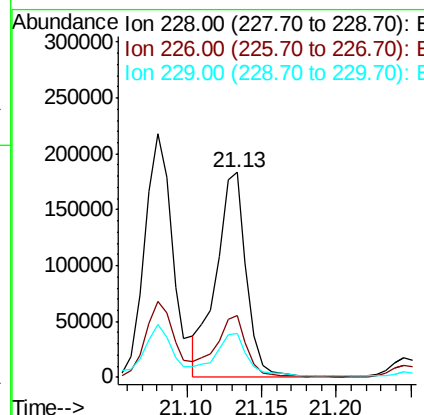
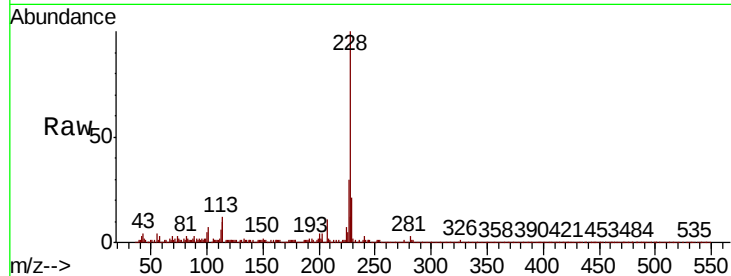




#83
Chrysene
Concen: 3.460 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

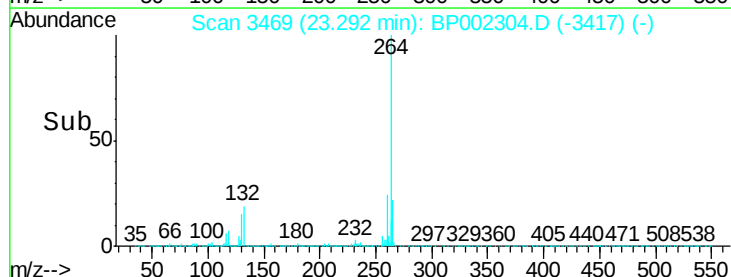
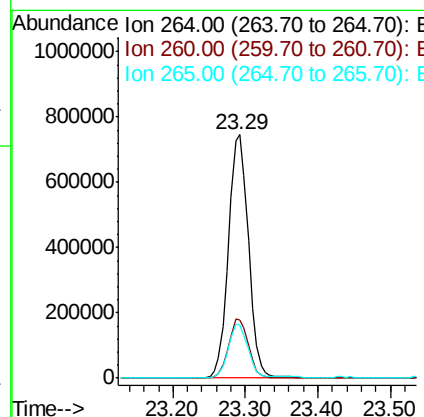
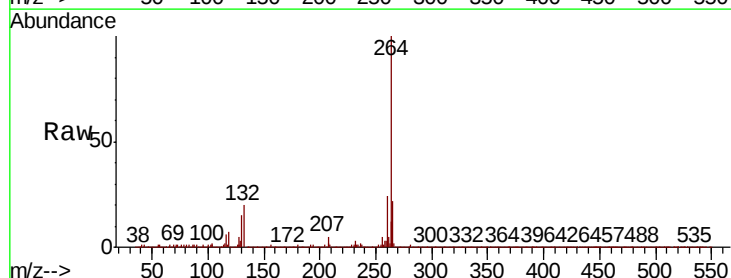
Instrument :
BNA_P
ClientSampleId :
NM42-COMP-2020-0-6

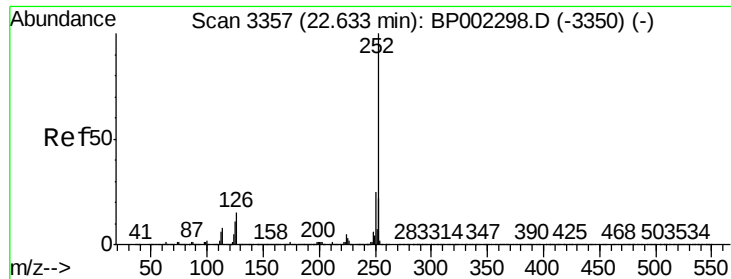
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.1	16.2	24.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002304.D
Acq: 28 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.0	17.8	26.6





#88

Benzo(b)fluoranthene

Concen: 4.406 ng

RT: 22.64 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BP002304.D

Acq: 28 May 2020 11:59

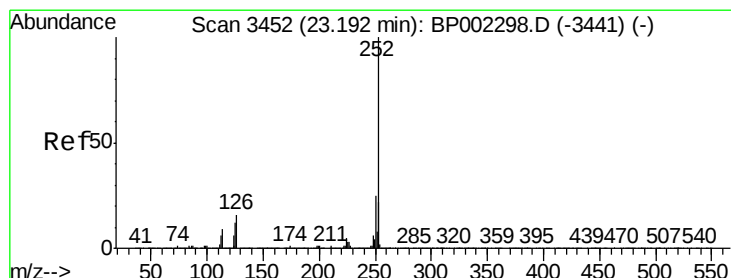
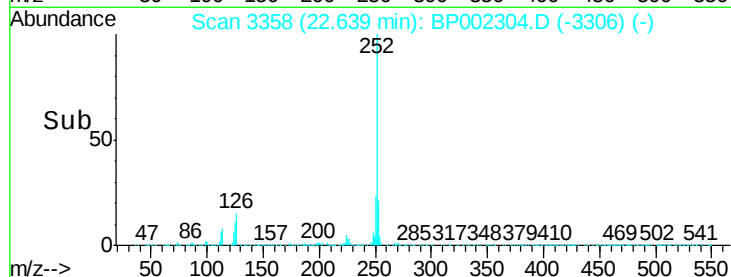
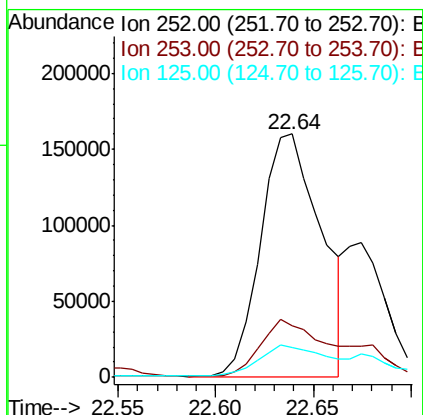
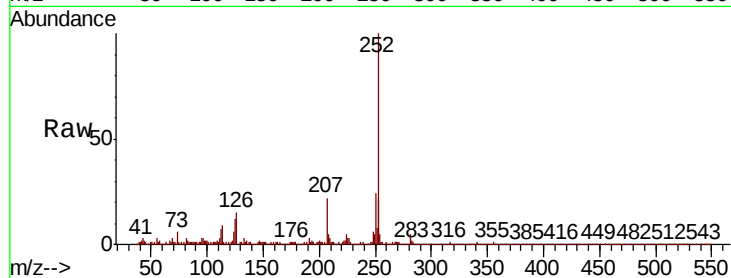
Instrument :

BNA_P

ClientSampleId :

NM42-COMP-2020-0-6

Tot Ion:252	Resp:	343087
Ion Ratio	Lower	Upper
252	100	
253	21.3	18.2 27.2
125	12.1	7.2 10.8#



#90

Benzo(a)pyrene

Concen: 3.267 ng

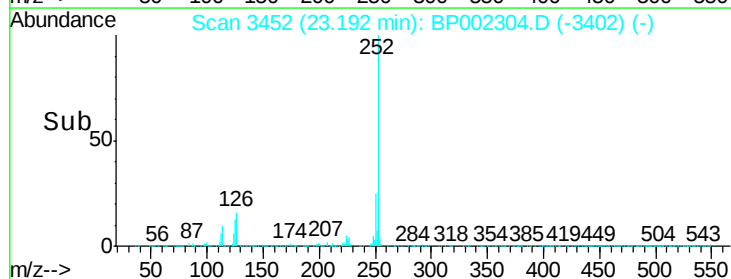
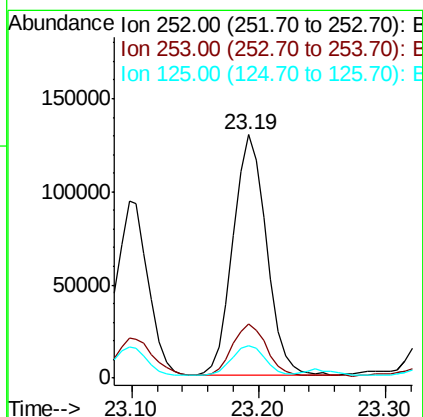
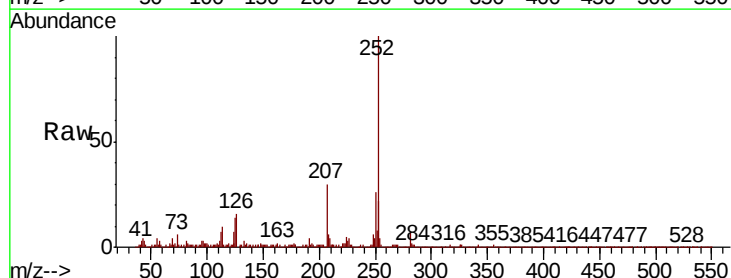
RT: 23.19 min Scan# 3452

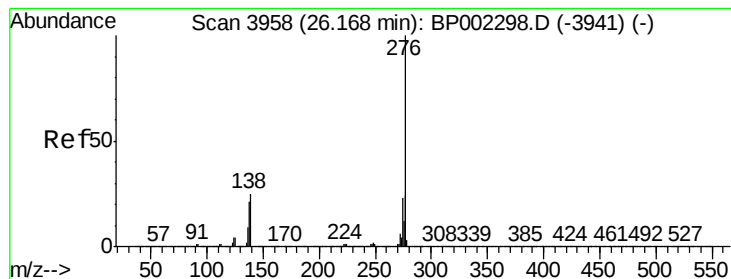
Delta R.T. -0.01 min

Lab File: BP002304.D

Acq: 28 May 2020 11:59

Tgt Ion:252	Resp:	235983
Ion Ratio	Lower	Upper
252	100	
253	22.4	18.0 27.0
125	13.6	8.4 12.6#





#92

Benzo(a,h,i)perylene

Concen: 2.194 ng

RT: 26.17 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BP002304.D

Acq: 28 May 2020 11:59

Instrument :

BNA_P

ClientSampleId :

NM42-COMP-2020-0-6

Tot Ion: 276 Resp: 161327

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 27.3 16.0 24.0#

