

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP052820\
 Data File : BP002303.D
 Acq On : 28 May 2020 11:25
 Operator : CG/JU
 Sample : L2744-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM55-COMP-2020-0-6

Quant Time: May 28 12:37:41 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

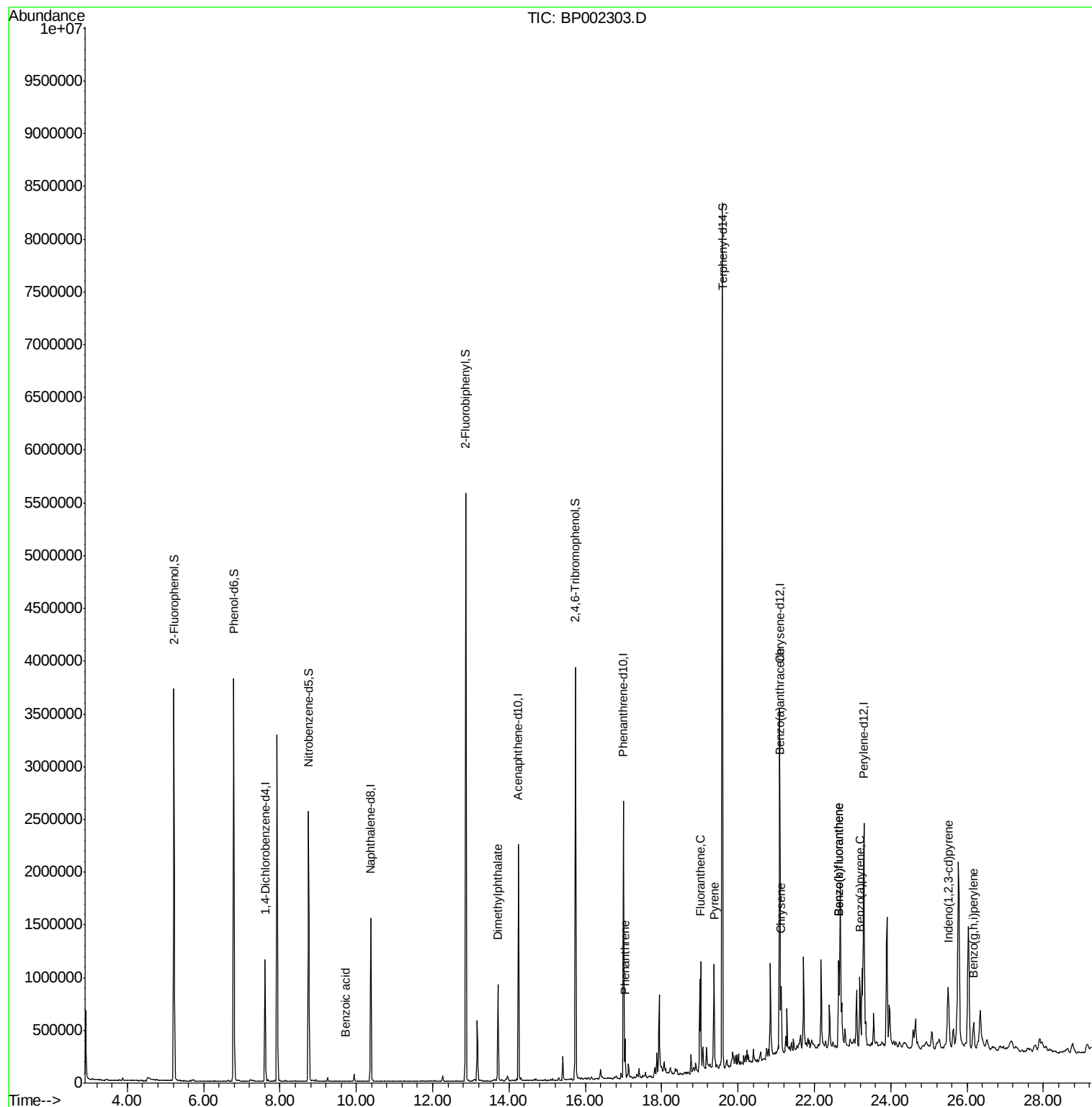
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	296606	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1232747	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	718417	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1491480	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1377312	20.00	ng	0.00
86) Perylene-d12	23.29	264	1419622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1591340	100.76	ng	0.00
7) Phenol-d6	6.79	99	2214113	103.06	ng	0.00
23) Nitrobenzene-d5	8.75	82	1451806	70.81	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	676529	99.36	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2992519	73.50	ng	0.00
79) Terphenyl-d14	19.59	244	3900220	68.58	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	285	4.831	ng	Qvalue # 76
50) Dimethylphthalate	13.71	163	564607	11.611	ng	100
71) Phenanthrene	17.04	178	212850	3.013	ng	98
75) Fluoranthene	19.02	202	580316	7.132	ng	99
78) Pyrene	19.37	202	570350	6.650	ng	98
81) Benzo(a)anthracene	21.08	228	352255	4.468	ng	98
83) Chrysene	21.13	228	394784	5.217	ng	97
87) Indeno(1,2,3-cd)pyrene	25.50	276	298022	3.392	ng	96
88) Benzo(b)fluoranthene	22.64	252	908742	11.741	ng	# 97
89) Benzo(k)fluoranthene	22.64	252	908742	12.235	ng	# 97
90) Benzo(a)pyrene	23.19	252	464535	6.470	ng	# 97
92) Benzo(a,h,i)perylene	26.17	276	290492	3.975	ng	# 93

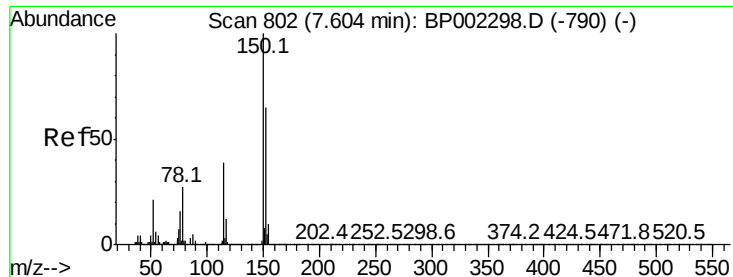
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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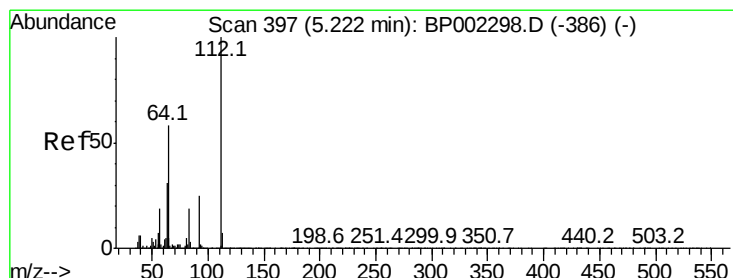
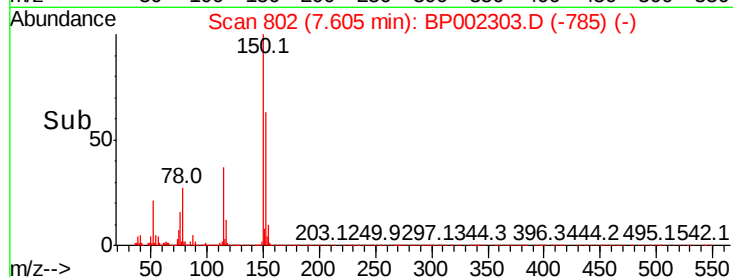
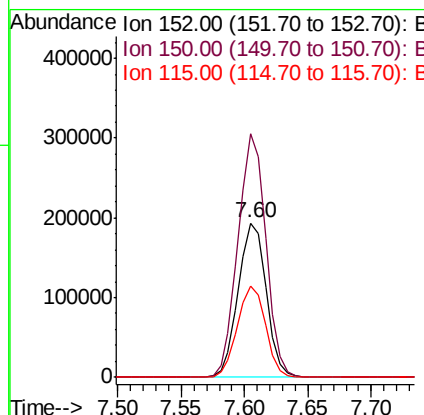
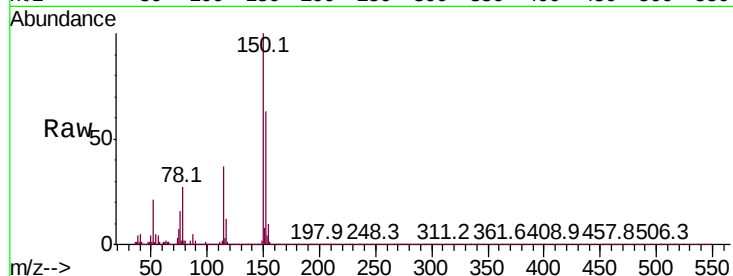


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002303.D
Acq: 28 May 2020 11:25

Instrument :
BNA_P
ClientSampleId :
NM55-COMP-2020-0-6

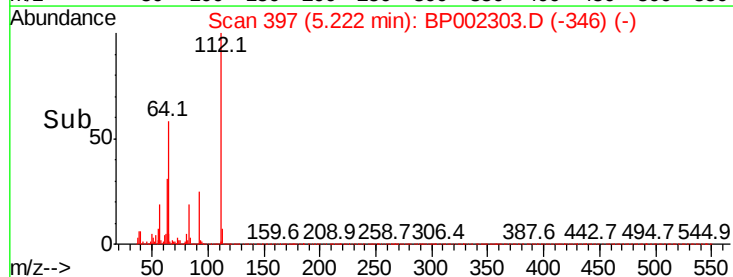
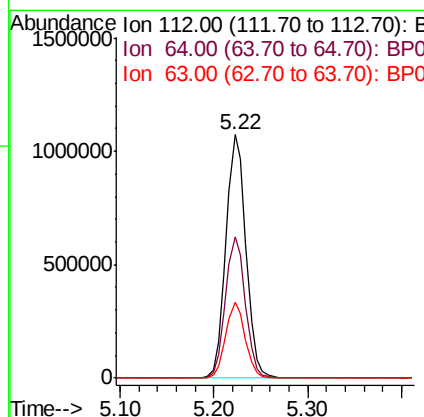
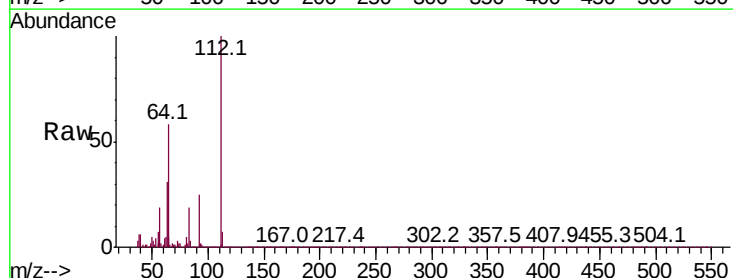
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.7	187.1
115	59.0	49.4	74.2

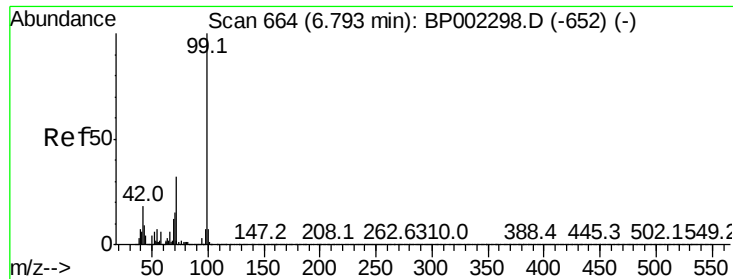


#5

2-Fluorophenol
Concen: 100.765 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002303.D
Acq: 28 May 2020 11:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.0	70.4
63	31.2	24.0	36.0





#7

Phenol-d6

Concen: 103.063 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.00 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

Instrument :

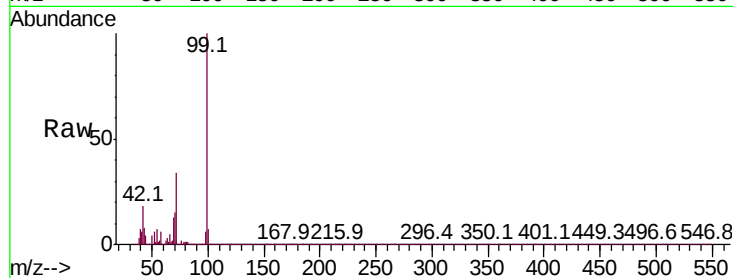
BNA_P

ClientSampleId :

NM55-COMP-2020-0-6

Tot Ion: 99 Resp: 2214113

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.9	20.9
71	33.5	25.8	38.8

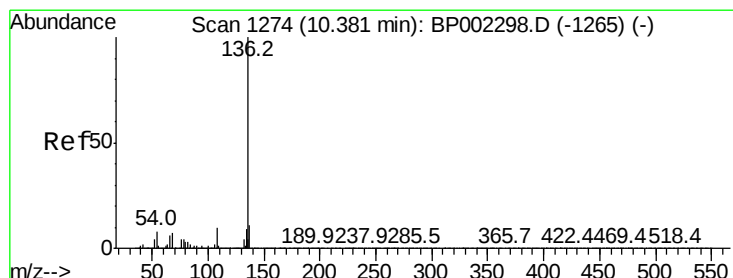
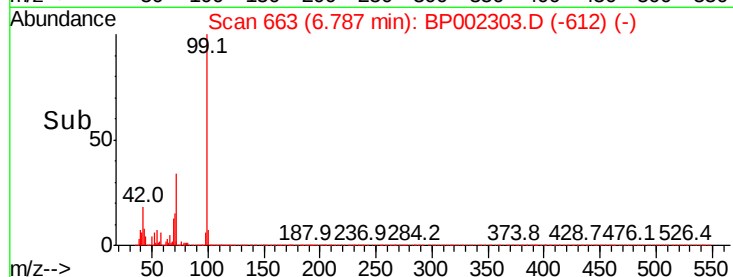
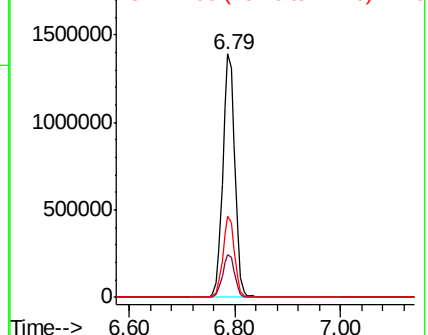


Abundance

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

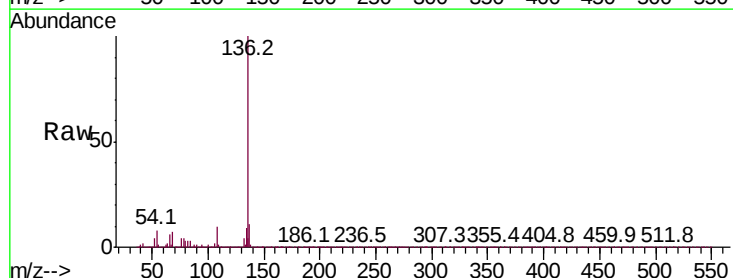
Delta R.T. -0.00 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

Tgt Ion: 136 Resp: 1232747

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	6.9	10.3
68	6.8	5.6	8.4



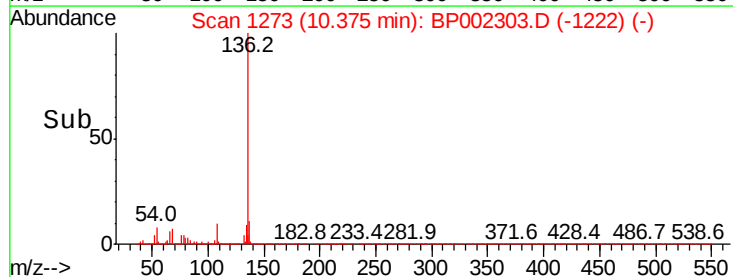
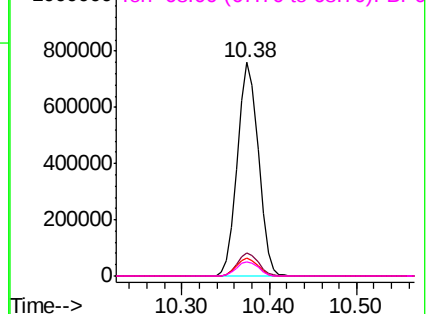
Abundance

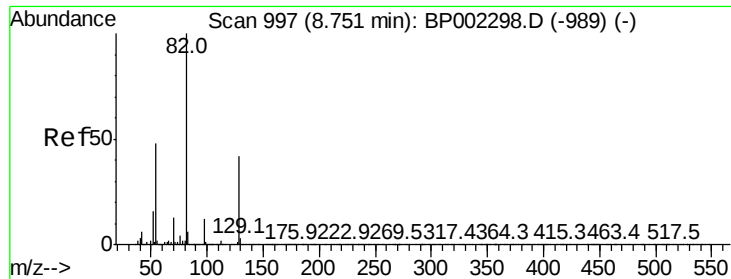
Ion 136.00 (135.70 to 136.70): E

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

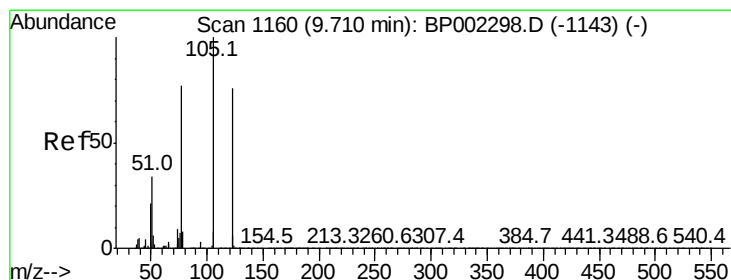
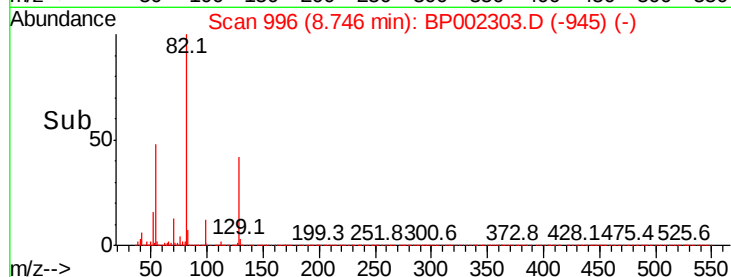
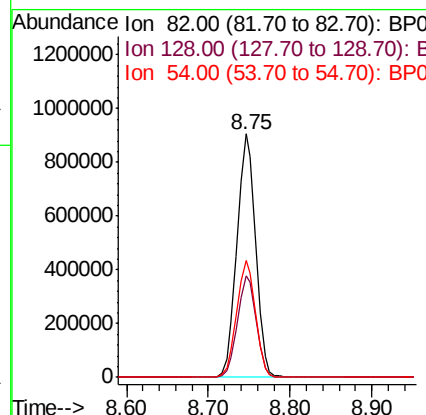
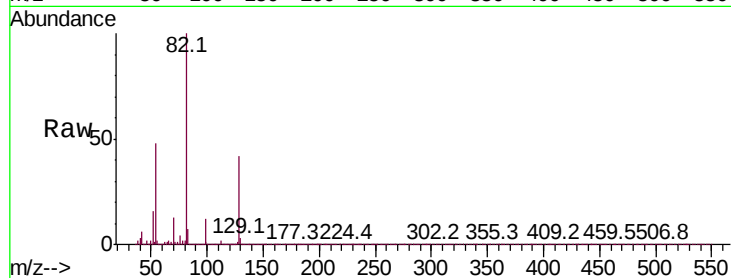




#23
 Nitrobenzene-d5
 Concen: 70.806 ng
 RT: 8.75 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BP002303.D
 Acq: 28 May 2020 11:25

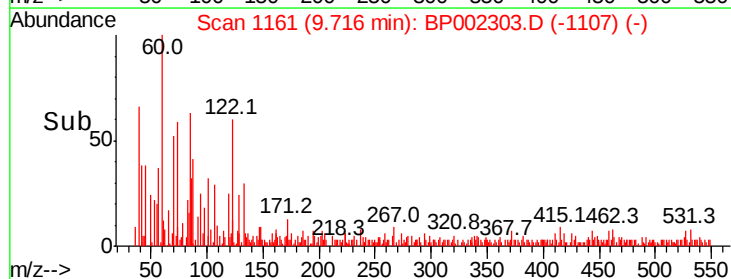
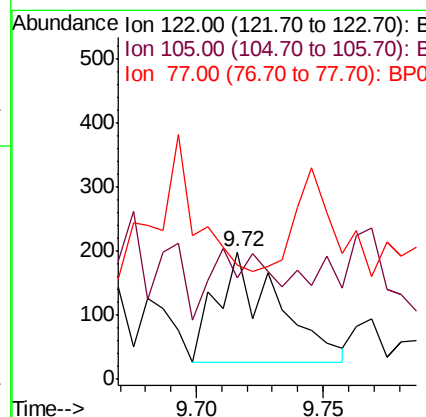
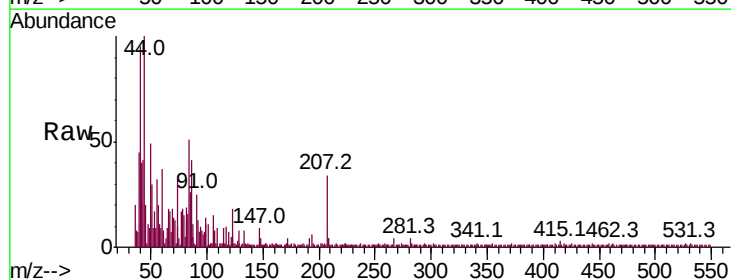
Instrument :
 BNA_P
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 NM55-COMP-2020-0-6

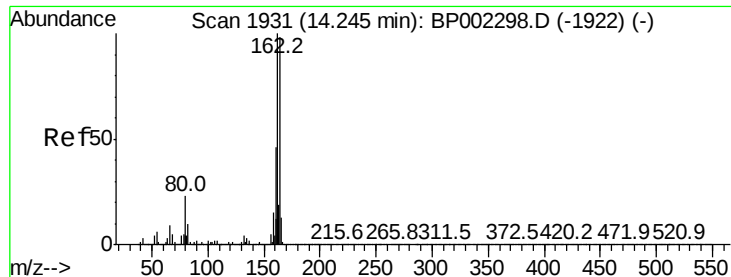
Tot Ion: 82 Resp: 1451806
 Ion Ratio Lower Upper
 82 100
 128 41.8 33.4 50.0
 54 48.1 38.3 57.5



#32
 Benzoic acid
 Concen: 4.831 ng
 RT: 9.72 min Scan# 1161
 Delta R.T. 0.02 min
 Lab File: BP002303.D
 Acq: 28 May 2020 11:25

Tgt Ion: 122 Resp: 285
 Ion Ratio Lower Upper
 122 100
 105 79.8 102.7 142.7#
 77 89.9 74.8 114.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

Instrument :

BNA_P

ClientSampleId :

NM55-COMP-2020-0-6

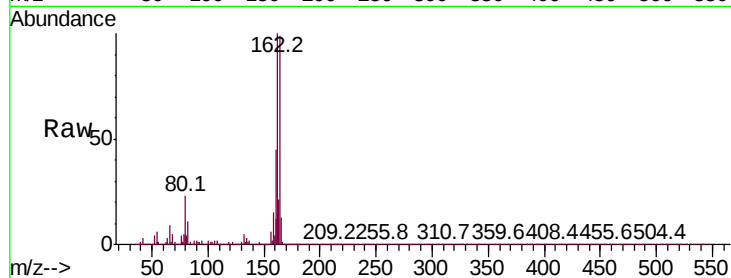
Tot Ion:164 Resp: 718417

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

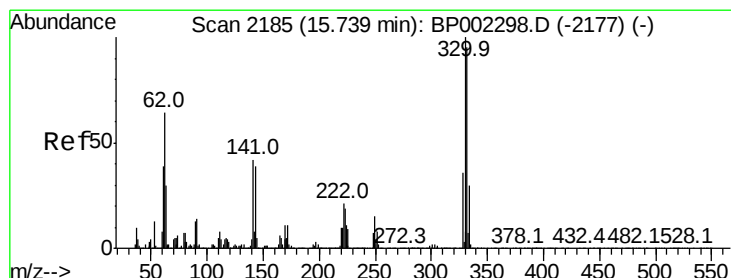
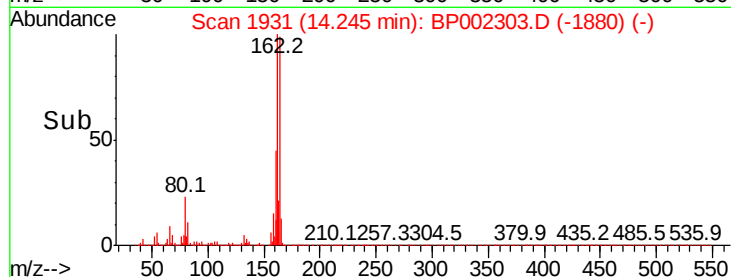
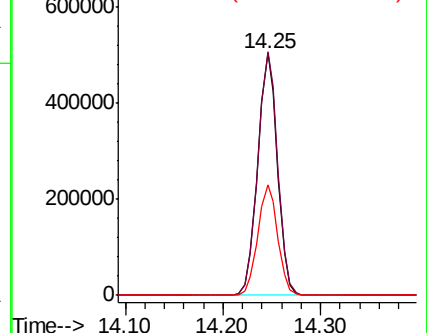
160 45.7 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 99.360 ng

RT: 15.74 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

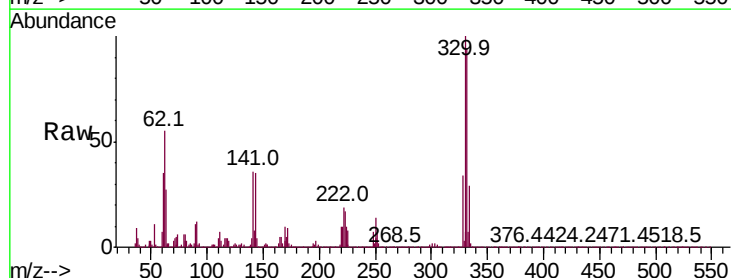
Tgt Ion:330 Resp: 676529

Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

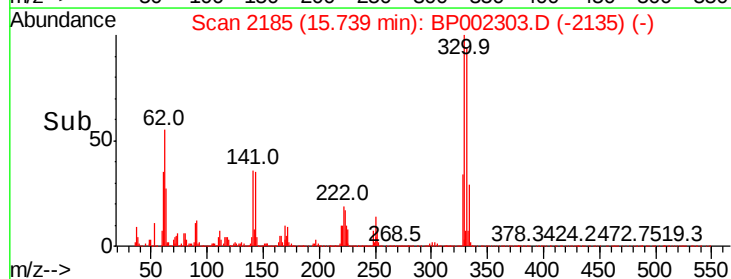
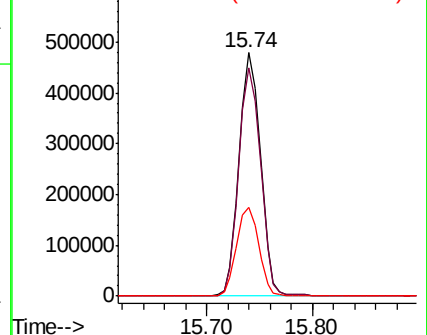
141 37.8 31.4 47.2

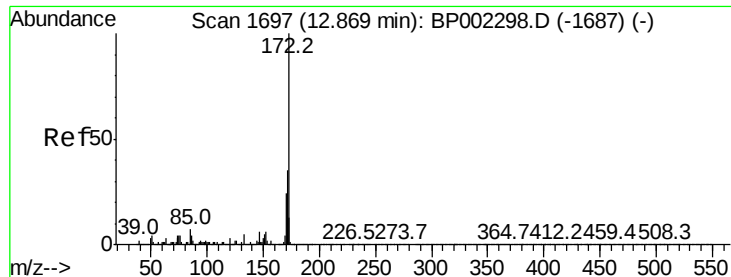


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

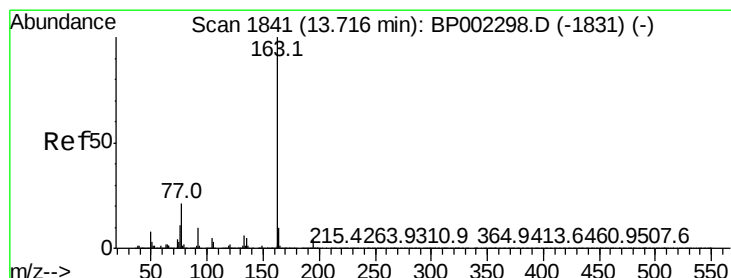
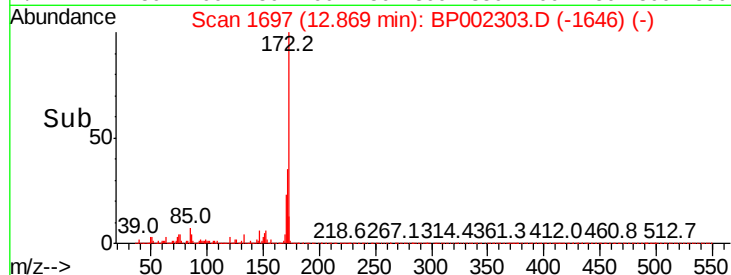
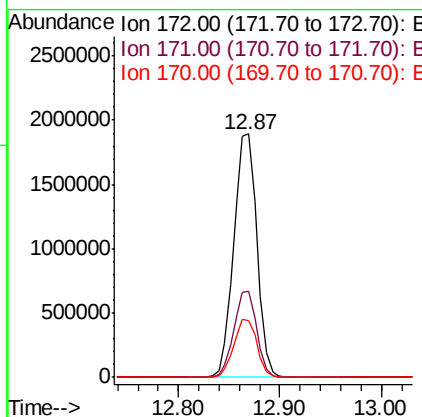
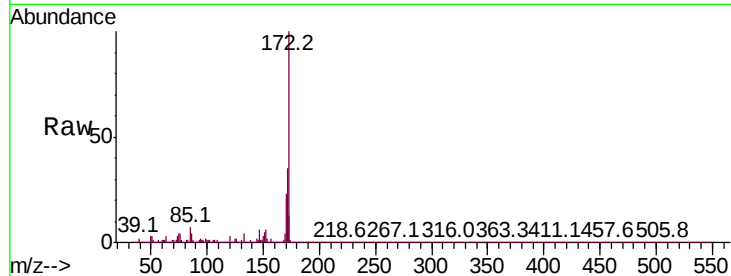




#45
2-Fluorobiphenyl
Concen: 73.501 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002303.D
Acq: 28 May 2020 11:25

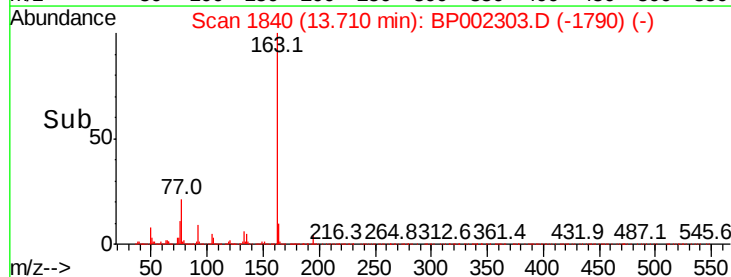
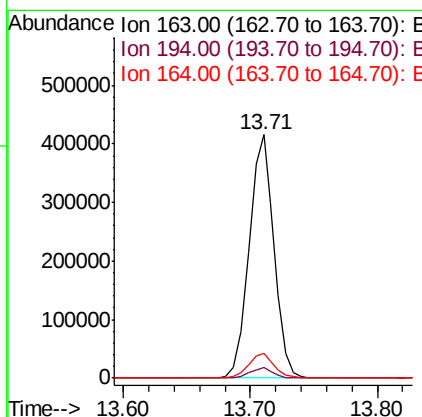
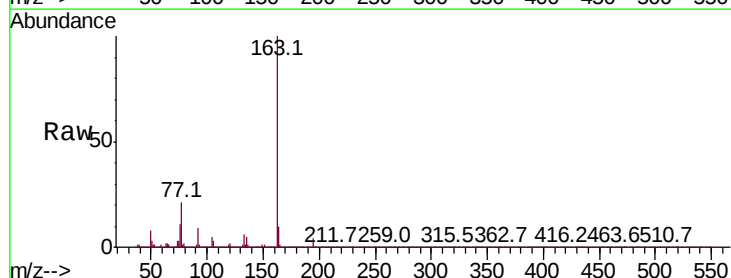
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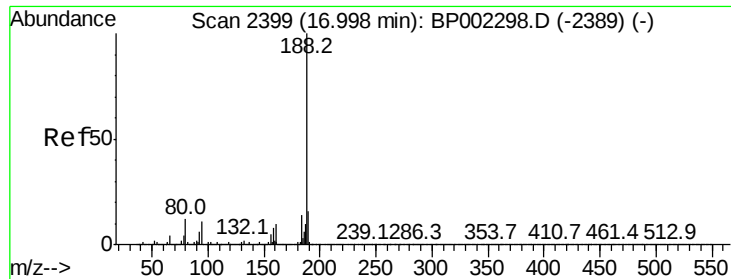
Tot Ion:172 Resp: 2992519
Ion Ratio Lower Upper
172 100
171 35.4 27.6 41.4
170 23.5 18.9 28.3



#50
Dimethylphthalate
Concen: 11.611 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002303.D
Acq: 28 May 2020 11:25

Tgt Ion:163 Resp: 564607
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

Instrument :

BNA_P

ClientSampleId :

NM55-COMP-2020-0-6

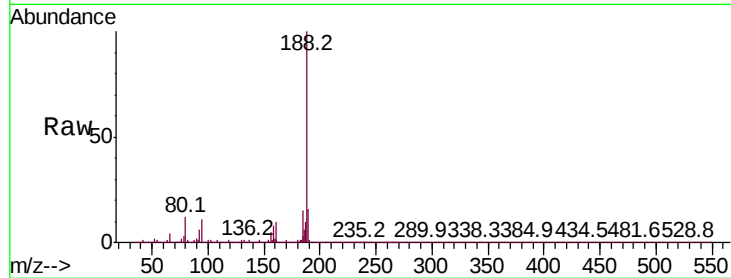
Tot Ion:188 Resp: 1491480

Ion Ratio Lower Upper

188 100

94 11.0 8.7 13.1

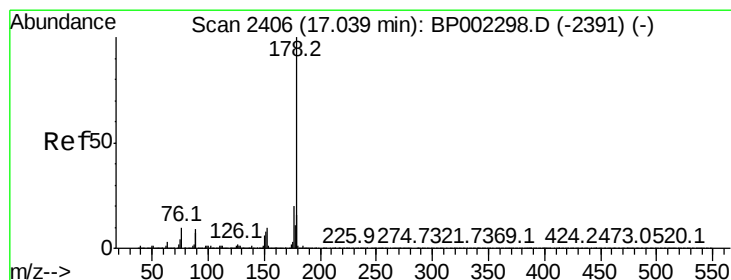
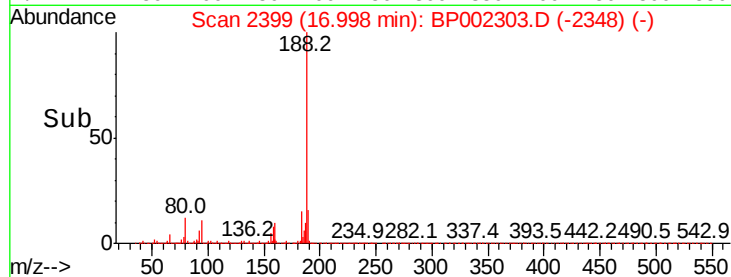
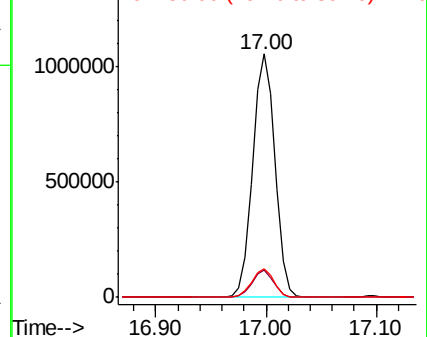
80 11.7 9.3 13.9



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: 3.013 ng

RT: 17.04 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

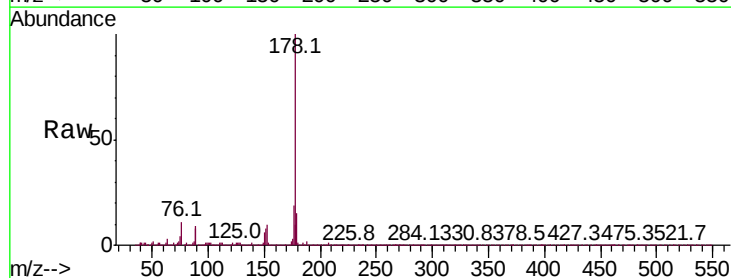
Tgt Ion:178 Resp: 212850

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

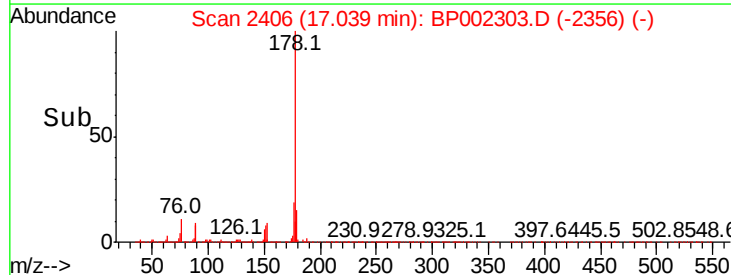
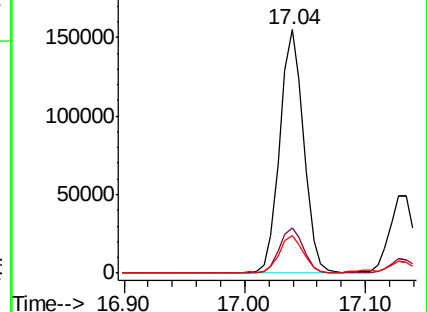
179 15.5 12.6 18.8

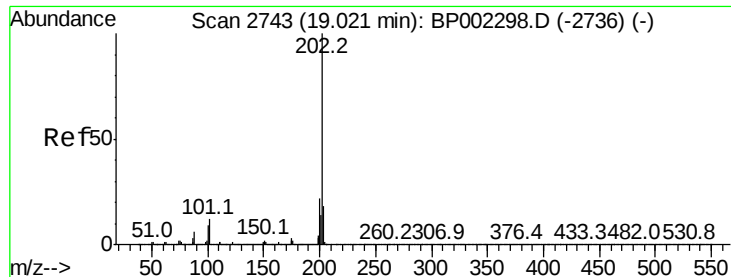


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 7.132 ng

RT: 19.02 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

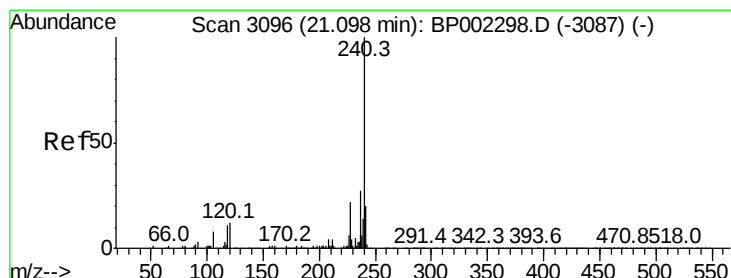
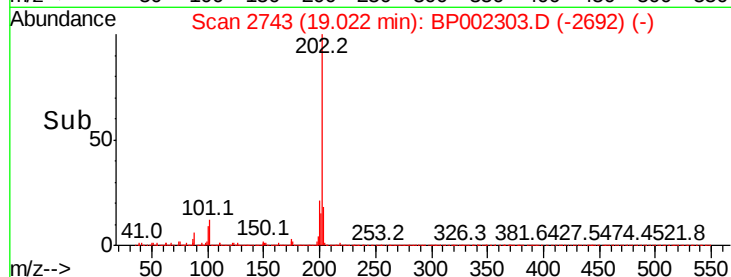
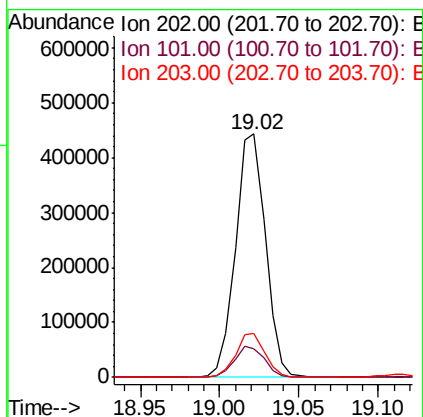
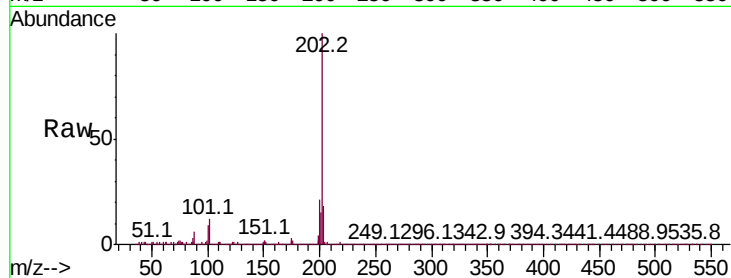
Instrument :

BNA_P

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NM55-COMP-2020-0-6

Tot Ion:	202	Resp:	580316
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.1
203	18.2	0.0	37.6



#76

Chrysene-d12

Concen: 20.000 ng

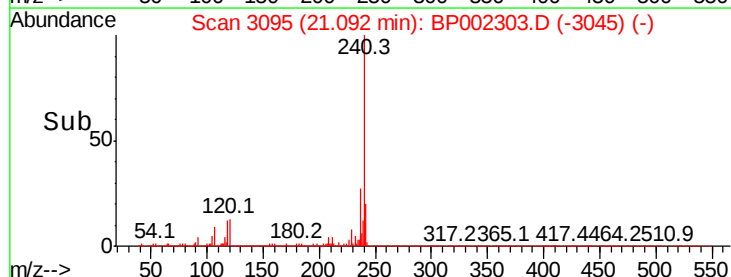
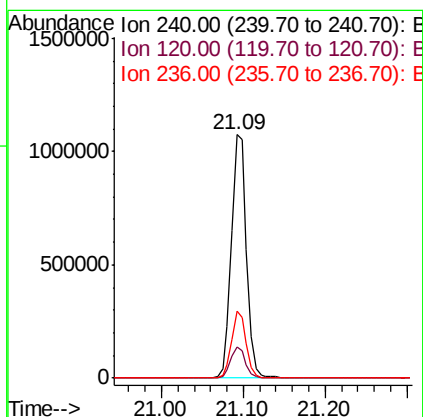
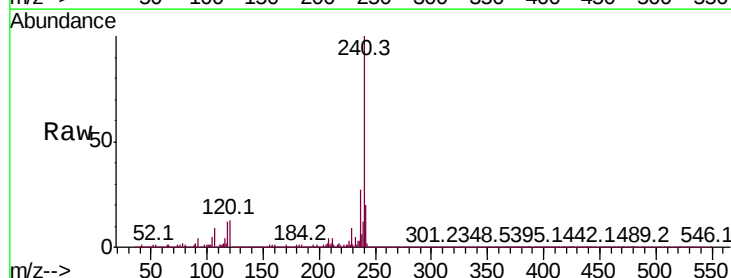
RT: 21.09 min Scan# 3095

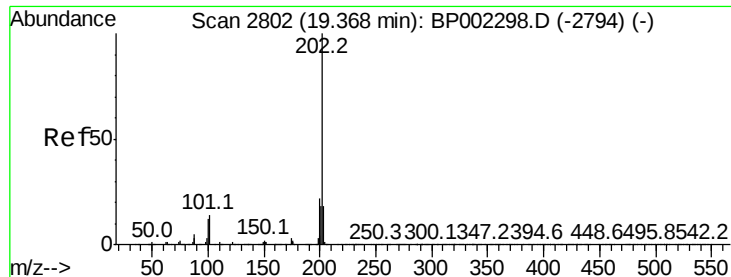
Delta R.T. -0.01 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

Tgt Ion:	240	Resp:	1377312
Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.7	13.1
236	27.3	21.0	31.4

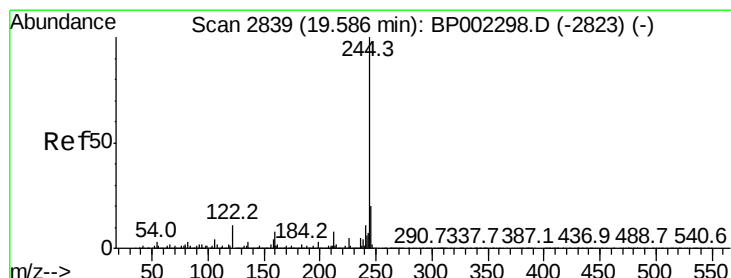
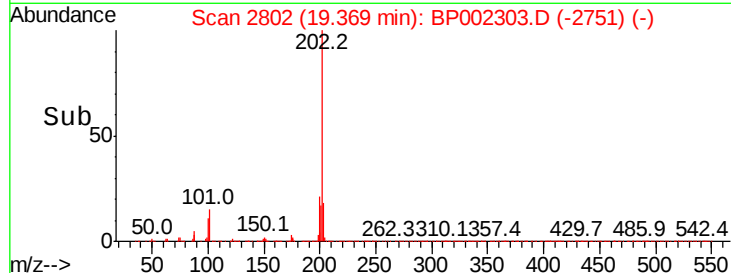
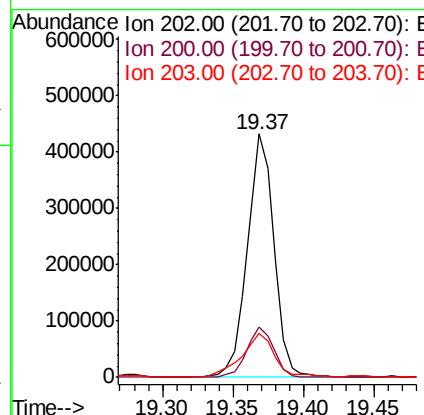
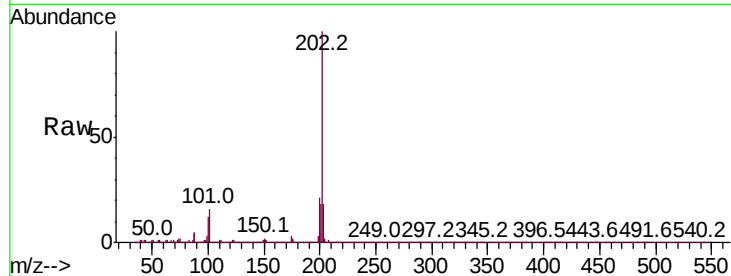




#78
Pvrene
Concen: 6.650 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BP002303.D
Acq: 28 May 2020 11:25

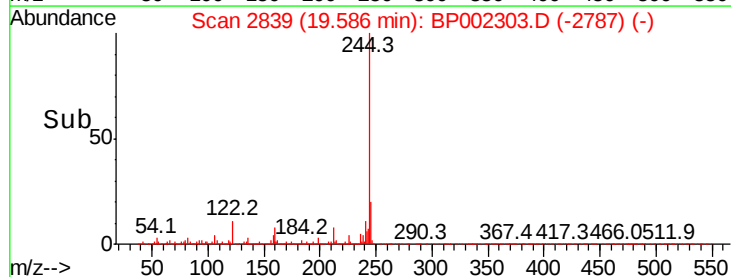
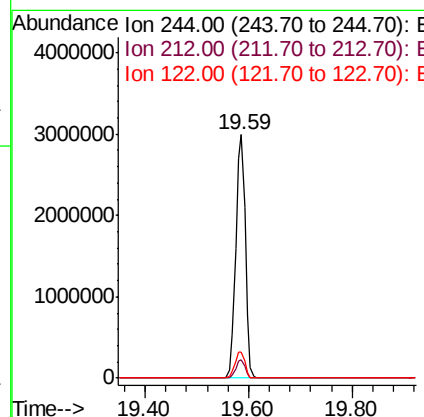
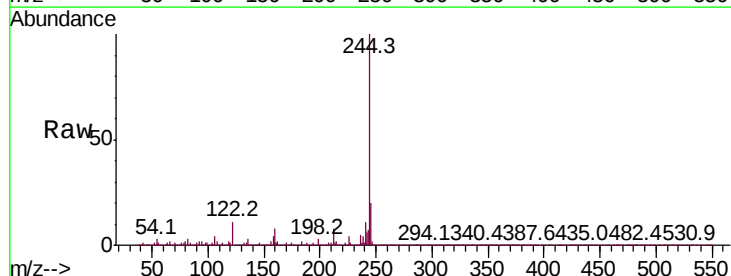
Instrument :
BNA_P
ClientSampleId :
NM55-COMP-2020-0-6

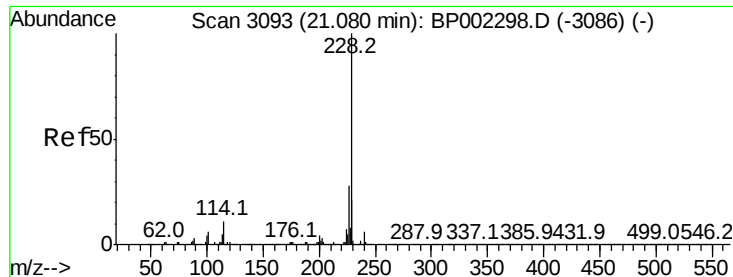
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.3	25.9
203	18.2	13.8	20.6



#79
Terphenyl-d14
Concen: 68.577 ng
RT: 19.59 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BP002303.D
Acq: 28 May 2020 11:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	10.9	9.4	14.0

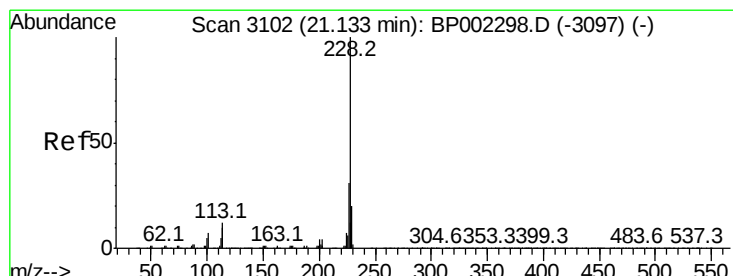
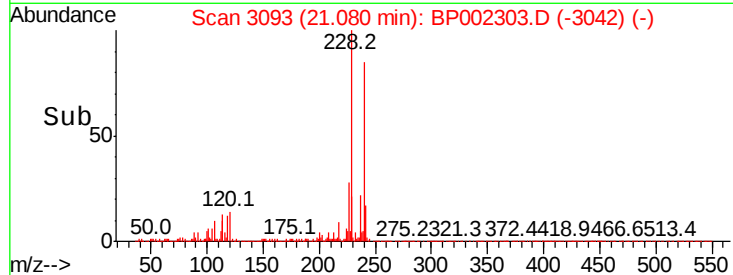
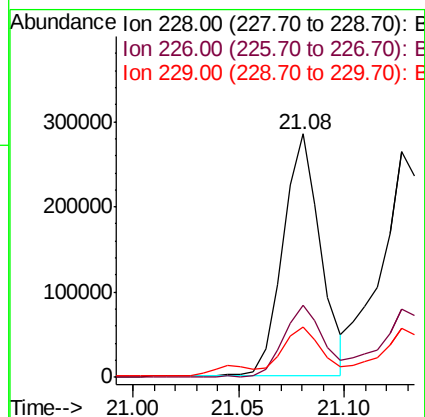
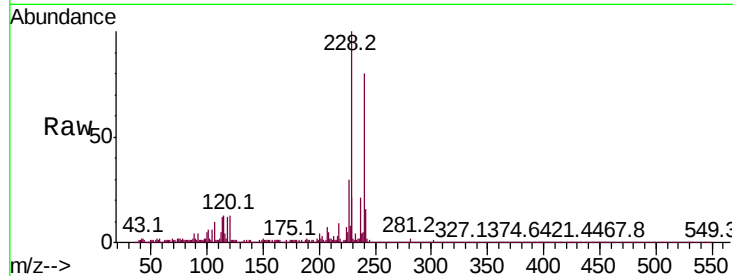




#81
Benzo(a)anthracene
Concen: 4.468 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BP002303.D
Acq: 28 May 2020 11:25

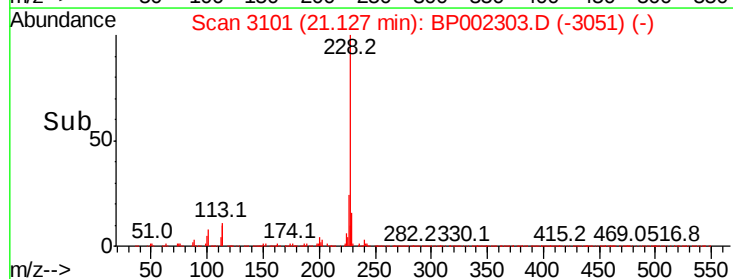
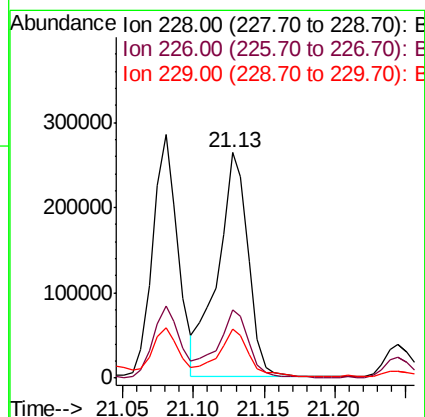
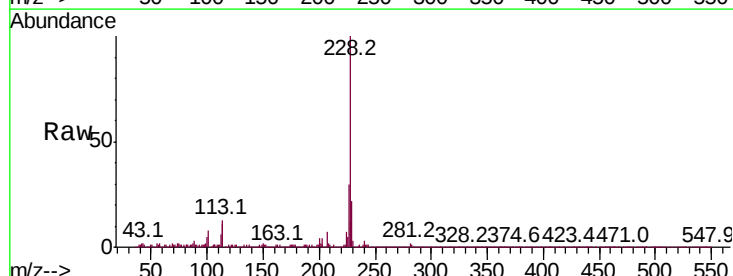
Instrument :
BNA_P
ClientSampleId :
NM55-COMP-2020-0-6

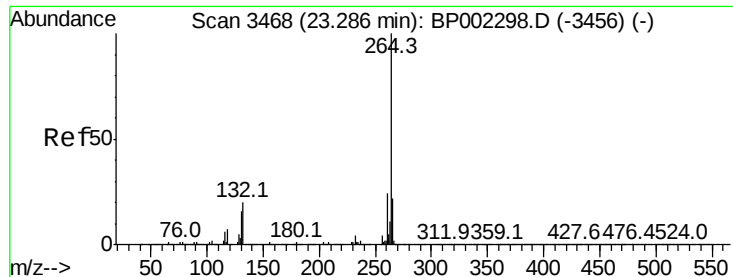
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	20.7	16.3	24.5



#83
Chrysene
Concen: 5.217 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BP002303.D
Acq: 28 May 2020 11:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.8	16.2	24.4



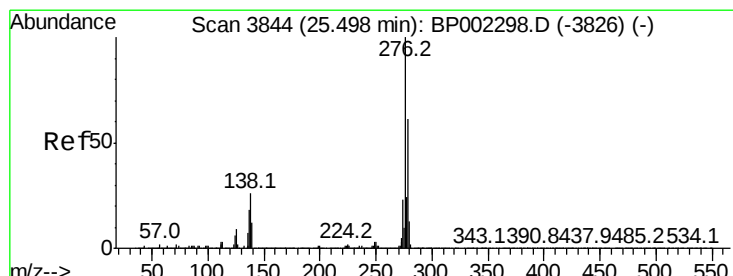
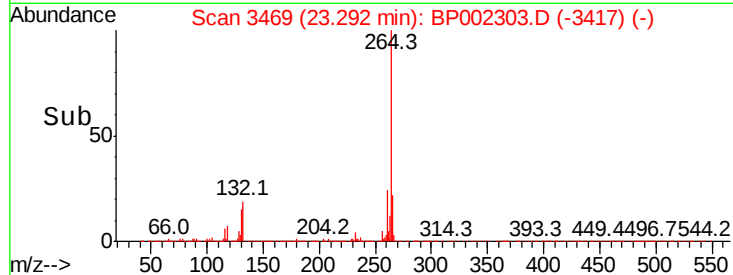
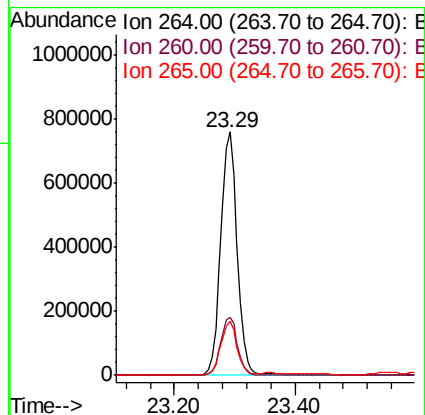
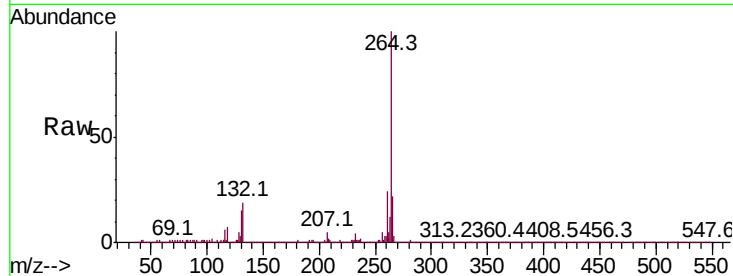


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3469
 Delta R.T. 0.01 min
 Lab File: BP002303.D
 Acq: 28 May 2020 11:25

Instrument :
 BNA_P
 ClientSampleId :
 NM55-COMP-2020-0-6

Tot Ion:264 Resp: 1419622

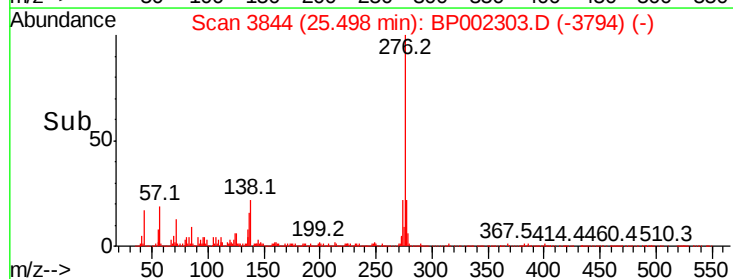
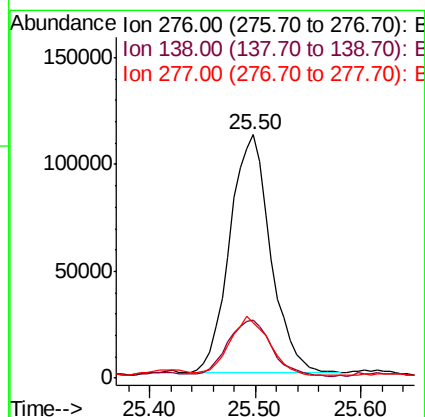
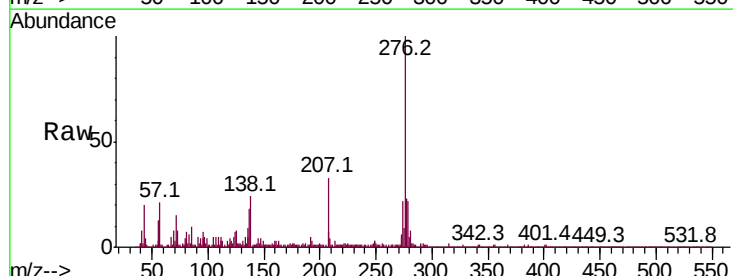
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.5	17.8	26.6

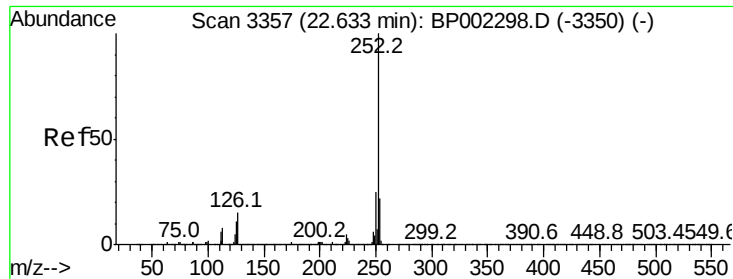


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.392 ng
 RT: 25.50 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BP002303.D
 Acq: 28 May 2020 11:25

Tgt Ion:276 Resp: 298022

Ion	Ratio	Lower	Upper
276	100		
138	25.8	18.2	27.4
277	24.4	20.2	30.2





#88

Benzo(b)fluoranthene

Concen: 11.741 ng

RT: 22.64 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

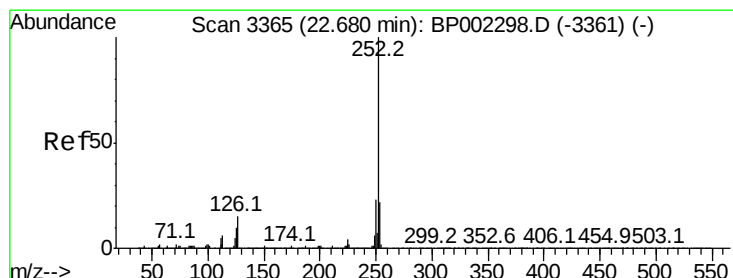
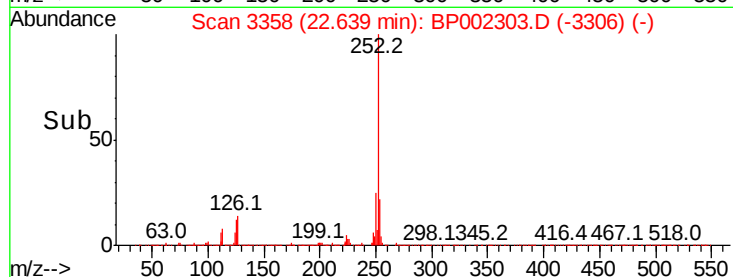
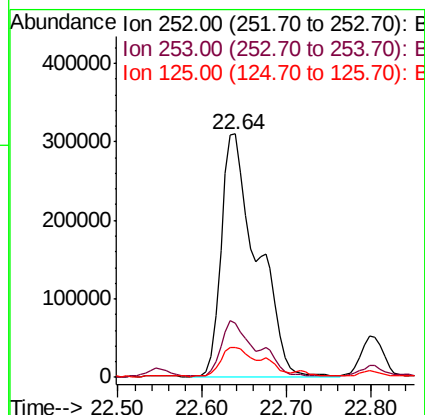
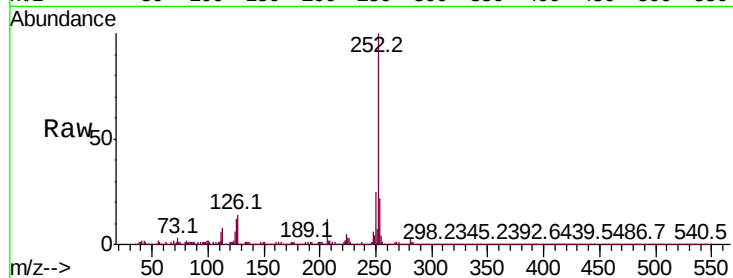
Instrument :

BNA_P

ClientSampleId :

NM55-COMP-2020-0-6

Tot Ion:252	Resp:	908742
Ion Ratio	Lower	Upper
252	100	
253	22.2	18.2 27.2
125	12.3	7.2 10.8#



#89

Benzo(k)fluoranthene

Concen: 12.235 ng

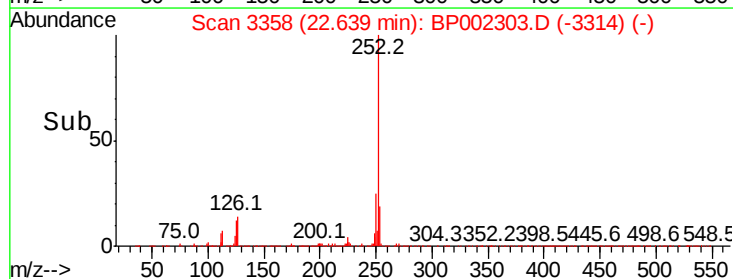
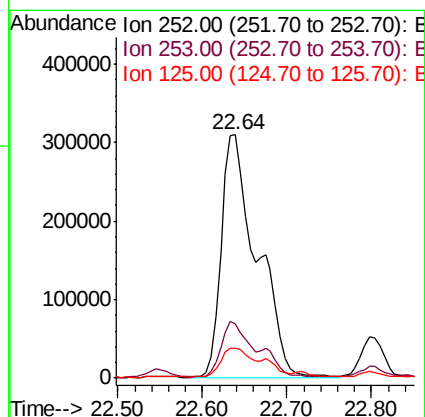
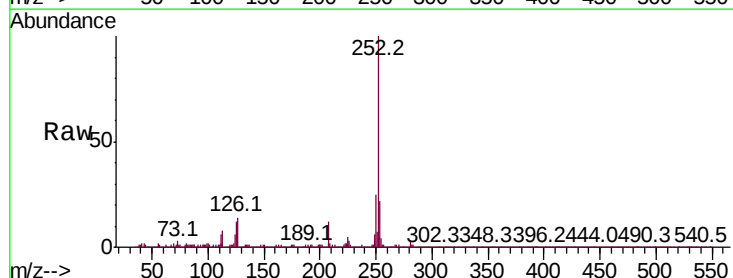
RT: 22.64 min Scan# 3358

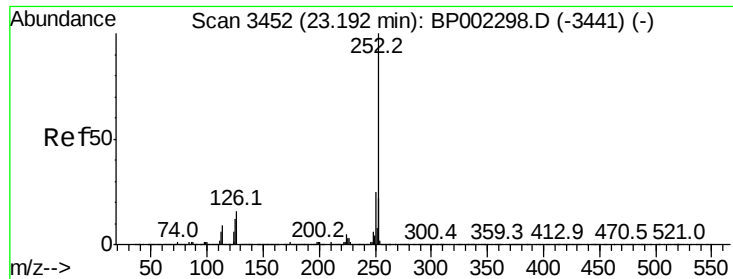
Delta R.T. -0.04 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

Tgt Ion:252	Resp:	908742
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.9 26.9
125	12.3	7.4 11.2#





#90

Benzo(a)pyrene

Concen: 6.470 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

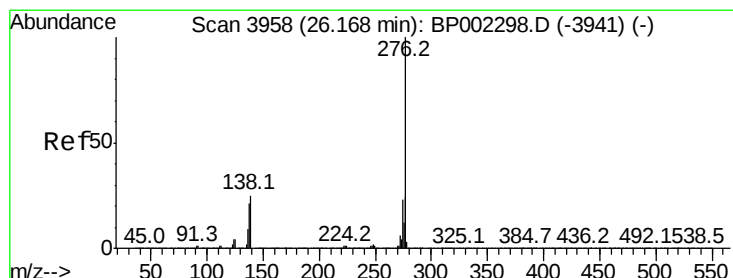
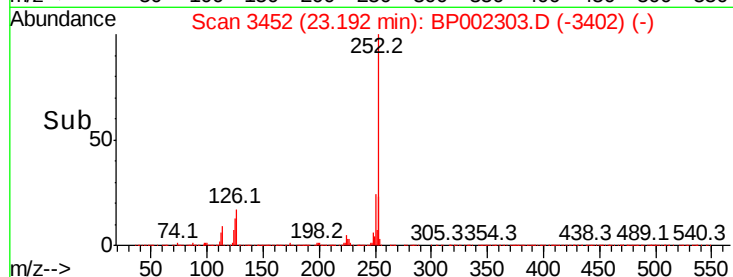
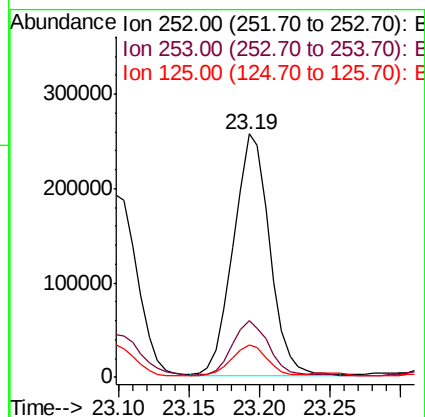
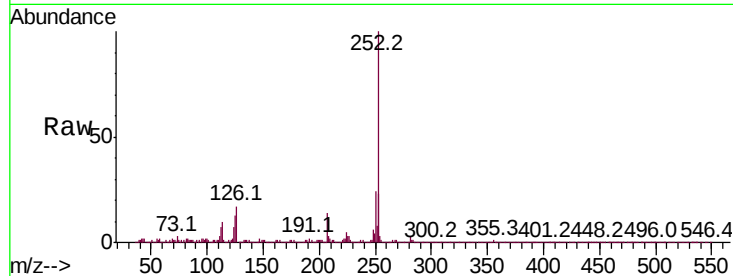
Instrument :

BNA_P

ClientSampleId :

NM55-COMP-2020-0-6

Tot Ion:	252	Resp:	464535
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	13.3	8.4	12.6#



#92

Benzo(g,h,i)perylene

Concen: 3.975 ng

RT: 26.17 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BP002303.D

Acq: 28 May 2020 11:25

Tgt Ion:	276	Resp:	290492
Ion Ratio	Lower	Upper	
276	100		
277	21.5	18.6	28.0
138	25.3	16.0	24.0#

