

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002337.D
 Acq On : 01 Jun 2020 14:02
 Operator : CG/JU
 Sample : L2773-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 NM33-COMP-2020-0-6

Quant Time: Jun 02 06:52:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	407509	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1670267	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	988350	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	2053252	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1821924	20.00	ng	0.00
86) Perylene-d12	23.33	264	1904914	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2334785	107.61	ng	0.00
7) Phenol-d6	6.80	99	3203591	108.54	ng	0.00
23) Nitrobenzene-d5	8.75	82	2190808	78.86	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	1076885	114.96	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4290615	76.60	ng	0.00
79) Terphenyl-d14	19.60	244	5237471	69.62	ng	0.00

Target Compounds

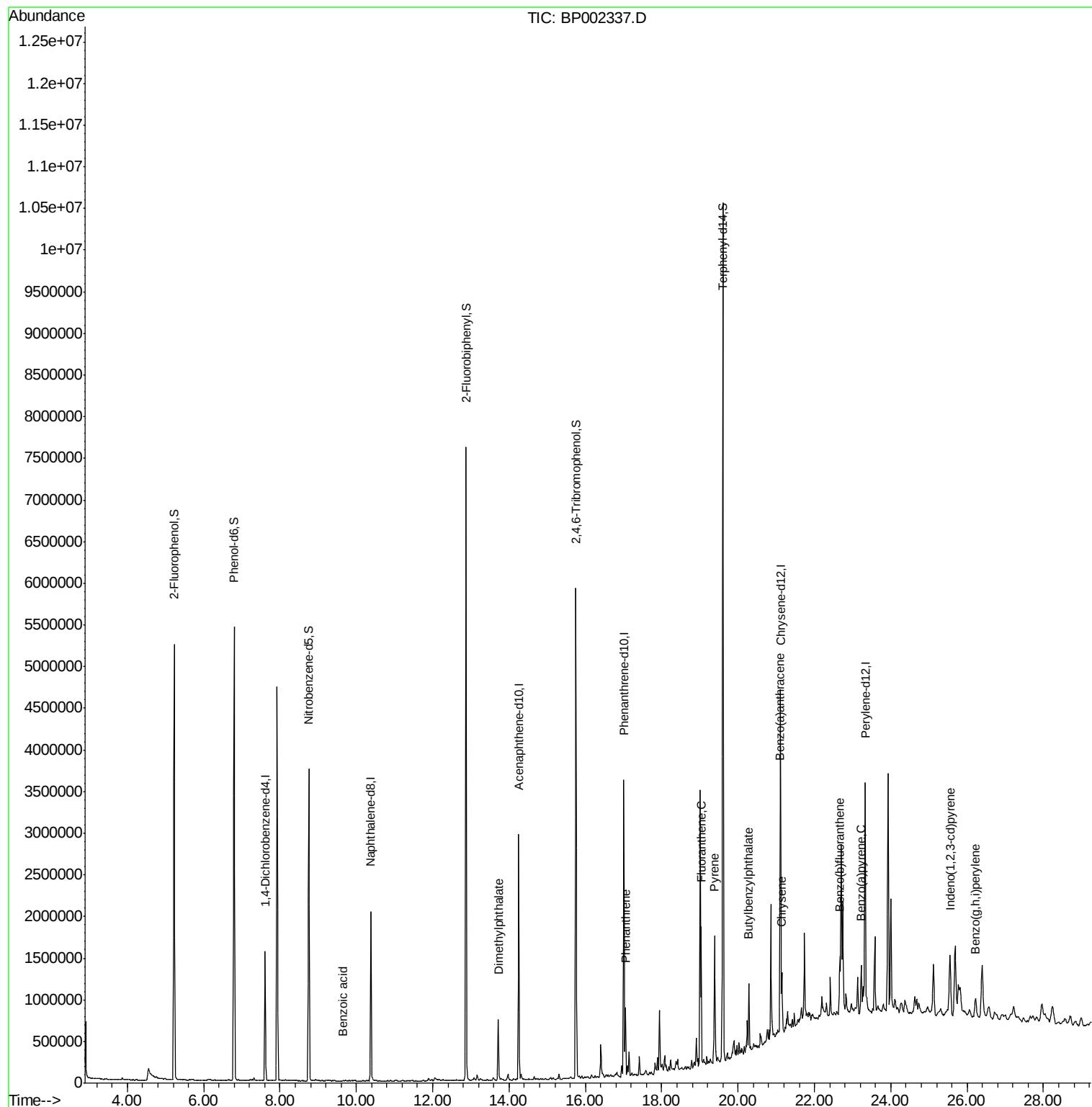
						Qvalue
32) Benzoic acid	9.65	122	1948	4.916	ng	92
50) Dimethylphthalate	13.72	163	462871	6.919	ng	100
71) Phenanthrene	17.05	178	458213	4.711	ng	99
75) Fluoranthene	19.03	202	919417	8.208	ng	99
78) Pyrene	19.39	202	868406	7.654	ng	99
80) Butylbenzylphthalate	20.28	149	211363	4.679	ng	92
81) Benzo(a)anthracene	21.10	228	439826	4.217	ng	95
83) Chrysene	21.15	228	398486	3.981	ng	98
87) Indeno(1,2,3-cd)pyrene	25.54	276	281653	2.389	ng	97
88) Benzo(b)fluoranthene	22.66	252	569795	5.486	ng	# 96
90) Benzo(a)pyrene	23.23	252	416057	4.319	ng	# 97
92) Benzo(a,h,i)perylene	26.22	276	294652	3.005	ng	# 94

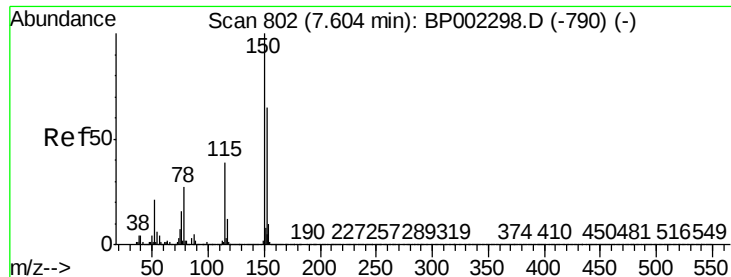
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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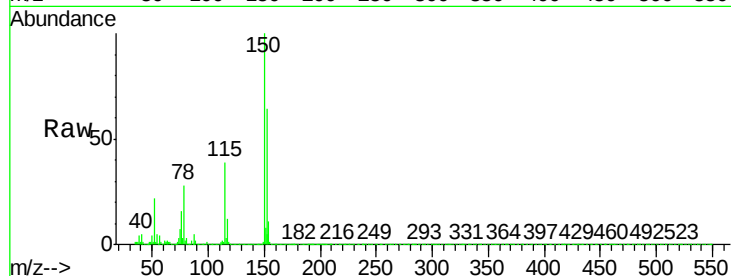


#1

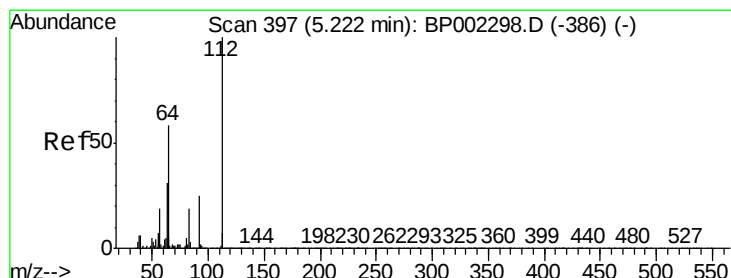
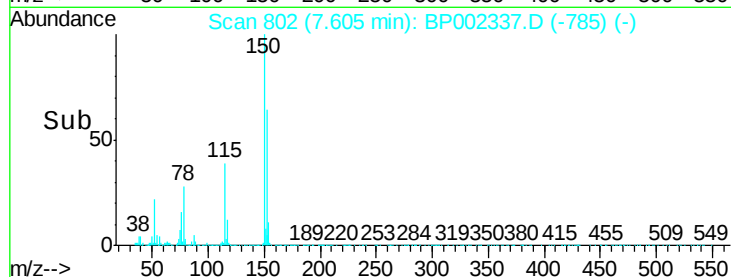
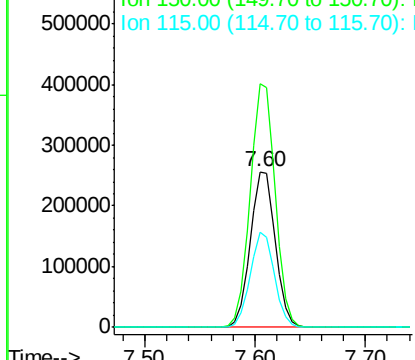
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

Tot Ion:152 Resp: 407509
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 61.1 49.4 74.2



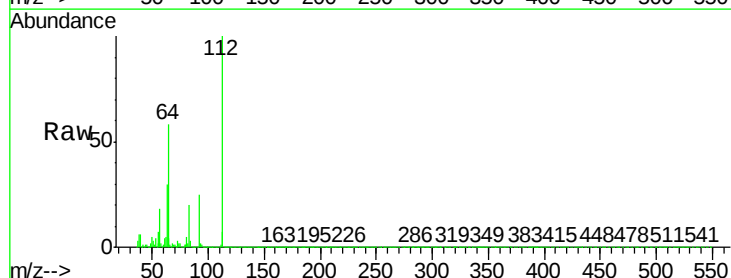
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



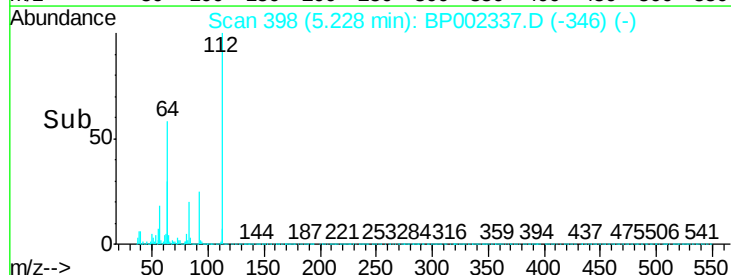
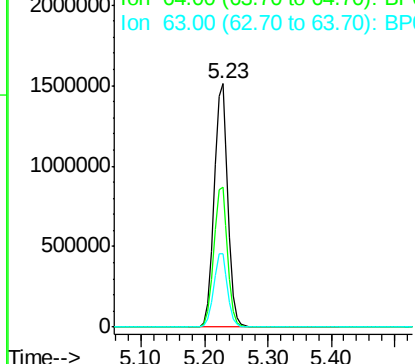
#5

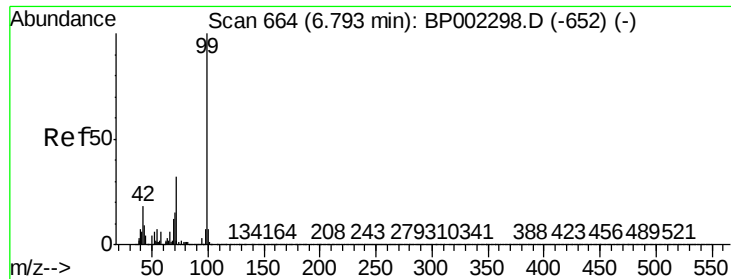
2-Fluorophenol
Concen: 107.606 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:112 Resp: 2334785
Ion Ratio Lower Upper
112 100
64 57.7 47.0 70.4
63 30.4 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 108.538 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

Instrument :

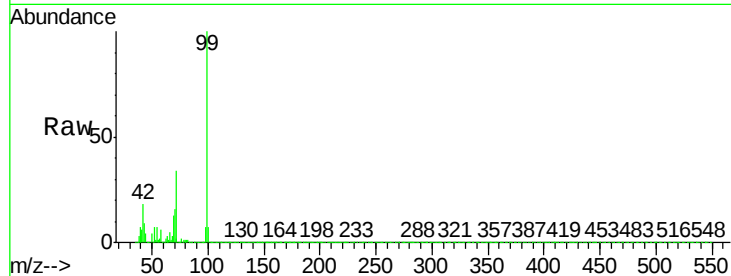
BNA_P

ClientSampleId :

NM33-COMP-2020-0-6

Tot Ion: 99 Resp: 3203591

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.9	20.9
71	34.1	25.8	38.8



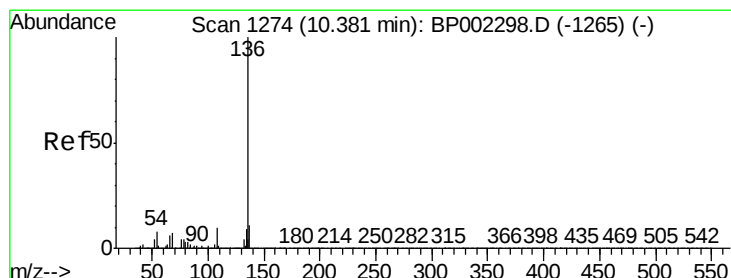
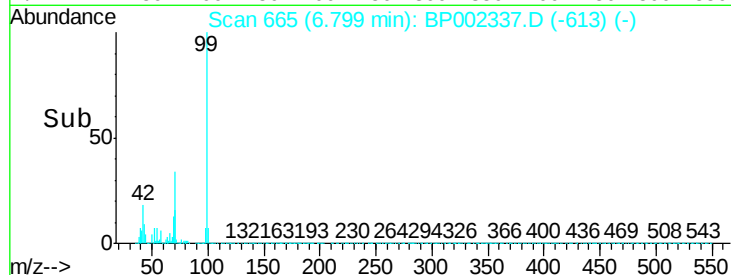
Abundance

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

Time--> 6.60 6.70 6.80 6.90 7.00



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

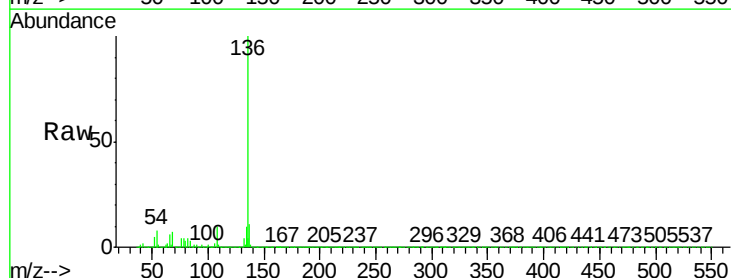
Delta R.T. -0.00 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

Tgt Ion: 136 Resp: 1670267

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.9	10.3
68	7.0	5.6	8.4



Abundance

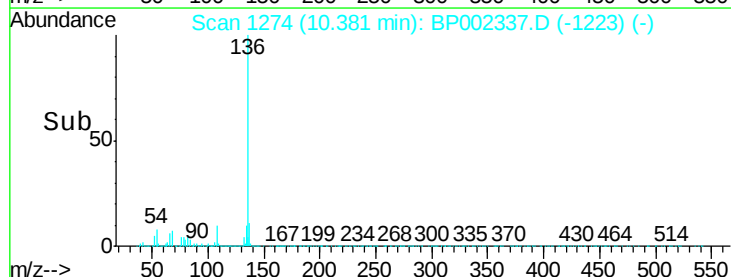
Ion 136.00 (135.70 to 136.70): E

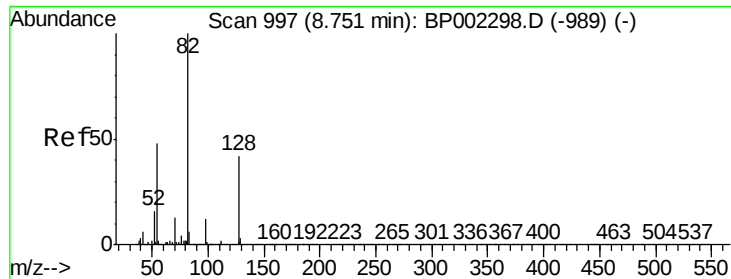
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

Time--> 10.40 10.60

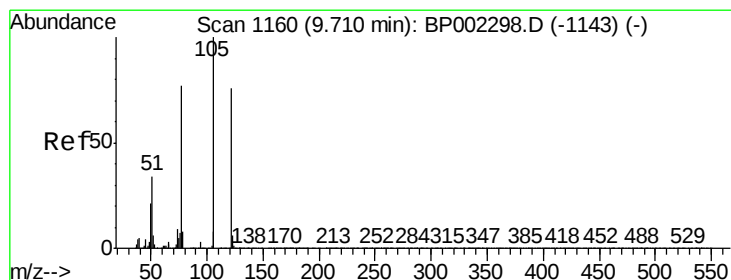
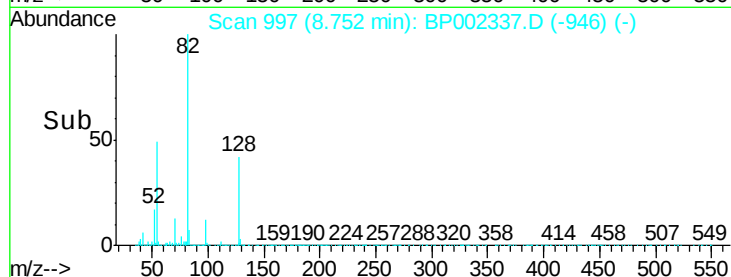
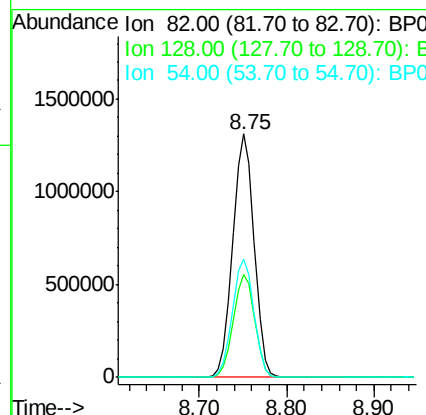
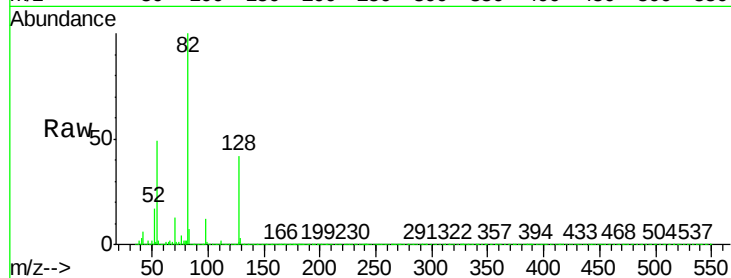




#23
 Nitrobenzene-d5
 Concen: 78.860 ng
 RT: 8.75 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BP002337.D
 Acq: 01 Jun 2020 14:02

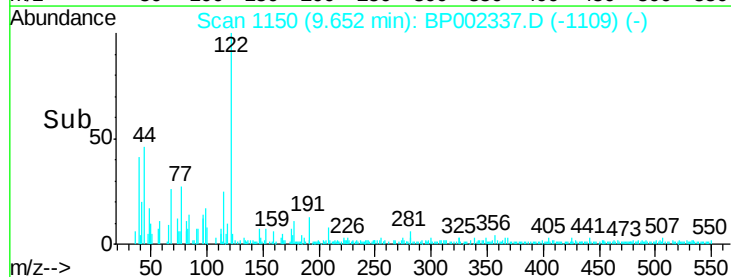
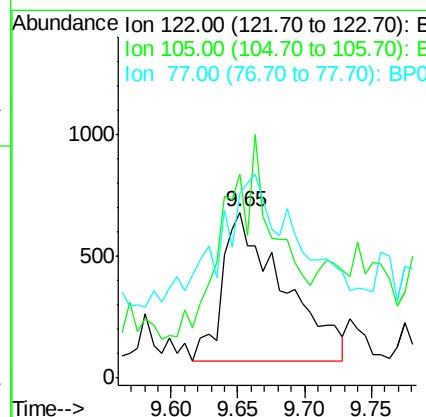
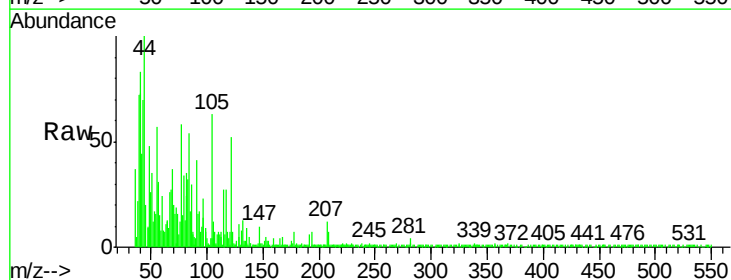
Instrument :
 BNA_P
 ClientSampleId :
 NM33-COMP-2020-0-6

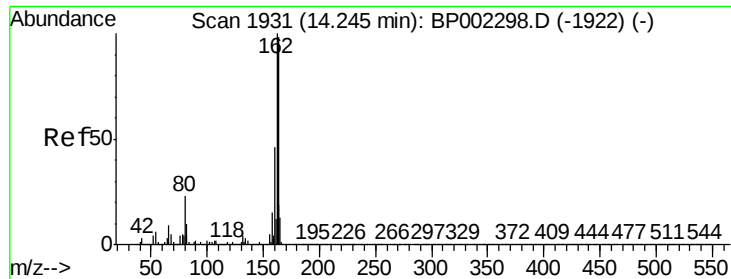
Tot Ion: 82 Resp: 2190808
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.4 50.0
 54 48.7 38.3 57.5



#32
 Benzoic acid
 Concen: 4.916 ng
 RT: 9.65 min Scan# 1150
 Delta R.T. -0.06 min
 Lab File: BP002337.D
 Acq: 01 Jun 2020 14:02

Tgt Ion: 122 Resp: 1948
 Ion Ratio Lower Upper
 122 100
 105 122.4 102.7 142.7
 77 111.3 74.8 114.8

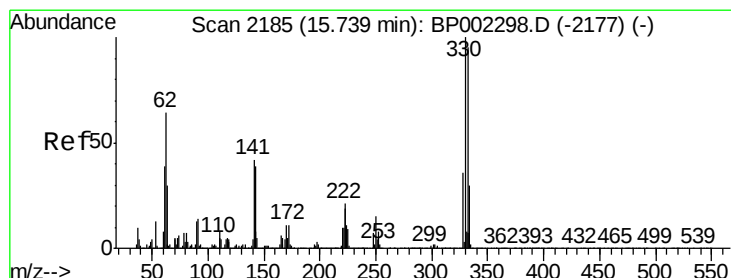
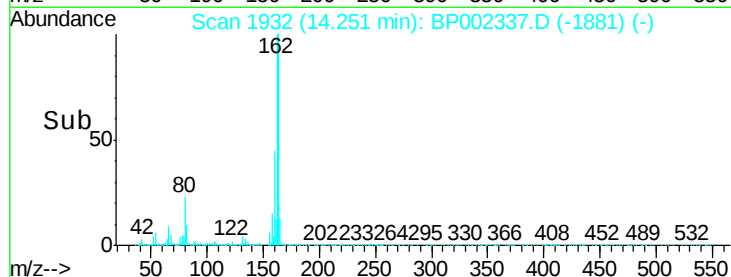
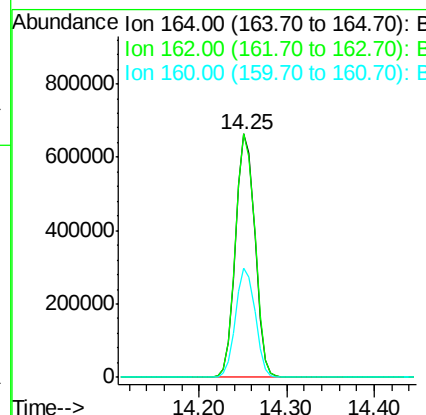
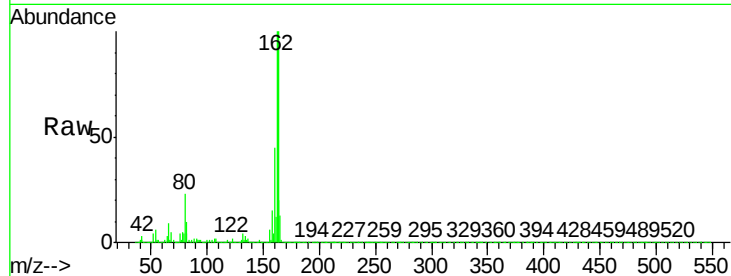




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

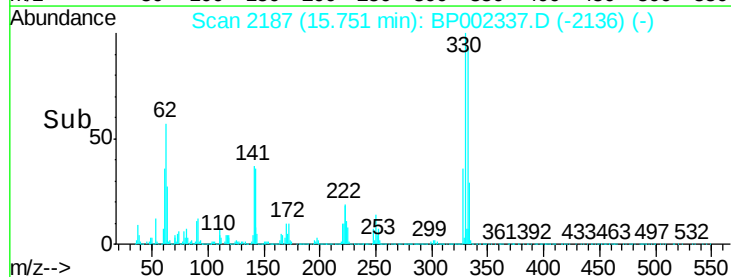
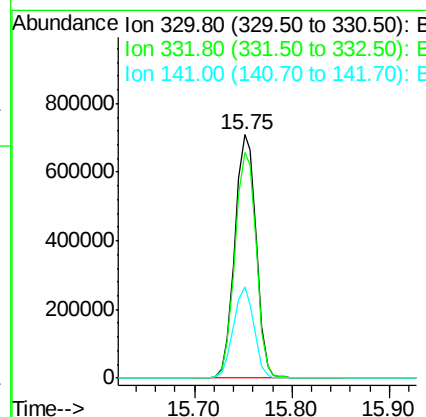
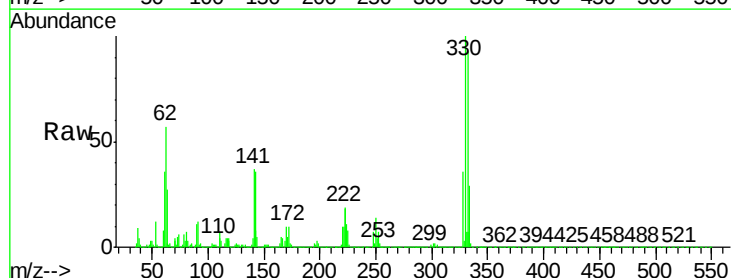
Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

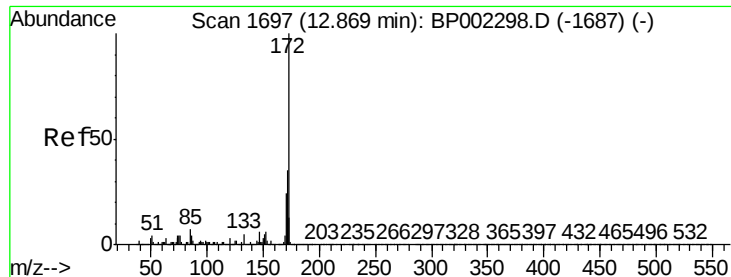
Tot Ion:164 Resp: 988350
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 114.964 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:330 Resp: 1076885
Ion Ratio Lower Upper
330 100
332 93.2 76.9 115.3
141 36.2 31.4 47.2

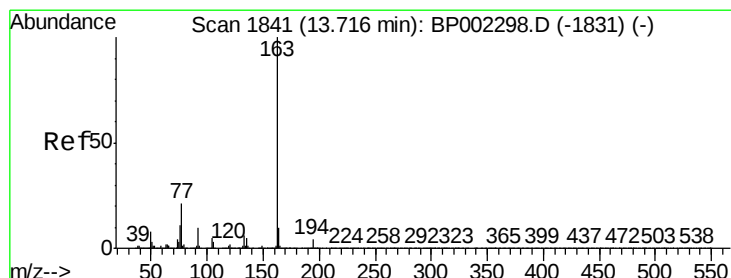
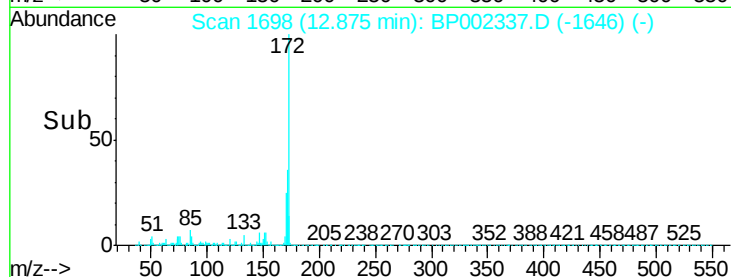
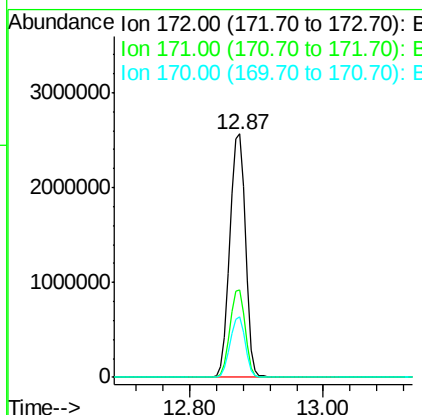
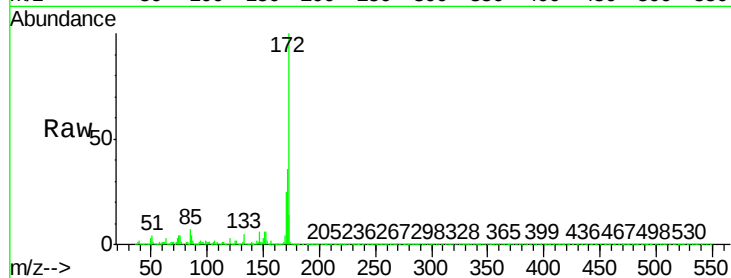




#45
2-Fluorobiphenyl
Concen: 76.602 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

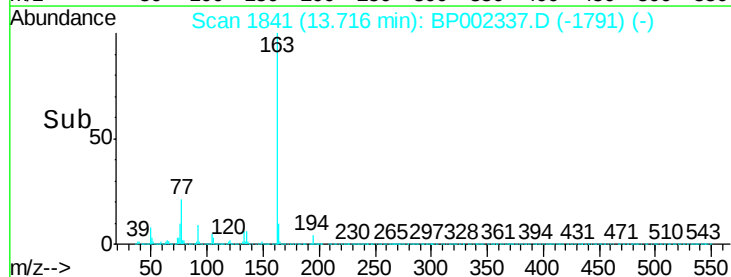
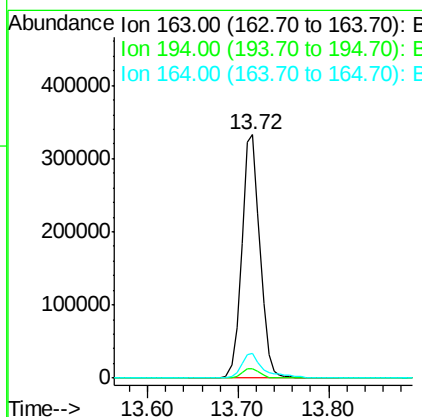
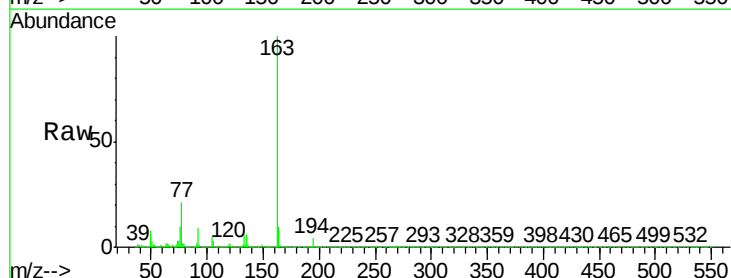
Instrument :
BNA_P
ClientSampleId :
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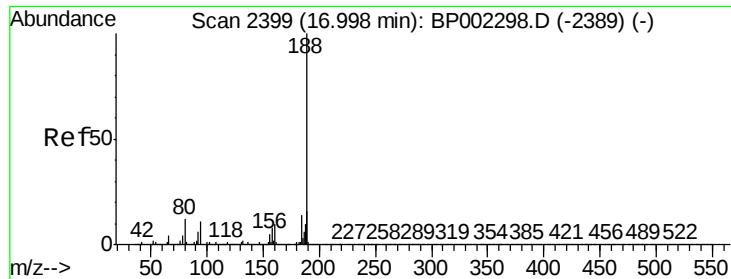
Tot Ion:172 Resp: 4290615
Ion Ratio Lower Upper
172 100
171 35.8 27.6 41.4
170 24.9 18.9 28.3



#50
Dimethylphthalate
Concen: 6.919 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:163 Resp: 462871
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

Instrument :

BNA_P

ClientSampleId :

NM33-COMP-2020-0-6

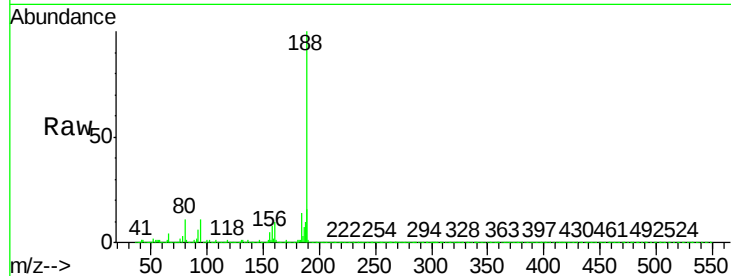
Tot Ion:188 Resp: 2053252

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

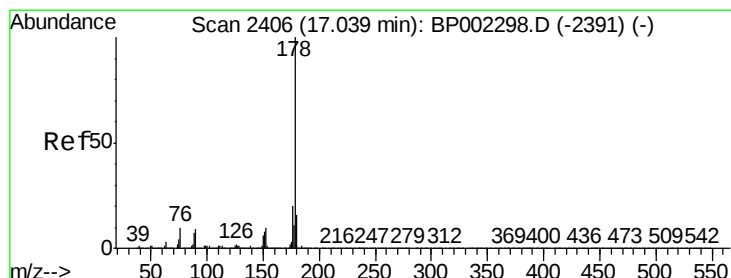
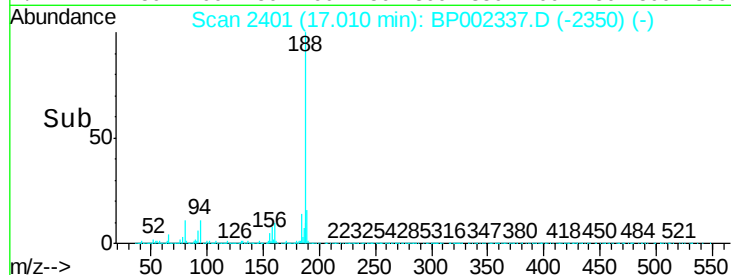
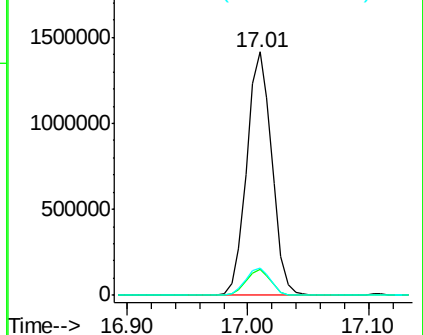
80 11.3 9.3 13.9



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: 4.711 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

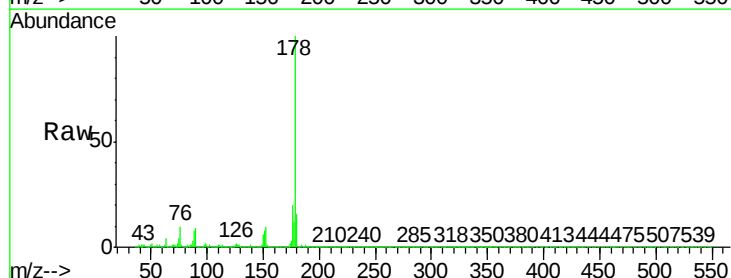
Tgt Ion:178 Resp: 458213

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

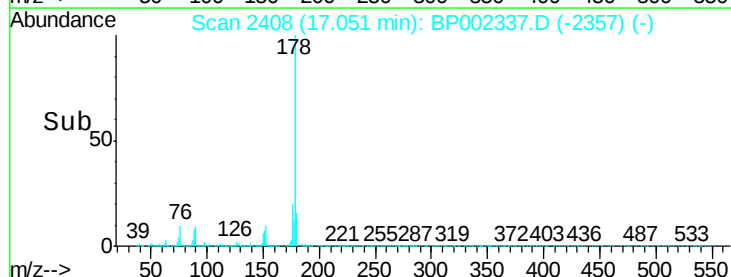
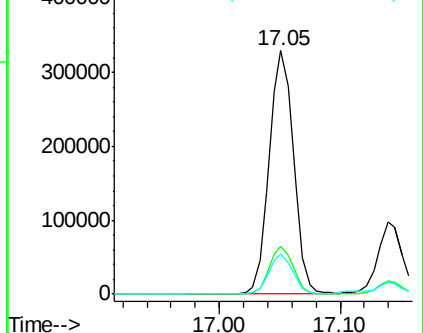
179 16.3 12.6 18.8

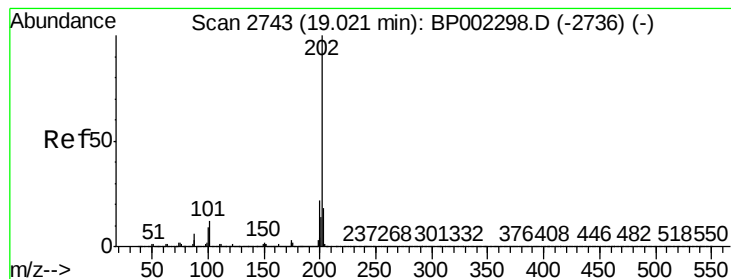


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 8.208 ng

RT: 19.03 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

Instrument :

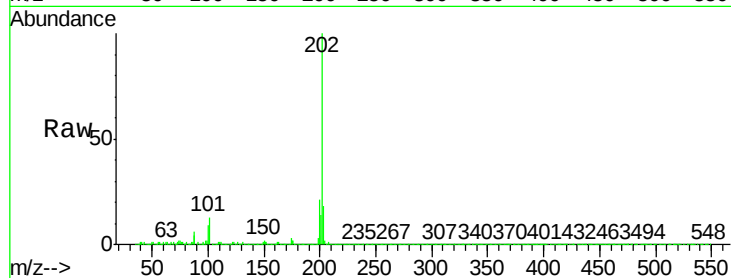
BNA_P

ClientSampleId :

NM33-COMP-2020-0-6

Tot Ion:202 Resp: 919417

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.1
203	17.9	0.0	37.6

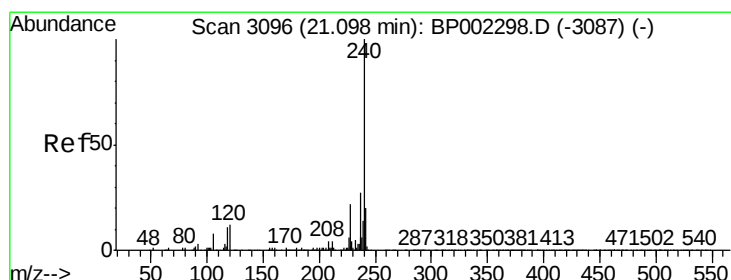
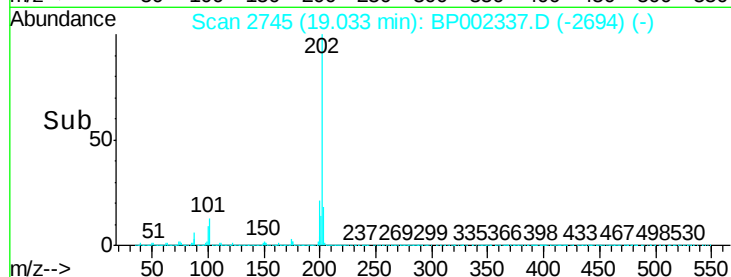
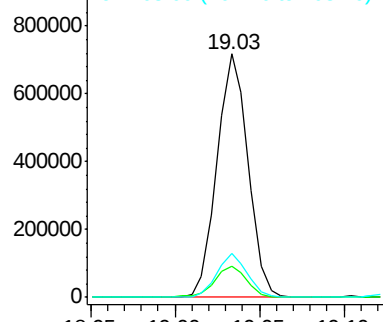


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.12 min Scan# 3099

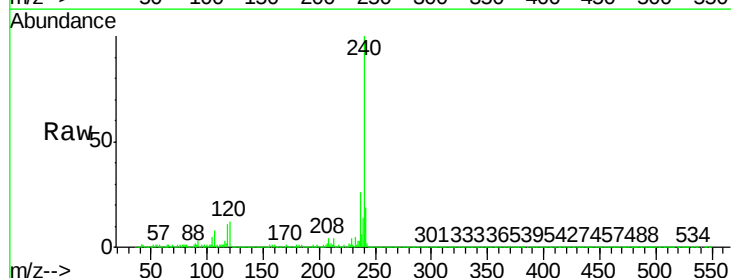
Delta R.T. 0.01 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

Tgt Ion:240 Resp: 1821924

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.7	13.1
236	26.2	21.0	31.4

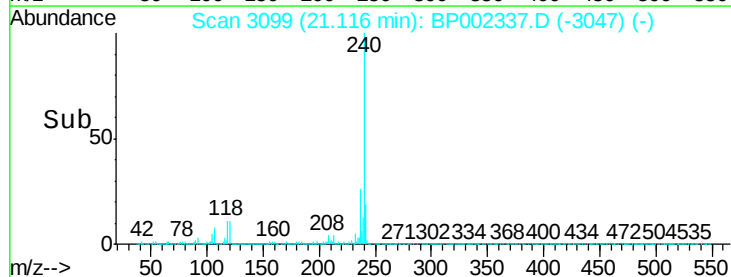
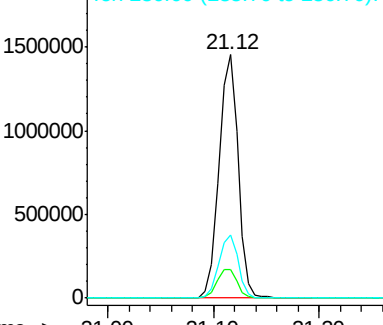


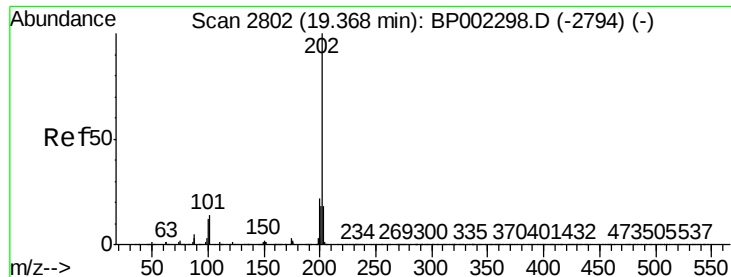
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 7.654 ng

RT: 19.39 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

Instrument :

BNA_P

ClientSampleId :

NM33-COMP-2020-0-6

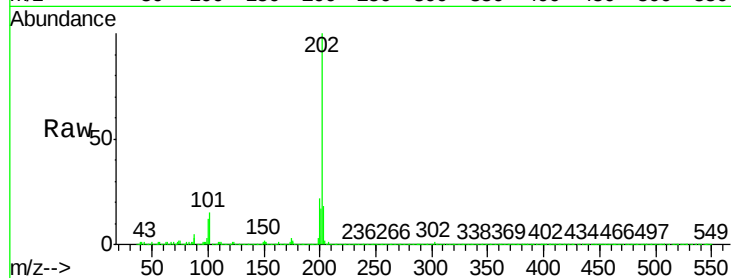
Tot Ion:202 Resp: 868406

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

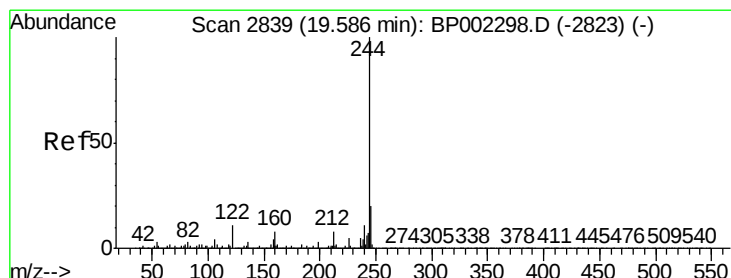
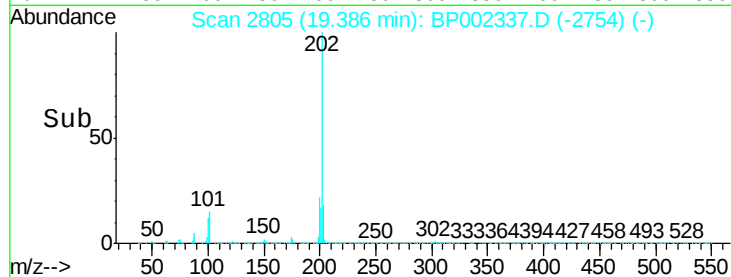
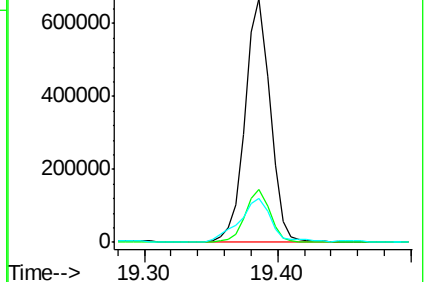
203 18.1 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 69.617 ng

RT: 19.60 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

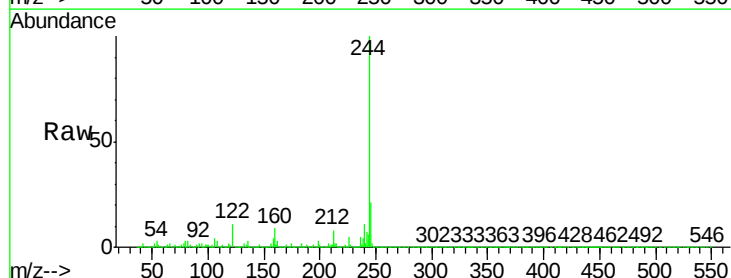
Tgt Ion:244 Resp: 5237471

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

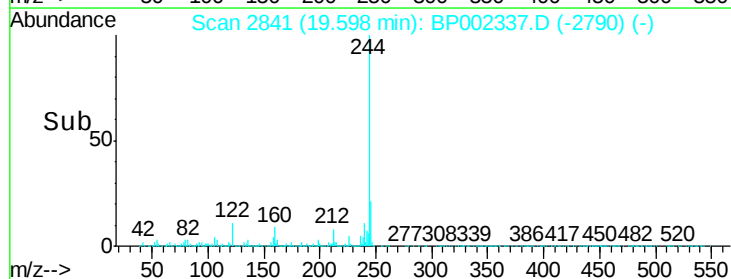
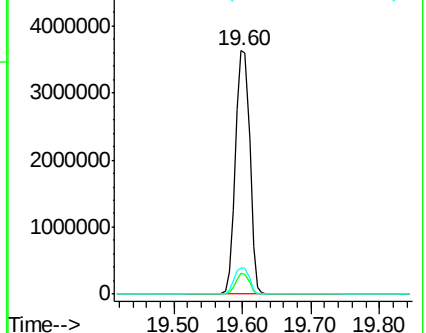
122 10.9 9.4 14.0

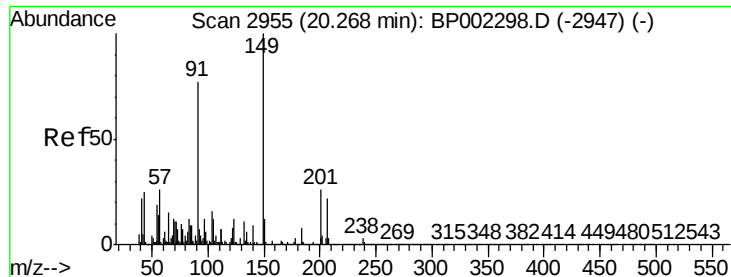


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

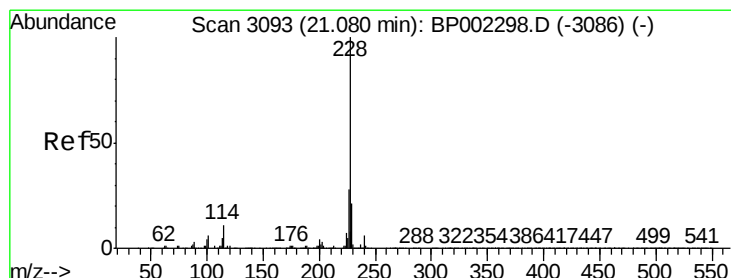
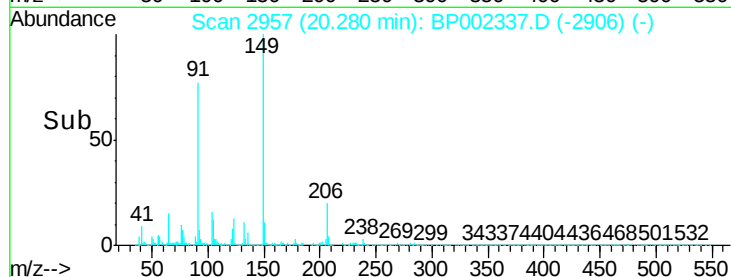
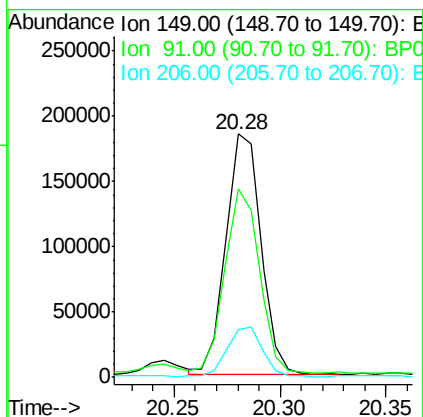
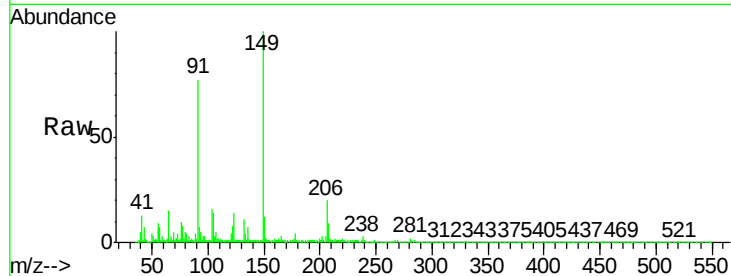




#80
Butylbenzylphthalate
Concen: 4.679 ng
RT: 20.28 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

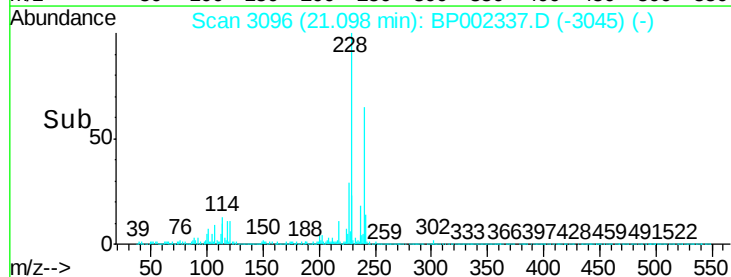
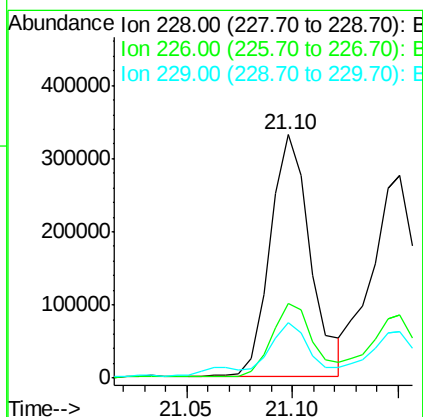
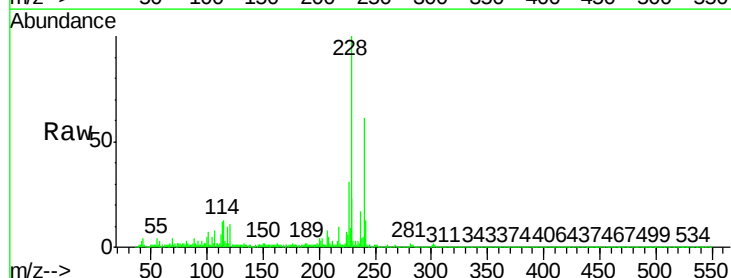
Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

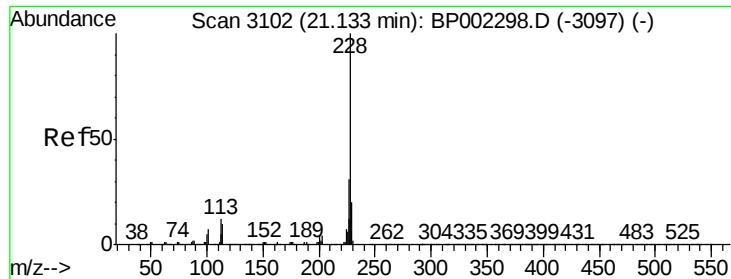
Tot Ion:149 Resp: 211363
Ion Ratio Lower Upper
149 100
91 77.5 56.6 84.8
206 19.8 18.7 28.1



#81
Benzo(a)anthracene
Concen: 4.217 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:228 Resp: 439826
Ion Ratio Lower Upper
228 100
226 30.7 22.7 34.1
229 22.8 16.3 24.5

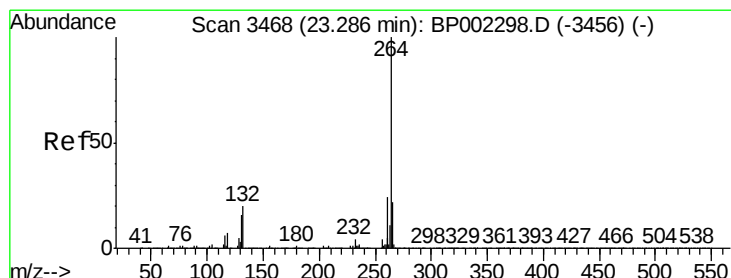
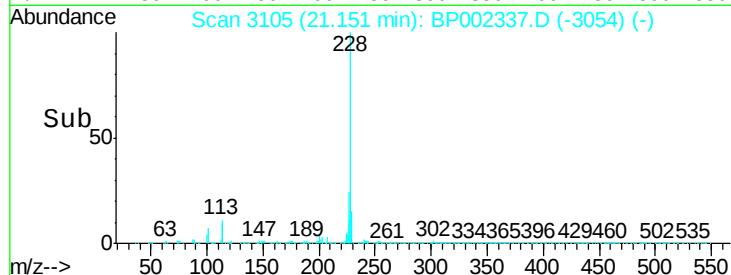
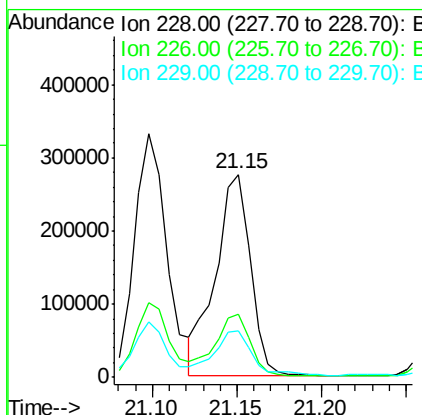
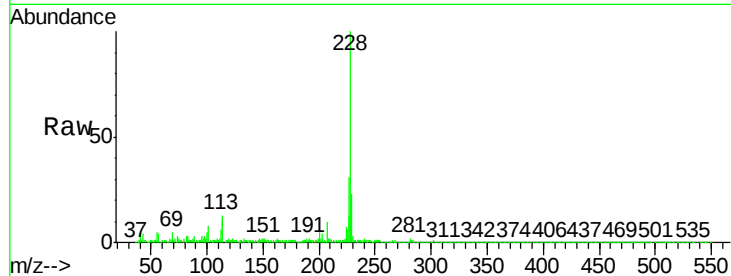




#83
Chrysene
Concen: 3.981 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

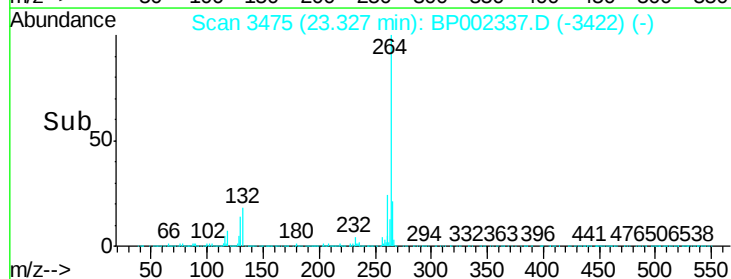
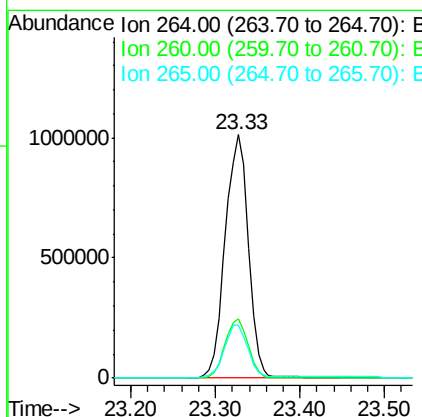
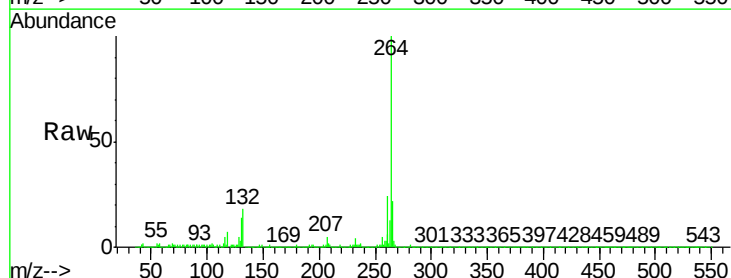
Instrument :
BNA_P
ClientSampleId :
NM33-COMP-2020-0-6

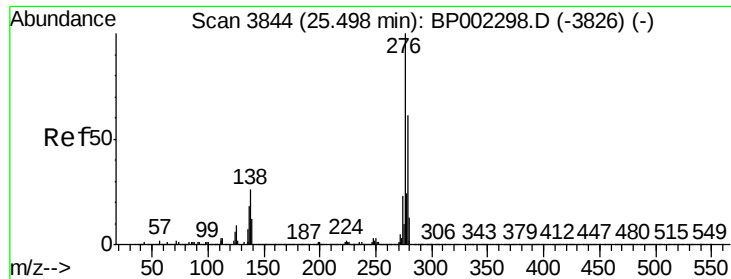
Tot	Ion:228	Resp:	398486
Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	23.1	16.2	24.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion	264	Resp: Lower	1904914 Upper
	Ratio		
264	100		
260	24.2	19.4	29.2
265	21.7	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.389 ng

RT: 25.54 min Scan# 3852

Delta R.T. -0.00 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

Instrument :

BNA_P

ClientSampleId :

NM33-COMP-2020-0-6

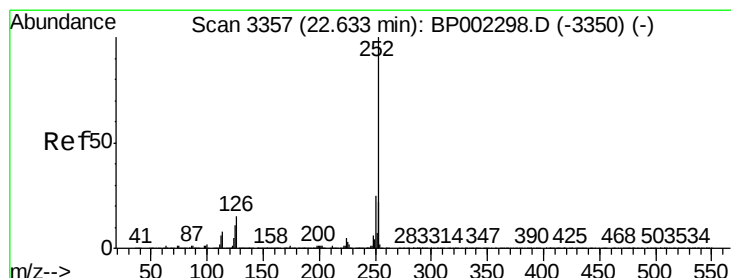
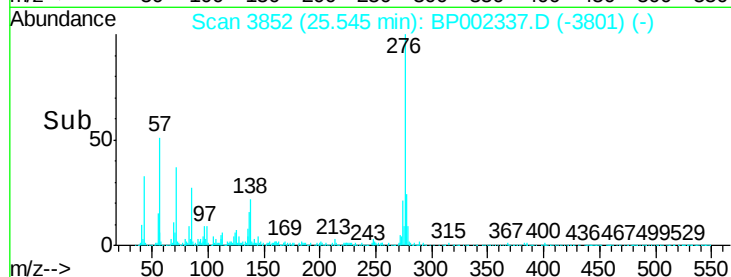
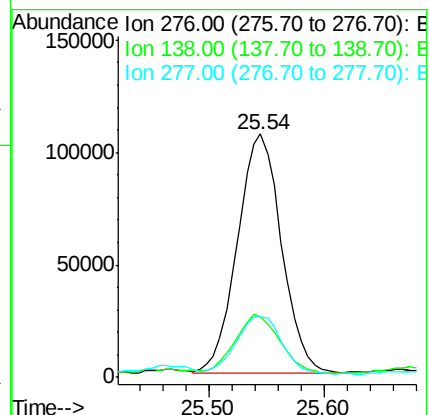
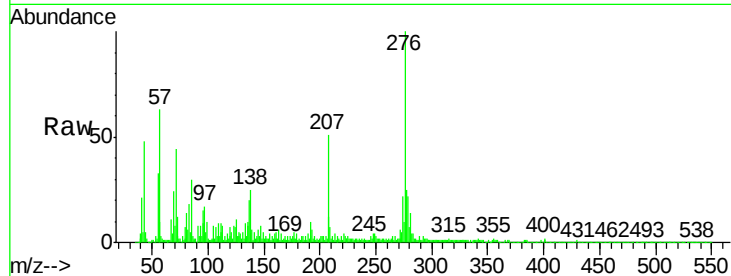
Tot Ion:276 Resp: 281653

Ion Ratio Lower Upper

276 100

138 25.3 18.2 27.4

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 5.486 ng

RT: 22.66 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

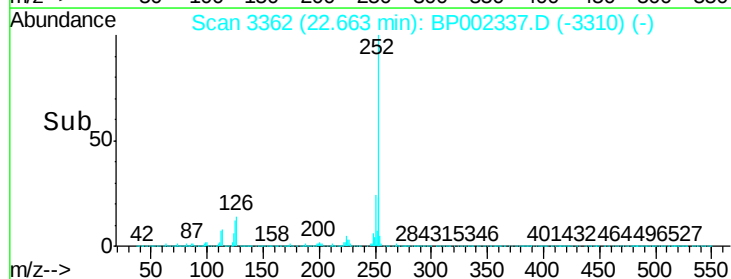
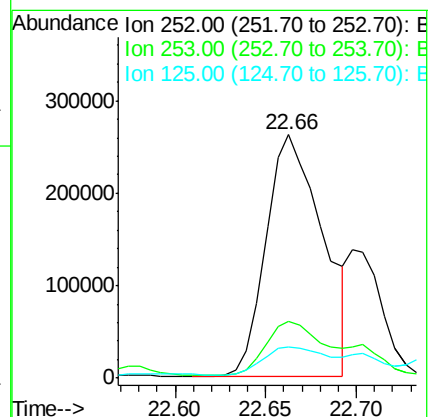
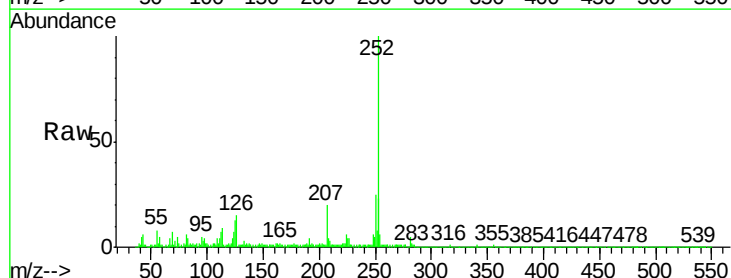
Tgt Ion:252 Resp: 569795

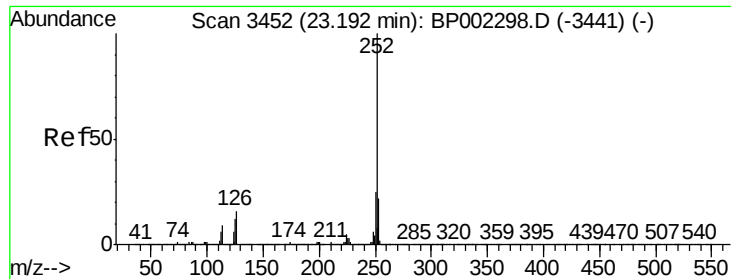
Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

125 13.0 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 4.319 ng

RT: 23.23 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

Instrument :

BNA_P

ClientSampleId :

NM33-COMP-2020-0-6

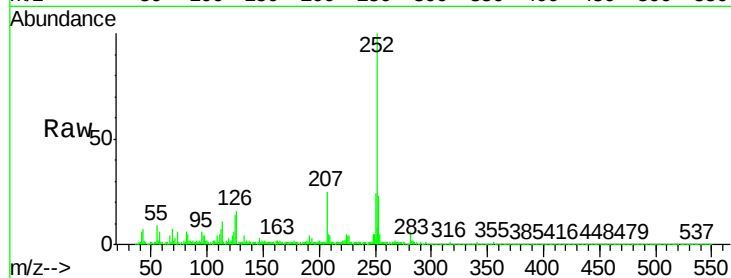
Tot Ion:252 Resp: 416057

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

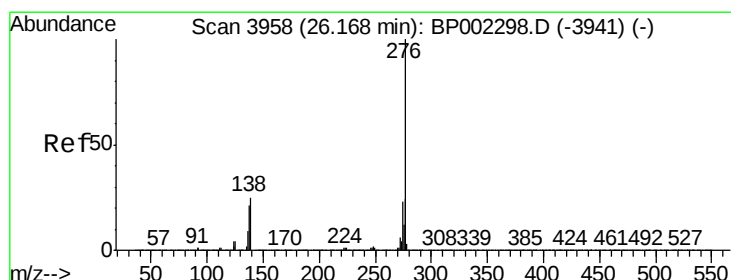
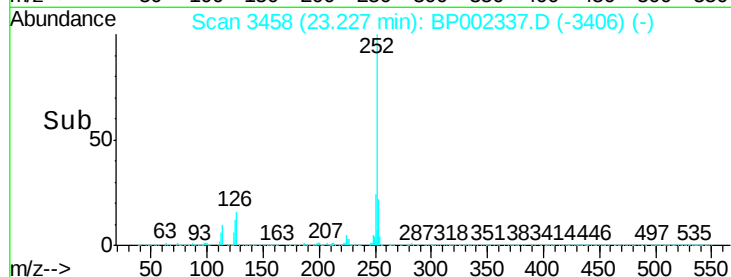
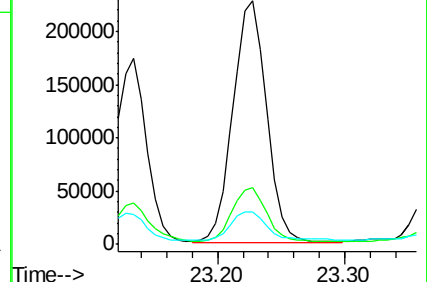
125 13.5 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 3.005 ng

RT: 26.22 min Scan# 3967

Delta R.T. 0.01 min

Lab File: BP002337.D

Acq: 01 Jun 2020 14:02

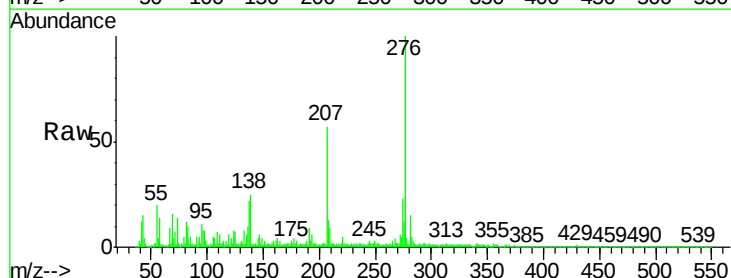
Tgt Ion:276 Resp: 294652

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 24.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

