

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002330.D
 Acq On : 29 May 2020 23:43
 Operator : CG/JU
 Sample : L2745-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 30 00:52:09 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

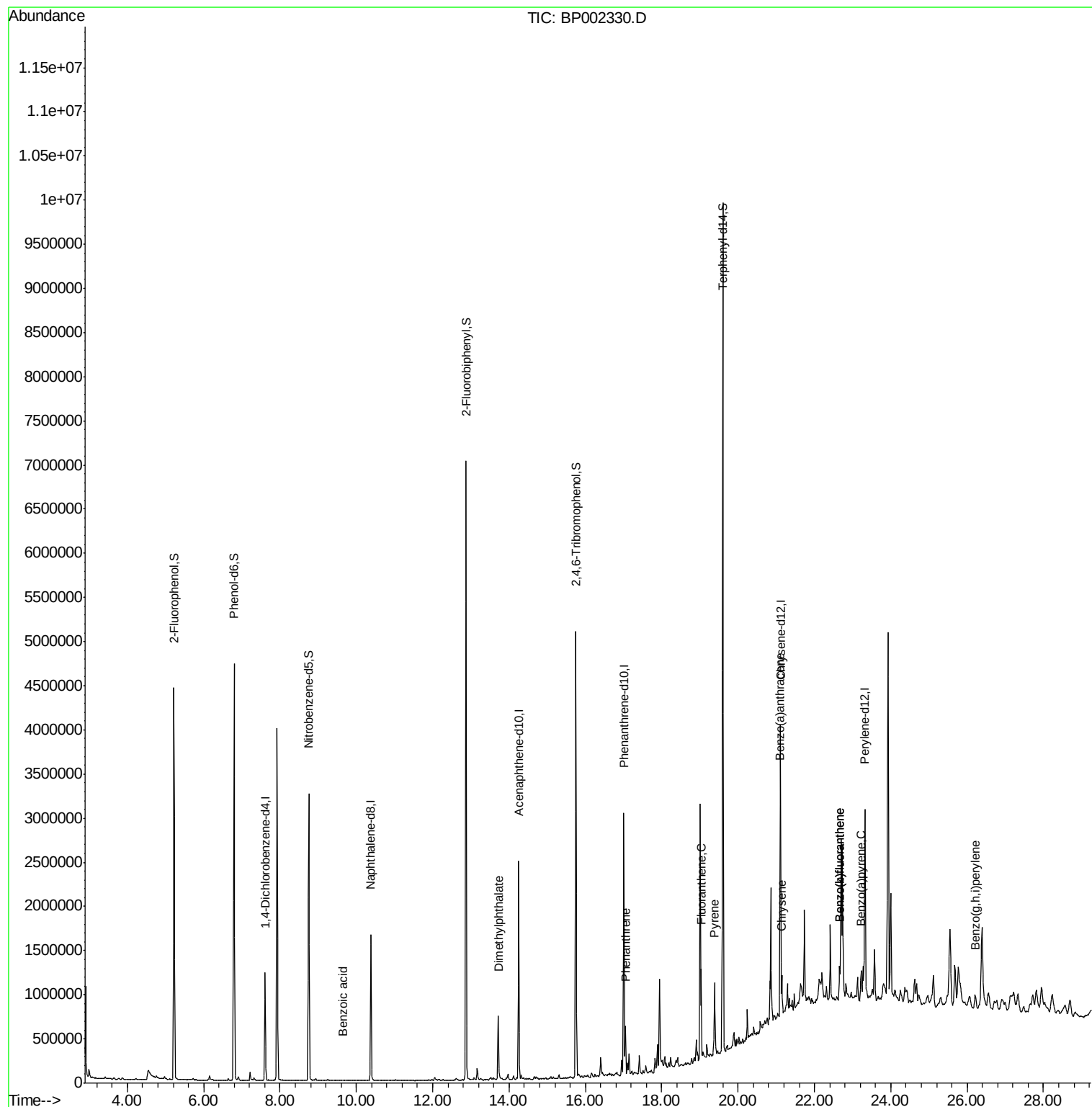
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	319456	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1338956	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	796619	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1645537	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1377102	20.00	ng	0.00
86) Perylene-d12	23.32	264	1443933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1956475	115.02	ng	0.00
7) Phenol-d6	6.80	99	2781483	120.21	ng	0.00
23) Nitrobenzene-d5	8.75	82	1881586	84.49	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	900407	119.26	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3835959	84.97	ng	0.00
79) Terphenyl-d14	19.60	244	4751876	83.56	ng	0.00
Target Compounds						
32) Benzoic acid	9.65	122	1933	4.941	ng	91
50) Dimethylphthalate	13.72	163	469999	8.716	ng	100
71) Phenanthrene	17.05	178	302422	3.880	ng	98
75) Fluoranthene	19.03	202	558696	6.223	ng	99
78) Pyrene	19.39	202	507339	5.916	ng	98
81) Benzo(a)anthracene	21.10	228	250753	3.181	ng	95
83) Chrysene	21.15	228	250950	3.317	ng	97
88) Benzo(b)fluoranthene	22.66	252	449647	5.712	ng	# 94
89) Benzo(k)fluoranthene	22.66	252	449647	5.952	ng	# 94
90) Benzo(a)pyrene	23.22	252	237442	3.252	ng	# 94
92) Benzo(g,h,i)perylene	26.21	276	170132	2.289	ng	# 87

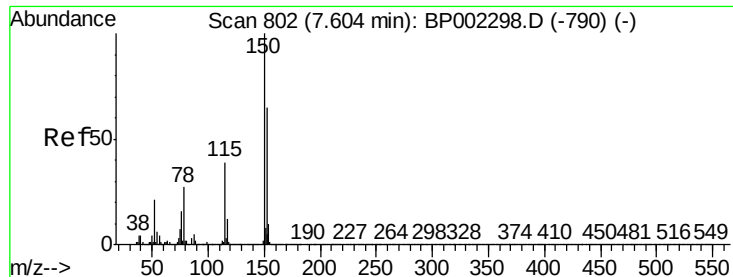
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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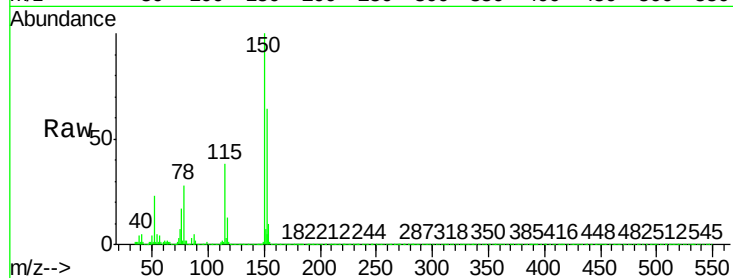


#1

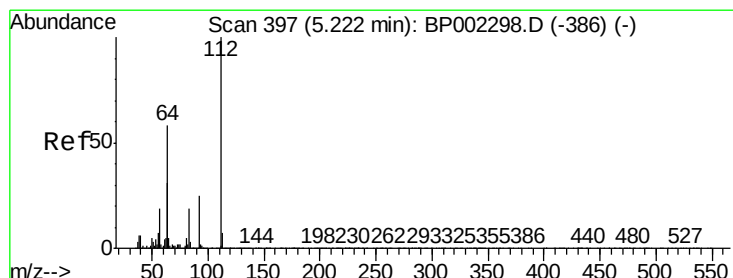
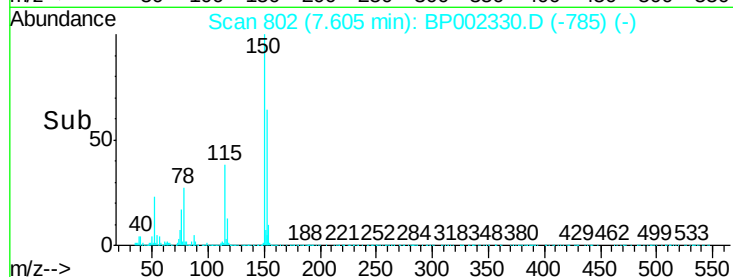
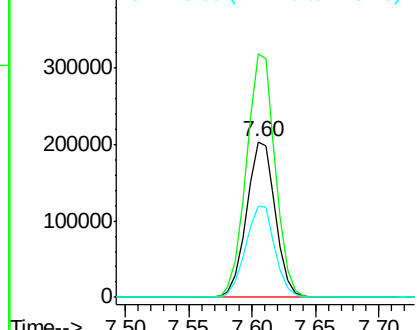
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 319456
Ion Ratio Lower Upper
152 100
150 156.6 124.7 187.1
115 58.9 49.4 74.2



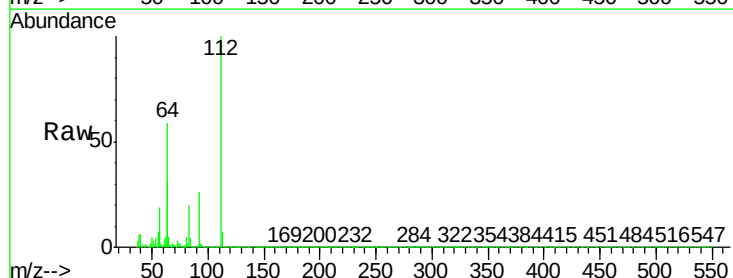
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



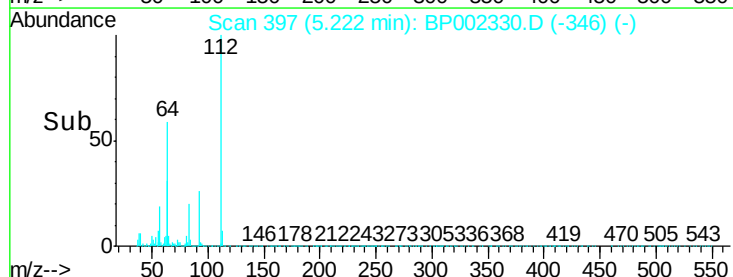
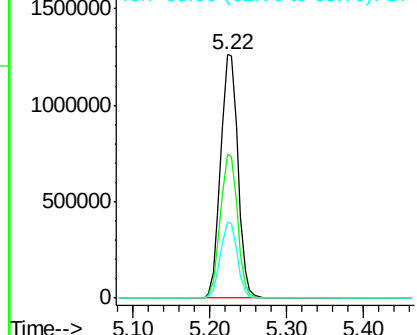
#5

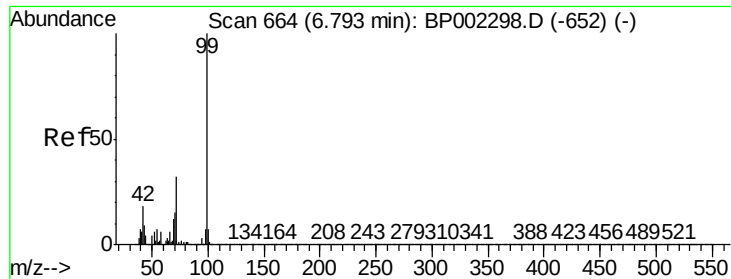
2-Fluorophenol
Concen: 115.024 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion:112 Resp: 1956475
Ion Ratio Lower Upper
112 100
64 59.1 47.0 70.4
63 31.4 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: 120.212 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

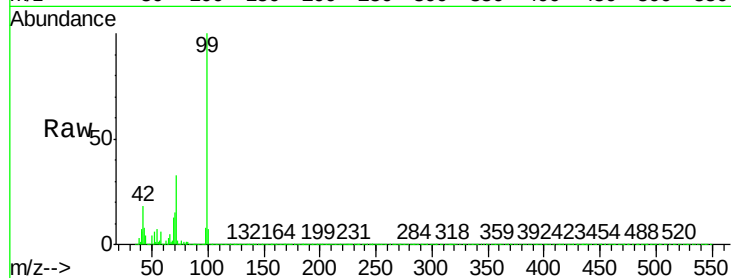
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2781483

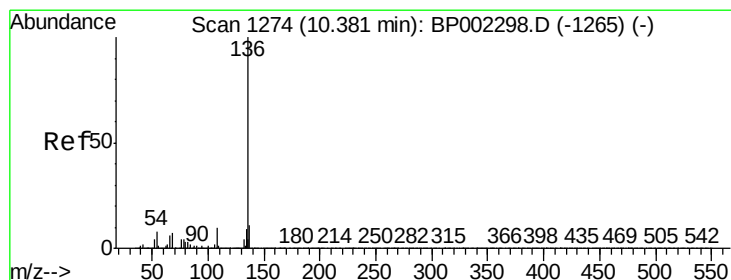
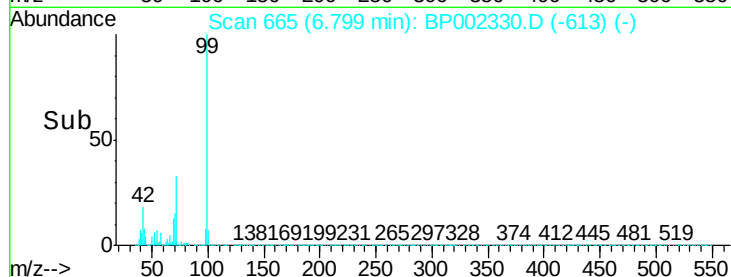
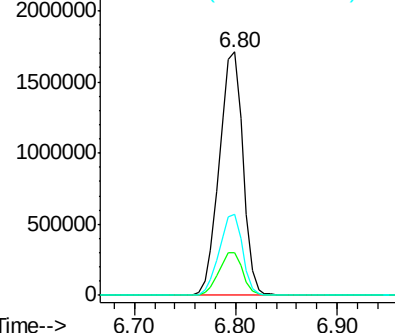
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.9	20.9
71	33.1	25.8	38.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

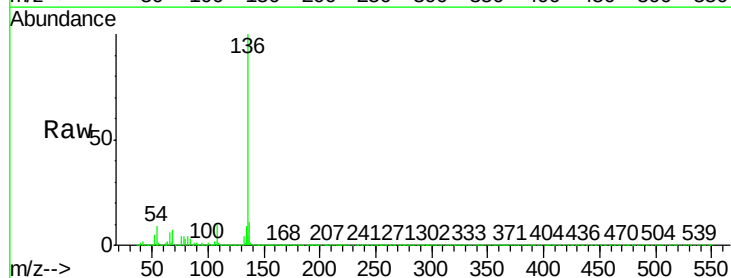
Delta R.T. -0.00 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

Tgt Ion: 136 Resp: 1338956

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	6.9	10.3
68	7.3	5.6	8.4

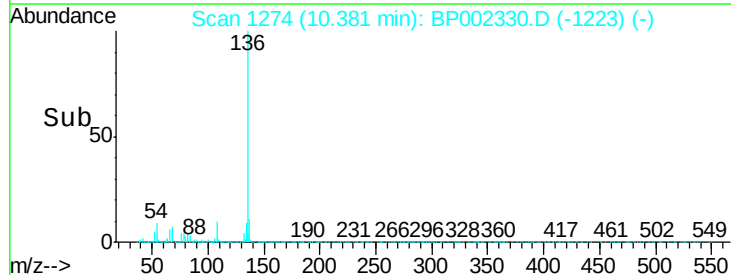
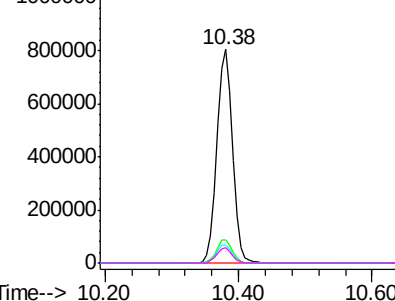


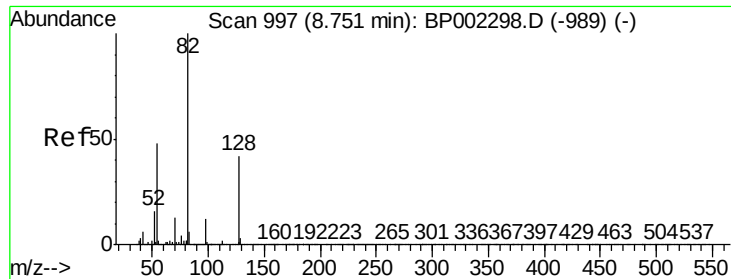
Abundance Ion 136.00 (135.70 to 136.70): E

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

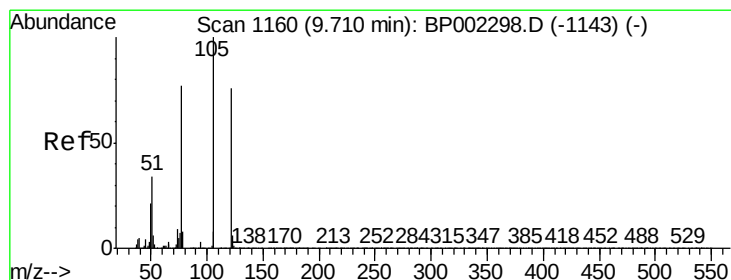
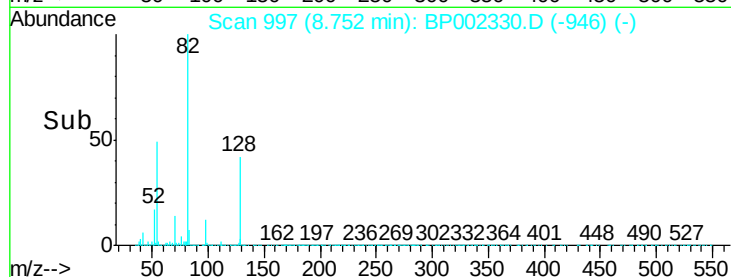
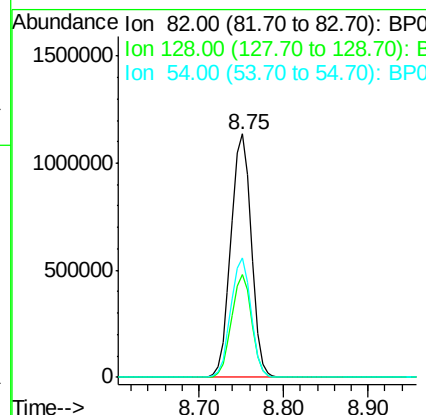
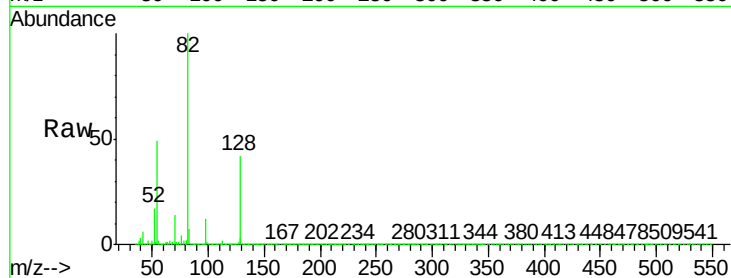




#23
 Nitrobenzene-d5
 Concen: 84.488 ng
 RT: 8.75 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BP002330.D
 Acq: 29 May 2020 23:43

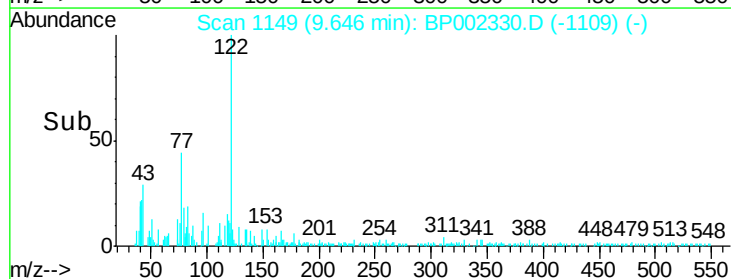
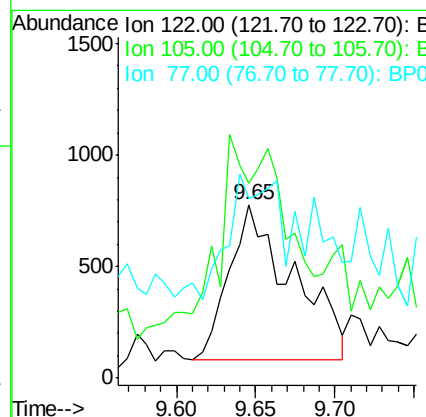
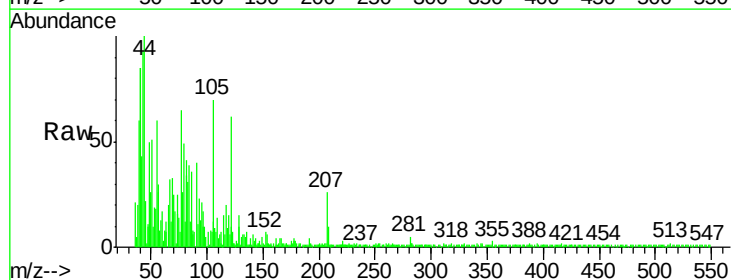
Instrument :
 BNA_P
 ClientSampleId :

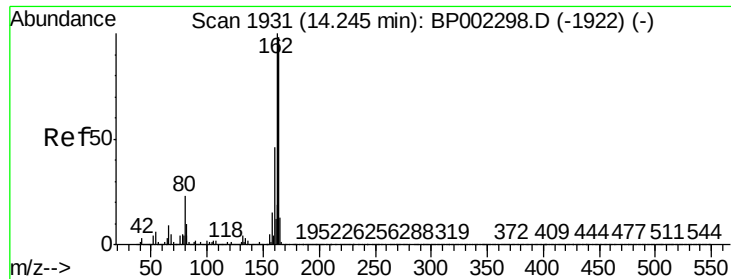
Tot Ion: 82 Resp: 1881586
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.4 50.0
 54 48.9 38.3 57.5



#32
 Benzoic acid
 Concen: 4.941 ng
 RT: 9.65 min Scan# 1149
 Delta R.T. -0.06 min
 Lab File: BP002330.D
 Acq: 29 May 2020 23:43

Tgt Ion: 122 Resp: 1933
 Ion Ratio Lower Upper
 122 100
 105 112.5 102.7 142.7
 77 103.7 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: BP002330.D

Acq: 29 May 2020 23:43

Instrument :

BNA_P

ClientSampleId :

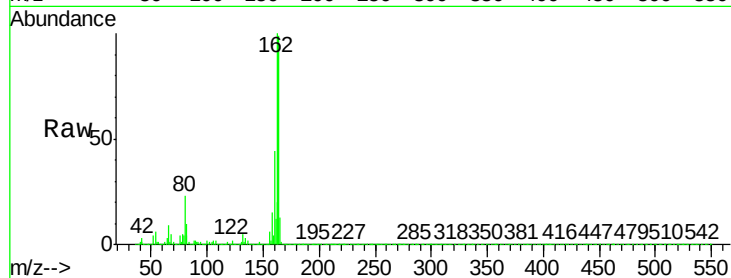
Tot Ion:164 Resp: 796619

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

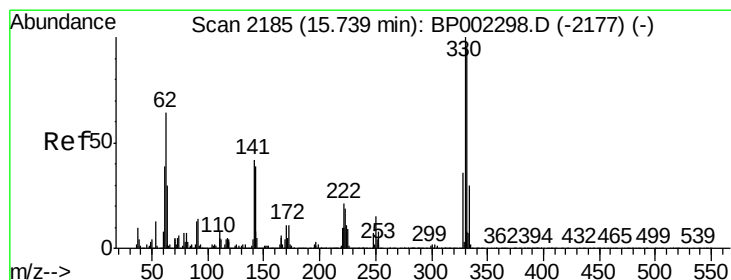
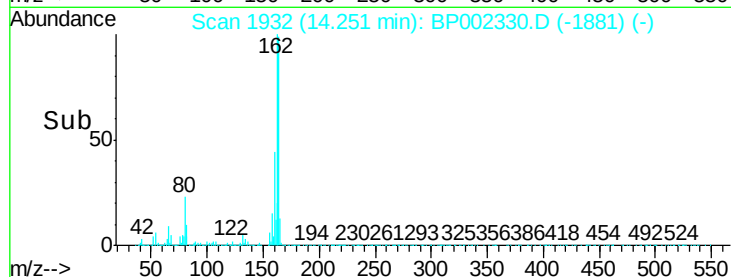
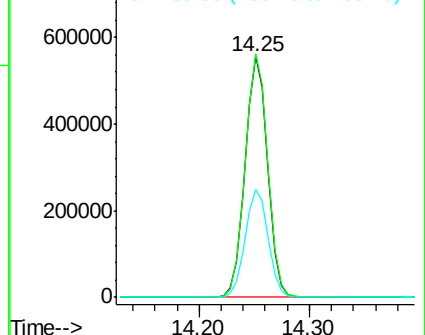
160 44.8 37.2 55.8



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: 119.259 ng

RT: 15.75 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

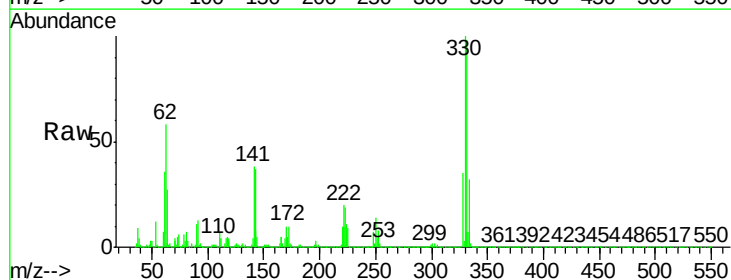
Tgt Ion:330 Resp: 900407

Ion Ratio Lower Upper

330 100

332 97.7 76.9 115.3

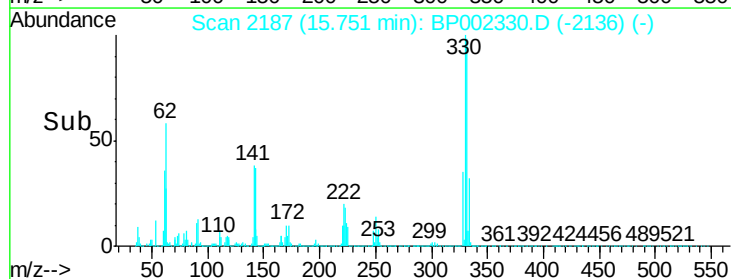
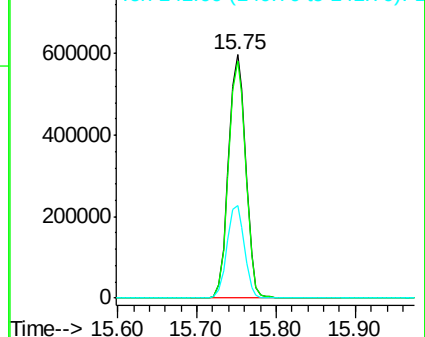
141 38.6 31.4 47.2

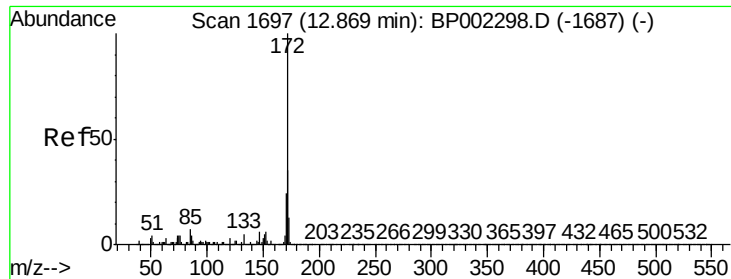


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

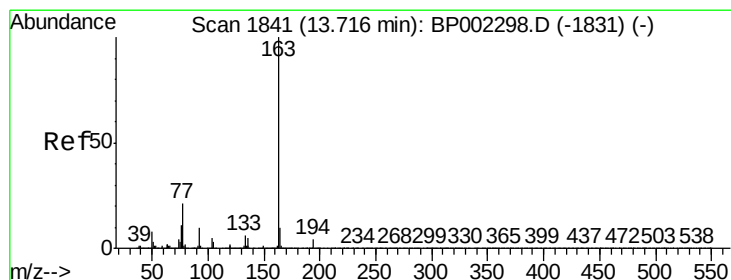
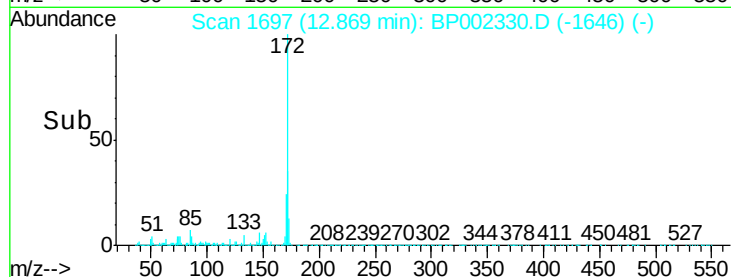
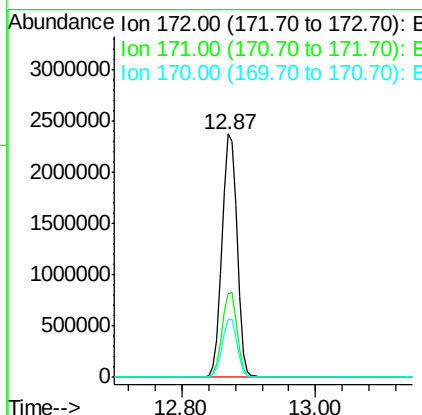
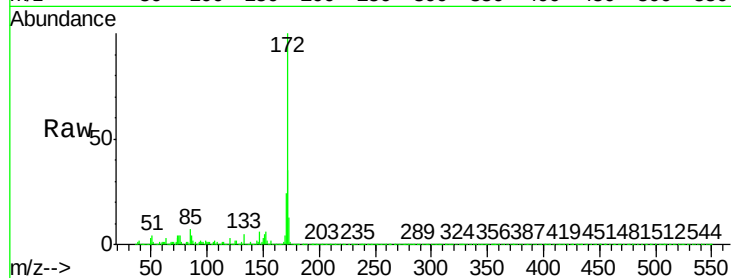




#45
2-Fluorobiphenyl
Concen: 84.968 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

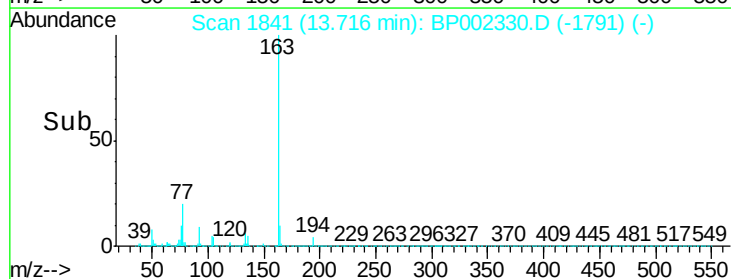
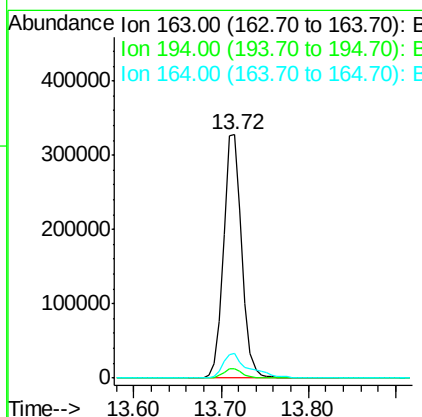
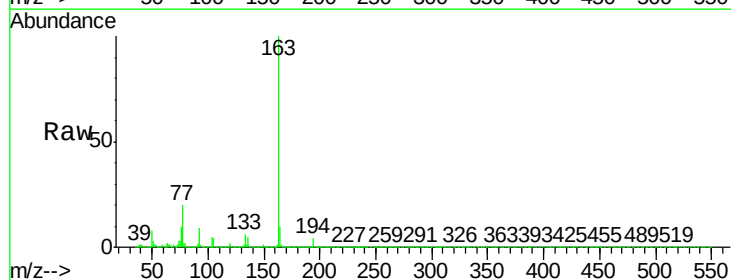
Instrument :
BNA_P
ClientSampleId :

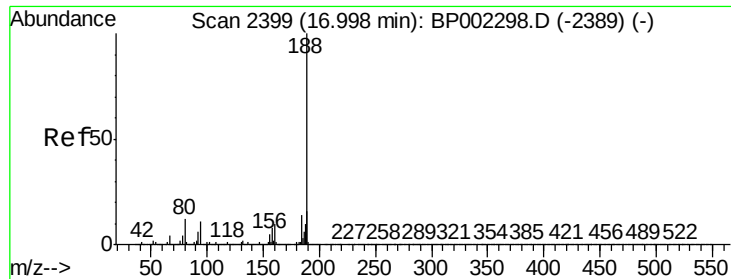
Tot Ion:172 Resp: 3835959
Ion Ratio Lower Upper
172 100
171 34.5 27.6 41.4
170 24.0 18.9 28.3



#50
Dimethylphthalate
Concen: 8.716 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion:163 Resp: 469999
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 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: BP002330.D

Acq: 29 May 2020 23:43

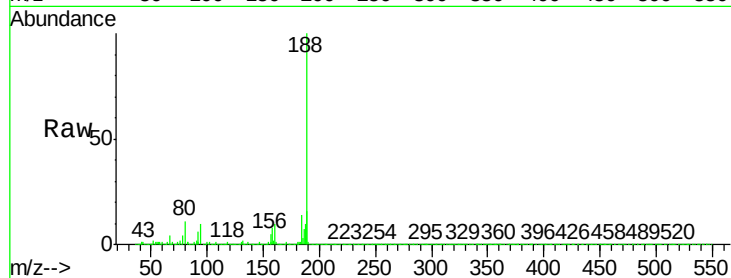
Instrument :

BNA_P

ClientSampleId :

Tot Ion:188 Resp: 1645537

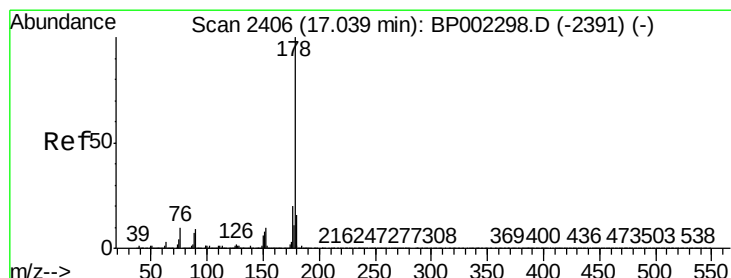
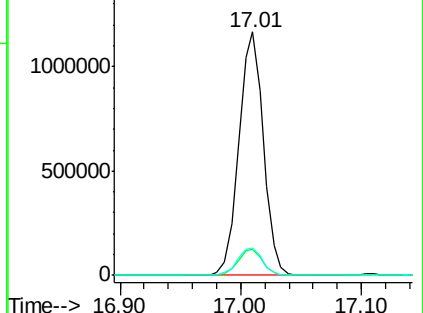
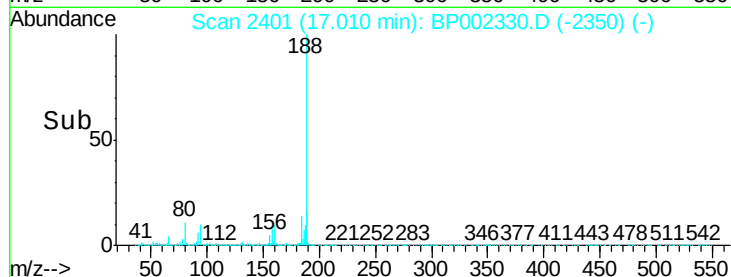
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	11.2	9.3	13.9



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: 3.880 ng

RT: 17.05 min Scan# 2408

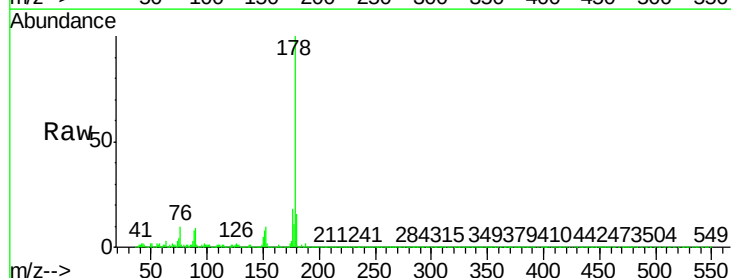
Delta R.T. -0.00 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

Tgt Ion:178 Resp: 302422

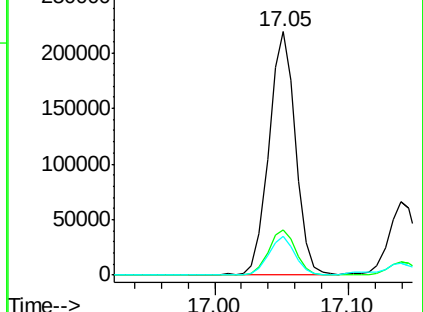
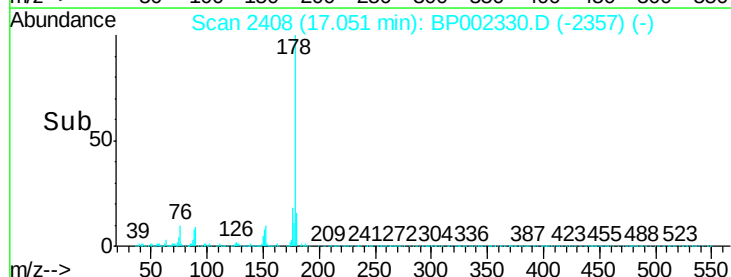
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.9	12.6	18.8

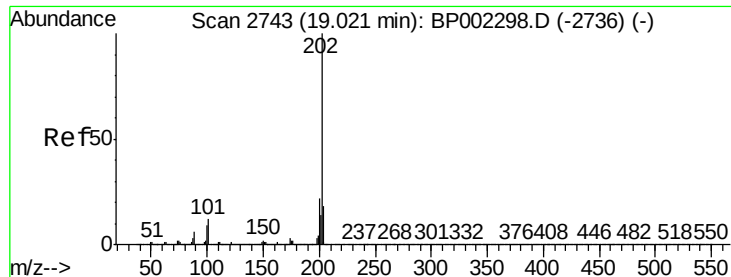


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 6.223 ng

RT: 19.03 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BP002330.D

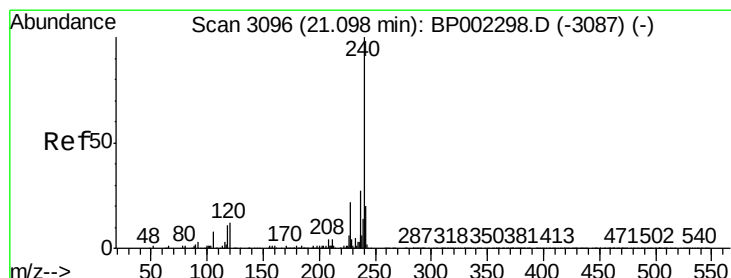
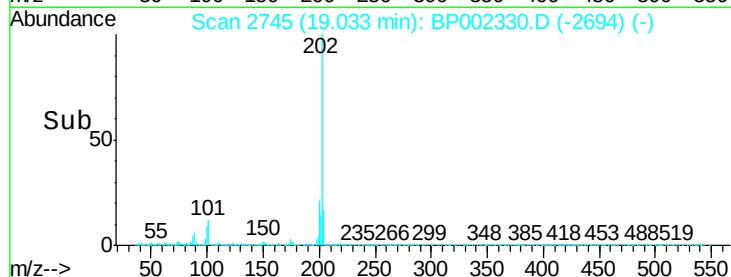
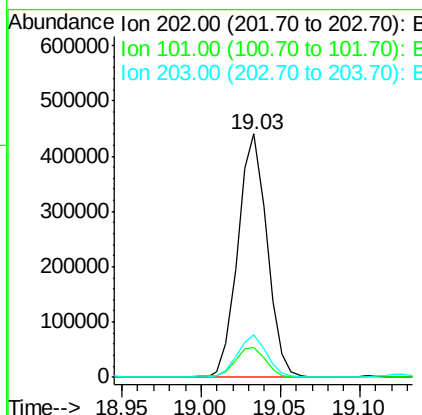
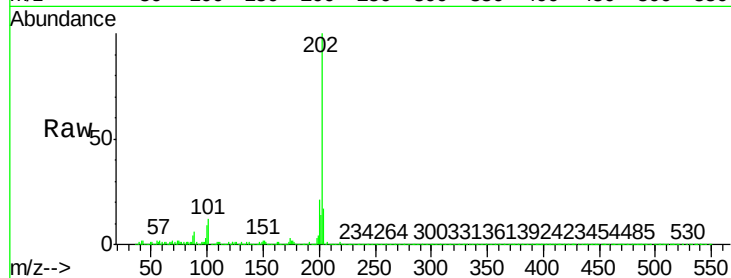
Acq: 29 May 2020 23:43

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	558696
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

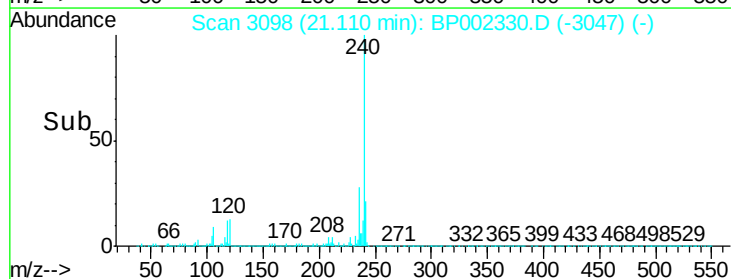
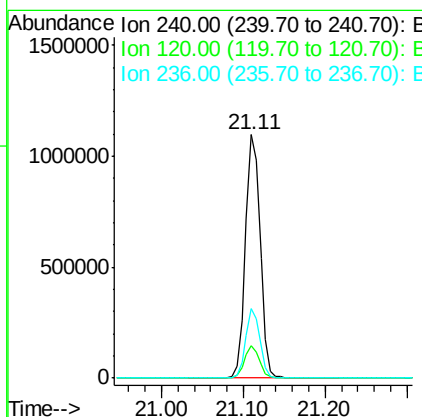
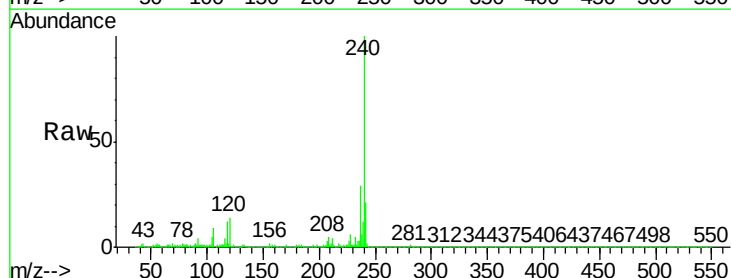
RT: 21.11 min Scan# 3098

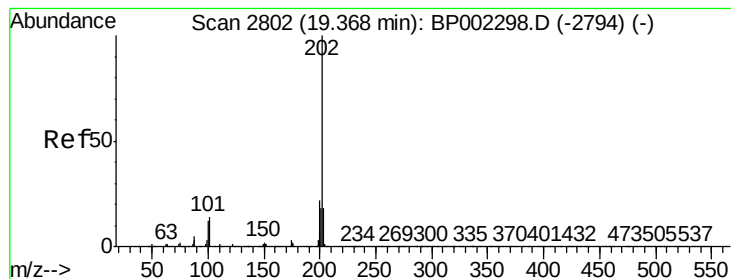
Delta R.T. -0.00 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

Tgt Ion:	240	Resp:	1377102
Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.7	13.1#
236	28.5	21.0	31.4





#78

Pvrene

Concen: 5.916 ng

RT: 19.39 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BP002330.D

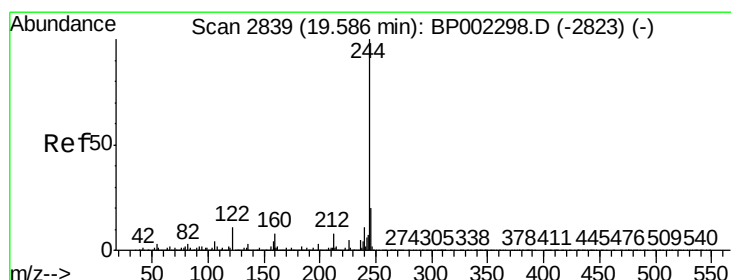
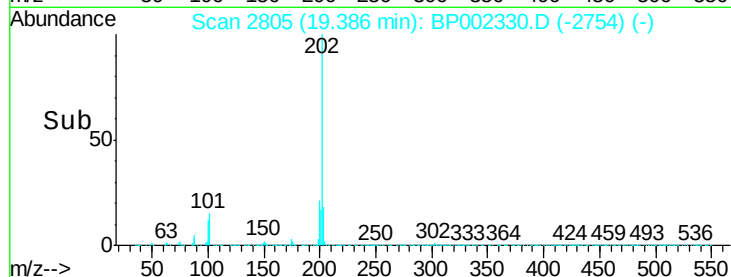
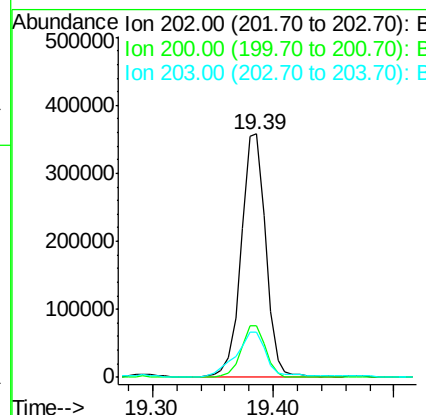
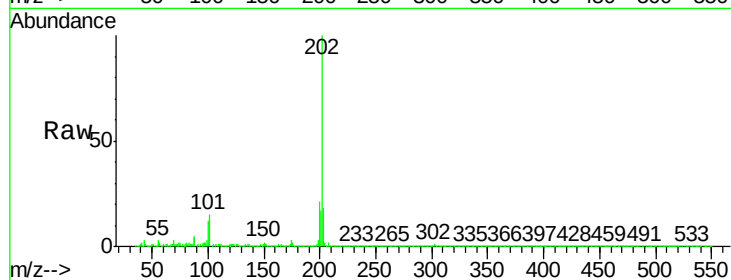
Acq: 29 May 2020 23:43

Instrument :

BNA_P

ClientSampled :

Tot Ion:	202	Resp:	507339
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.3	25.9
203	18.5	13.8	20.6



#79

Terphenyl-d14

Concen: 83.565 ng

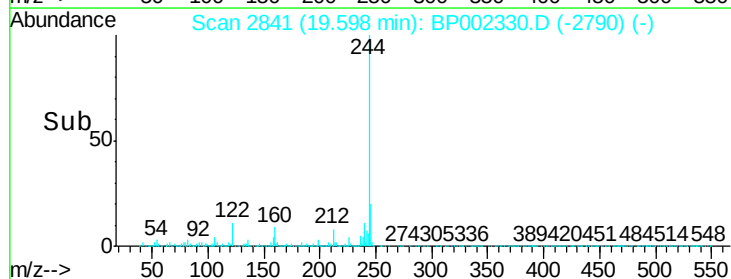
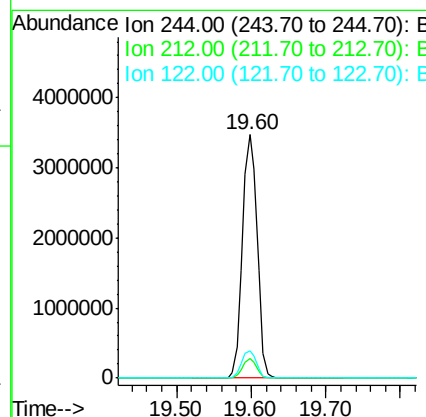
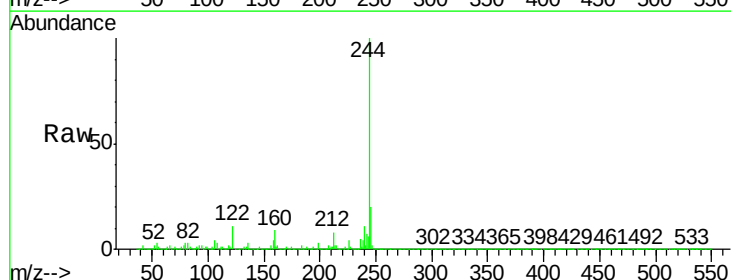
RT: 19.60 min Scan# 2841

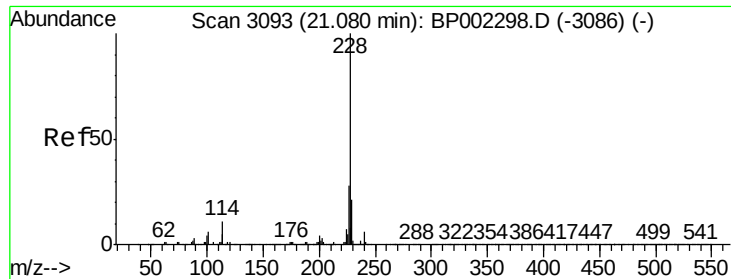
Delta R.T. -0.00 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

Tgt Ion:	244	Resp:	4751876
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	11.0	9.4	14.0

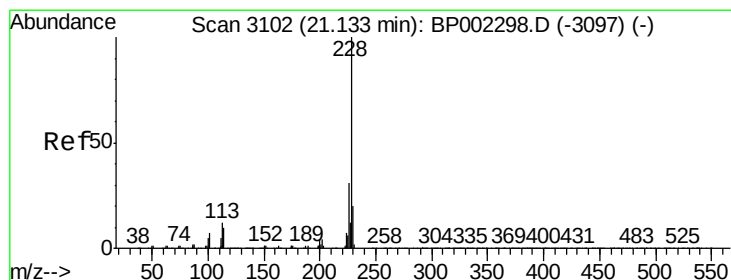
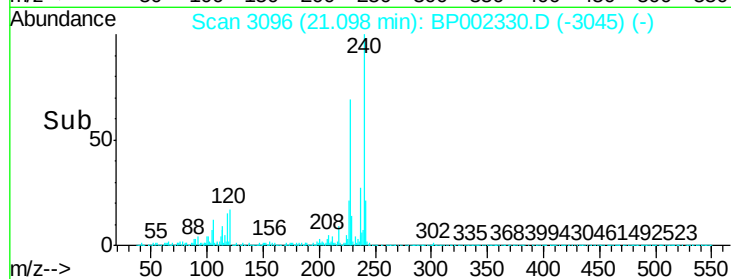
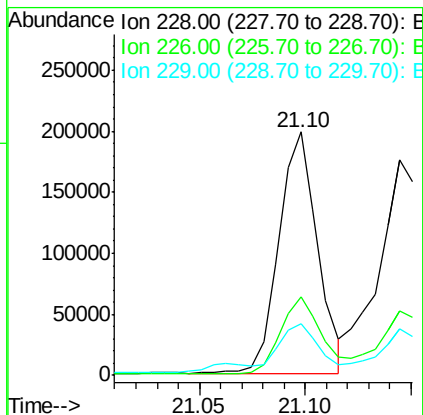
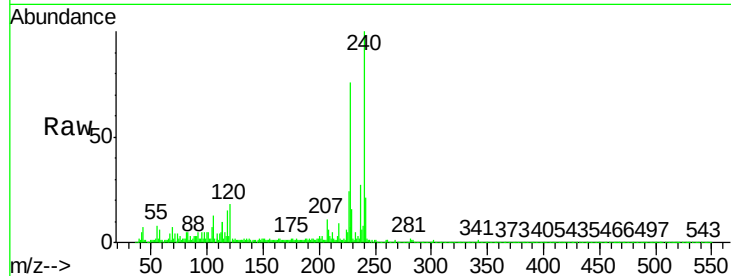




#81
Benzo(a)anthracene
Concen: 3.181 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

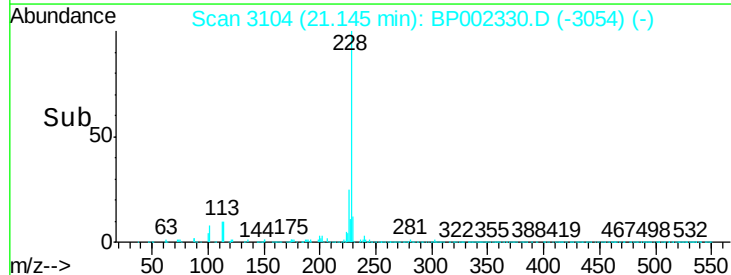
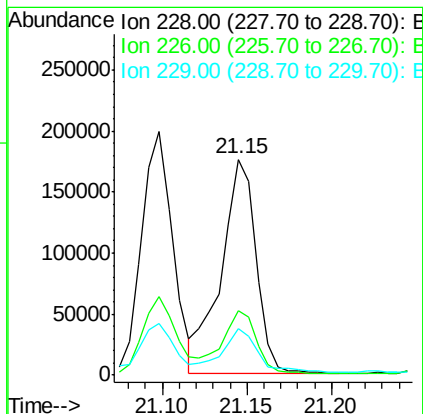
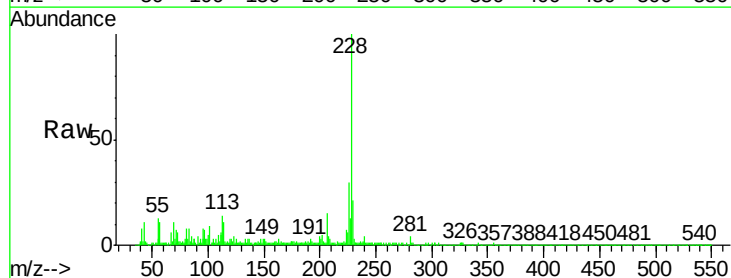
Instrument :
BNA_P
ClientSampled :

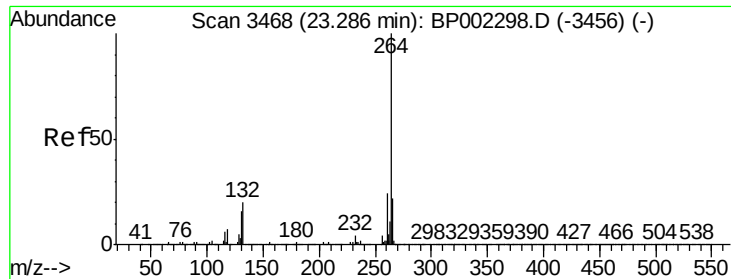
Tot Ion:228 Resp: 250753
Ion Ratio Lower Upper
228 100
226 32.1 22.7 34.1
229 21.0 16.3 24.5



#83
Chrysene
Concen: 3.317 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion:228 Resp: 250950
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.6
229 21.4 16.2 24.4

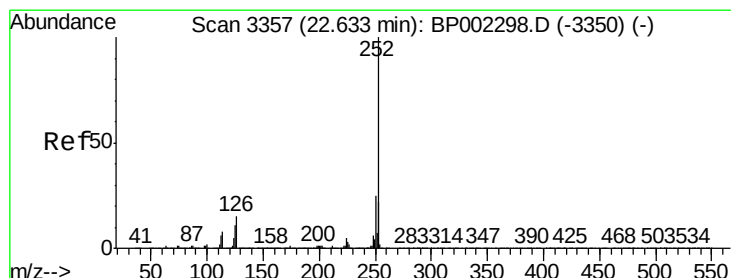
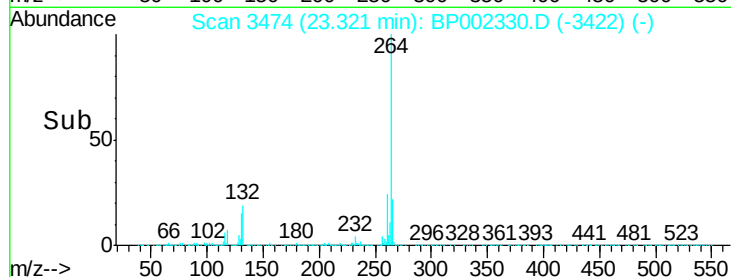
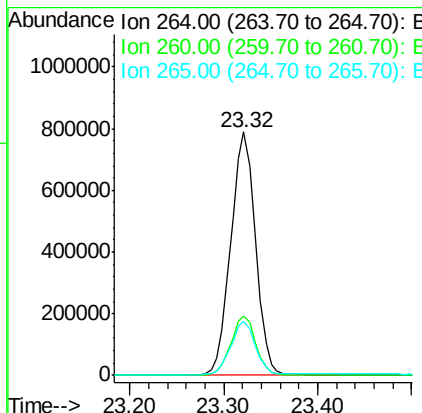
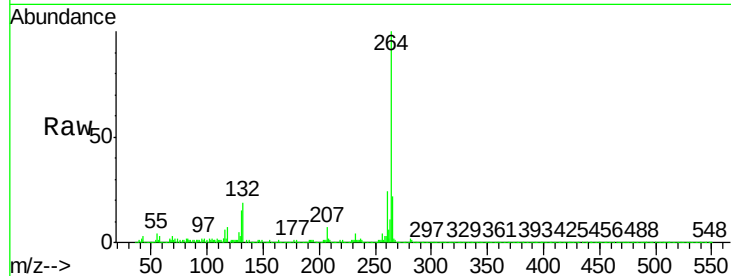




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

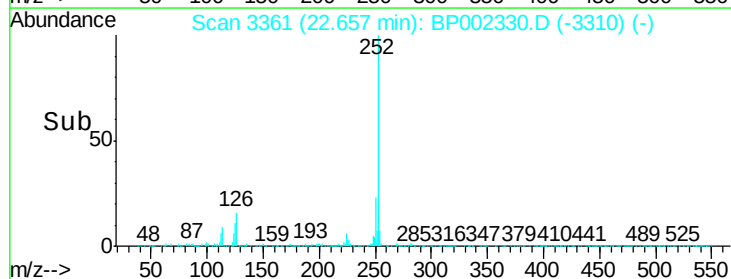
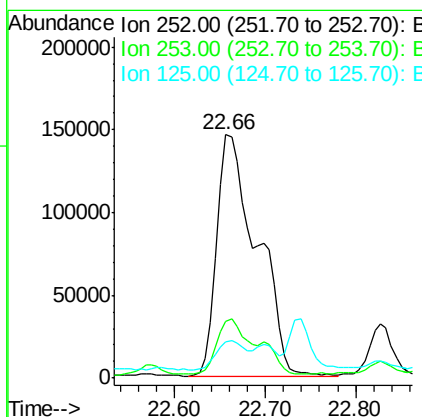
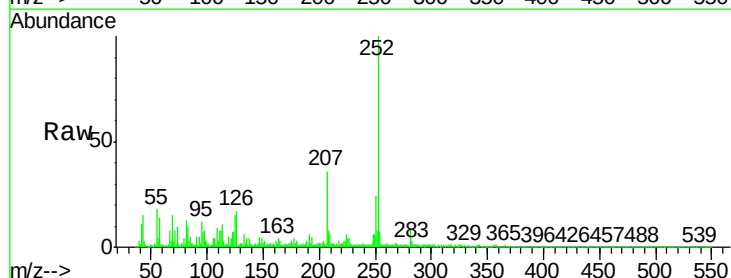
Instrument :
BNA_P
ClientSampleId :

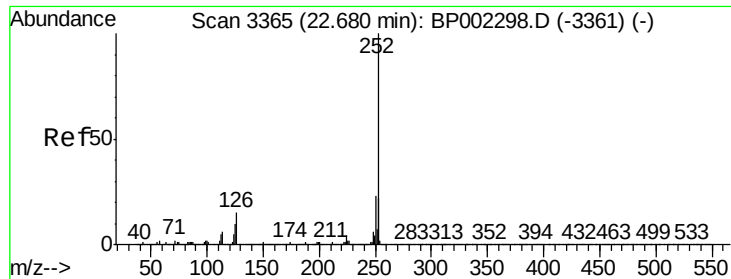
Tot Ion:264 Resp: 1443933
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 22.2 17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 5.712 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion:252 Resp: 449647
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 14.7 7.2 10.8#

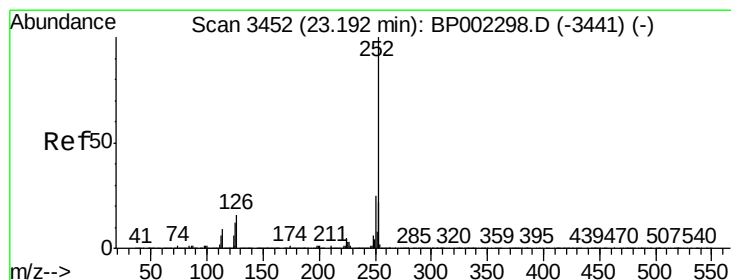
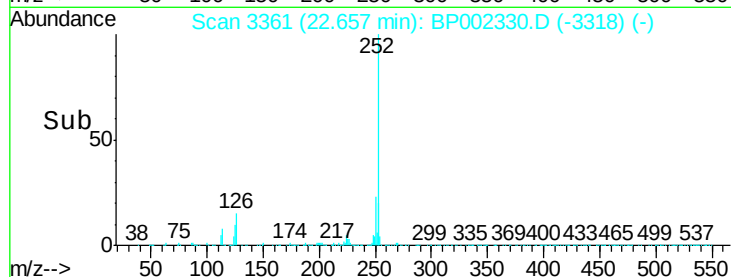
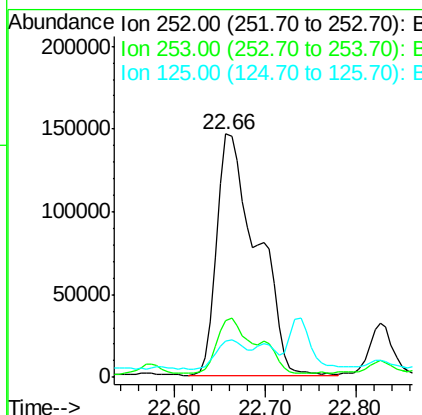
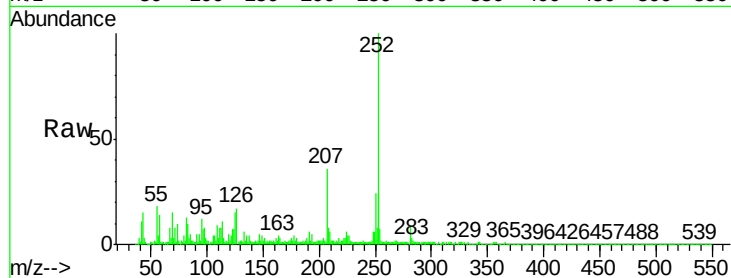




#89
Benzo(k)fluoranthene
Concen: 5.952 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.05 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

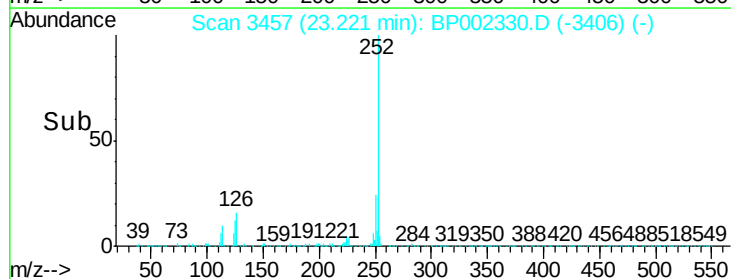
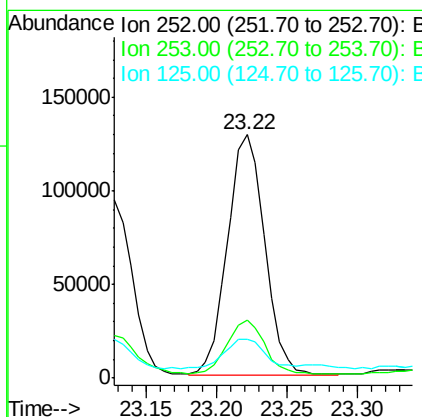
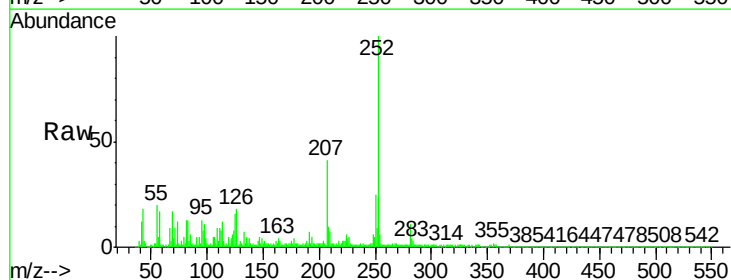
Instrument :
BNA_P
ClientSampleId :

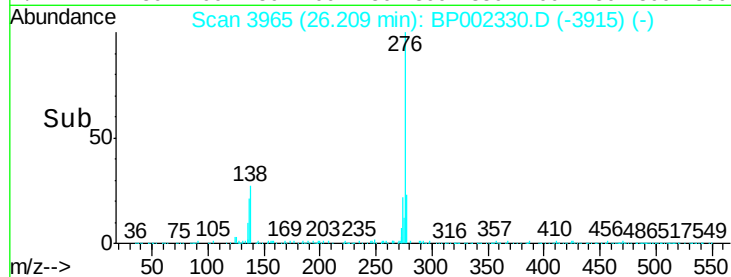
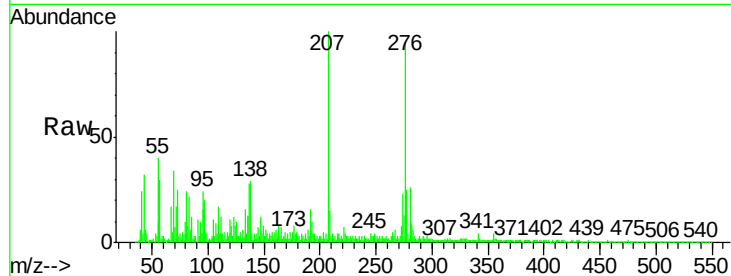
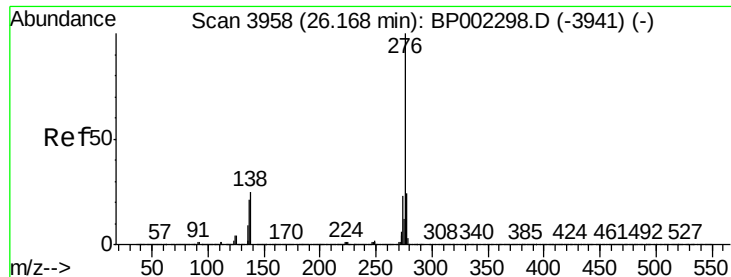
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	14.7	7.4	11.2



#90
Benzo(a)pyrene
Concen: 3.252 ng
RT: 23.22 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BP002330.D
Acq: 29 May 2020 23:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	15.9	8.4	12.6





#92

Benzo(a,h,i)perylene

Concen: 2.289 ng

RT: 26.21 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BP002330.D

Acq: 29 May 2020 23:43

Instrument :

BNA_P

ClientSampleId :

Tot Ion:276 Resp: 170132

Ion Ratio Lower Upper

276 100

277 25.7 18.6 28.0

138 30.7 16.0 24.0#

