

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002325.D
 Acq On : 29 May 2020 20:52
 Operator : CG/JU
 Sample : L2745-07 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 30 00:47:40 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

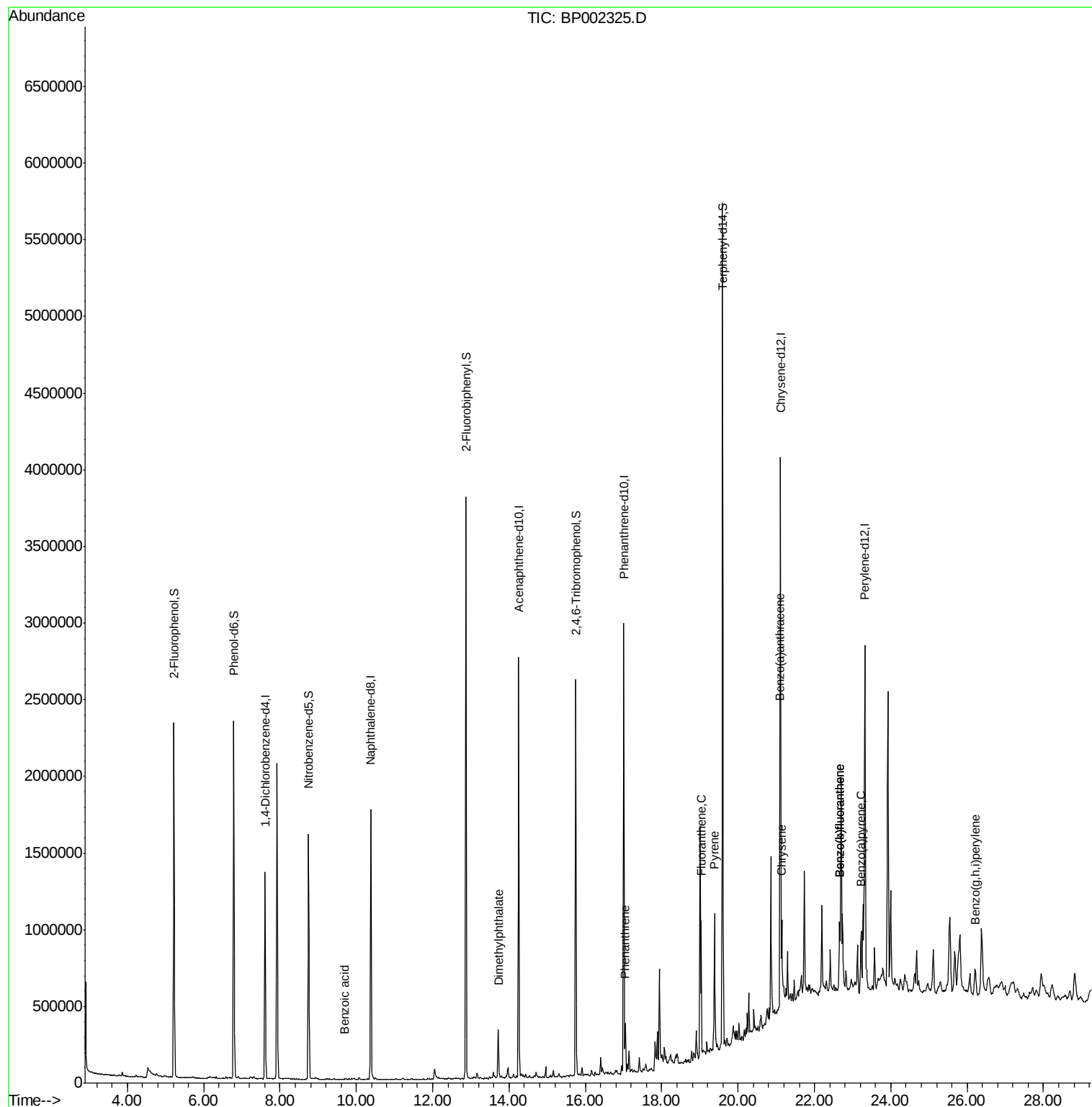
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	353607	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1450669	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	846420	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1733272	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1527551	20.00	ng	0.00
86) Perylene-d12	23.32	264	1569115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	985710	52.35	ng	0.00
7) Phenol-d6	6.79	99	1358987	53.06	ng	0.00
23) Nitrobenzene-d5	8.75	82	904313	37.48	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	429482	53.54	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1937568	40.39	ng	0.00
79) Terphenyl-d14	19.59	244	2567611	40.71	ng	0.00
Target Compounds						
32) Benzoic acid	9.69	122	159	4.820	ng	Qvalue # 77
50) Dimethylphthalate	13.71	163	192426	3.359	ng	100
71) Phenanthrene	17.05	178	188414	2.295	ng	99
75) Fluoranthene	19.03	202	501636	5.305	ng	98
78) Pyrene	19.38	202	517084	5.436	ng	98
81) Benzo(a)anthracene	21.09	228	286781	3.280	ng	100
83) Chrysene	21.14	228	266424	3.175	ng	97
88) Benzo(b)fluoranthene	22.66	252	378855	4.429	ng	# 95
89) Benzo(k)fluoranthene	22.66	252	378855	4.615	ng	# 94
90) Benzo(a)pyrene	23.22	252	278625	3.511	ng	# 97
92) Benzo(g,h,i)perylene	26.21	276	197564	2.446	ng	# 88

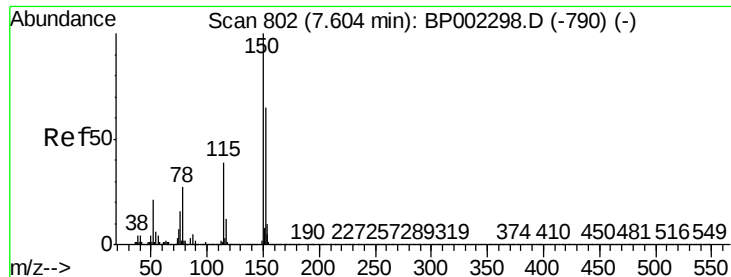
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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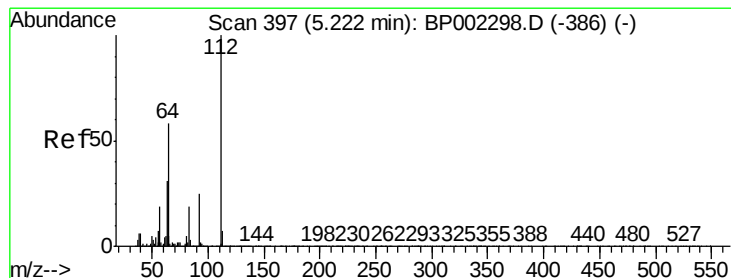
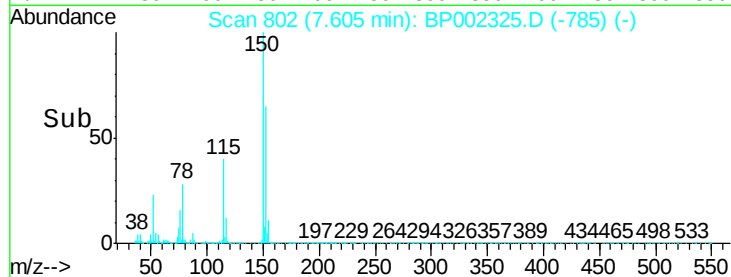
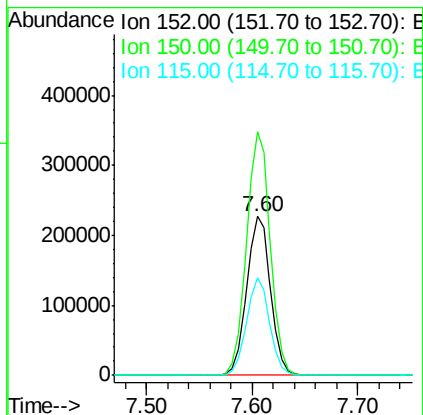
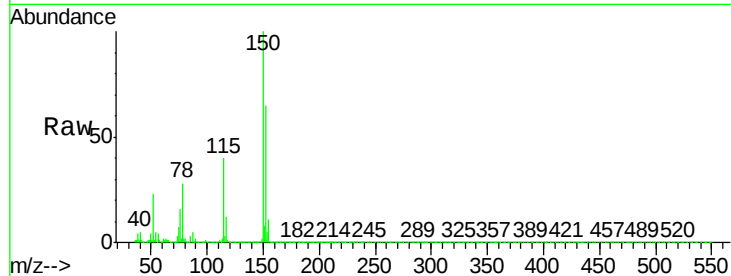


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Instrument :
BNA_P
ClientSampleId :

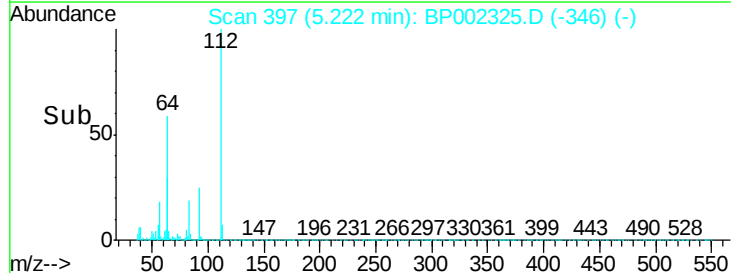
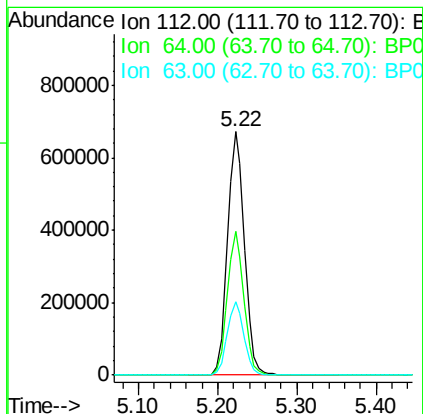
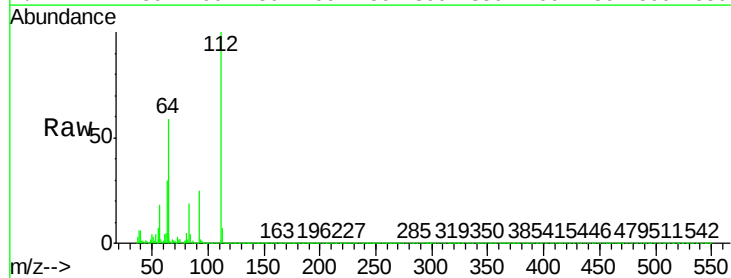
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.7	187.1
115	61.8	49.4	74.2

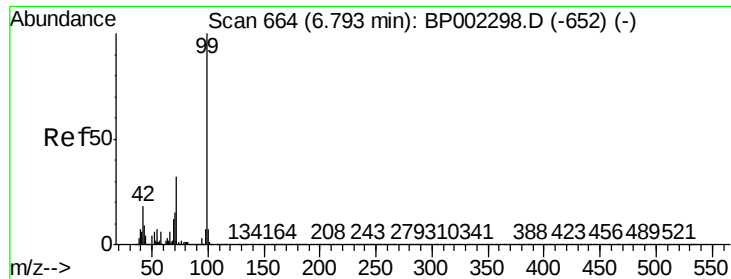


#5

2-Fluorophenol
Concen: 52.355 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.0	70.4
63	30.1	24.0	36.0





#7

Phenol-d6

Concen: 53.061 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

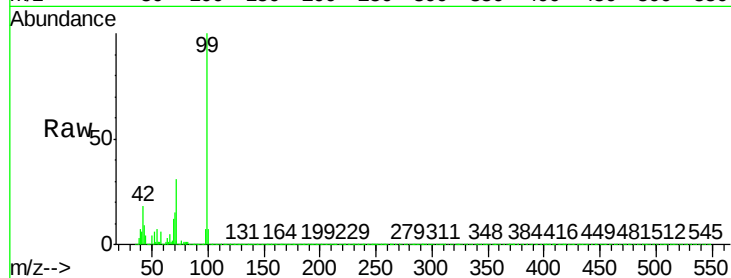
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1358987

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.9	20.9
71	31.5	25.8	38.8

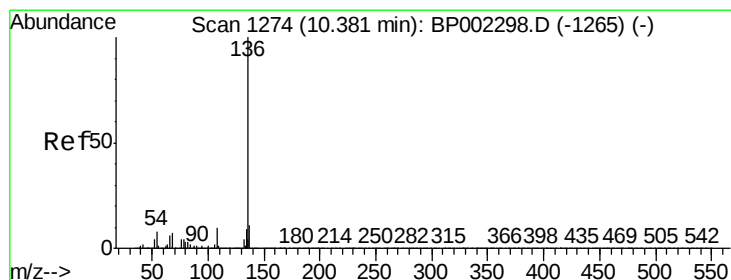
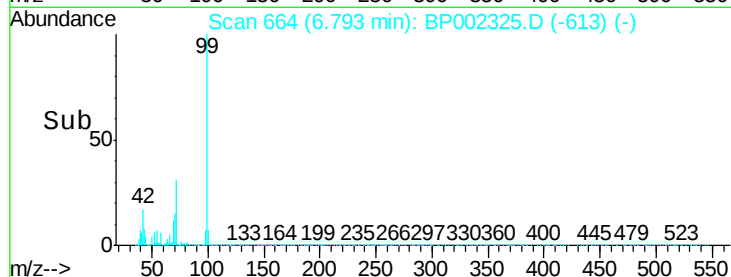
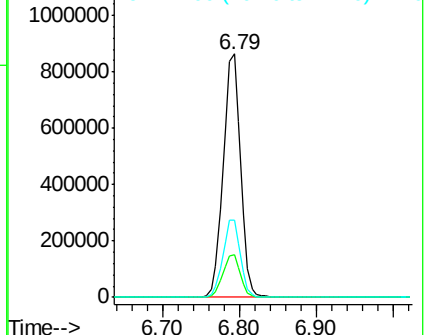


Abundance

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# 1274

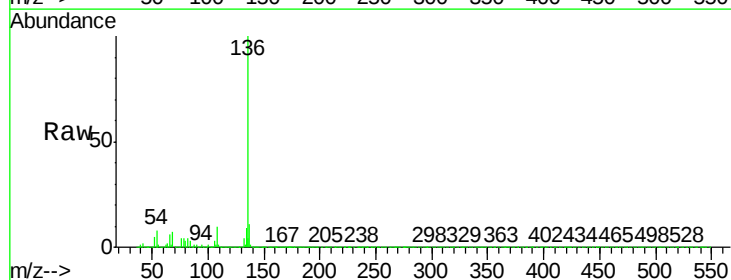
Delta R.T. -0.00 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

Tgt Ion: 136 Resp: 1450669

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.9	10.3
68	6.8	5.6	8.4



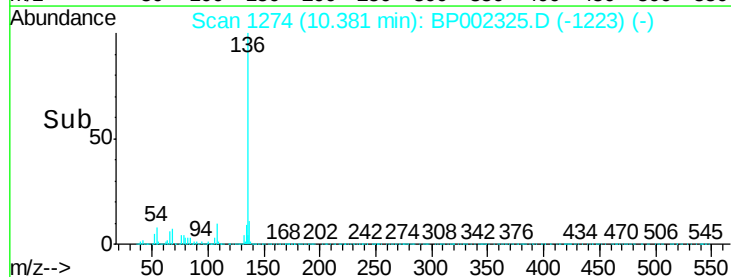
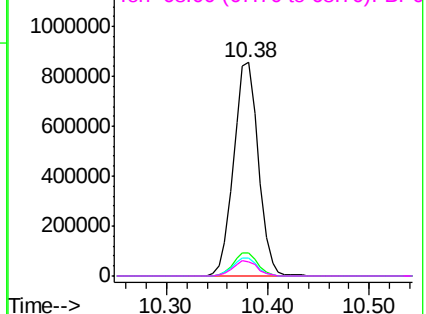
Abundance

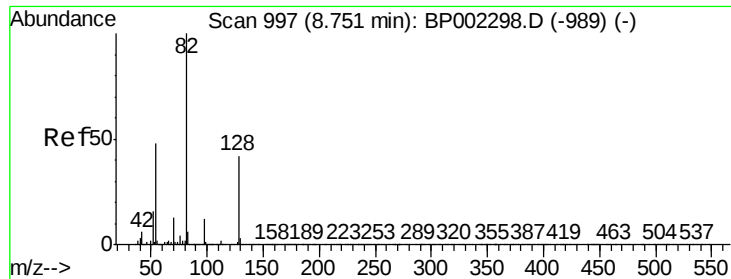
Ion 136.00 (135.70 to 136.70): E

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

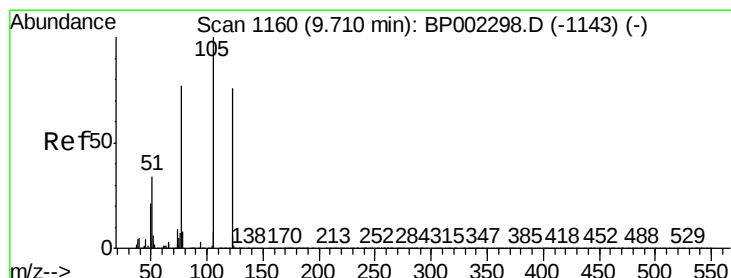
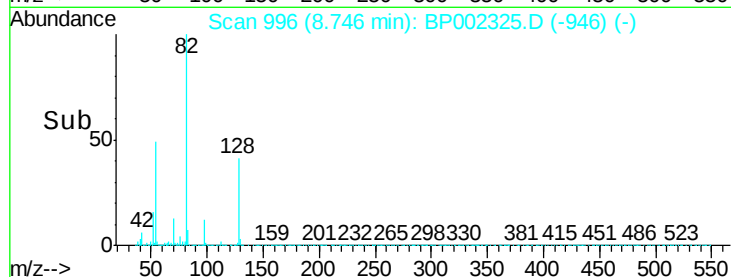
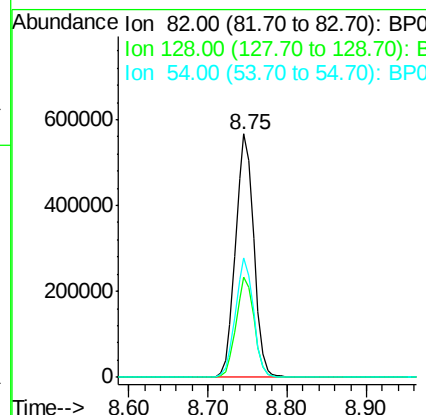
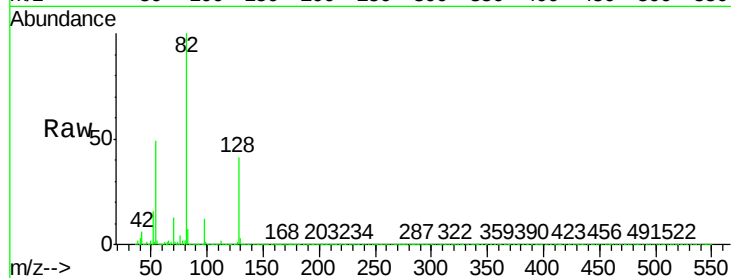




#23
 Nitrobenzene-d5
 Concen: 37.479 ng
 RT: 8.75 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BP002325.D
 Acq: 29 May 2020 20:52

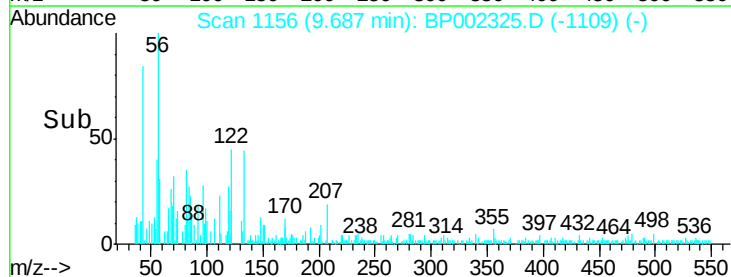
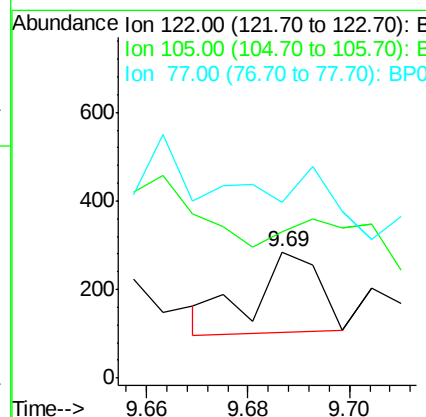
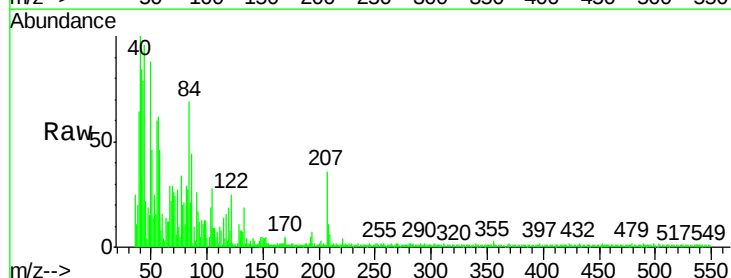
Instrument :
 BNA_P
 ClientSampleId :

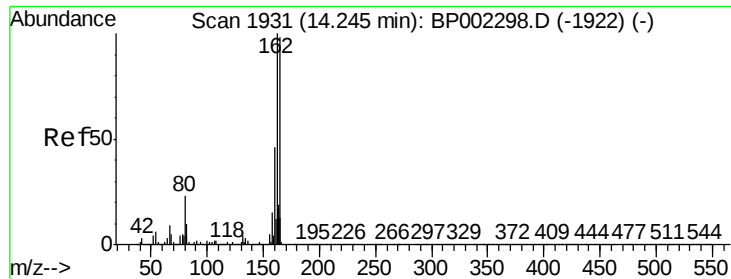
Tot Ion	82	Resp	904313
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.4	50.0
54	49.0	38.3	57.5



#32
 Benzoic acid
 Concen: 4.820 ng
 RT: 9.69 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BP002325.D
 Acq: 29 May 2020 20:52

Tgt Ion	122	Resp	159
Ion Ratio	Lower	Upper	
122	100		
105	115.8	102.7	142.7
77	139.3	74.8	114.8#

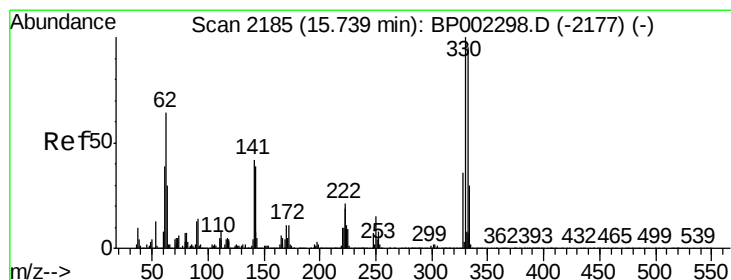
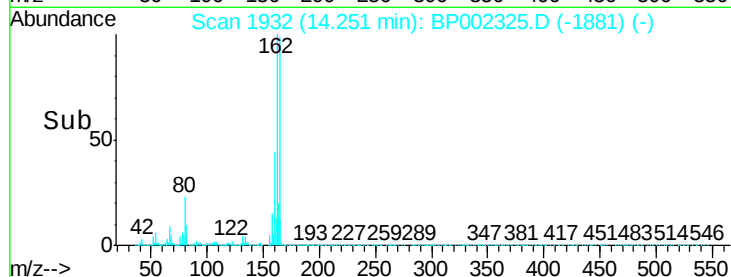
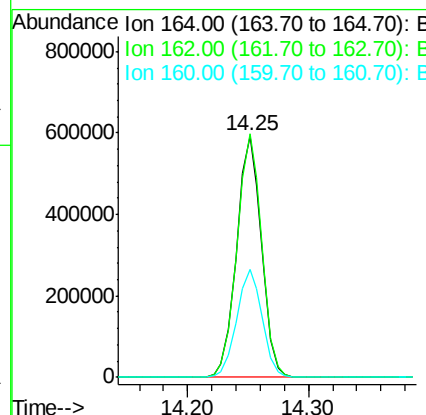
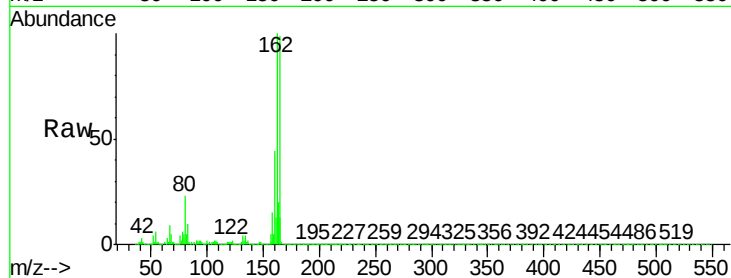




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

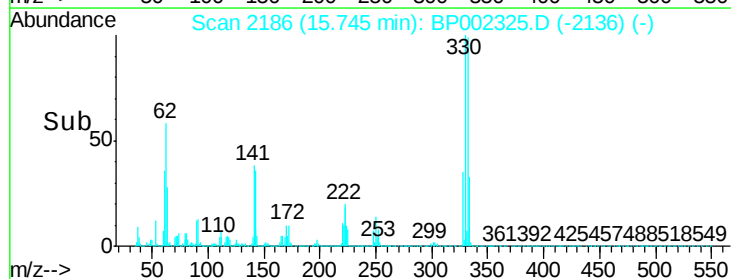
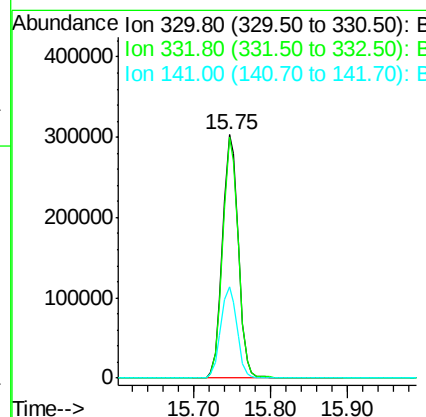
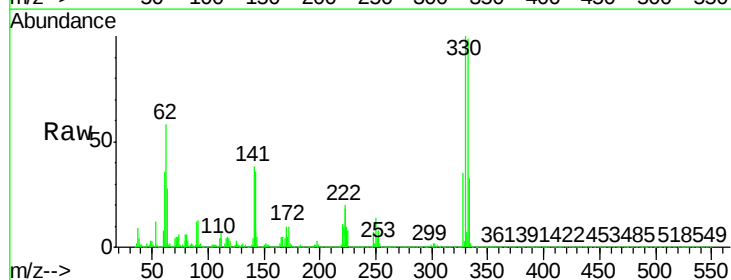
Instrument :
BNA_P
ClientSampleId :

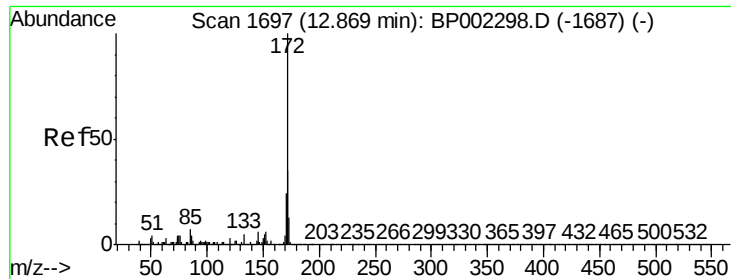
Tot Ion:164 Resp: 846420
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 53.538 ng
RT: 15.75 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion:330 Resp: 429482
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 38.2 31.4 47.2

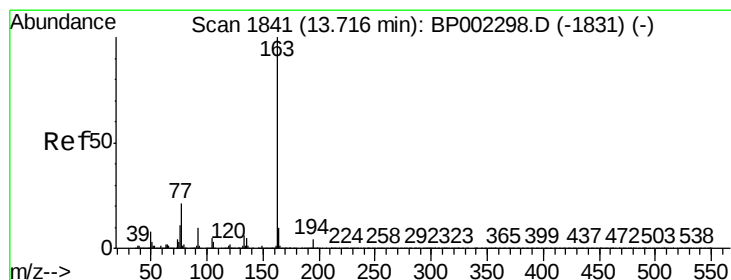
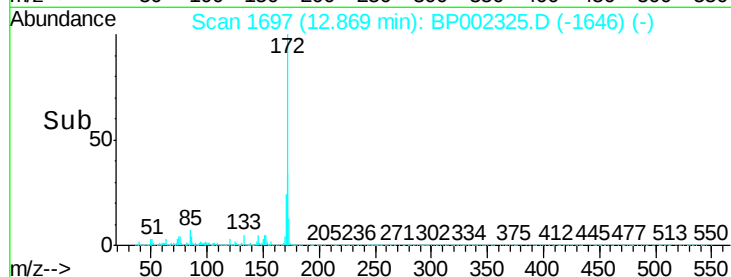
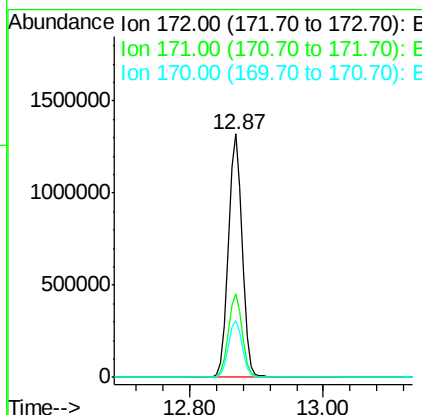
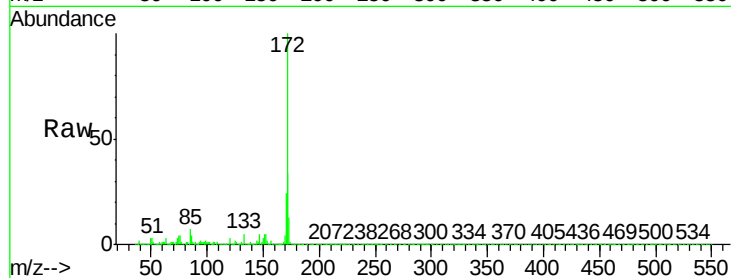




#45
2-Fluorobiphenyl
Concen: 40.393 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

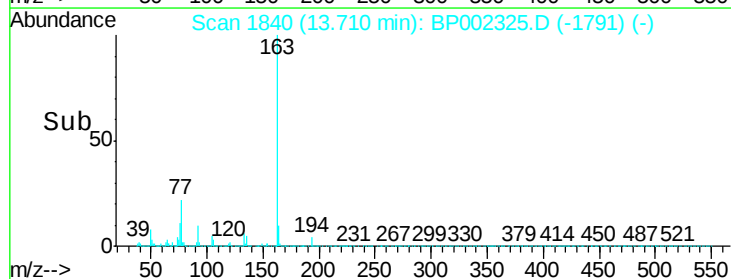
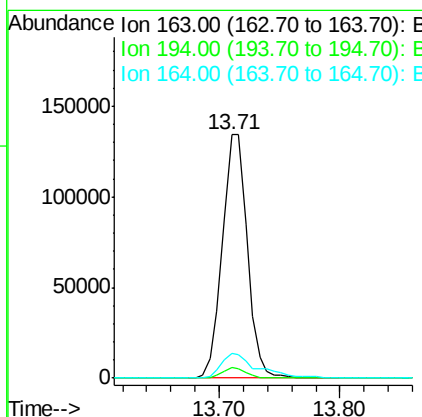
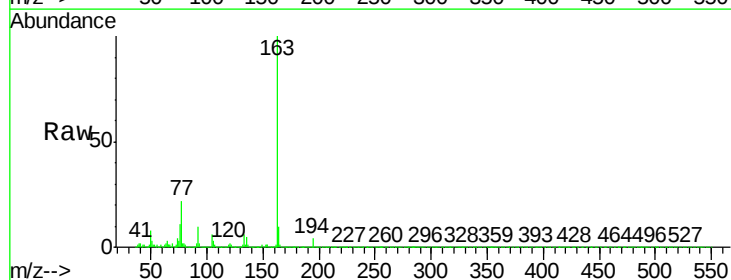
Instrument :
BNA_P
ClientSampleId :

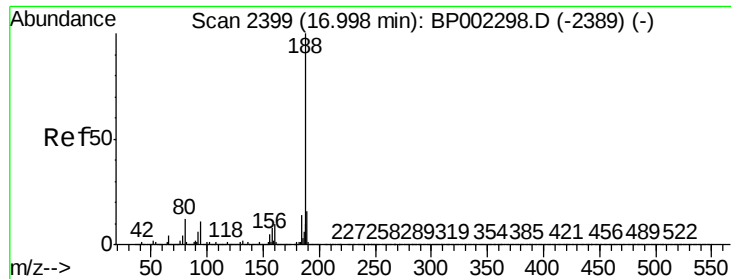
Tot Ion:172 Resp: 1937568
Ion Ratio Lower Upper
172 100
171 34.1 27.6 41.4
170 23.5 18.9 28.3



#50
Dimethylphthalate
Concen: 3.359 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion:163 Resp: 192426
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# 2400

Delta R.T. -0.01 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

Instrument :

BNA_P

ClientSampleId :

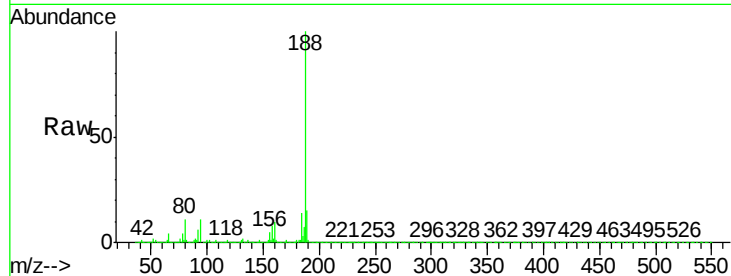
Tot Ion:188 Resp: 1733272

Ion Ratio Lower Upper

188 100

94 10.9 8.7 13.1

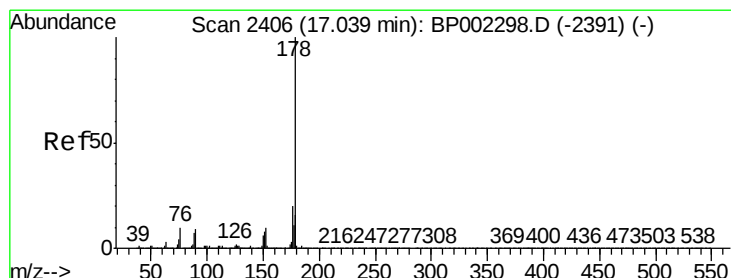
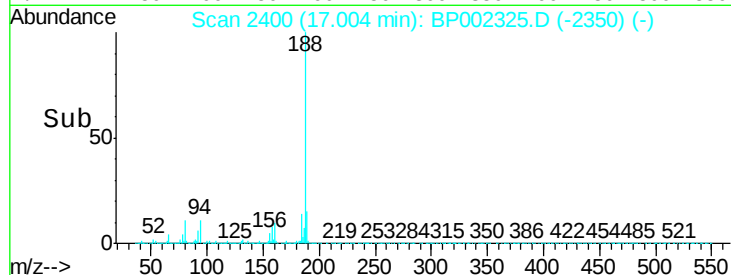
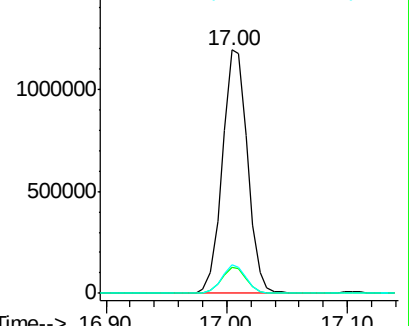
80 11.5 9.3 13.9



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: 2.295 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

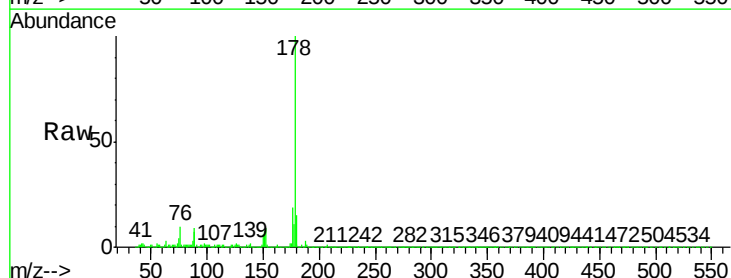
Tgt Ion:178 Resp: 188414

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

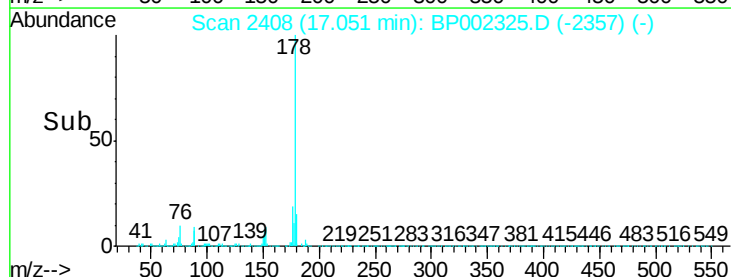
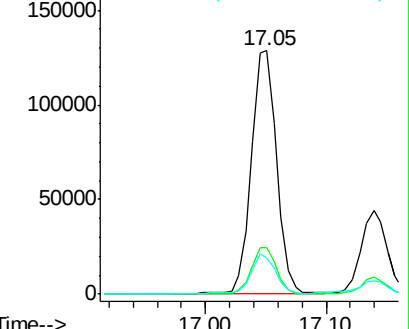
179 15.0 12.6 18.8

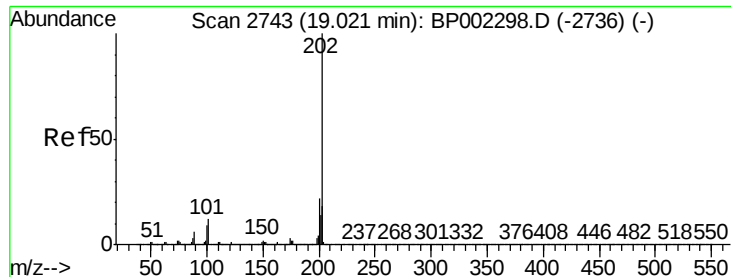


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 5.305 ng

RT: 19.03 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BP002325.D

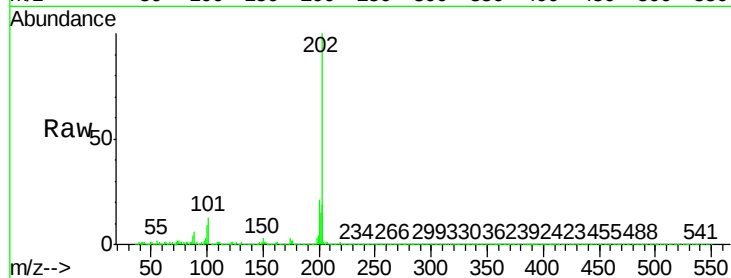
Acq: 29 May 2020 20:52

Instrument :

BNA_P

ClientSampleId :

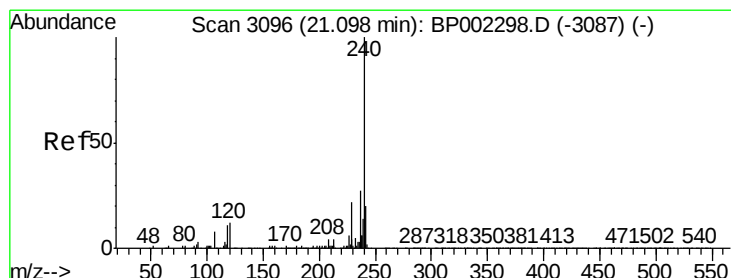
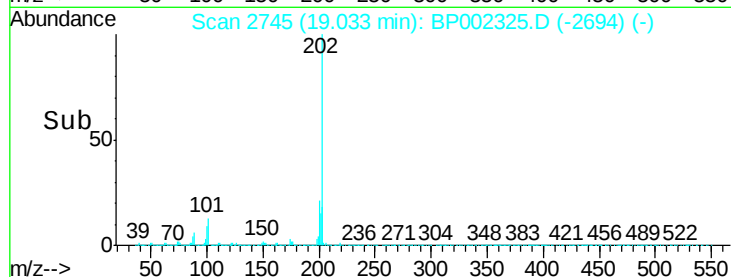
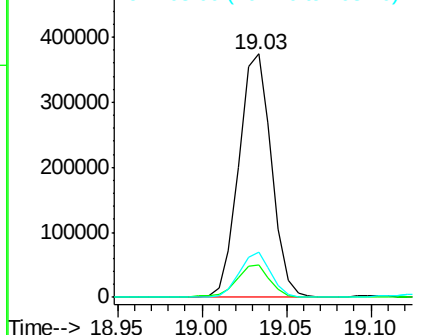
Tot Ion:	202	Resp:	501636
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.1
203	18.5	0.0	37.6



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

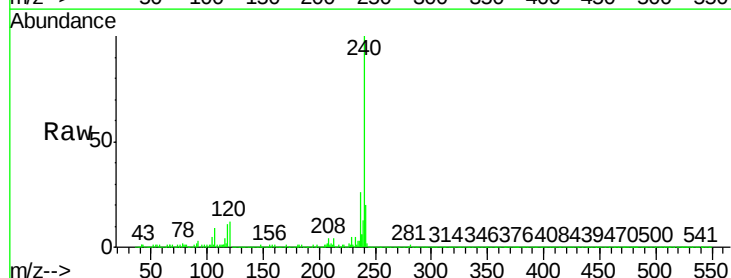
RT: 21.11 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

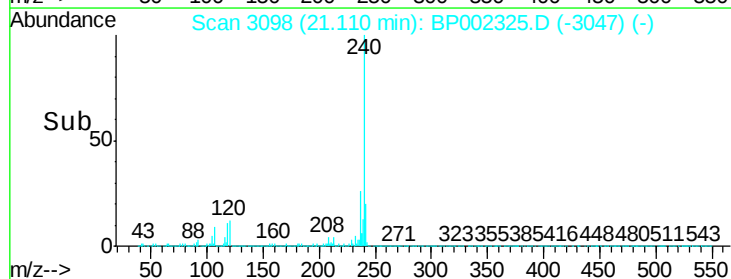
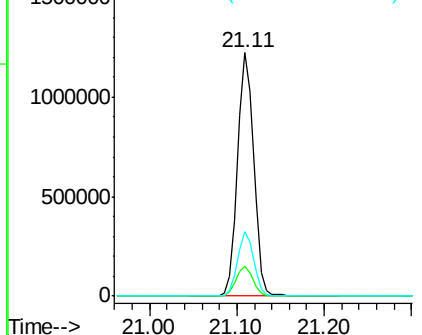
Tgt Ion:	240	Resp:	1527551
Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.7	13.1
236	26.3	21.0	31.4

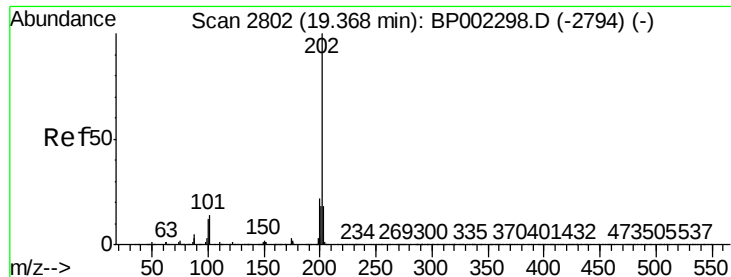


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 5.436 ng

RT: 19.38 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

Instrument :

BNA_P

ClientSampled :

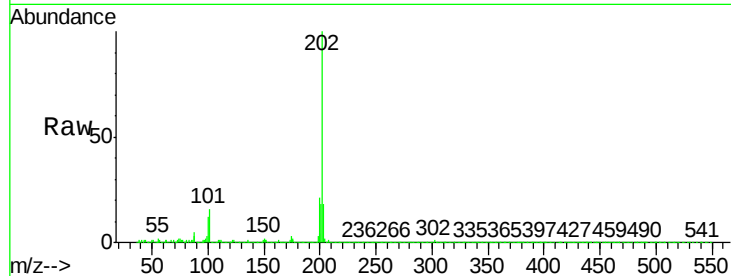
Tot Ion:202 Resp: 517084

Ion Ratio Lower Upper

202 100

200 20.7 17.3 25.9

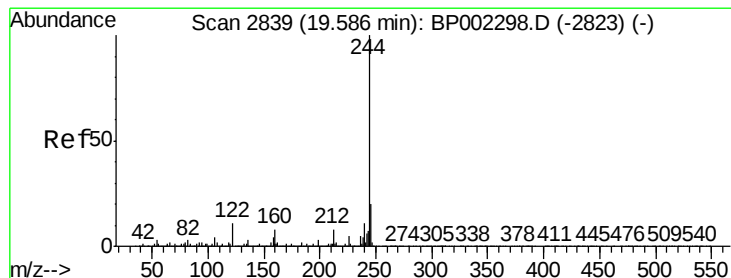
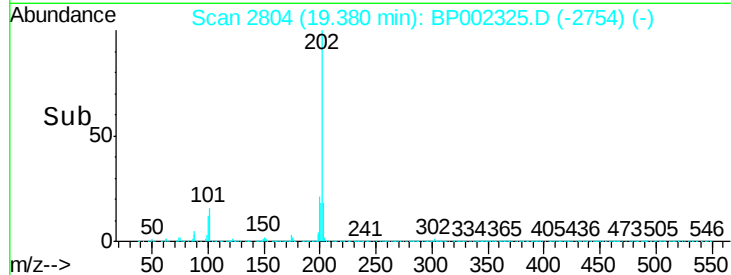
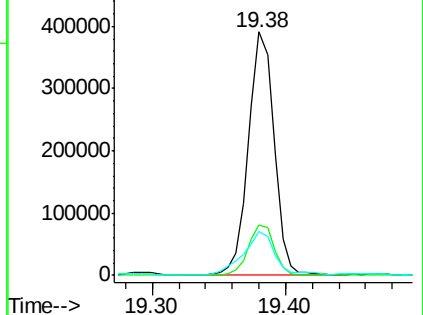
203 18.2 13.8 20.6



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: 40.706 ng

RT: 19.59 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

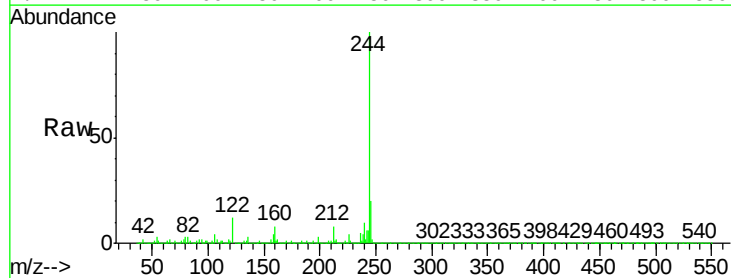
Tgt Ion:244 Resp: 2567611

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

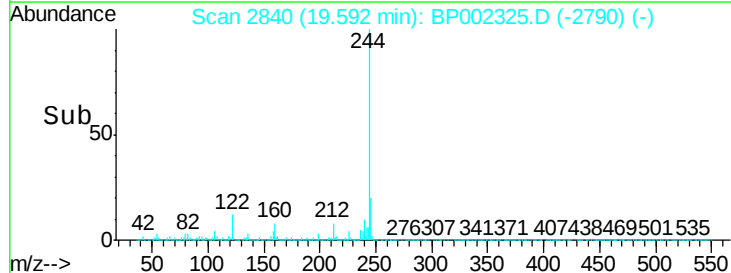
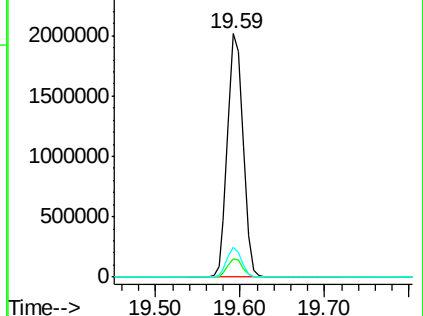
122 12.2 9.4 14.0

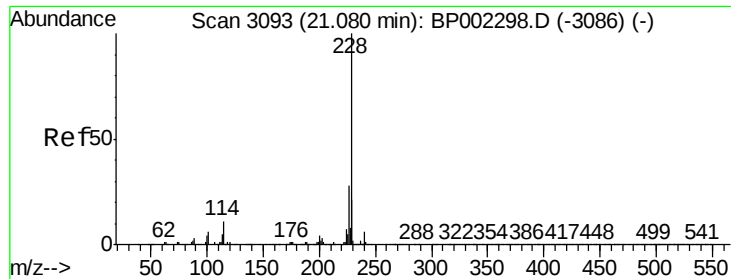


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 3.280 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BP002325.D

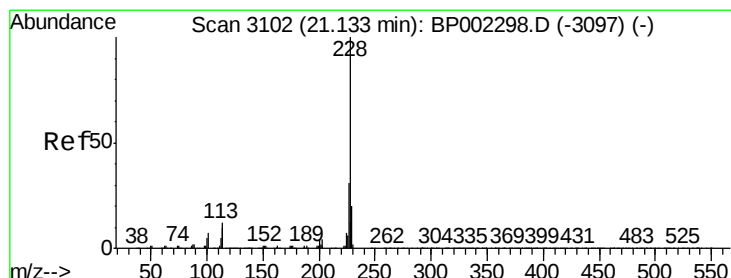
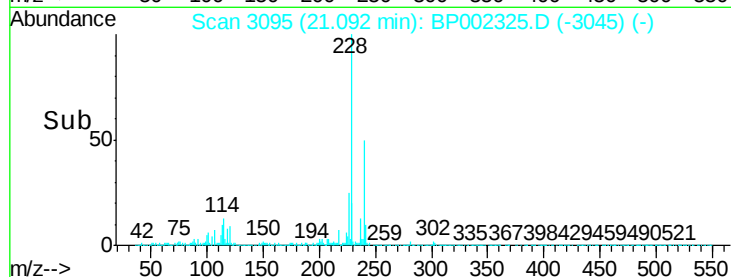
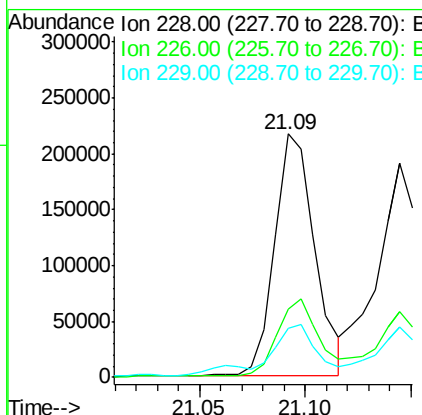
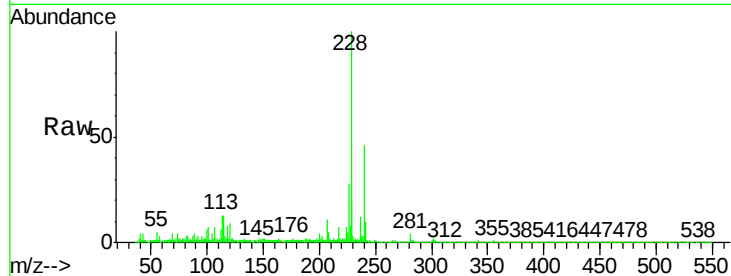
Acq: 29 May 2020 20:52

Instrument :

BNA_P

ClientSampled :

Tot	Ion:228	Resp:	286781
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.3	16.3	24.5



#83

Chrysene

Concen: 3.175 ng

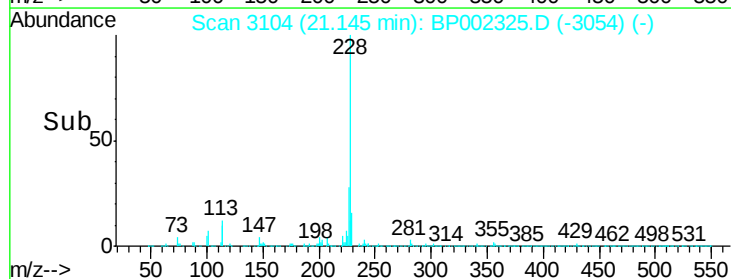
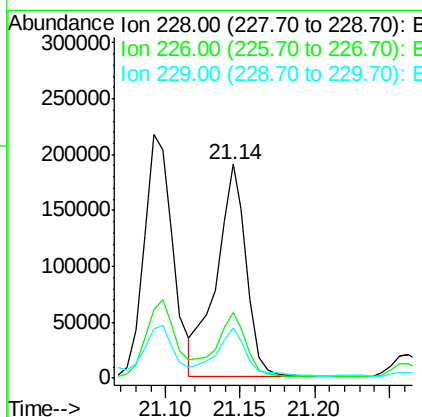
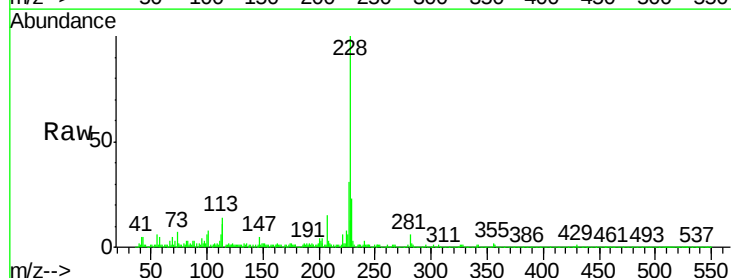
RT: 21.14 min Scan# 3104

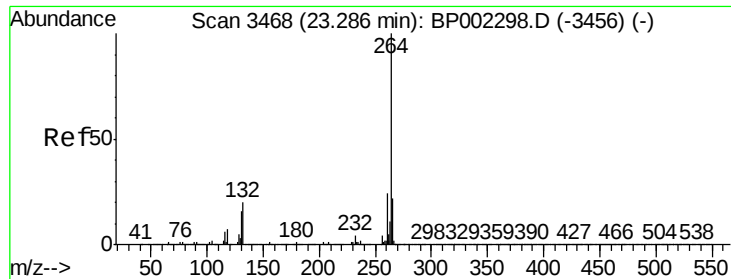
Delta R.T. -0.01 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

Tgt Ion	228	Resp: Lower	266424 Upper
	Ratio		
228	100		
226	30.8	25.0	37.6
229	23.2	16.2	24.4



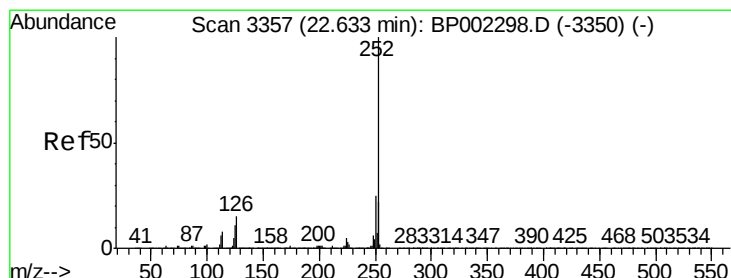
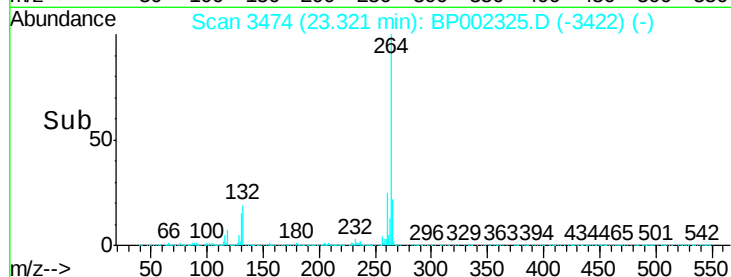
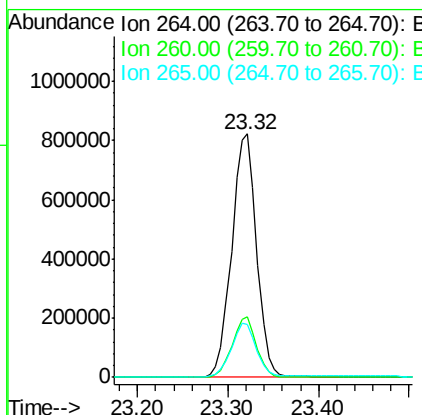
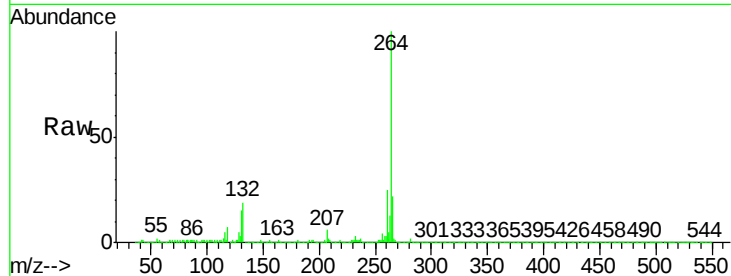


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1569115

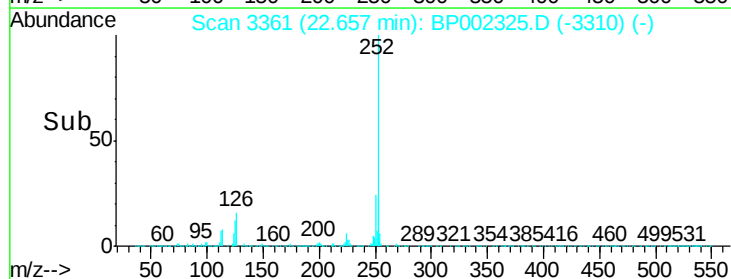
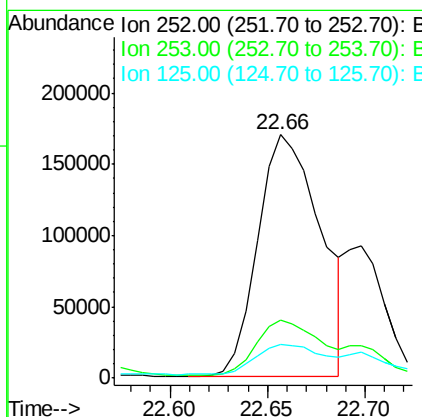
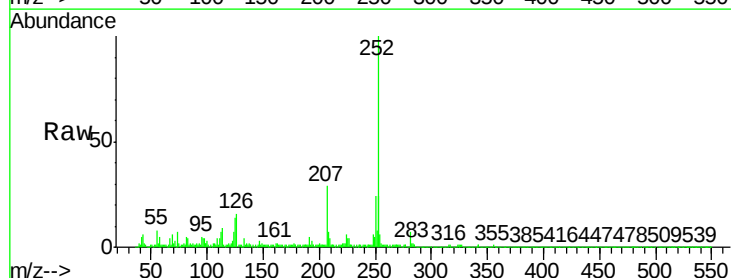
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.7	17.8	26.6

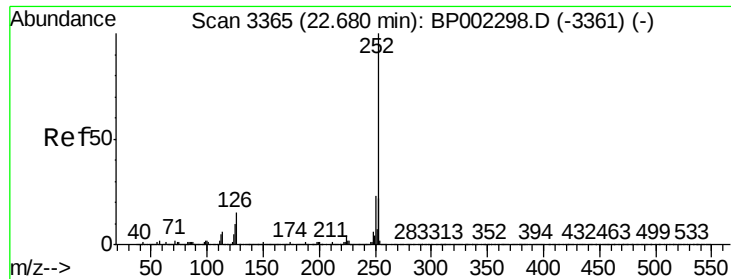


#88
Benzo(b)fluoranthene
Concen: 4.429 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BP002325.D
Acq: 29 May 2020 20:52

Tgt Ion:252 Resp: 378855

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	13.7	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 4.615 ng

RT: 22.66 min Scan# 3361

Delta R.T. -0.05 min

Lab File: BP002325.D

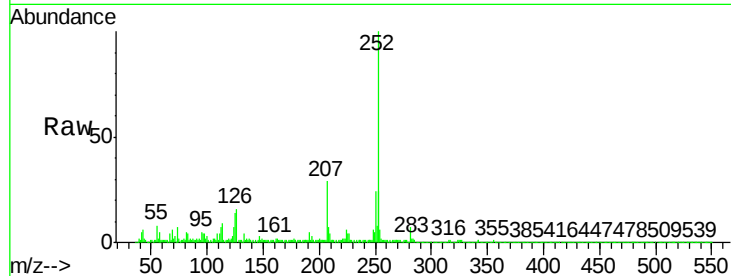
Acq: 29 May 2020 20:52

Instrument :

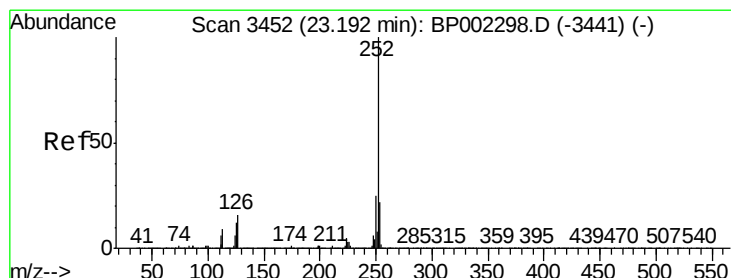
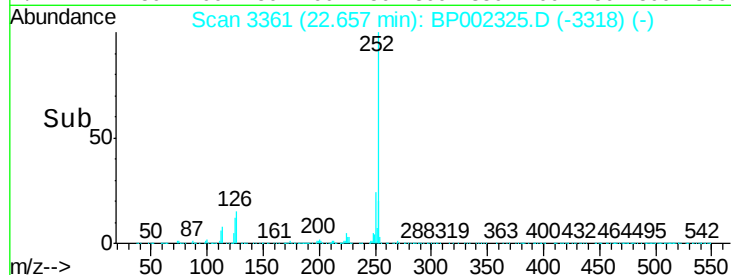
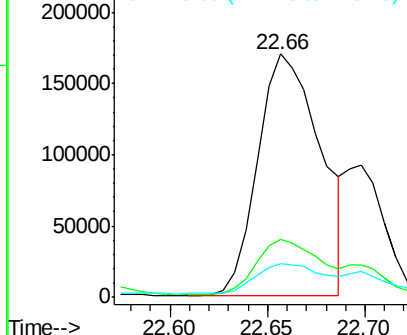
BNA_P

ClientSampleId :

Tot Ion:	252	Resp:	378855
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.9	26.9
125	13.7	7.4	11.2#



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



#90

Benzo(a)pyrene

Concen: 3.511 ng

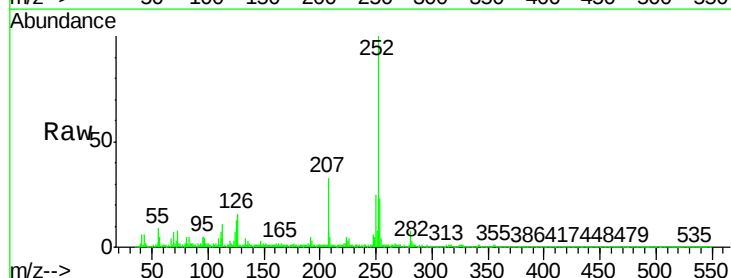
RT: 23.22 min Scan# 3457

Delta R.T. -0.00 min

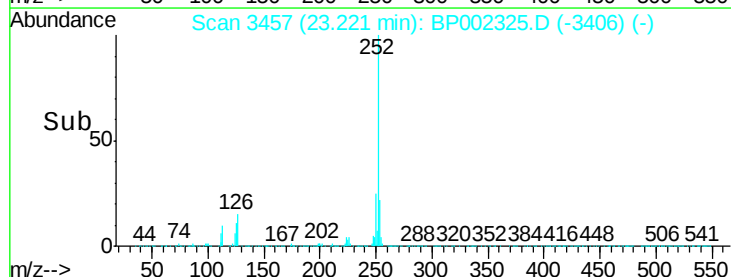
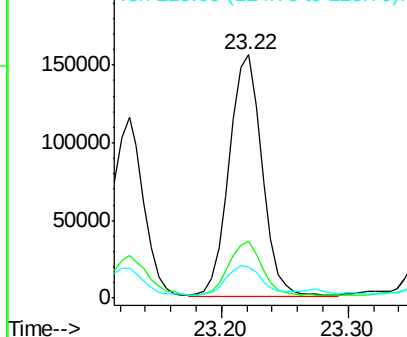
Lab File: BP002325.D

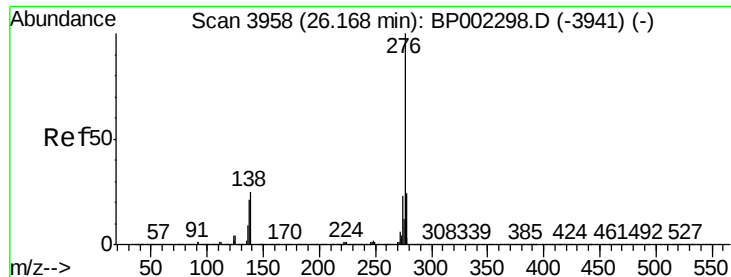
Acq: 29 May 2020 20:52

Tgt Ion:	252	Resp:	278625
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	12.6	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(a,h,i)perylene

Concen: 2.446 ng

RT: 26.21 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BP002325.D

Acq: 29 May 2020 20:52

Instrument :

BNA_P

ClientSampleId :

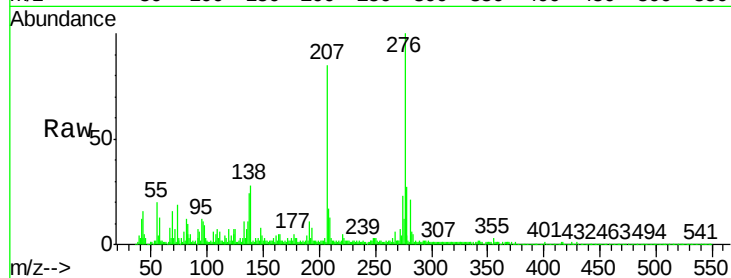
Tot Ion:276 Resp: 197564

Ion Ratio Lower Upper

276 100

277 27.2 18.6 28.0

138 27.8 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

