

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002336.D
 Acq On : 01 Jun 2020 13:29
 Operator : CG/JU
 Sample : L2773-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 01 14:46:24 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	389300	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1579158	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	936219	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1957070	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1823836	20.00	ng	0.00
86) Perylene-d12	23.32	264	1872440	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1336156	64.46	ng	0.00
7) Phenol-d6	6.79	99	1958090	69.44	ng	0.00
23) Nitrobenzene-d5	8.75	82	1328010	50.56	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	660923	74.49	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2783140	52.46	ng	0.00
79) Terphenyl-d14	19.60	244	3790426	50.33	ng	0.00

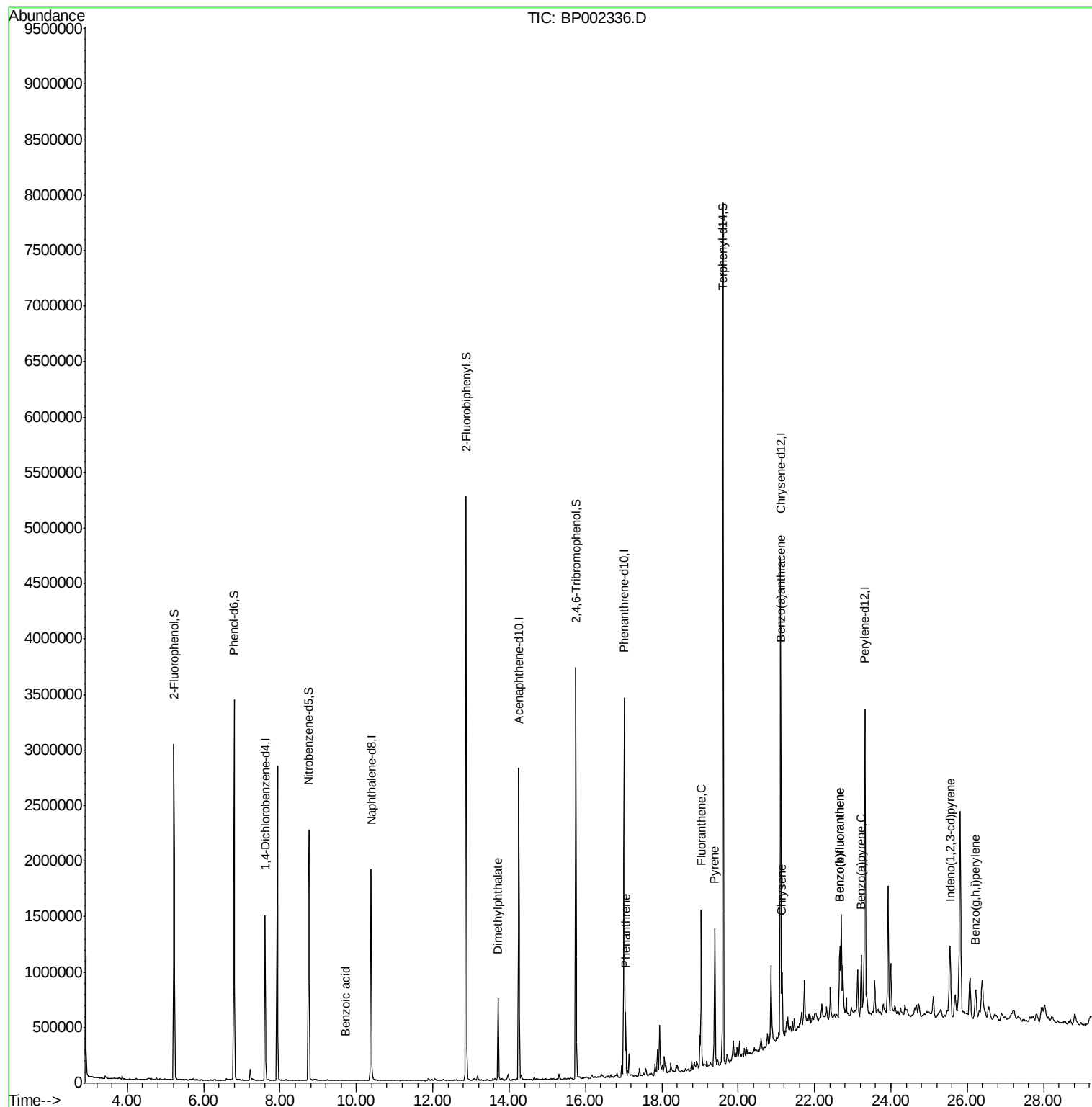
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	9.71	122	299	4.827	ng	# 57
50) Dimethylphthalate	13.72	163	478052	7.544	ng	99
71) Phenanthrene	17.05	178	332604	3.588	ng	99
75) Fluoranthene	19.03	202	743005	6.959	ng	99
78) Pyrene	19.39	202	710635	6.257	ng	98
81) Benzo(a)anthracene	21.10	228	399895	3.830	ng	99
83) Chrysene	21.15	228	358907	3.582	ng	97
87) Indeno(1,2,3-cd)pyrene	25.54	276	270238	2.332	ng	97
88) Benzo(b)fluoranthene	22.66	252	515510	5.050	ng	# 97
89) Benzo(k)fluoranthene	22.66	252	515510	5.262	ng	# 97
90) Benzo(a)pyrene	23.22	252	390438	4.123	ng	# 97
92) Benzo(a,h,i)perylene	26.22	276	286025	2.967	ng	# 94

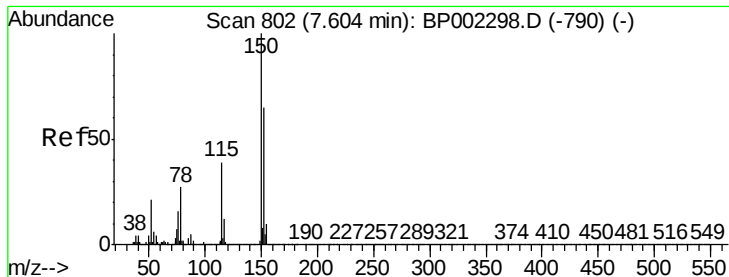
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002336.D
Acq On : 01 Jun 2020 13:29
Operator : CG/JU
Sample : L2773-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jun 01 14:46:24 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



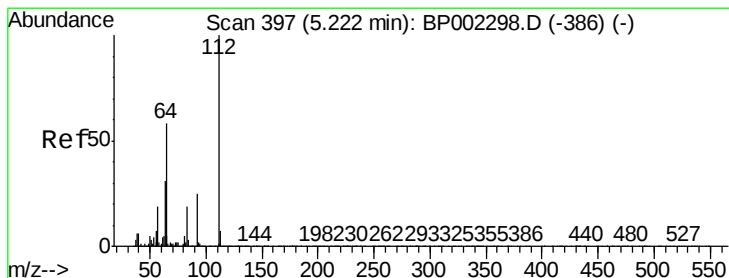
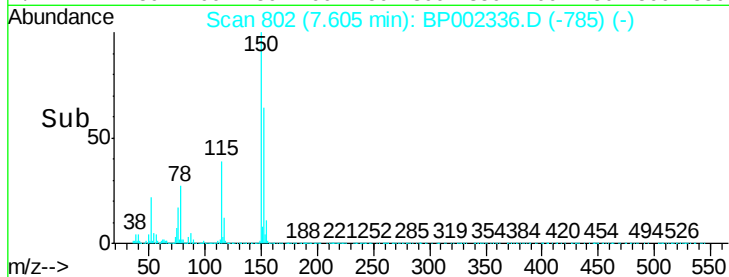
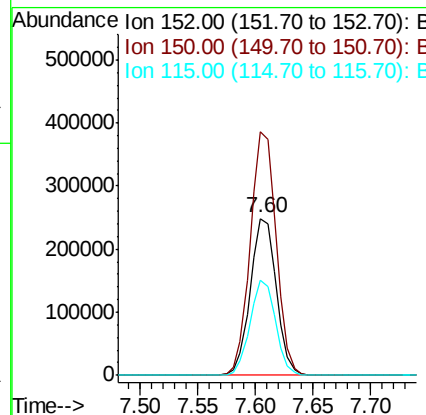
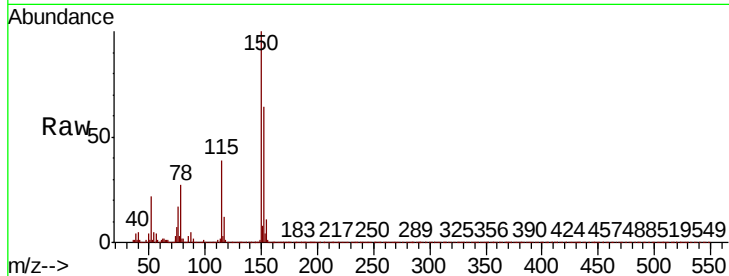


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampled :

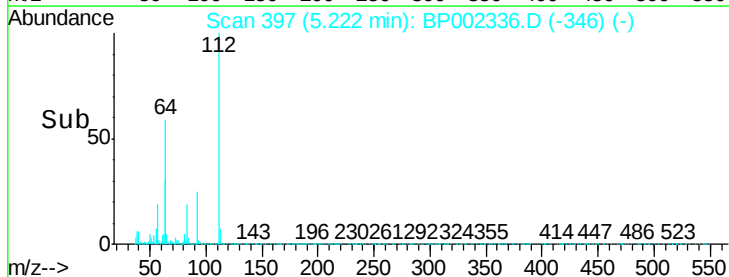
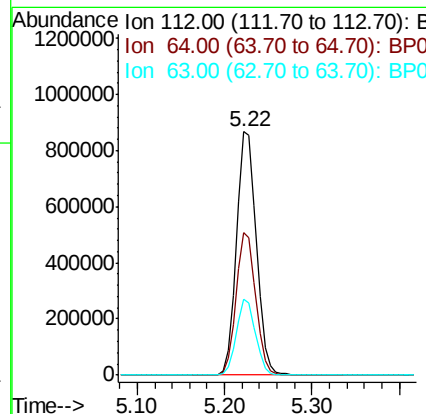
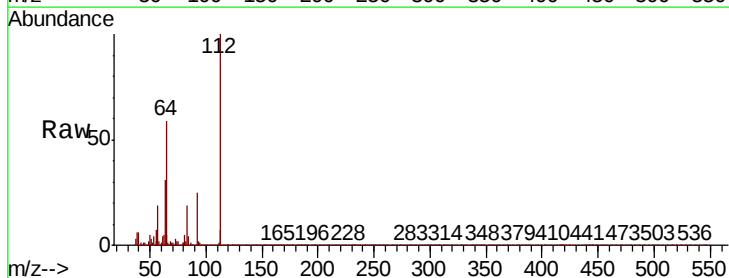
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	61.0	49.4	74.2

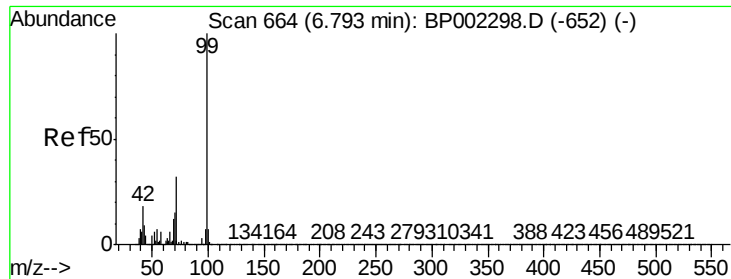


#5

2-Fluorophenol
Concen: 64.461 ng
RT: 5.22 min Scan# 397
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.0	70.4
63	31.0	24.0	36.0





#7

Phenol-d6

Concen: 69.443 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002336.D

Acq: 01 Jun 2020 13:29

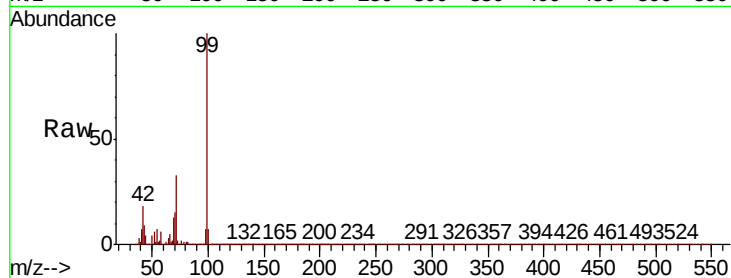
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1958090

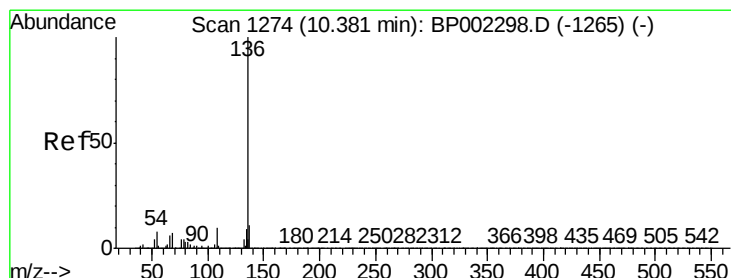
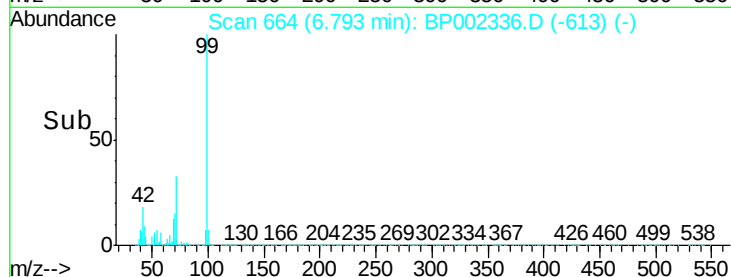
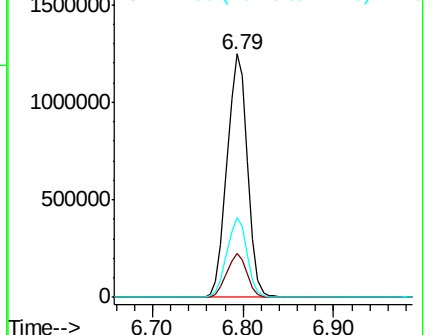
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.9	20.9
71	32.9	25.8	38.8



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: BP002336.D

Acq: 01 Jun 2020 13:29

Tgt Ion: 136 Resp: 1579158

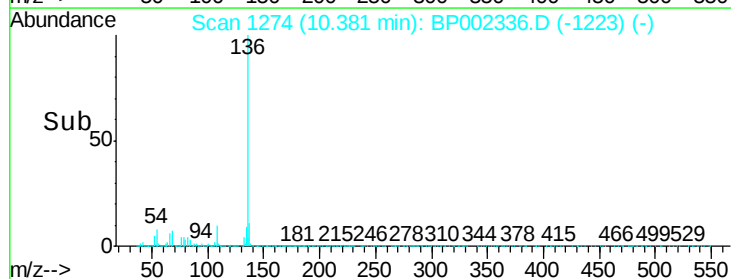
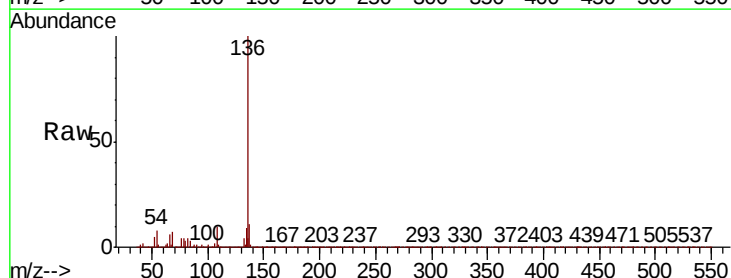
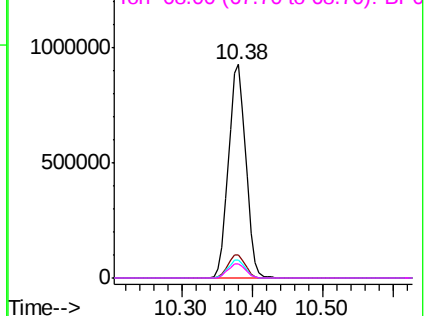
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	6.9	10.3
68	6.8	5.6	8.4

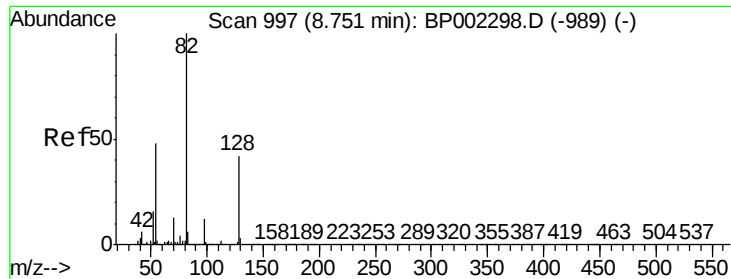
Abundance Ion 136.00 (135.70 to 136.70): E

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

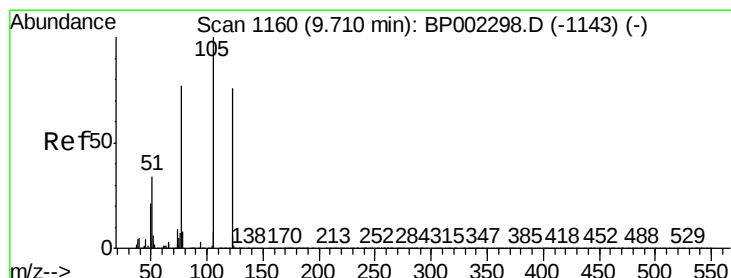
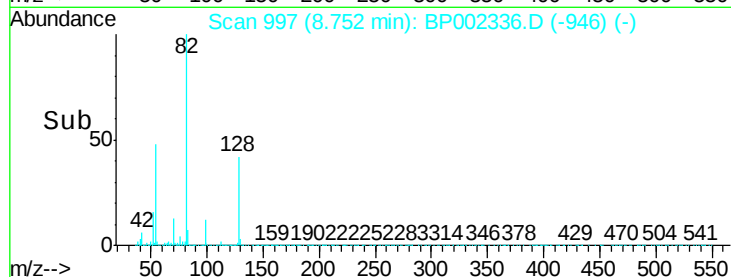
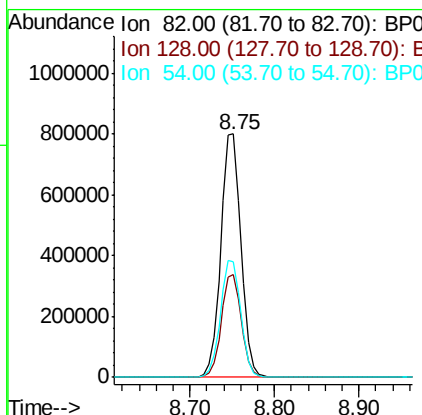
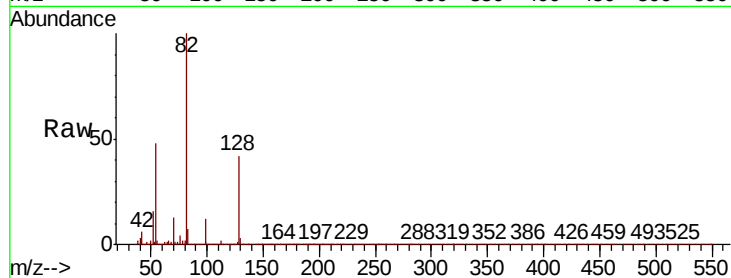




#23
 Nitrobenzene-d5
 Concen: 50.561 ng
 RT: 8.75 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BP002336.D
 Acq: 01 Jun 2020 13:29

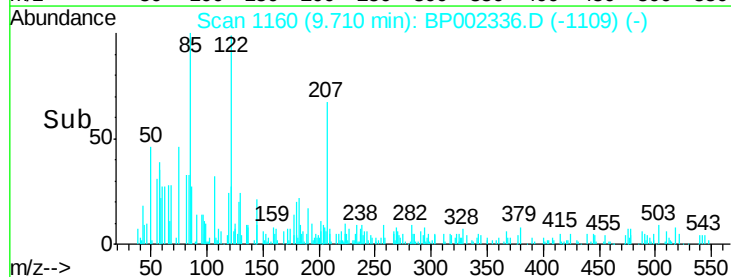
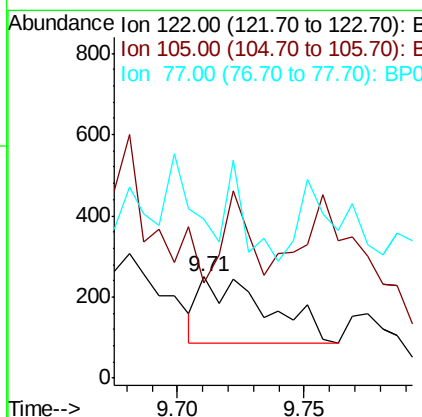
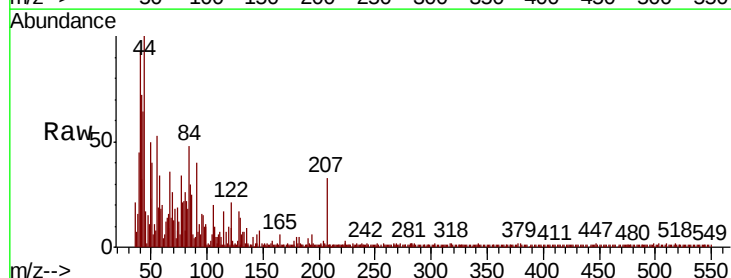
Instrument :
 BNA_P
 ClientSampled :

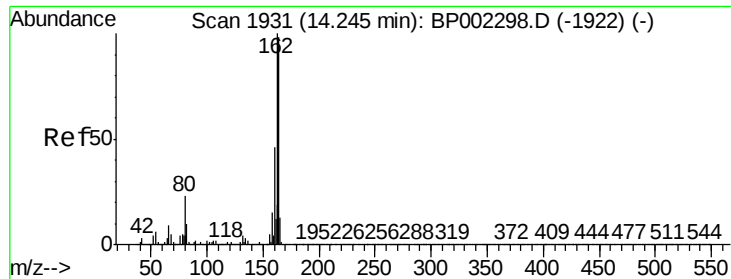
Tot Ion: 82 Resp: 1328010
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.4 50.0
 54 47.7 38.3 57.5



#32
 Benzoic acid
 Concen: 4.827 ng
 RT: 9.71 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BP002336.D
 Acq: 01 Jun 2020 13:29

Tgt Ion: 122 Resp: 299
 Ion Ratio Lower Upper
 122 100
 105 94.4 102.7 142.7#
 77 157.8 74.8 114.8#

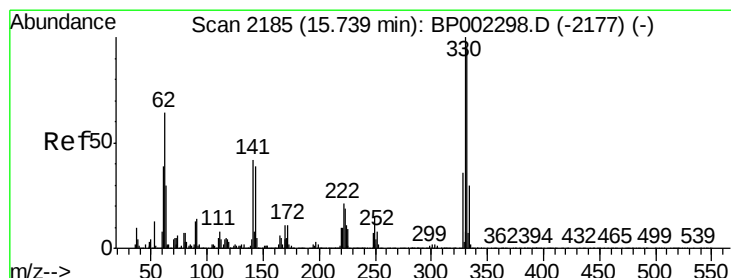
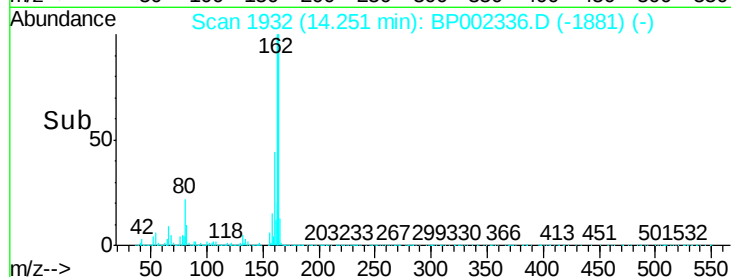
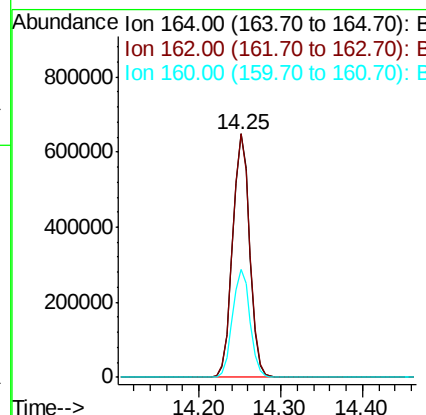
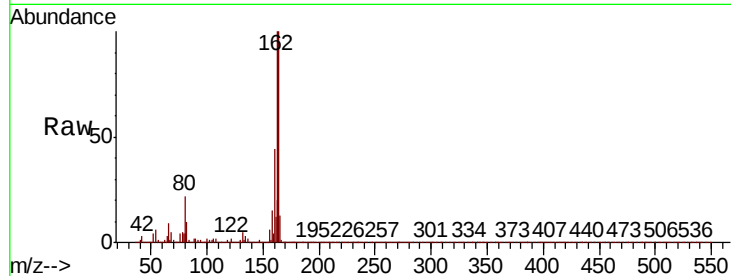




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

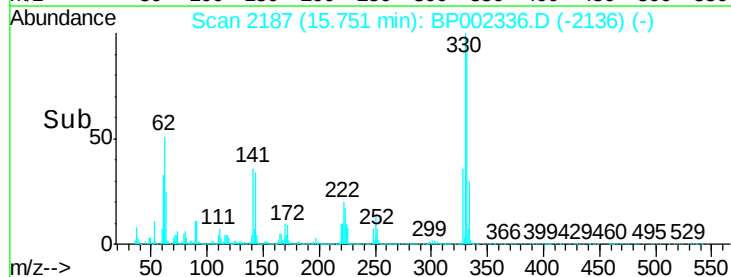
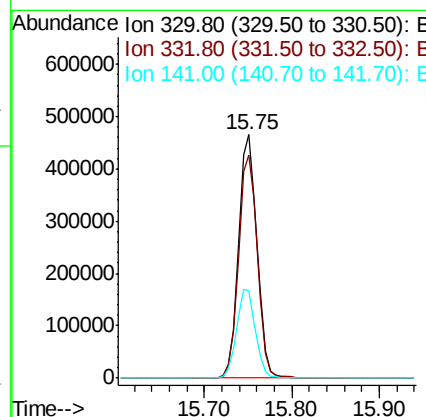
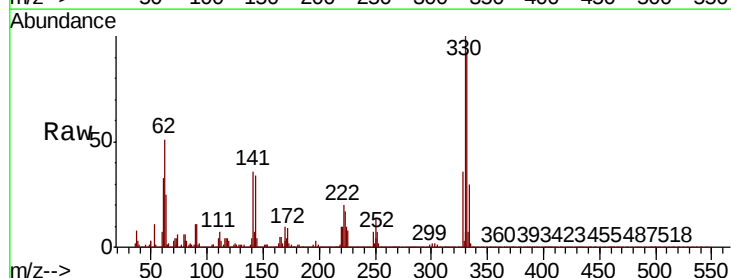
Instrument :
BNA_P
ClientSampleId :

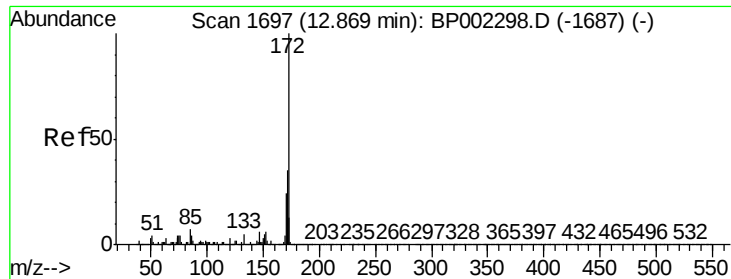
Tot Ion:164 Resp: 936219
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 74.486 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion:330 Resp: 660923
Ion Ratio Lower Upper
330 100
332 93.4 76.9 115.3
141 37.4 31.4 47.2

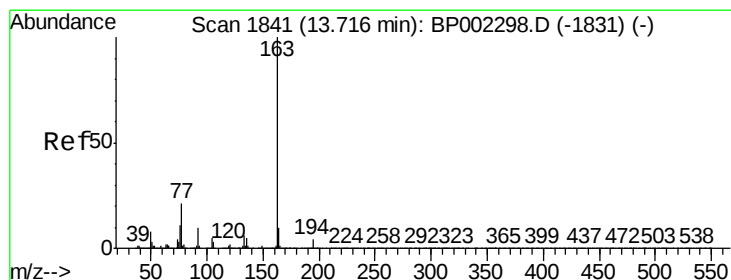
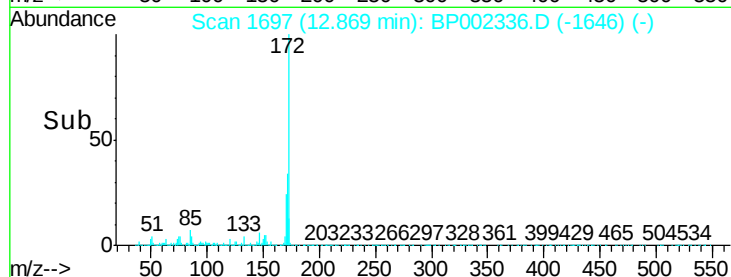
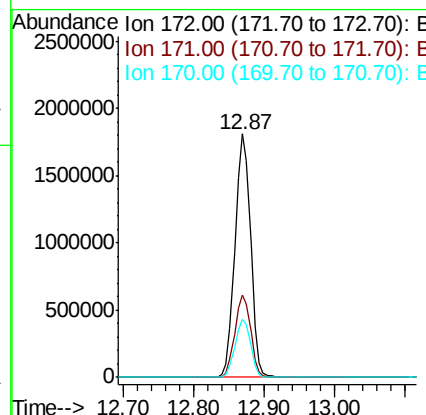
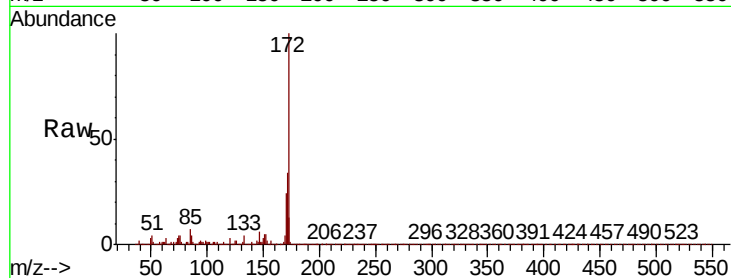




#45
2-Fluorobiphenyl
Concen: 52.455 ng
RT: 12.87 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

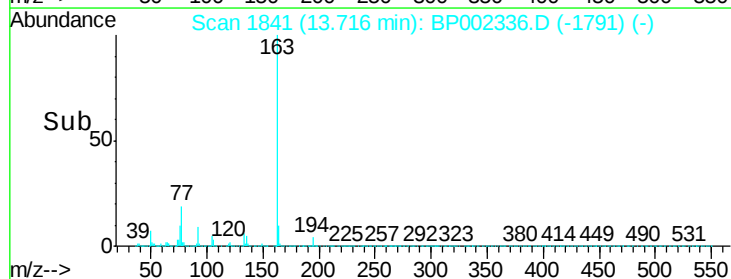
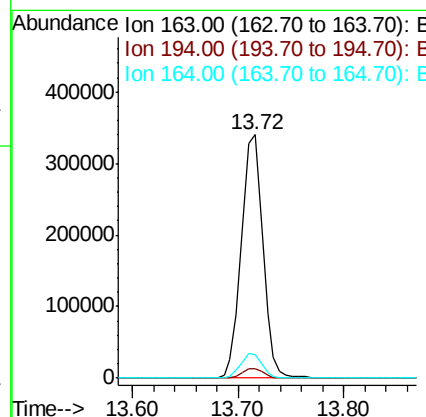
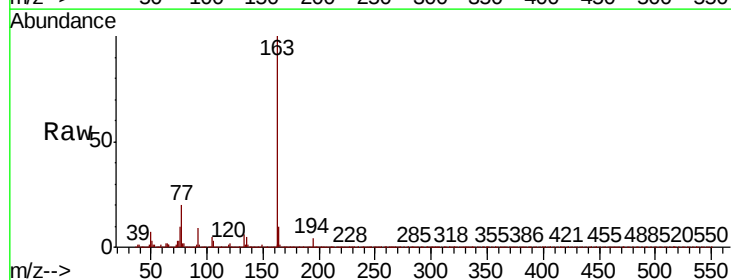
Instrument :
BNA_P
ClientSampleId :

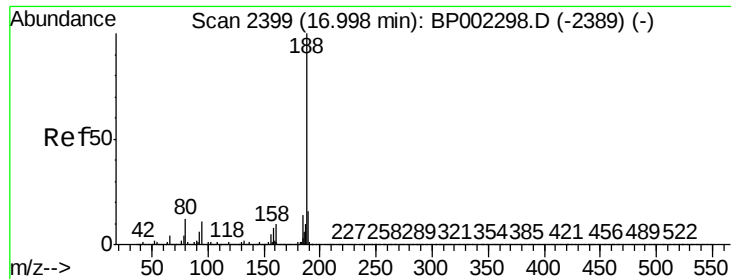
Tot Ion:172 Resp: 2783140
Ion Ratio Lower Upper
172 100
171 34.0 27.6 41.4
170 23.9 18.9 28.3



#50
Dimethylphthalate
Concen: 7.544 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion:163 Resp: 478052
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.5 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: BP002336.D

Acq: 01 Jun 2020 13:29

Instrument :

BNA_P

ClientSampleId :

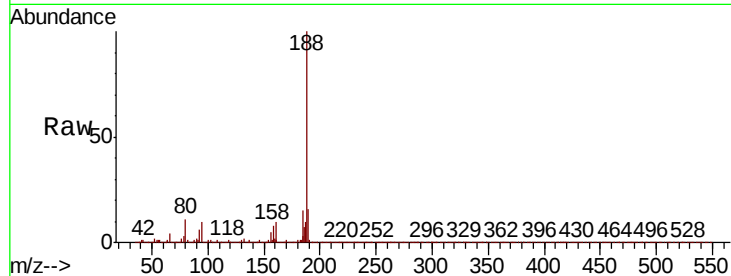
Tot Ion:188 Resp: 1957070

Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

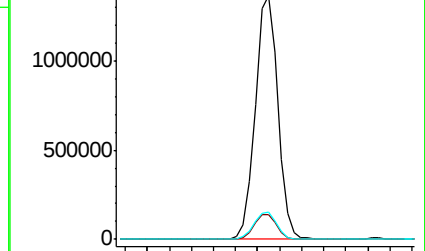
80 11.0 9.3 13.9



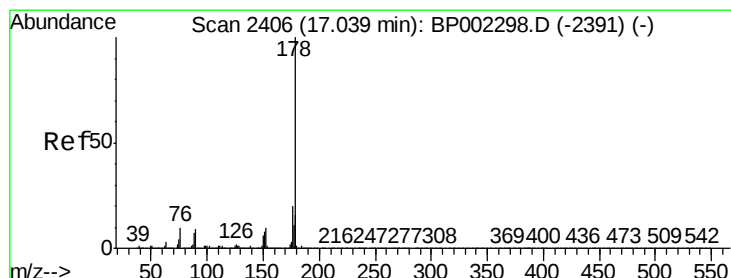
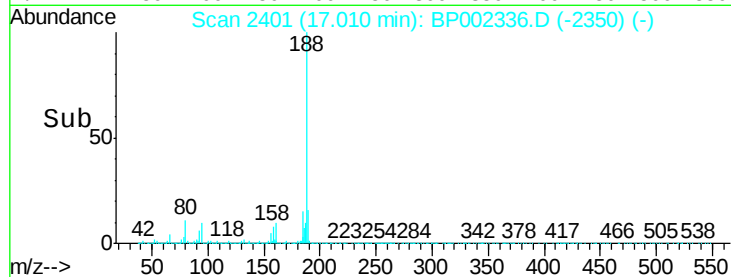
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



Time-->



#71

Phenanthrene

Concen: 3.588 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BP002336.D

Acq: 01 Jun 2020 13:29

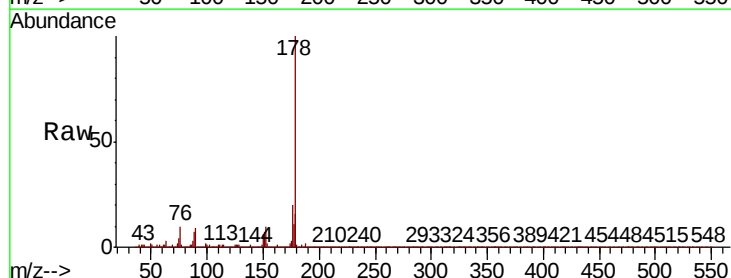
Tgt Ion:178 Resp: 332604

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

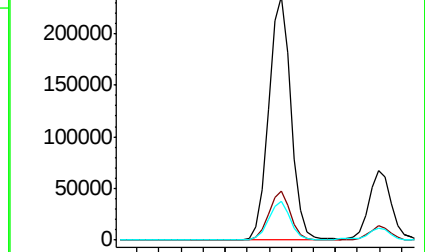
179 16.1 12.6 18.8



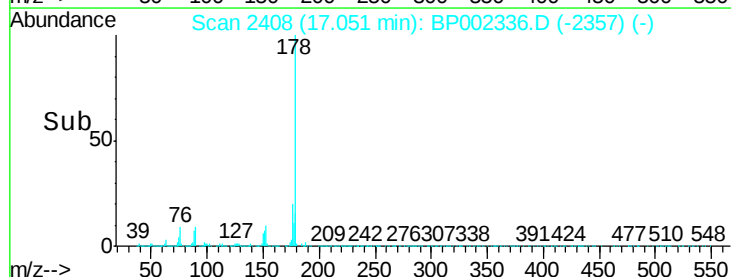
Abundance Ion 178.00 (177.70 to 178.70): E

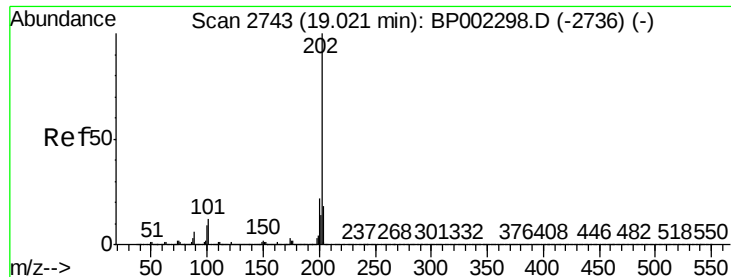
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#75

Fluoranthene

Concen: 6.959 ng

RT: 19.03 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BP002336.D

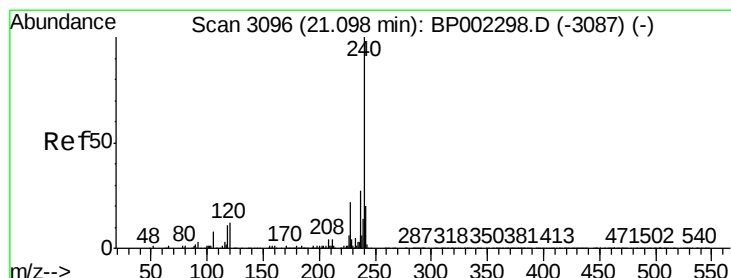
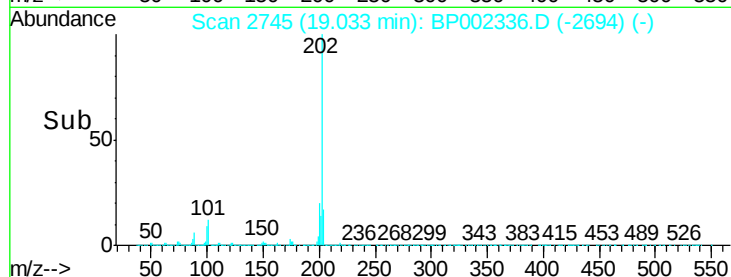
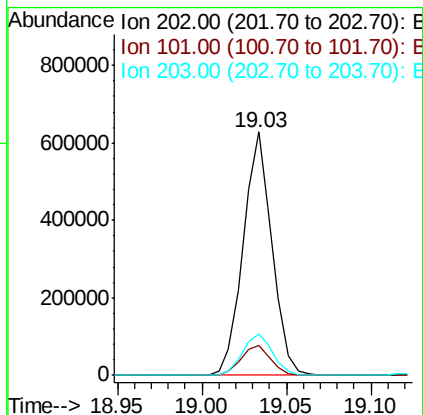
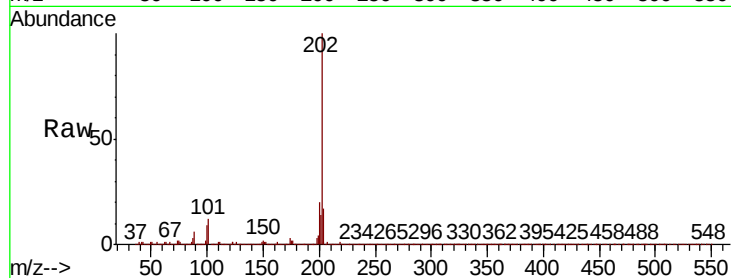
Acq: 01 Jun 2020 13:29

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	743005
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.1
203	16.9	0.0	37.6



#76

Chrysene-d12

Concen: 20.000 ng

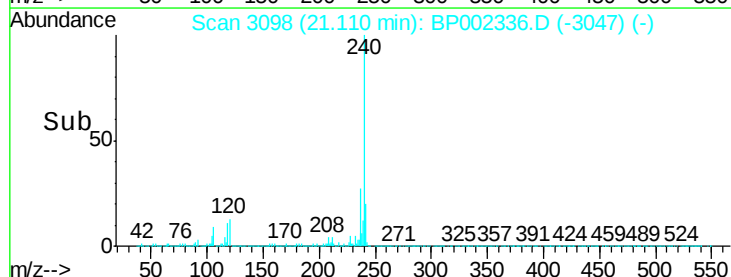
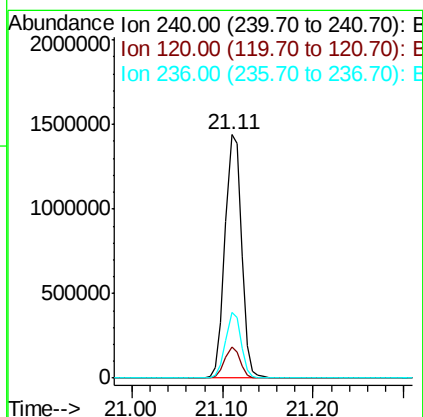
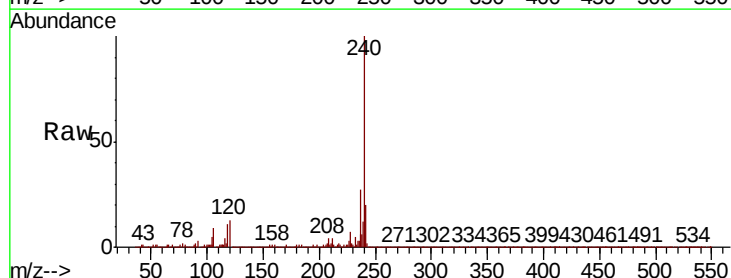
RT: 21.11 min Scan# 3098

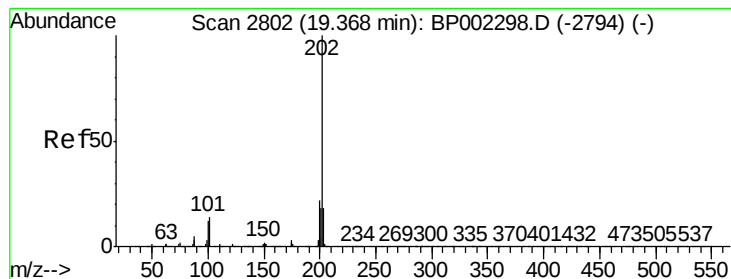
Delta R.T. -0.00 min

Lab File: BP002336.D

Acq: 01 Jun 2020 13:29

Tgt Ion:	240	Resp:	1823836
Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.7	13.1
236	27.1	21.0	31.4





#78

Pvrene

Concen: 6.257 ng

RT: 19.39 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BP002336.D

Acq: 01 Jun 2020 13:29

Instrument :

BNA_P

ClientSampleId :

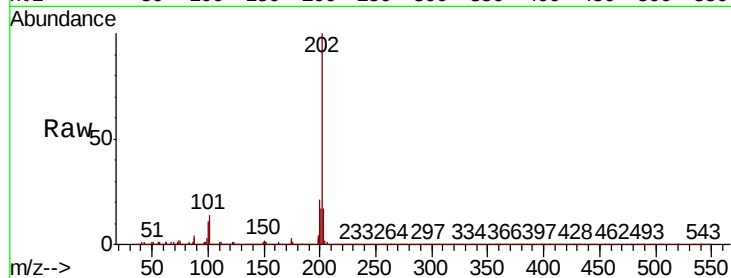
Tot Ion:202 Resp: 710635

Ion Ratio Lower Upper

202 100

200 20.7 17.3 25.9

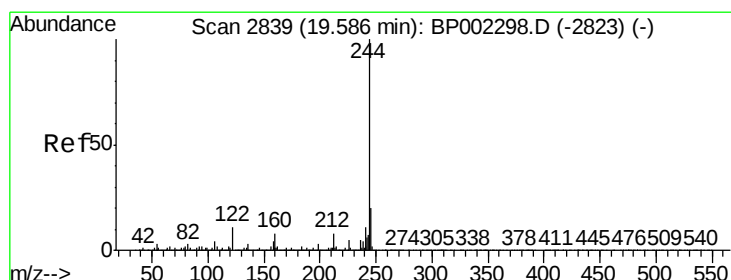
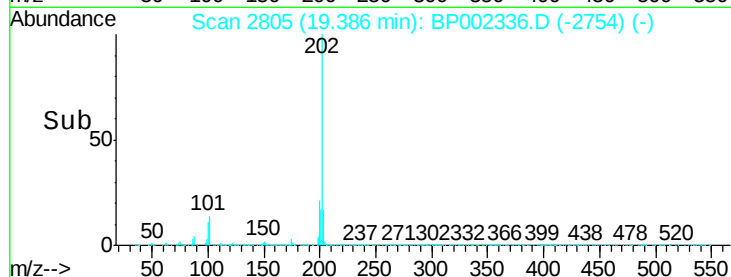
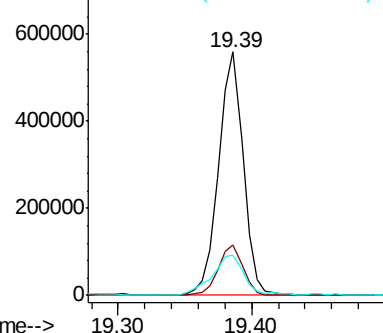
203 16.7 13.8 20.6



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: 50.330 ng

RT: 19.60 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BP002336.D

Acq: 01 Jun 2020 13:29

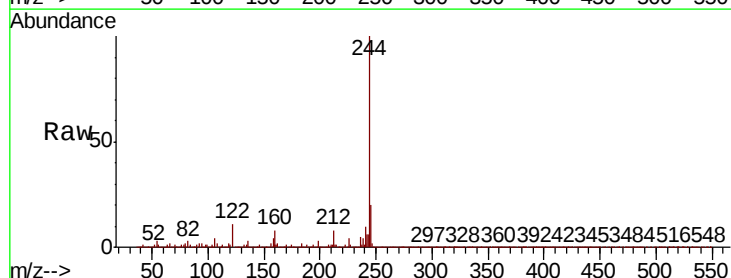
Tgt Ion:244 Resp: 3790426

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

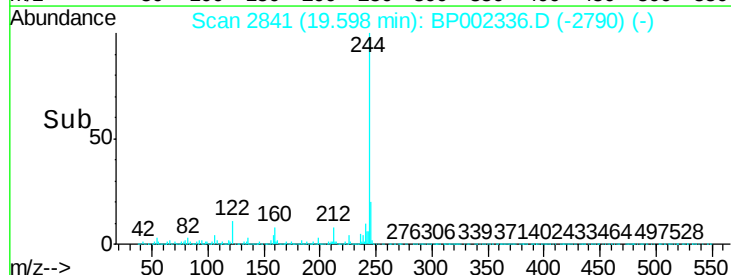
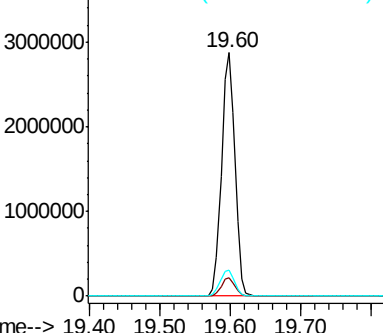
122 10.9 9.4 14.0

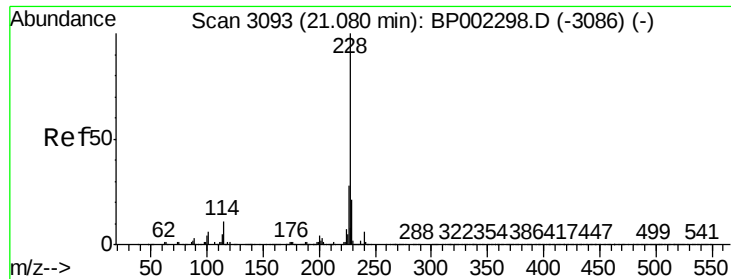


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

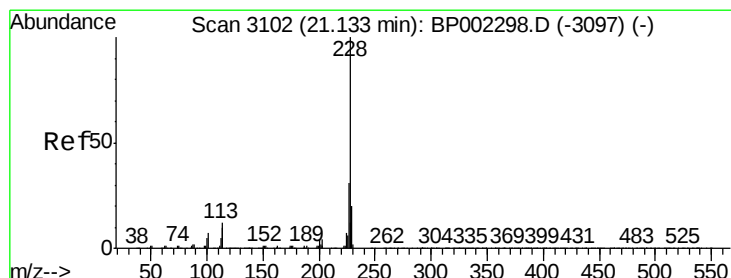
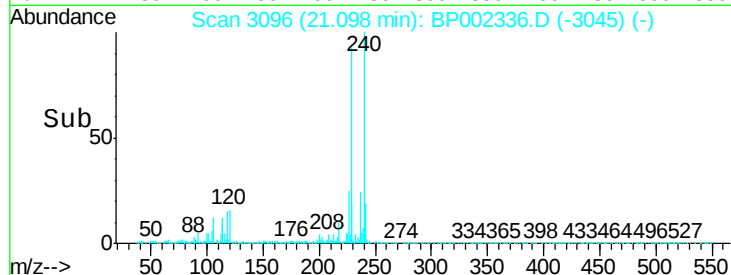
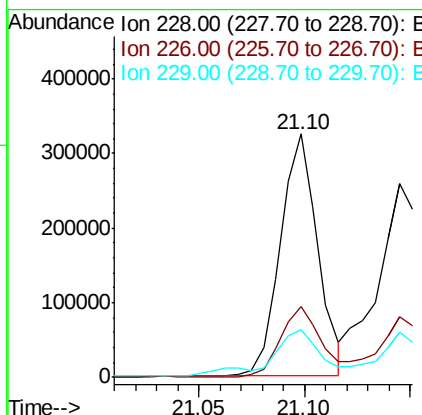
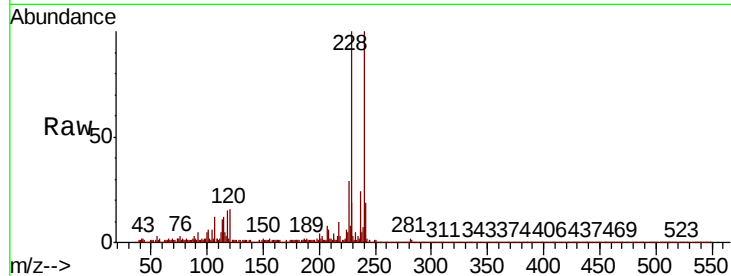




#81
Benzo(a)anthracene
Concen: 3.830 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

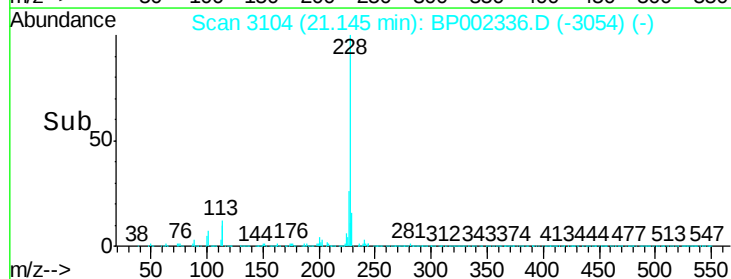
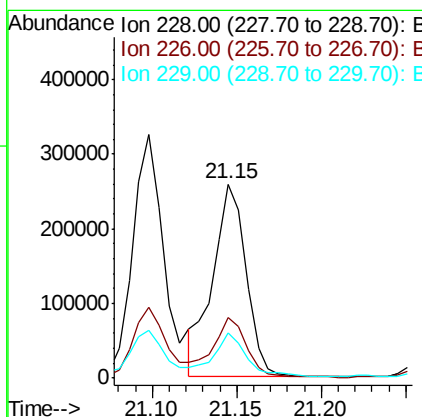
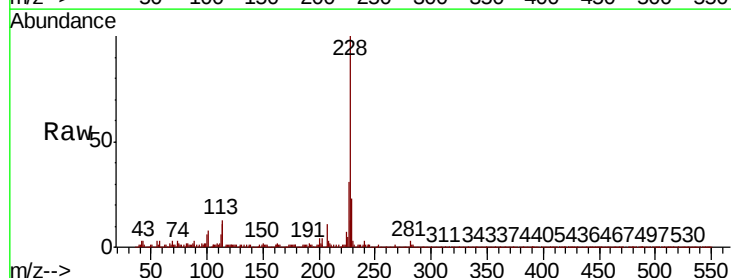
Instrument :
BNA_P
ClientSampled :

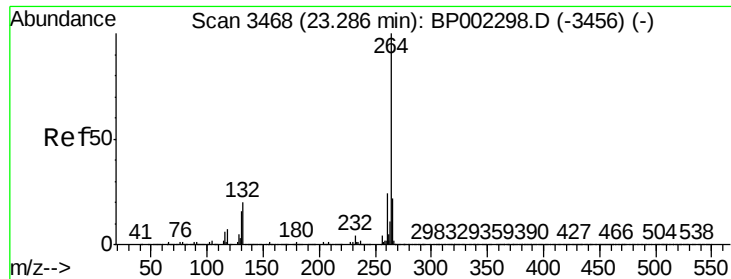
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	19.4	16.3	24.5



#83
Chrysene
Concen: 3.582 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	23.1	16.2	24.4



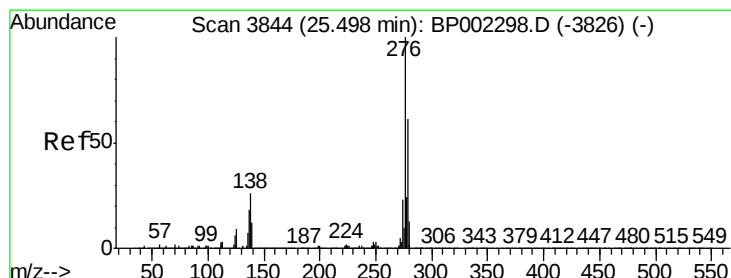
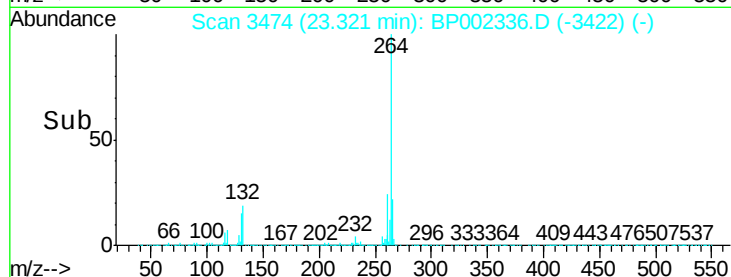
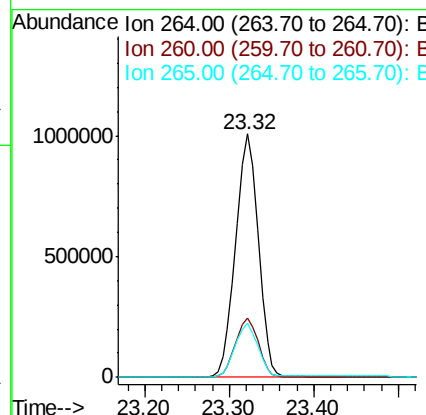
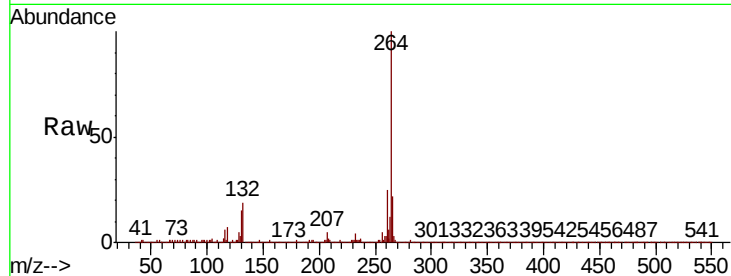


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1872440

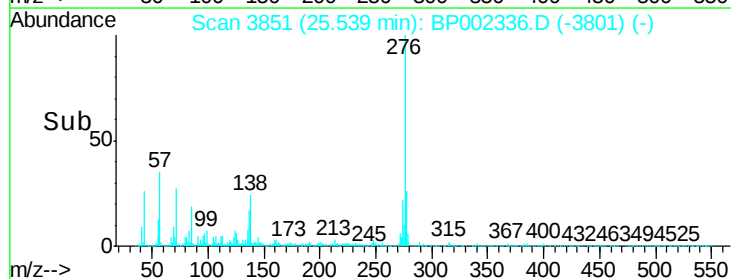
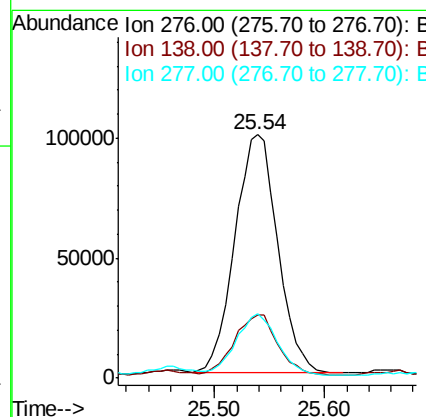
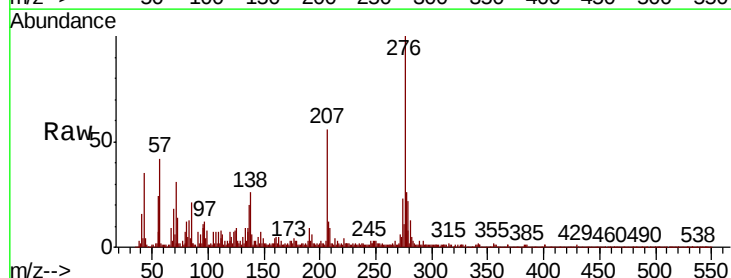
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.2	17.8	26.6

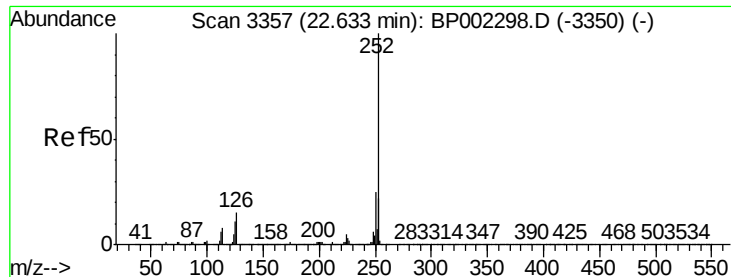


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.332 ng
RT: 25.54 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion:276 Resp: 270238

Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.2	27.4
277	25.7	20.2	30.2

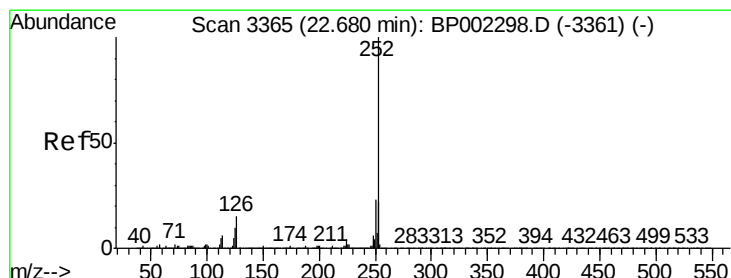
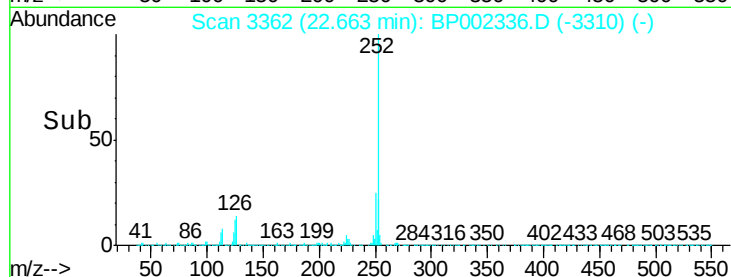
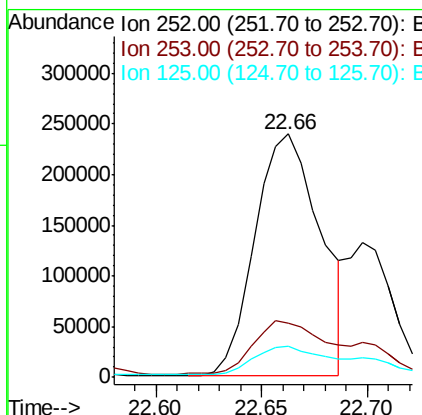
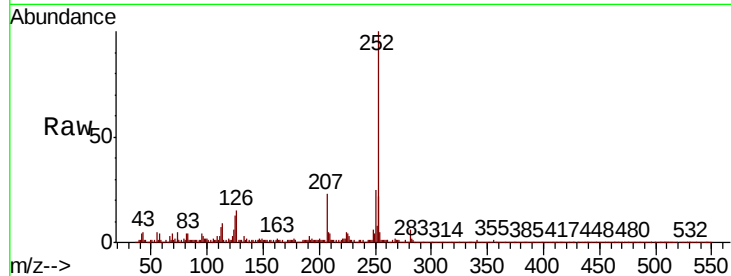




#88
Benzo(b)fluoranthene
Concen: 5.050 ng
RT: 22.66 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

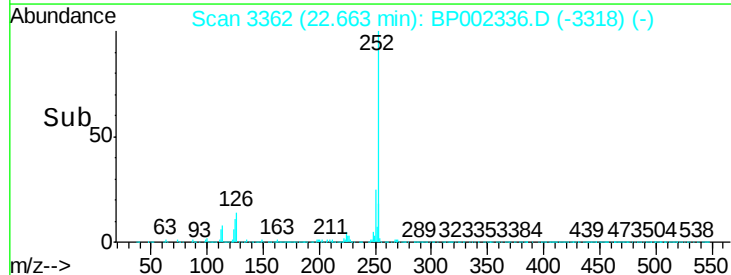
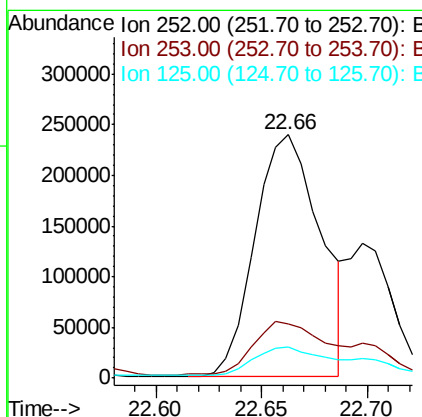
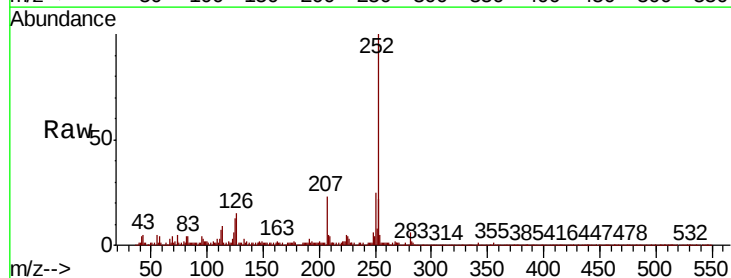
Instrument :
BNA_P
ClientSampleId :

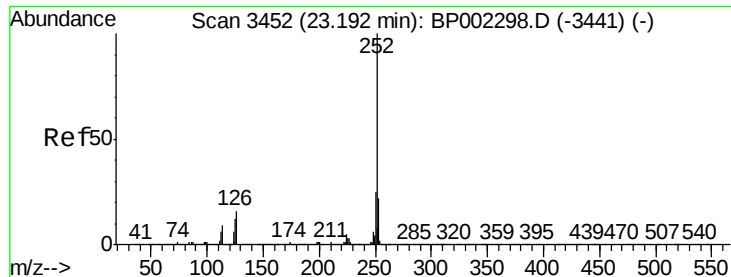
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	12.6	7.2	10.8



#89
Benzo(k)fluoranthene
Concen: 5.262 ng
RT: 22.66 min Scan# 3362
Delta R.T. -0.04 min
Lab File: BP002336.D
Acq: 01 Jun 2020 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.6	7.4	11.2





#90

Benzo(a)pyrene

Concen: 4.123 ng

RT: 23.22 min Scan# 3457

Delta R.T. -0.00 min

Lab File: BP002336.D

Acq: 01 Jun 2020 13:29

Instrument :

BNA_P

ClientSampleId :

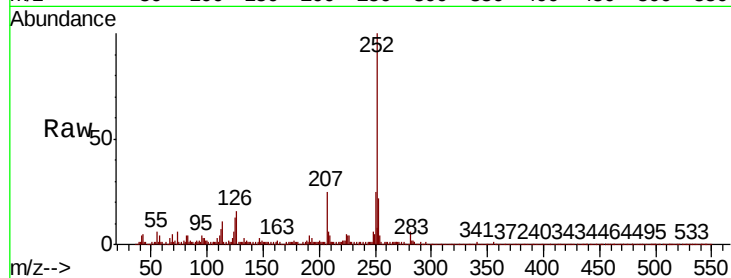
Tot Ion:252 Resp: 390438

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

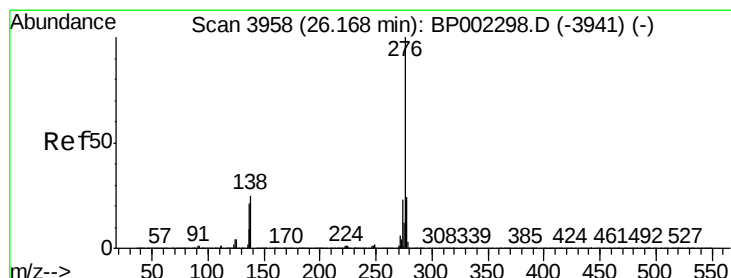
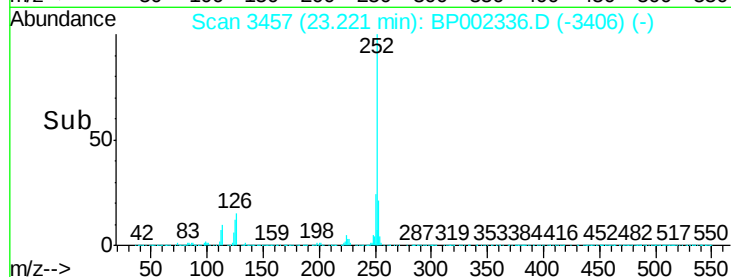
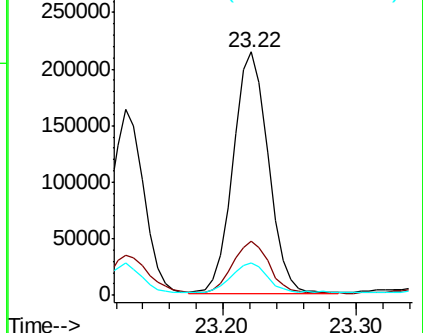
125 13.2 8.4 12.6#



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: 2.967 ng

RT: 26.22 min Scan# 3966

Delta R.T. -0.00 min

Lab File: BP002336.D

Acq: 01 Jun 2020 13:29

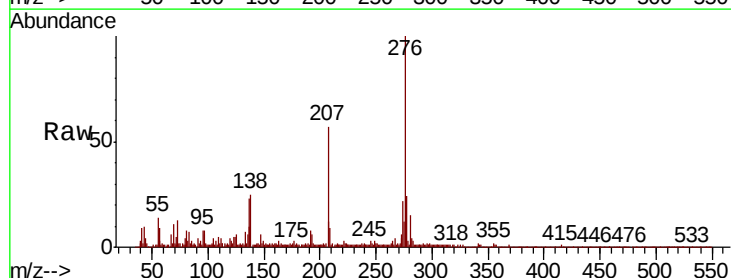
Tgt Ion:276 Resp: 286025

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 24.9 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

