

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002339.D
 Acq On : 01 Jun 2020 15:10
 Operator : CG/JU
 Sample : L2776-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 01 16:10:41 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	7.61	152	364278	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1484498	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	887499	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1899840	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1660265	20.00	ng	0.00
86) Perylene-d12	23.33	264	1706870	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1201937	61.97	ng	0.00
7) Phenol-d6	6.80	99	1733314	65.69	ng	0.00
23) Nitrobenzene-d5	8.75	82	1126138	45.61	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	611688	72.72	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2461219	48.93	ng	0.00
79) Terphenyl-d14	19.60	244	3419648	49.88	ng	0.00

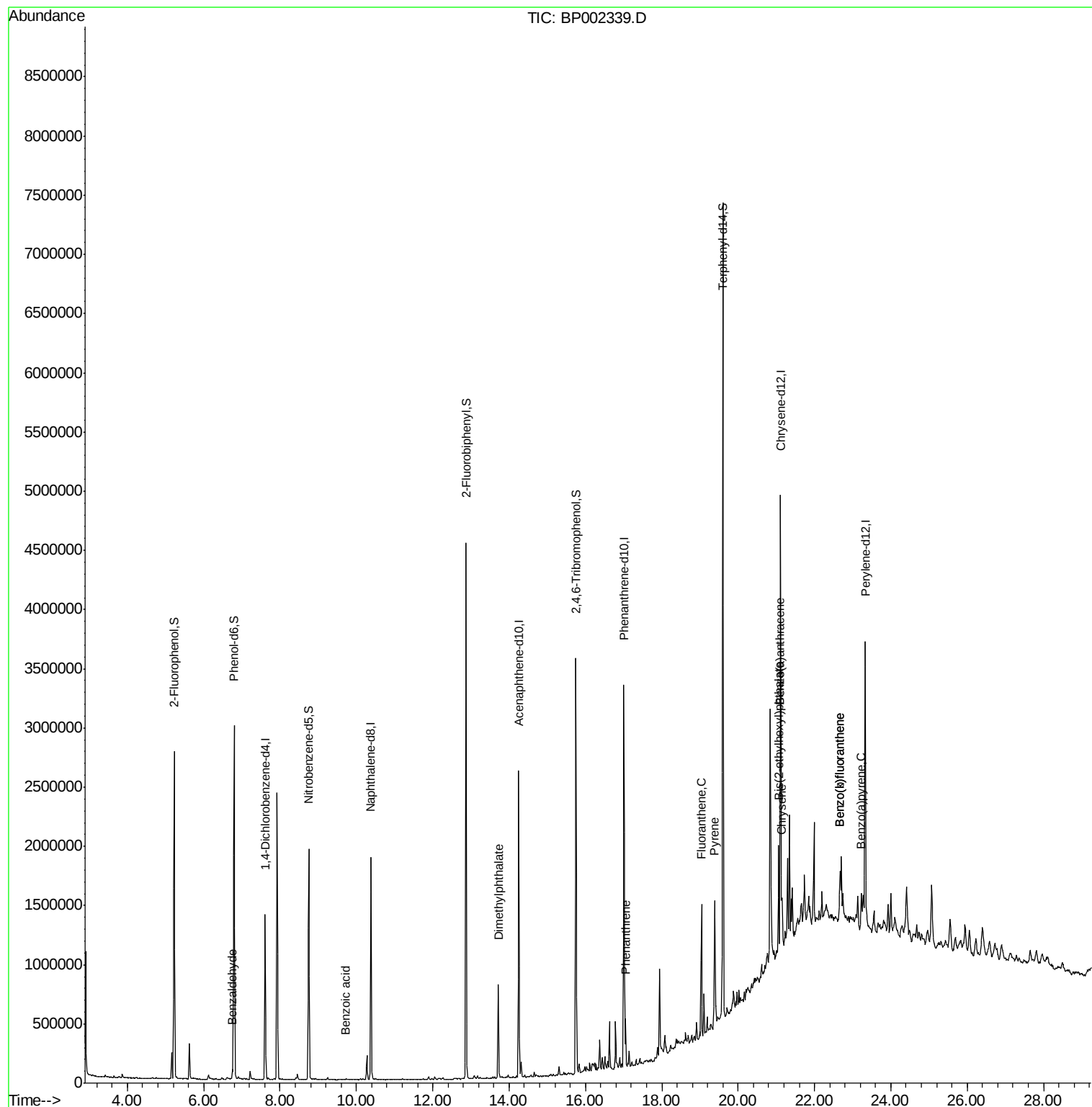
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	29633	2.009	ng	96
32) Benzoic acid	9.72	122	183	4.821	ng	85
50) Dimethylphthalate	13.72	163	501210	8.343	ng	100
71) Phenanthrene	17.05	178	233491	2.595	ng	98
75) Fluoranthene	19.04	202	662165	6.388	ng	99
78) Pyrene	19.39	202	611629	5.916	ng	98
81) Benzo(a)anthracene	21.10	228	265726	2.796	ng	97
83) Chrysene	21.15	228	307037	3.366	ng	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	302687	4.812	ng	# 97
88) Benzo(b)fluoranthene	22.66	252	319170	3.430	ng	# 88
89) Benzo(k)fluoranthene	22.66	252	319170	3.574	ng	# 87
90) Benzo(a)pyrene	23.23	252	192383	2.229	ng	# 89

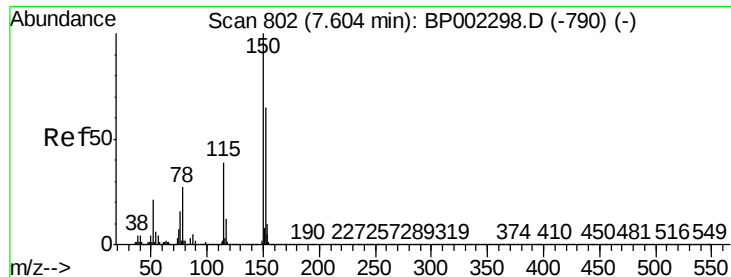
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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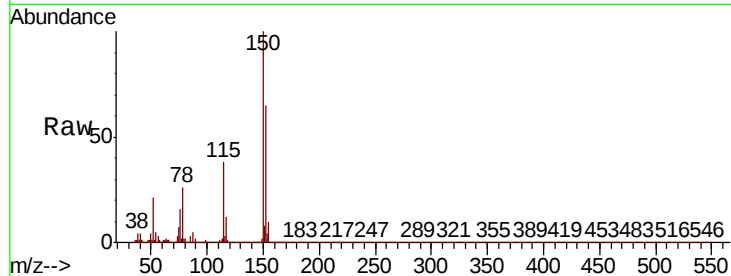


#1

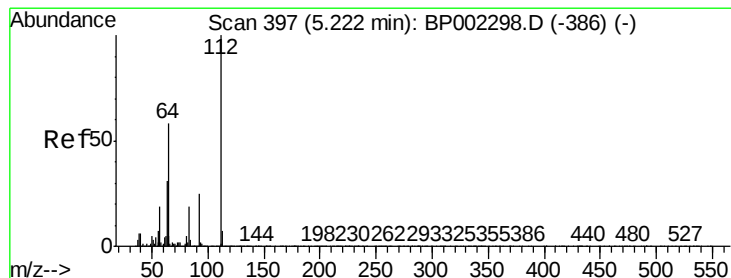
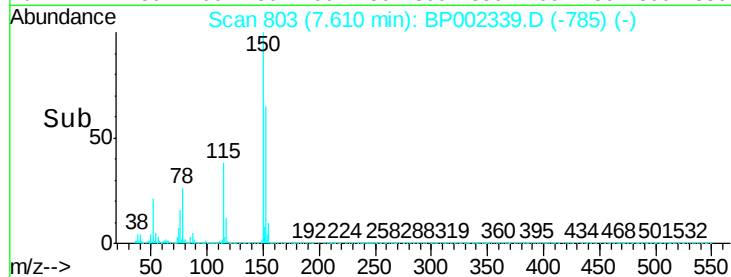
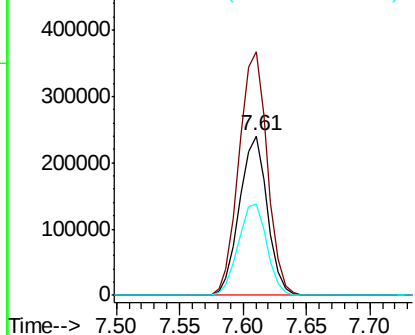
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.7	187.1
115	57.7	49.4	74.2



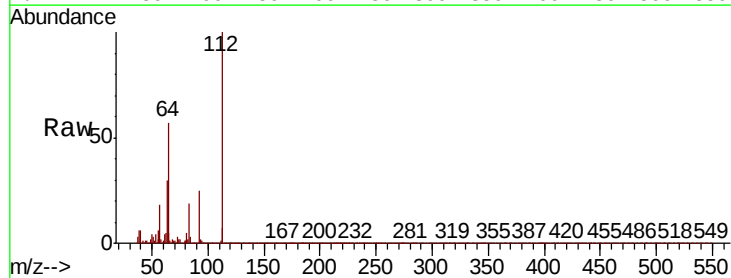
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



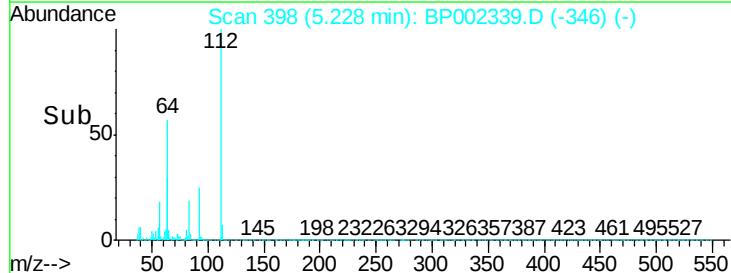
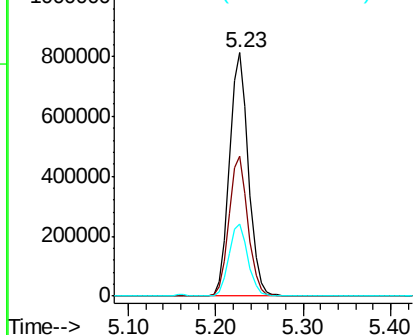
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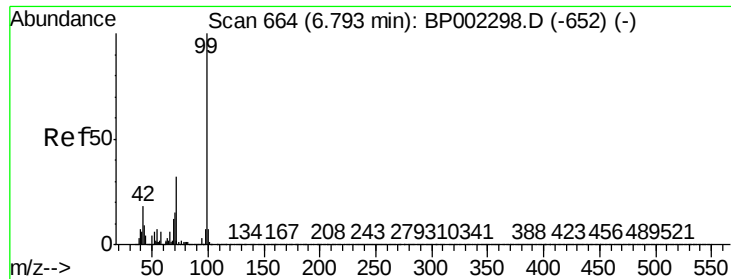
2-Fluorophenol
Concen: 61.969 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.0	70.4
63	29.9	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: 65.694 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Instrument :

BNA_P

ClientSampled :

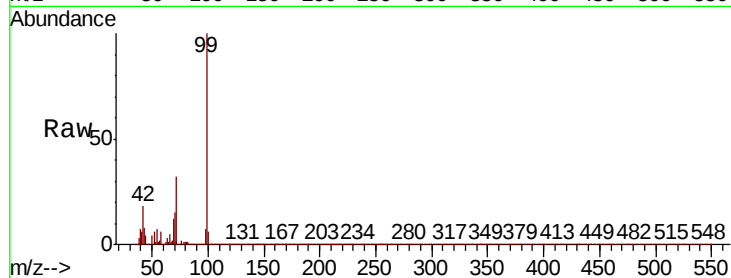
Tot Ion: 99 Resp: 1733314

Ion Ratio Lower Upper

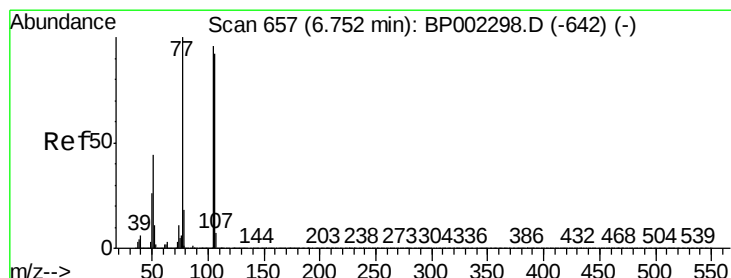
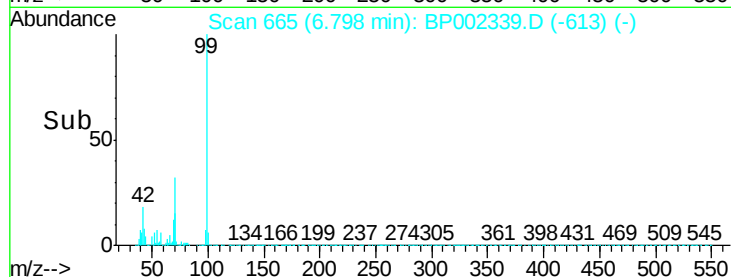
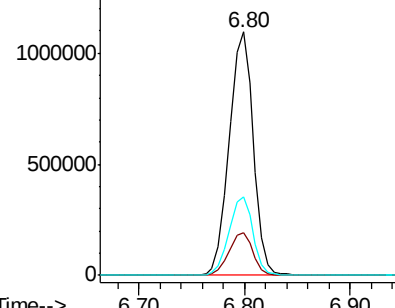
99 100

42 17.7 13.9 20.9

71 32.1 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BP0
1500000 Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#9

Benzaldehyde

Concen: 2.009 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

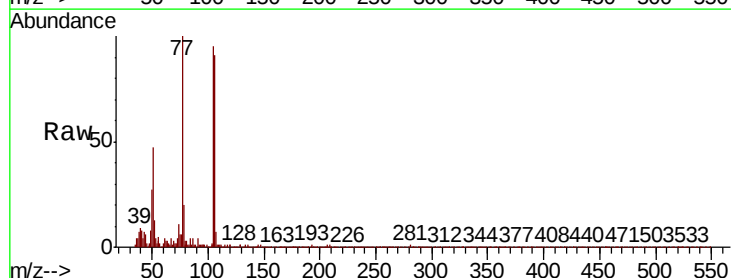
Tgt Ion: 77 Resp: 29633

Ion Ratio Lower Upper

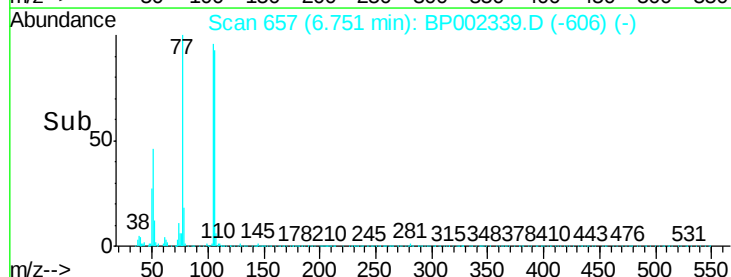
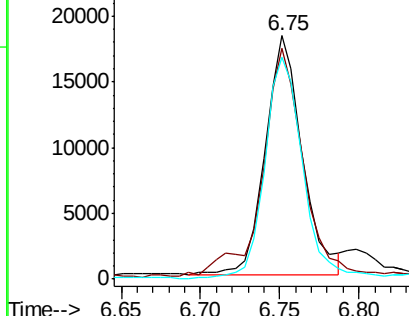
77 100

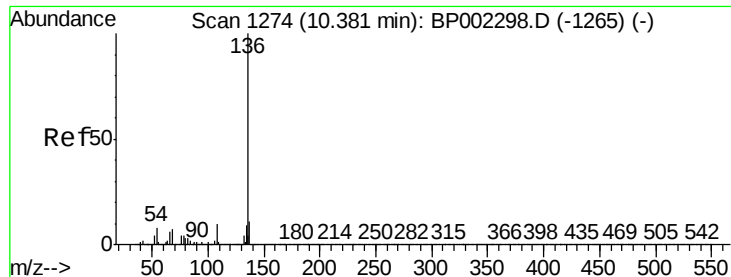
105 95.0 77.5 117.5

106 91.0 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BP0
25000 Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

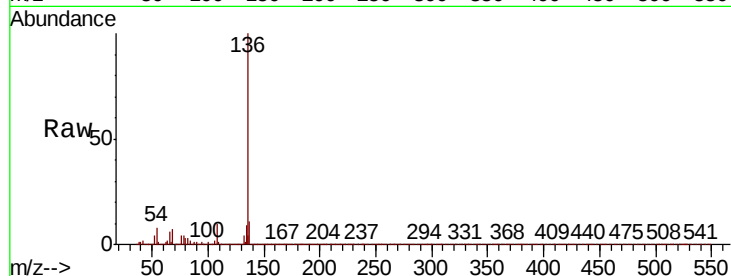




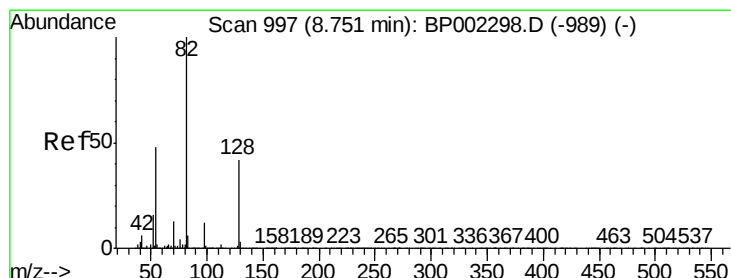
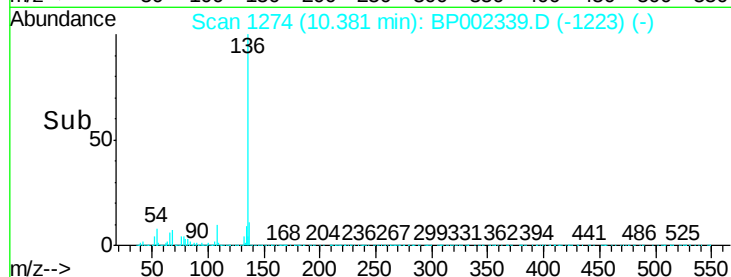
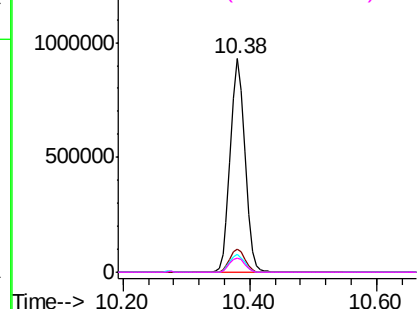
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp: 1484498
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 8.4	6.9 10.3
68 6.9	5.6 8.4

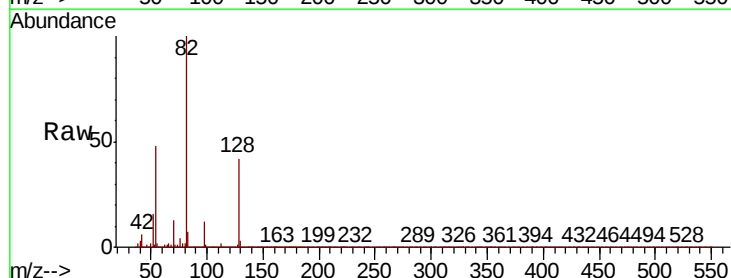


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

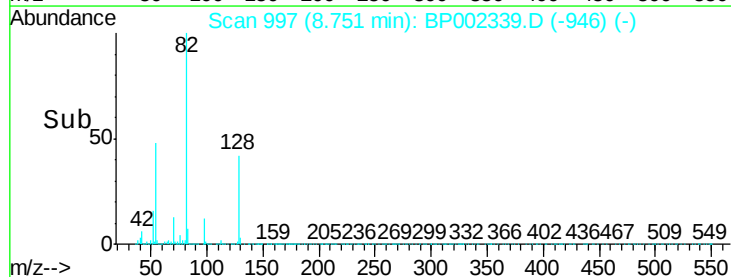
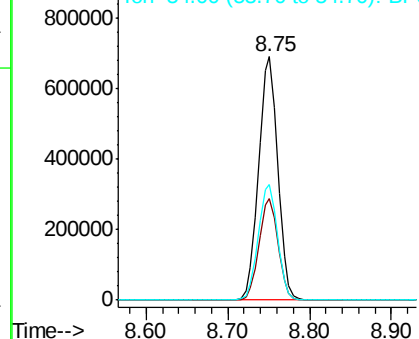


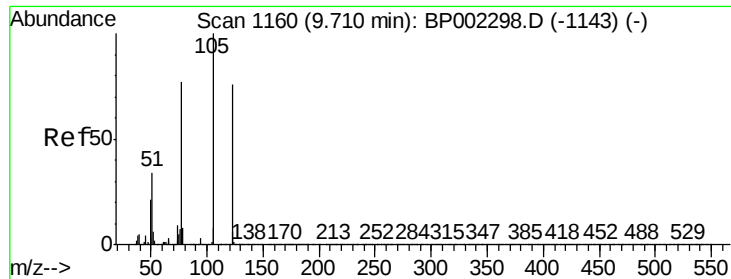
#23
Nitrobenzene-d5
Concen: 45.609 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion: 82	Resp: 1126138
Ion Ratio	Lower Upper
82 100	
128 41.9	33.4 50.0
54 47.7	38.3 57.5



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

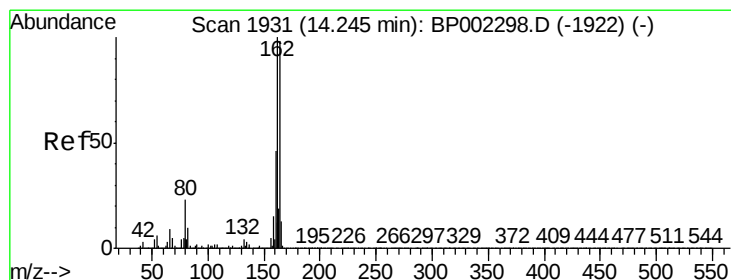
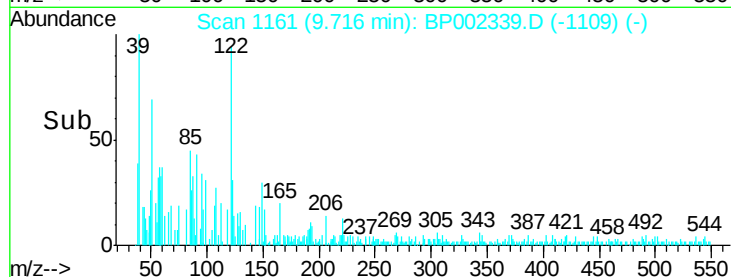
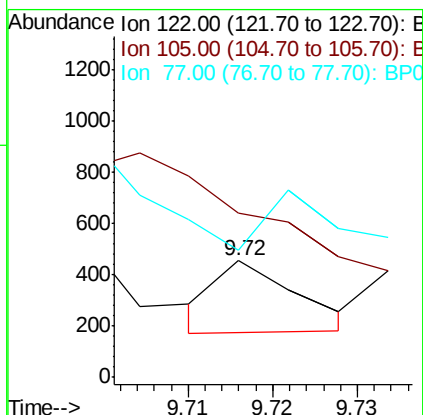
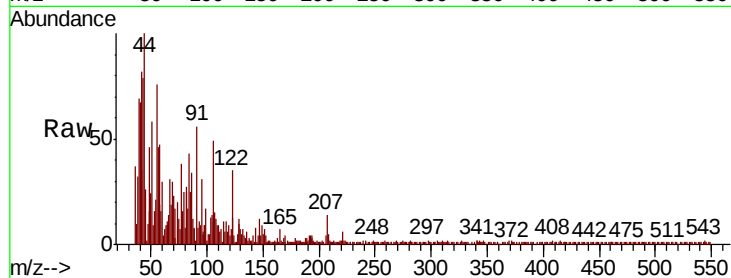




#32
Benzoic acid
Concen: 4.821 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

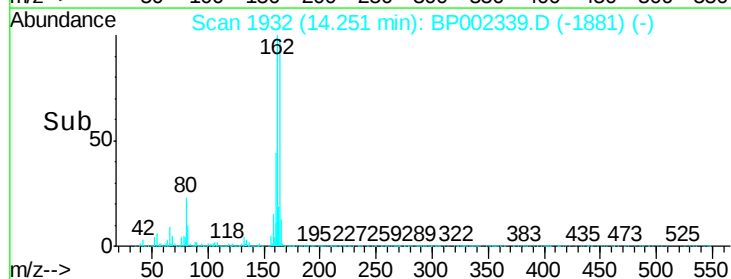
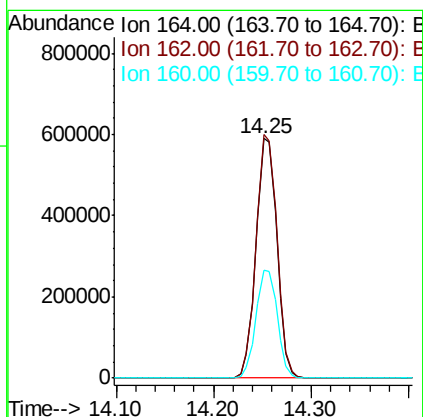
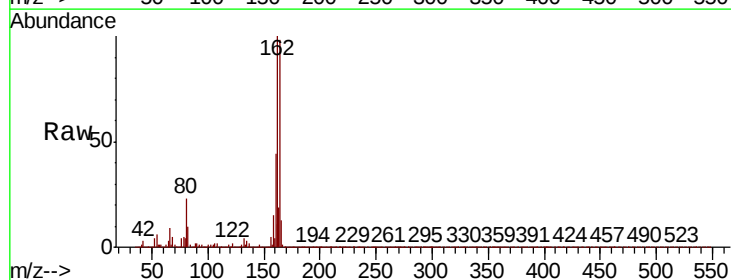
Instrument :
BNA_P
ClientSampleId :

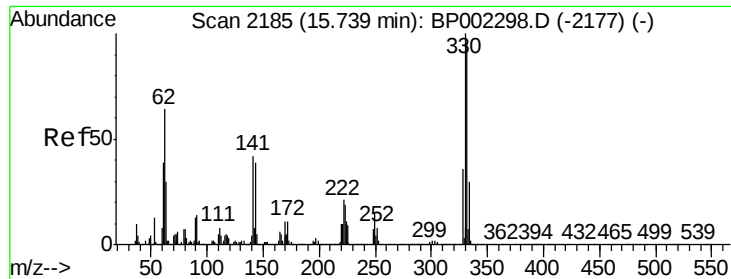
Tot Ion	Ratio	Lower	Upper
122	100		
105	140.1	102.7	142.7
77	109.0	74.8	114.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	44.9	37.2	55.8

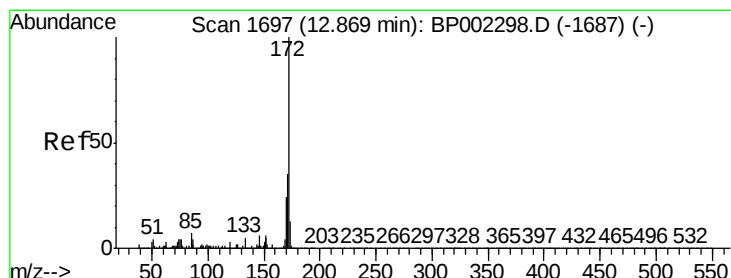
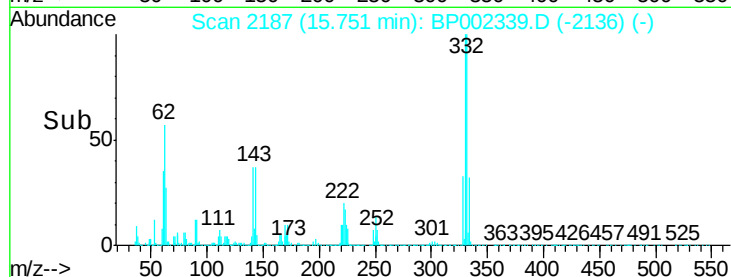
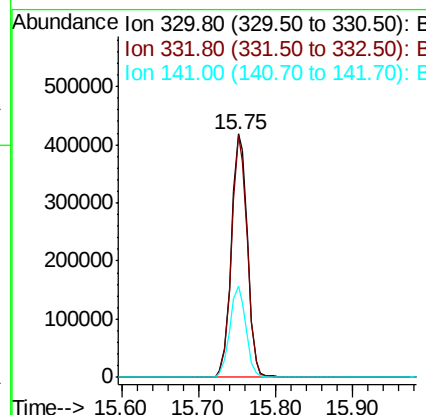
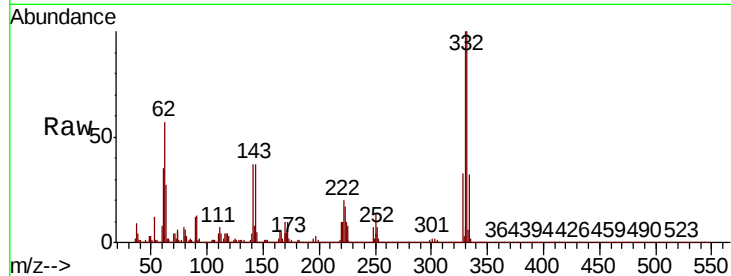




#42
2,4,6-Tribromophenol
Concen: 72.722 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

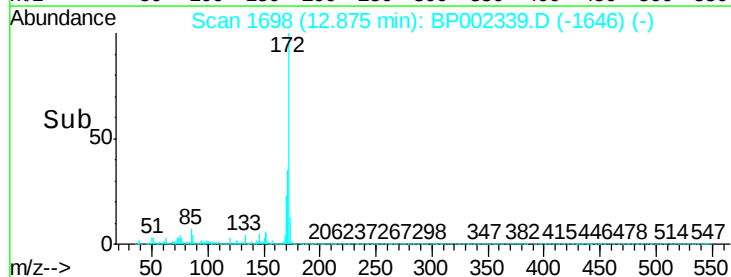
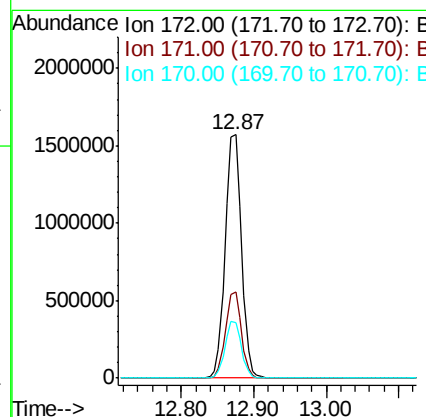
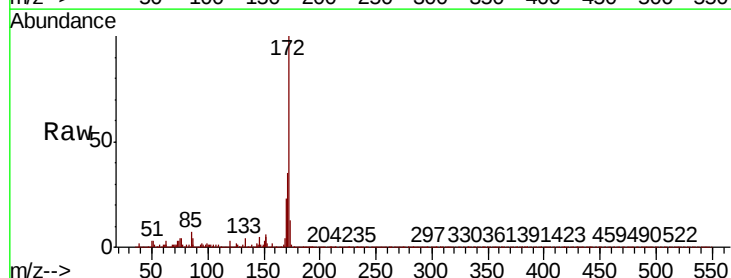
Instrument :
BNA_P
ClientSampleId :

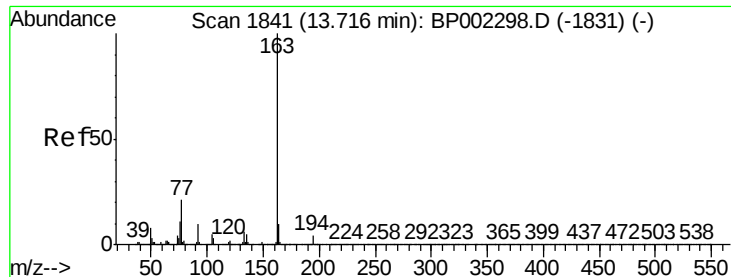
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	36.8	31.4	47.2



#45
2-Fluorobiphenyl
Concen: 48.934 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.6	41.4
170	22.8	18.9	28.3

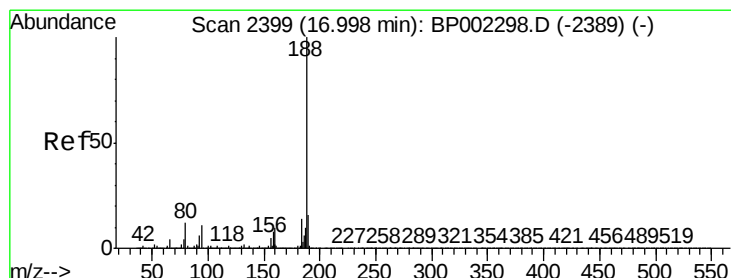
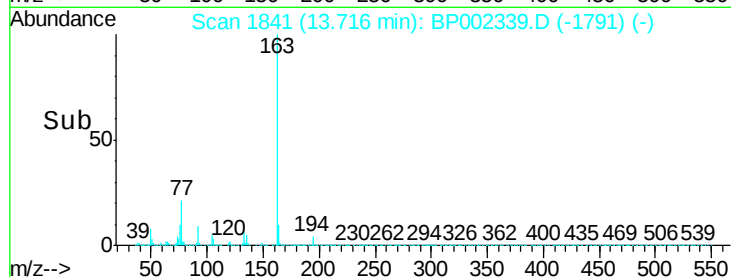
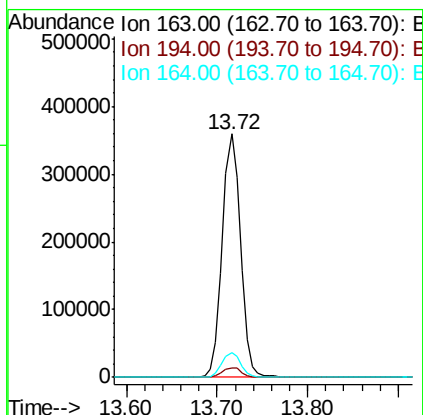
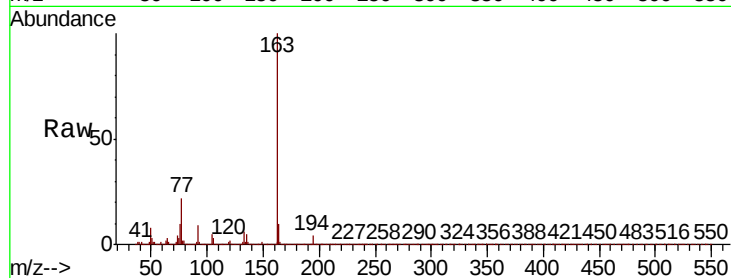




#50
Dimethylphthalate
Concen: 8.343 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

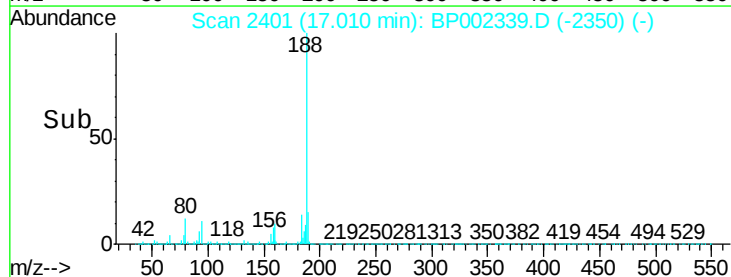
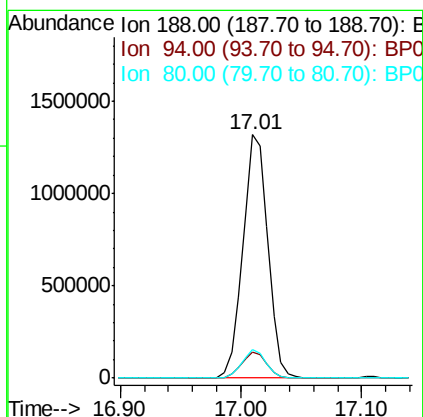
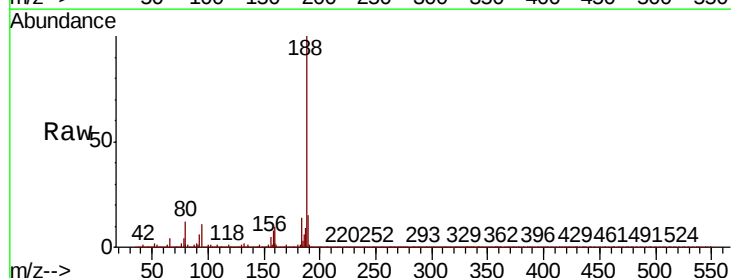
Instrument :
BNA_P
ClientSampled :

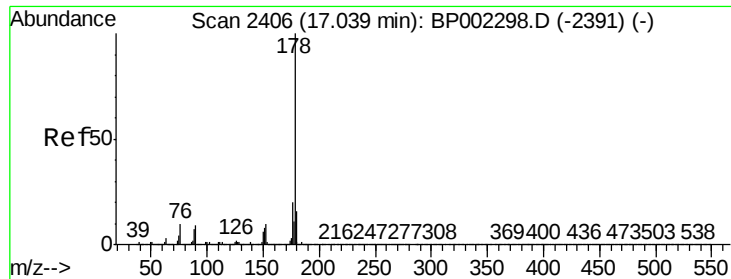
Tot Ion:163 Resp: 501210
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion:188 Resp: 1899840
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.7 9.3 13.9

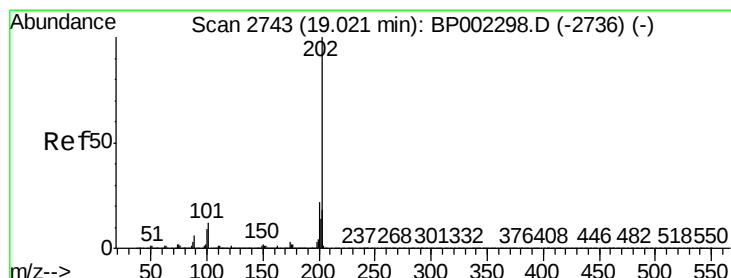
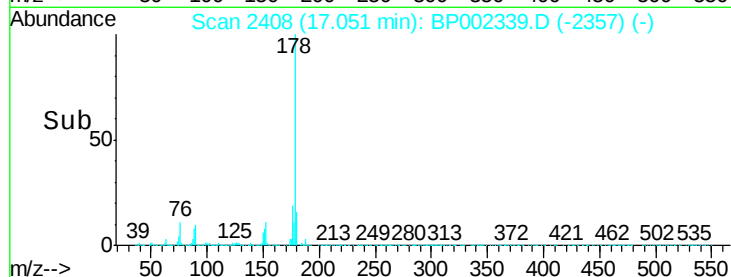
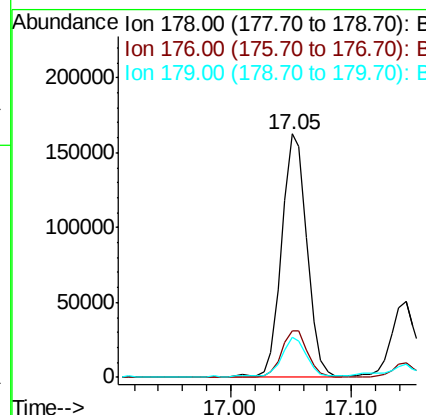
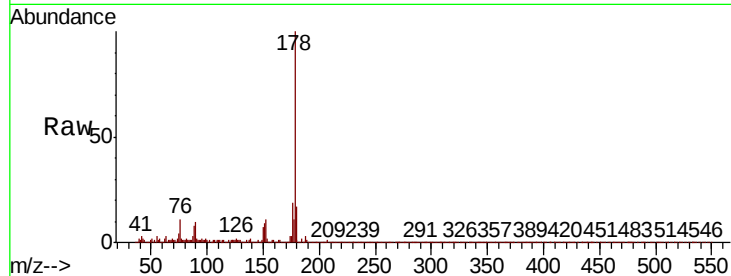




#71
Phenanthrene
Concen: 2.595 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

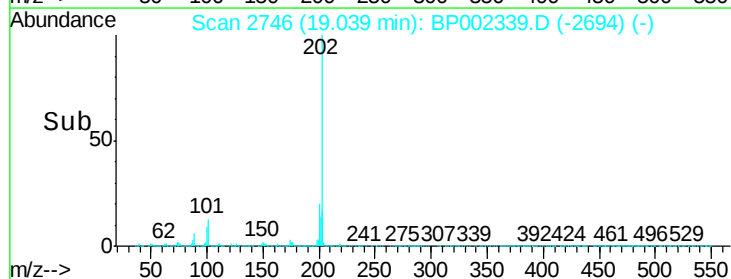
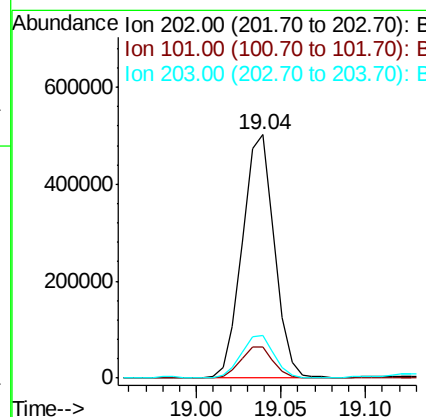
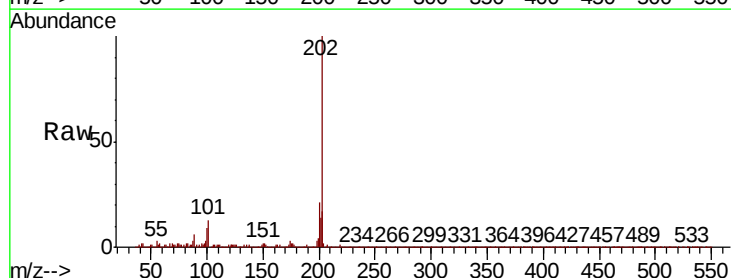
Instrument :
BNA_P
ClientSampleId :

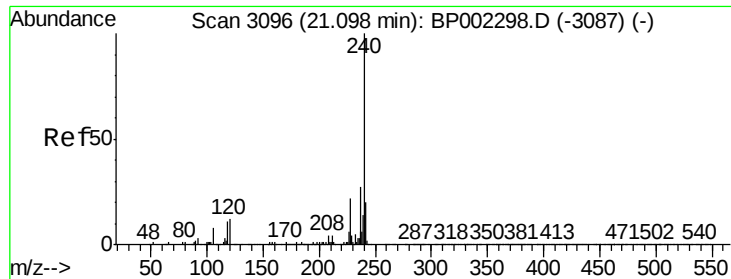
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.7	12.6	18.8



#75
Fluoranthene
Concen: 6.388 ng
RT: 19.04 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.1
203	17.3	0.0	37.6

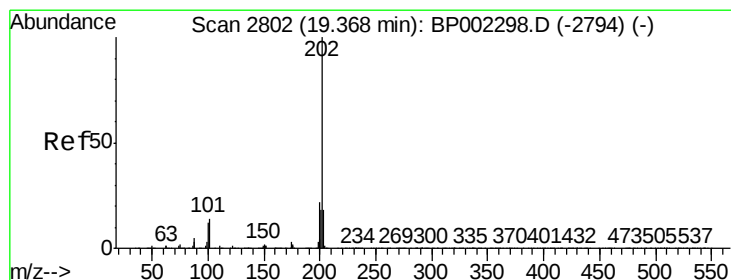
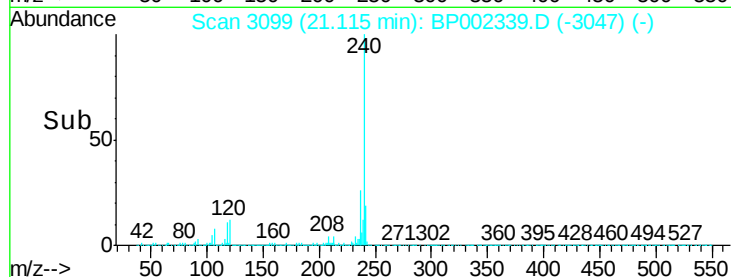
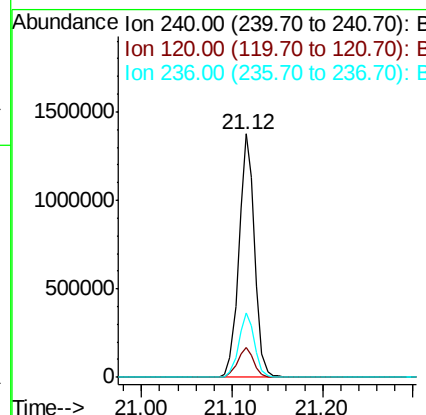
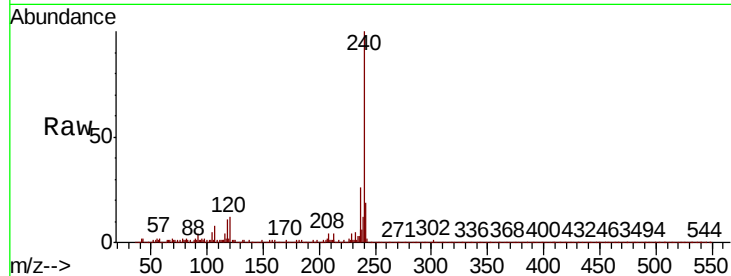




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

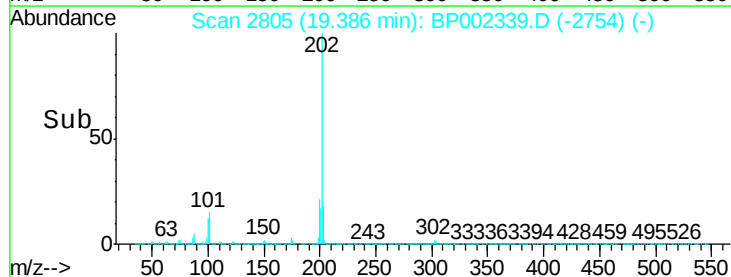
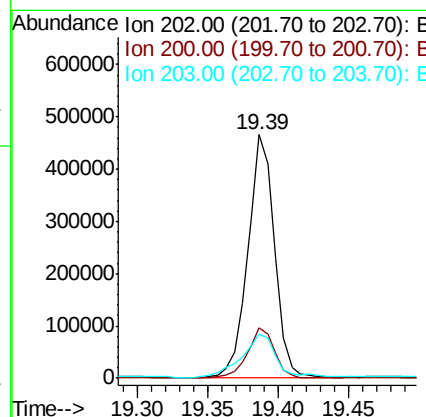
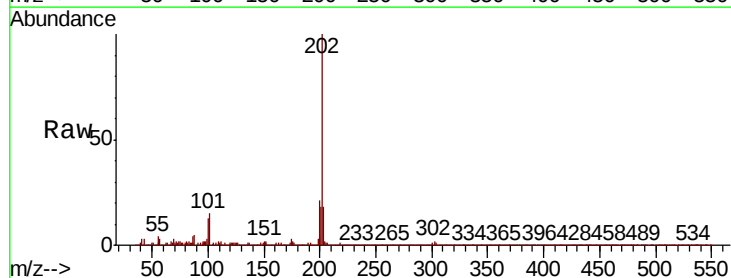
Instrument :
BNA_P
ClientSampleId :

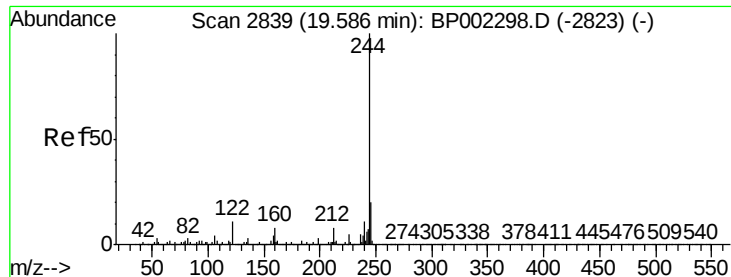
Tot Ion:240 Resp: 1660265
Ion Ratio Lower Upper
240 100
120 12.1 8.7 13.1
236 26.5 21.0 31.4



#78
Pyrene
Concen: 5.916 ng
RT: 19.39 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion:202 Resp: 611629
Ion Ratio Lower Upper
202 100
200 20.6 17.3 25.9
203 18.0 13.8 20.6





#79

Terphenyl-d14

Concen: 49.880 ng

RT: 19.60 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Instrument :

BNA_P

ClientSampleId :

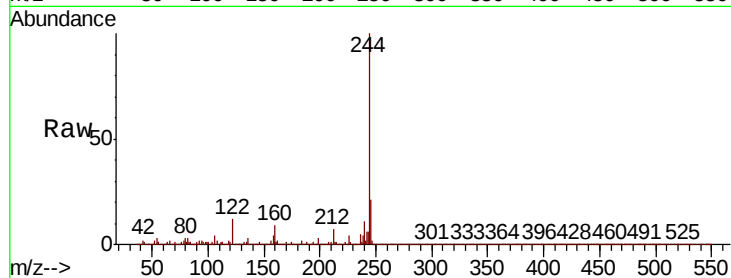
Tot Ion:244 Resp: 3419648

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

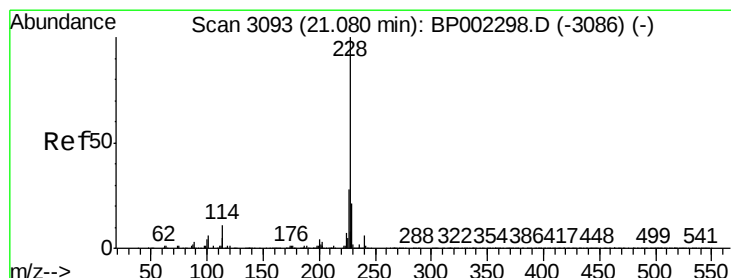
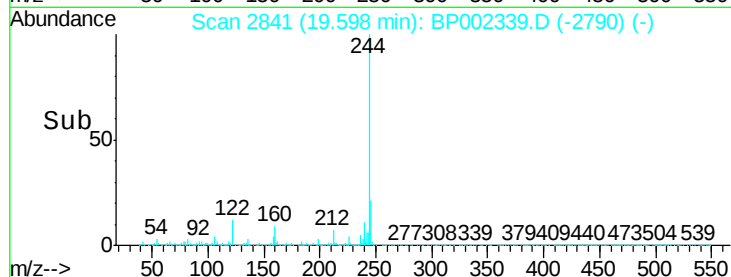
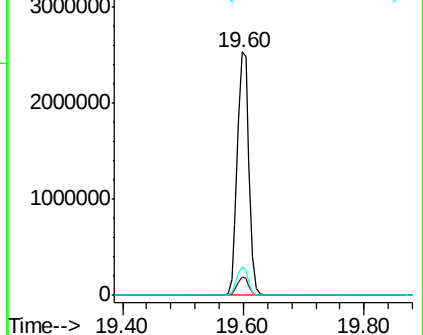
122 11.7 9.4 14.0



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: 2.796 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

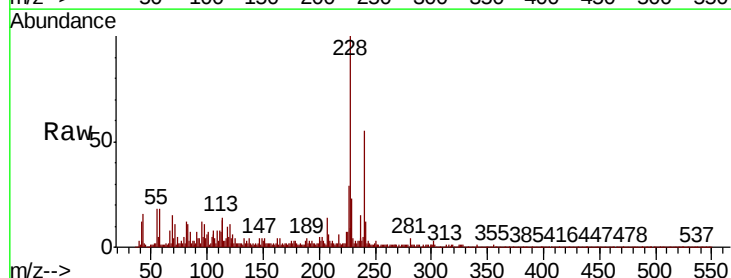
Tgt Ion:228 Resp: 265726

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

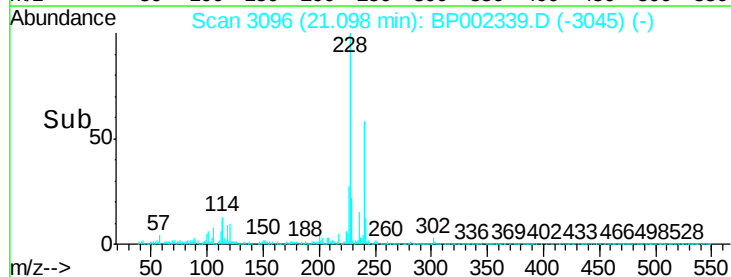
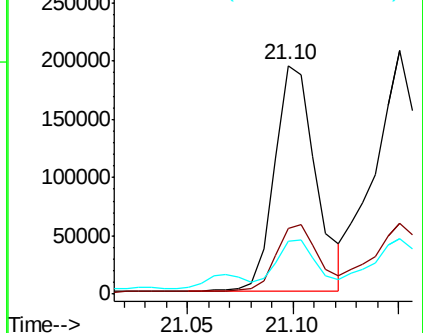
229 23.4 16.3 24.5

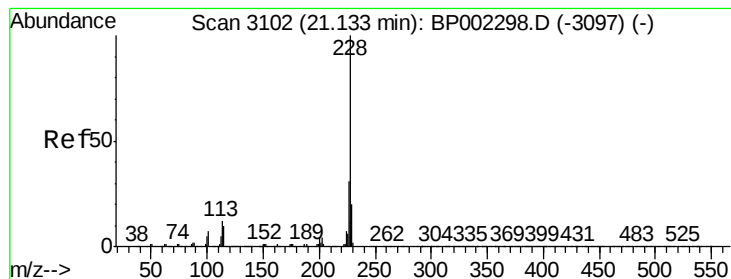


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 3.366 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

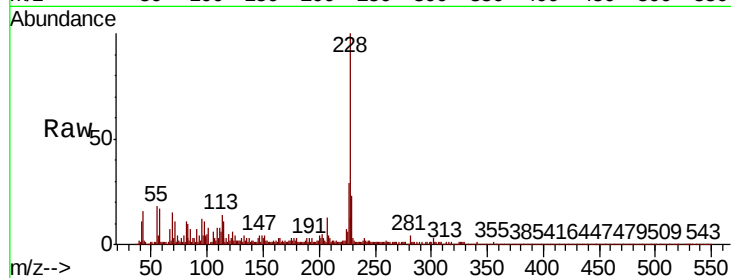
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 307037

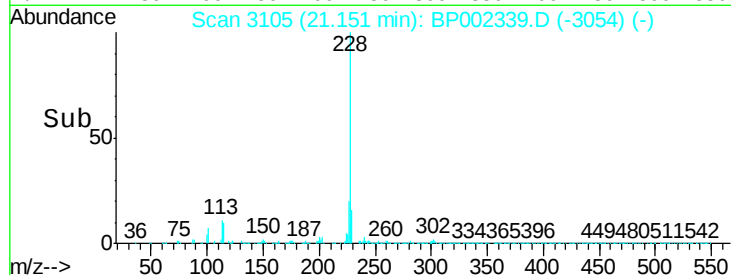
Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	22.6	16.2	24.4



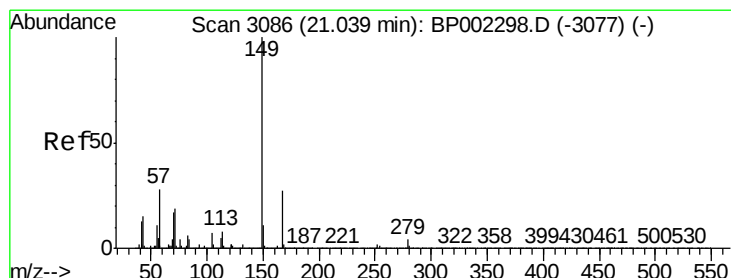
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.812 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

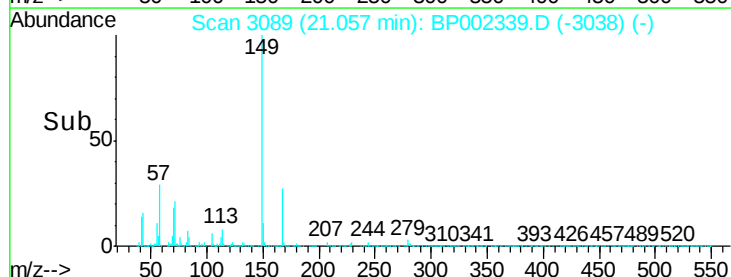
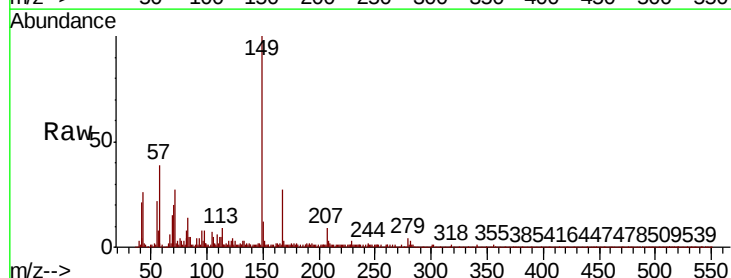
Tgt Ion:149 Resp: 302687

Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.0	34.6
279	3.7	3.9	5.9

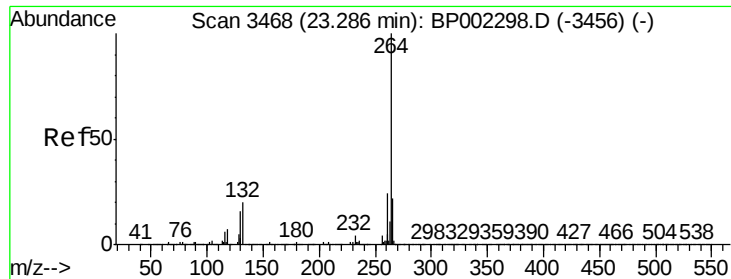
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

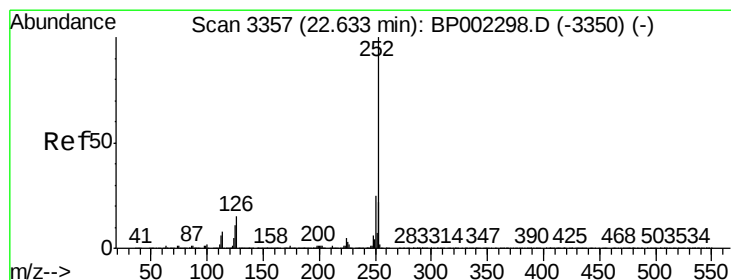
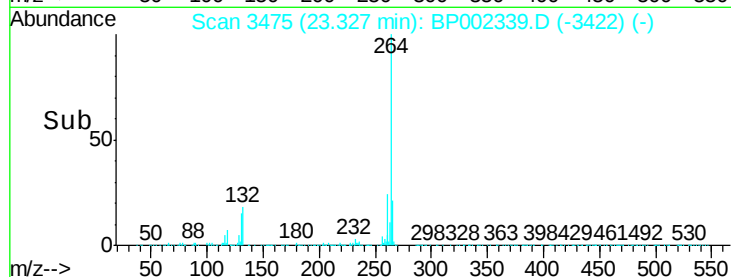
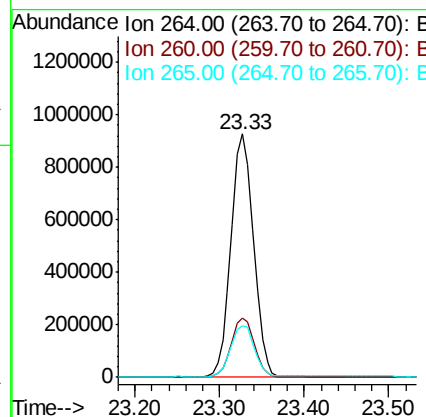
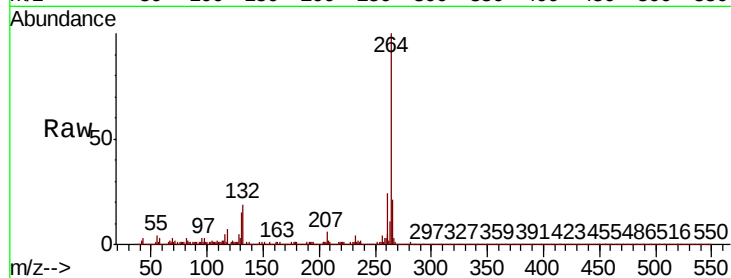


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1706870

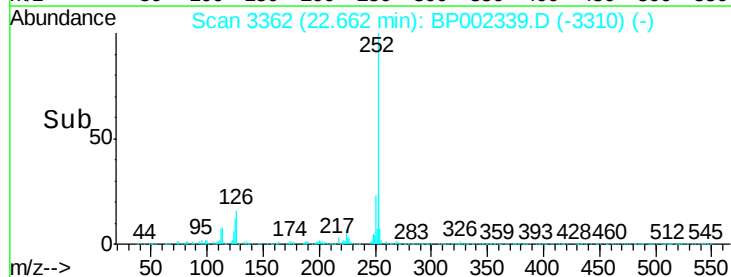
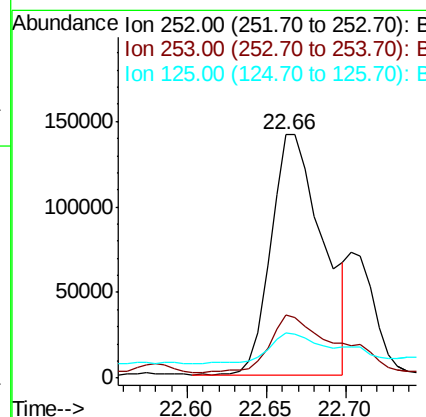
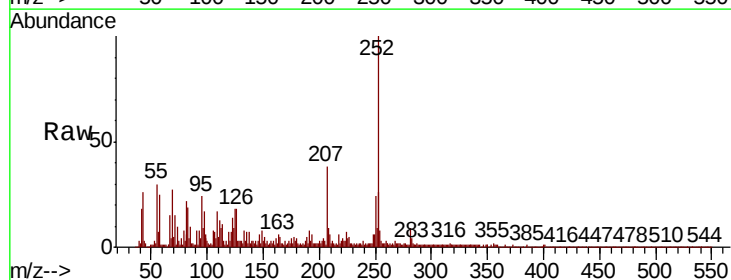
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.4	17.8	26.6

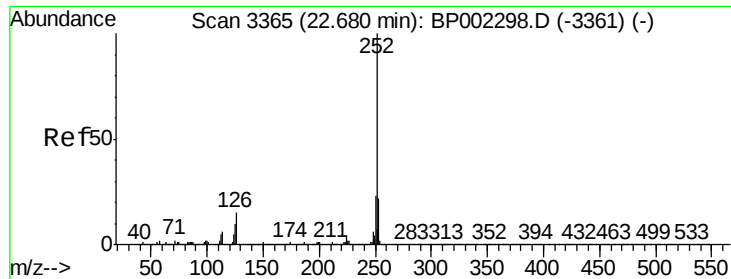


#88
Benzo(b)fluoranthene
Concen: 3.430 ng
RT: 22.66 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion:252 Resp: 319170

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	18.5	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 3.574 ng

RT: 22.66 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BP002339.D

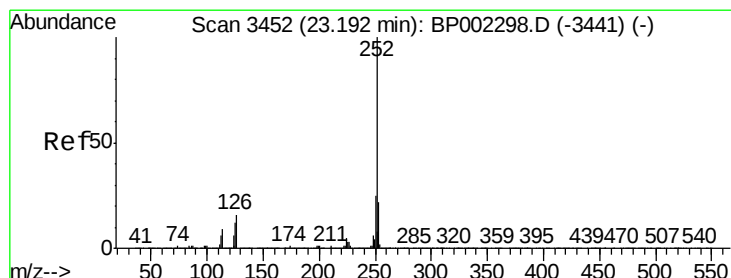
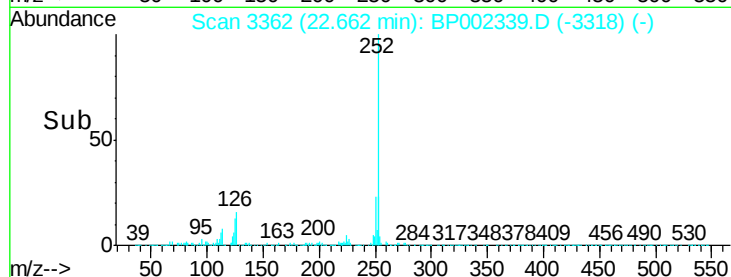
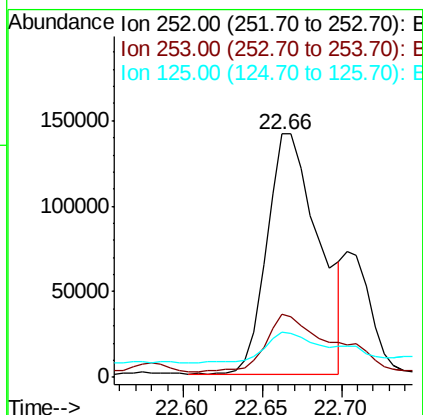
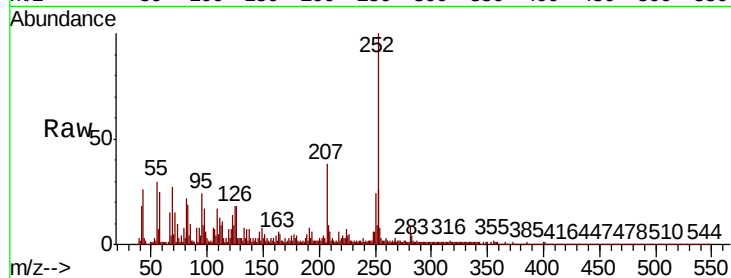
Acq: 01 Jun 2020 15:10

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	252	Resp:	319170
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.9	26.9
125	18.5	7.4	11.2#



#90

Benzo(a)pyrene

Concen: 2.229 ng

RT: 23.23 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Tgt Ion:	252	Resp:	192383
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.0	27.0
125	19.1	8.4	12.6#

