

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
 Data File : BP002246.D
 Acq On : 05 May 2020 20:27
 Operator : CG/JU
 Sample : L2483-02 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: May 06 01:06:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 13:34:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	263974	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1211015	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	762596	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1663439	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1768095	20.00	ng	0.00
87) Perylene-d12	23.31	264	1798649	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	344003	21.50	ng	0.00
7) Phenol-d6	6.79	99	510937	21.74	ng	0.00
23) Nitrobenzene-d5	8.75	82	302563	12.90	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	172061	21.32	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	815019	14.97	ng	0.00
79) Terphenyl-d14	19.59	244	1294572	17.94	ng	0.00

Target Compounds

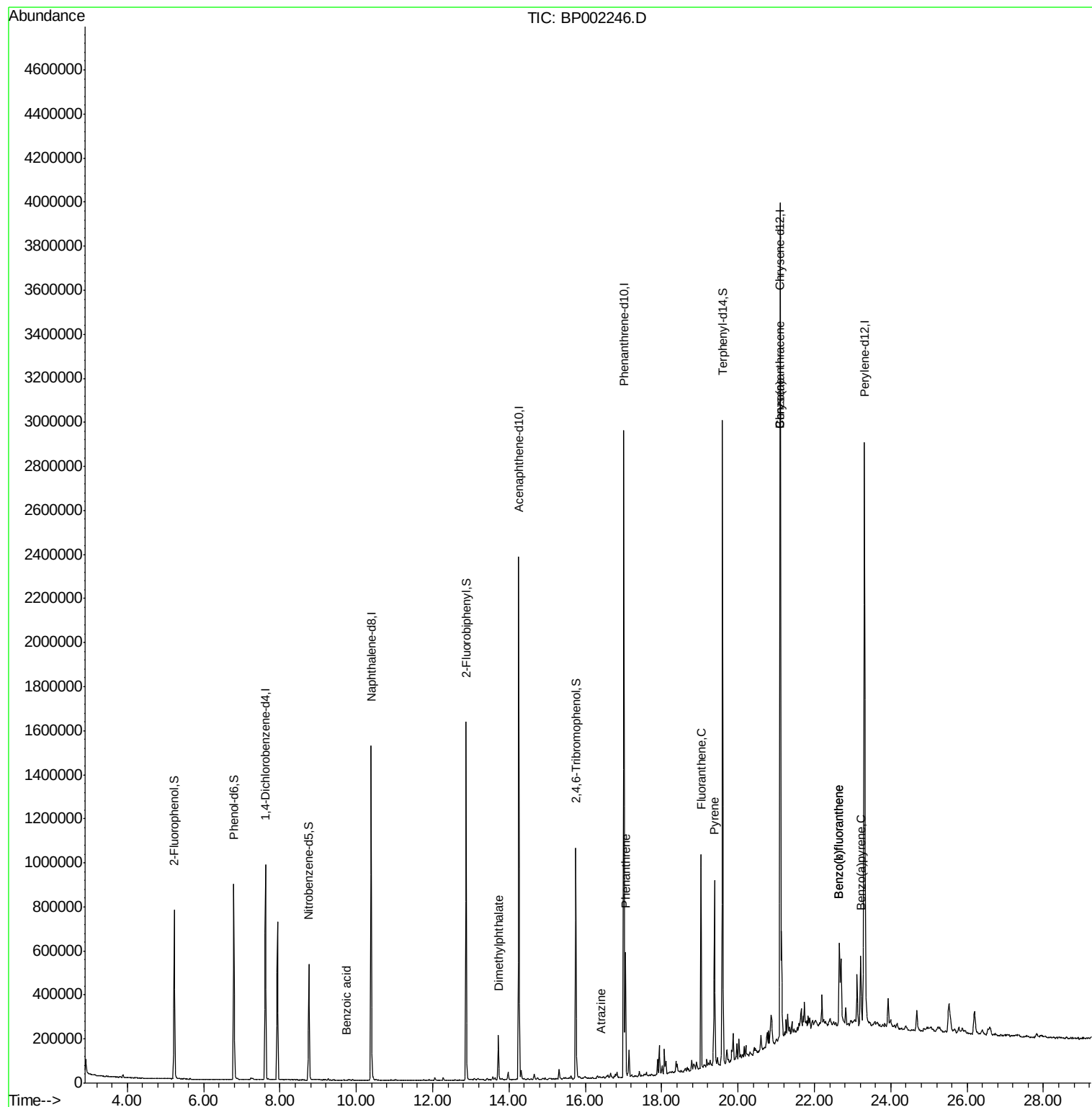
					Qvalue
9) Benzaldehyde	6.74	77	249	Below Cal	# 58
32) Benzoic acid	9.73	122	45	6.347 ng	# 1
50) Dimethylphthalate	13.72	163	125159	2.082 ng	98
61) 4-Chlorophenyl-phenylether	15.32	204	93	Below Cal	# 1
69) Atrazine	16.41	200	20	2.263 ng	77
71) Phenanthrene	17.05	178	313621	3.353 ng	100
75) Fluoranthene	19.03	202	537796	5.011 ng	98
77) Benzydine	19.18	184	201	Below Cal	# 1
78) Pyrene	19.38	202	487259	4.057 ng	99
81) Benzo(a)anthracene	21.09	228	282023	2.459 ng	98
83) Chrysene	21.09	228	282023	2.504 ng	98
88) Benzo(b)fluoranthene	22.65	252	441755	4.084 ng	97
89) Benzo(k)fluoranthene	22.65	252	441755	3.987 ng	97
90) Benzo(a)pyrene	23.22	252	233434	2.242 ng	97

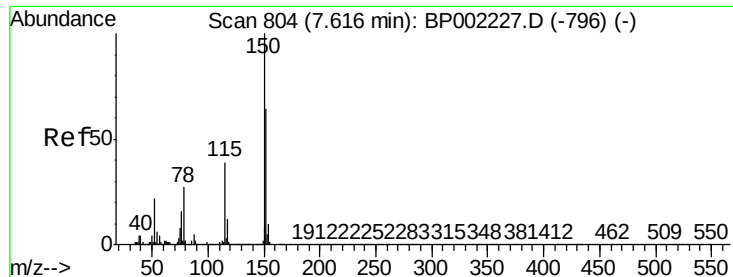
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
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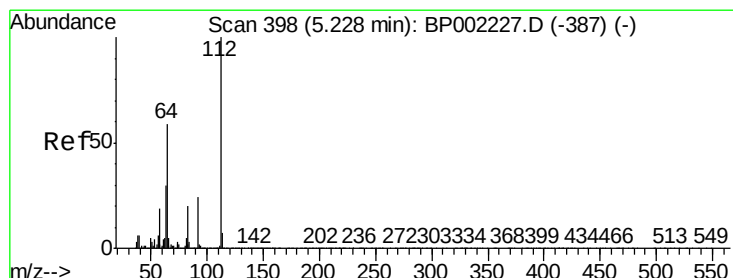
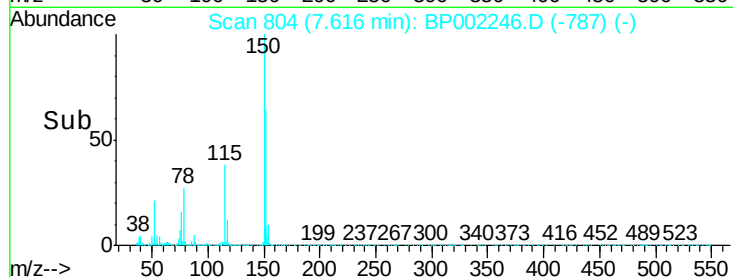
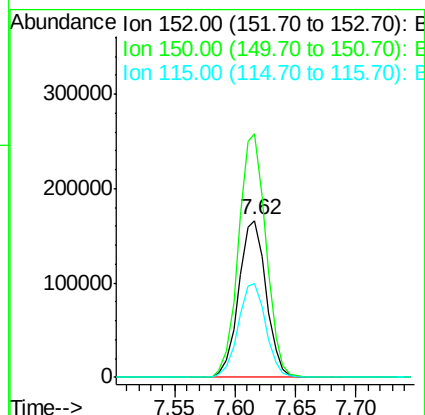
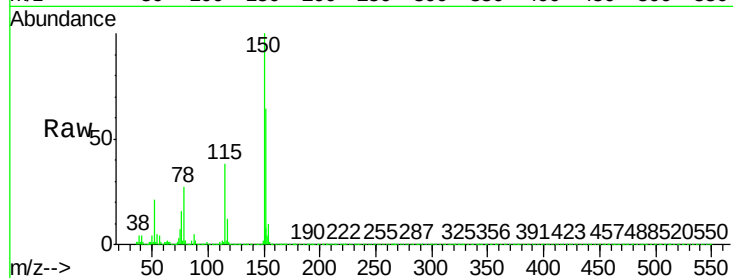


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 804
Delta R.T. -0.00 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Instrument :
BNA_P
ClientSampleId :

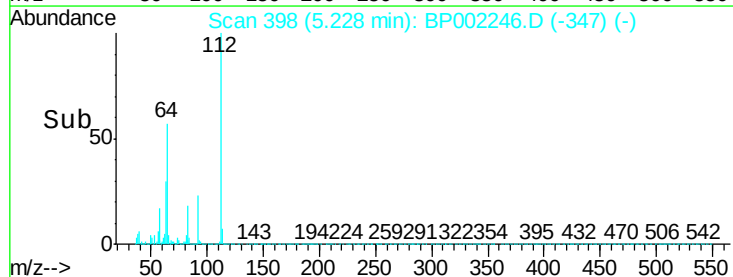
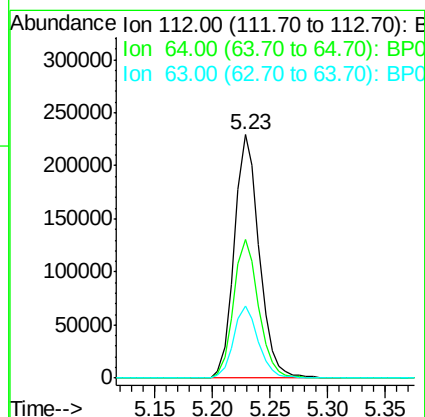
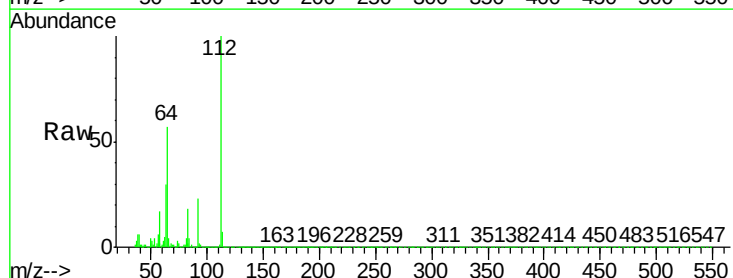
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	59.5	48.3	72.5

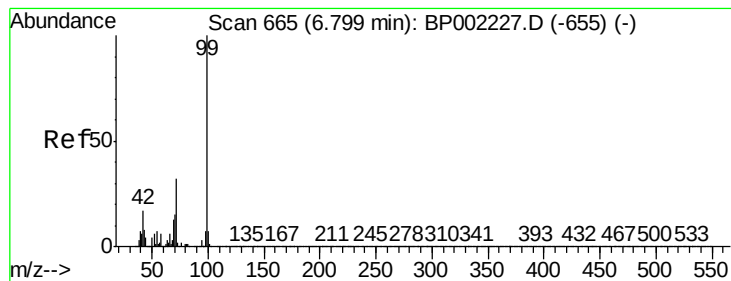


#5

2-Fluorophenol
Concen: 21.498 ng
RT: 5.23 min Scan# 398
Delta R.T. -0.00 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.9	70.3
63	29.5	24.3	36.5





#7

Phenol-d6

Concen: 21.737 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002246.D

Acq: 05 May 2020 20:27

Instrument :

BNA_P

ClientSampleId :

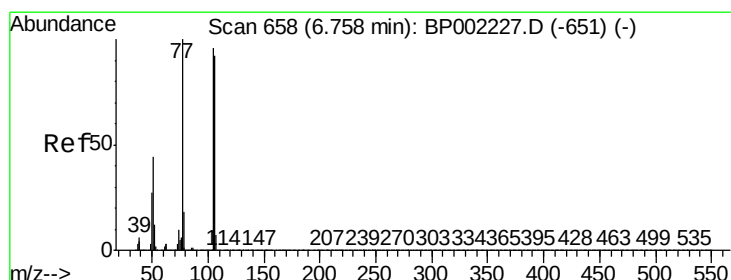
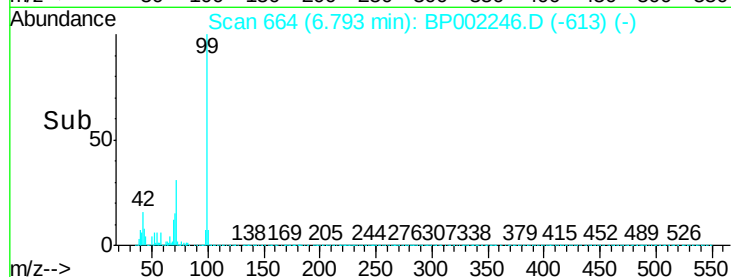
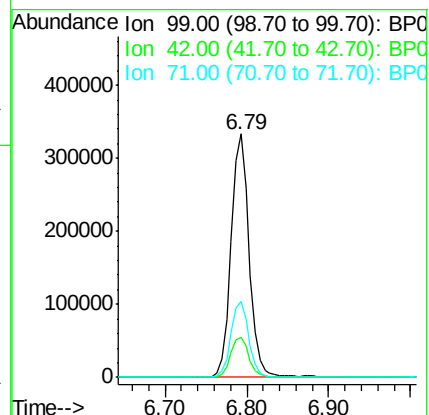
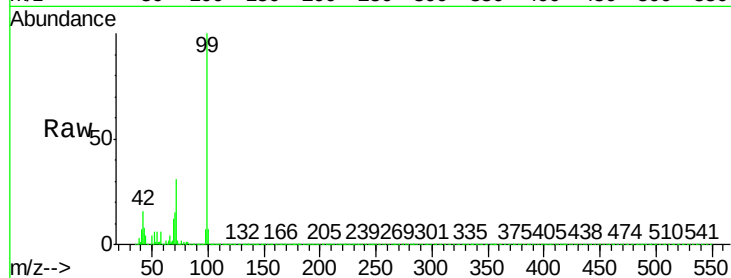
Tot Ion: 99 Resp: 510937

Ion Ratio Lower Upper

99 100

42 16.3 14.0 21.0

71 31.3 25.9 38.9



#9

Benzaldehyde

Concen: Below Cal

RT: 6.74 min Scan# 655

Delta R.T. -0.02 min

Lab File: BP002246.D

Acq: 05 May 2020 20:27

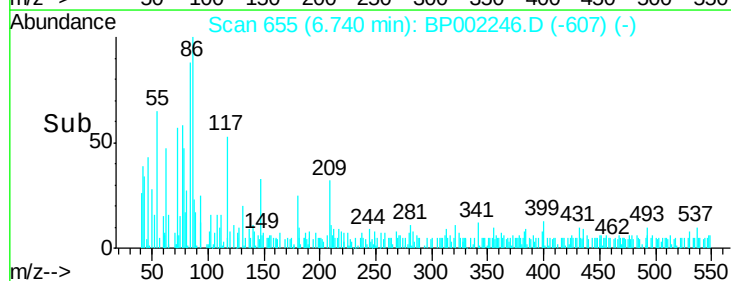
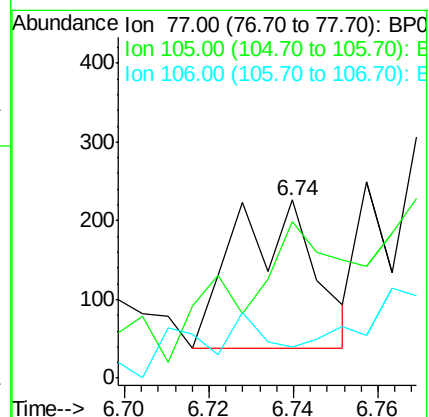
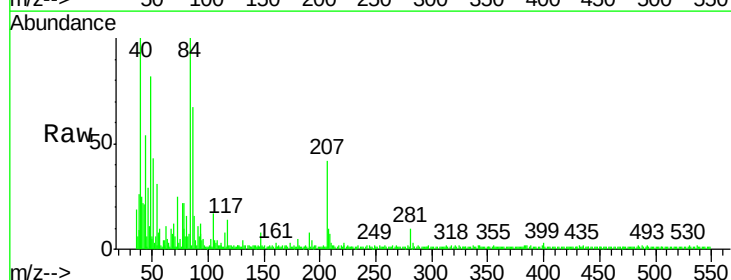
Tgt Ion: 77 Resp: 249

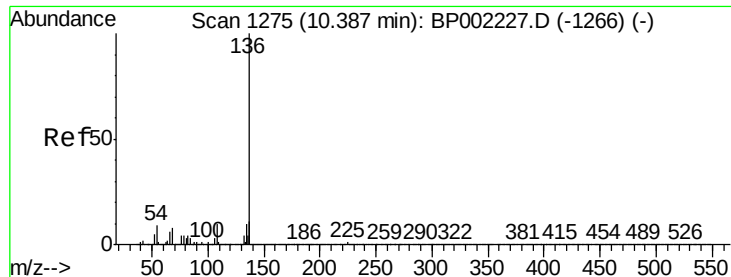
Ion Ratio Lower Upper

77 100

105 88.1 76.0 116.0

106 17.3 71.6 111.6#

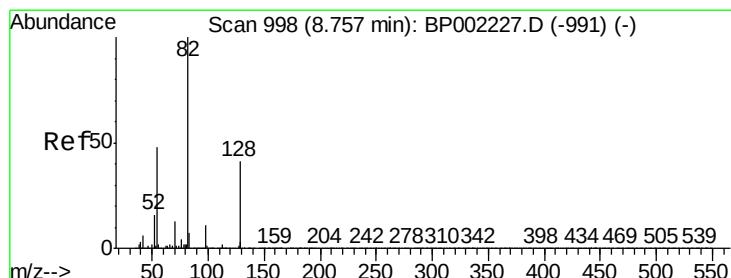
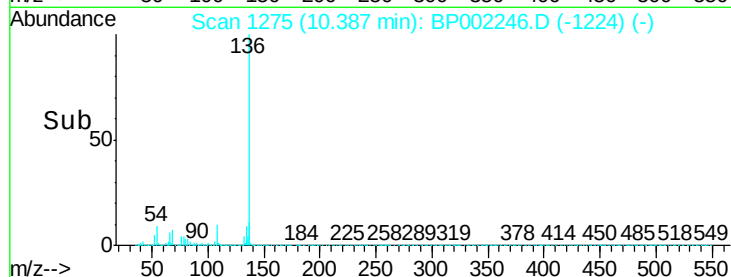
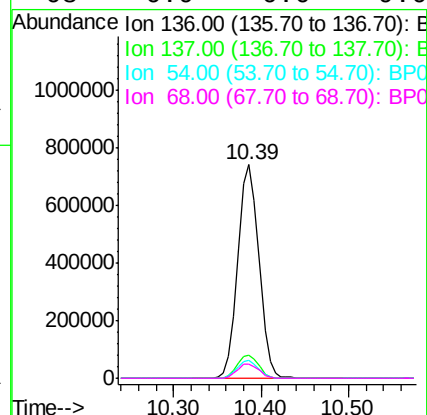
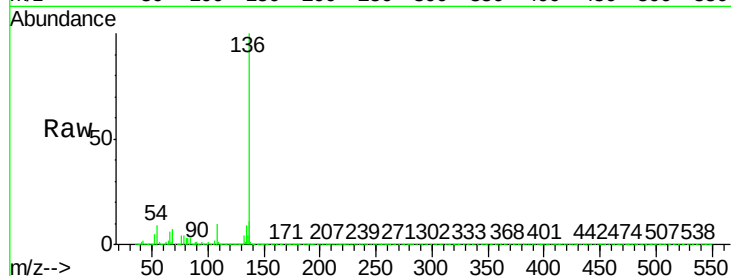




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

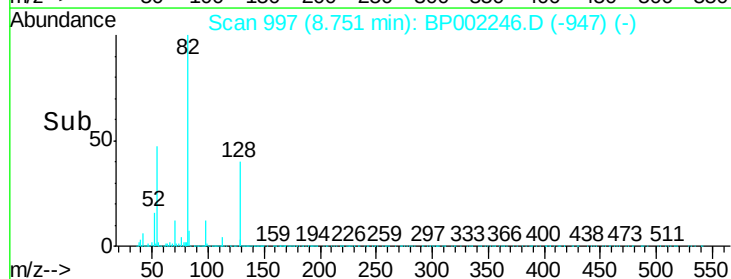
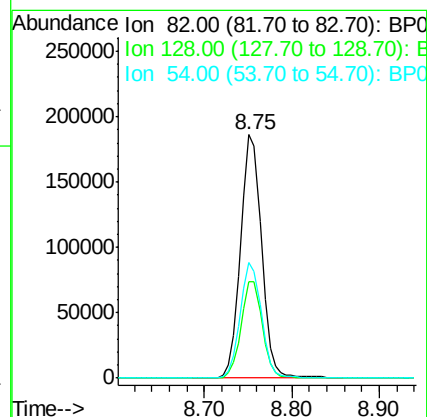
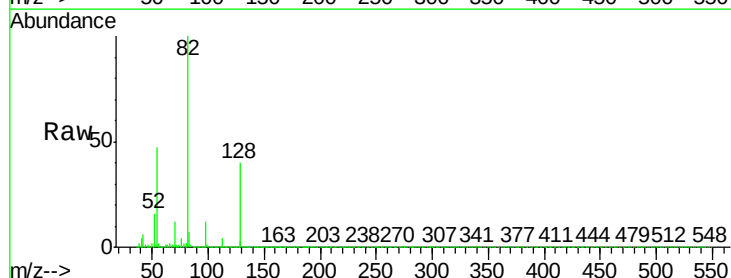
Instrument :
BNA_P
ClientSampleId :

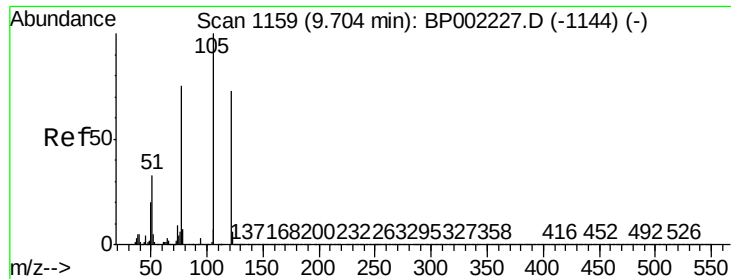
Tot Ion:136	Resp: 1211015
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.6
54 8.6	7.0 10.6
68 6.9	6.0 9.0



#23
Nitrobenzene-d5
Concen: 12.902 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Tgt	Ion: 82	Resp:	302563
Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.4	48.6
54	47.3	38.2	57.2

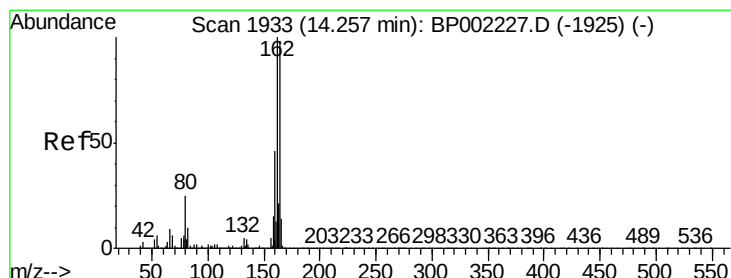
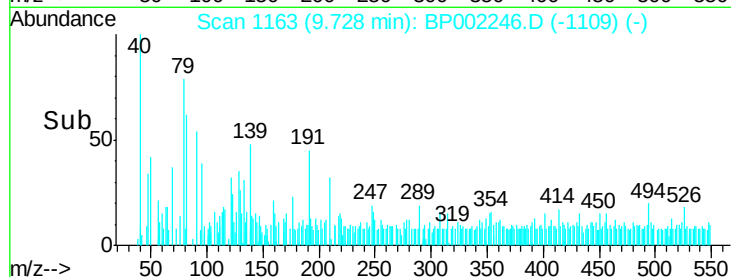
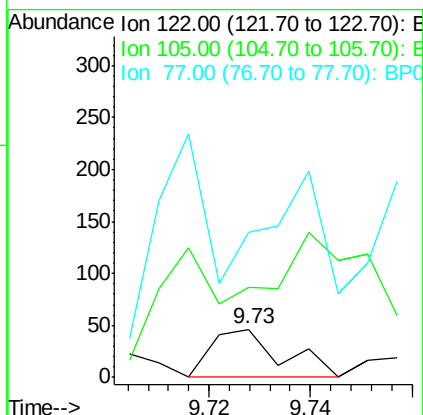
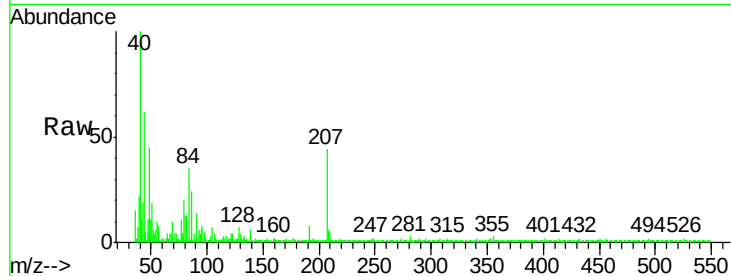




#32
Benzoic acid
Concen: 6.347 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

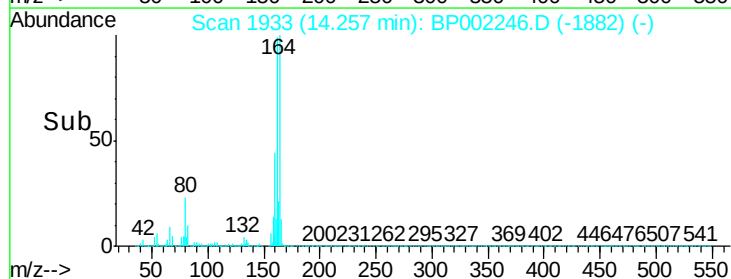
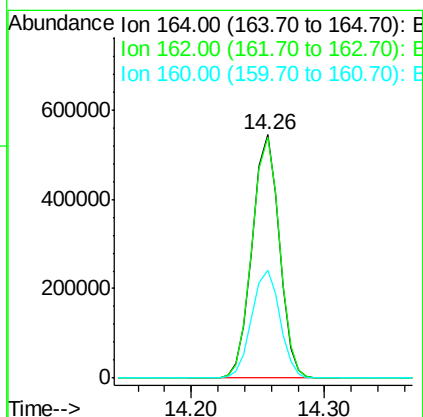
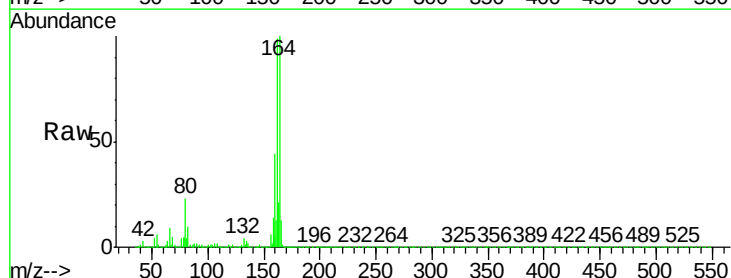
Instrument :
BNA_P
ClientSampleId :

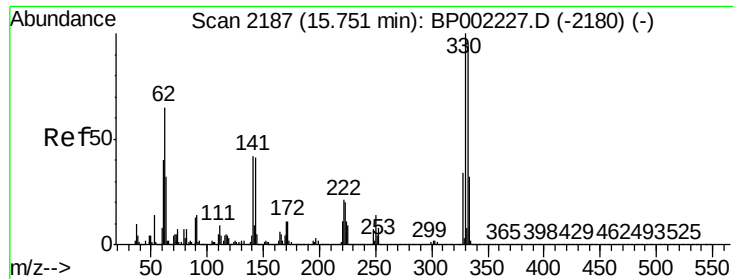
Tot Ion:122 Resp: 45
Ion Ratio Lower Upper
122 100
105 189.1 108.6 148.6#
77 304.3 79.2 119.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Tgt Ion:164 Resp: 762596
Ion Ratio Lower Upper
164 100
162 99.2 81.5 122.3
160 44.2 37.3 55.9

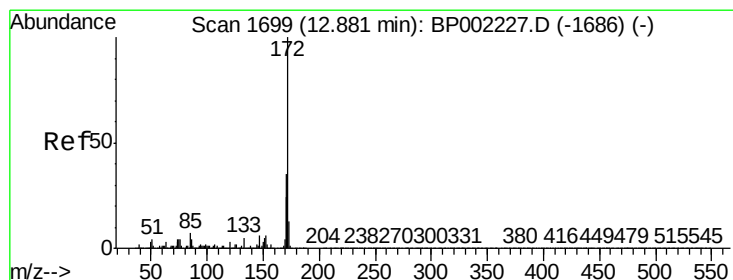
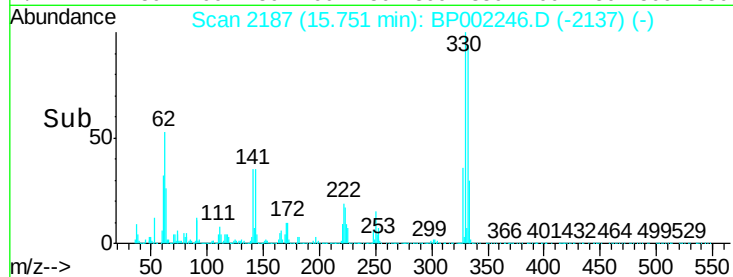
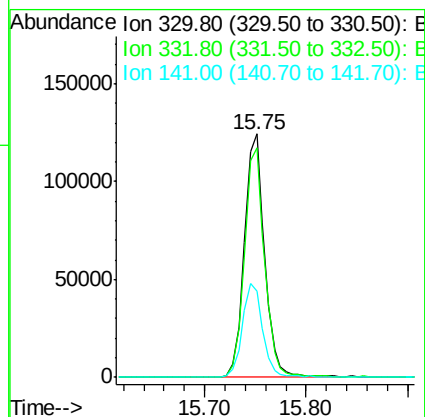
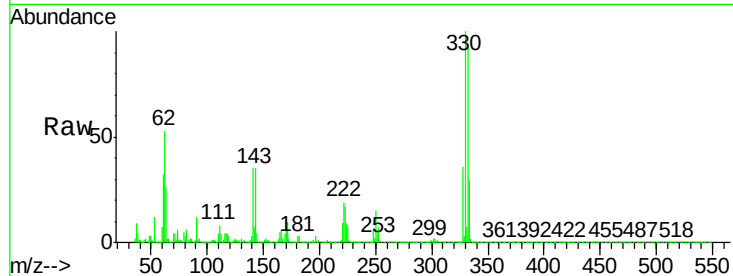




#42
2,4,6-Tribromophenol
Concen: 21.317 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

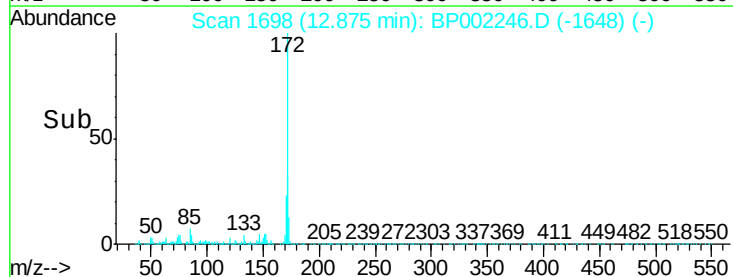
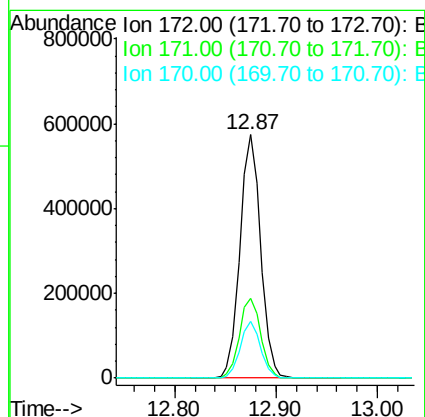
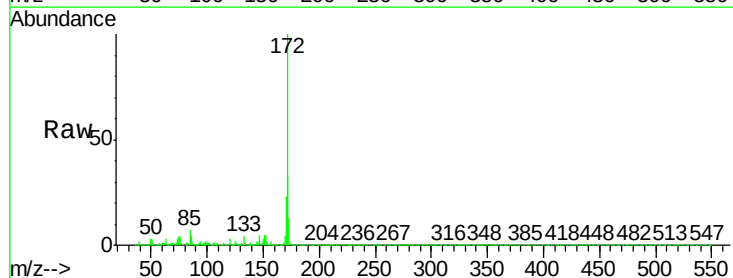
Instrument :
BNA_P
ClientSampleId :

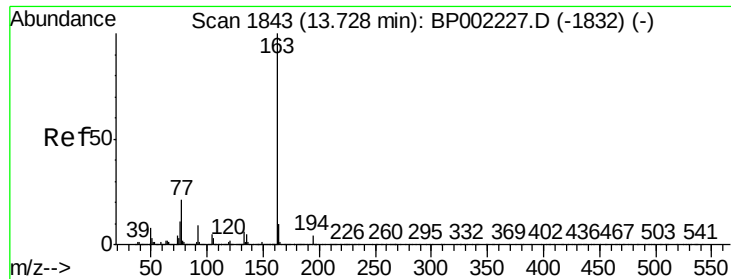
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.3	114.5
141	39.0	32.0	48.0



#45
2-Fluorobiphenyl
Concen: 14.967 ng
RT: 12.87 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.6	27.9	41.9
170	23.1	19.0	28.6

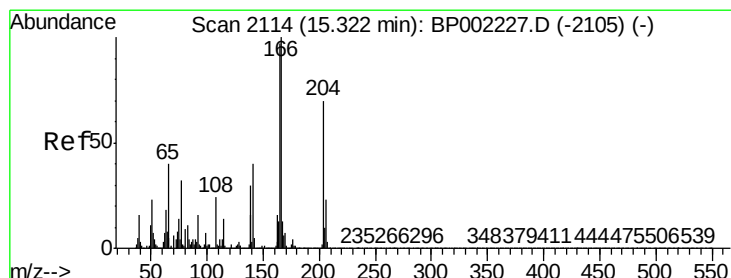
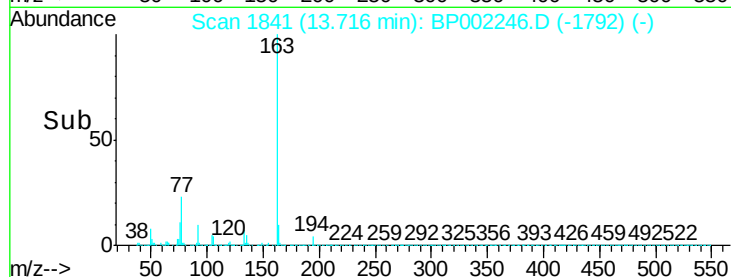
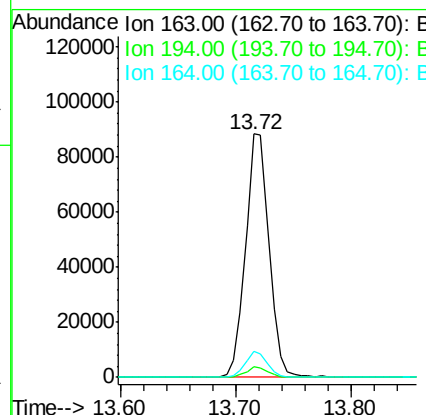
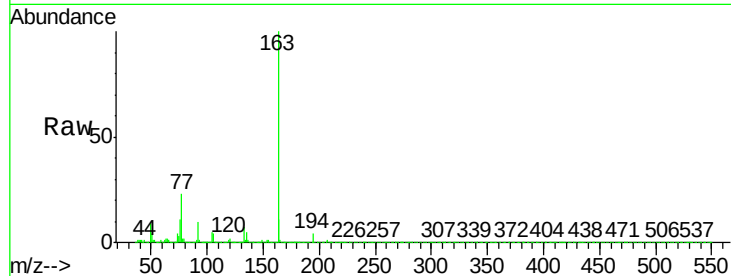




#50
Dimethylphthalate
Concen: 2.082 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

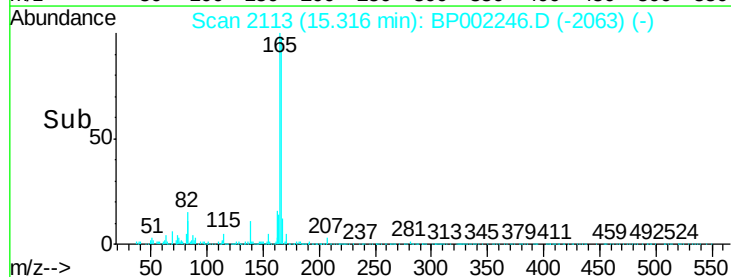
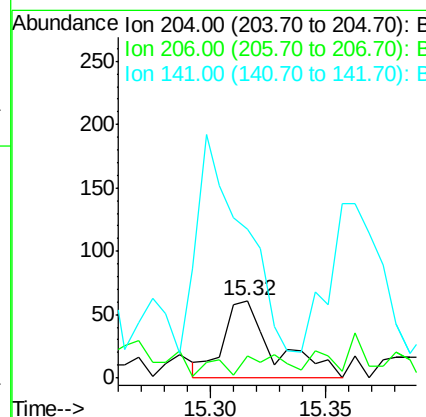
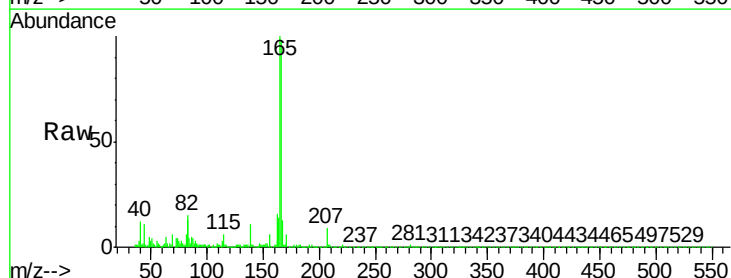
Instrument :
BNA_P
ClientSampleId :

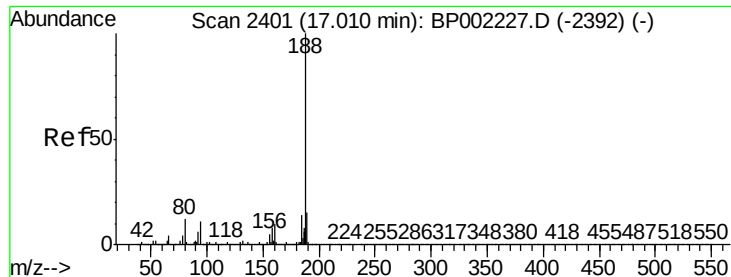
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.5	7.8	11.8



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.32 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	27.9	26.2	39.4
141	191.8	46.2	69.2#

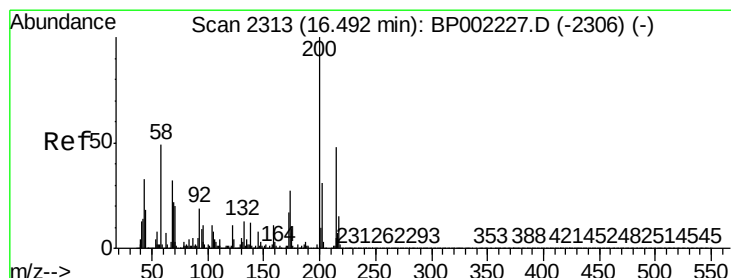
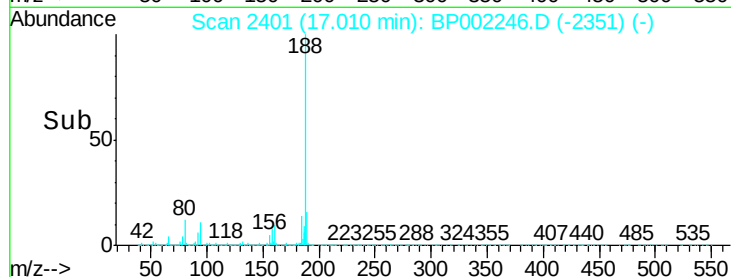
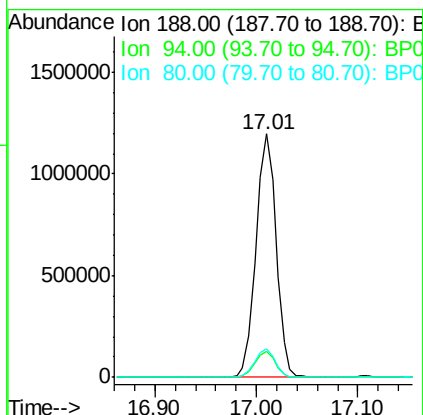
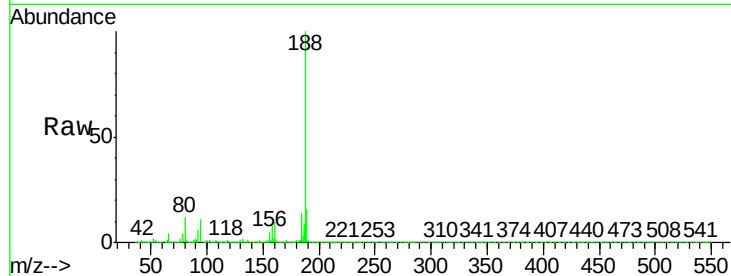




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

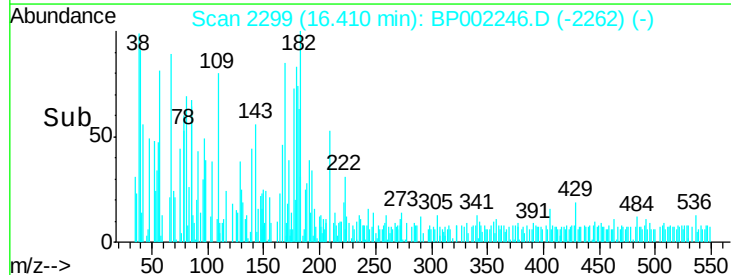
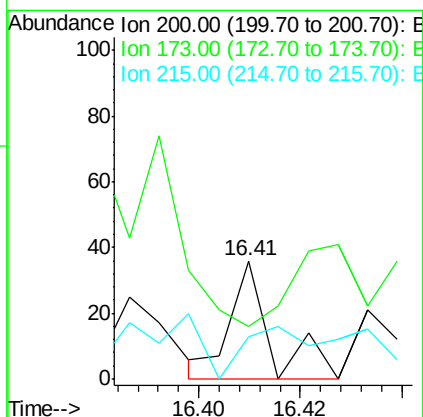
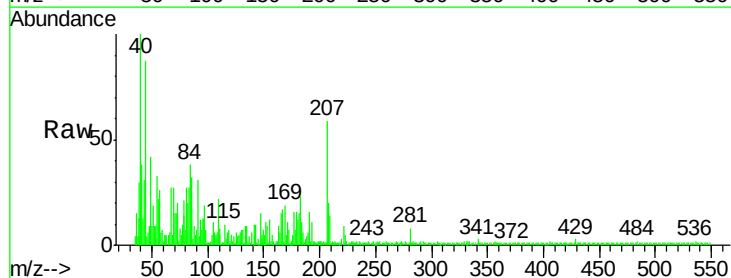
Instrument :
BNA_P
ClientSampleId :

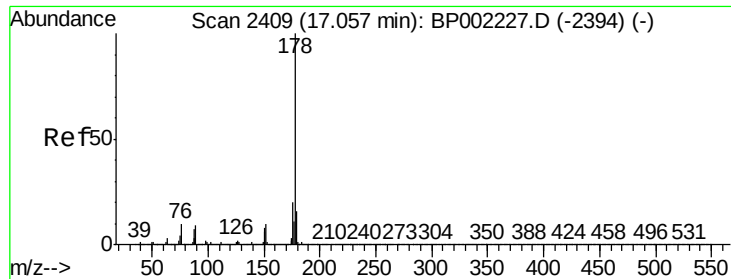
Tot Ion:188 Resp: 1663439
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 11.7 9.8 14.6



#69
Atrazine
Concen: 2.263 ng
RT: 16.41 min Scan# 2299
Delta R.T. -0.08 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Tgt Ion:200 Resp: 20
Ion Ratio Lower Upper
200 100
173 44.4 6.6 46.6
215 36.1 27.7 67.7

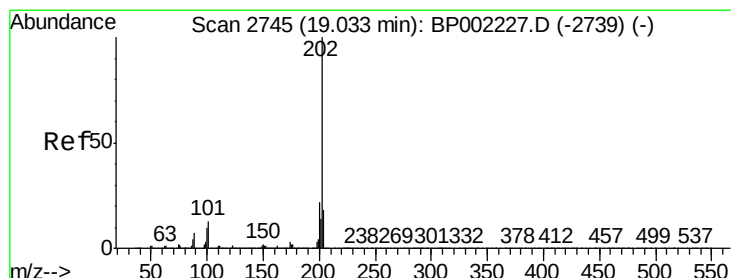
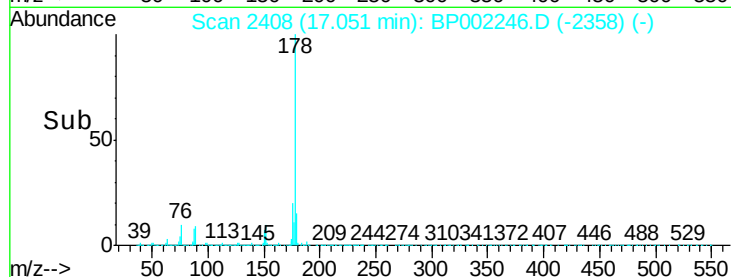
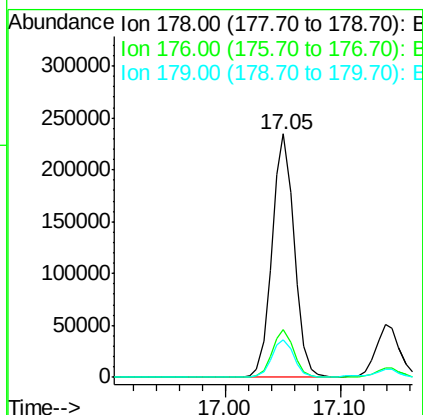
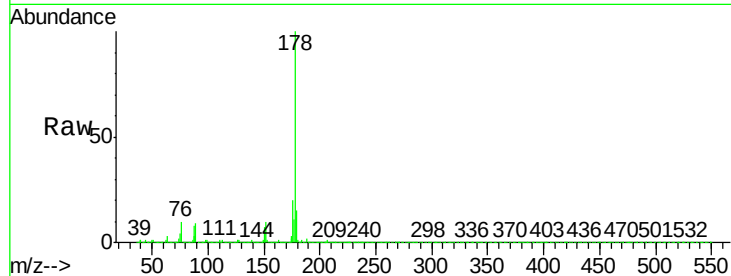




#71
Phenanthrene
Concen: 3.353 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

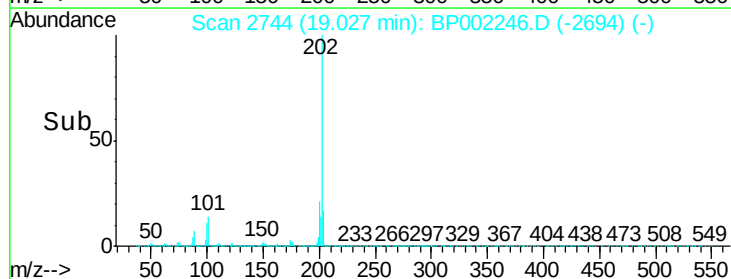
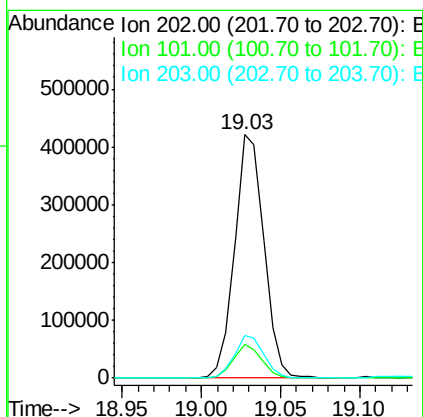
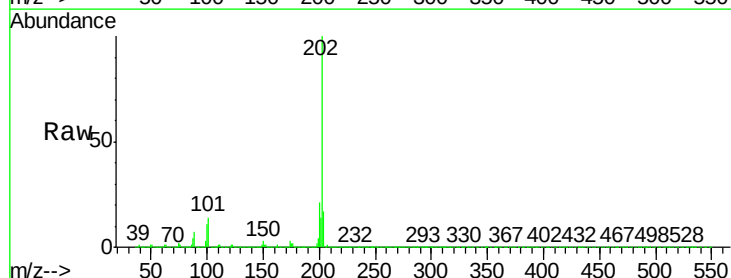
Instrument :
BNA_P
ClientSampleId :

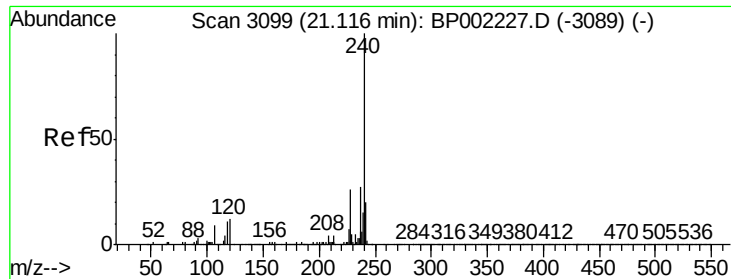
Tot Ion:178 Resp: 313621
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.4 12.6 18.8



#75
Fluoranthene
Concen: 5.011 ng
RT: 19.03 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Tgt Ion:202 Resp: 537796
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.3
203 17.3 0.0 38.2

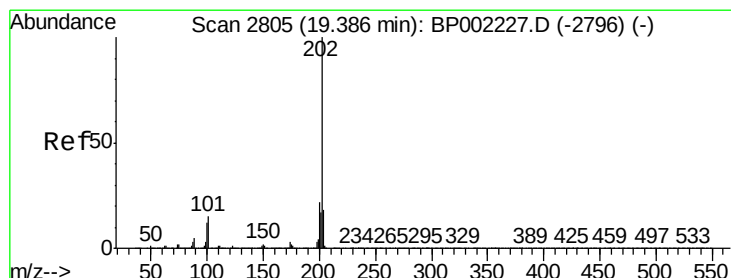
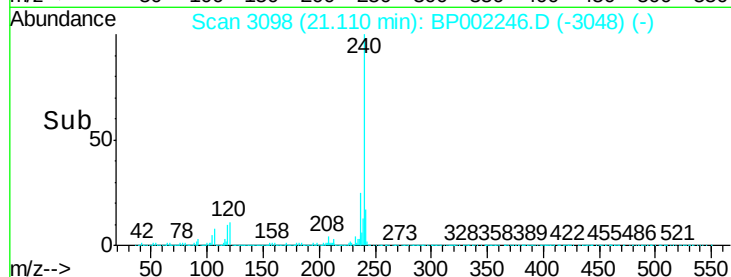
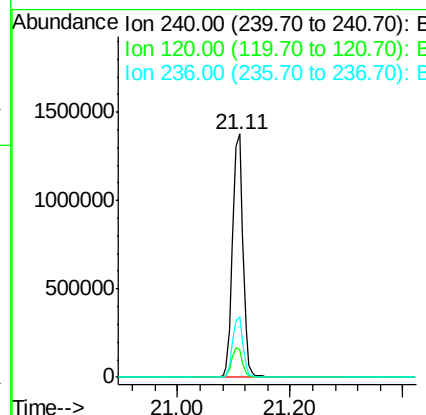
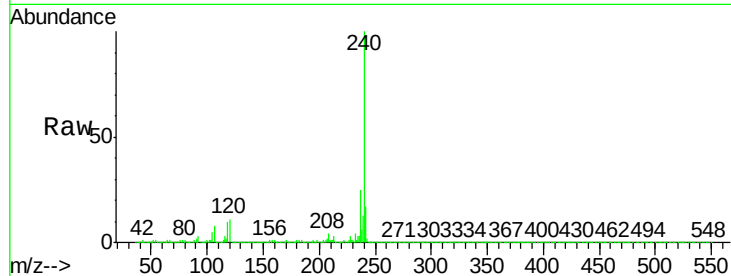




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

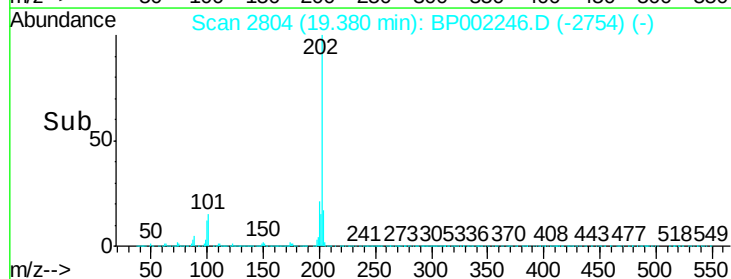
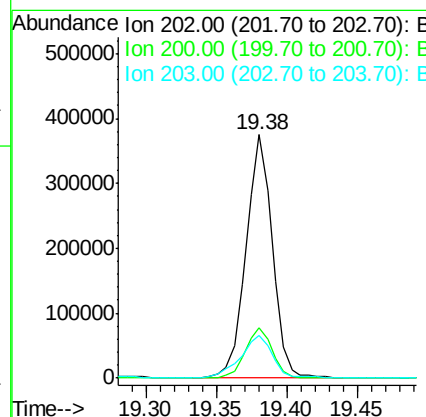
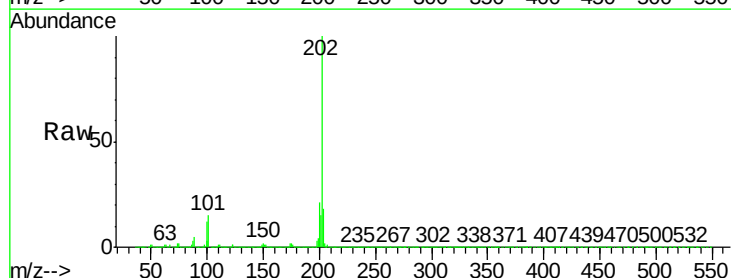
Instrument :
BNA_P
ClientSampleId :

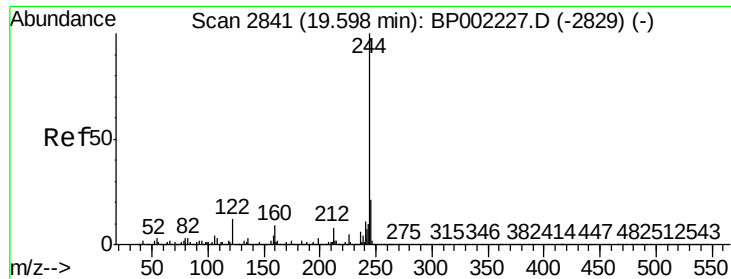
Tot Ion:240 Resp: 1768095
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.0
236 24.9 21.8 32.6



#78
Pyrene
Concen: 4.057 ng
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Tgt Ion:202 Resp: 487259
Ion Ratio Lower Upper
202 100
200 20.6 17.3 25.9
203 17.6 14.2 21.2

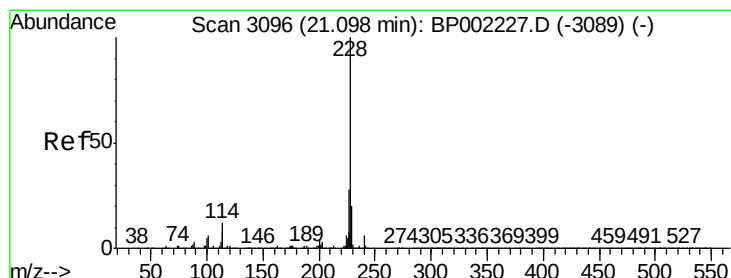
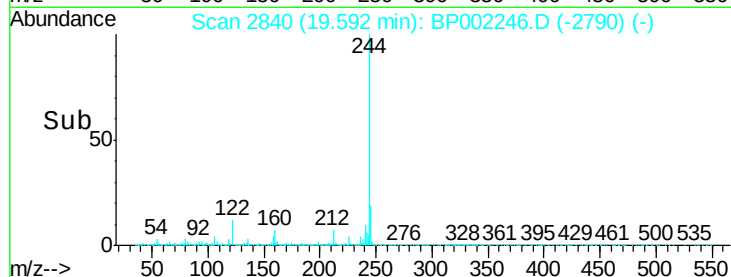
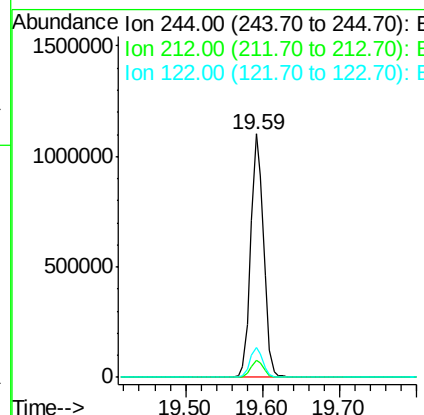
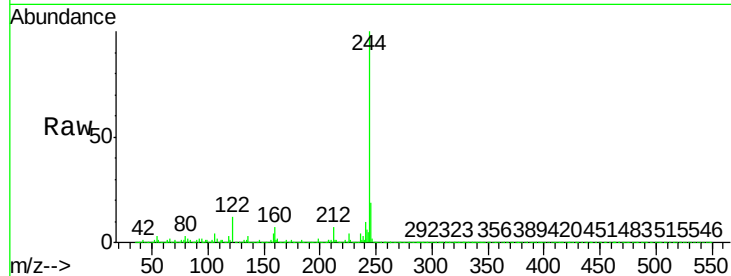




#79
 Terphenyl-d14
 Concen: 17.943 ng
 RT: 19.59 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BP002246.D
 Acq: 05 May 2020 20:27

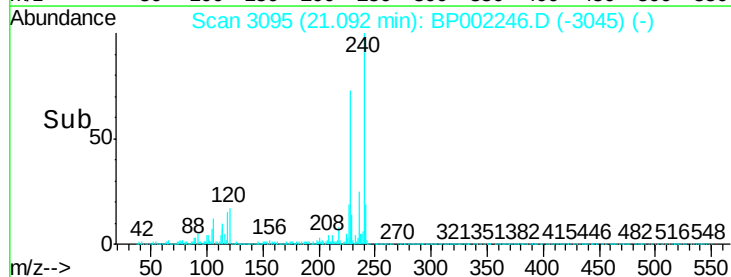
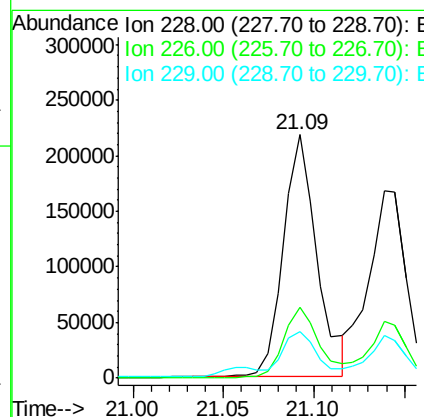
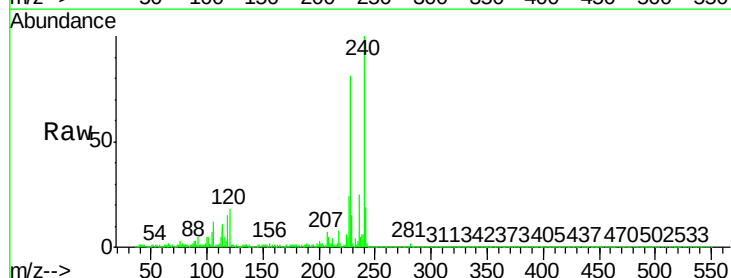
Instrument :
 BNA_P
 ClientSampled :

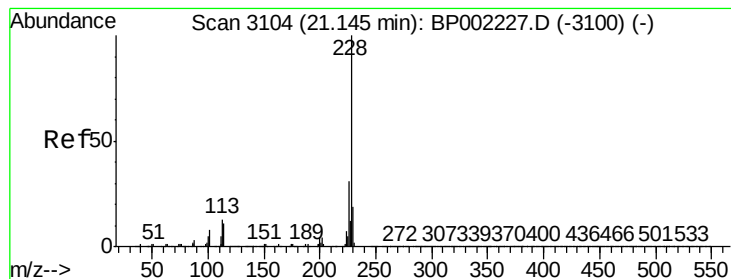
Tot Ion:244 Resp: 1294572
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.6 9.8
 122 12.4 9.5 14.3



#81
 Benzo(a)anthracene
 Concen: 2.459 ng
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BP002246.D
 Acq: 05 May 2020 20:27

Tgt Ion:228 Resp: 282023
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.1 33.1
 229 19.1 15.8 23.8





#83

Chrysene

Concen: 2.504 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.06 min

Lab File: BP002246.D

Acq: 05 May 2020 20:27

Instrument :

BNA_P

ClientSampled :

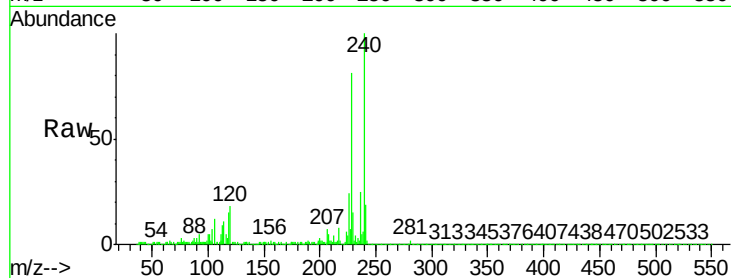
Tot Ion:228 Resp: 282023

Ion Ratio Lower Upper

228 100

226 29.1 24.9 37.3

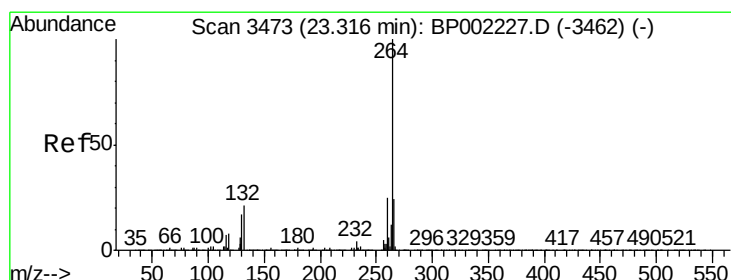
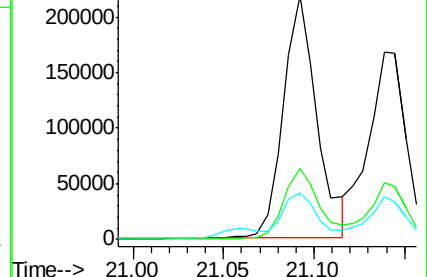
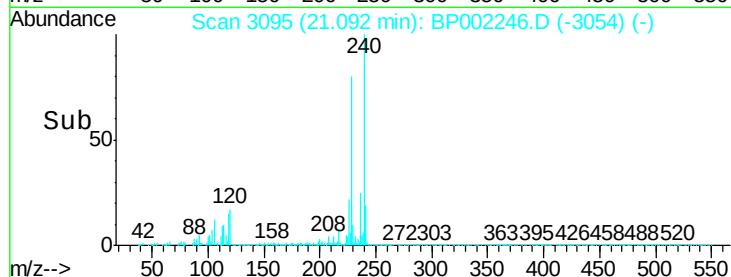
229 19.1 15.1 22.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.31 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BP002246.D

Acq: 05 May 2020 20:27

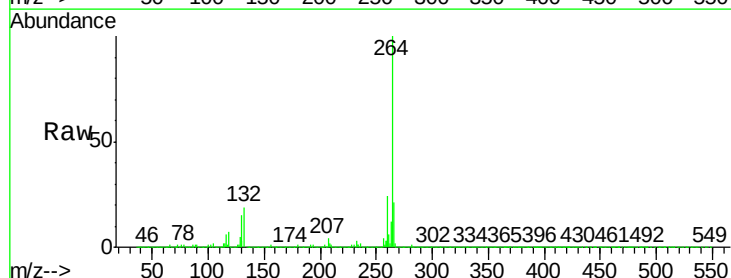
Tgt Ion:264 Resp: 1798649

Ion Ratio Lower Upper

264 100

260 23.7 20.4 30.6

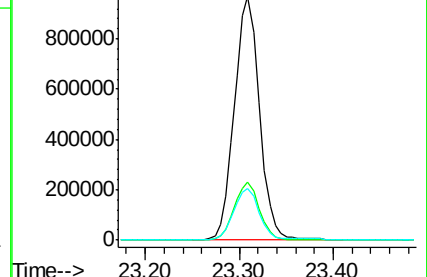
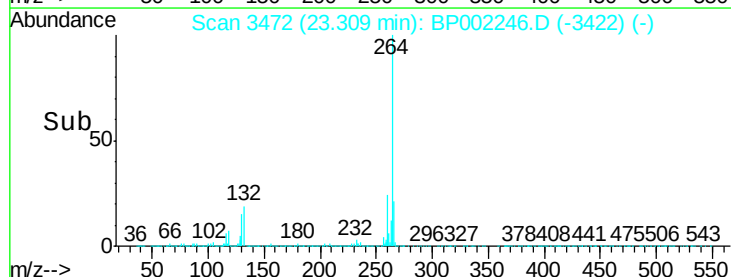
265 21.3 19.0 28.4

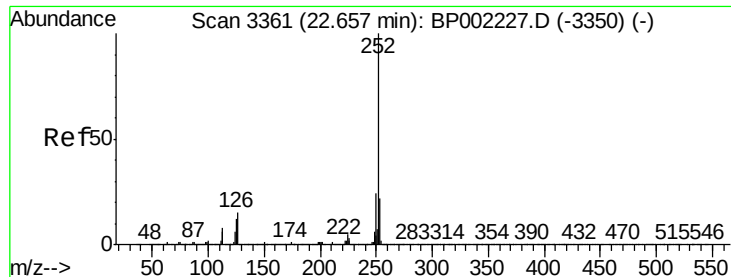


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

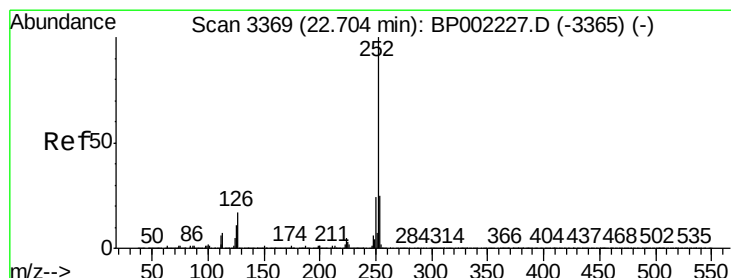
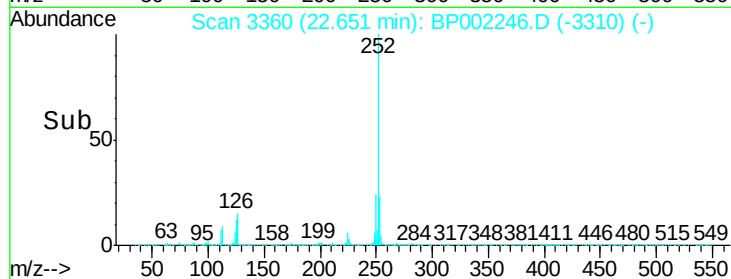
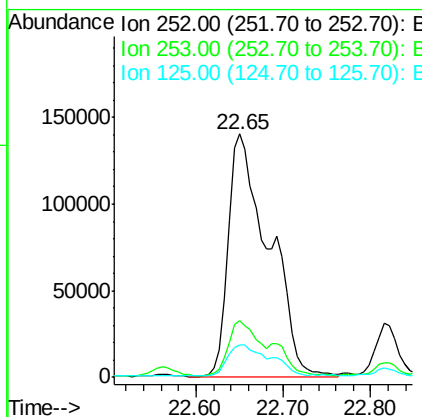
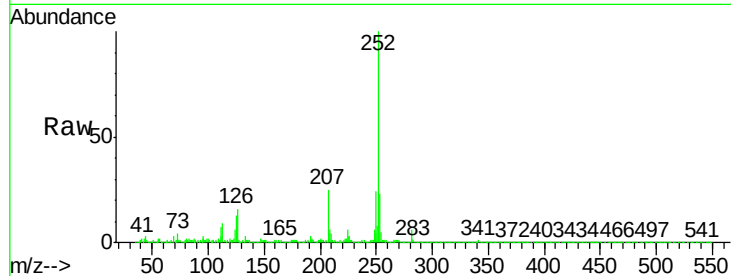




#88
Benzo(b)fluoranthene
Concen: 4.084 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

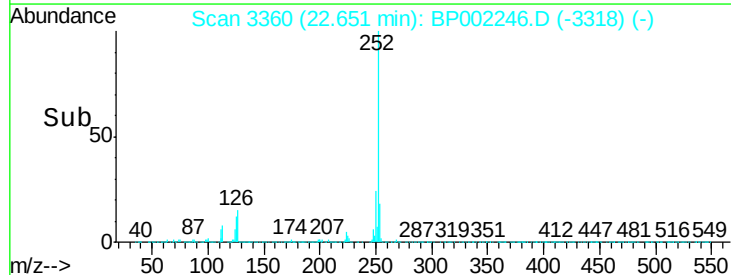
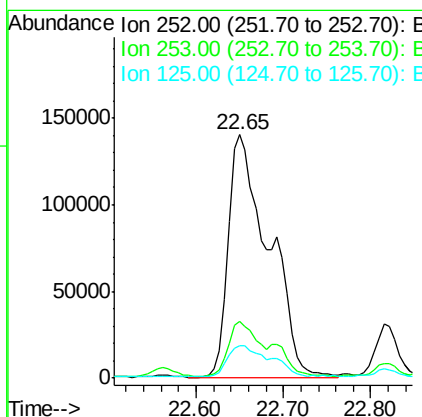
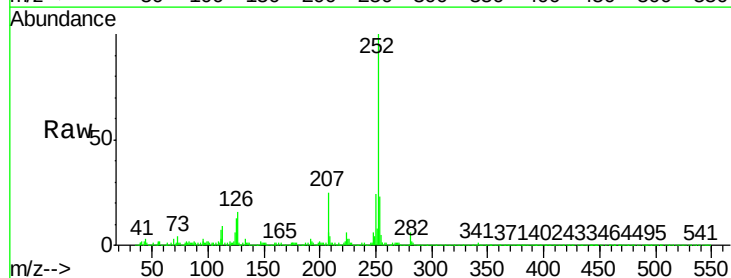
Instrument :
BNA_P
ClientSampleId :

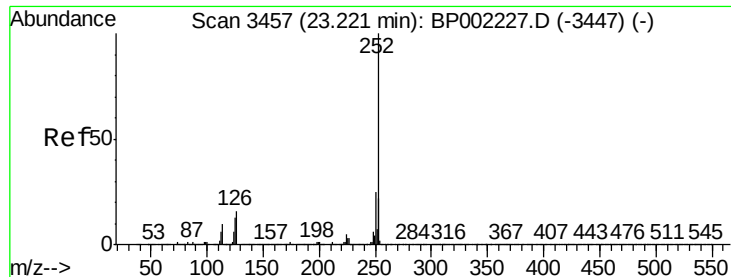
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	13.2	9.4	14.0



#89
Benzo(k)fluoranthene
Concen: 3.987 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BP002246.D
Acq: 05 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.0
125	13.2	9.1	13.7





#90

Benzo(a)pyrene

Concen: 2.242 ng

RT: 23.22 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BP002246.D

Acq: 05 May 2020 20:27

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 252 Resp: 233434

Ion Ratio Lower Upper

252 100

253 19.7 17.5 26.3

125 12.4 10.2 15.2

