

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040821\
 Data File : BP005239.D
 Acq On : 08 Apr 2021 16:59
 Operator : CG/JU
 Sample : M1973-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-040721

Quant Time: Apr 08 17:41:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

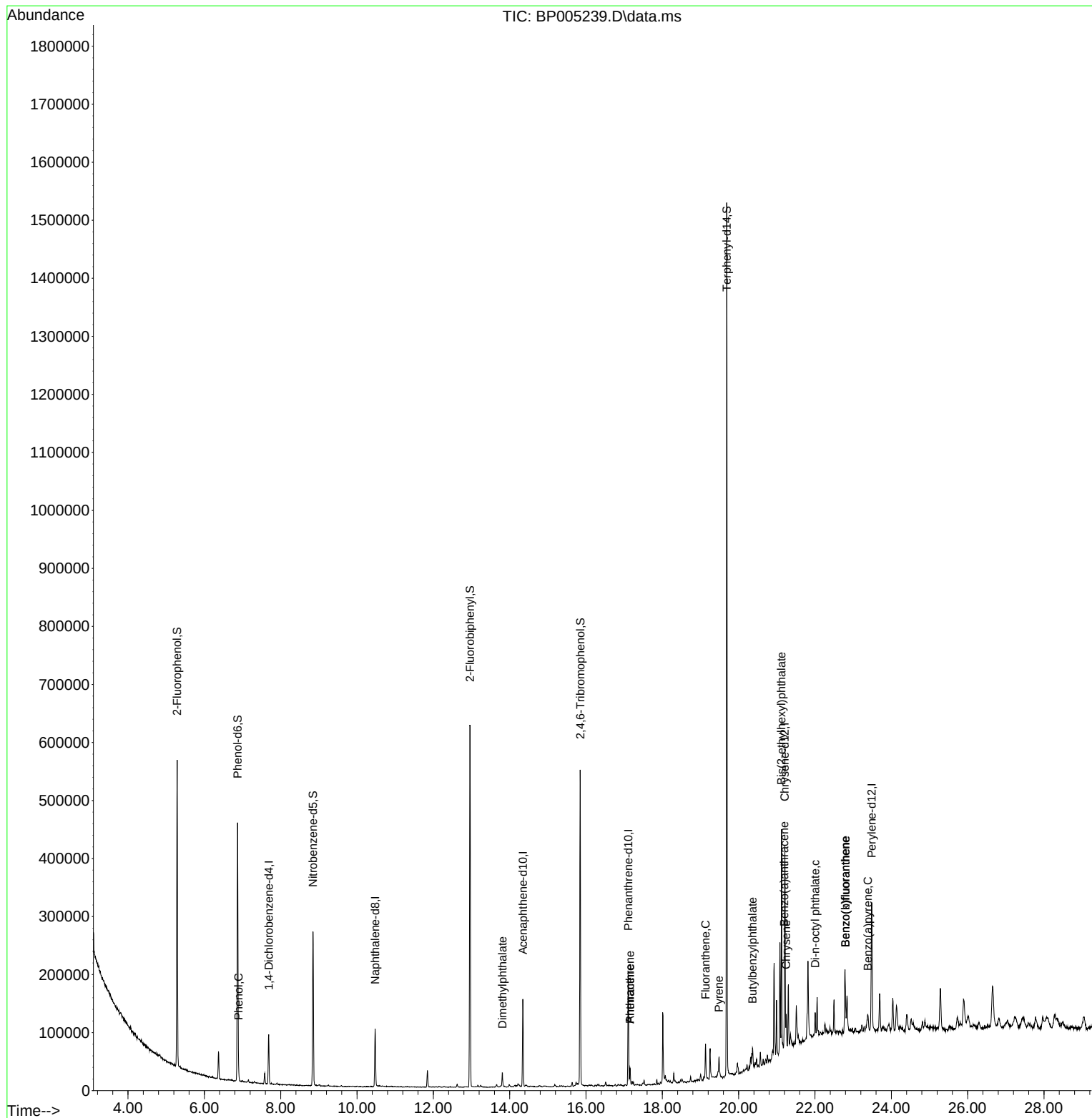
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	21440	20.00	ng	# 0.00
21) Naphthalene-d8	10.475	136	75147	20.00	ng	#-0.01
39) Acenaphthene-d10	14.346	164	48776	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	108455	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	149593	20.00	ng	0.00
86) Perylene-d12	23.486	264	164013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	217750	156.30	ng	0.00
7) Phenol-d6	6.869	99	252329	126.44	ng	-0.01
23) Nitrobenzene-d5	8.846	82	162469	92.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	104779	164.87	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	314366	87.19	ng	0.00
79) Terphenyl-d14	19.686	244	665860	81.03	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.899	94	7344	3.59	ng	76
50) Dimethylphthalate	13.810	163	14731	3.92	ng	# 99
71) Phenanthrene	17.151	178	12791	2.03	ng	97
72) Anthracene	17.151	178	12791	2.08	ng	97
75) Fluoranthene	19.134	202	29754	4.02	ng	96
78) Pyrene	19.486	202	22812	2.22	ng	95
80) Butylbenzylphthalate	20.363	149	8466	2.22	ng	# 72
81) Benzo(a)anthracene	21.198	228	23188	2.28	ng	94
83) Chrysene	21.245	228	30665	3.07	ng	97
84) Bis(2-ethylhexyl)phtha...	21.122	149	127131	22.73	ng	98
85) Di-n-octyl phthalate	22.004	149	22562	2.39	ng	# 88
88) Benzo(b)fluoranthene	22.798	252	38099	3.27	ng	97
89) Benzo(k)fluoranthene	22.798	252	38099	3.41	ng	97
90) Benzo(a)pyrene	23.386	252	23461	2.25	ng	98

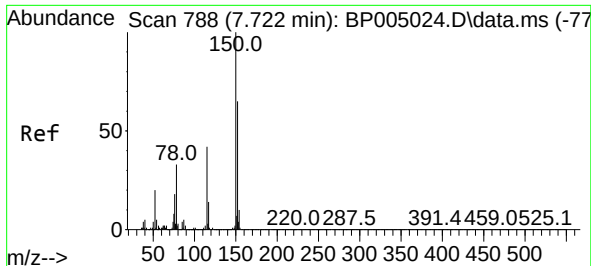
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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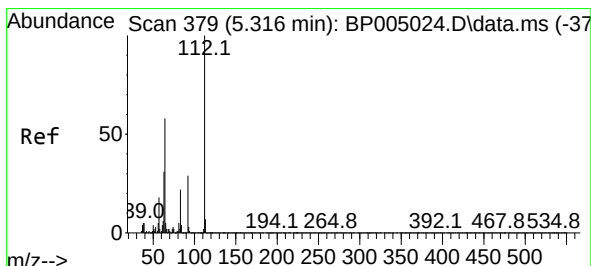
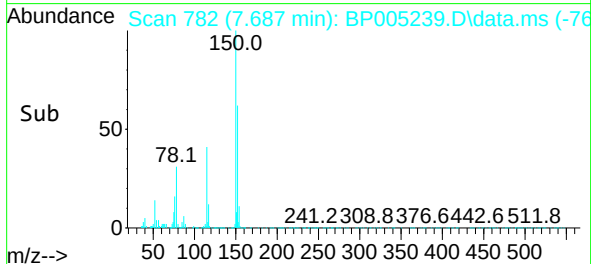
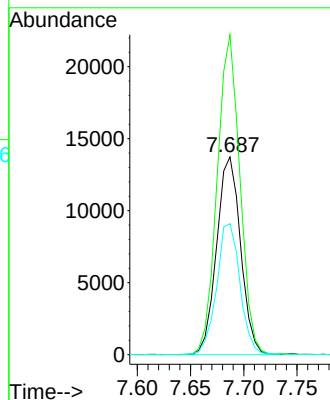
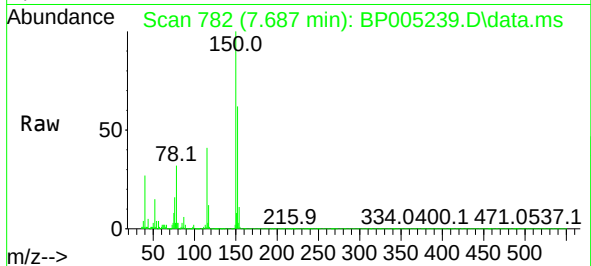




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

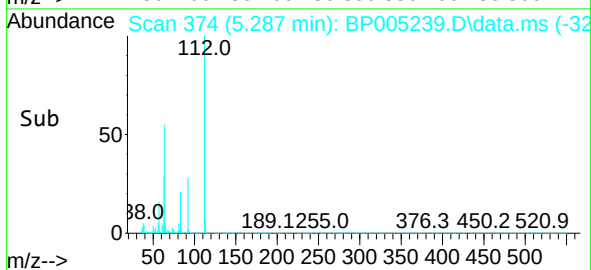
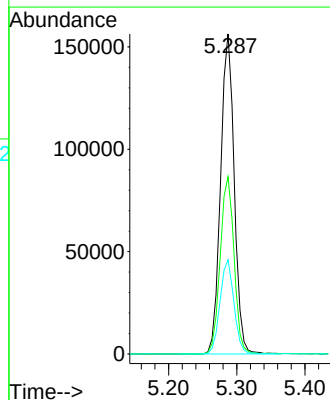
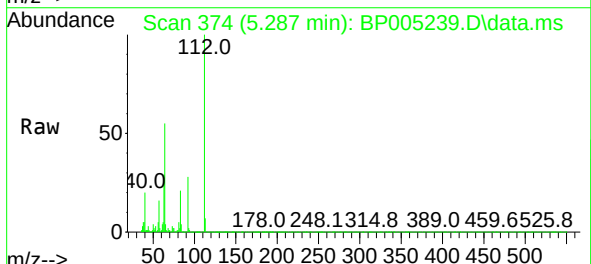
Instrument :
BNA_P
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BU-02-040721

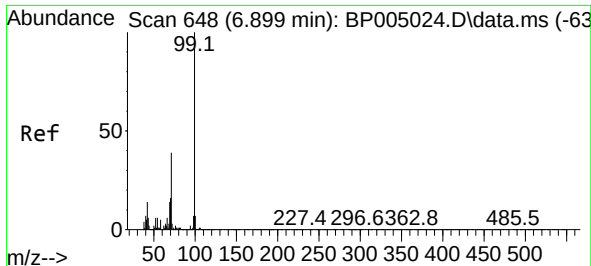
Tgt Ion:152 Resp: 21440
Ion Ratio Lower Upper
152 100
150 161.8 123.8 185.6
115 66.3 43.8 65.6#



#5
2-Fluorophenol
Concen: 156.30 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:112 Resp: 217750
Ion Ratio Lower Upper
112 100
64 55.4 32.8 49.2#
63 29.5 17.0 25.4#

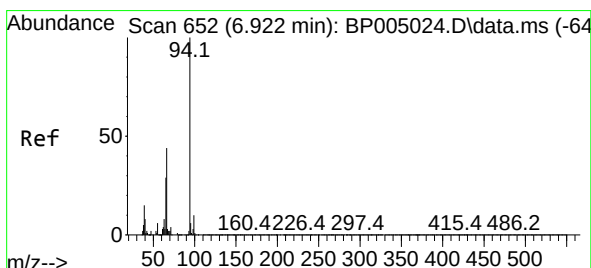
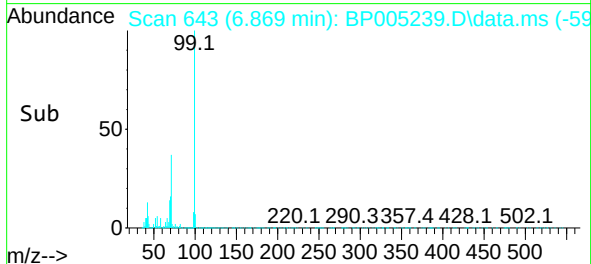
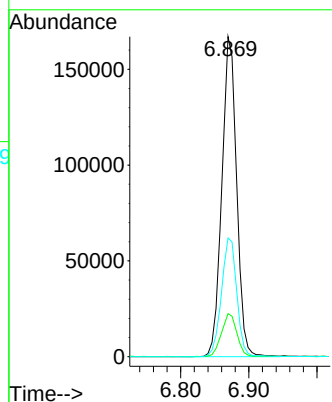
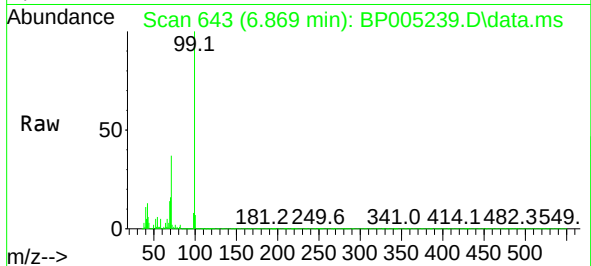




#7
Phenol-d6
Concen: 126.44 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

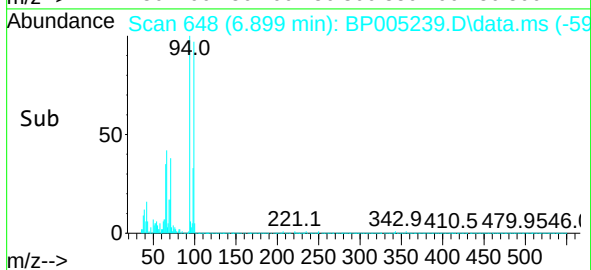
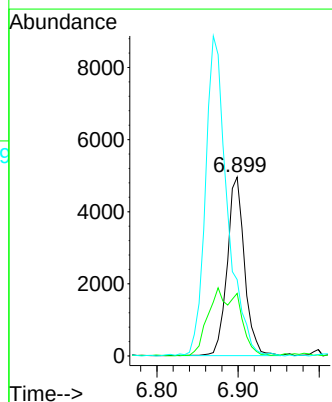
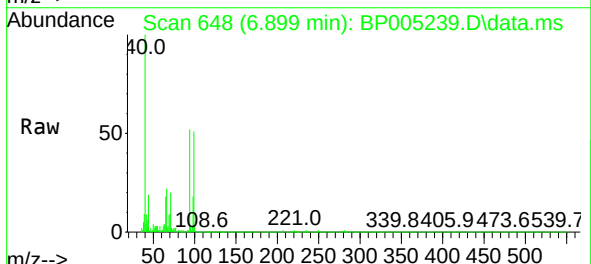
Instrument :
BNA_P
ClientSampleId :
BU-02-040721

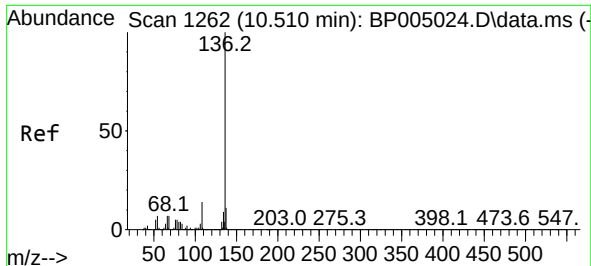
Tgt Ion: 99 Resp: 252329
Ion Ratio Lower Upper
99 100
42 13.4 8.6 13.0#
71 37.1 23.4 35.2#



#10
Phenol
Concen: 3.59 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion: 94 Resp: 7344
Ion Ratio Lower Upper
94 100
65 35.0 2.3 42.3
66 42.7 10.9 50.9

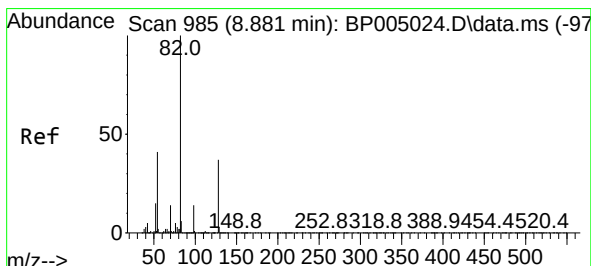
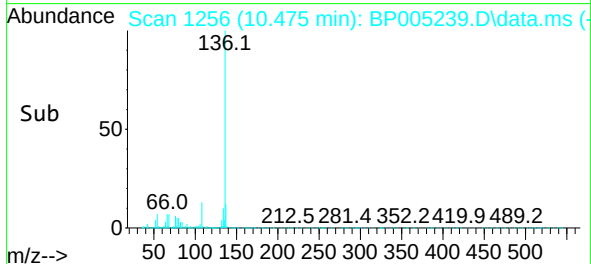
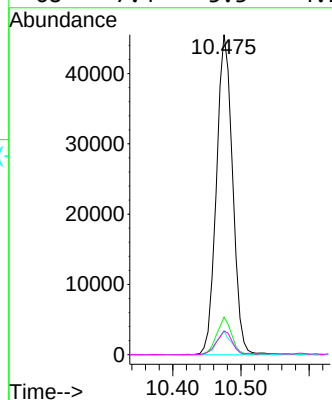
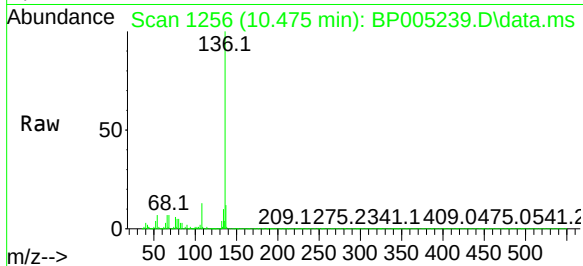




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

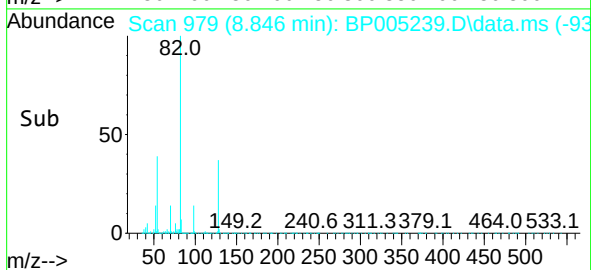
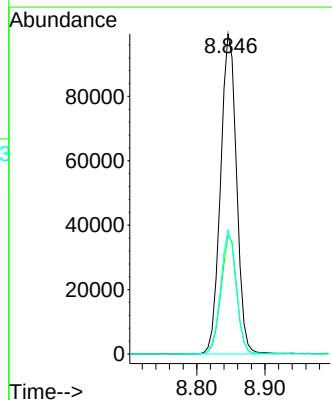
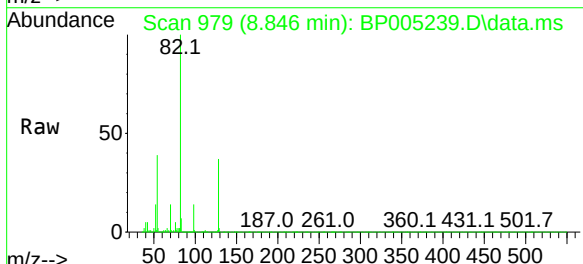
Instrument :
BNA_P
ClientSampleId :
BU-02-040721

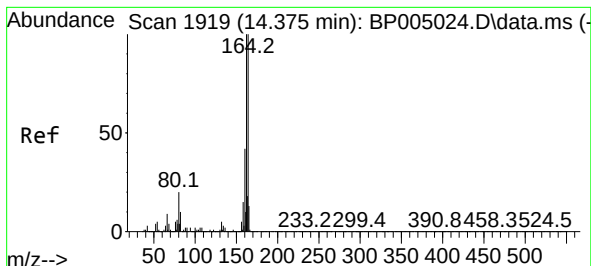
Tgt Ion:	136	Resp:	75147
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	13.0
54	7.4	3.6	5.4#
68	7.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 92.77 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.012 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:	82	Resp:	162469
Ion	Ratio	Lower	Upper
82	100		
128	37.0	45.6	68.4#
54	38.7	30.1	45.1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.346 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP005239.D

Acq: 08 Apr 2021 16:59

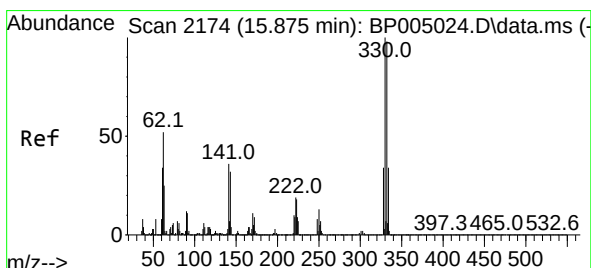
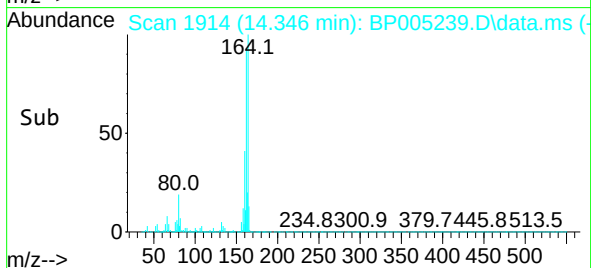
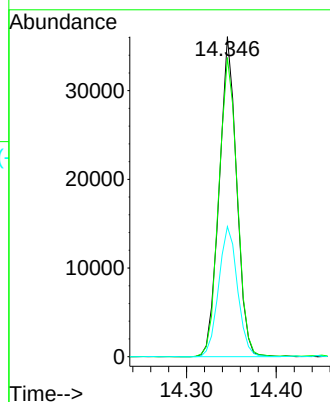
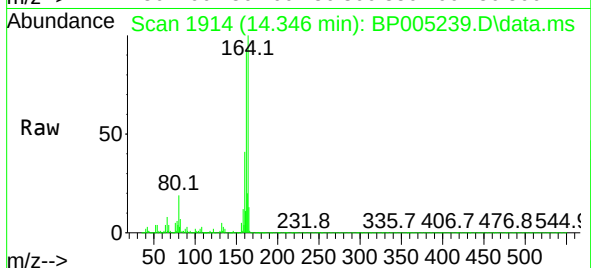
Tgt Ion:164 Resp: 48776

Ion Ratio Lower Upper

164 100

162 93.4 79.4 119.2

160 40.6 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 164.87 ng

RT: 15.851 min Scan# 2170

Delta R.T. -0.006 min

Lab File: BP005239.D

Acq: 08 Apr 2021 16:59

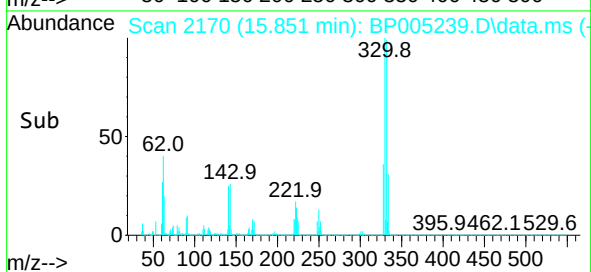
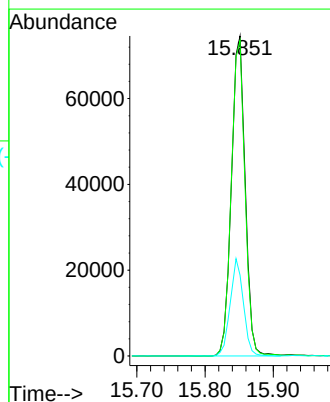
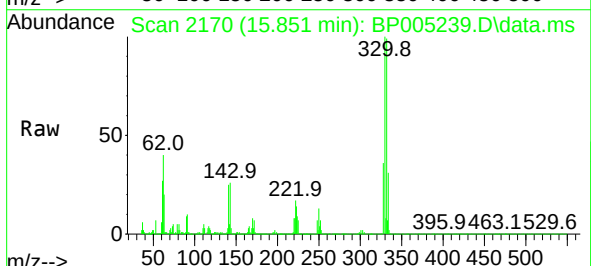
Tgt Ion:330 Resp: 104779

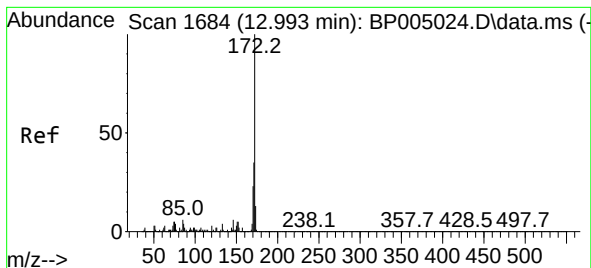
Ion Ratio Lower Upper

330 100

332 98.2 77.1 115.7

141 29.1 23.4 35.2

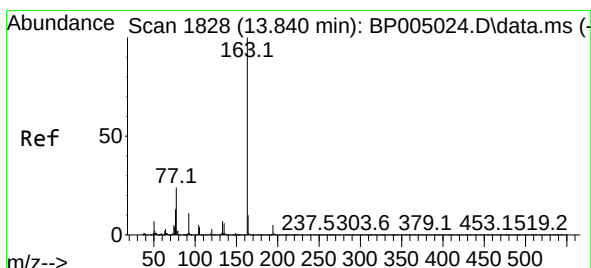
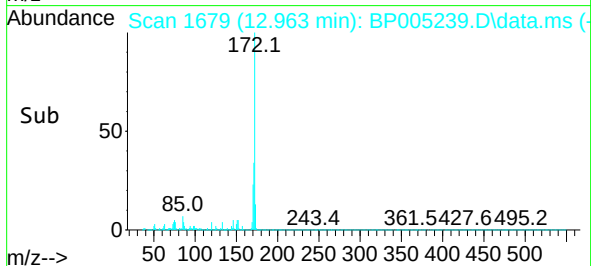
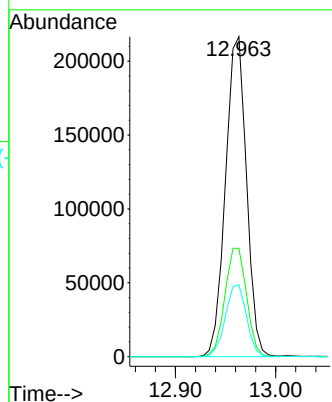
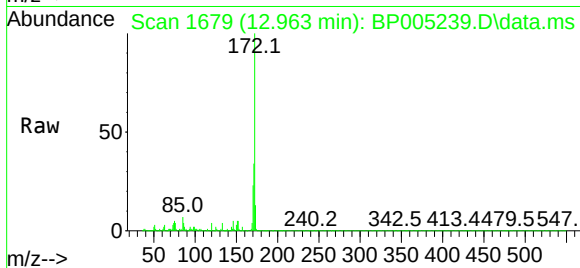




#45
2-Fluorobiphenyl
Concen: 87.19 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

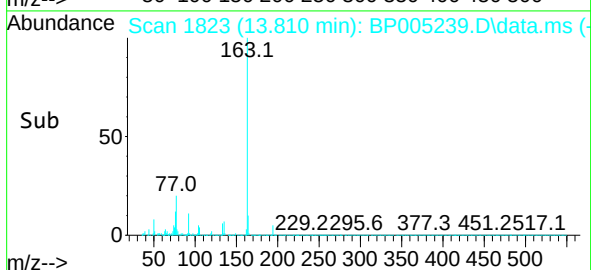
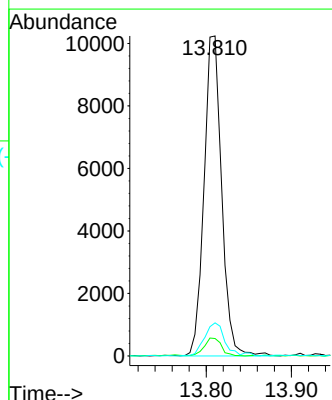
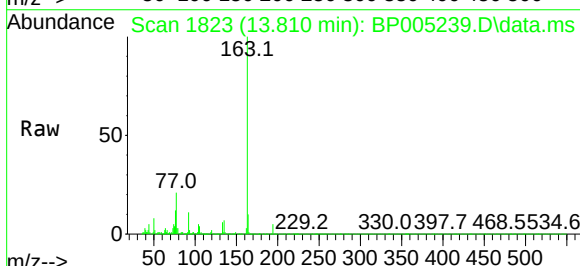
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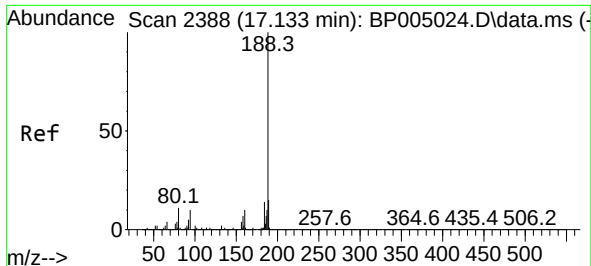
Tgt Ion:172 Resp: 314366
Ion Ratio Lower Upper
172 100
171 33.9 28.5 42.7
170 22.5 19.2 28.8



#50
Dimethylphthalate
Concen: 3.92 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:163 Resp: 14731
Ion Ratio Lower Upper
163 100
194 5.4 3.3 4.9#
164 10.4 8.2 12.2

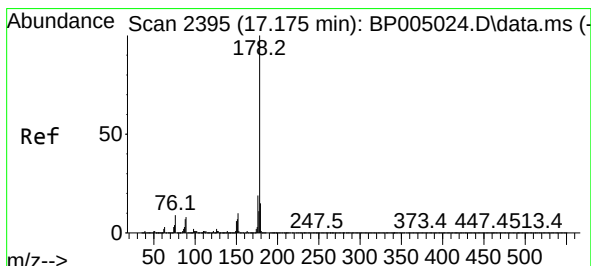
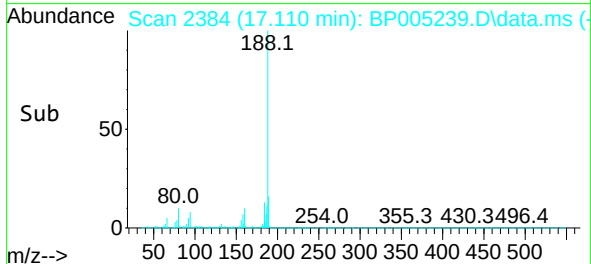
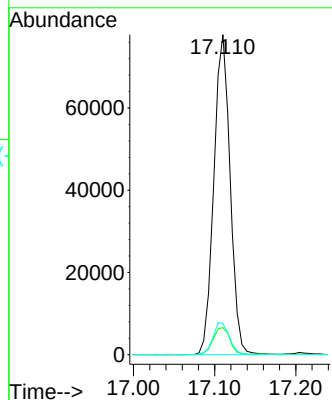
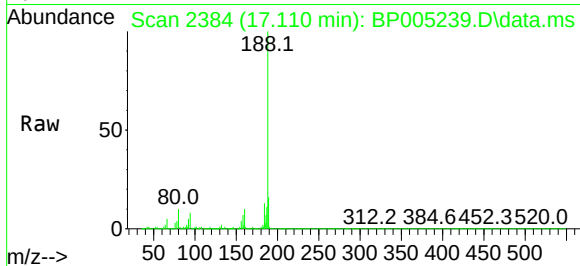




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

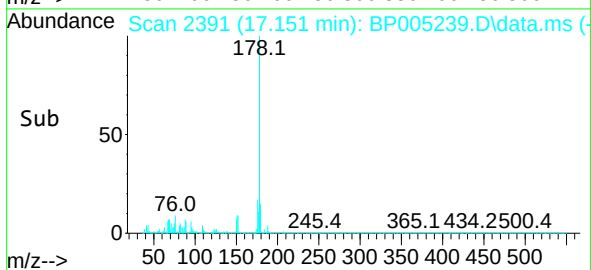
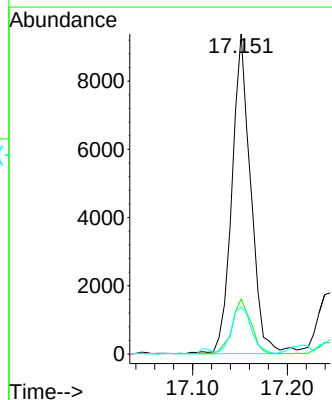
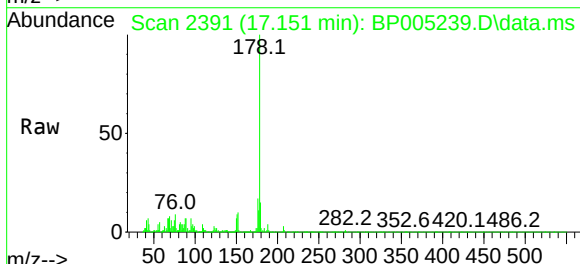
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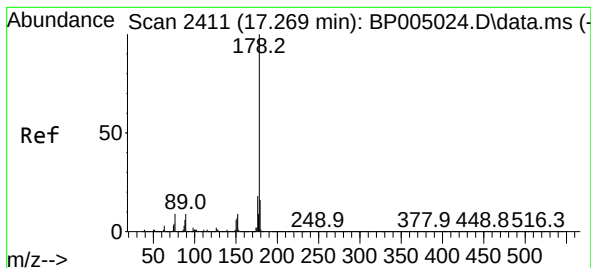
Tgt Ion:188 Resp: 108455
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.7 6.2 9.2#



#71
Phenanthrene
Concen: 2.03 ng
RT: 17.151 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:178 Resp: 12791
Ion Ratio Lower Upper
178 100
176 17.2 15.3 22.9
179 14.7 12.5 18.7

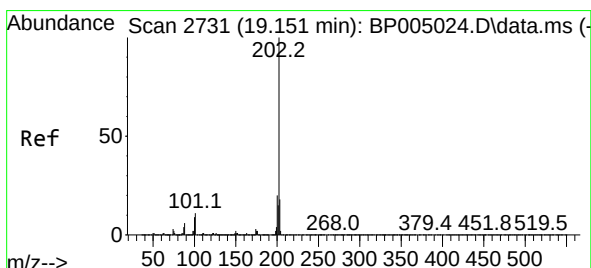
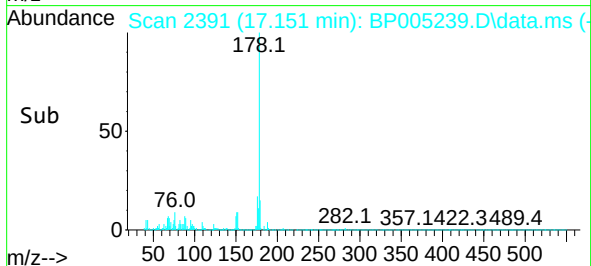
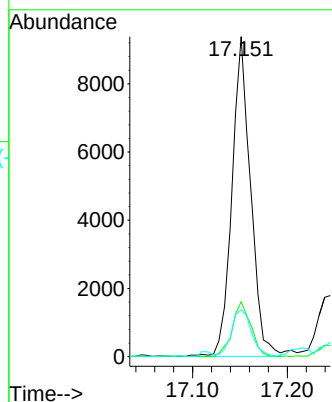
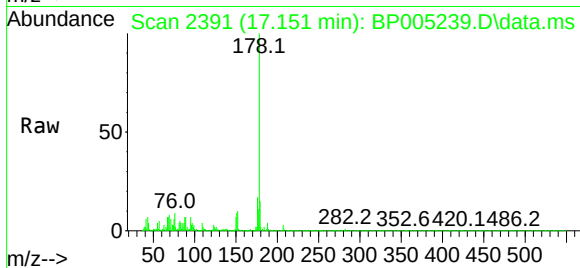




#72
 Anthracene
 Concen: 2.08 ng
 RT: 17.151 min Scan# 2391
 Delta R.T. -0.100 min
 Lab File: BP005239.D
 Acq: 08 Apr 2021 16:59

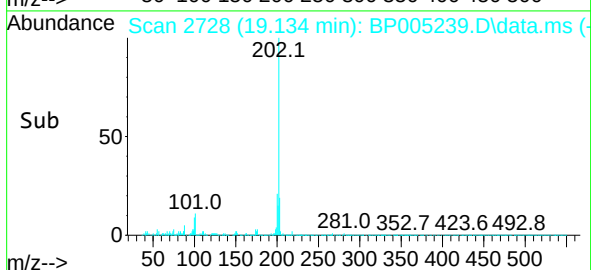
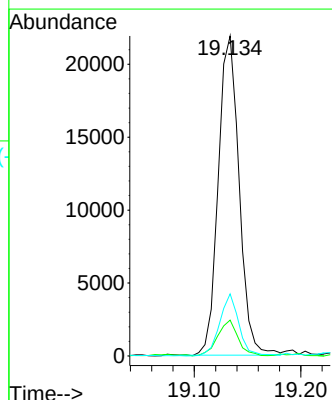
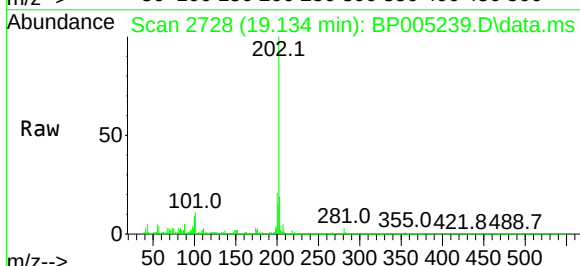
Instrument :
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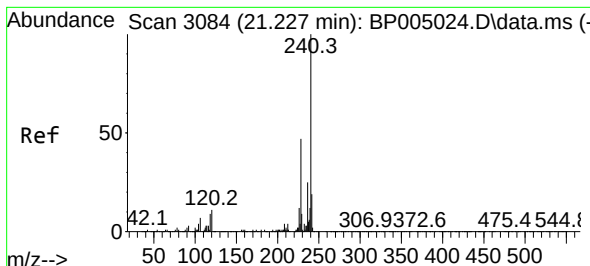
Tgt Ion:178 Resp: 12791
 Ion Ratio Lower Upper
 178 100
 176 17.2 15.0 22.4
 179 14.7 12.5 18.7



#75
 Fluoranthene
 Concen: 4.02 ng
 RT: 19.134 min Scan# 2728
 Delta R.T. 0.000 min
 Lab File: BP005239.D
 Acq: 08 Apr 2021 16:59

Tgt Ion:202 Resp: 29754
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 29.4
 203 19.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.210 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BP005239.D

Acq: 08 Apr 2021 16:59

Tgt Ion:240 Resp: 149593

Ion Ratio Lower Upper

240 100

120 8.3 7.8 11.6

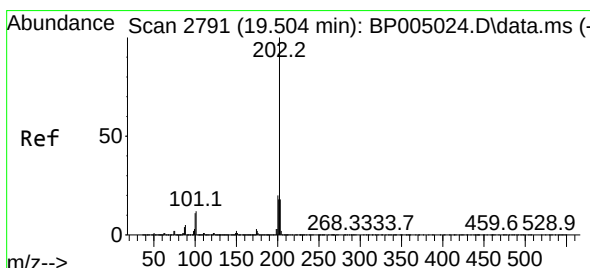
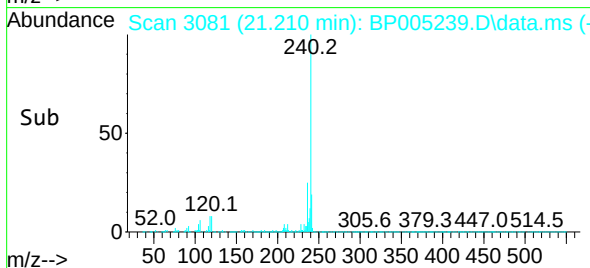
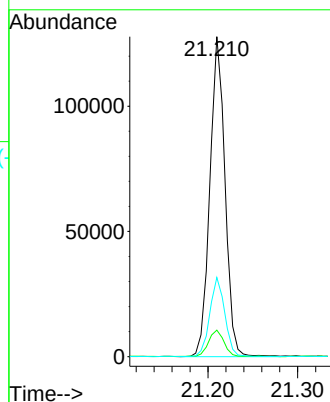
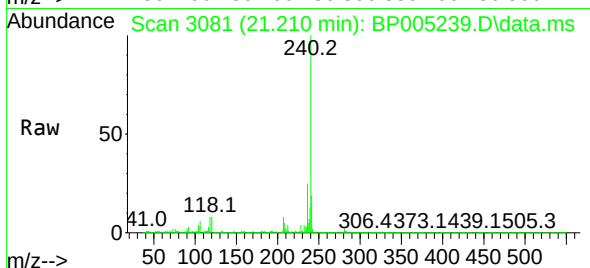
236 24.7 20.8 31.2

Instrument :

BNA_P

ClientSampleId :

BU-02-040721



#78

Pyrene

Concen: 2.22 ng

RT: 19.486 min Scan# 2788

Delta R.T. 0.000 min

Lab File: BP005239.D

Acq: 08 Apr 2021 16:59

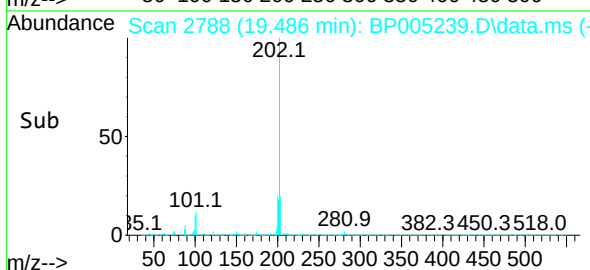
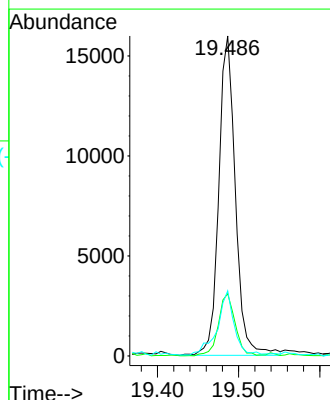
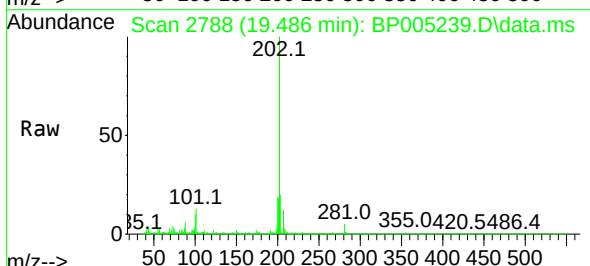
Tgt Ion:202 Resp: 22812

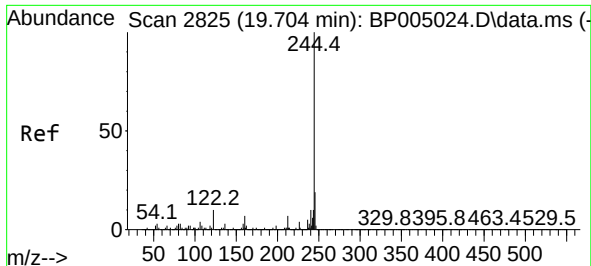
Ion Ratio Lower Upper

202 100

200 19.4 17.1 25.7

203 20.4 14.2 21.2

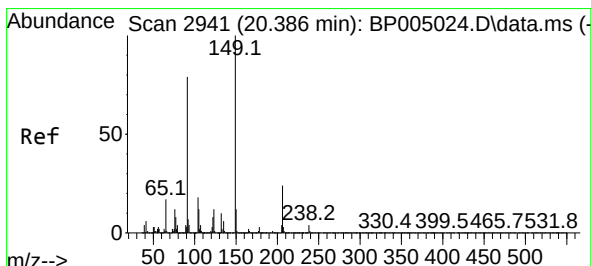
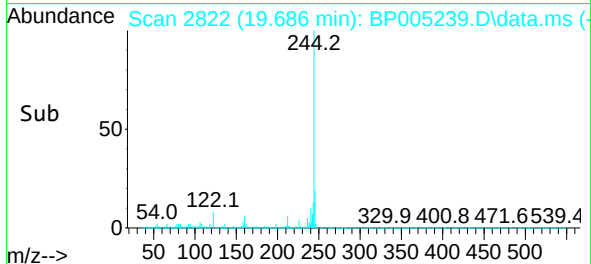
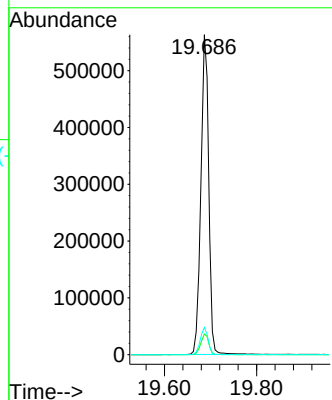
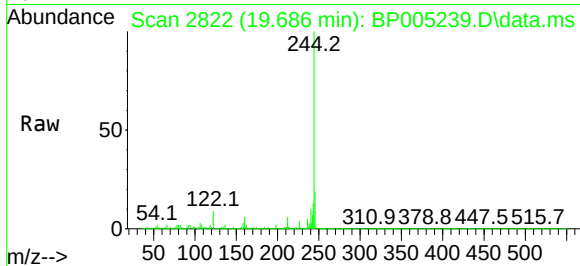




#79
 Terphenyl-d14
 Concen: 81.03 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. 0.000 min
 Lab File: BP005239.D
 Acq: 08 Apr 2021 16:59

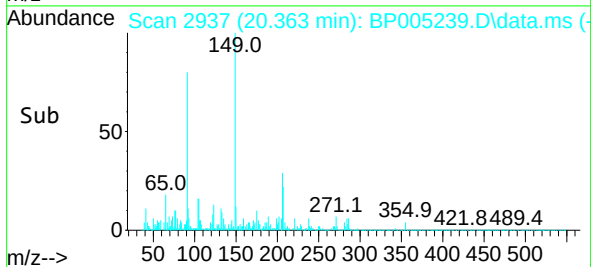
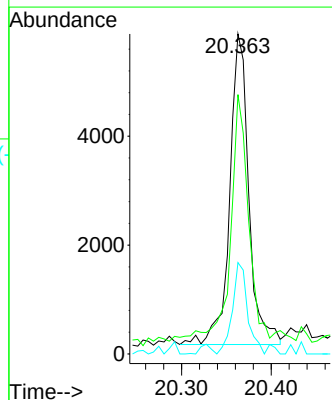
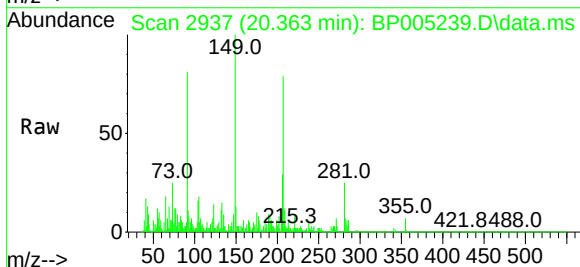
Instrument :
 BNA_P
 ClientSampleId :
 BU-02-040721

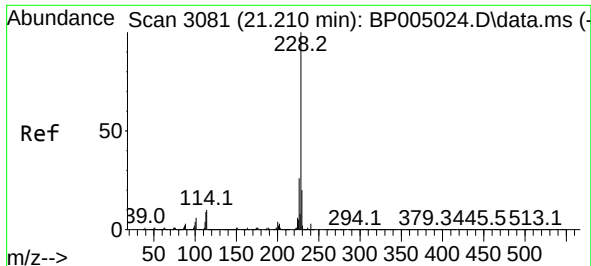
Tgt Ion:244 Resp: 665860
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 8.5 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 2.22 ng
 RT: 20.363 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: BP005239.D
 Acq: 08 Apr 2021 16:59

Tgt Ion:149 Resp: 8466
 Ion Ratio Lower Upper
 149 100
 91 81.1 45.4 68.0#
 206 28.6 17.1 25.7#

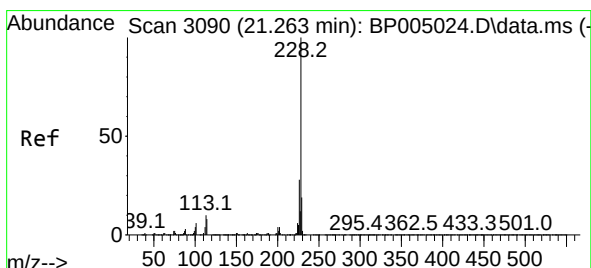
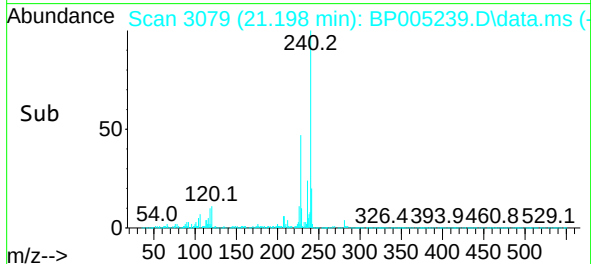
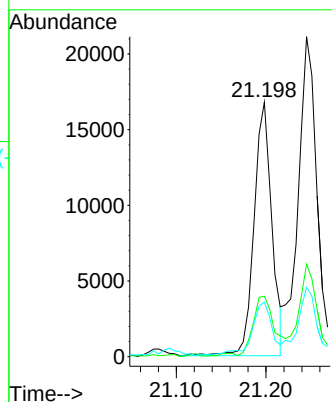
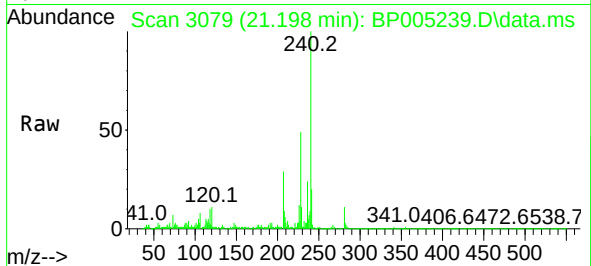




#81
Benzo(a)anthracene
Concen: 2.28 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

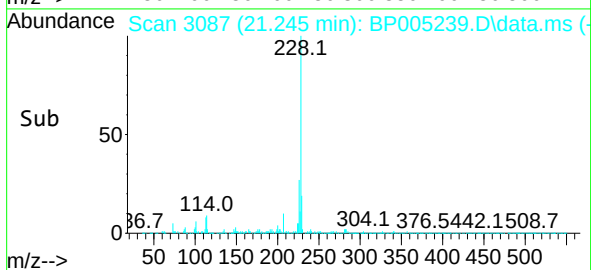
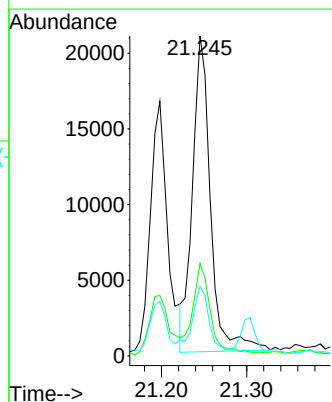
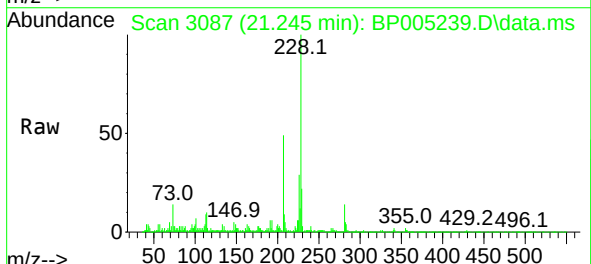
Instrument :
BNA_P
ClientSampleId :
BU-02-040721

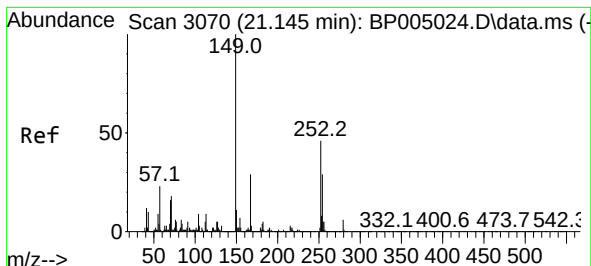
Tgt Ion:228 Resp: 23188
Ion Ratio Lower Upper
228 100
226 23.8 22.1 33.1
229 21.4 15.9 23.9



#83
Chrysene
Concen: 3.07 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:228 Resp: 30665
Ion Ratio Lower Upper
228 100
226 28.9 24.4 36.6
229 21.7 15.8 23.6



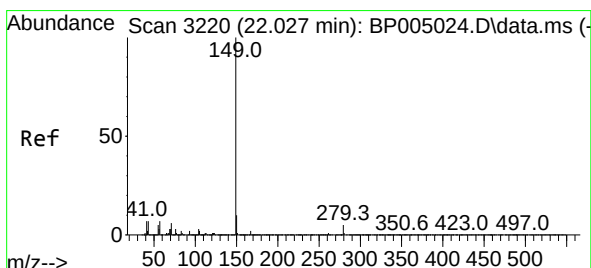
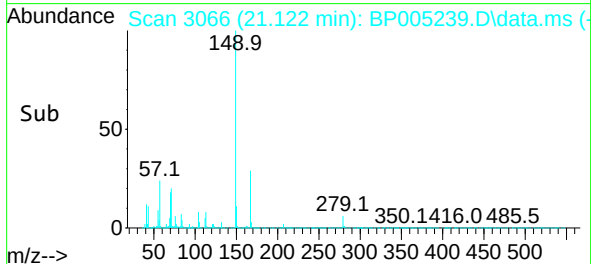
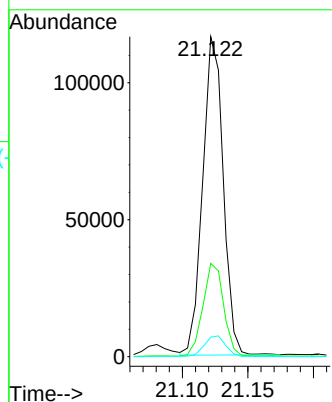
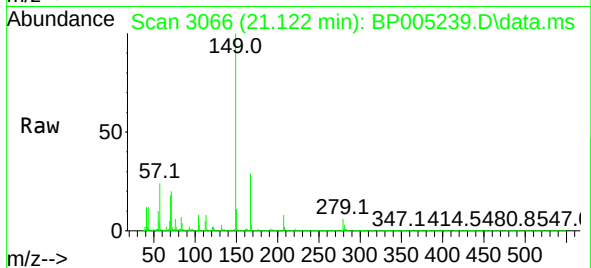


#84

Bis(2-ethylhexyl)phthalate
Concen: 22.73 ng
RT: 21.122 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Instrument :
BNA_P
ClientSampleId :
BU-02-040721

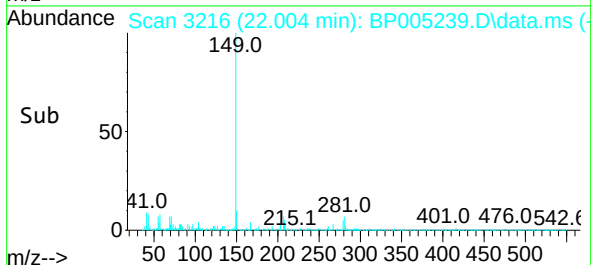
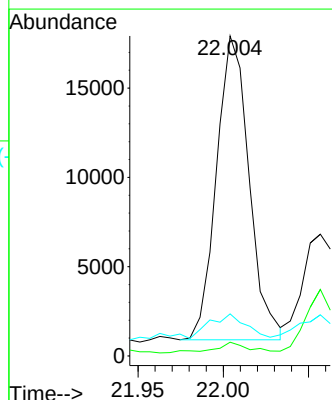
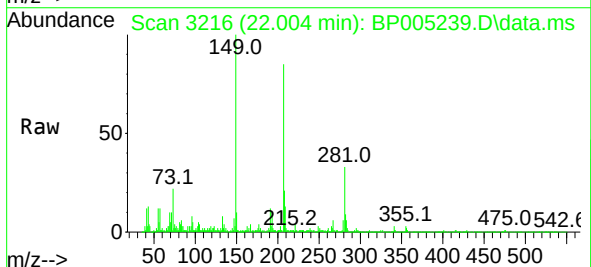
Tgt Ion:149 Resp: 127131
Ion Ratio Lower Upper
149 100
167 29.2 22.6 34.0
279 6.1 4.2 6.2

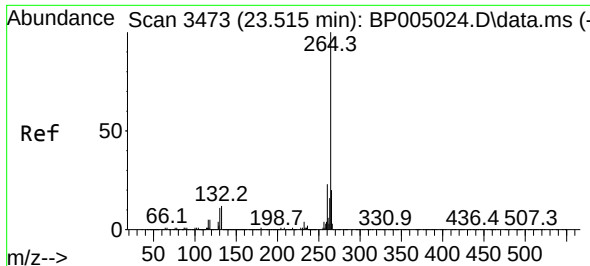


#85

Di-n-octyl phthalate
Concen: 2.39 ng
RT: 22.004 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:149 Resp: 22562
Ion Ratio Lower Upper
149 100
167 4.5 1.3 1.9#
43 8.9 3.7 5.5#



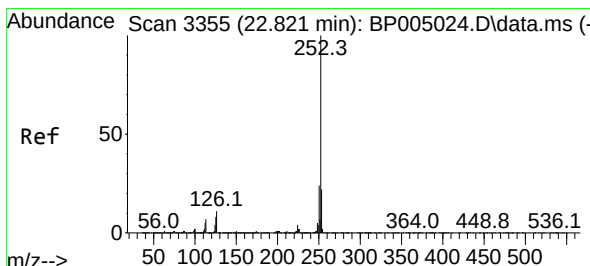
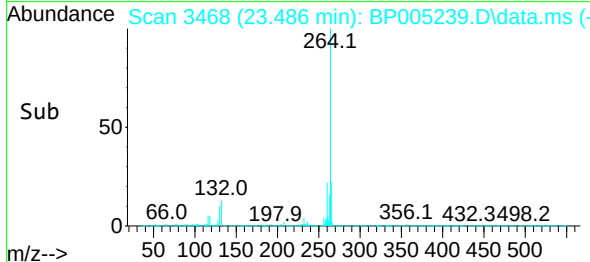
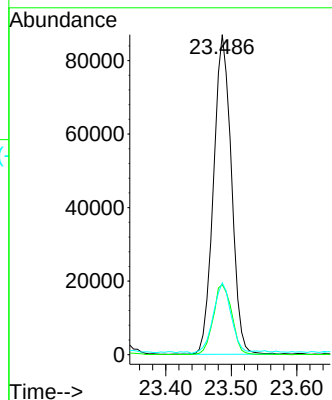
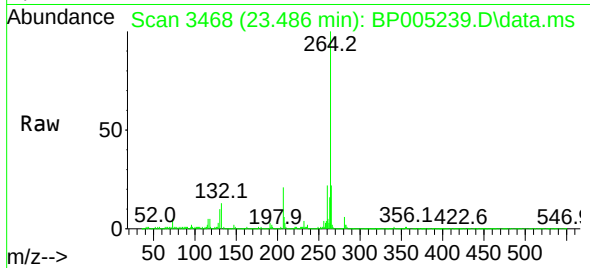


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.486 min Scan# 3468
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Instrument :
BNA_P
ClientSampleId :
BU-02-040721

Tgt Ion:264 Resp: 164013

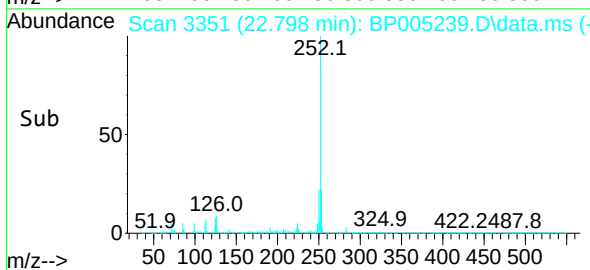
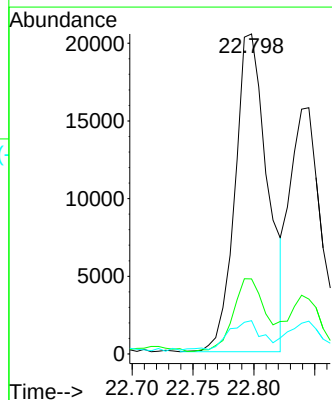
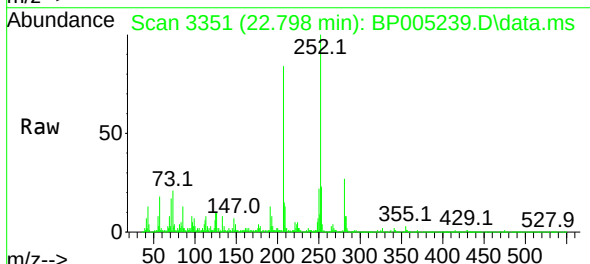
Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.8	28.2
265	22.5	17.4	26.2

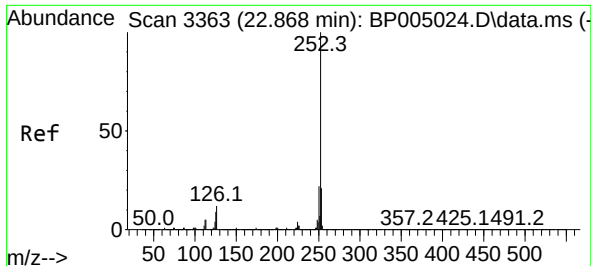


#88
Benzo(b)fluoranthene
Concen: 3.27 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:252 Resp: 38099

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.4	7.3	10.9

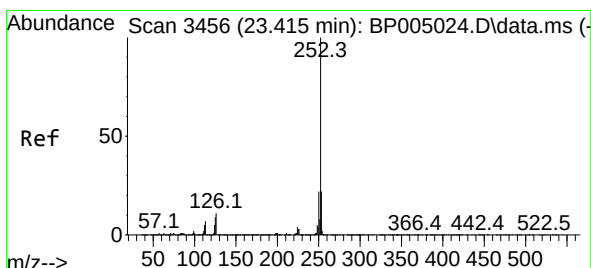
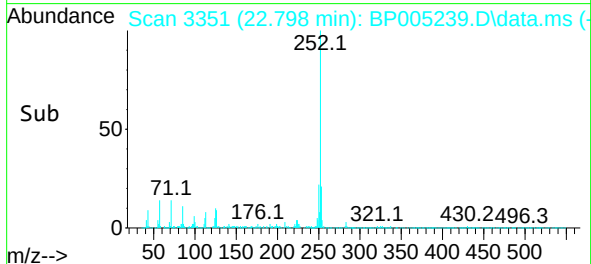
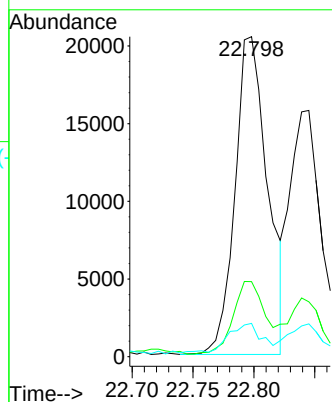
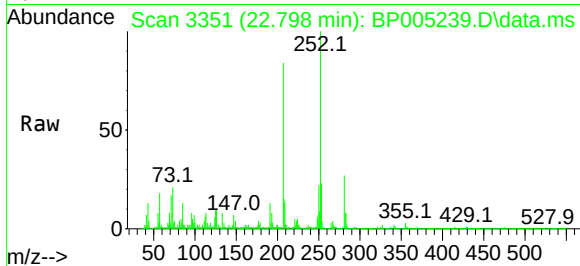




#89
Benzo(k)fluoranthene
Concen: 3.41 ng
RT: 22.798 min Scan# 3351
Delta R.T. -0.053 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Instrument :
BNA_P
ClientSampleId :
BU-02-040721

Tgt Ion:252 Resp: 38099
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 10.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 2.25 ng
RT: 23.386 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BP005239.D
Acq: 08 Apr 2021 16:59

Tgt Ion:252 Resp: 23461
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 11.4 8.2 12.4

