

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
 Data File : BP005123.D
 Acq On : 31 Mar 2021 13:17
 Operator : CG/JU
 Sample : M1817-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PHC-326FB-003

Quant Time: Mar 31 14:16:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 10:07:03 2021
 Response via : Initial Calibration

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

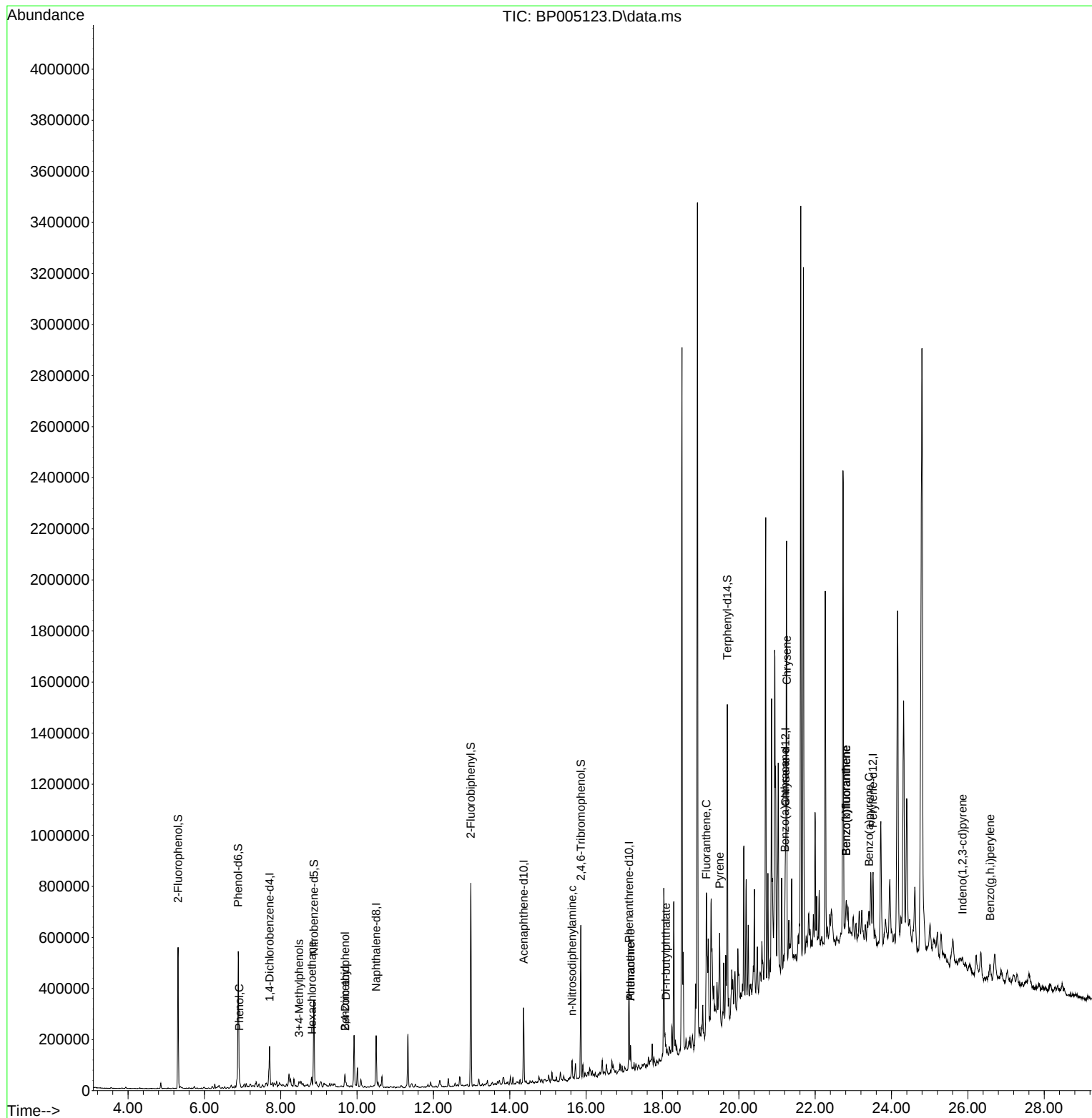
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	40880	20.00	ng	# 0.00
21) Naphthalene-d8	10.499	136	153939	20.00	ng	#-0.01
39) Acenaphthene-d10	14.363	164	98415	20.00	ng	-0.01
64) Phenanthrene-d10	17.122	188	189120	20.00	ng	#-0.01
76) Chrysene-d12	21.222	240	195348	20.00	ng	-0.01
86) Perylene-d12	23.516	264	211226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	234797	88.39	ng	0.00
7) Phenol-d6	6.887	99	307703	80.87	ng	0.00
23) Nitrobenzene-d5	8.869	82	198559	55.34	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	115226	89.86	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	399128	54.86	ng	0.00
79) Terphenyl-d14	19.698	244	546699	50.95	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.916	94	19023	4.88	ng	91
18) Hexachloroethane	8.816	117	3604	2.99	ng	# 1
20) 3+4-Methylphenols	8.481	107	8572	2.52	ng	88
27) 2,4-Dimethylphenol	9.687	122	14481	6.14	ng	# 86
32) Benzoic acid	9.687	122	14481	8.27	ng	# 27
66) n-Nitrosodiphenylamine	15.634	169	27888	4.59	ng	91
71) Phenanthrene	17.163	178	56911	5.19	ng	97
72) Anthracene	17.163	178	56911	5.31	ng	98
74) Di-n-butylphthalate	18.092	149	33883	3.06	ng	# 97
75) Fluoranthene	19.145	202	92622	7.18	ng	91
78) Pyrene	19.498	202	111149	8.28	ng	98
81) Benzo(a)anthracene	21.210	228	53941	4.06	ng	# 86
83) Chrysene	21.257	228	64366	4.94	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.863	276	43268	2.73	ng	96
88) Benzo(b)fluoranthene	22.816	252	78938	5.26	ng	# 76
89) Benzo(k)fluoranthene	22.816	252	78938	5.49	ng	# 77
90) Benzo(a)pyrene	23.410	252	61126	4.54	ng	# 88
92) Benzo(g,h,i)perylene	26.586	276	56268	4.26	ng	# 87

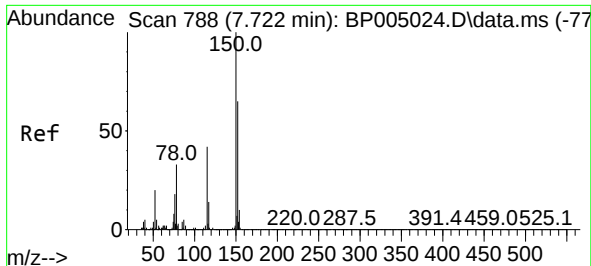
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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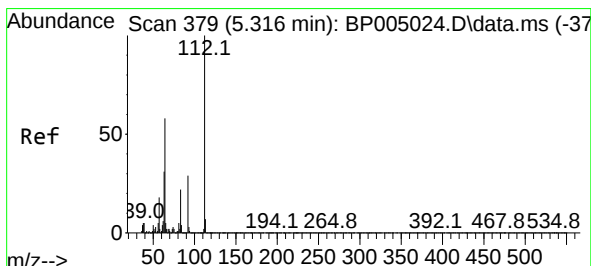
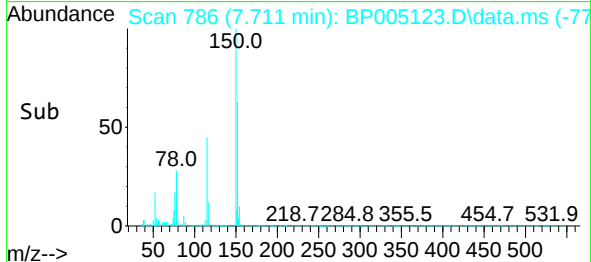
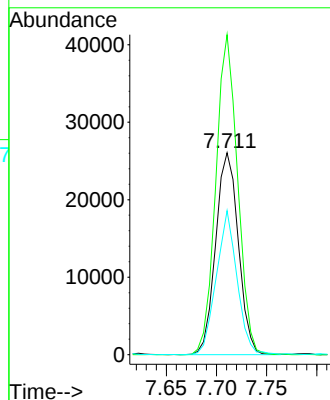
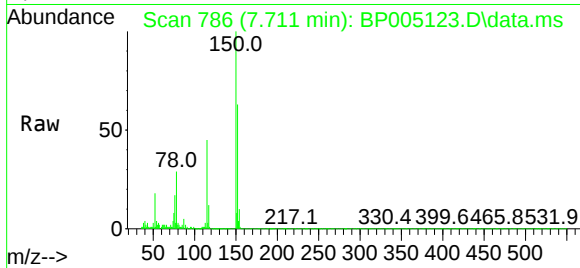




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.711 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

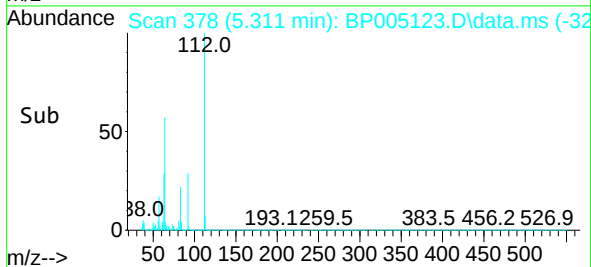
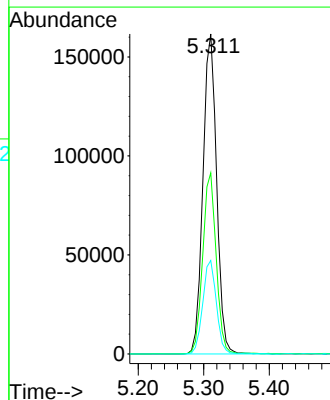
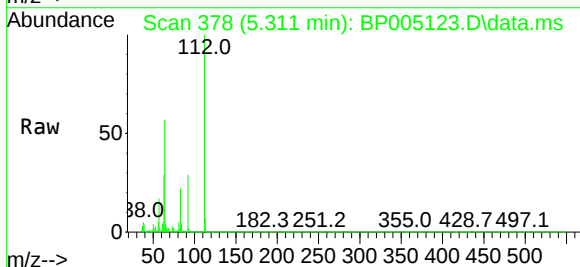
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

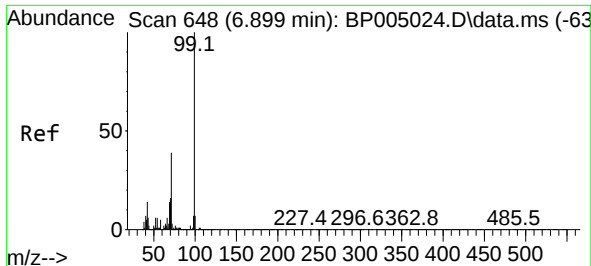
Tgt Ion:152 Resp: 40880
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 71.3 43.8 65.6#



#5
2-Fluorophenol
Concen: 88.39 ng
RT: 5.311 min Scan# 378
Delta R.T. -0.000 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

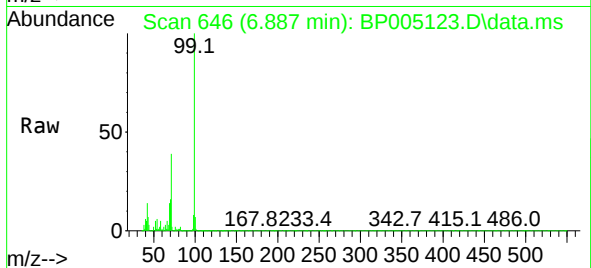
Tgt Ion:112 Resp: 234797
Ion Ratio Lower Upper
112 100
64 56.6 32.8 49.2#
63 29.2 17.0 25.4#



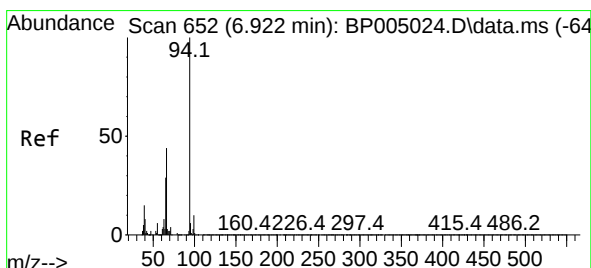
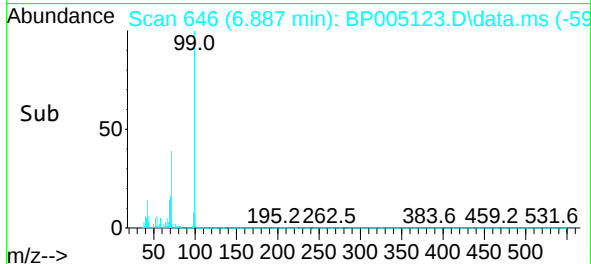
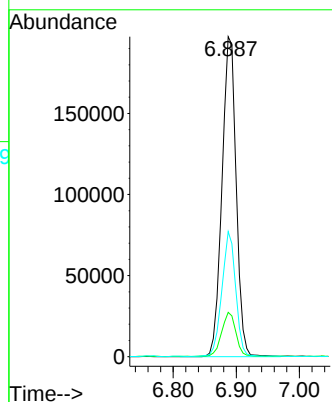


#7
Phenol-d6
Concen: 80.87 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

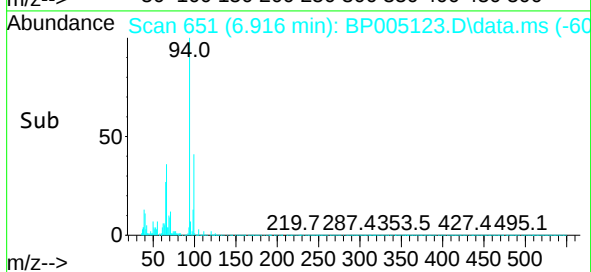
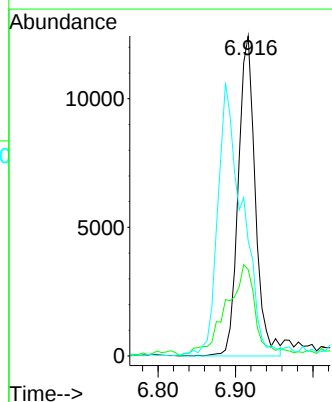
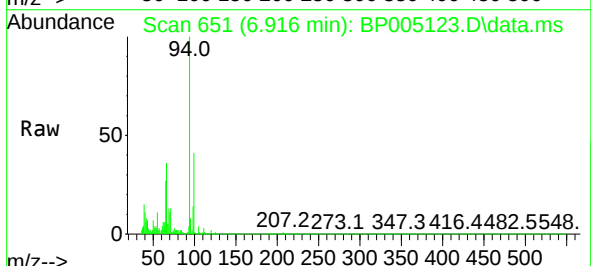


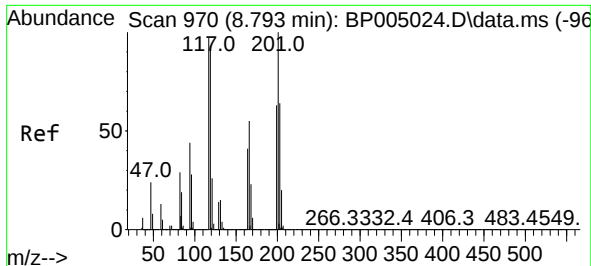
Tgt Ion: 99 Resp: 307703
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 39.1 23.4 35.2#



#10
Phenol
Concen: 4.88 ng
RT: 6.916 min Scan# 651
Delta R.T. -0.006 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

Tgt Ion: 94 Resp: 19023
Ion Ratio Lower Upper
94 100
65 27.0 2.3 42.3
66 35.9 10.9 50.9

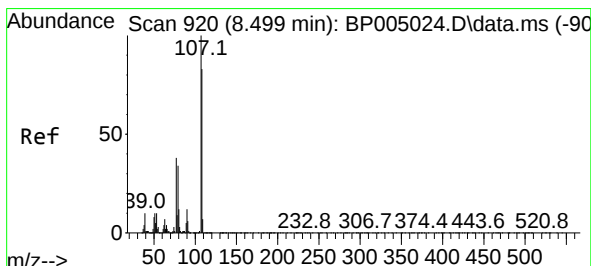
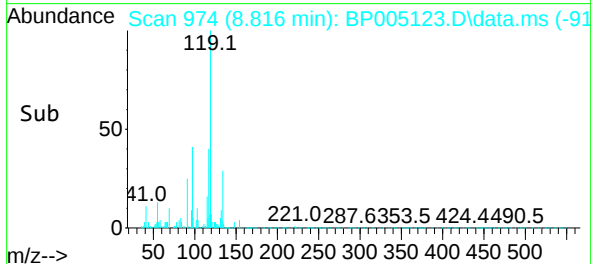
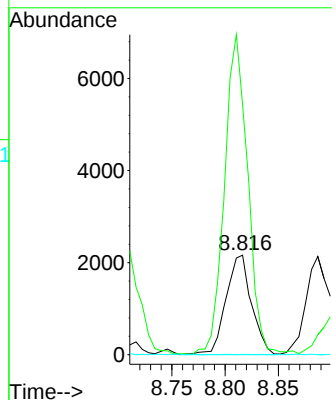
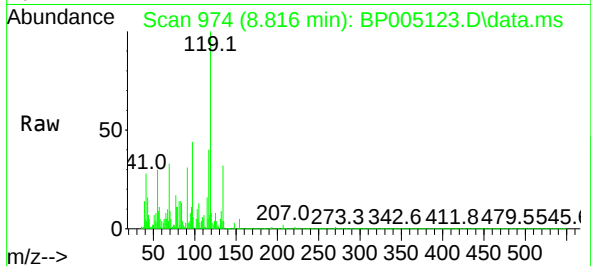




#18
Hexachloroethane
Concen: 2.99 ng
RT: 8.816 min Scan# 974
Delta R.T. 0.023 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

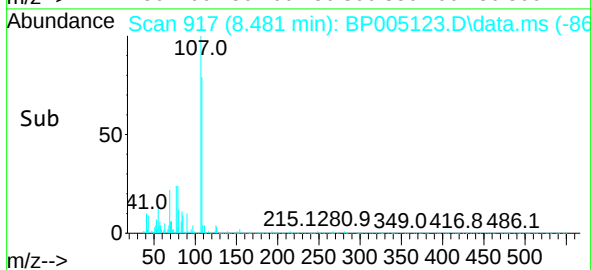
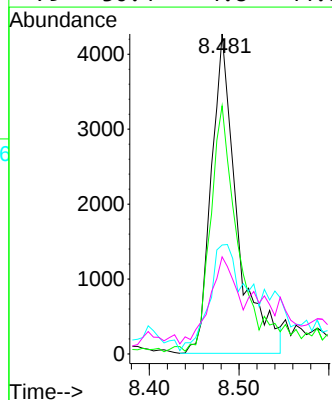
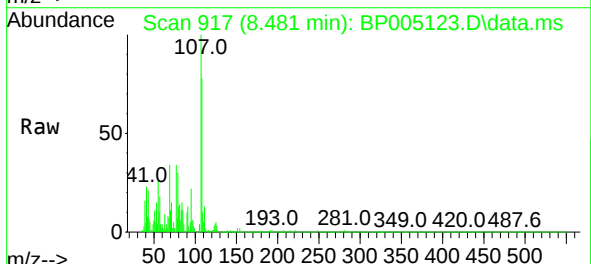
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

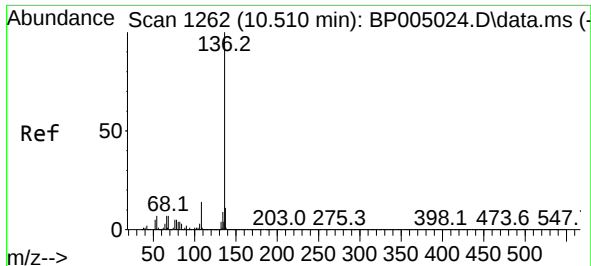
Tgt Ion:117 Resp: 3604
Ion Ratio Lower Upper
117 100
119 251.2 78.8 118.2#
201 0.4 92.3 138.5#



#20
3+4-Methylphenols
Concen: 2.52 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

Tgt Ion:107 Resp: 8572
Ion Ratio Lower Upper
107 100
108 77.5 69.0 109.0
77 34.0 8.5 48.5
79 30.4 4.8 44.8

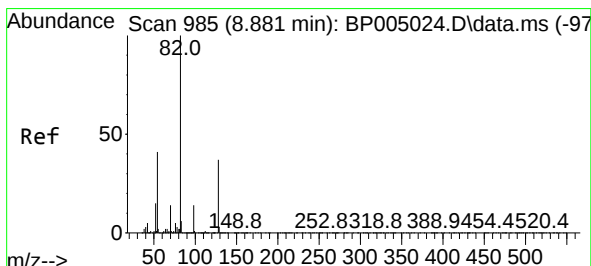
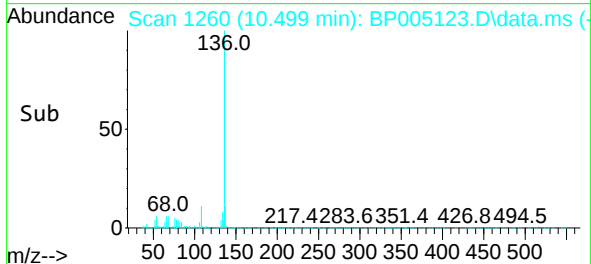
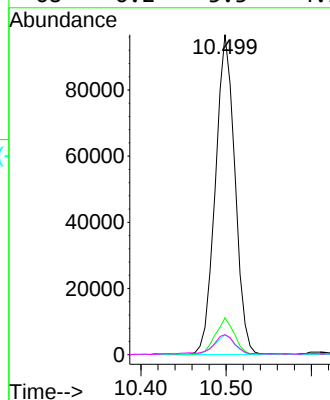
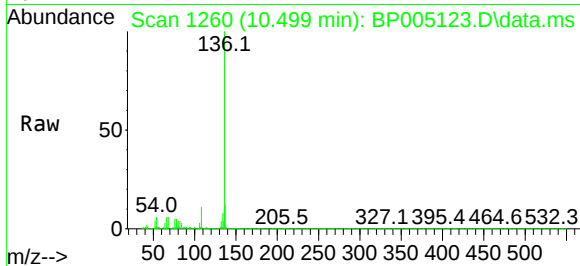




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

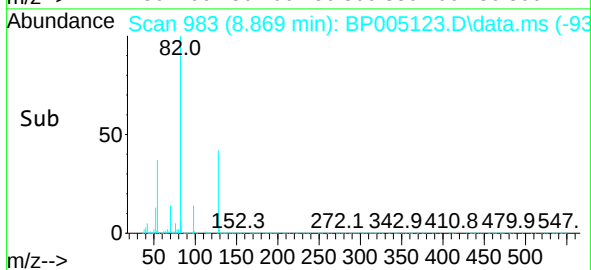
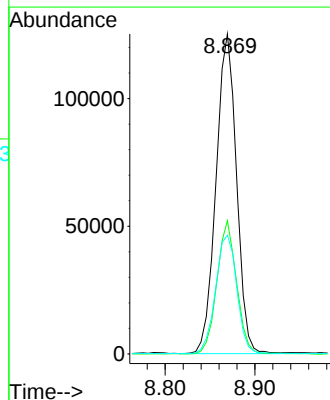
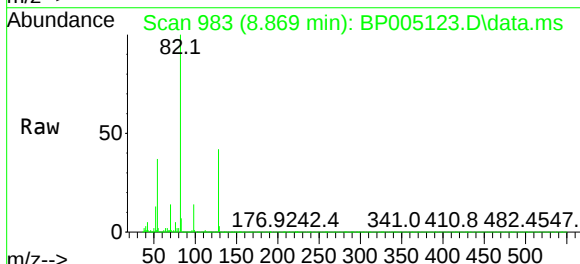
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

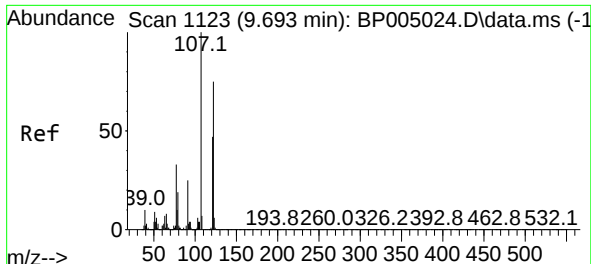
Tgt Ion:	136	Resp:	153939
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	6.2	3.6	5.4#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 55.34 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

Tgt Ion:	82	Resp:	198559
Ion	Ratio	Lower	Upper
82	100		
128	41.7	45.6	68.4#
54	37.1	30.1	45.1





#27

2,4-Dimethylphenol

Concen: 6.14 ng

RT: 9.687 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

Instrument :

BNA_P

ClientSampleId :

PHC-326FB-003

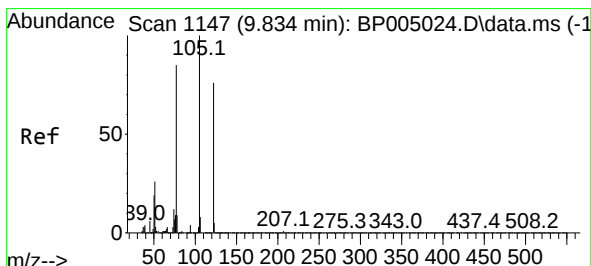
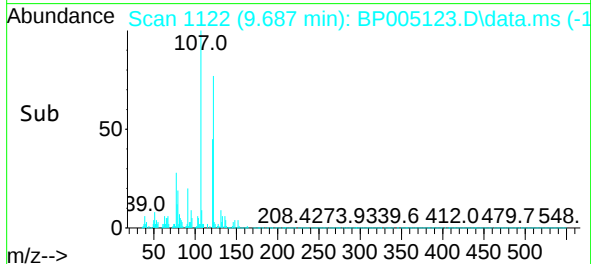
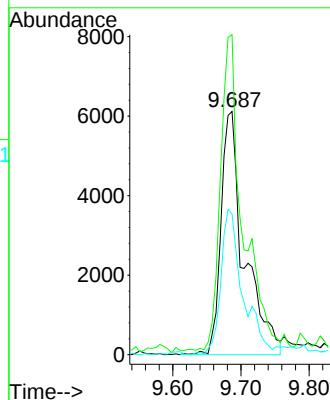
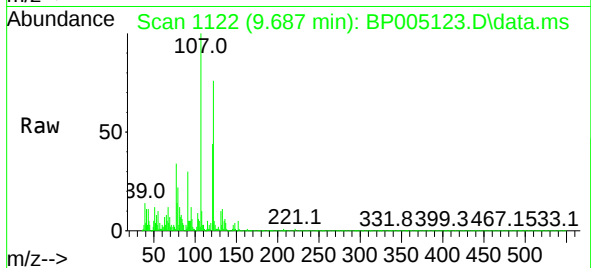
Tgt Ion:122 Resp: 14481

Ion Ratio Lower Upper

122 100

107 131.5 87.3 130.9#

121 57.8 47.3 70.9



#32

Benzoic acid

Concen: 8.27 ng

RT: 9.687 min Scan# 1122

Delta R.T. -0.141 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

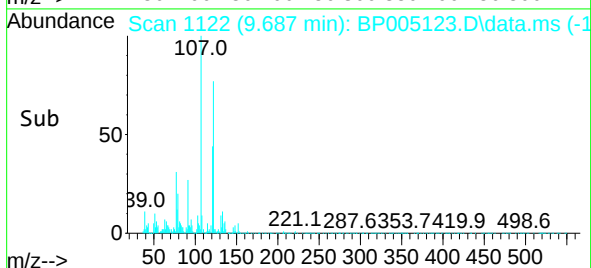
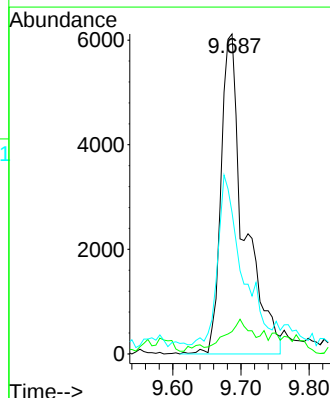
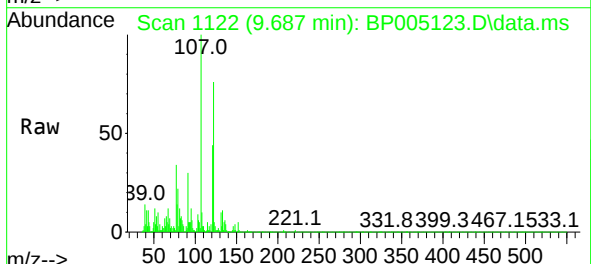
Tgt Ion:122 Resp: 14481

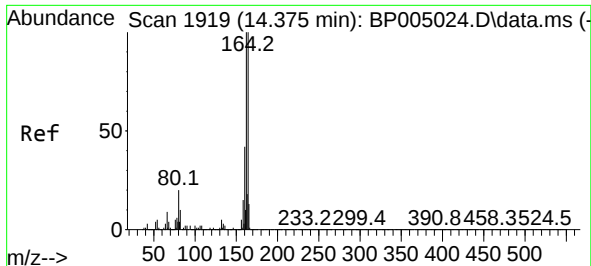
Ion Ratio Lower Upper

122 100

105 7.0 94.1 134.1#

77 44.2 50.1 90.1#

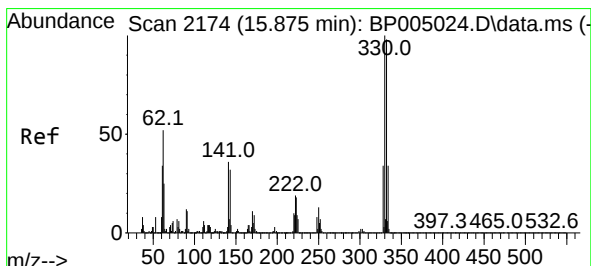
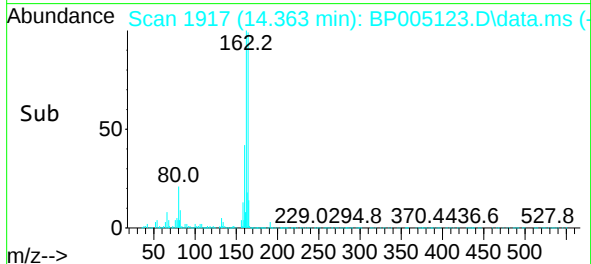
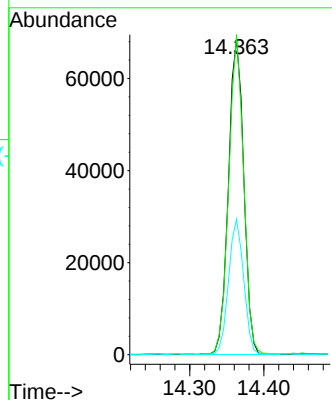
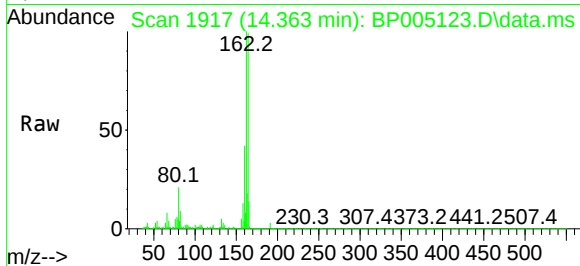




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

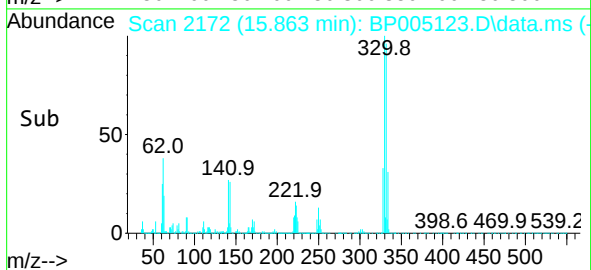
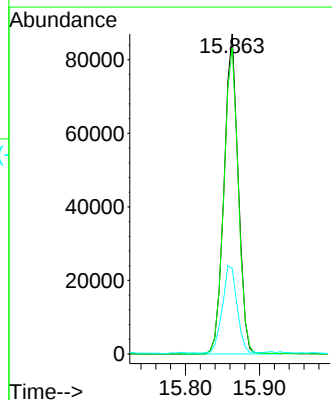
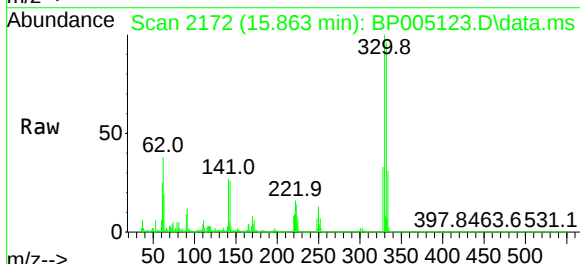
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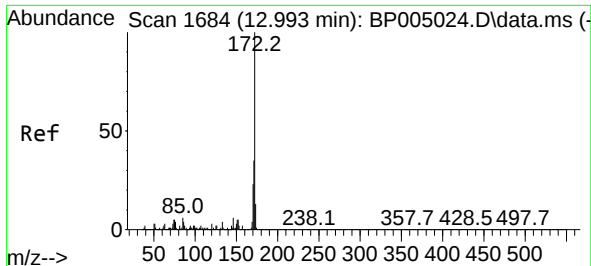
Tgt Ion:164 Resp: 98415
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 43.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 89.86 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

Tgt Ion:330 Resp: 115226
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 28.5 23.4 35.2

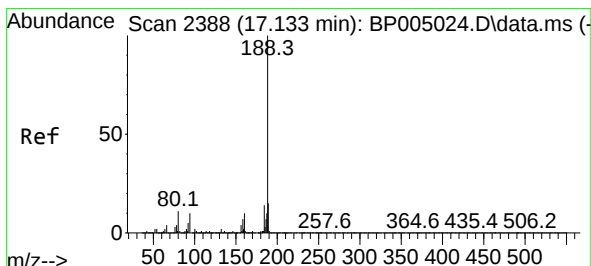
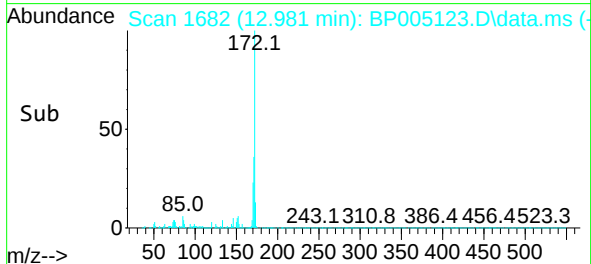
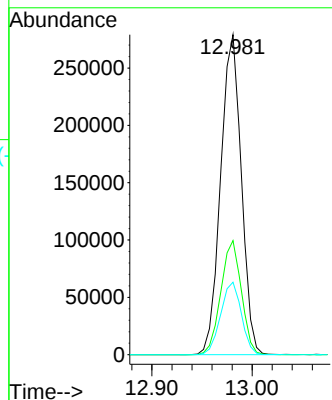
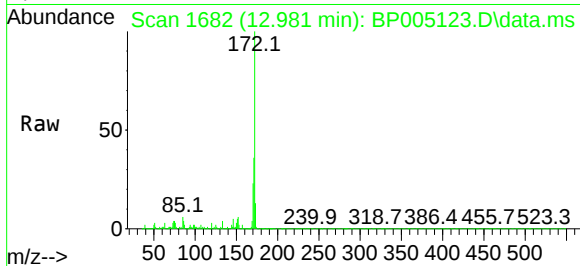




#45
2-Fluorobiphenyl
Concen: 54.86 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

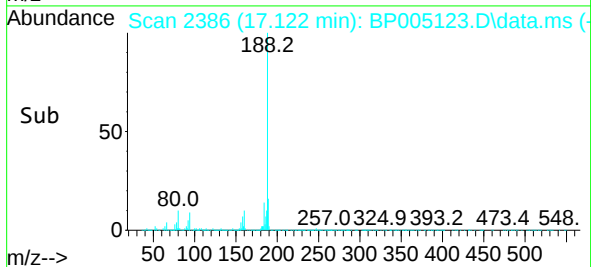
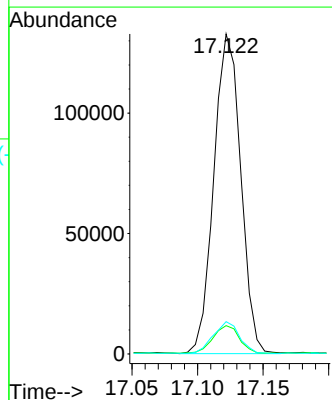
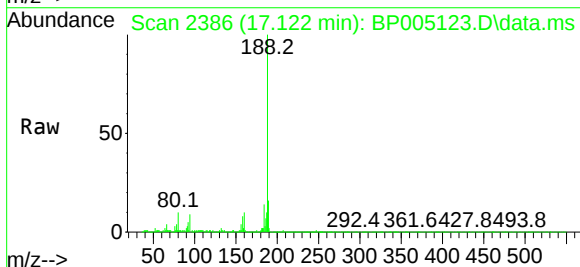
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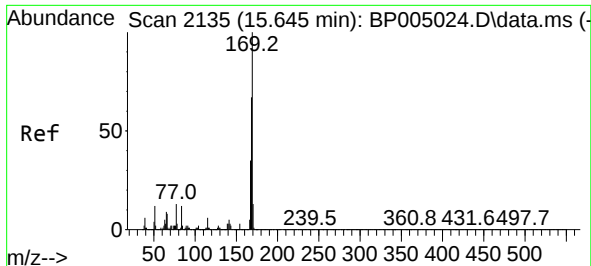
Tgt Ion:172 Resp: 399128
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.7 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

Tgt Ion:188 Resp: 189120
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 10.1 6.2 9.2#

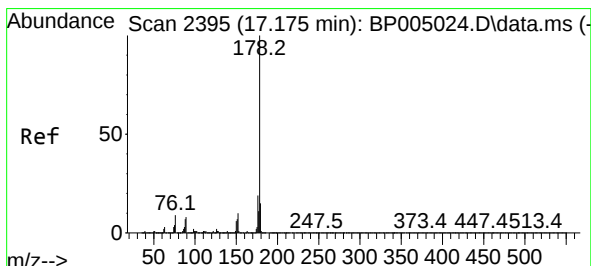
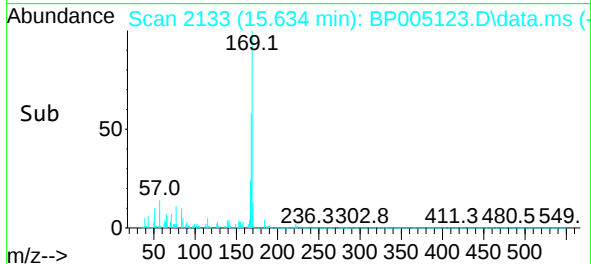
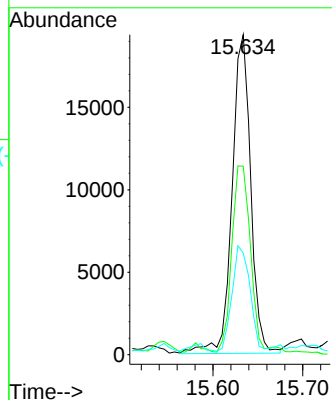
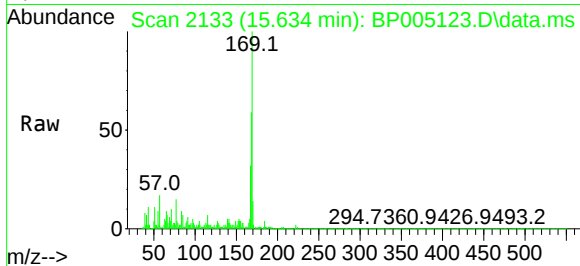




#66
n-Nitrosodiphenylamine
Concen: 4.59 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

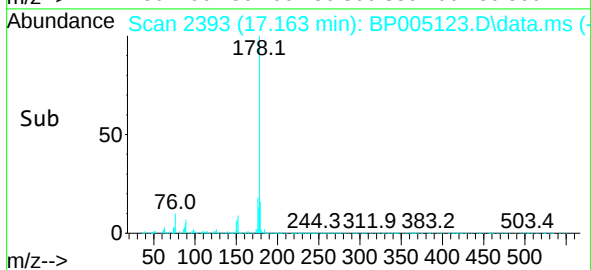
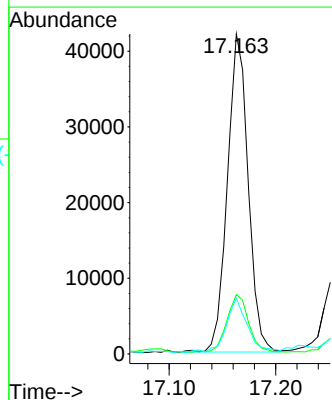
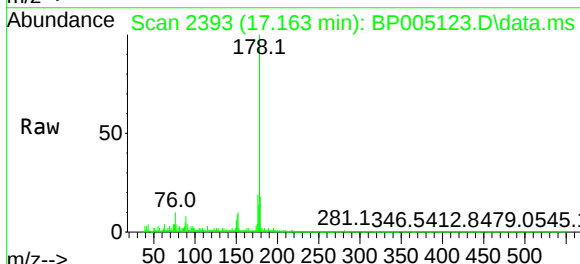
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

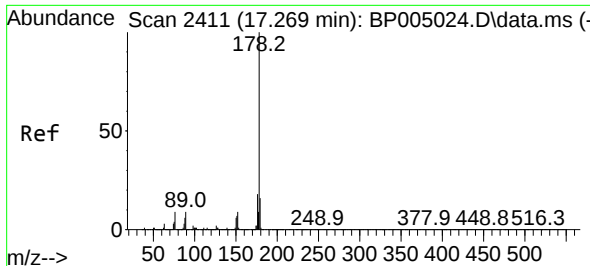
Tgt Ion:169	Resp:	27888
Ion Ratio	Lower	Upper
169	100	
168	58.9	53.8 80.6
167	31.8	28.9 43.3



#71
Phenanthrene
Concen: 5.19 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

Tgt Ion:178	Resp:	56911
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.3 22.9
179	17.5	12.5 18.7

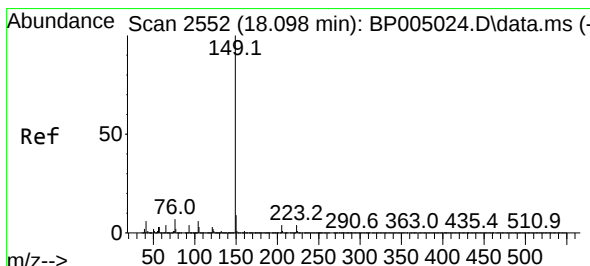
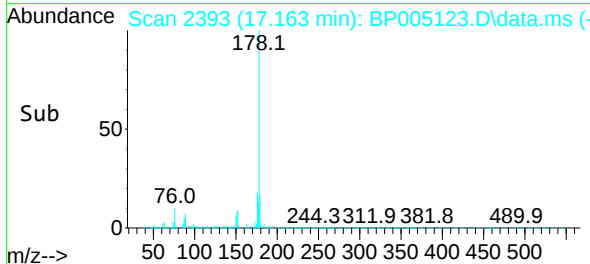
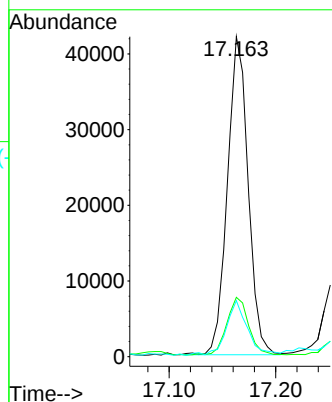
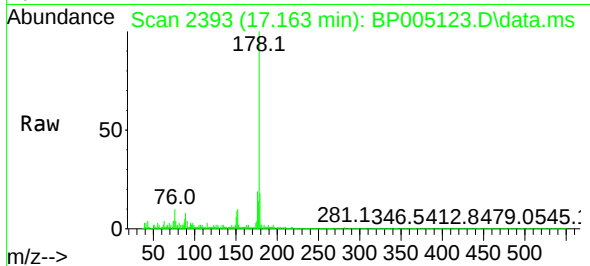




#72
 Anthracene
 Concen: 5.31 ng
 RT: 17.163 min Scan# 2393
 Delta R.T. -0.106 min
 Lab File: BP005123.D
 Acq: 31 Mar 2021 13:17

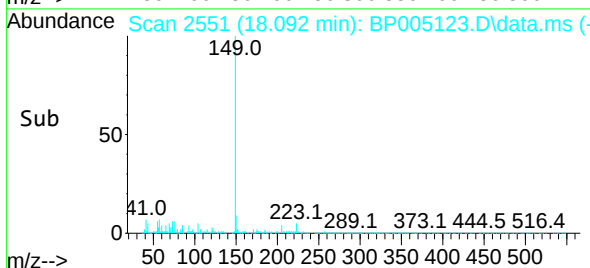
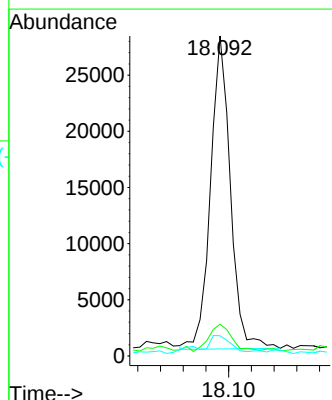
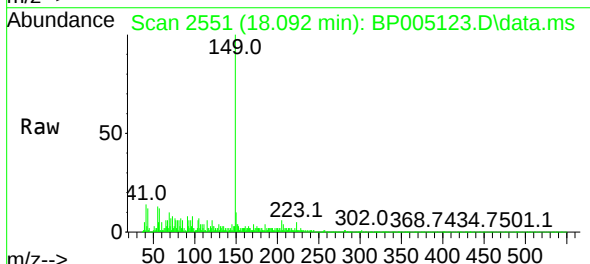
Instrument :
 BNA_P
 ClientSampleId :
 PHC-326FB-003

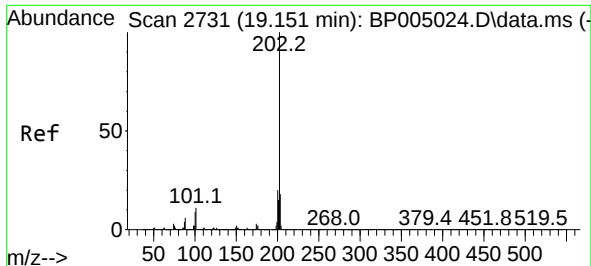
Tgt Ion:178 Resp: 56911
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 17.5 12.5 18.7



#74
 Di-n-butylphthalate
 Concen: 3.06 ng
 RT: 18.092 min Scan# 2551
 Delta R.T. -0.012 min
 Lab File: BP005123.D
 Acq: 31 Mar 2021 13:17

Tgt Ion:149 Resp: 33883
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.3 10.9
 104 6.3 3.4 5.0#

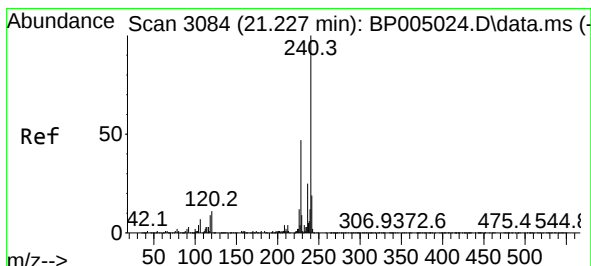
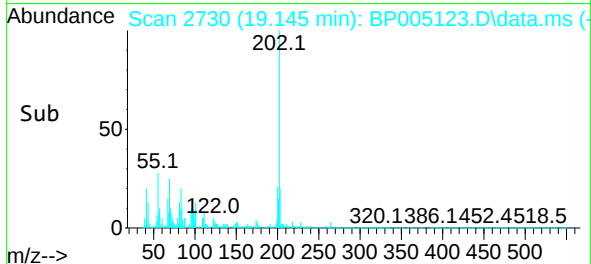
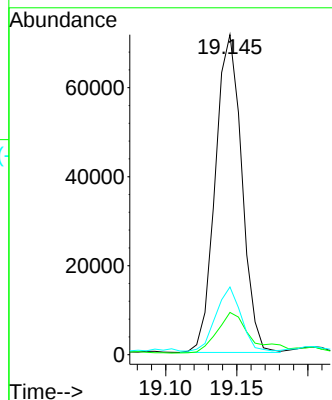
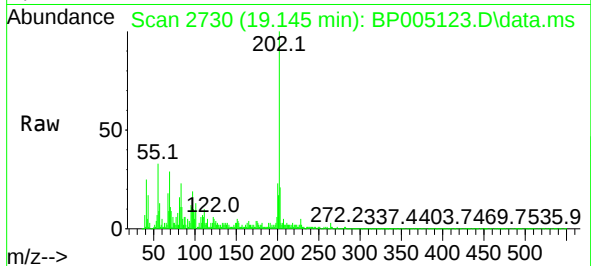




#75
Fluoranthene
Concen: 7.18 ng
RT: 19.145 min Scan# 2730
Delta R.T. -0.006 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

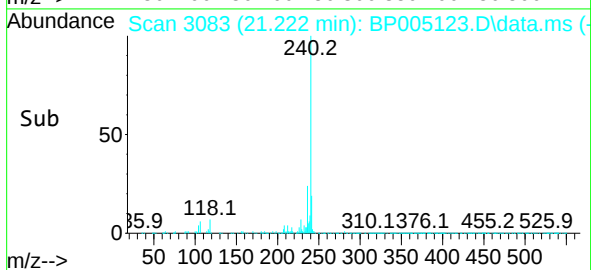
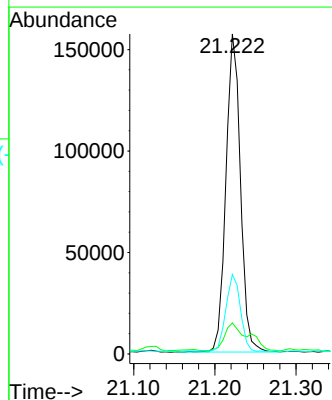
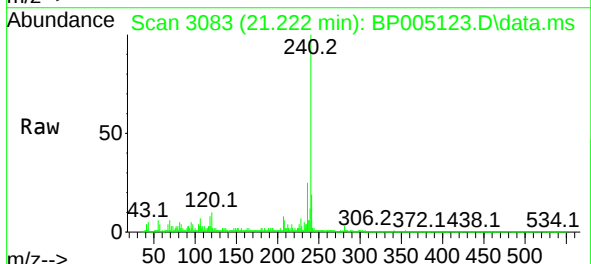
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

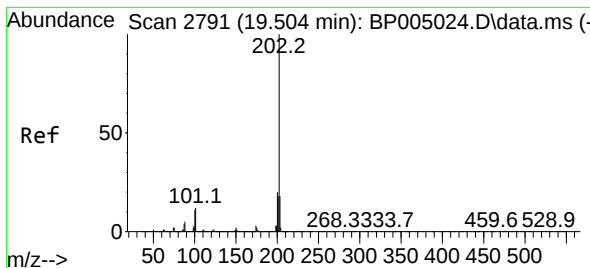
Tgt Ion:	202	Resp:	92622
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	29.4
203	21.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.222 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

Tgt Ion:	240	Resp:	195348
Ion Ratio	Lower	Upper	
240	100		
120	9.7	7.8	11.6
236	24.8	20.8	31.2





#78

Pyrene

Concen: 8.28 ng

RT: 19.498 min Scan# 2790

Delta R.T. -0.006 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

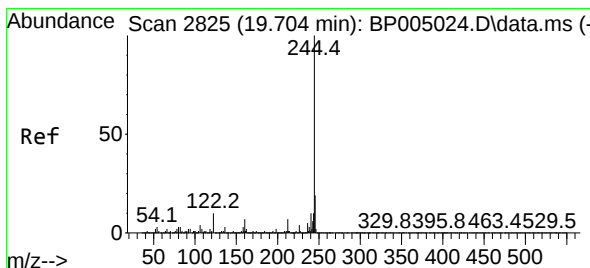
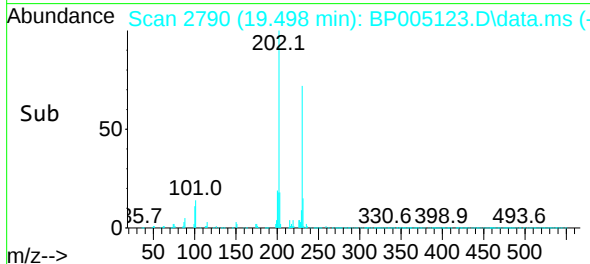
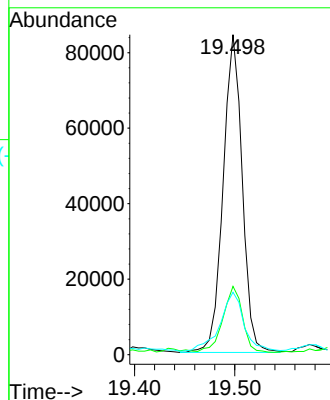
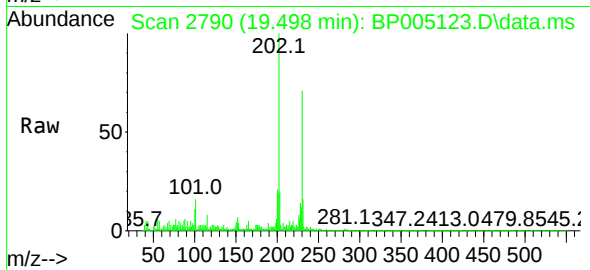
Tgt Ion:202 Resp: 111149

Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 19.5 14.2 21.2



#79

Terphenyl-d14

Concen: 50.95 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.012 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

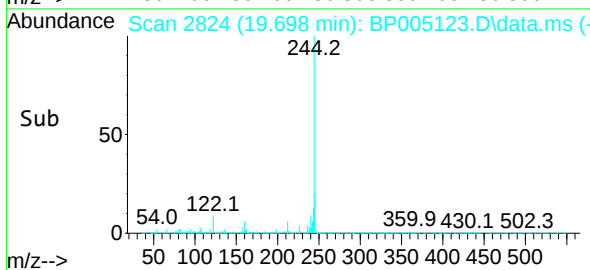
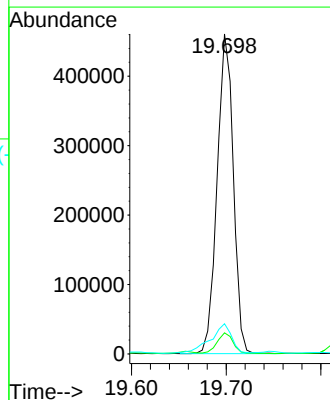
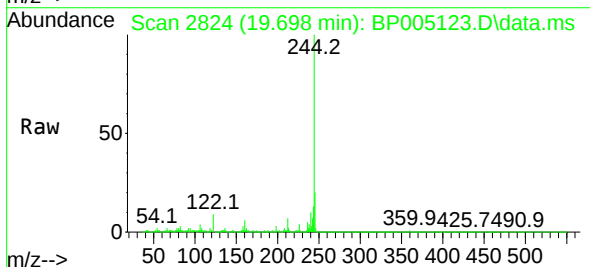
Tgt Ion:244 Resp: 546699

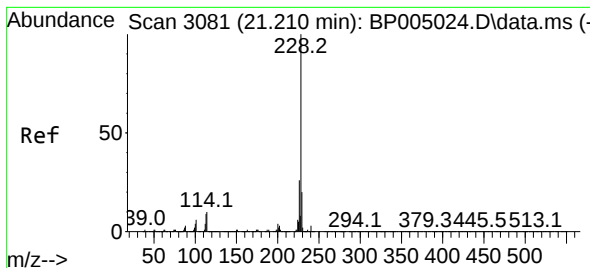
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 9.4 7.8 11.8





#81

Benzo(a)anthracene

Concen: 4.06 ng

RT: 21.210 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

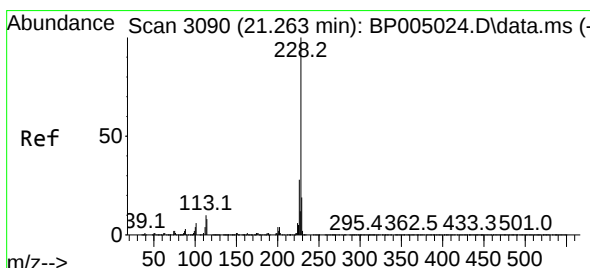
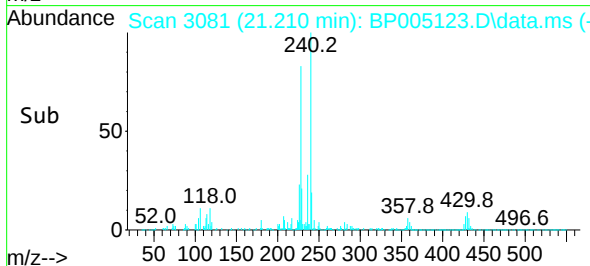
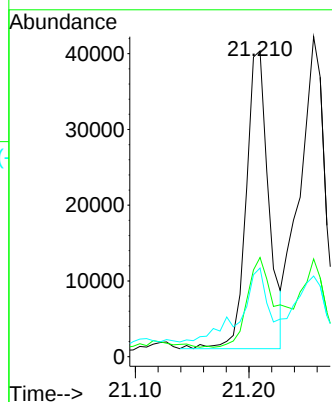
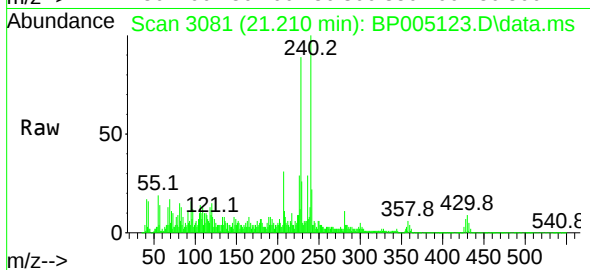
Instrument :

BNA_P

ClientSampleId :

PHC-326FB-003

Tgt Ion:228	Resp:	53941
Ion Ratio	Lower	Upper
228	100	
226	32.5	22.1 33.1
229	29.0	15.9 23.9#



#83

Chrysene

Concen: 4.94 ng

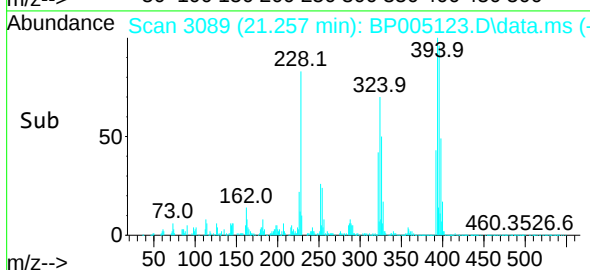
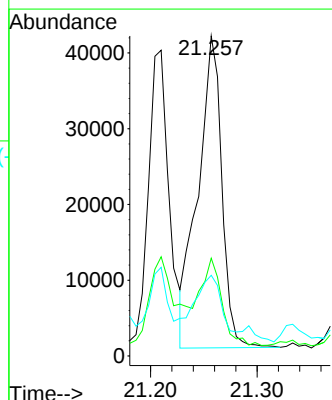
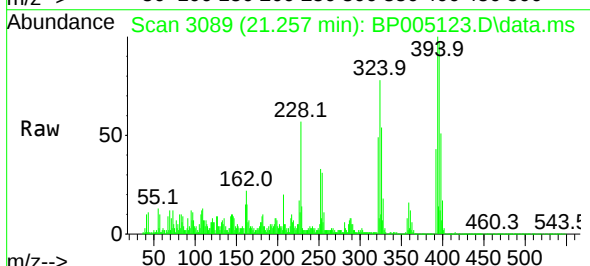
RT: 21.257 min Scan# 3089

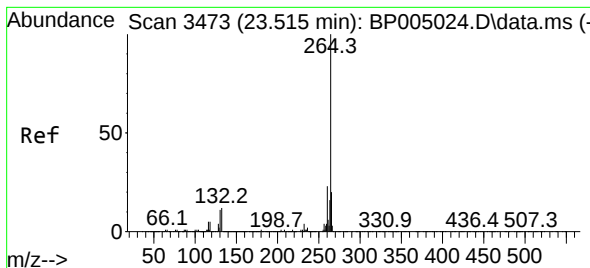
Delta R.T. -0.012 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

Tgt Ion:228	Resp:	64366
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.4 36.6
229	25.2	15.8 23.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.516 min Scan# 3473

Delta R.T. -0.006 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

Tgt Ion:264 Resp: 211226

Ion Ratio Lower Upper

264 100

260 25.4 18.8 28.2

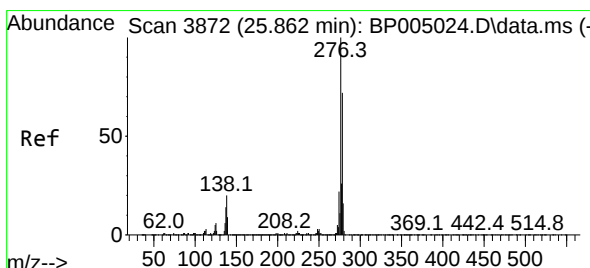
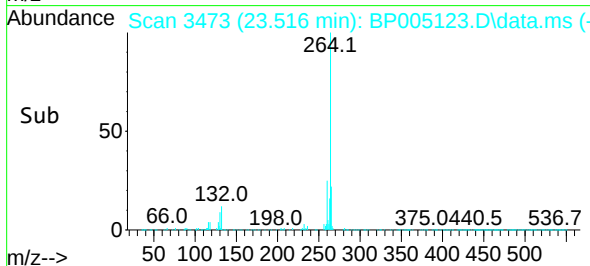
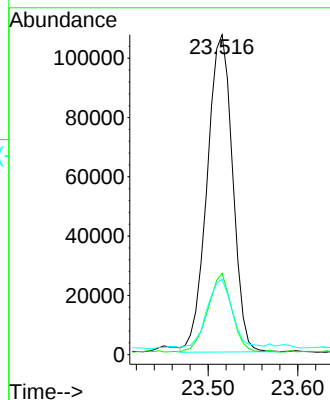
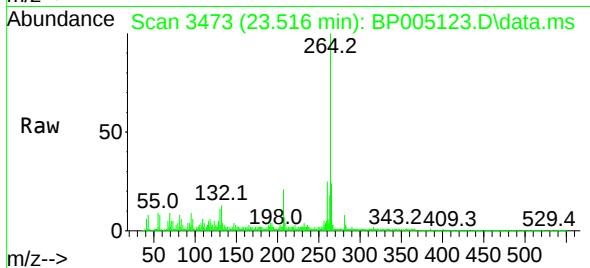
265 23.6 17.4 26.2

Instrument :

BNA_P

ClientSampleId :

PHC-326FB-003



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.73 ng

RT: 25.863 min Scan# 3872

Delta R.T. -0.012 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

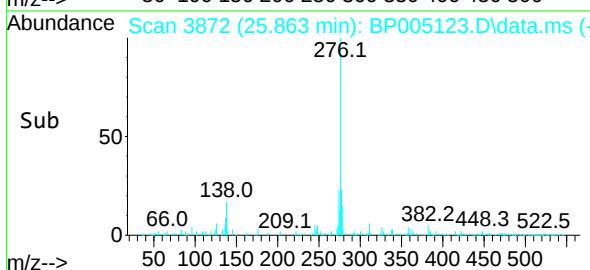
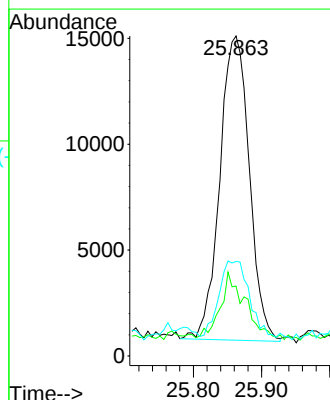
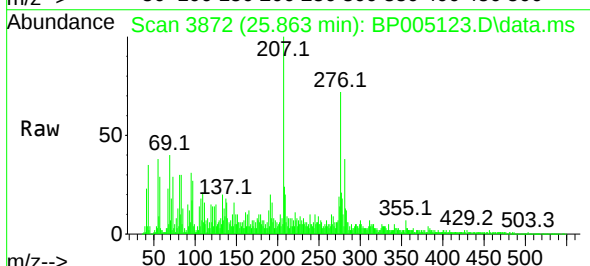
Tgt Ion:276 Resp: 43268

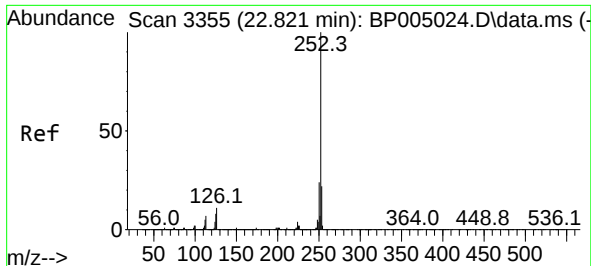
Ion Ratio Lower Upper

276 100

138 19.1 18.7 28.1

277 25.5 20.4 30.6

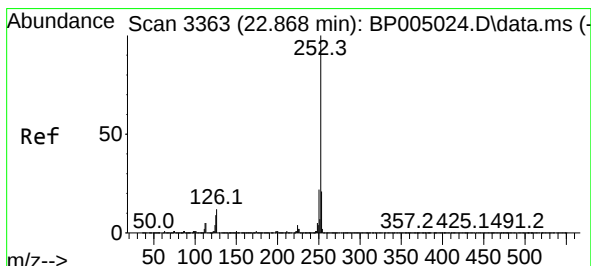
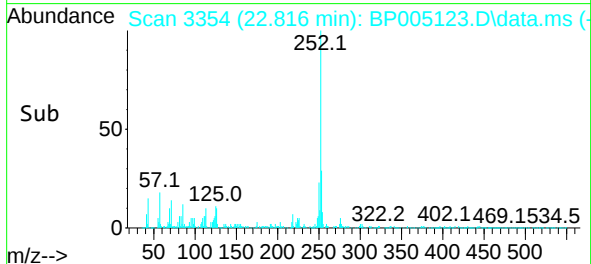
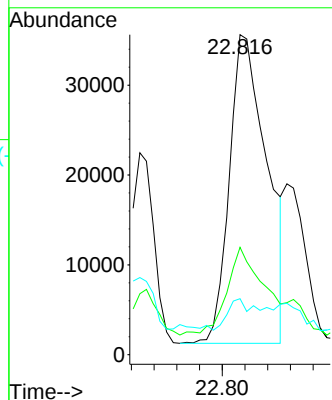
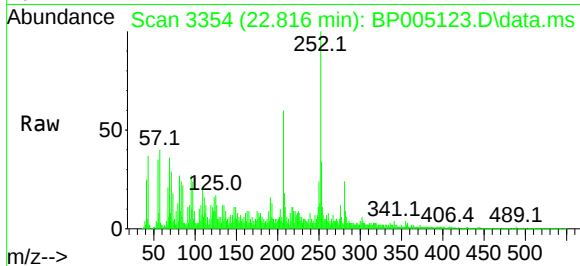




#88
Benzo(b)fluoranthene
Concen: 5.26 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

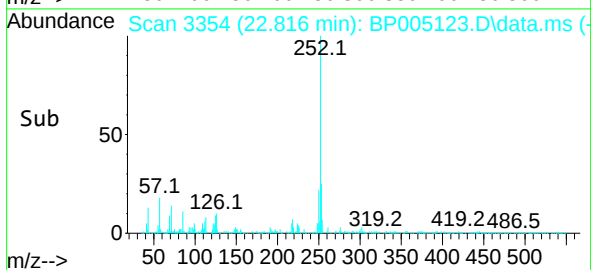
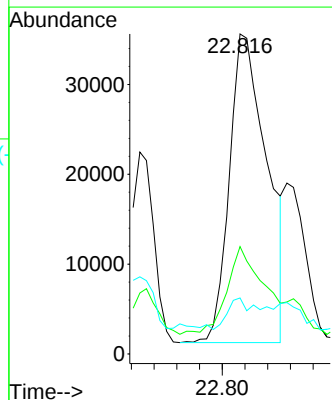
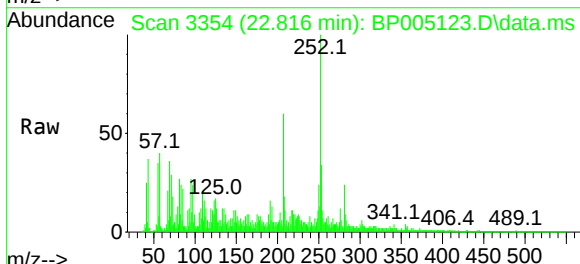
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

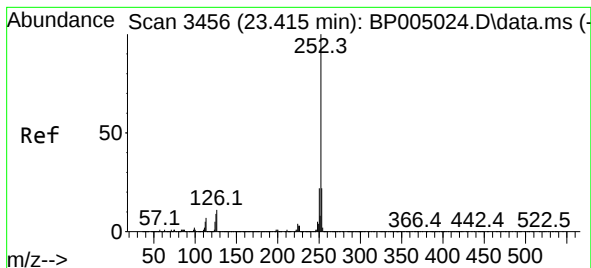
Tgt Ion:252 Resp: 78938
Ion Ratio Lower Upper
252 100
253 33.5 17.6 26.4#
125 17.5 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 5.49 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.059 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

Tgt Ion:252 Resp: 78938
Ion Ratio Lower Upper
252 100
253 33.5 17.8 26.8#
125 17.5 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 4.54 ng

RT: 23.410 min Scan# 3455

Delta R.T. -0.012 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

Tgt Ion:252 Resp: 61126

Ion Ratio Lower Upper

252 100

253 27.0 17.4 26.0#

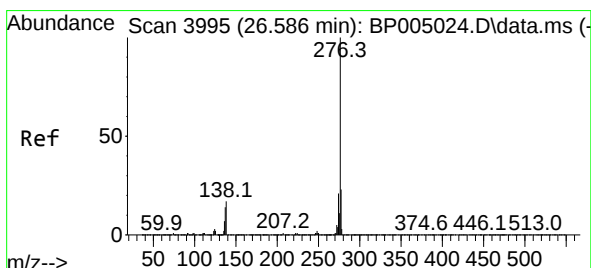
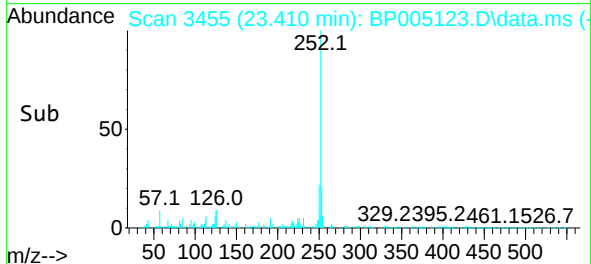
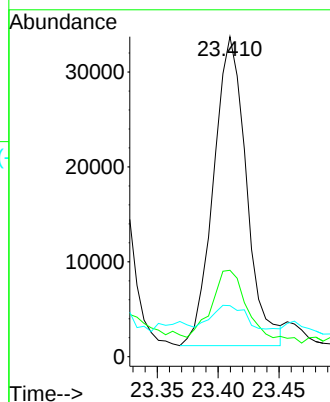
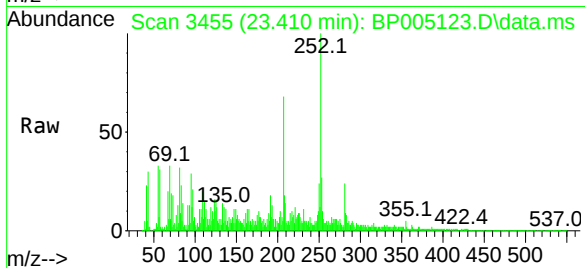
125 16.0 8.2 12.4#

Instrument :

BNA_P

ClientSampleId :

PHC-326FB-003



#92

Benzo(g,h,i)perylene

Concen: 4.26 ng

RT: 26.586 min Scan# 3995

Delta R.T. -0.006 min

Lab File: BP005123.D

Acq: 31 Mar 2021 13:17

Tgt Ion:276 Resp: 56268

Ion Ratio Lower Upper

276 100

277 33.0 19.0 28.6#

138 17.3 16.6 24.8

