

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)

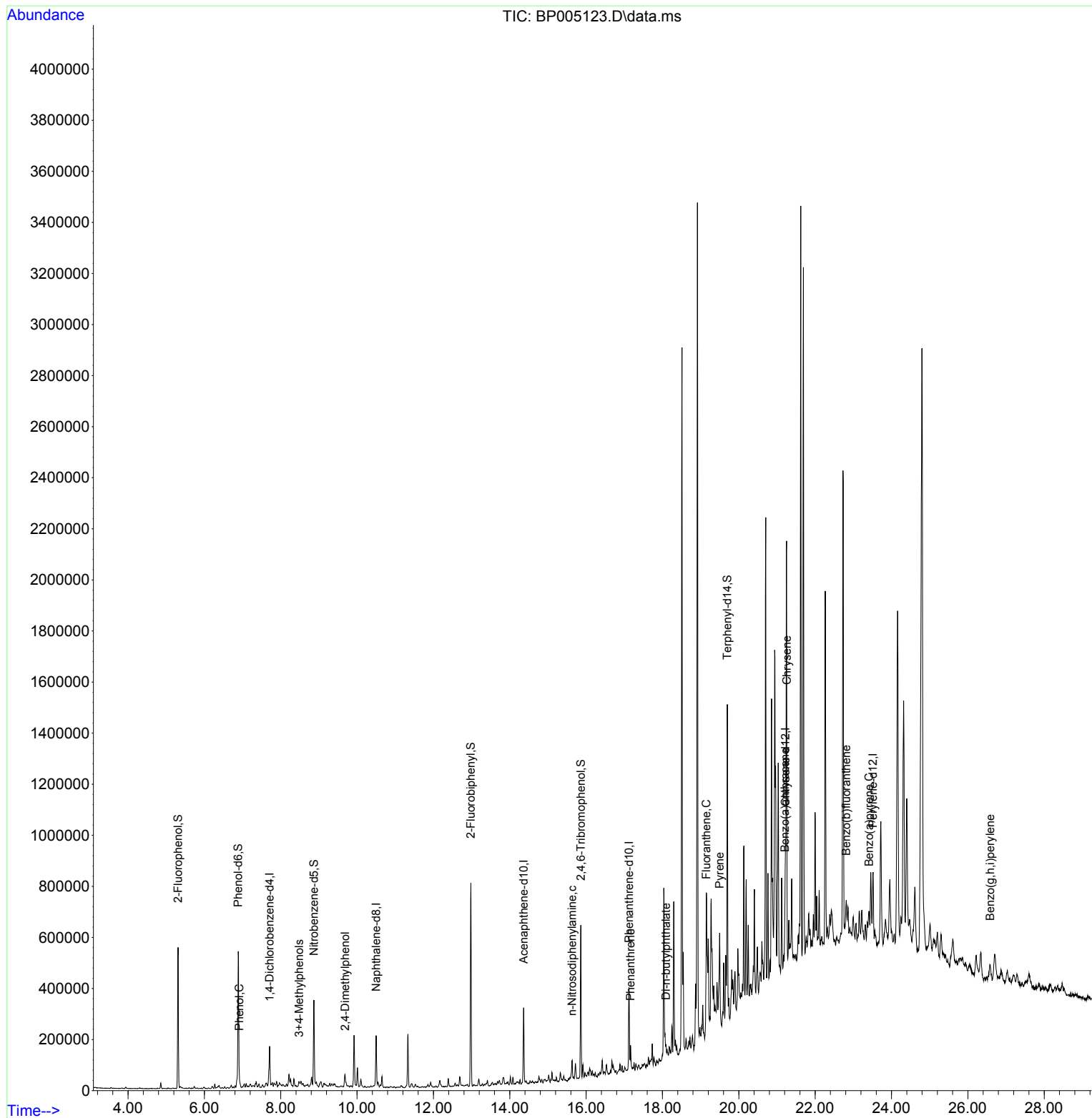
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	40880	20.00	ng	# 0.00
21) Naphthalene-d8	10.499	136	153939	20.00	ng	#-0.01
39) Acenaphthene-d10	14.363	164	98415	20.00	ng	-0.01
64) Phenanthrene-d10	17.122	188	189120	20.00	ng	#-0.01
76) Chrysene-d12	21.222	240	195348	20.00	ng	-0.01
86) Perylene-d12	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
20) 3+4-Methylphenols	8.481	107	8572	2.52	ng	88
27) 2,4-Dimethylphenol	9.687	122	14481	6.14	ng	# 86
66) n-Nitrosodiphenylamine	15.634	169	27888	4.59	ng	91
71) Phenanthrene	17.163	178	56911	5.19	ng	97
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
88) Benzo(b)fluoranthene	22.816	252	78938	5.26	ng	# 76
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

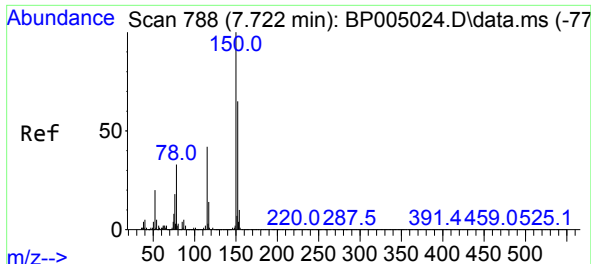
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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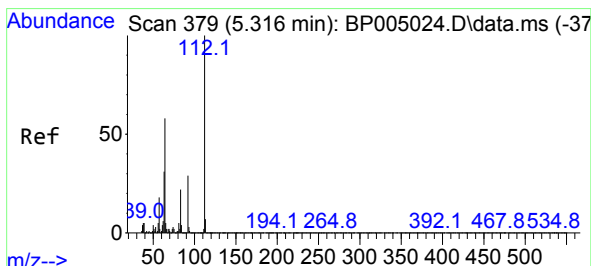
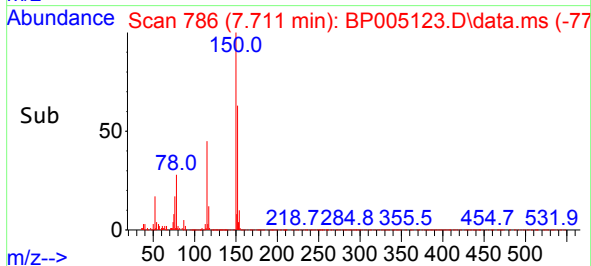
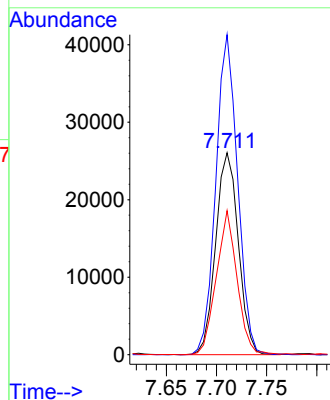
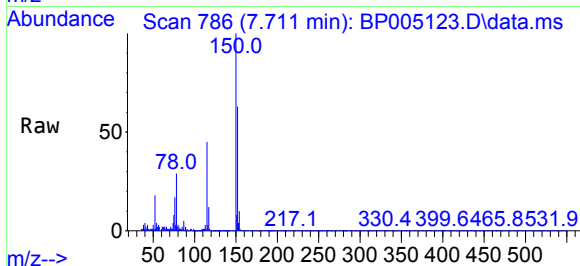




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.711 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

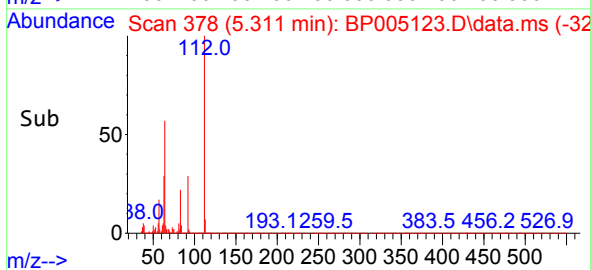
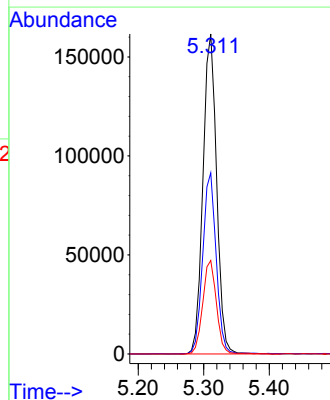
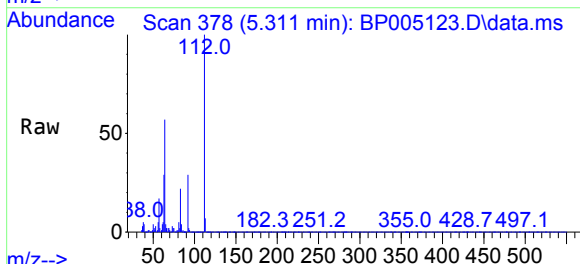
Instrument :
BNA_P
ClientSampleId :
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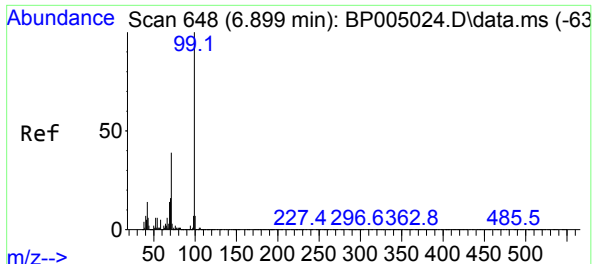
Tgt Ion:152 Resp: 40880
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 71.3 43.8 65.6#



#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#

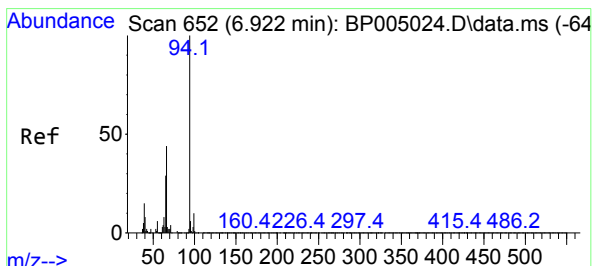
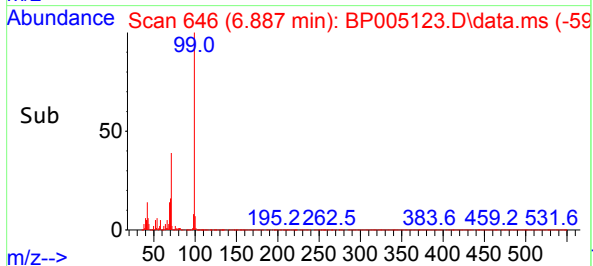
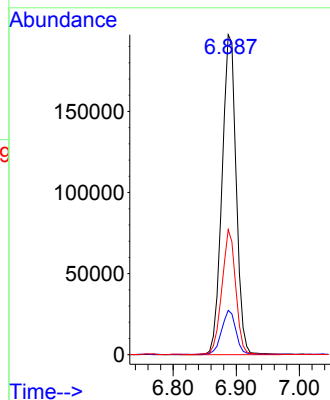
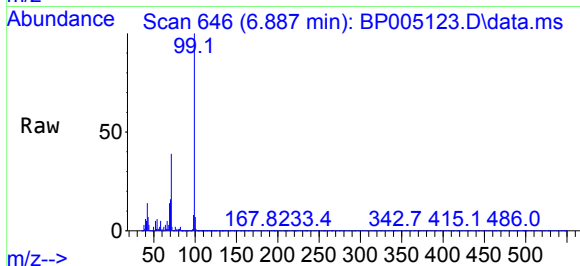




#7
Phenol-d6
Concen: 80.87 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

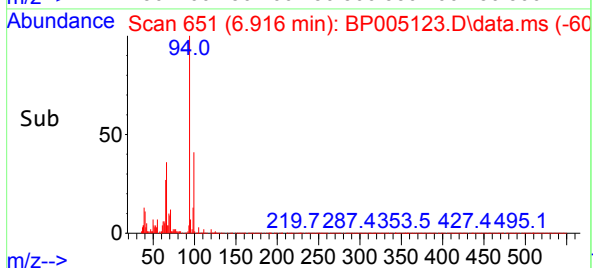
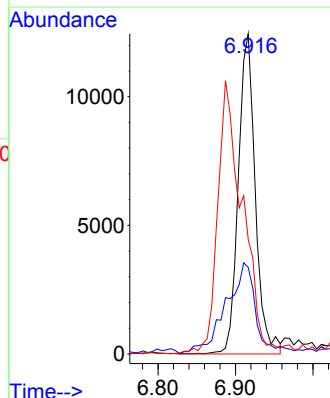
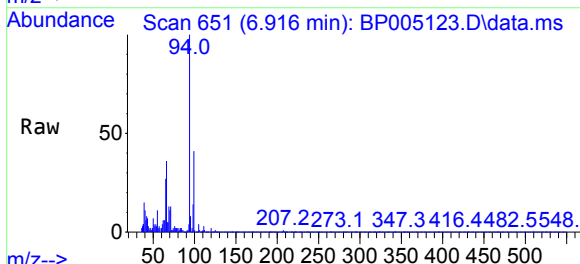
Instrument :
BNA_P
ClientSampleId :
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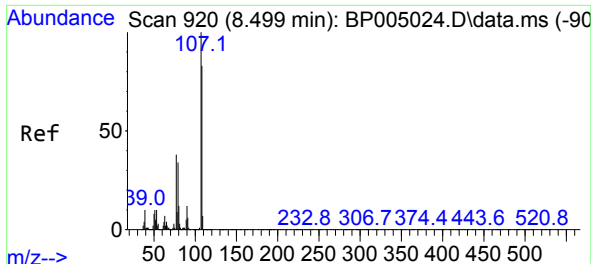
Tgt Ion: 99 Resp: 307703
Ion Ratio Lower Upper
99 100
42 13.9 8.6 13.0#
71 39.1 23.4 35.2#



#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

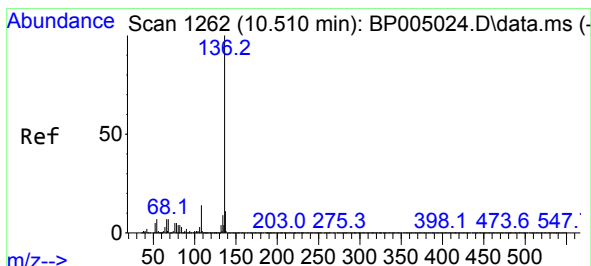
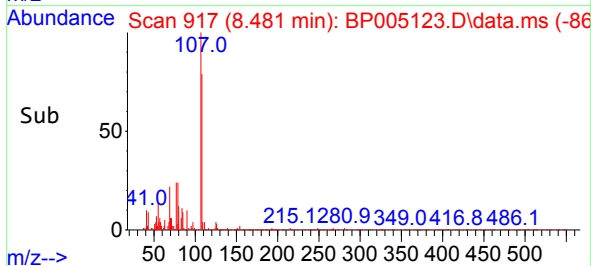
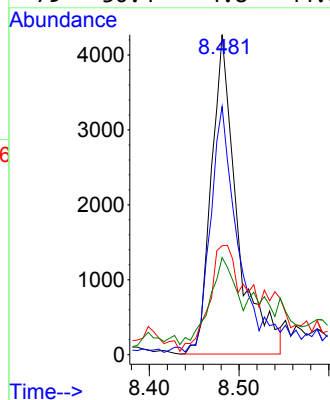
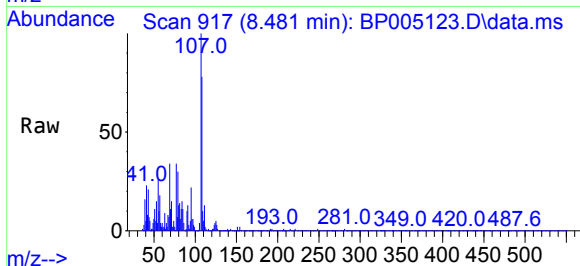




#20
3+4-Methylphenols
Concen: 2.52 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

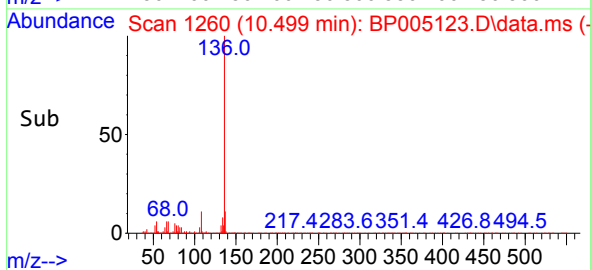
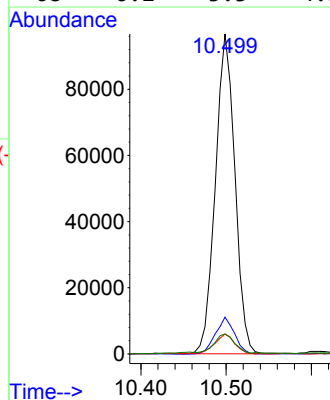
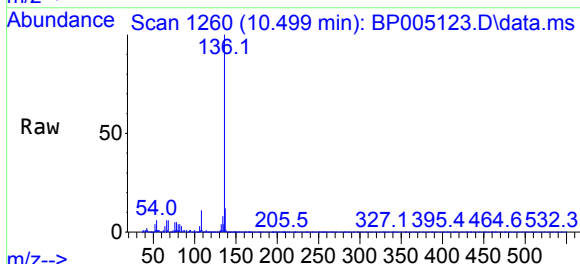
Instrument :
BNA_P
ClientSampleId :
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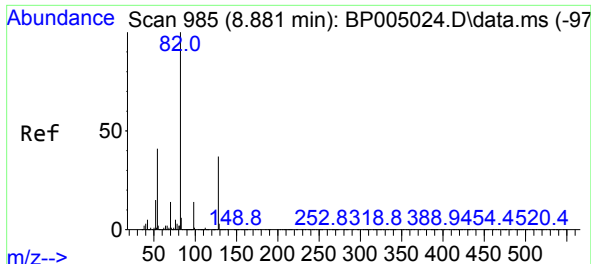
Tgt Ion:	107	Resp:	8572
Ion	Ratio	Lower	Upper
107	100		
108	77.5	69.0	109.0
77	34.0	8.5	48.5
79	30.4	4.8	44.8



#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

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#

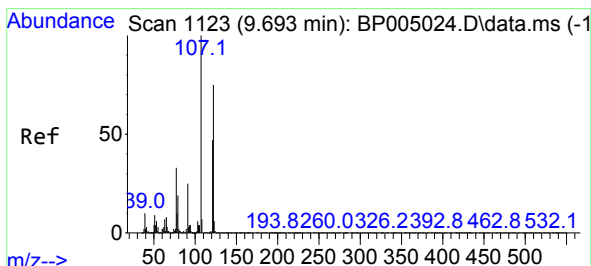
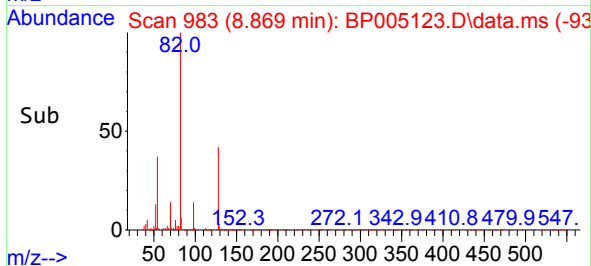
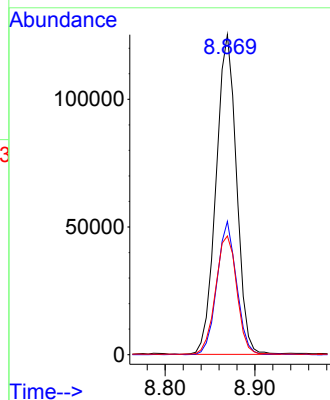
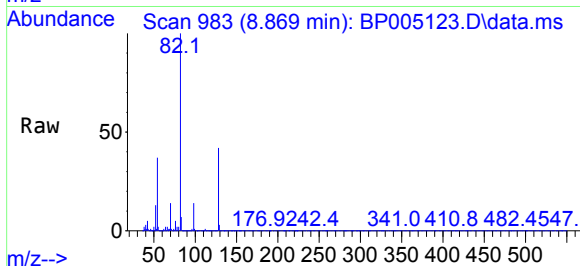




#23
Nitrobenzene-d5
Concen: 55.34 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

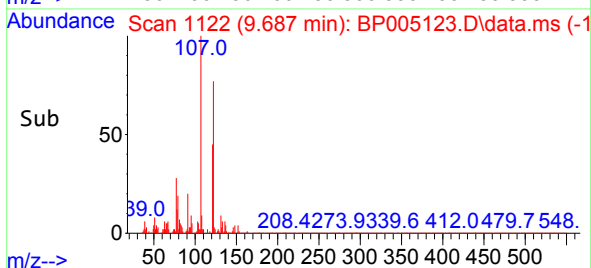
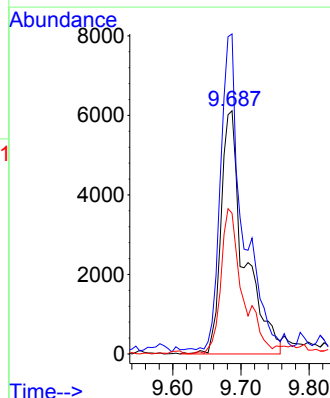
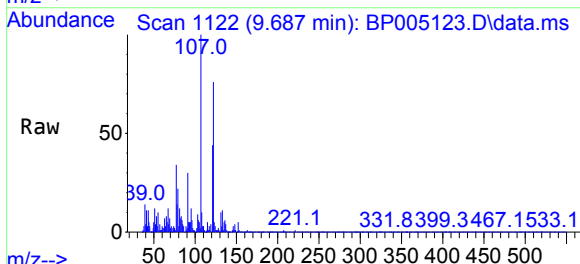
Instrument :
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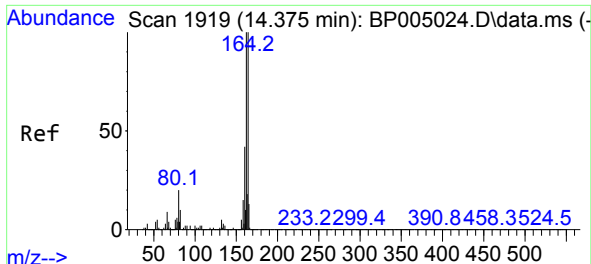
Tgt Ion: 82 Resp: 198559
Ion Ratio Lower Upper
82 100
128 41.7 45.6 68.4#
54 37.1 30.1 45.1



#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

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

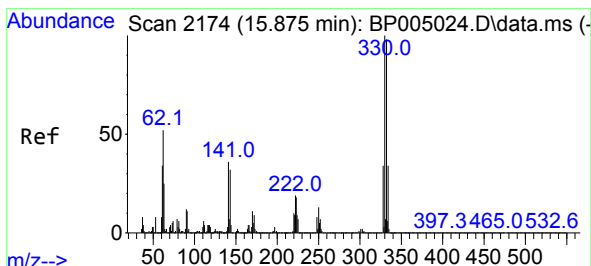
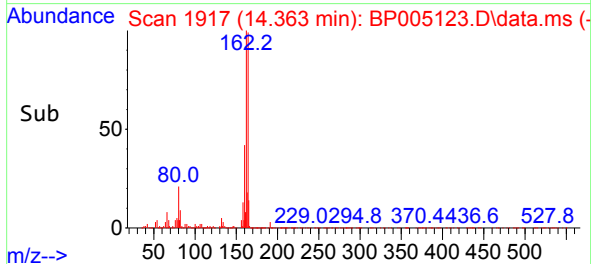
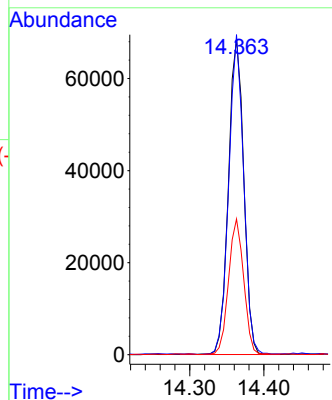
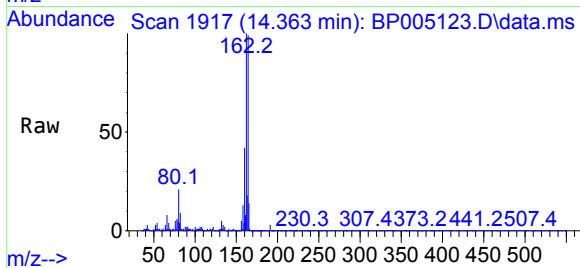




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

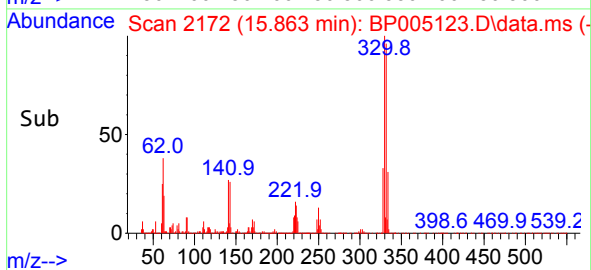
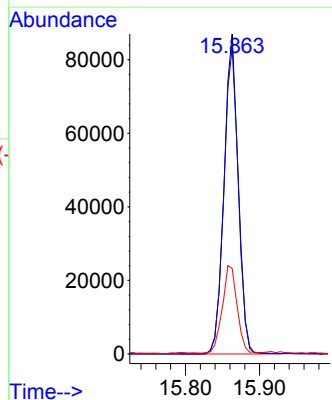
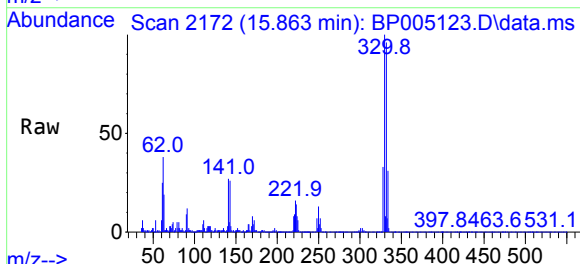
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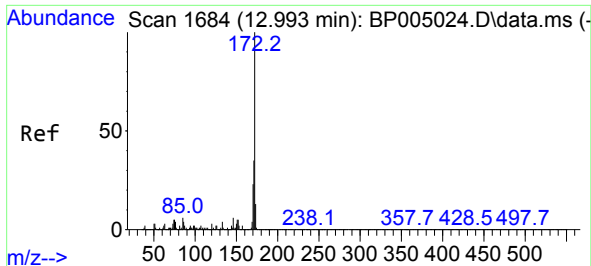
Tgt Ion:164 Resp: 98415
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 43.0 36.1 54.1



#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

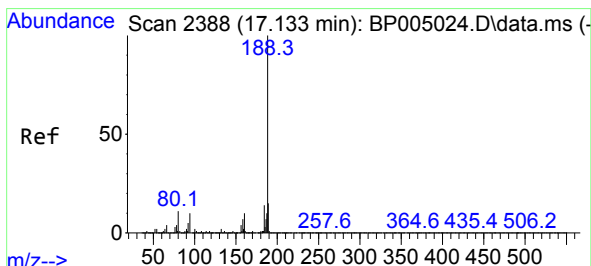
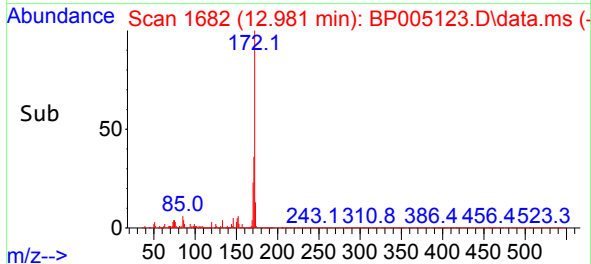
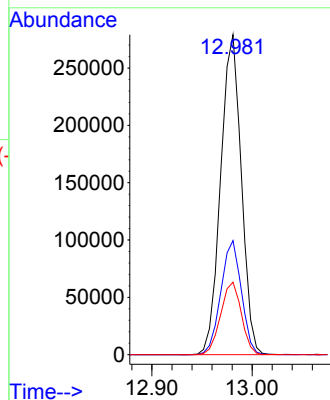
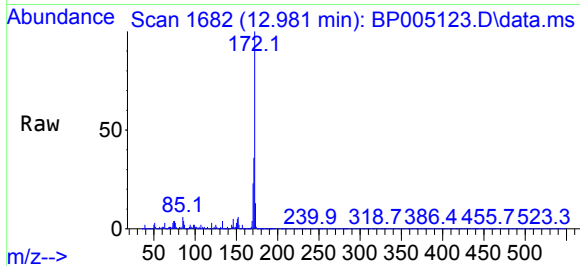




#45
2-Fluorobiphenyl
Concen: 54.86 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

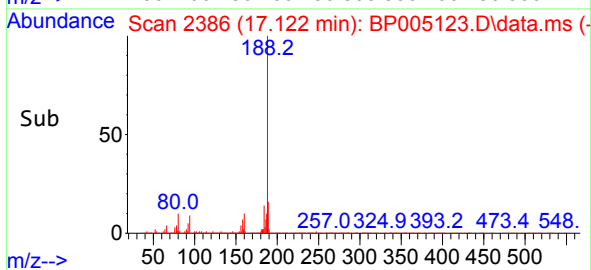
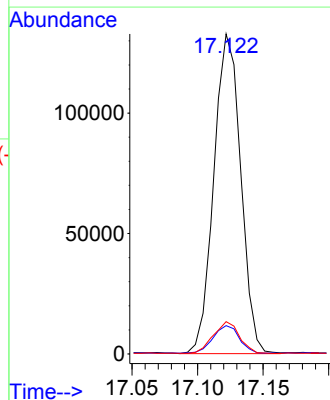
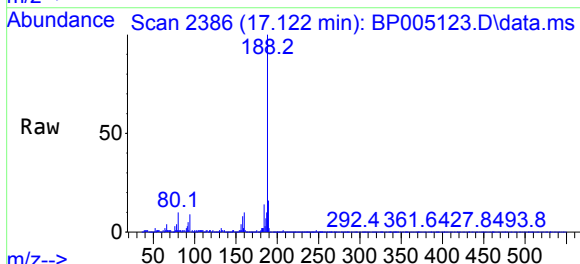
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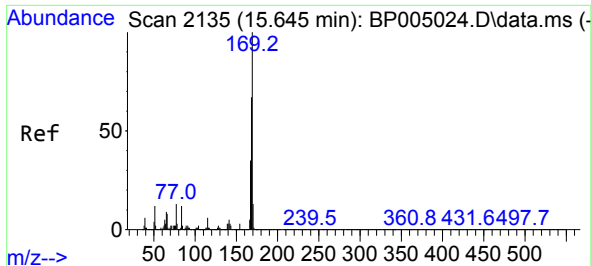
Tgt Ion:172 Resp: 399128
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.7 19.2 28.8



#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#

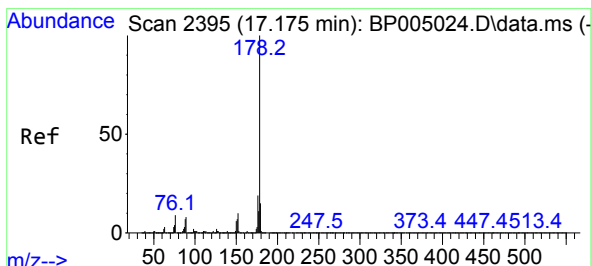
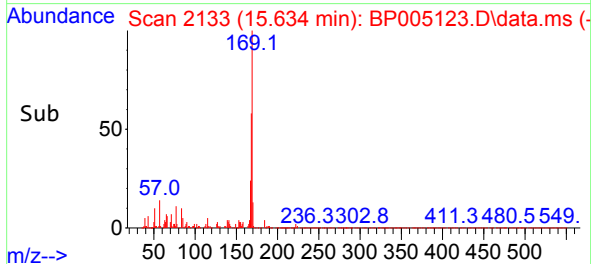
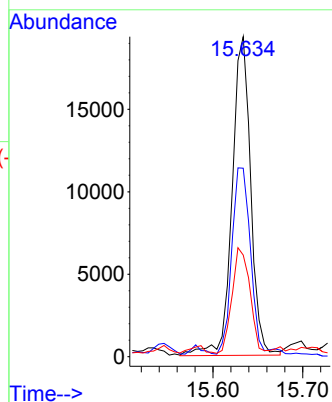
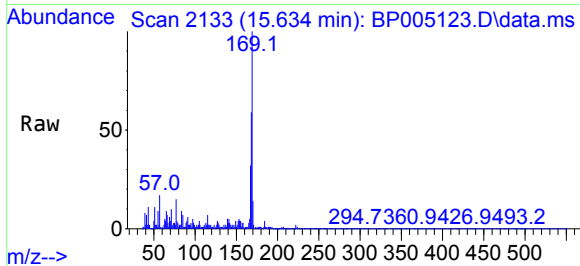




#66
n-Nitrosodiphenylamine
Concen: 4.59 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

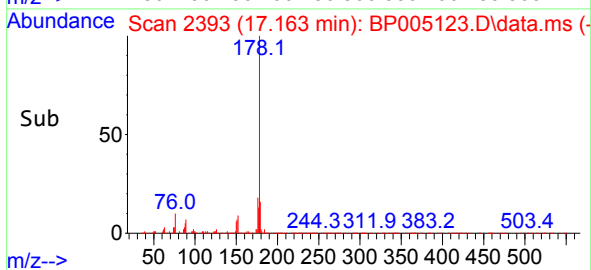
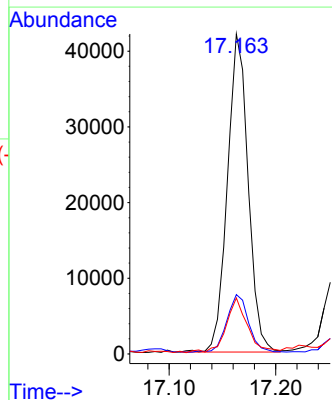
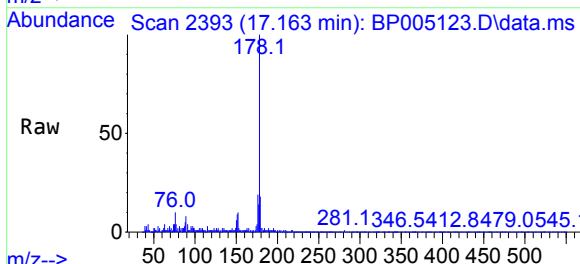
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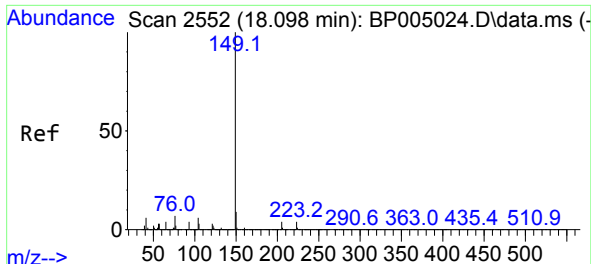
Tgt Ion:	169	Resp:	27888
Ion Ratio	Lower	Upper	
169	100		
168	58.9	53.8	80.6
167	31.8	28.9	43.3



#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

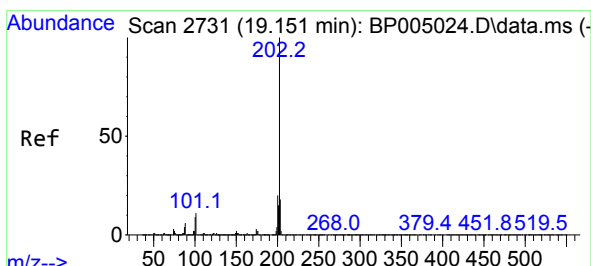
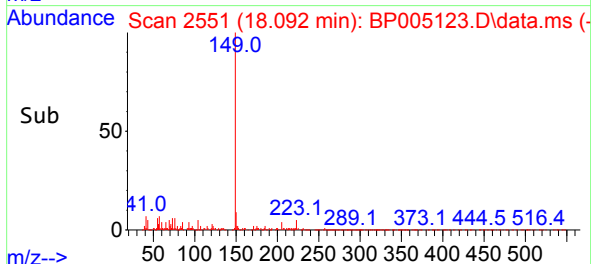
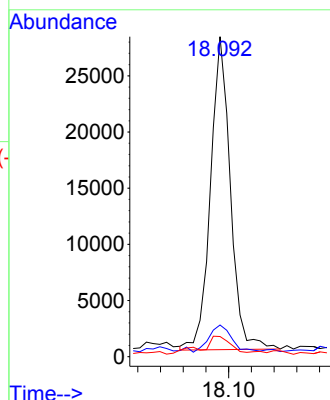
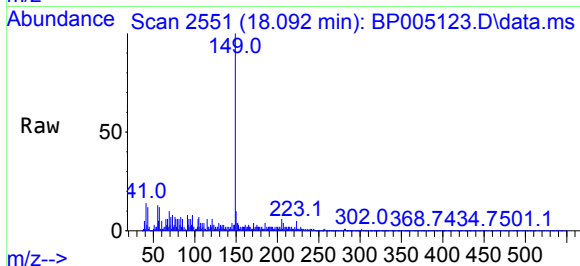




#74
Di-n-butylphthalate
Concen: 3.06 ng
RT: 18.092 min Scan# 2551
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

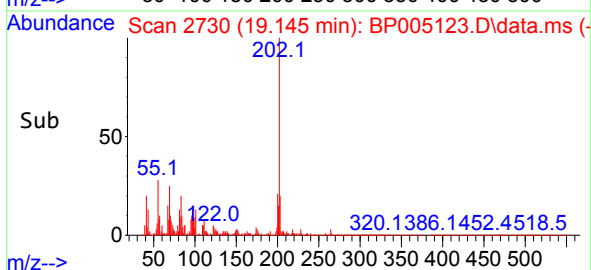
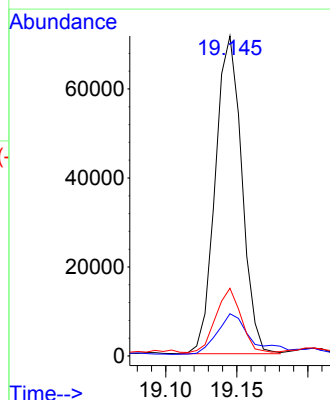
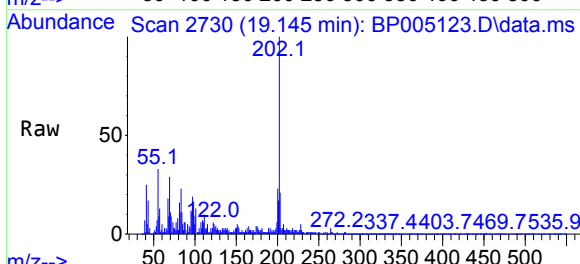
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

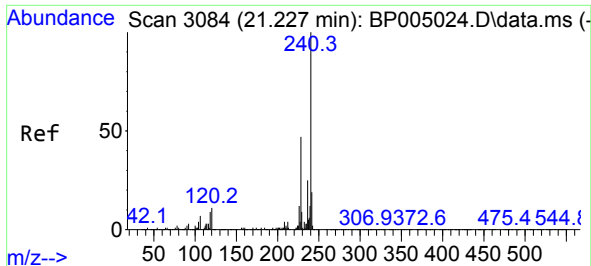
Tgt Ion:	149	Resp:	33883
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.3	10.9
104	6.3	3.4	5.0#



#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

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

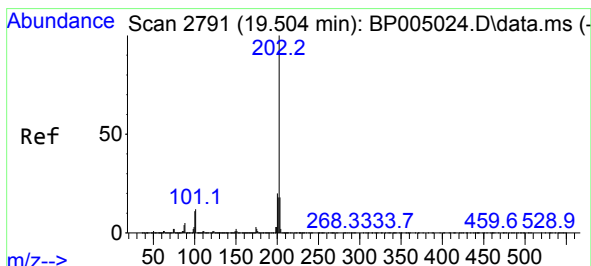
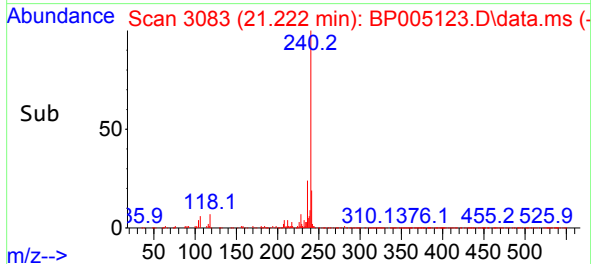
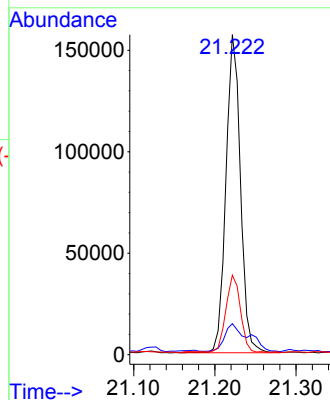
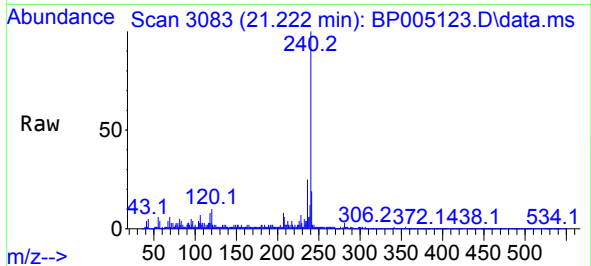




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.222 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

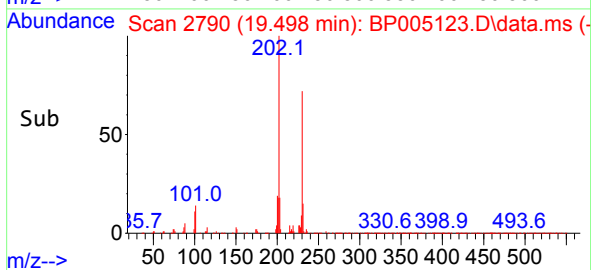
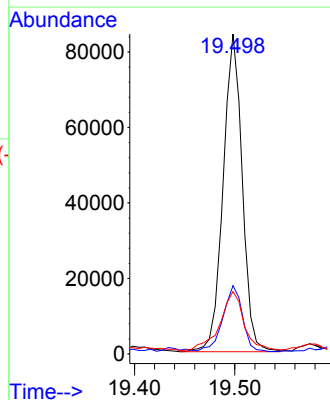
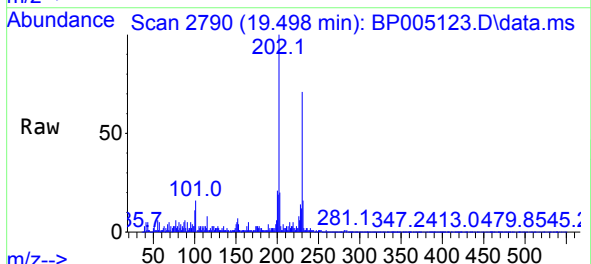
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

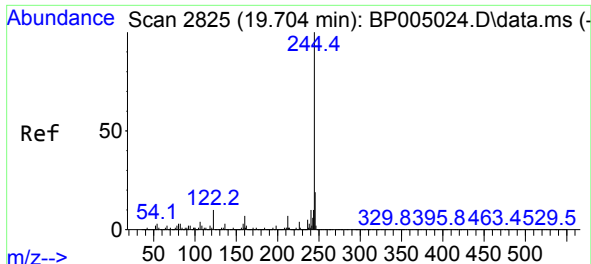
Tgt Ion:240 Resp: 195348
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 24.8 20.8 31.2



#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

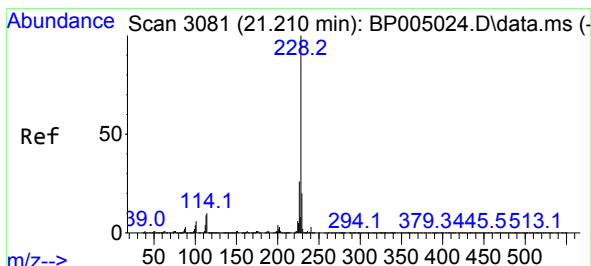
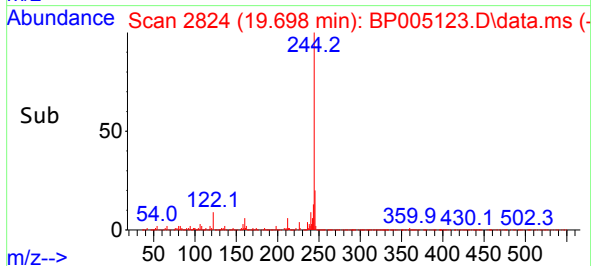
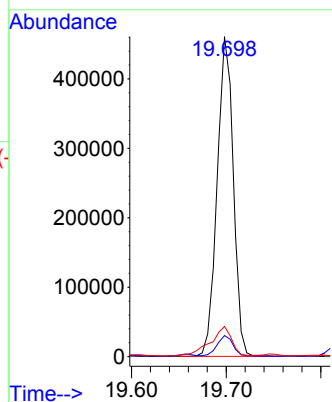
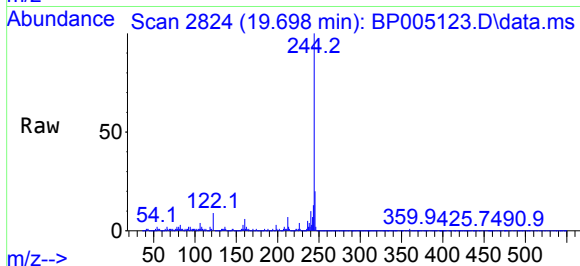




#79
 Terphenyl-d14
 Concen: 50.95 ng
 RT: 19.698 min Scan# 2824
 Delta R.T. -0.012 min
 Lab File: BP005123.D
 Acq: 31 Mar 2021 13:17

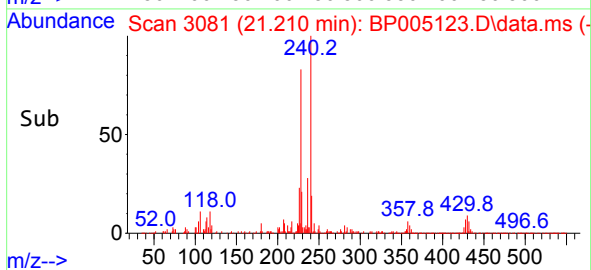
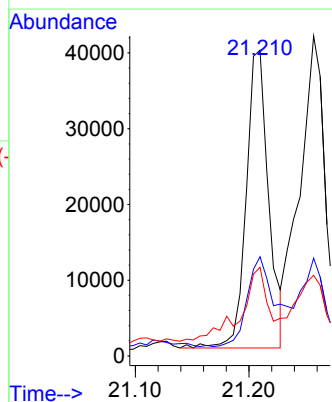
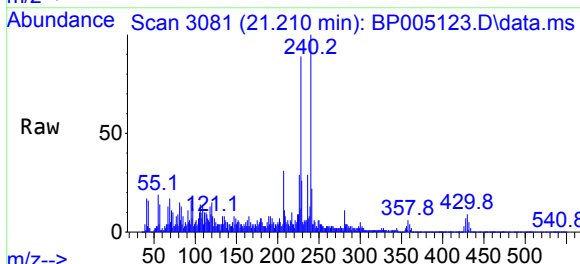
Instrument :
 BNA_P
 ClientSampleId :
 PHC-326FB-003

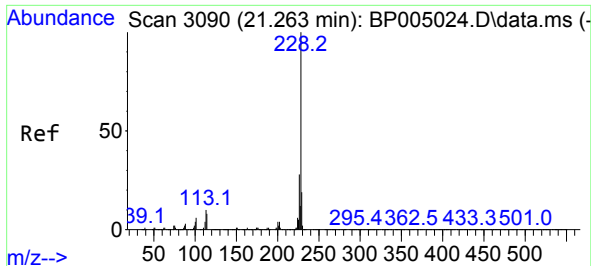
Tgt Ion:244 Resp: 546699
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 9.4 7.8 11.8



#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

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#

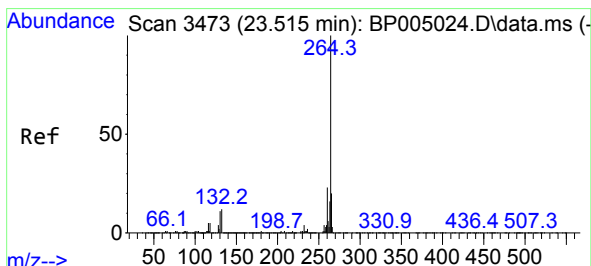
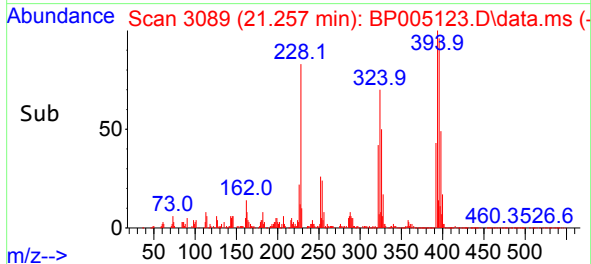
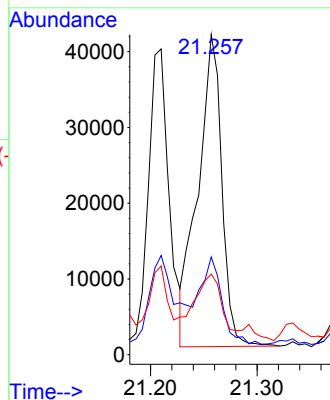
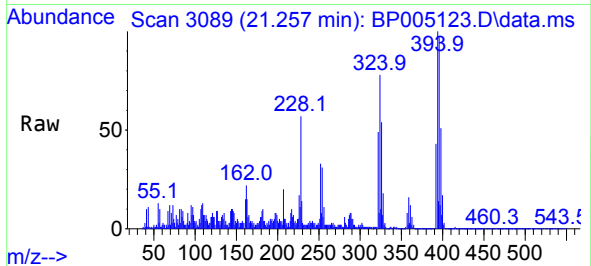




#83
Chrysene
Concen: 4.94 ng
RT: 21.257 min Scan# 3089
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

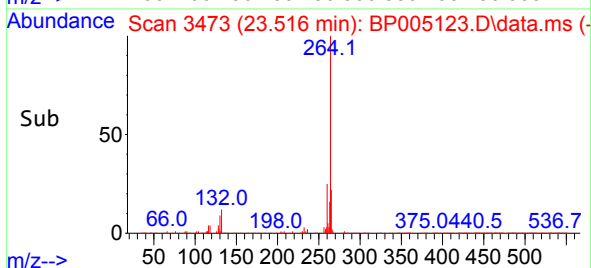
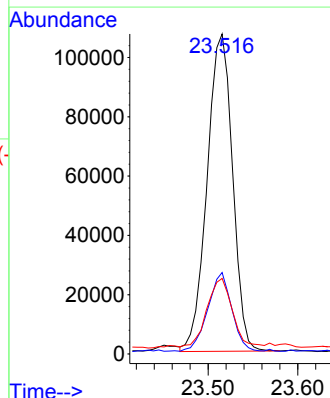
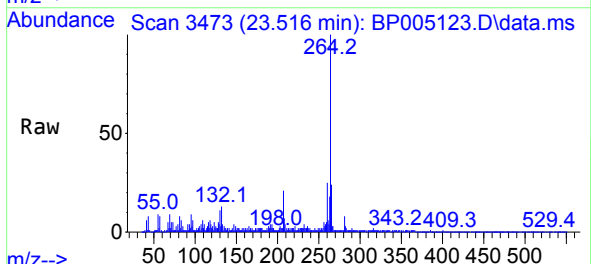
Instrument :
BNA_P
ClientSampleID :
PHC-326FB-003

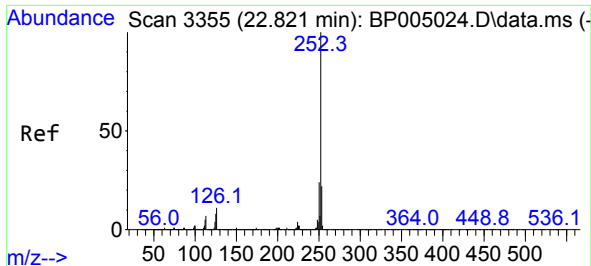
Tgt Ion:228 Resp: 64366
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 25.2 15.8 23.6#



#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

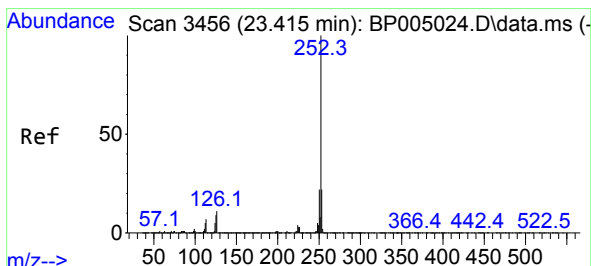
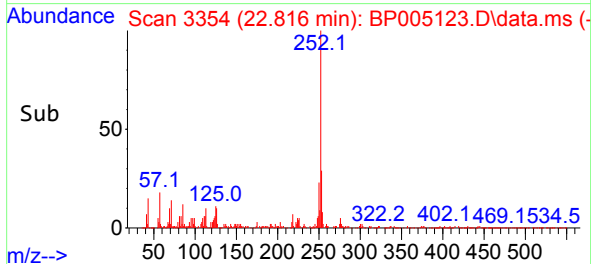
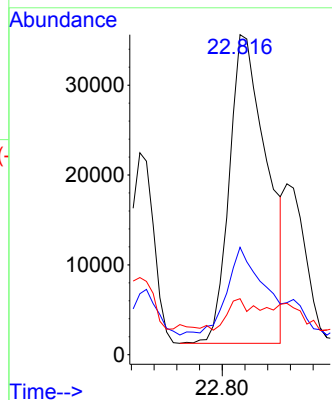
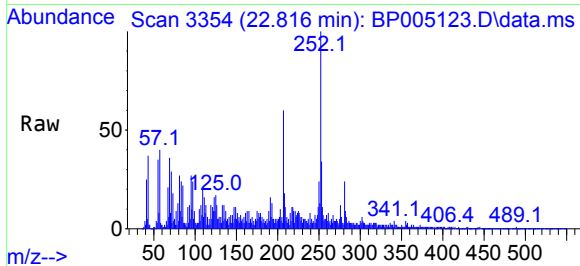




#88
Benzo(b)fluoranthene
Concen: 5.26 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.012 min
Lab File: BP005123.D
Acq: 31 Mar 2021 13:17

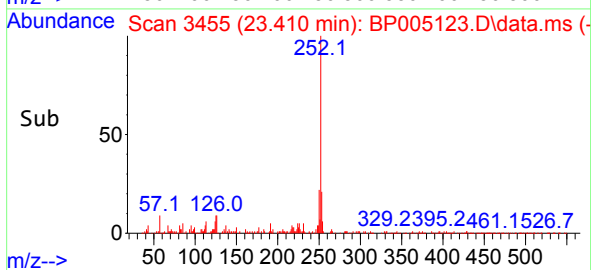
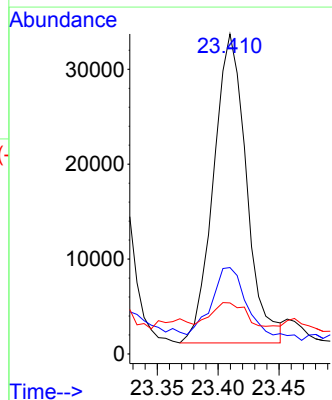
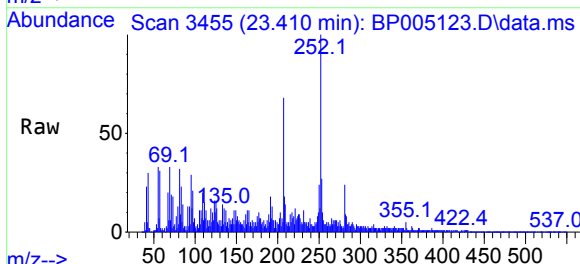
Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003

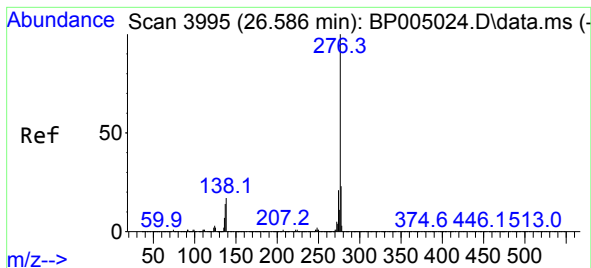
Tgt Ion:252 Resp: 78938
Ion Ratio Lower Upper
252 100
253 33.5 17.6 26.4#
125 17.5 7.3 10.9#



#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

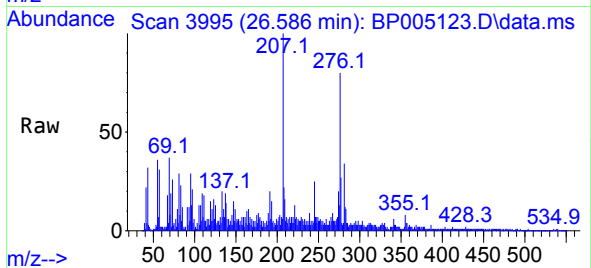
Tgt Ion:252 Resp: 61126
Ion Ratio Lower Upper
252 100
253 27.0 17.4 26.0#
125 16.0 8.2 12.4#





#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

Instrument :
BNA_P
ClientSampleId :
PHC-326FB-003



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

