

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
 Data File : BP004065.D
 Acq On : 23 Nov 2020 20:46
 Operator : CG/JU
 Sample : L4858-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PHC-340EM-012

Quant Time: Nov 24 06:24:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

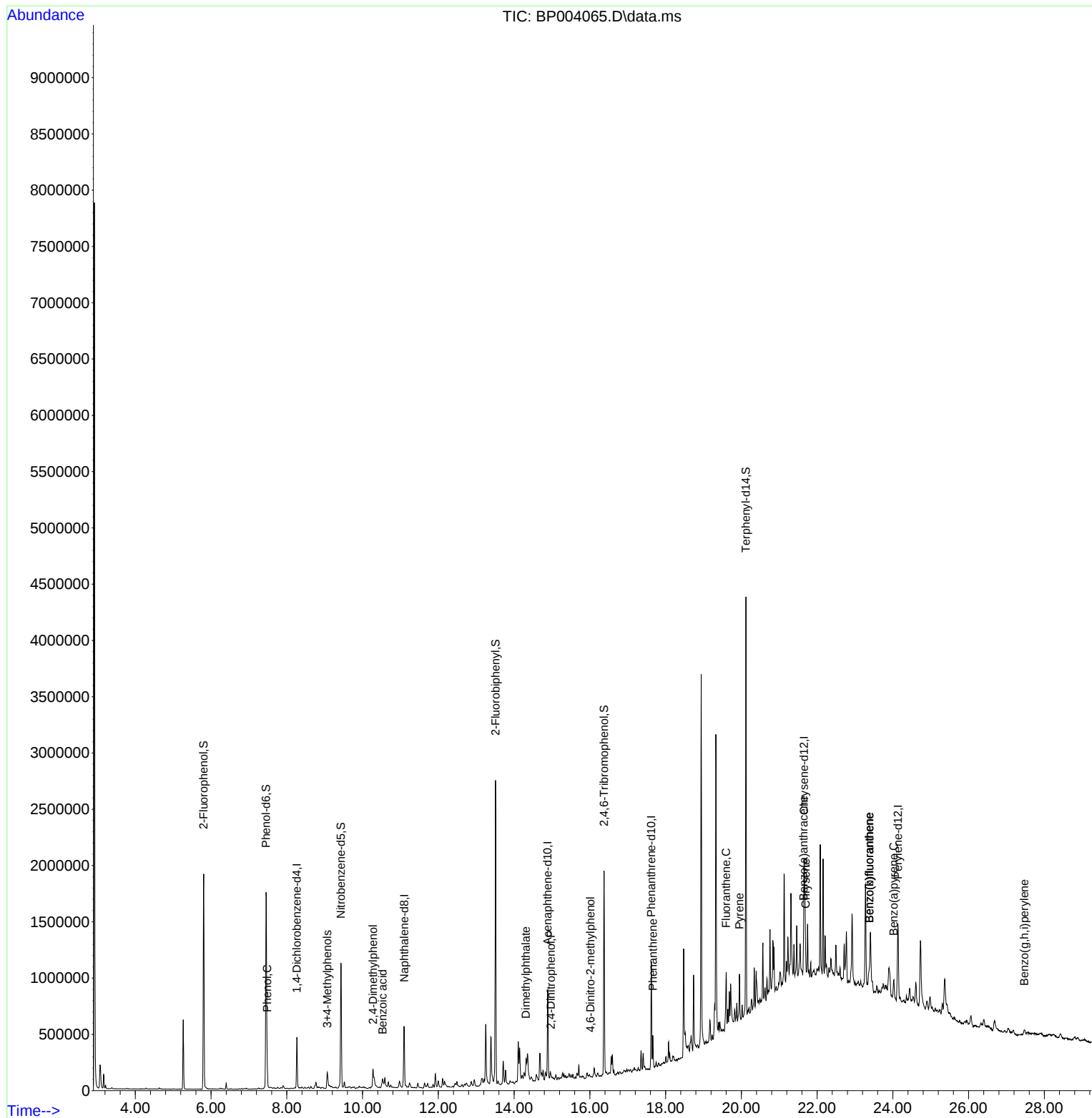
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	117155	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	449238	20.00	ng	# 0.00
39) Acenaphthene-d10	14.886	164	275222	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	548512	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	490300	20.00	ng	0.00
86) Perylene-d12	24.133	264	527017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	794090	113.13	ng	0.00
7) Phenol-d6	7.451	99	1007486	99.98	ng	0.00
23) Nitrobenzene-d5	9.428	82	631381	68.83	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	358386	104.11	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1336629	67.90	ng	0.00
79) Terphenyl-d14	20.121	244	1519088	59.86	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.381	77	619	Below Cal	#	69
10) Phenol	7.481	94	113632	11.69	ng	81
20) 3+4-Methylphenols	9.069	107	86415	10.14	ng	96
27) 2,4-Dimethylphenol	10.275	122	55452	9.34	ng	89
32) Benzoic acid	10.528	122	18380	11.95	ng	# 33
50) Dimethylphthalate	14.310	163	69472	3.23	ng	# 99
54) 2,4-Dinitrophenol	14.969	184	24	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	207	6.40	ng	# 1
71) Phenanthrene	17.663	178	162611	5.28	ng	99
75) Fluoranthene	19.598	202	249574	7.03	ng	97
78) Pyrene	19.951	202	241201	7.25	ng	99
81) Benzo(a)anthracene	21.639	228	103959	3.22	ng	# 96
83) Chrysene	21.698	228	124961	4.02	ng	# 95
88) Benzo(b)fluoranthene	23.380	252	195017	5.65	ng	# 87
89) Benzo(k)fluoranthene	23.380	252	195017	5.73	ng	# 87
90) Benzo(a)pyrene	24.021	252	98655	3.09	ng	# 89
92) Benzo(g,h,i)perylene	27.474	276	79337	2.59	ng	95

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

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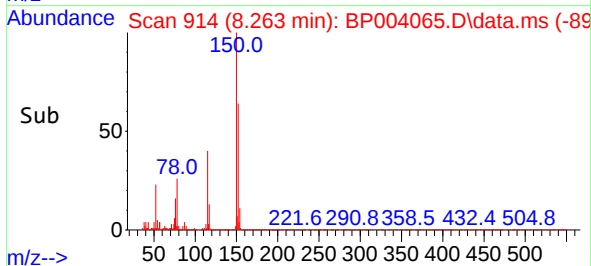
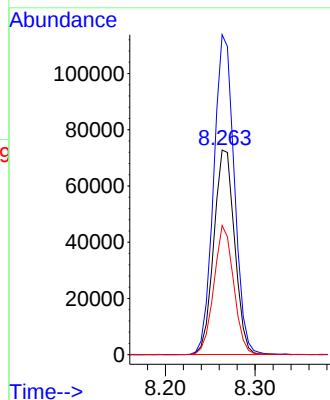
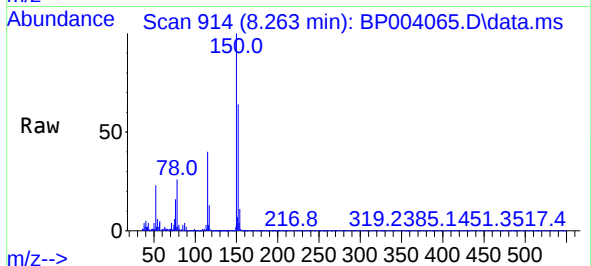




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

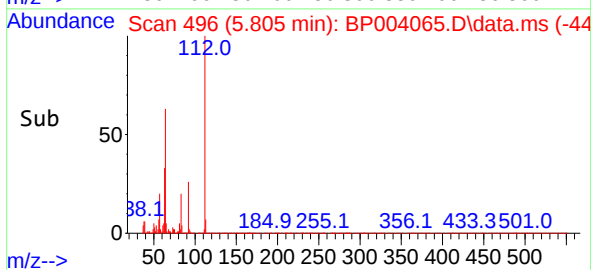
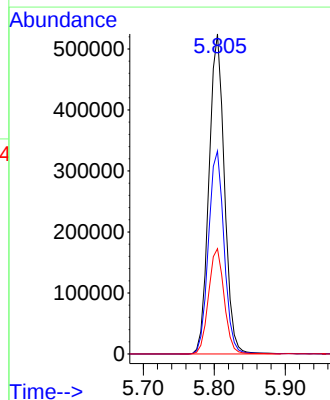
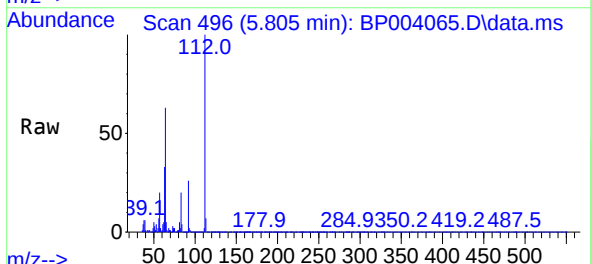
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

Tgt Ion:152 Resp: 117155
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 63.1 43.8 65.6



#5
2-Fluorophenol
Concen: 113.13 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:112 Resp: 794090
Ion Ratio Lower Upper
112 100
64 63.4 32.8 49.2#
63 32.9 17.0 25.4#

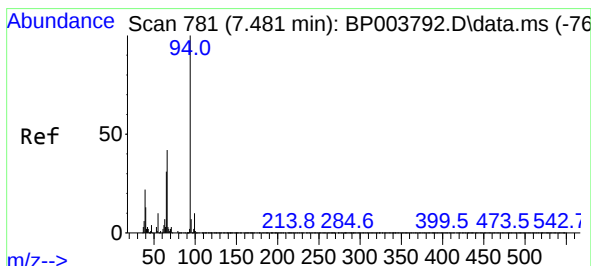
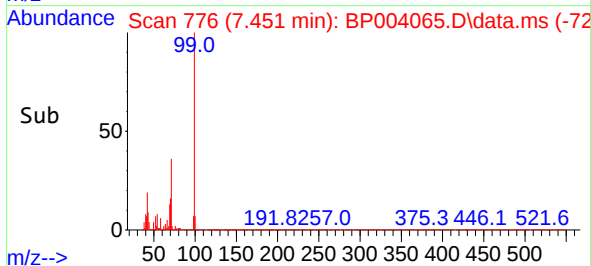
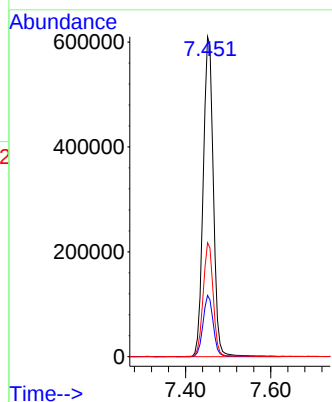
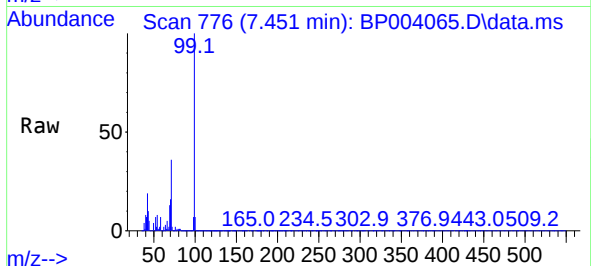




#7
Phenol-d6
Concen: 99.98 ng
RT: 7.451 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

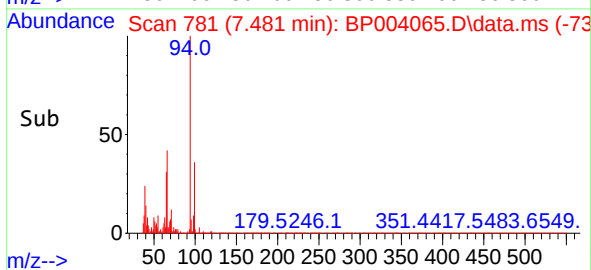
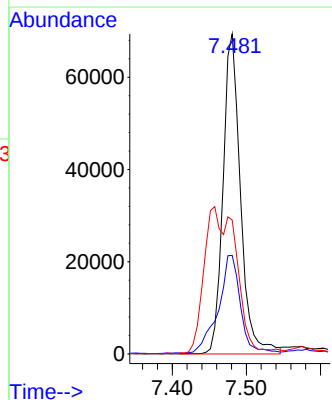
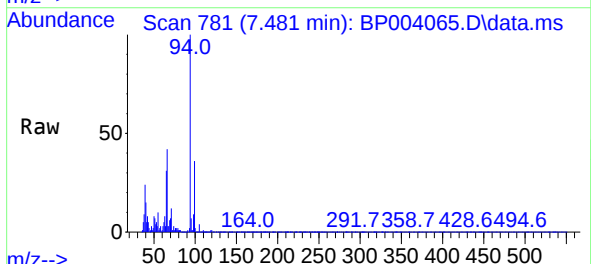
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

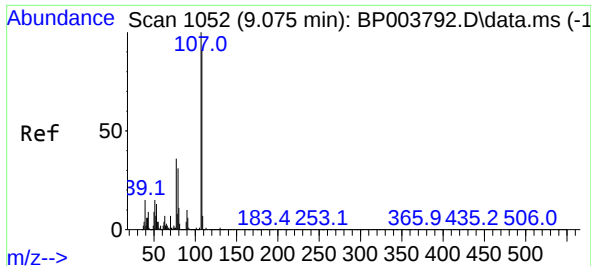
Tgt Ion: 99 Resp: 1007486
Ion Ratio Lower Upper
99 100
42 19.2 8.6 13.0#
71 35.6 23.4 35.2#



#10
Phenol
Concen: 11.69 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion: 94 Resp: 113632
Ion Ratio Lower Upper
94 100
65 30.8 2.3 42.3
66 41.8 10.9 50.9

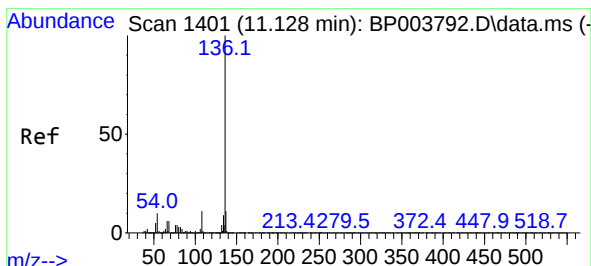
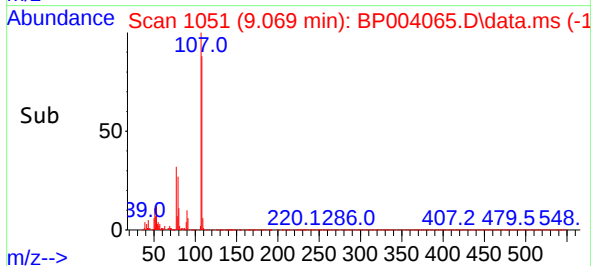
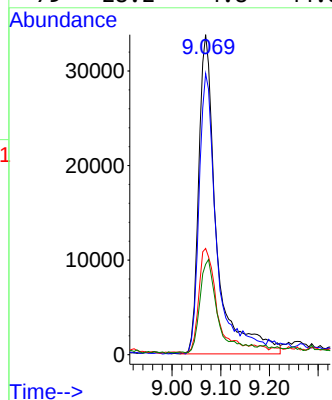
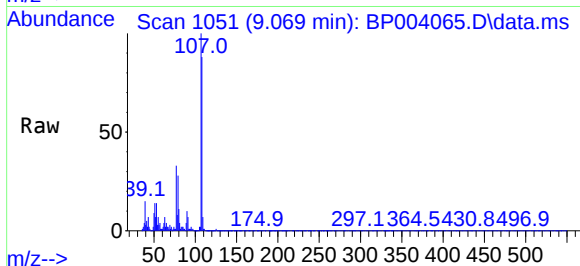




#20
3+4-Methylphenols
Concen: 10.14 ng
RT: 9.069 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

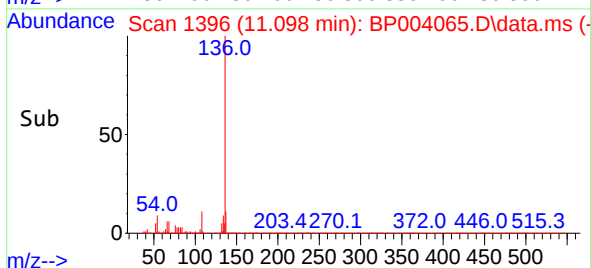
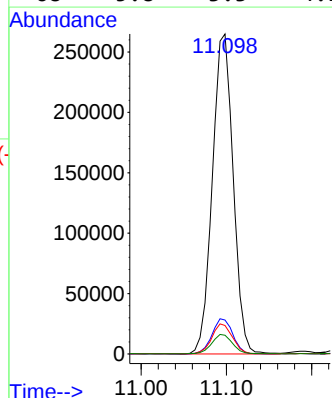
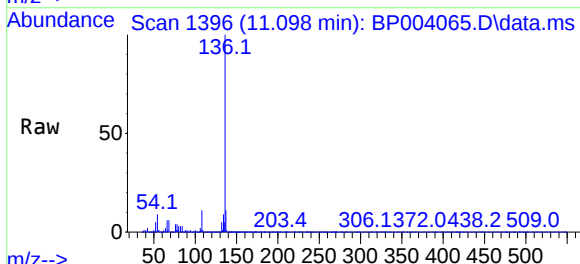
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

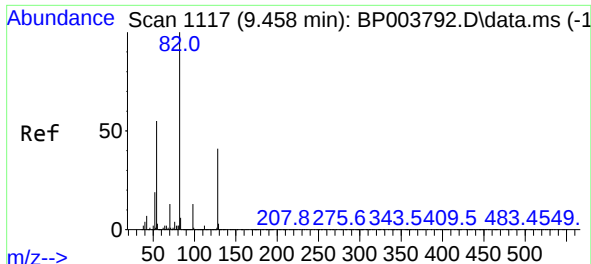
Tgt Ion:107	Resp:	86415
Ion	Ratio	Lower Upper
107	100	
108	87.8	69.0 109.0
77	33.2	8.5 48.5
79	28.2	4.8 44.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:136	Resp:	449238
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.6 13.0
54	8.9	3.6 5.4#
68	5.8	3.3 4.9#

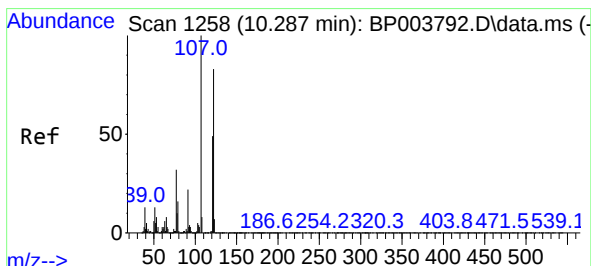
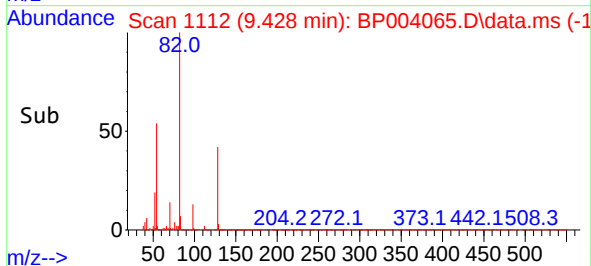
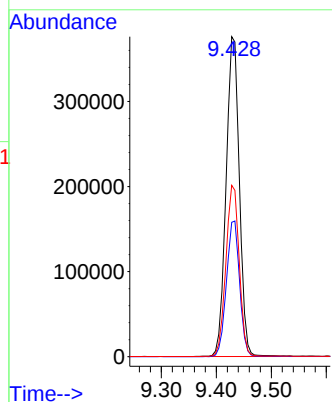
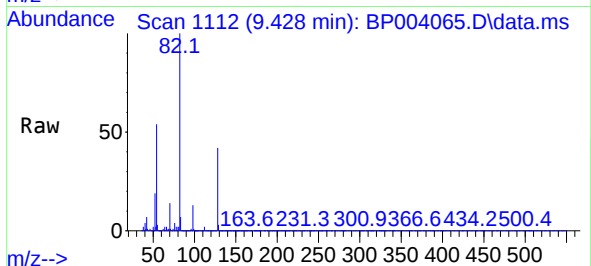




#23
Nitrobenzene-d5
Concen: 68.83 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

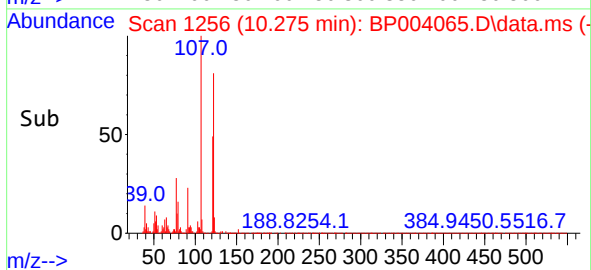
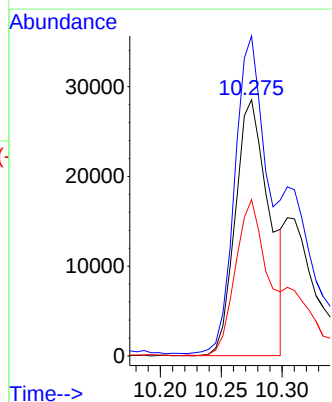
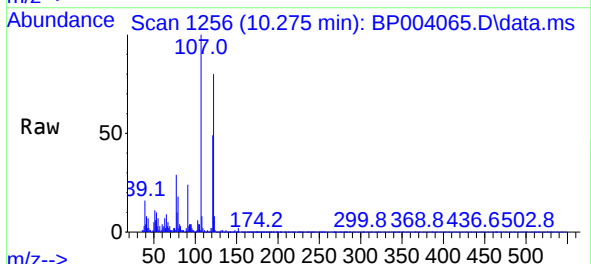
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

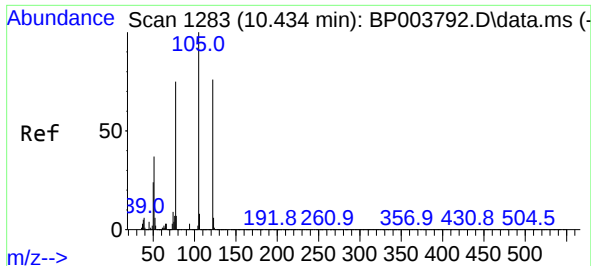
Tgt Ion: 82 Resp: 631381
Ion Ratio Lower Upper
82 100
128 42.0 45.6 68.4#
54 53.6 30.1 45.1#



#27
2,4-Dimethylphenol
Concen: 9.34 ng
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion: 122 Resp: 55452
Ion Ratio Lower Upper
122 100
107 124.9 87.3 130.9
121 61.0 47.3 70.9

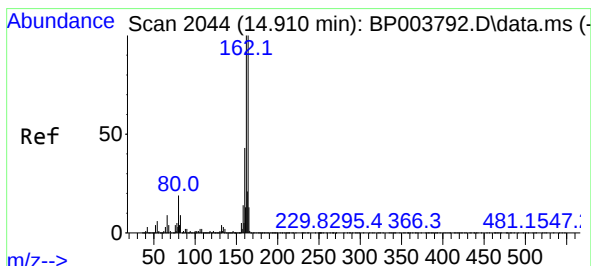
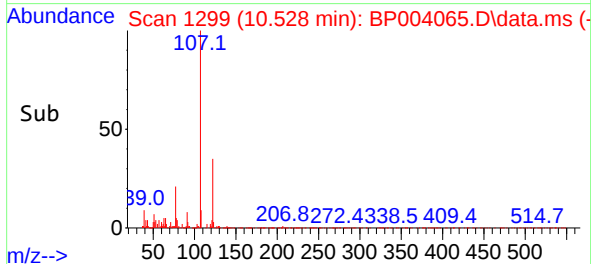
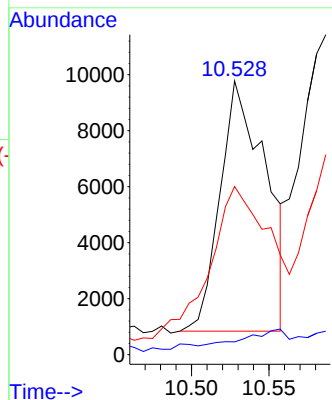
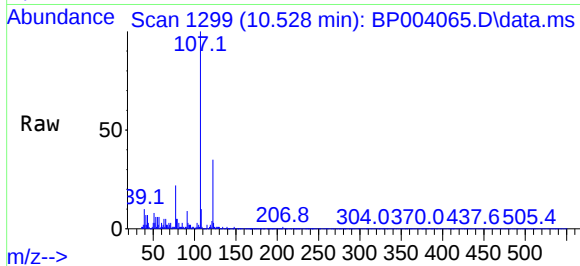




#32
Benzoic acid
Concen: 11.95 ng
RT: 10.528 min Scan# 1299
Delta R.T. 0.071 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

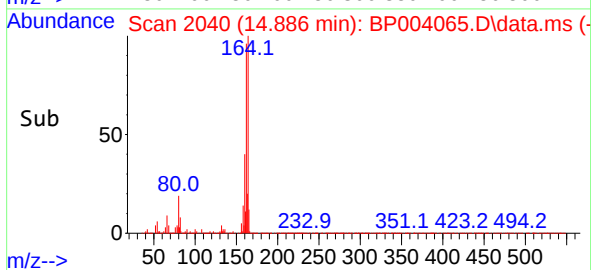
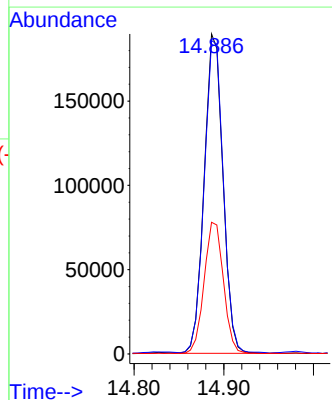
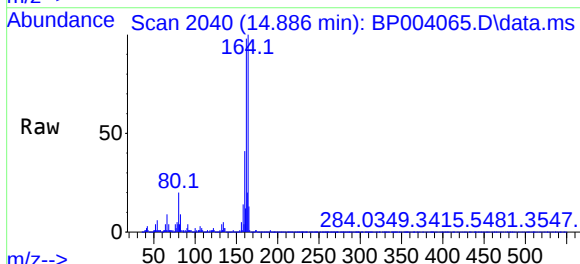
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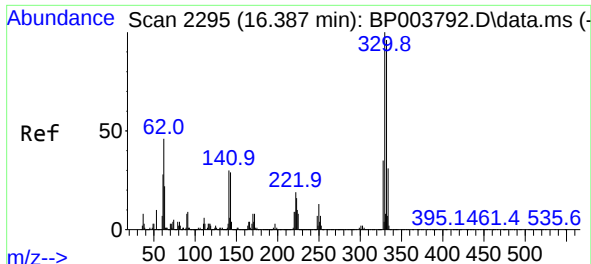
Tgt Ion:122 Resp: 18380
Ion Ratio Lower Upper
122 100
105 4.7 94.1 134.1#
77 61.4 50.1 90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:164 Resp: 275222
Ion Ratio Lower Upper
164 100
162 97.9 79.4 119.2
160 41.2 36.1 54.1

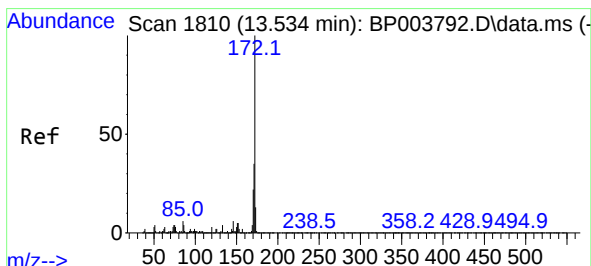
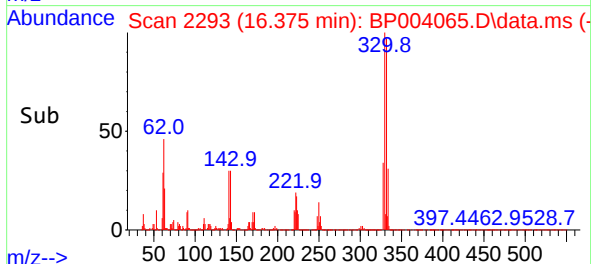
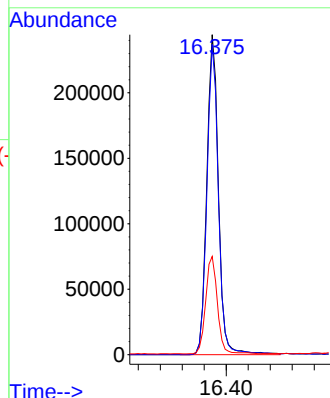
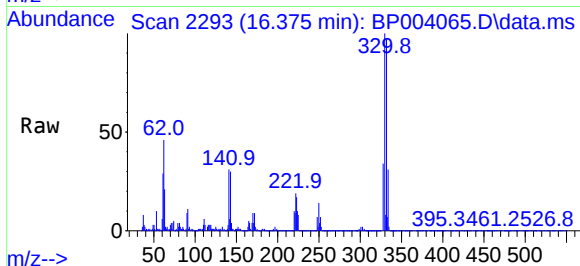




#42
2,4,6-Tribromophenol
Concen: 104.11 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

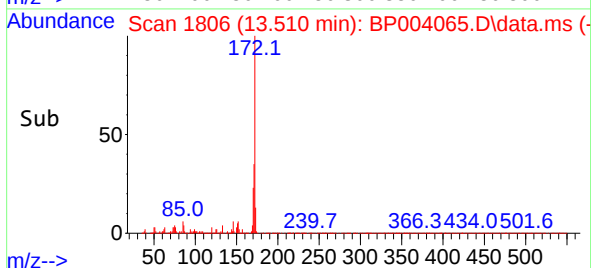
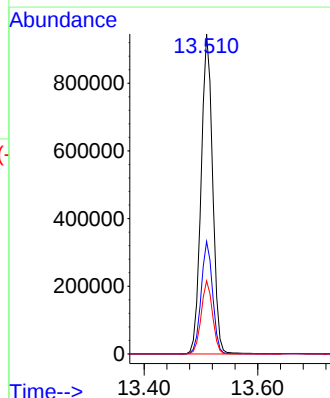
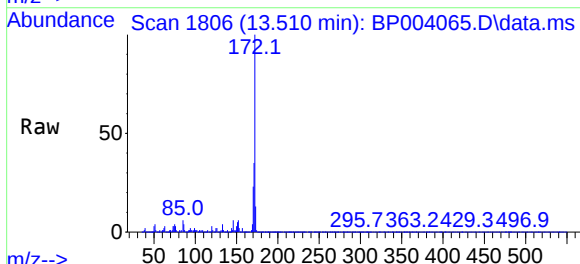
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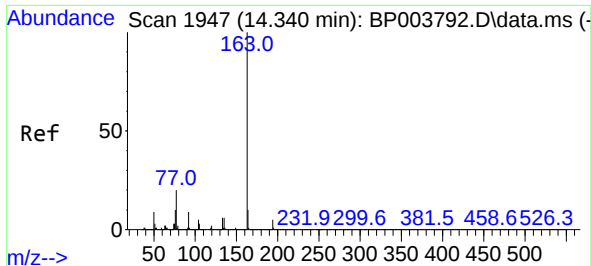
Tgt Ion:330 Resp: 358386
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 30.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 67.90 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:172 Resp: 1336629
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.8 19.2 28.8

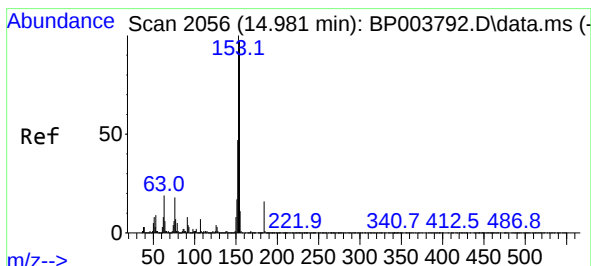
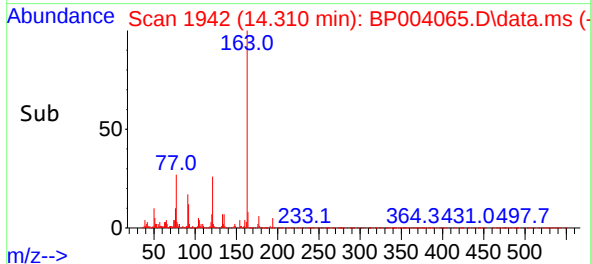
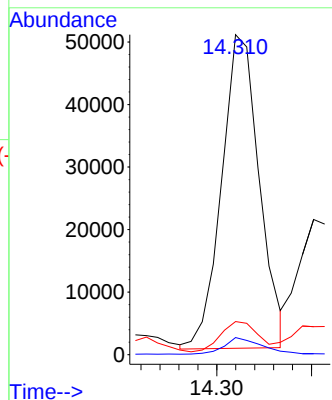
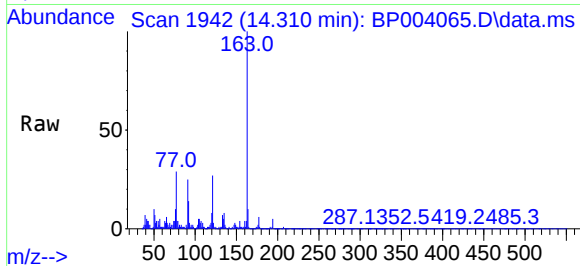




#50
Dimethylphthalate
Concen: 3.23 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

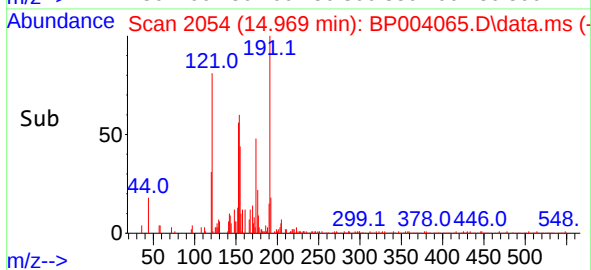
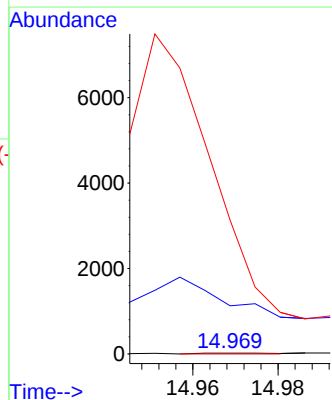
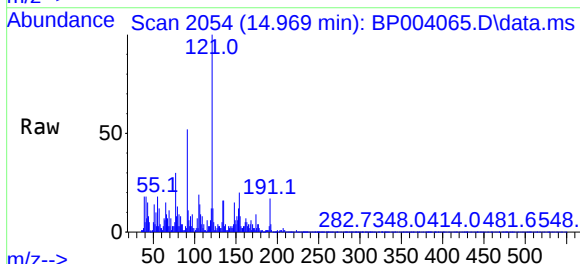
Instrument :
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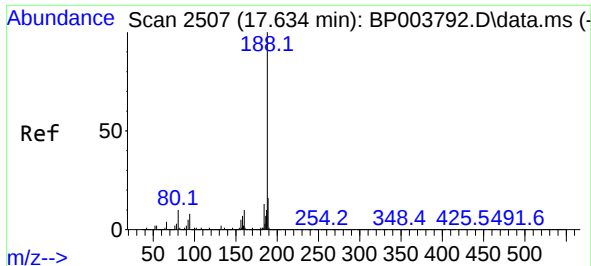
Tgt Ion:163 Resp: 69472
Ion Ratio Lower Upper
163 100
194 5.3 3.3 4.9#
164 10.3 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.969 min Scan# 2054
Delta R.T. -0.023 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 5942.1 32.3 48.5#
154 16484.2 49.1 73.7#

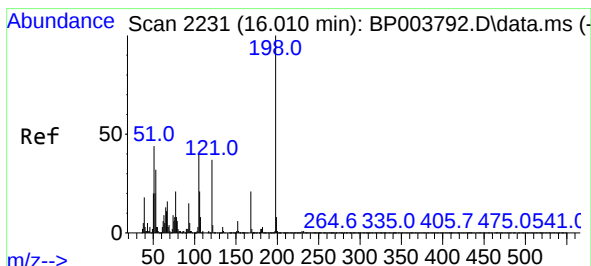
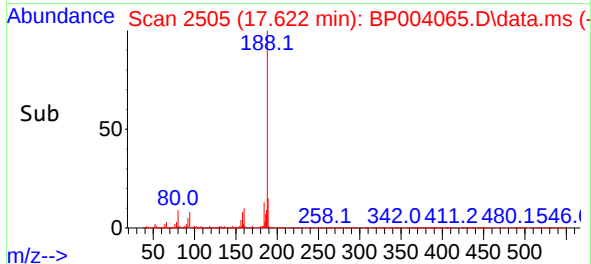
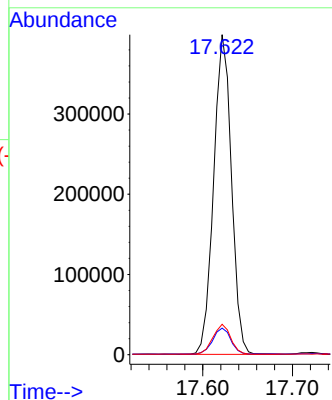
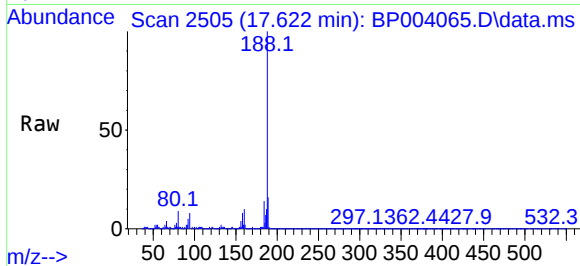




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

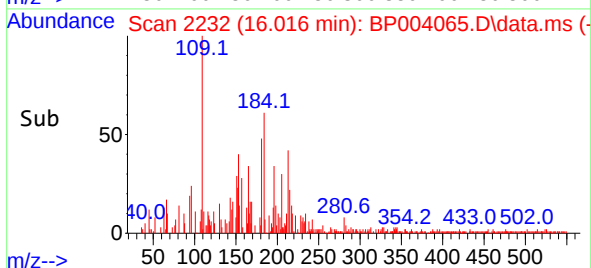
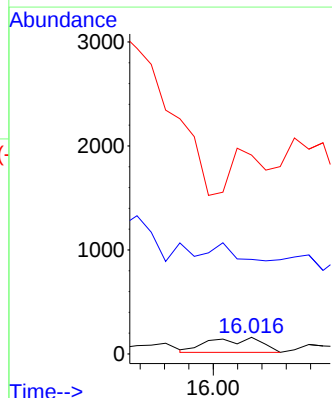
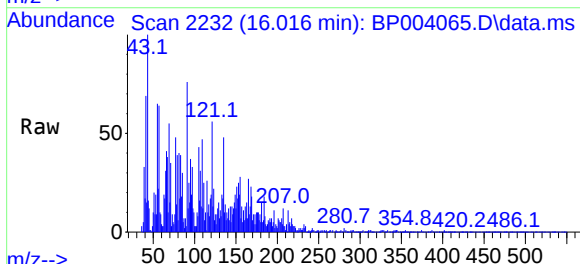
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

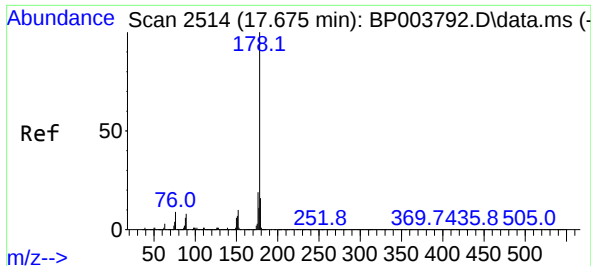
Tgt Ion:188 Resp: 548512
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 9.5 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.40 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:198 Resp: 207
Ion Ratio Lower Upper
198 100
51 568.8 6.4 46.4#
105 1195.0 18.9 58.9#

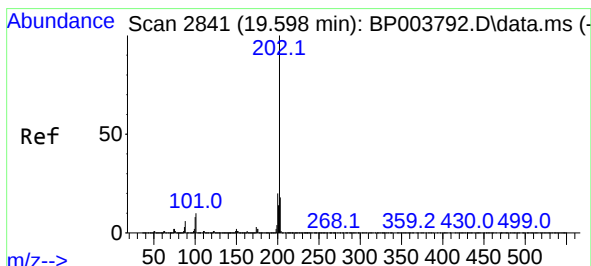
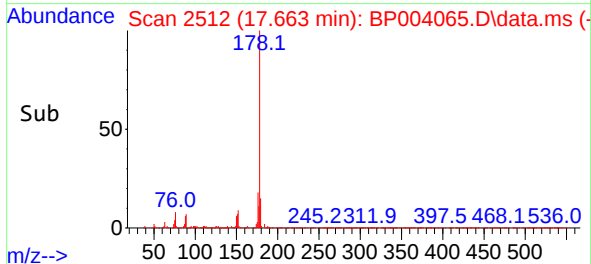
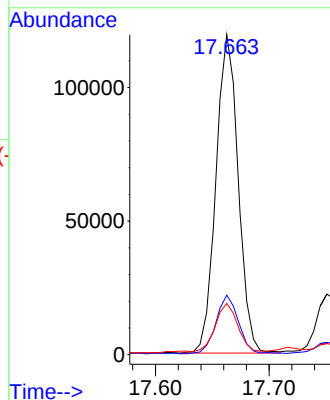
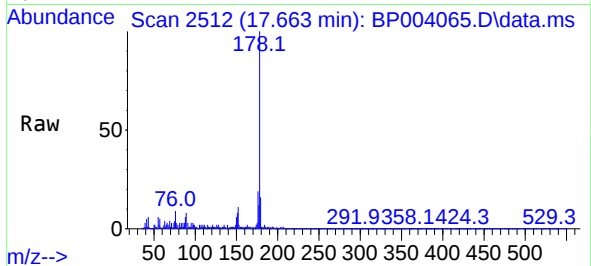




#71
Phenanthrene
Concen: 5.28 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

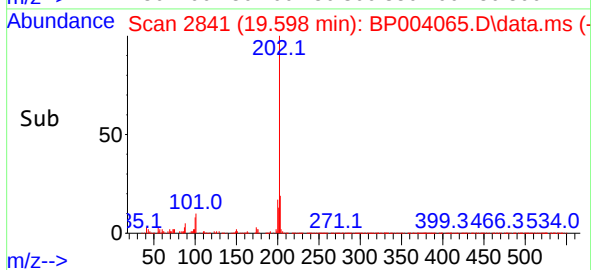
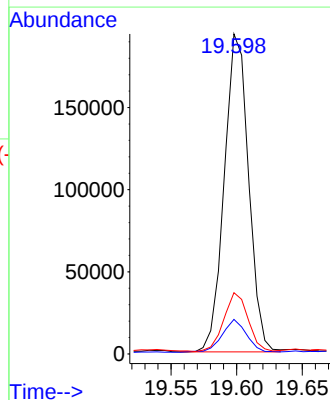
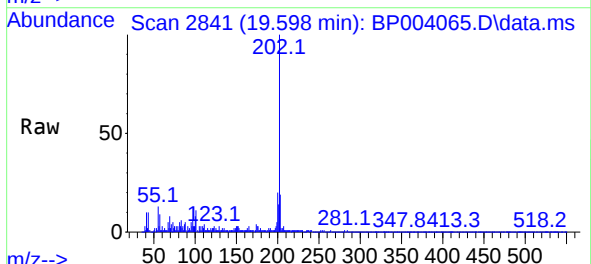
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

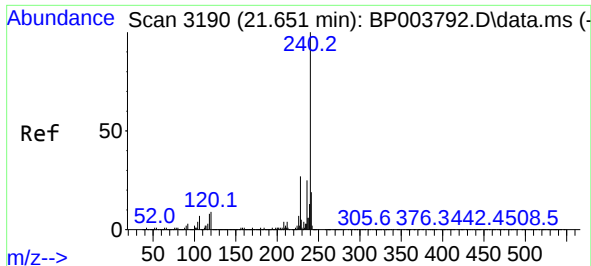
Tgt Ion:178 Resp: 162611
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 16.0 12.5 18.7



#75
Fluoranthene
Concen: 7.03 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:202 Resp: 249574
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.4
203 19.2 0.0 37.8

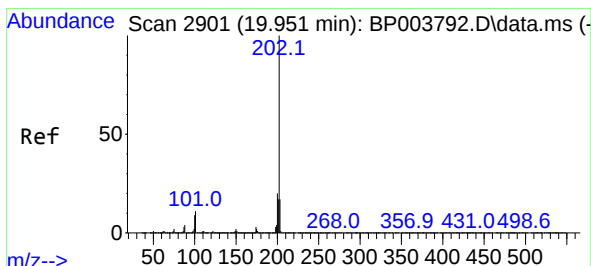
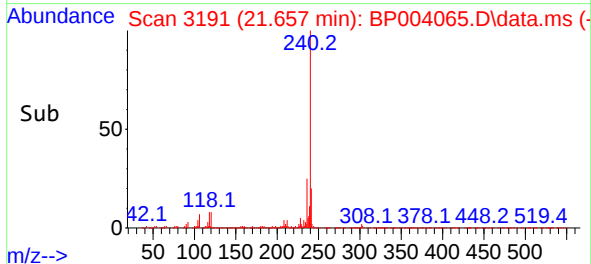
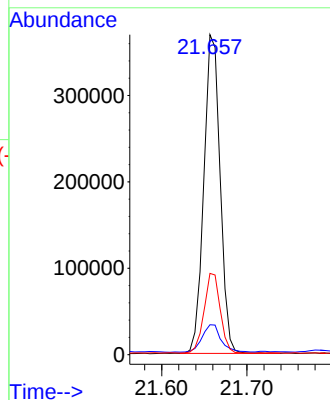
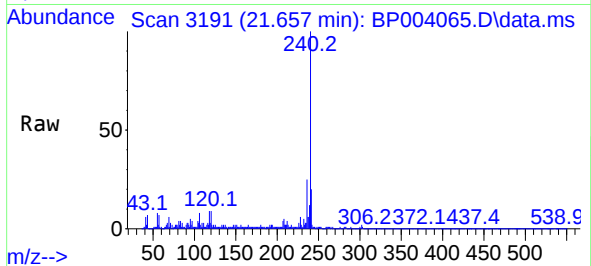




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

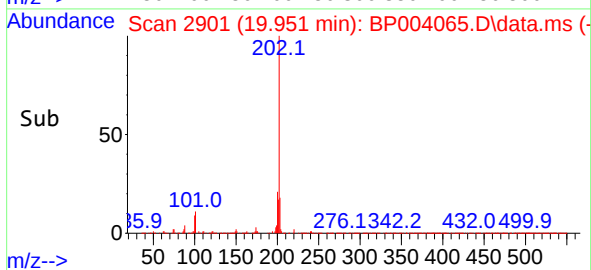
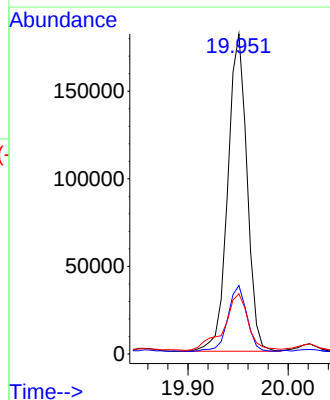
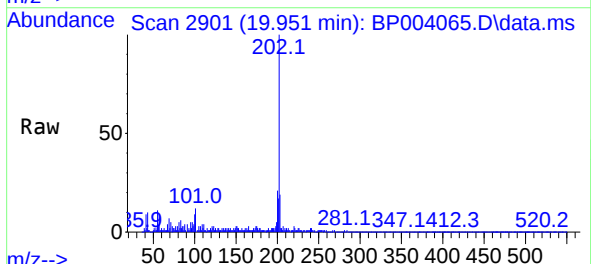
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

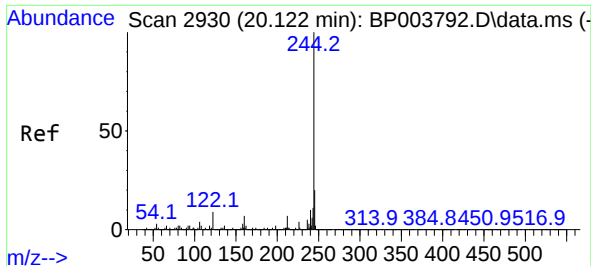
Tgt Ion:240 Resp: 490300
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.4 20.8 31.2



#78
Pyrene
Concen: 7.25 ng
RT: 19.951 min Scan# 2901
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:202 Resp: 241201
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.8 14.2 21.2



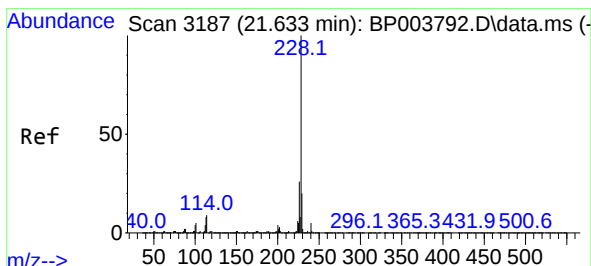
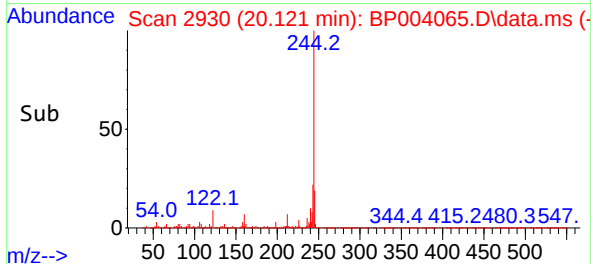
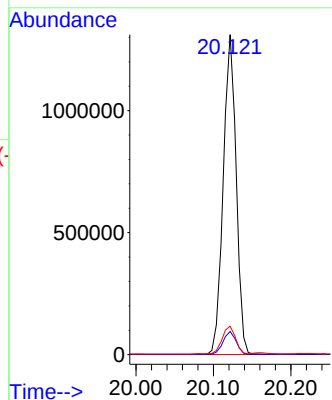
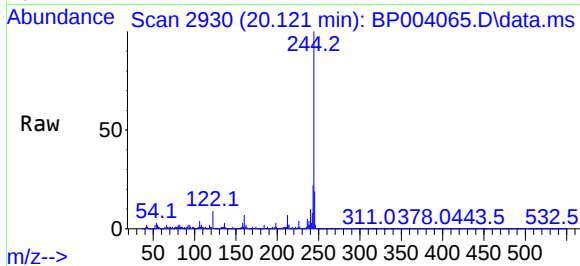


#79
 Terphenyl-d14
 Concen: 59.86 ng
 RT: 20.121 min Scan# 2930
 Delta R.T. 0.000 min
 Lab File: BP004065.D
 Acq: 23 Nov 2020 20:46

Instrument :
 BNA_P
 ClientSampleId :
 PHC-340EM-012

Tgt Ion:244 Resp: 1519088

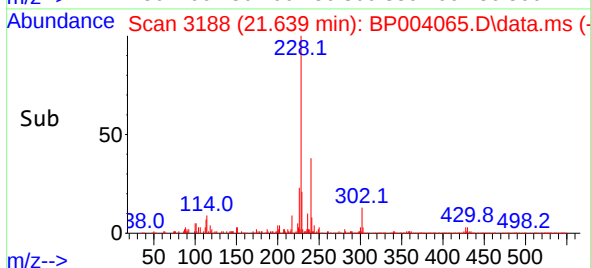
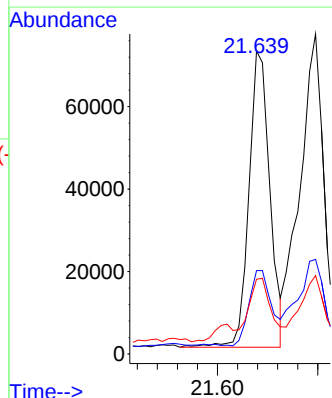
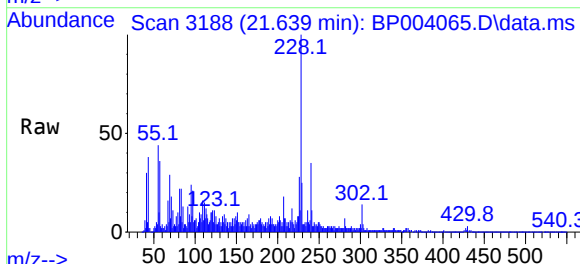
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	8.9	7.8	11.8

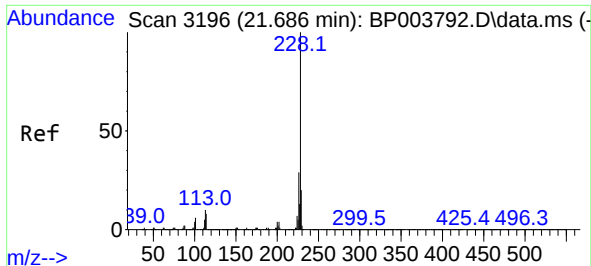


#81
 Benzo(a)anthracene
 Concen: 3.22 ng
 RT: 21.639 min Scan# 3188
 Delta R.T. -0.006 min
 Lab File: BP004065.D
 Acq: 23 Nov 2020 20:46

Tgt Ion:228 Resp: 103959

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	24.6	15.9	23.9

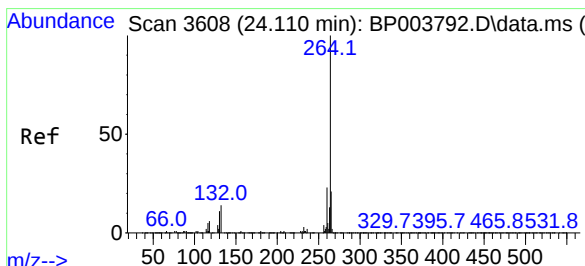
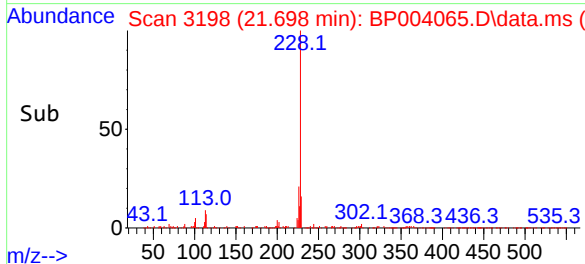
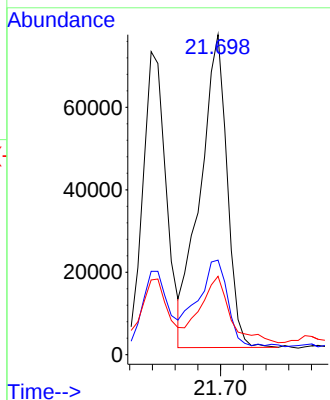
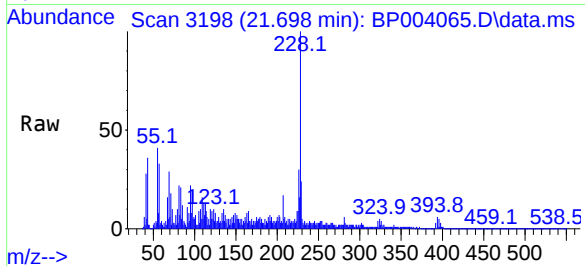




#83
Chrysene
Concen: 4.02 ng
RT: 21.698 min Scan# 3198
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

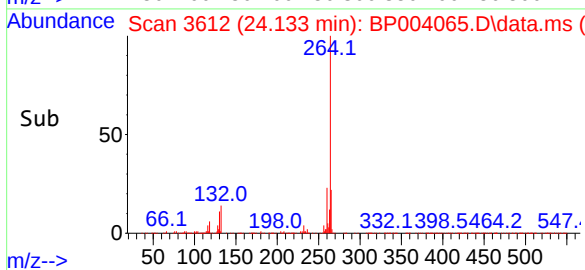
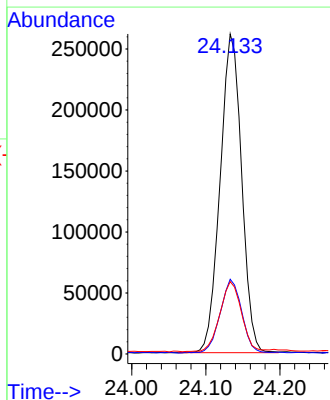
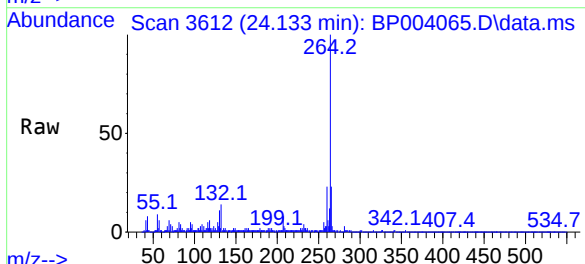
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

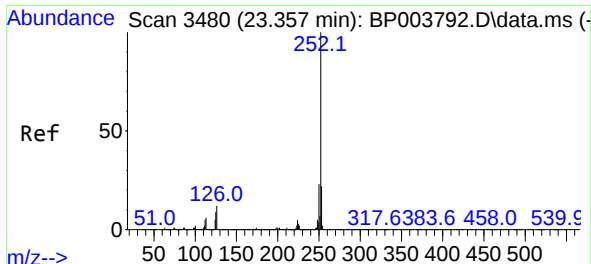
Tgt Ion:	228	Resp:	124961
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	24.5	15.8	23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. 0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:	264	Resp:	527017
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.6	17.4	26.2

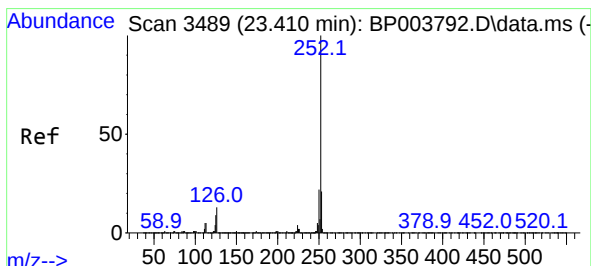
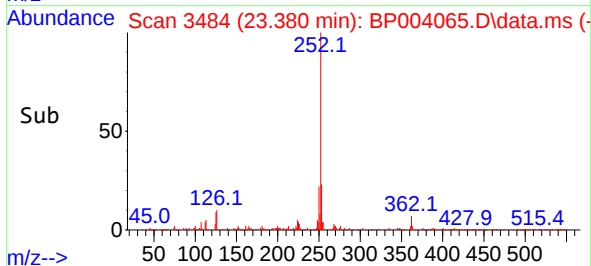
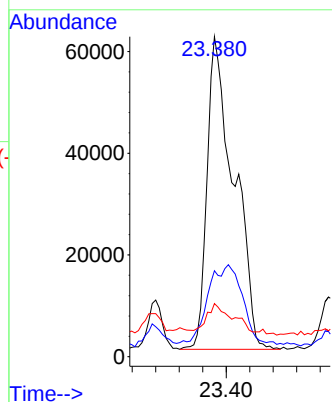
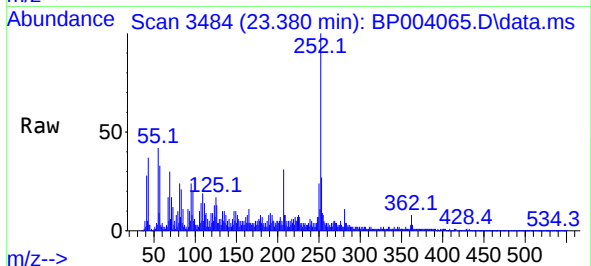




#88
Benzo(b)fluoranthene
Concen: 5.65 ng
RT: 23.380 min Scan# 3484
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

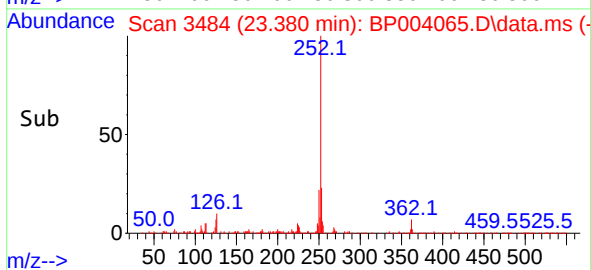
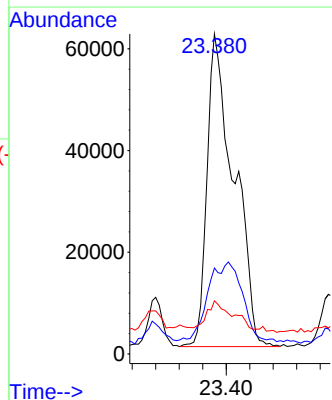
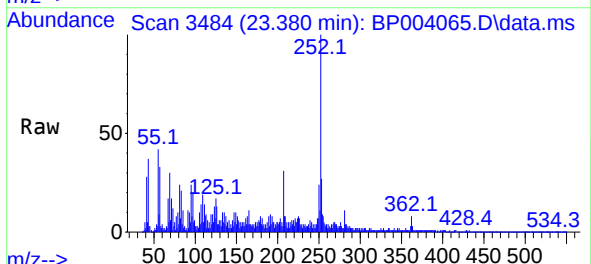
Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

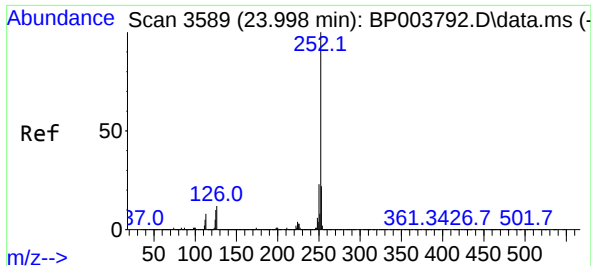
Tgt Ion:	252	Resp:	195017
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.6	26.4#
125	16.6	7.3	10.9#



#89
Benzo(k)fluoranthene
Concen: 5.73 ng
RT: 23.380 min Scan# 3484
Delta R.T. -0.047 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:	252	Resp:	195017
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.8	26.8#
125	16.6	7.4	11.2#

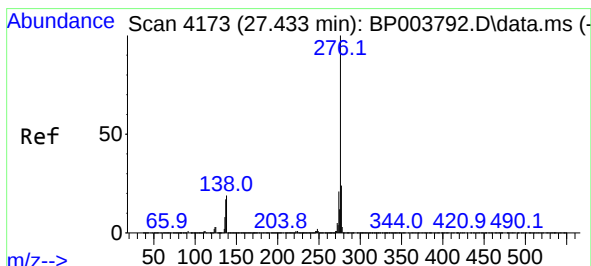
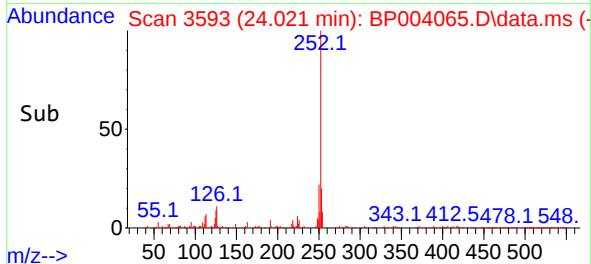
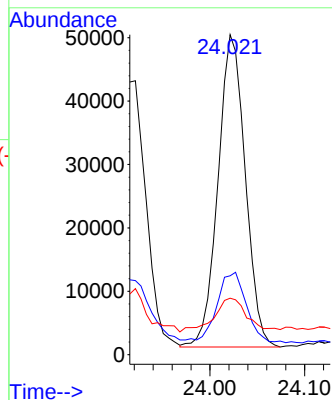
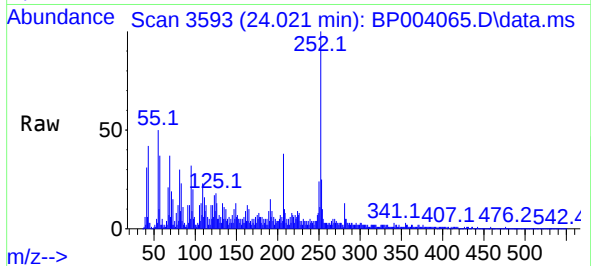




#90
Benzo(a)pyrene
Concen: 3.09 ng
RT: 24.021 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Instrument :
BNA_P
ClientSampleId :
PHC-340EM-012

Tgt Ion:252	Resp:	98655
Ion Ratio	Lower	Upper
252	100	
253	24.7	17.4 26.0
125	17.7	8.2 12.4#



#92
Benzo(g,h,i)perylene
Concen: 2.59 ng
RT: 27.474 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BP004065.D
Acq: 23 Nov 2020 20:46

Tgt Ion:276	Resp:	79337
Ion Ratio	Lower	Upper
276	100	
277	27.5	19.0 28.6
138	19.6	16.6 24.8

