

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
 Data File : BP003948.D
 Acq On : 12 Nov 2020 20:32
 Operator : CG/JU
 Sample : L4702-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 M-99(0-10)

Quant Time: Nov 13 00:17:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

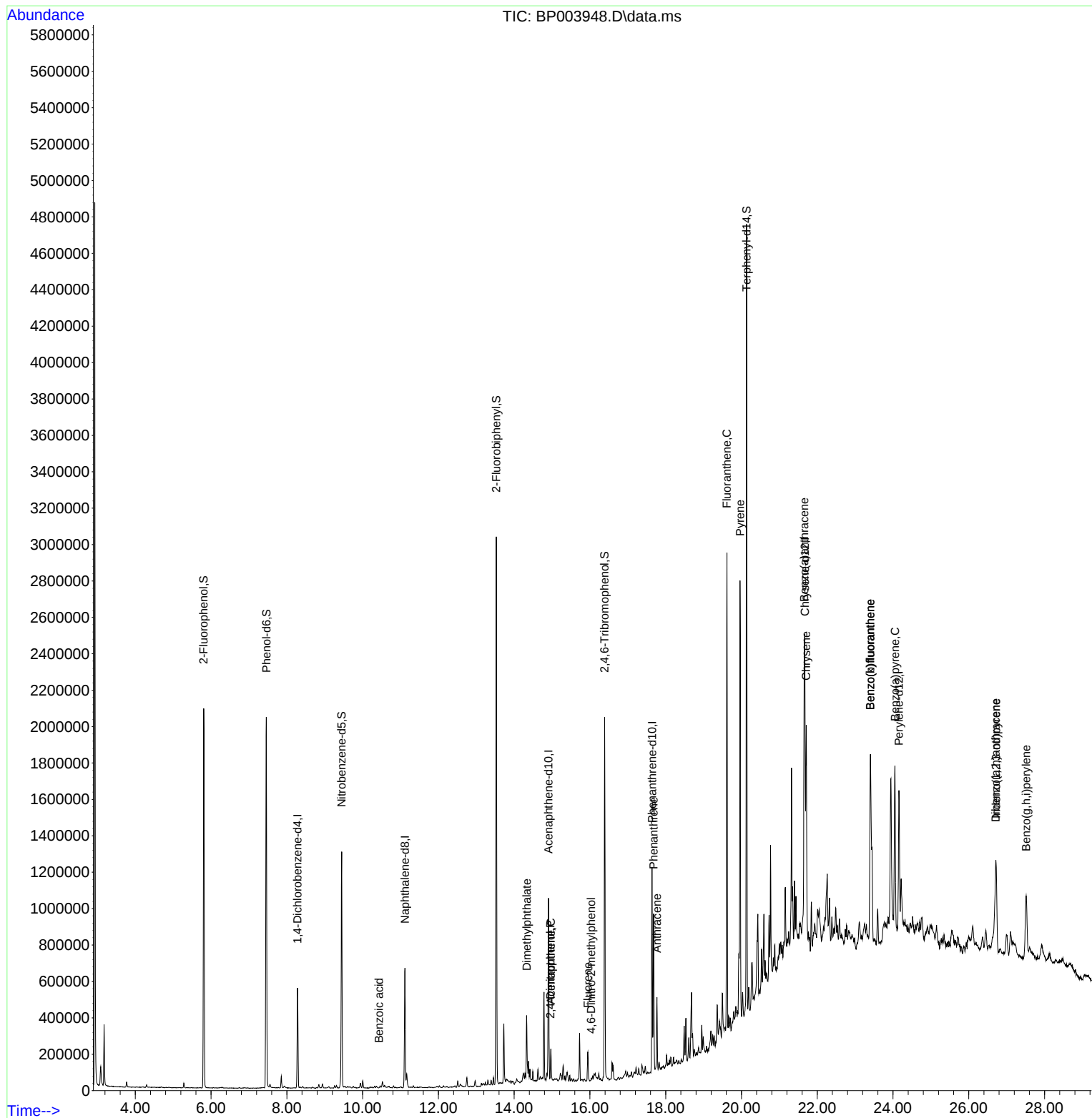
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	139430	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	528006	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	326985	20.00	ng	0.00
64) Phenanthrene-d10	17.640	188	651597	20.00	ng	# 0.00
76) Chrysene-d12	21.675	240	557082	20.00	ng	0.00
86) Perylene-d12	24.157	264	607935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	833645	99.79	ng	0.00
7) Phenol-d6	7.458	99	1096712	91.45	ng	0.00
23) Nitrobenzene-d5	9.446	82	705920	65.48	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	377480	92.30	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1490946	63.75	ng	0.00
79) Terphenyl-d14	20.133	244	1718659	59.60	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.381	77	1235	Below Cal	#	60
32) Benzoic acid	10.434	122	93	8.32	ng	# 1
50) Dimethylphthalate	14.328	163	220914	8.64	ng	99
52) Acenaphthene	14.969	154	61283	3.01	ng	97
54) 2,4-Dinitrophenol	14.957	184	52	2.76	ng	# 1
58) Fluorene	15.945	166	73489	3.03	ng	98
65) 4,6-Dinitro-2-methylph...	16.034	198	41	6.35	ng	# 1
71) Phenanthrene	17.681	178	517180	14.14	ng	99
72) Anthracene	17.769	178	240151	6.80	ng	99
75) Fluoranthene	19.616	202	1497912	35.50	ng	99
78) Pyrene	19.963	202	1427956	37.77	ng	99
81) Benzo(a)anthracene	21.657	228	699399	19.04	ng	97
83) Chrysene	21.710	228	704505	19.96	ng	98
87) Indeno(1,2,3-cd)pyrene	26.721	276	469864	10.71	ng	95
88) Benzo(b)fluoranthene	23.404	252	1303658	32.77	ng	98
89) Benzo(k)fluoranthene	23.404	252	1303658	33.19	ng	98
90) Benzo(a)pyrene	24.051	252	721709	19.60	ng	99
91) Dibenzo(a,h)anthracene	26.710	278	135527	3.71	ng	# 90
92) Benzo(g,h,i)perylene	27.515	276	477722	13.50	ng	99

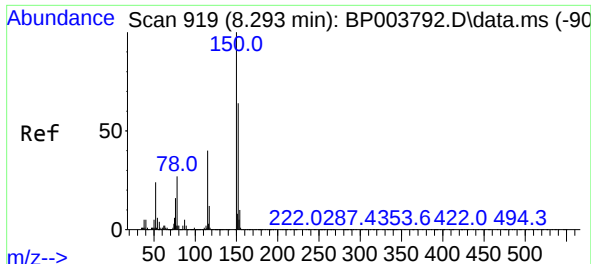
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003948.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
M-99(0-10)

Quant Time: Nov 13 00:17:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

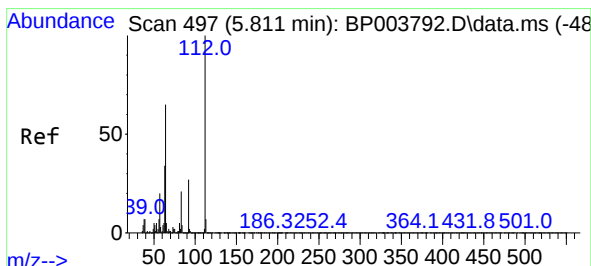
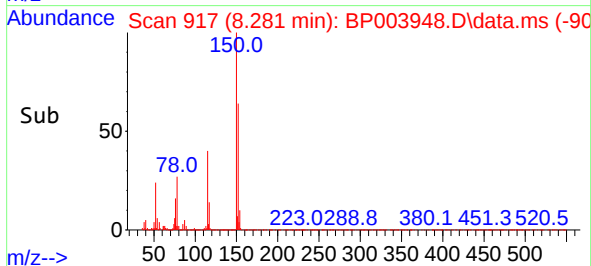
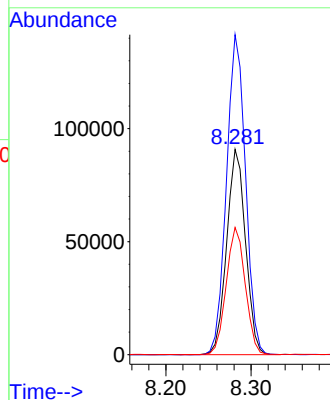
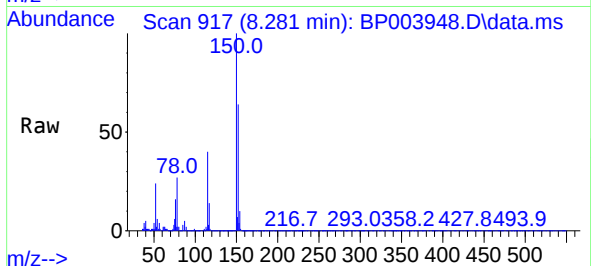




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

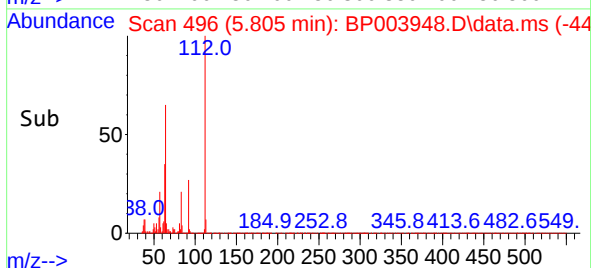
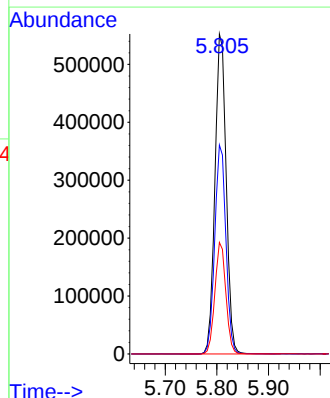
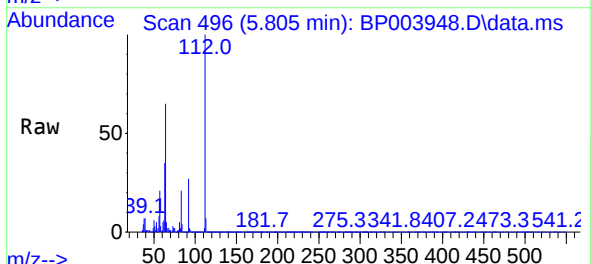
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

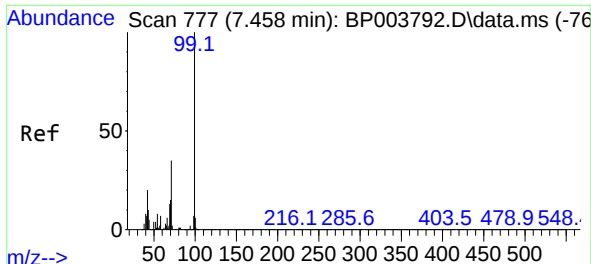
Tgt Ion:152 Resp: 139430
Ion Ratio Lower Upper
152 100
150 155.9 123.8 185.6
115 61.9 43.8 65.6



#5
2-Fluorophenol
Concen: 99.79 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:112 Resp: 833645
Ion Ratio Lower Upper
112 100
64 65.3 32.8 49.2#
63 34.9 17.0 25.4#

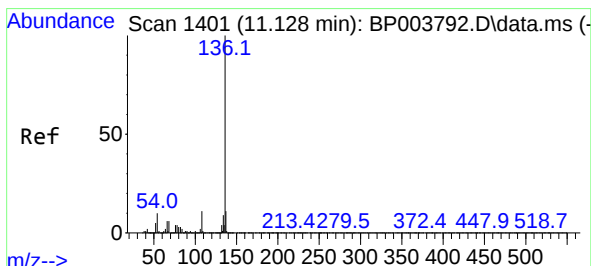
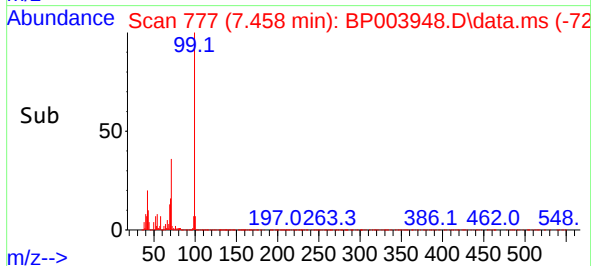
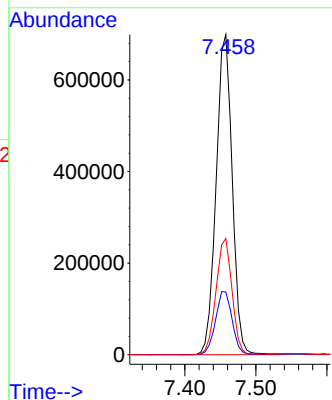
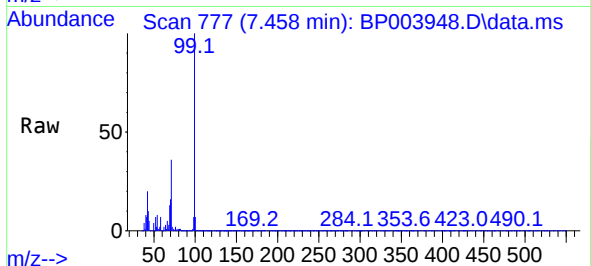




#7
Phenol-d6
Concen: 91.45 ng
RT: 7.458 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

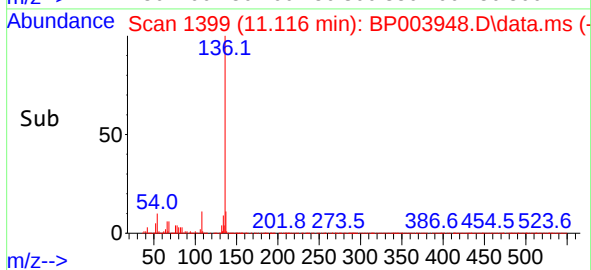
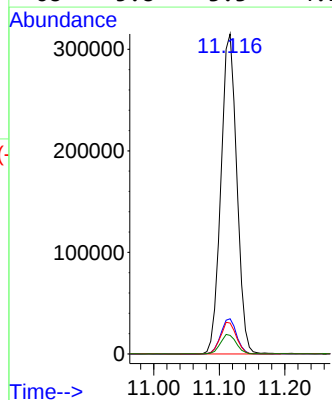
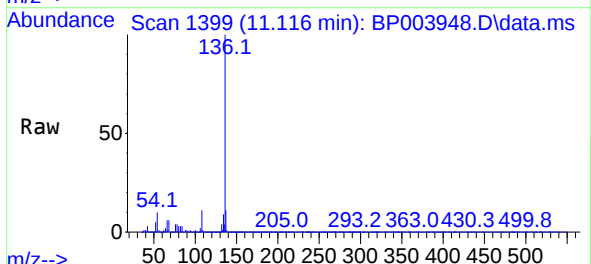
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

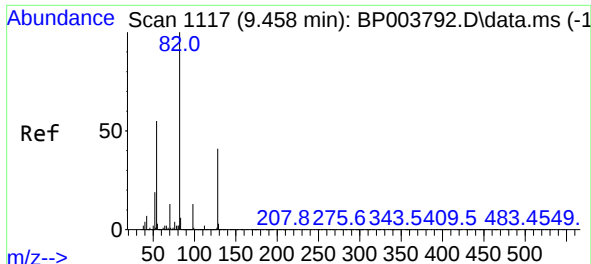
Tgt Ion: 99 Resp: 1096712
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 36.3 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.116 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion: 136 Resp: 528006
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 3.6 5.4#
68 5.8 3.3 4.9#

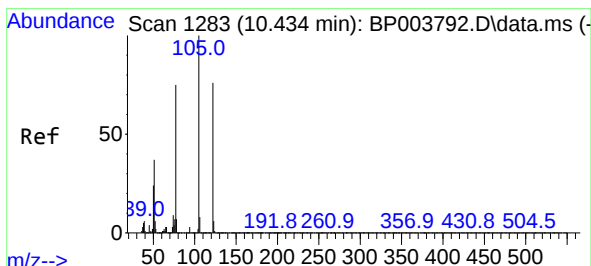
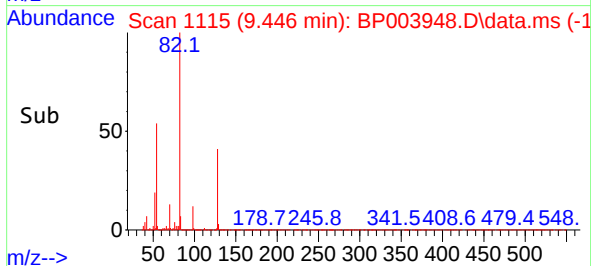
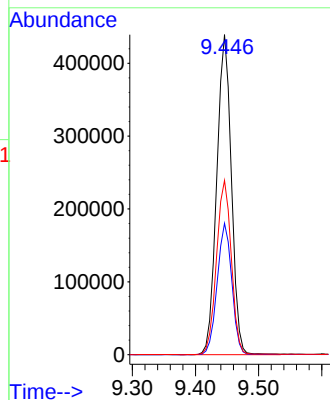
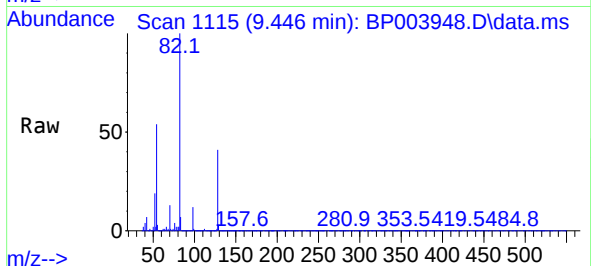




#23
Nitrobenzene-d5
Concen: 65.48 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

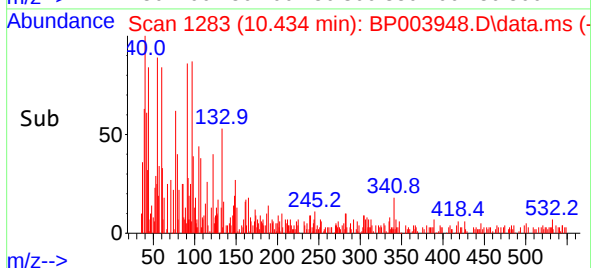
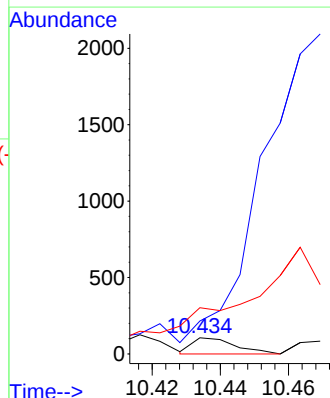
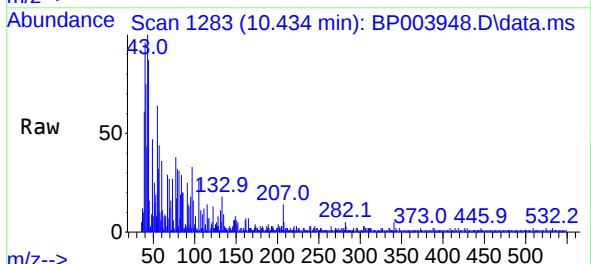
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

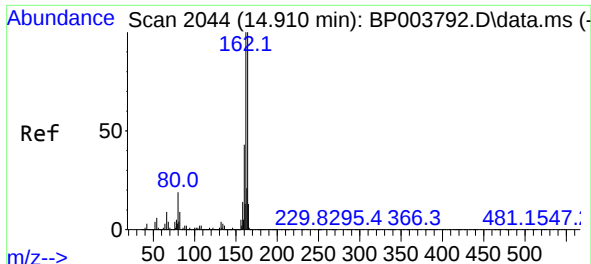
Tgt Ion: 82 Resp: 705920
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 54.4 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.434 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion: 122 Resp: 93
Ion Ratio Lower Upper
122 100
105 203.8 94.1 134.1#
77 284.9 50.1 90.1#

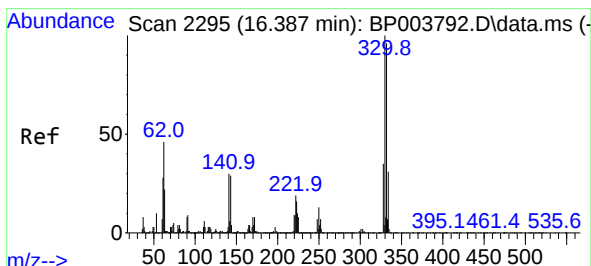
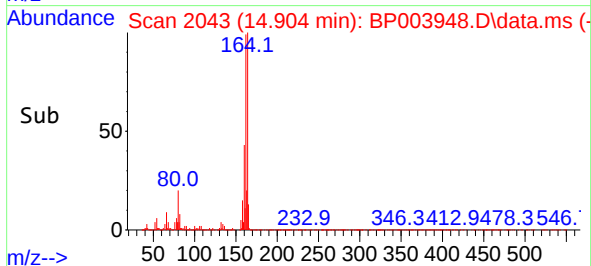
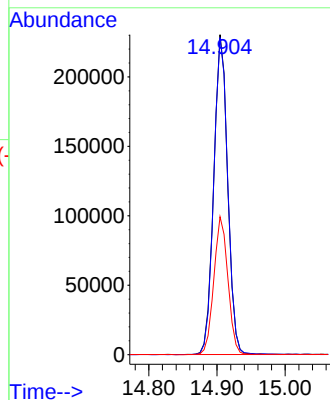
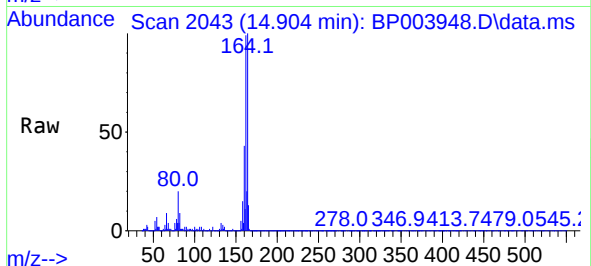




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

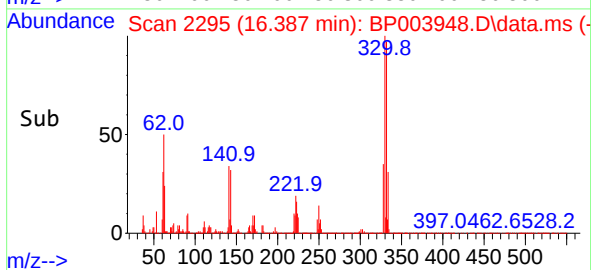
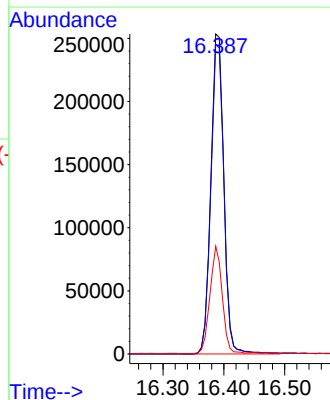
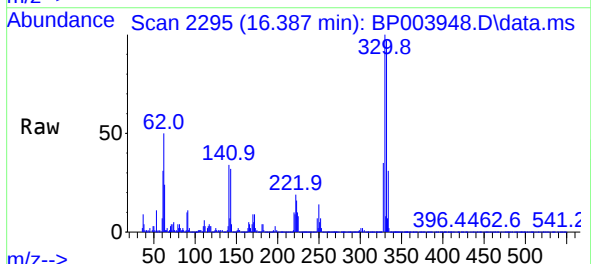
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

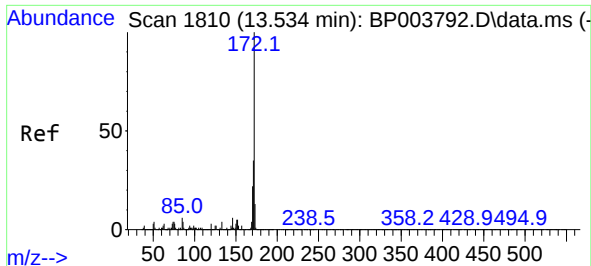
Tgt Ion:164 Resp: 326985
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.2
160 43.1 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 92.30 ng
RT: 16.387 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:330 Resp: 377480
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.6 23.4 35.2

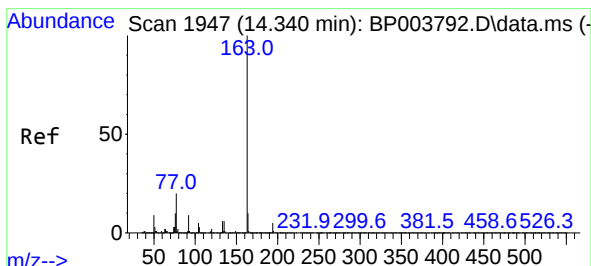
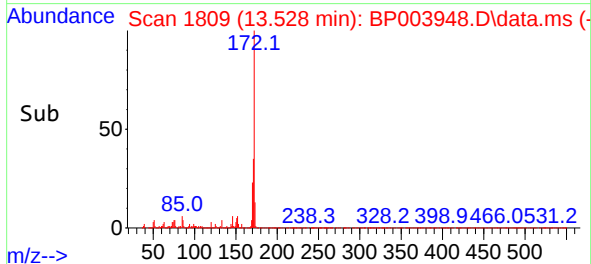
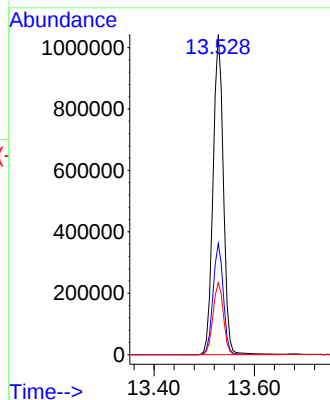
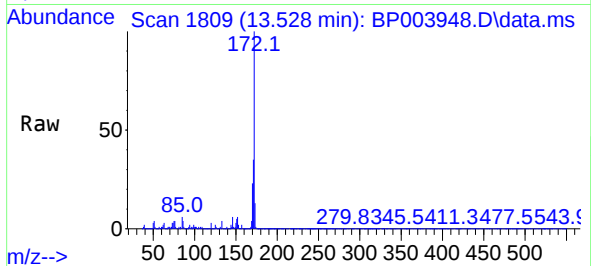




#45
2-Fluorobiphenyl
Concen: 63.75 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

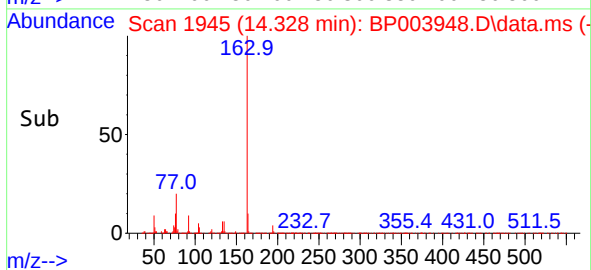
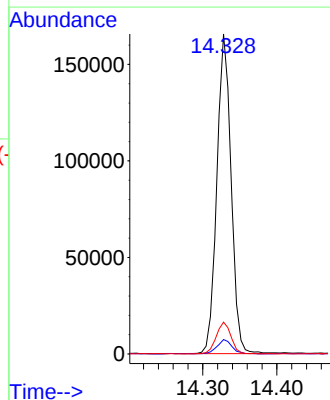
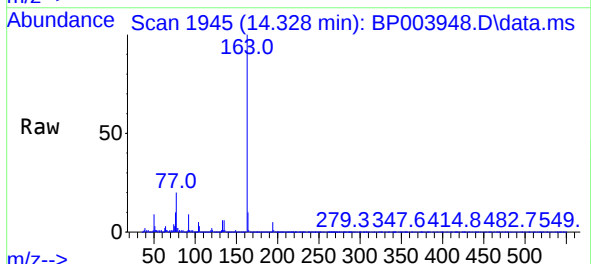
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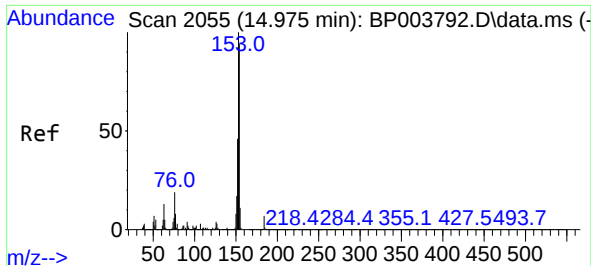
Tgt Ion:172 Resp: 1490946
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.5 19.2 28.8



#50
Dimethylphthalate
Concen: 8.64 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:163 Resp: 220914
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 9.9 8.2 12.2

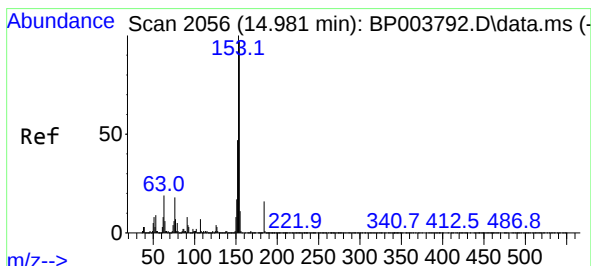
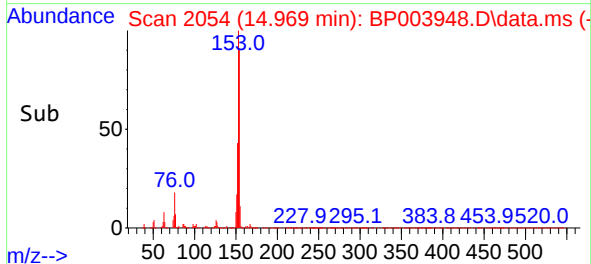
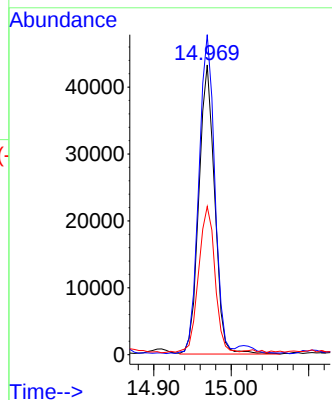
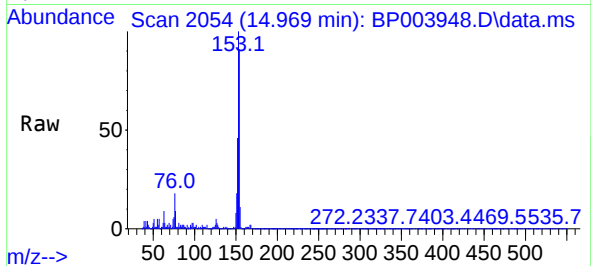




#52
Acenaphthene
Concen: 3.01 ng
RT: 14.969 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

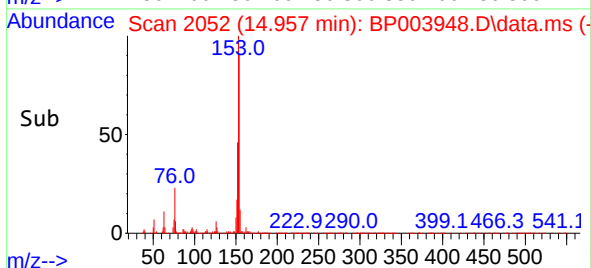
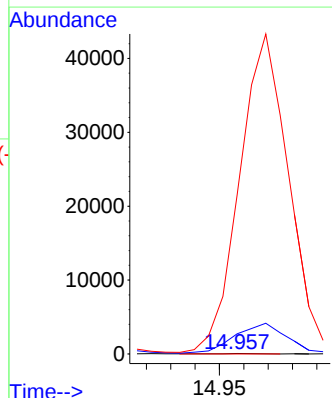
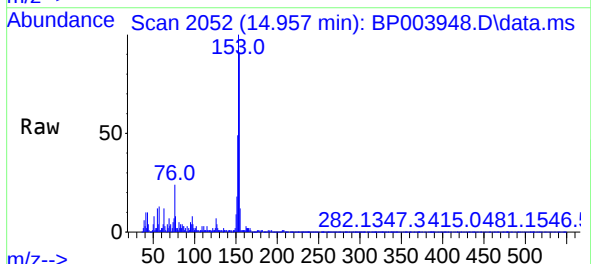
Instrument :
BNA_P
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M-99(0-10)

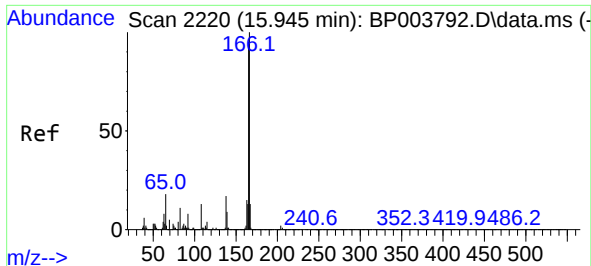
Tgt Ion:154 Resp: 61283
Ion Ratio Lower Upper
154 100
153 110.5 91.0 136.6
152 51.1 43.0 64.6



#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 14.957 min Scan# 2052
Delta R.T. -0.041 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:184 Resp: 52
Ion Ratio Lower Upper
184 100
63 3370.4 32.3 48.5#
154 26607.4 49.1 73.7#

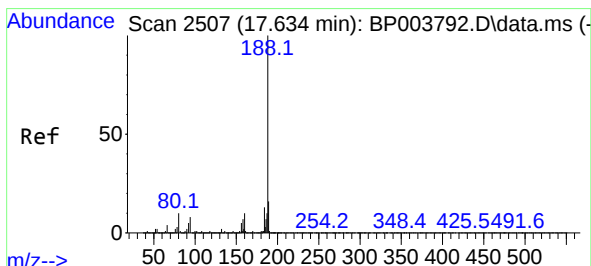
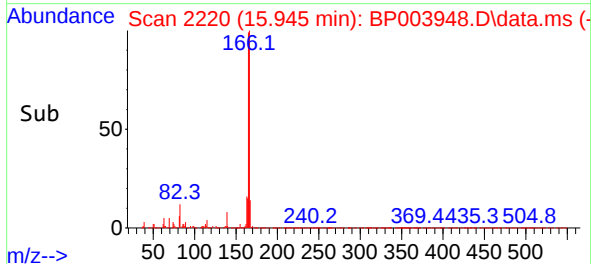
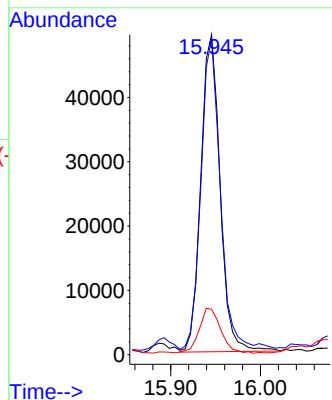
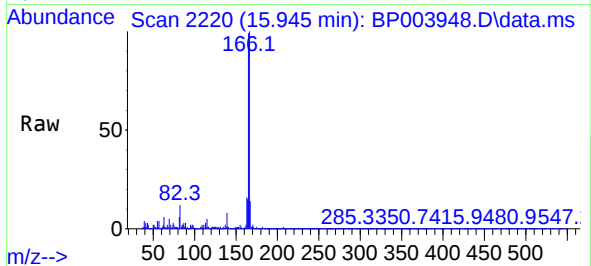




#58
Fluorene
Concen: 3.03 ng
RT: 15.945 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

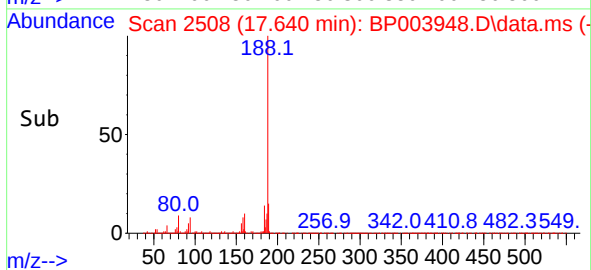
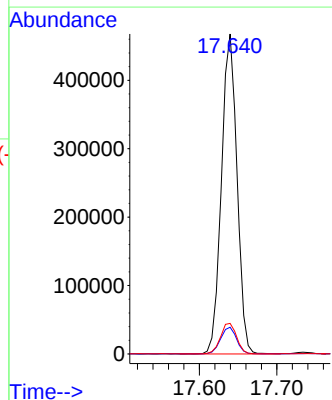
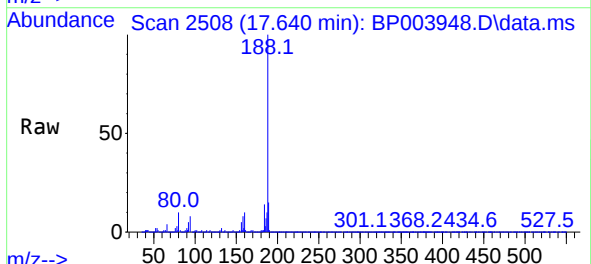
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

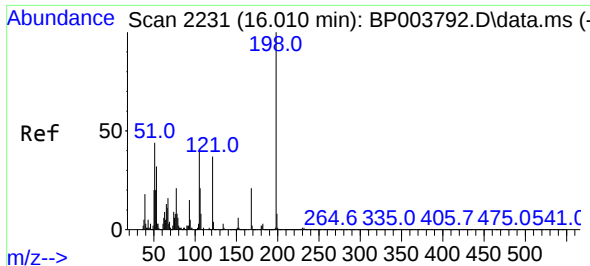
Tgt Ion:166 Resp: 73489
Ion Ratio Lower Upper
166 100
165 98.8 77.8 116.8
167 14.2 11.0 16.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.640 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:188 Resp: 651597
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 9.5 6.2 9.2#

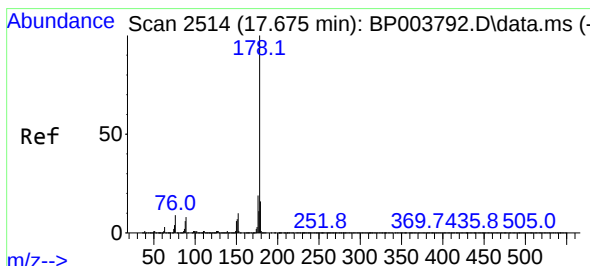
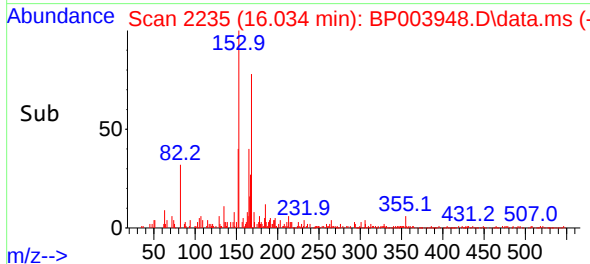
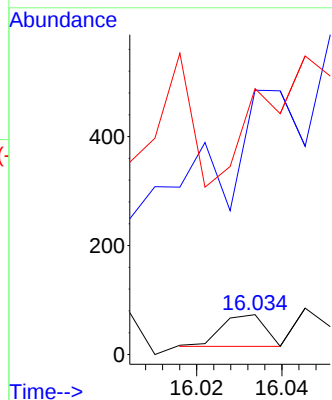
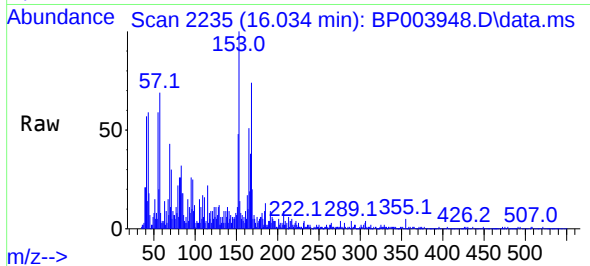




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.034 min Scan# 2235
Delta R.T. 0.012 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

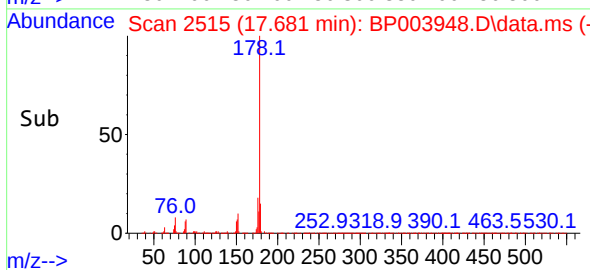
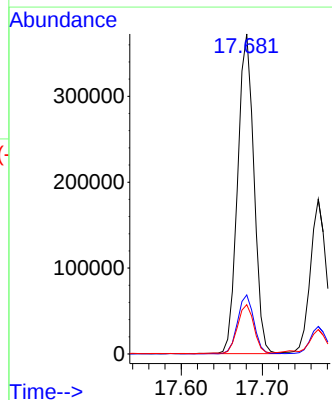
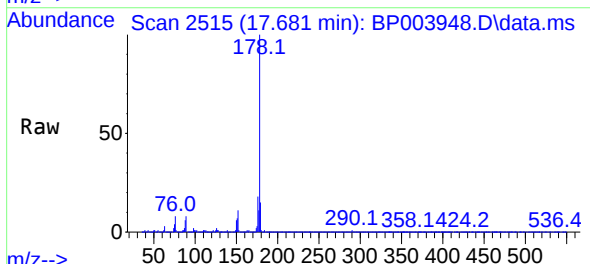
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

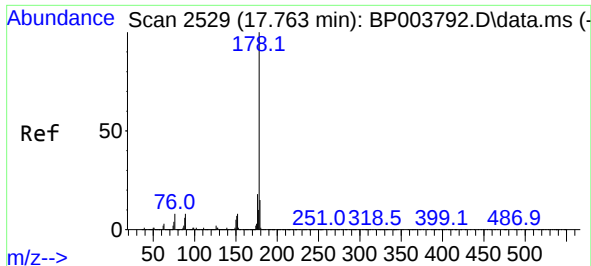
Tgt Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
51 664.4 6.4 46.4#
105 668.5 18.9 58.9#



#71
Phenanthrene
Concen: 14.14 ng
RT: 17.681 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:178 Resp: 517180
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.4 12.5 18.7

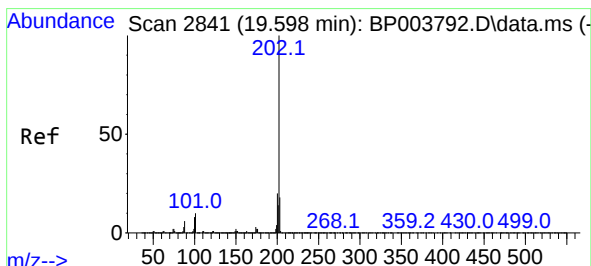
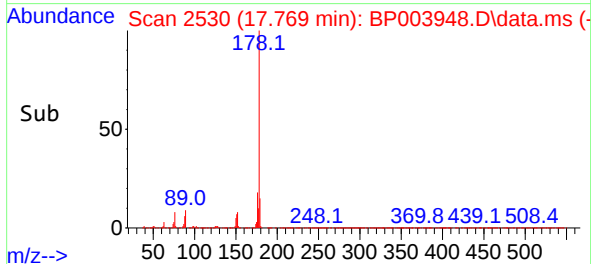
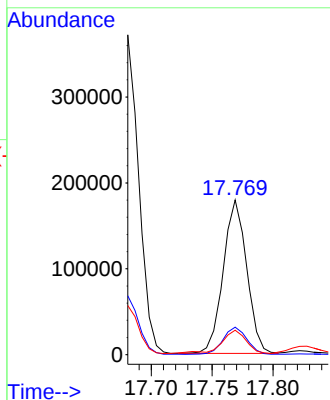
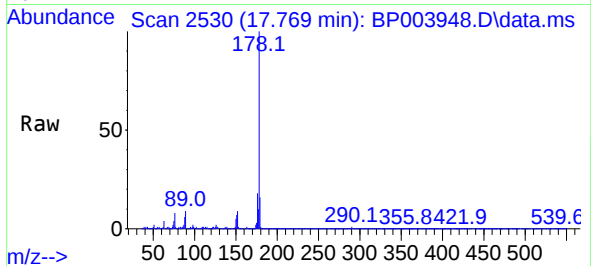




#72
Anthracene
Concen: 6.80 ng
RT: 17.769 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

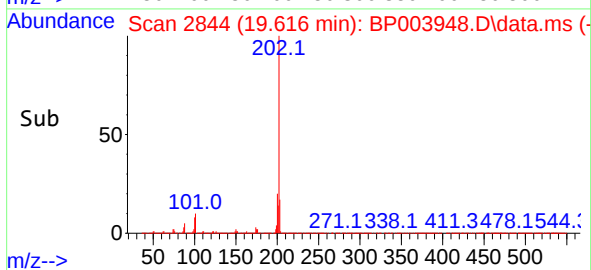
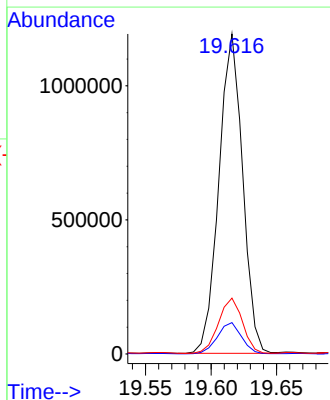
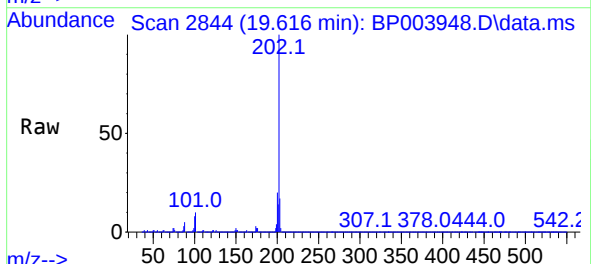
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

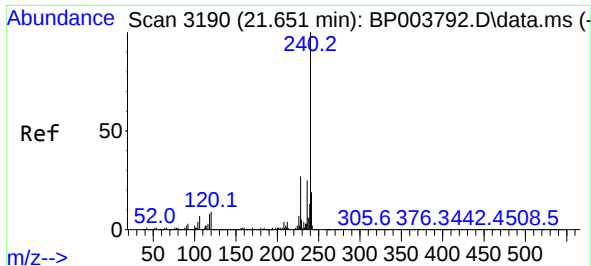
Tgt Ion:178 Resp: 240151
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 15.9 12.5 18.7



#75
Fluoranthene
Concen: 35.50 ng
RT: 19.616 min Scan# 2844
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:202 Resp: 1497912
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.4
203 17.5 0.0 37.8

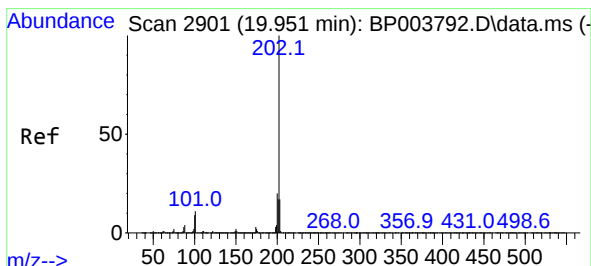
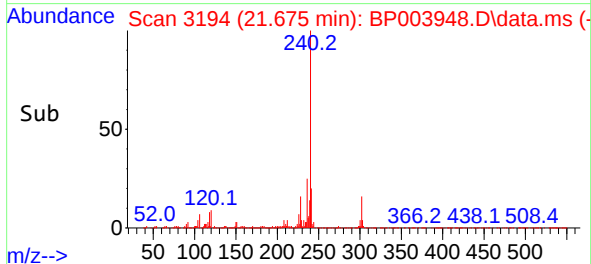
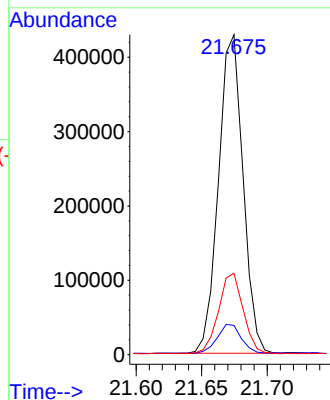
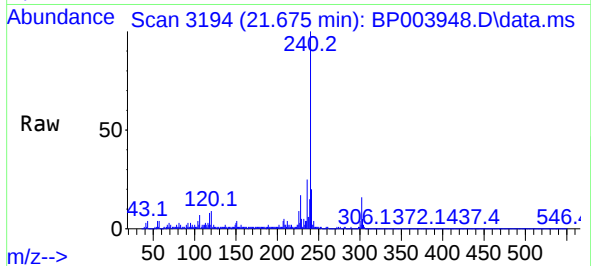




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.675 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

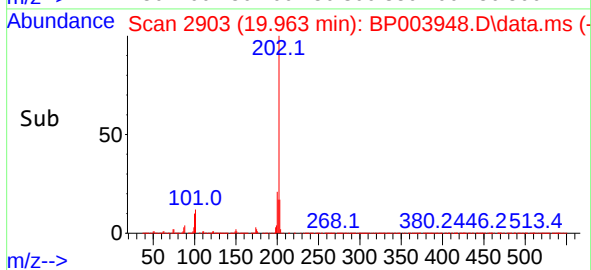
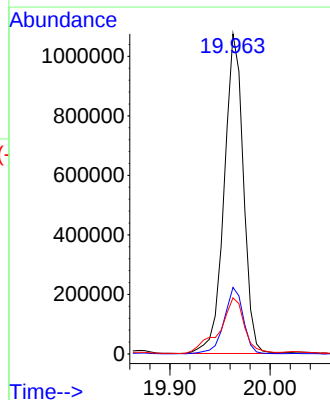
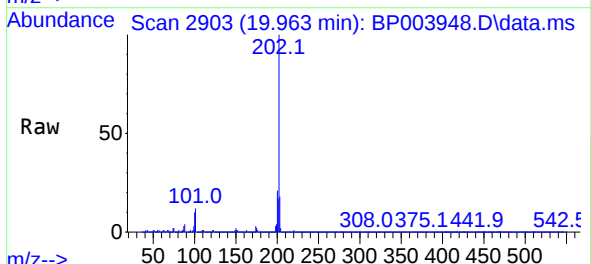
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

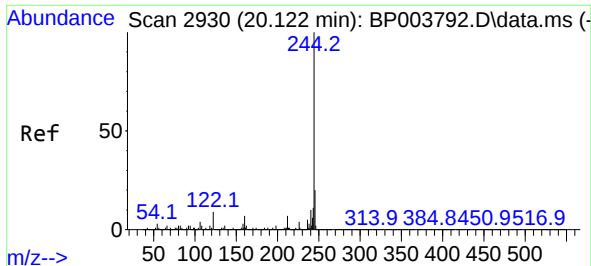
Tgt Ion:240 Resp: 557082
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.5 20.8 31.2



#78
Pyrene
Concen: 37.77 ng
RT: 19.963 min Scan# 2903
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:202 Resp: 1427956
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.6 14.2 21.2

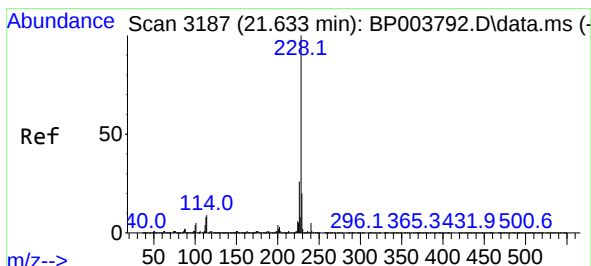
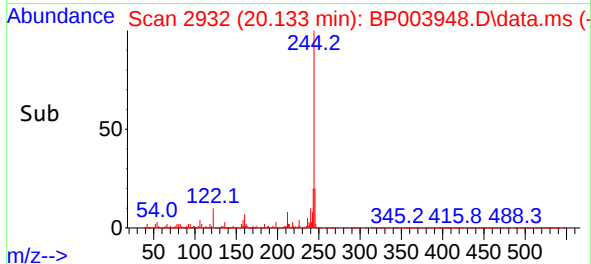
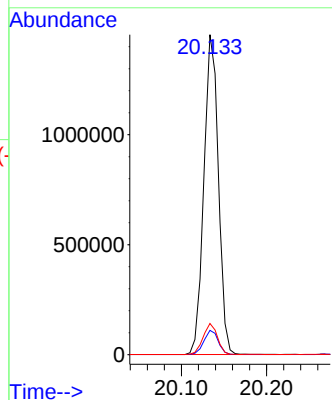
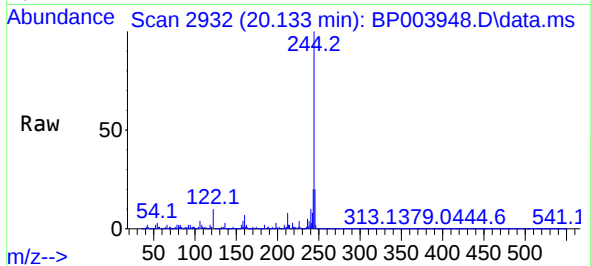




#79
Terphenyl-d14
Concen: 59.60 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

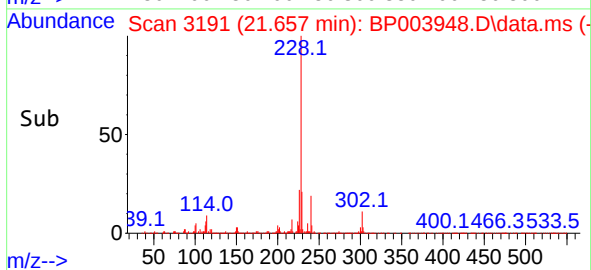
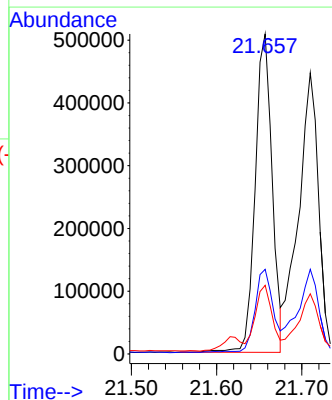
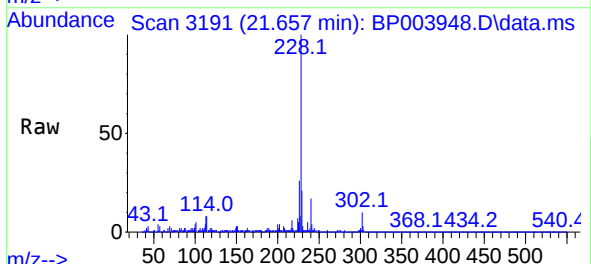
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

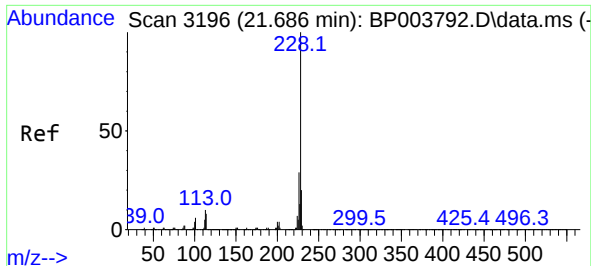
Tgt Ion:244 Resp: 1718659
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 9.8 7.8 11.8



#81
Benzo(a)anthracene
Concen: 19.04 ng
RT: 21.657 min Scan# 3191
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:228 Resp: 699399
Ion Ratio Lower Upper
228 100
226 26.4 22.1 33.1
229 21.5 15.9 23.9

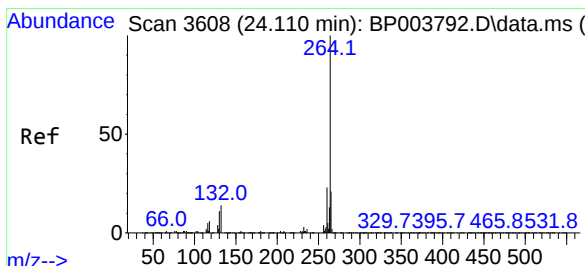
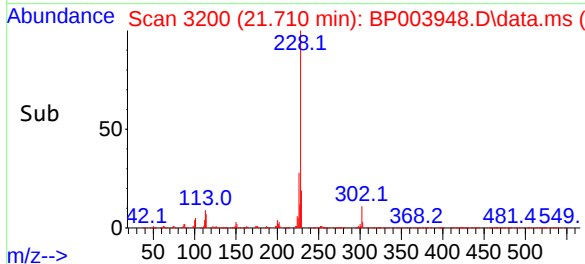
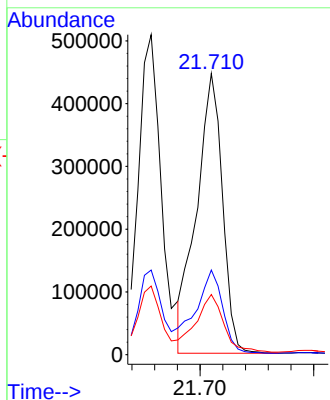
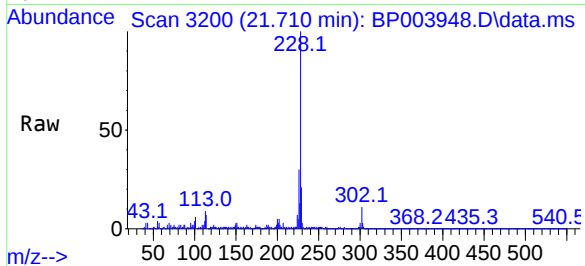




#83
Chrysene
Concen: 19.96 ng
RT: 21.710 min Scan# 3200
Delta R.T. -0.006 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

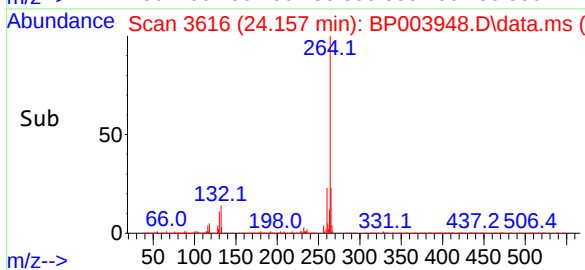
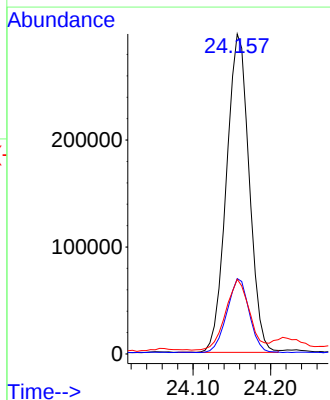
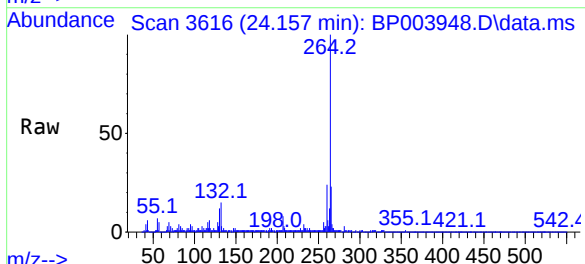
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

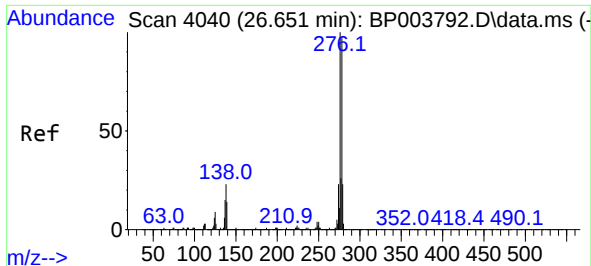
Tgt Ion:228	Resp:	704505
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.4 36.6
229	21.4	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.157 min Scan# 3616
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:264	Resp:	607935
Ion Ratio	Lower	Upper
264	100	
260	23.6	18.8 28.2
265	23.4	17.4 26.2

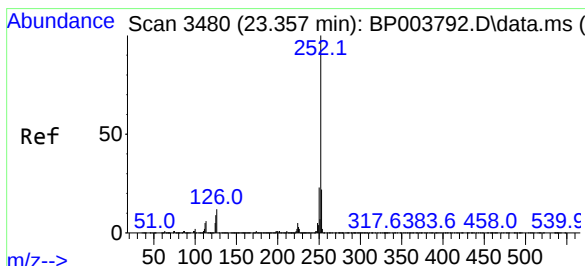
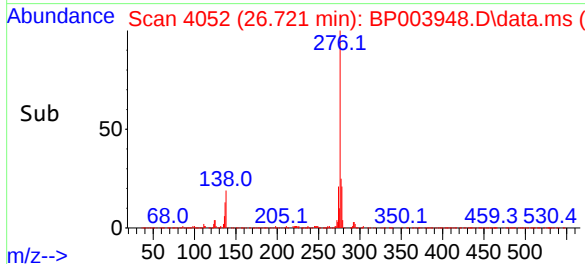
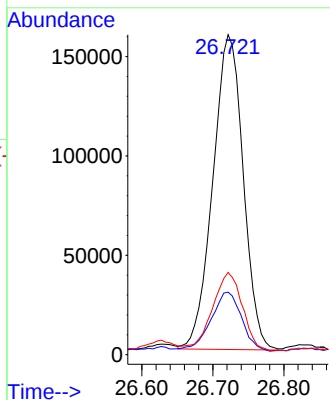
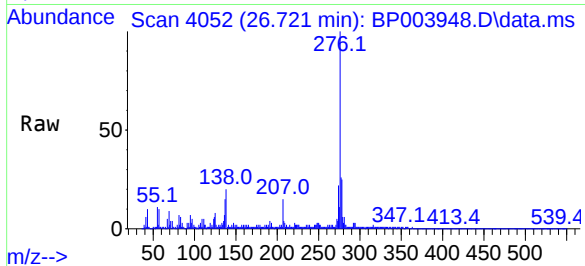




#87
Indeno(1,2,3-cd)pyrene
Concen: 10.71 ng
RT: 26.721 min Scan# 4052
Delta R.T. -0.006 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

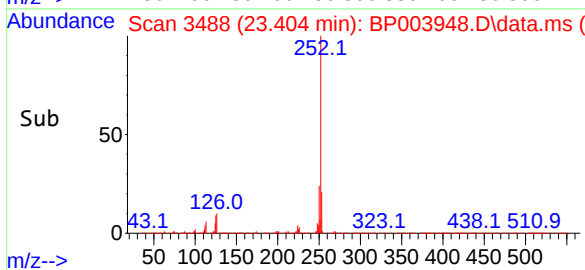
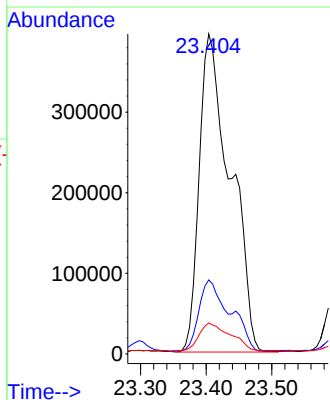
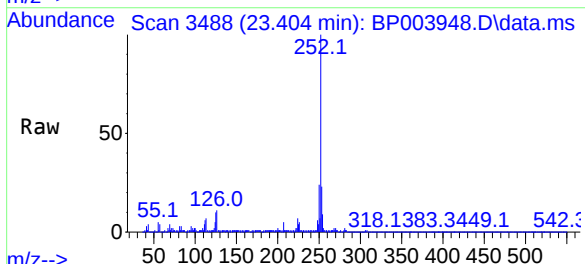
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

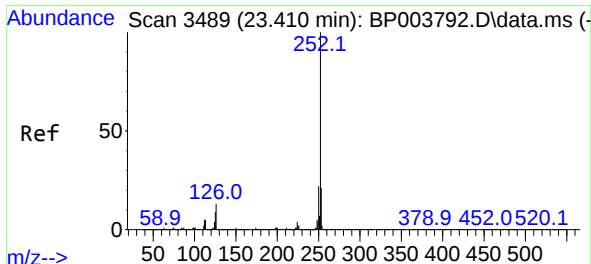
Tgt Ion:	276	Resp:	469864
Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.7	28.1
277	24.7	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 32.77 ng
RT: 23.404 min Scan# 3488
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:	252	Resp:	1303658
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	9.7	7.3	10.9

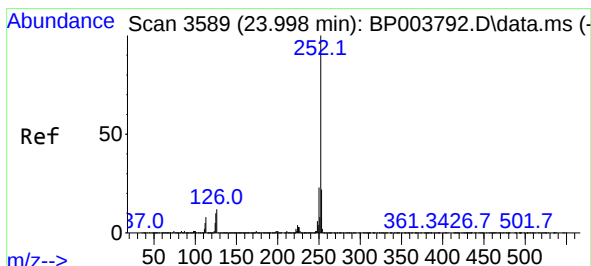
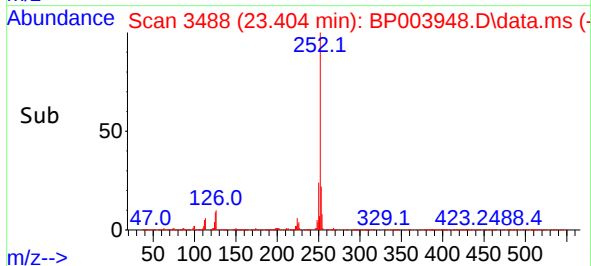
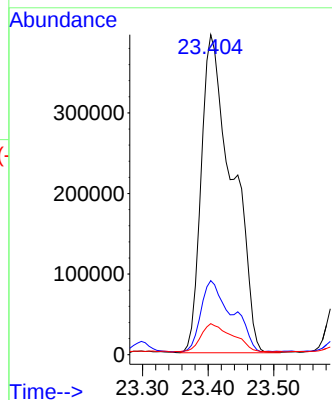
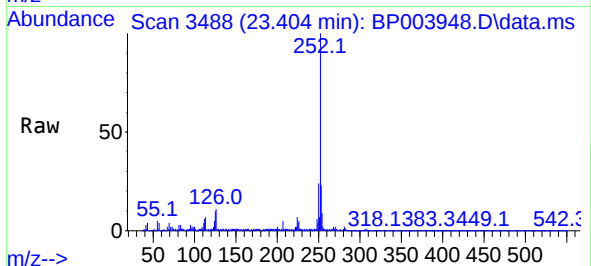




#89
Benzo(k)fluoranthene
Concen: 33.19 ng
RT: 23.404 min Scan# 3488
Delta R.T. -0.047 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

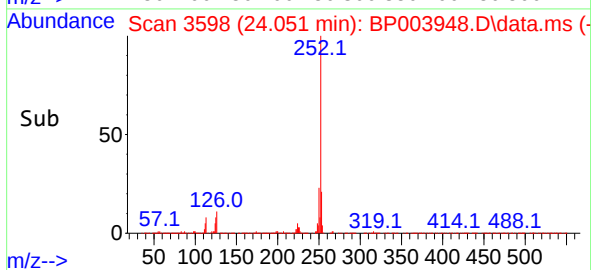
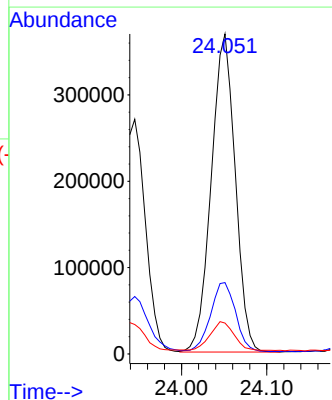
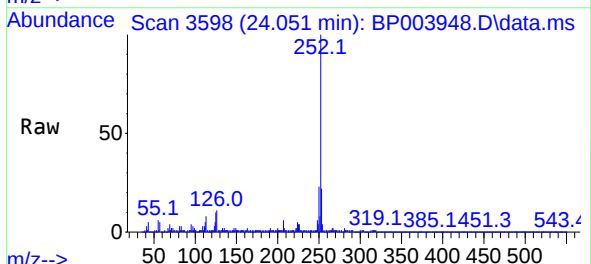
Instrument :
BNA_P
ClientSampleId :
M-99(0-10)

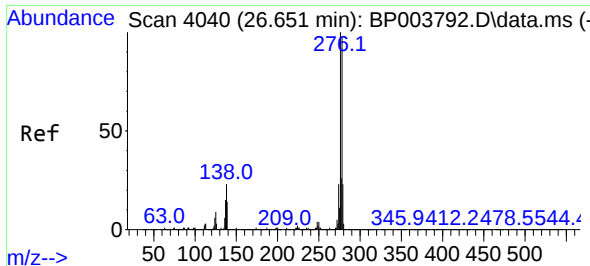
Tgt Ion:252 Resp: 1303658
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 9.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 19.60 ng
RT: 24.051 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:252 Resp: 721709
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.7 8.2 12.4

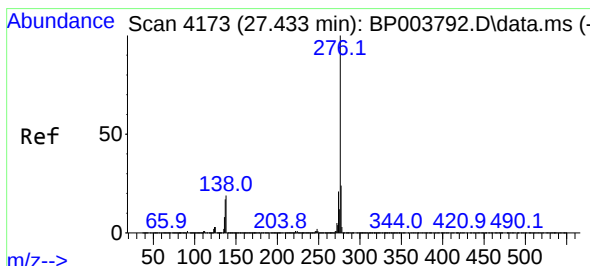
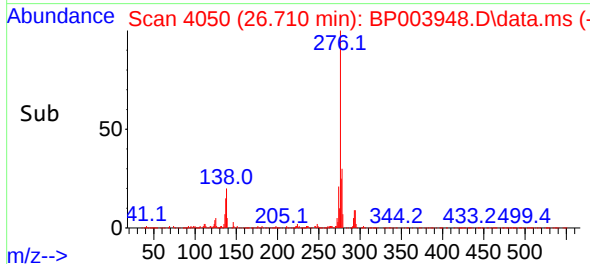
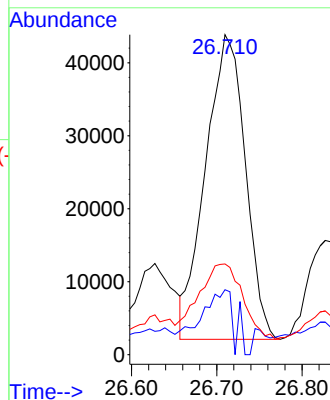
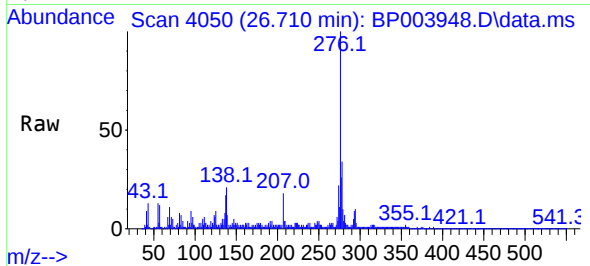




#91
Dibenzo(a,h)anthracene
Concen: 3.71 ng
RT: 26.710 min Scan# 4050
Delta R.T. -0.017 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Instrument :
BNA_P
ClientSampled :
M-99(0-10)

Tgt Ion:278 Resp: 135527
Ion Ratio Lower Upper
278 100
139 20.3 12.4 18.6#
279 28.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 13.50 ng
RT: 27.515 min Scan# 4187
Delta R.T. -0.006 min
Lab File: BP003948.D
Acq: 12 Nov 2020 20:32

Tgt Ion:276 Resp: 477722
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.6
138 20.3 16.6 24.8

