

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111320\
 Data File : BP003968.D
 Acq On : 13 Nov 2020 22:56
 Operator : CG/JU
 Sample : L4702-03DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 M-6(0-10)DL

Quant Time: Nov 16 08:22:46 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)

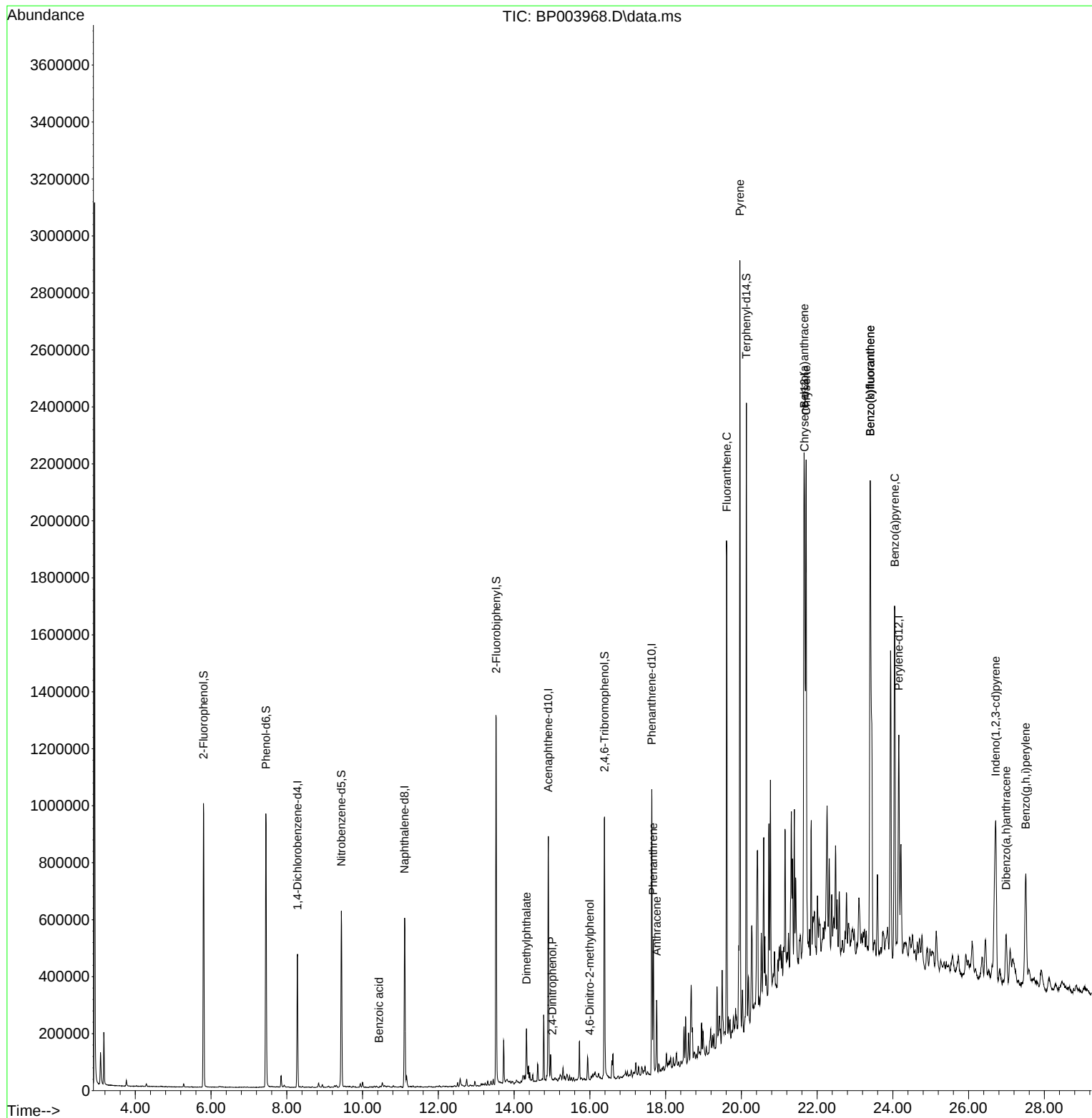
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	125090	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	475355	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	287915	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	590894	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	563753	20.00	ng	0.00
86) Perylene-d12	24.156	264	608361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	404209	53.93	ng	0.00
7) Phenol-d6	7.446	99	524219	48.72	ng	0.00
23) Nitrobenzene-d5	9.440	82	335494	34.57	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	176928	49.13	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	693379	33.67	ng	0.00
79) Terphenyl-d14	20.133	244	859638	29.46	ng	0.00
Target Compounds						
9) Benzaldehyde	7.393	77	695	Below Cal	#	52
32) Benzoic acid	10.434	122	16	8.31	ng	# 1
50) Dimethylphthalate	14.328	163	125833	5.59	ng	99
54) 2,4-Dinitrophenol	15.004	184	75	2.78	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.998	198	68	6.36	ng	# 1
71) Phenanthrene	17.674	178	276693	8.34	ng	99
72) Anthracene	17.763	178	159860	4.99	ng	99
75) Fluoranthene	19.616	202	1043322	27.27	ng	99
78) Pyrene	19.963	202	1520402	39.74	ng	98
81) Benzo(a)anthracene	21.657	228	854680	22.99	ng	98
83) Chrysene	21.710	228	1140270	31.92	ng	98
87) Indeno(1,2,3-cd)pyrene	26.715	276	534741	12.18	ng	96
88) Benzo(b)fluoranthene	23.404	252	1981889	49.78	ng	98
89) Benzo(k)fluoranthene	23.404	252	1981889	50.42	ng	99
90) Benzo(a)pyrene	24.051	252	988173	26.81	ng	99
91) Dibenzo(a,h)anthracene	26.992	278	102103	2.79	ng	95
92) Benzo(g,h,i)perylene	27.509	276	516557	14.59	ng	99

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

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BNA_P
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M-6(0-10)DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
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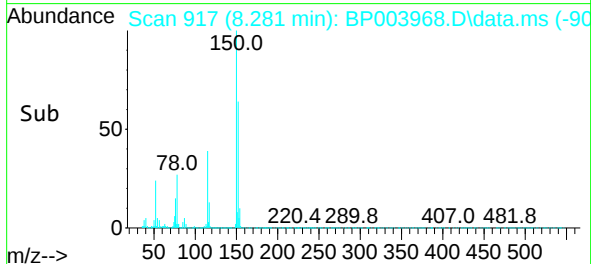
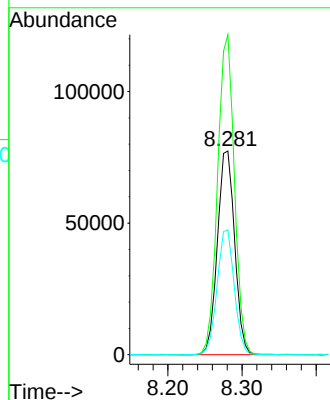
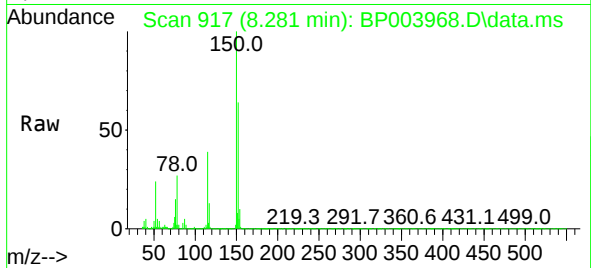




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

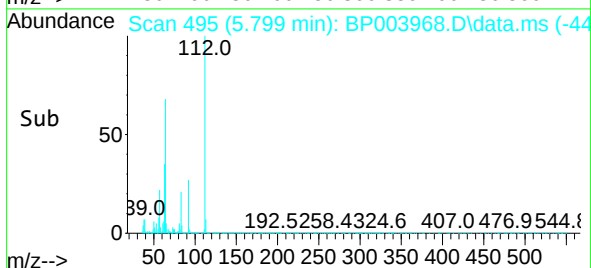
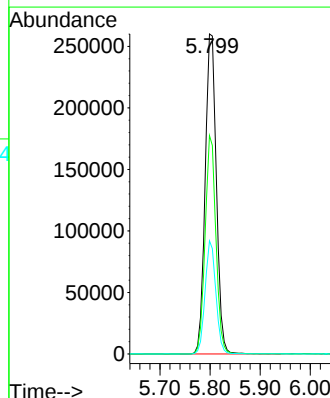
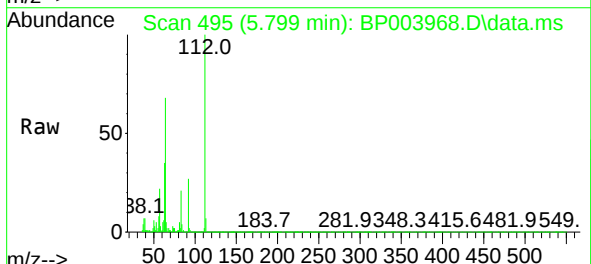
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

Tgt Ion:152 Resp: 125090
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 61.3 43.8 65.6



#5
2-Fluorophenol
Concen: 53.93 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:112 Resp: 404209
Ion Ratio Lower Upper
112 100
64 68.2 32.8 49.2#
63 35.4 17.0 25.4#

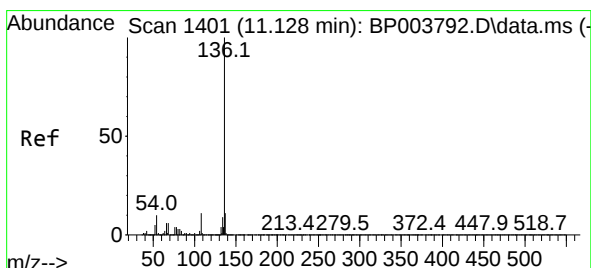
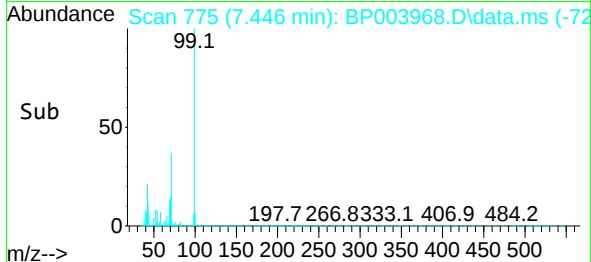
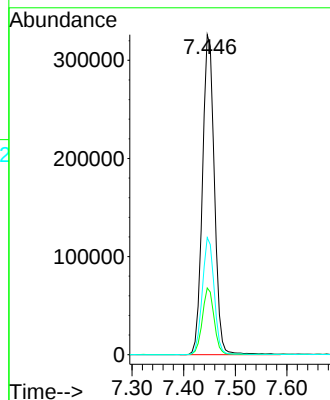
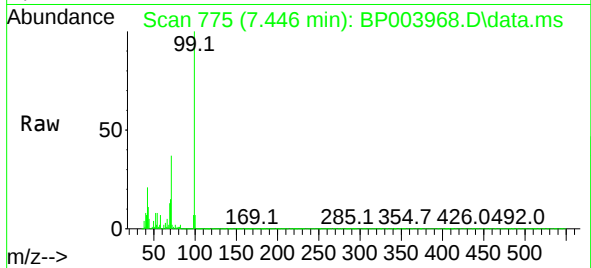




#7
Phenol-d6
Concen: 48.72 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

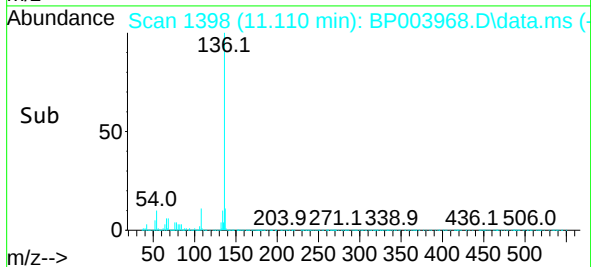
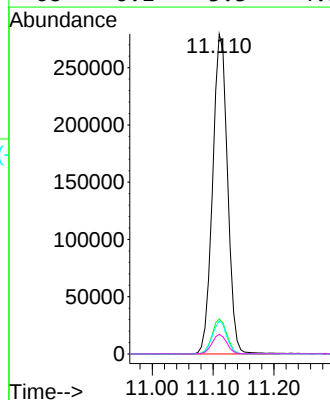
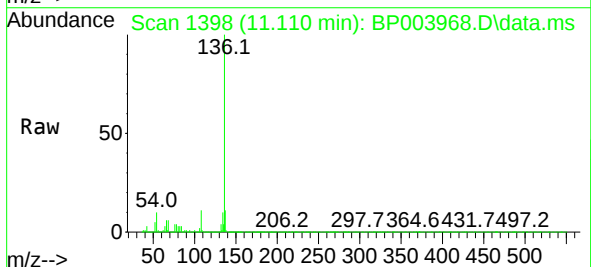
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

Tgt Ion: 99 Resp: 524219
Ion Ratio Lower Upper
99 100
42 20.8 8.6 13.0#
71 36.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion: 136 Resp: 475355
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 3.6 5.4#
68 6.1 3.3 4.9#

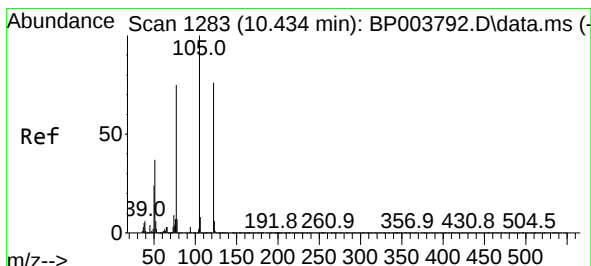
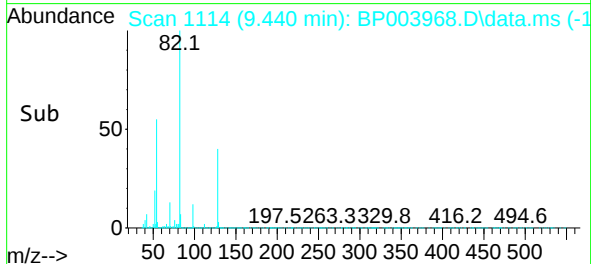
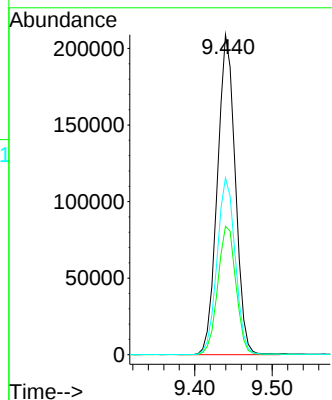
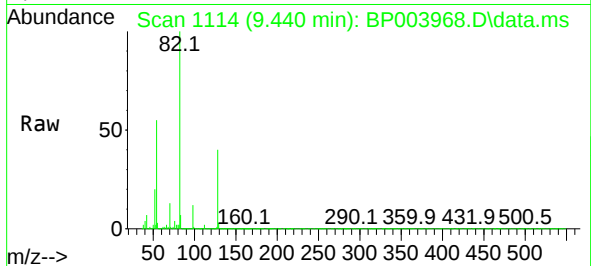




#23
Nitrobenzene-d5
Concen: 34.57 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

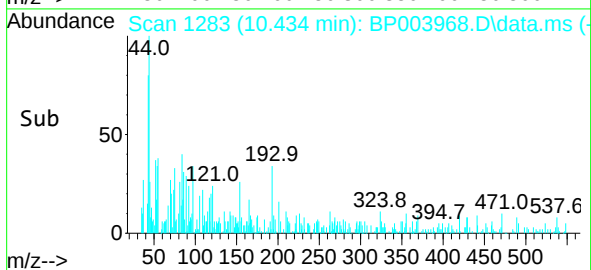
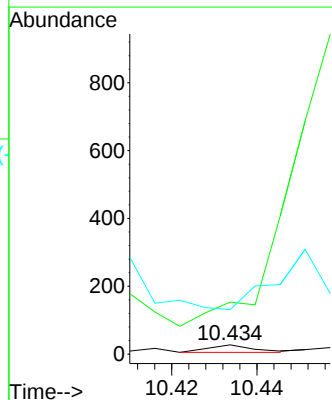
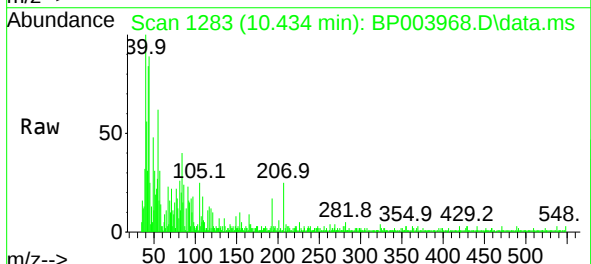
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

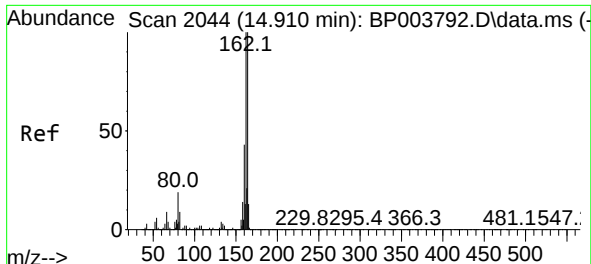
Tgt Ion: 82 Resp: 335494
Ion Ratio Lower Upper
82 100
128 40.1 45.6 68.4#
54 55.3 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.434 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion: 122 Resp: 16
Ion Ratio Lower Upper
122 100
105 566.7 94.1 134.1#
77 485.2 50.1 90.1#

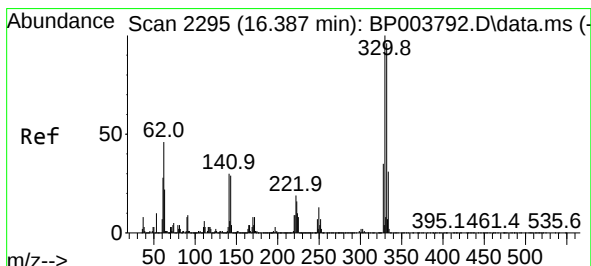
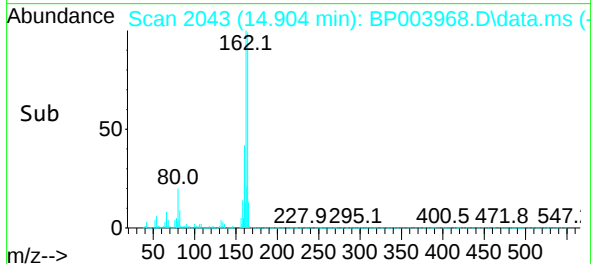
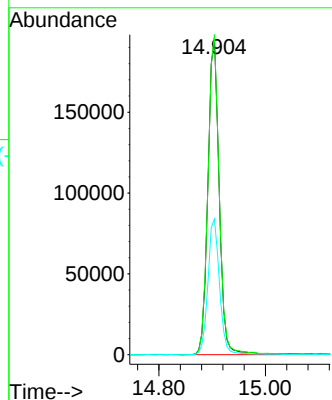
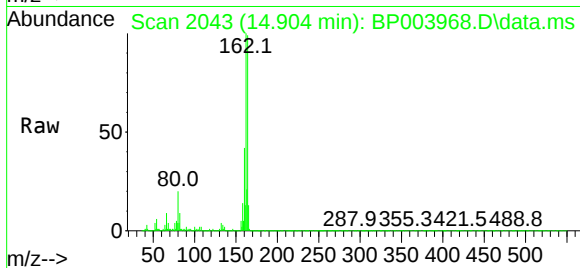




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

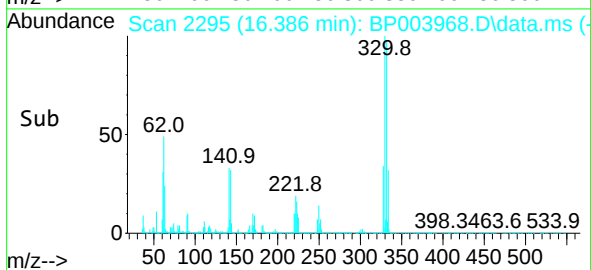
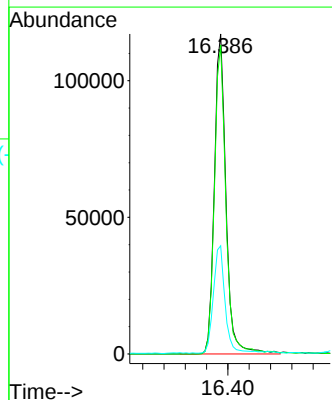
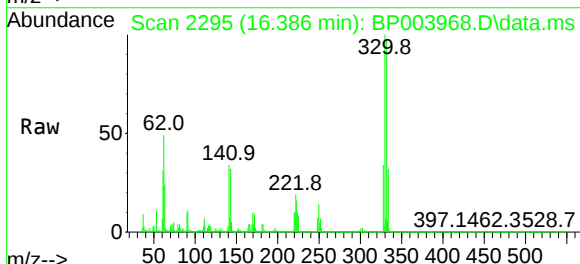
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

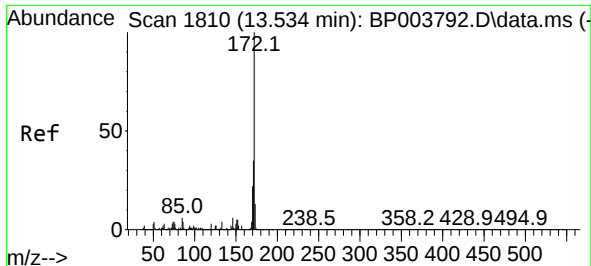
Tgt Ion:164 Resp: 287915
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.2
160 42.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 49.13 ng
RT: 16.386 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:330 Resp: 176928
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 34.1 23.4 35.2

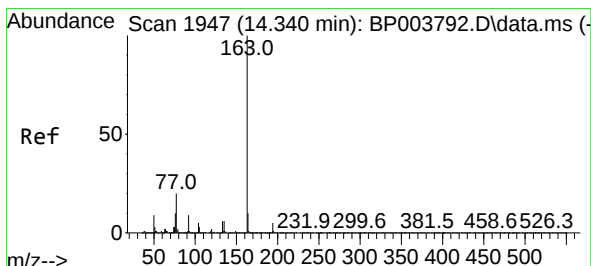
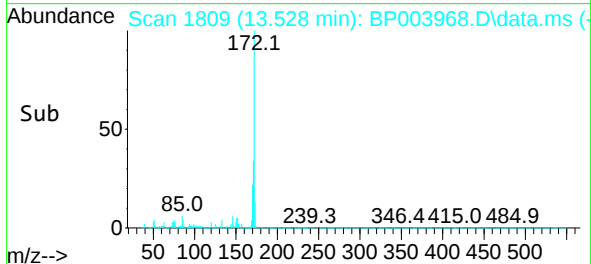
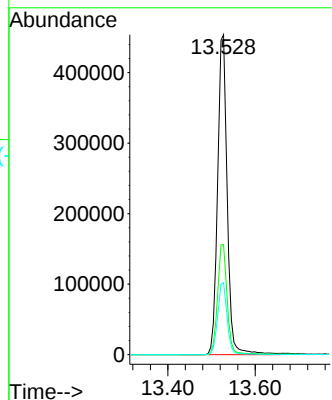
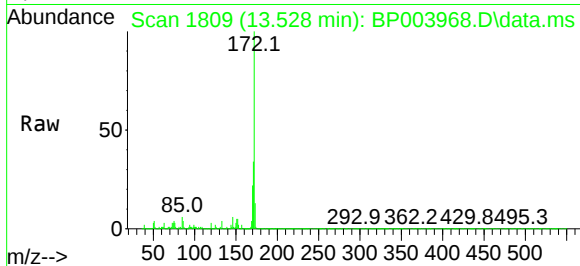




#45
2-Fluorobiphenyl
Concen: 33.67 ng
RT: 13.528 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

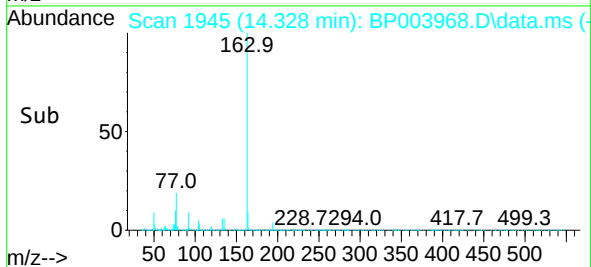
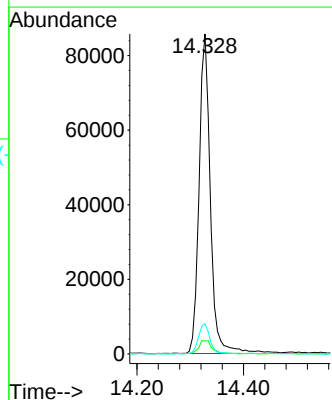
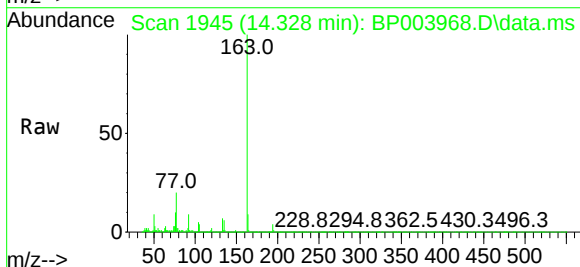
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

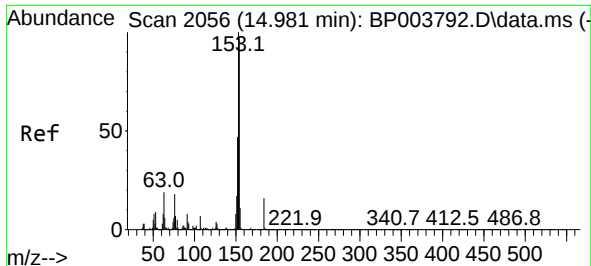
Tgt Ion:172 Resp: 693379
Ion Ratio Lower Upper
172 100
171 34.4 28.5 42.7
170 22.5 19.2 28.8



#50
Dimethylphthalate
Concen: 5.59 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:163 Resp: 125833
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.5 8.2 12.2

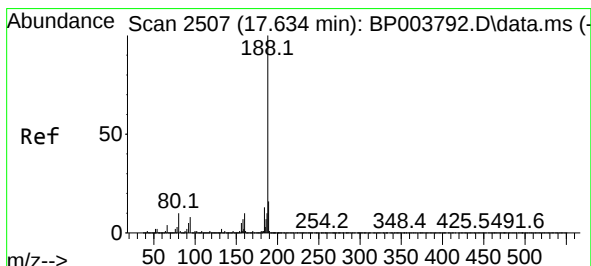
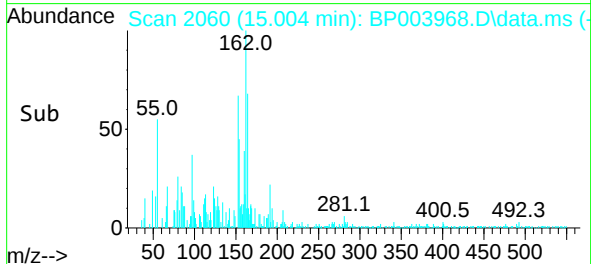
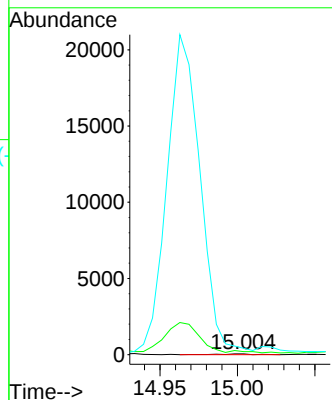
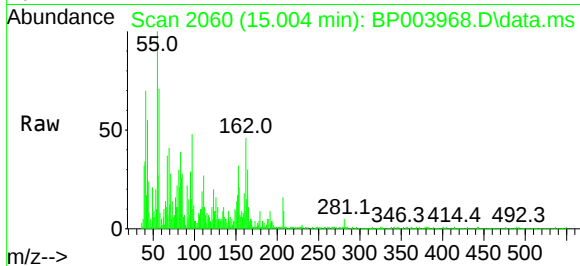




#54
2,4-Dinitrophenol
Concen: 2.78 ng
RT: 15.004 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

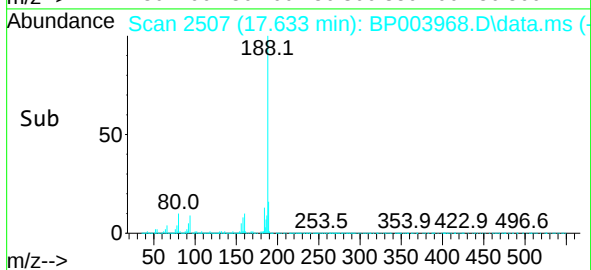
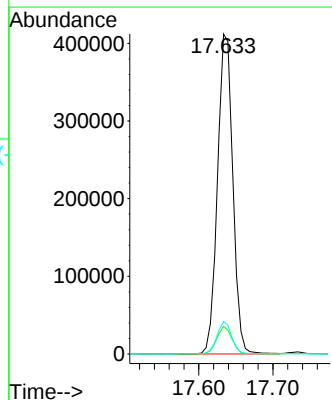
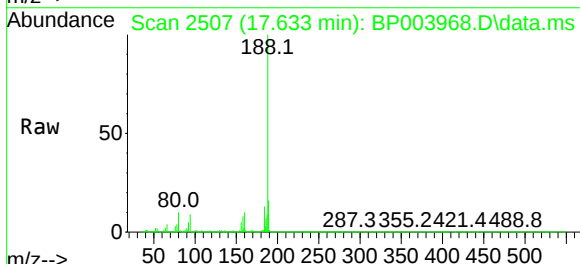
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M-6(0-10)DL

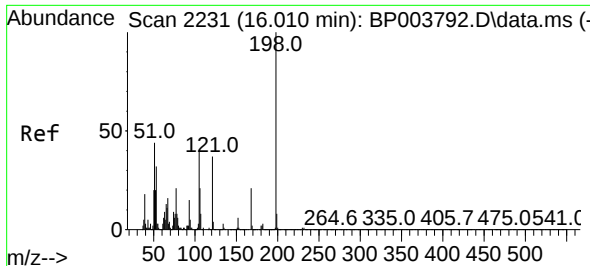
Tgt Ion:184 Resp: 75
Ion Ratio Lower Upper
184 100
63 358.2 32.3 48.5#
154 763.6 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.633 min Scan# 2507
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:188 Resp: 590894
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 10.2 6.2 9.2#

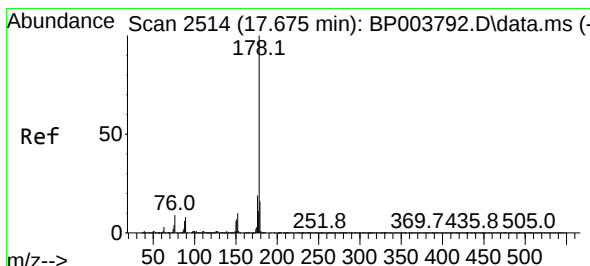
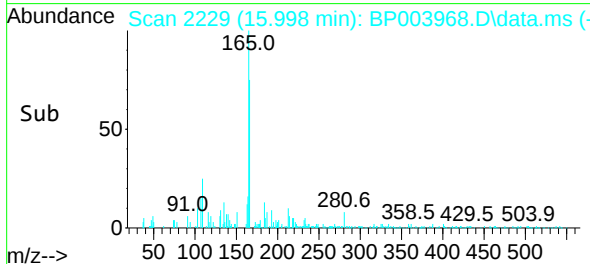
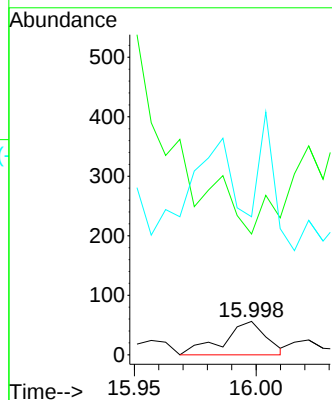
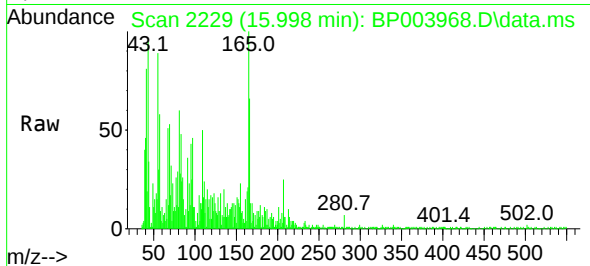




#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 15.998 min Scan# 2229
Delta R.T. -0.024 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

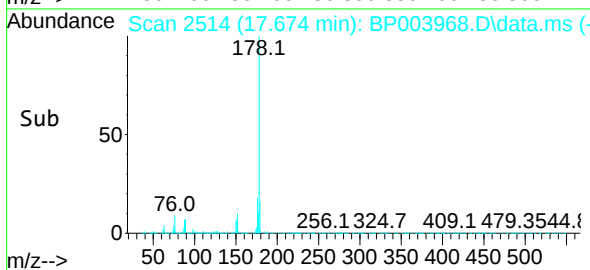
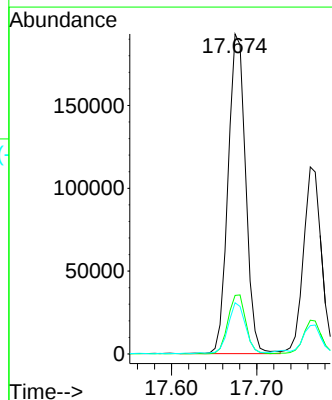
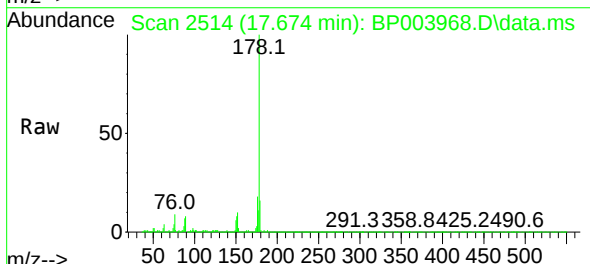
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

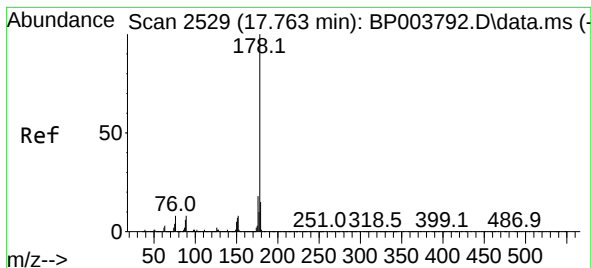
Tgt Ion:198 Resp: 68
Ion Ratio Lower Upper
198 100
51 285.9 6.4 46.4#
105 326.8 18.9 58.9#



#71
Phenanthrene
Concen: 8.34 ng
RT: 17.674 min Scan# 2514
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:178 Resp: 276693
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 16.0 12.5 18.7

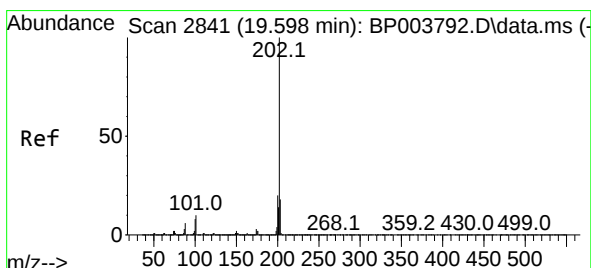
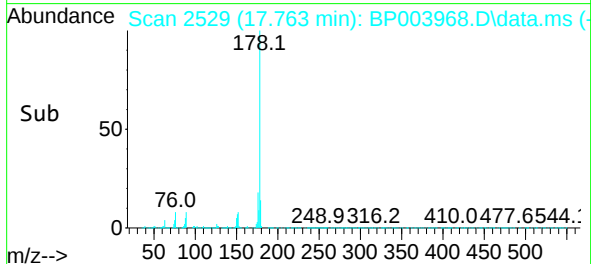
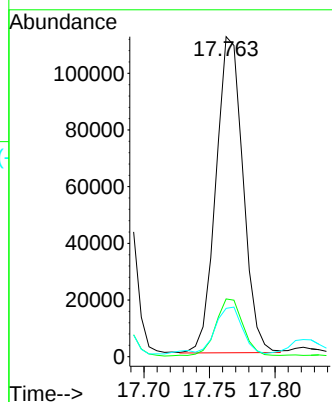
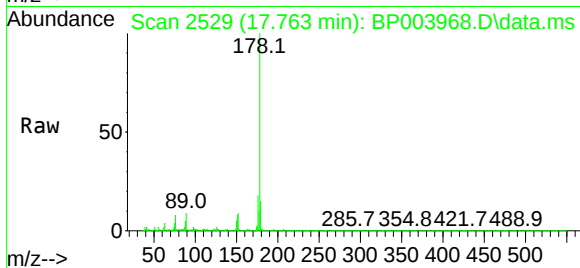




#72
 Anthracene
 Concen: 4.99 ng
 RT: 17.763 min Scan# 2529
 Delta R.T. -0.006 min
 Lab File: BP003968.D
 Acq: 13 Nov 2020 22:56

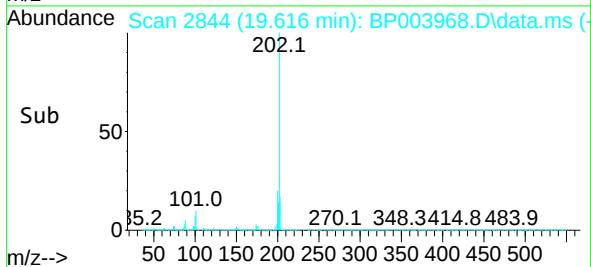
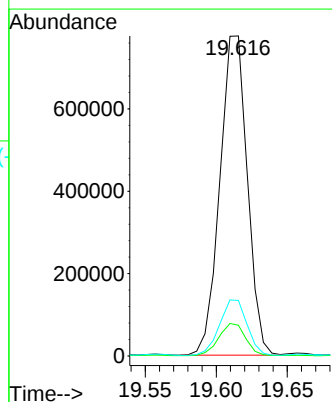
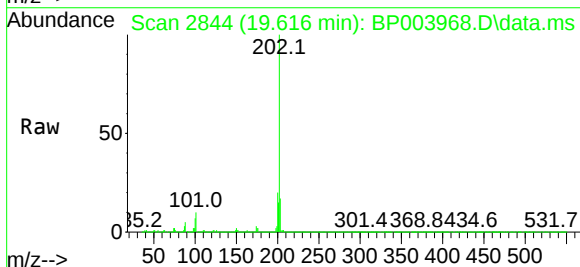
Instrument :
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 ClientSampleId :
 M-6(0-10)DL

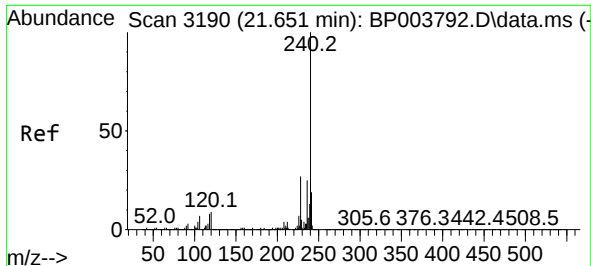
Tgt Ion:178	Resp:	159860
Ion Ratio	Lower	Upper
178	100	
176	18.1	15.0 22.4
179	15.1	12.5 18.7



#75
 Fluoranthene
 Concen: 27.27 ng
 RT: 19.616 min Scan# 2844
 Delta R.T. -0.000 min
 Lab File: BP003968.D
 Acq: 13 Nov 2020 22:56

Tgt Ion:202	Resp:	1043322
Ion Ratio	Lower	Upper
202	100	
101	9.6	0.0 29.4
203	17.4	0.0 37.8

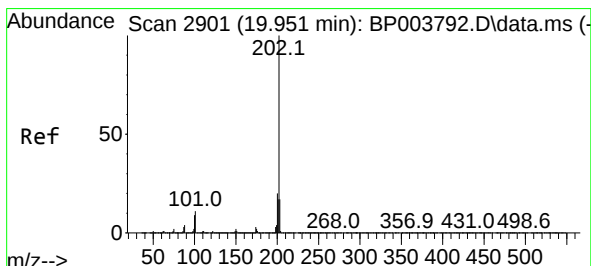
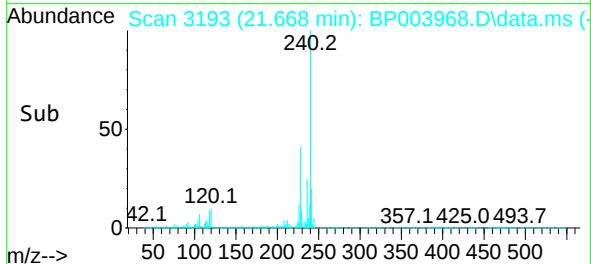
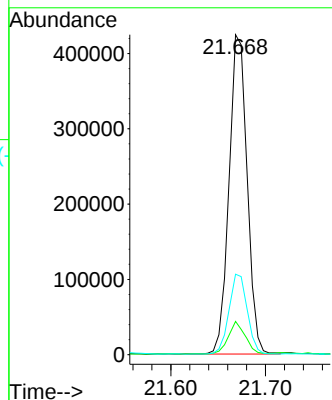
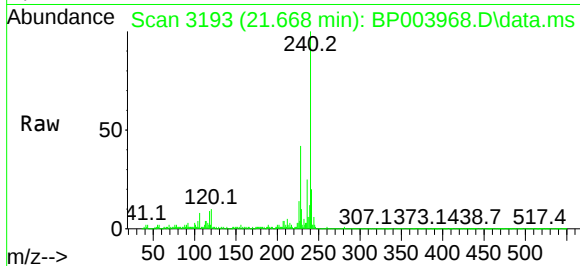




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3193
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

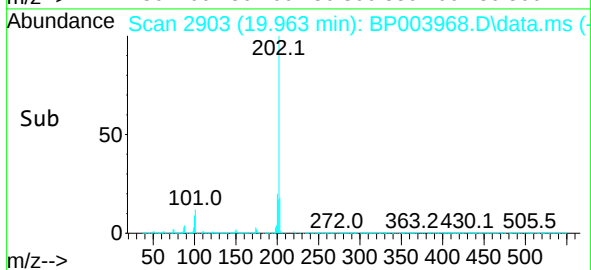
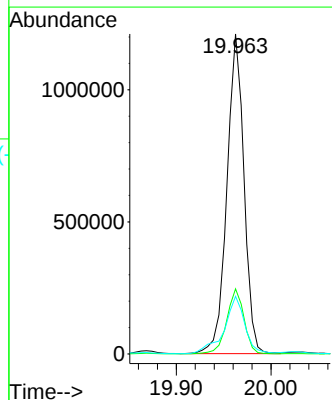
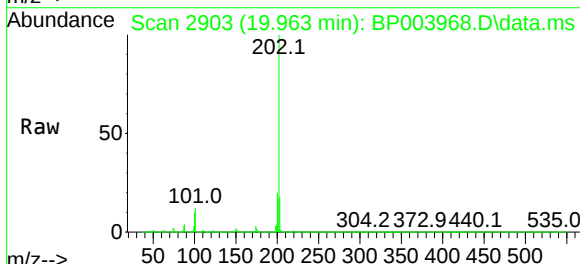
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

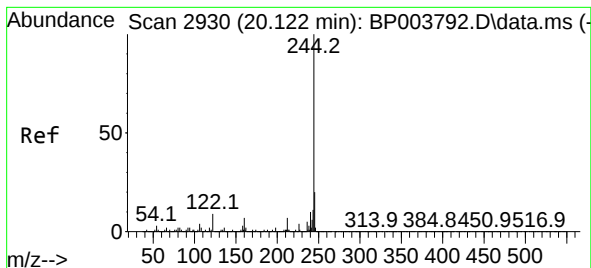
Tgt Ion:240 Resp: 563753
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 25.2 20.8 31.2



#78
Pyrene
Concen: 39.74 ng
RT: 19.963 min Scan# 2903
Delta R.T. -0.000 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:202 Resp: 1520402
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 18.0 14.2 21.2

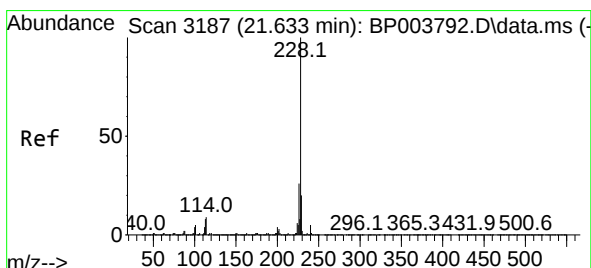
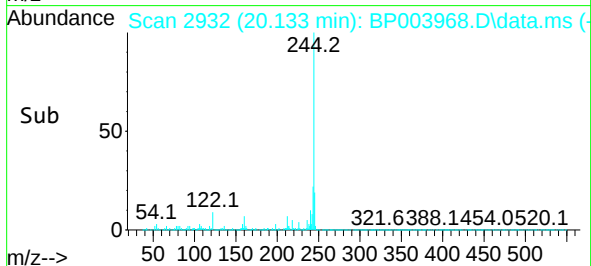
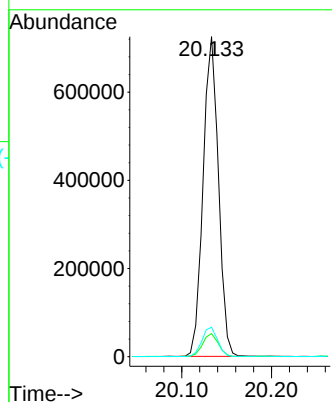
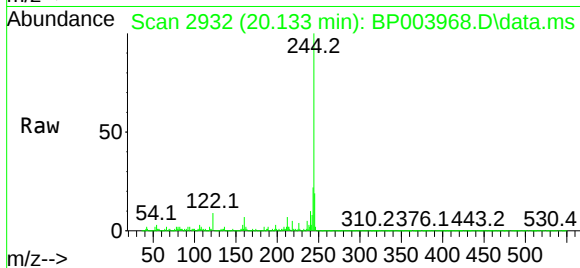




#79
 Terphenyl-d14
 Concen: 29.46 ng
 RT: 20.133 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: BP003968.D
 Acq: 13 Nov 2020 22:56

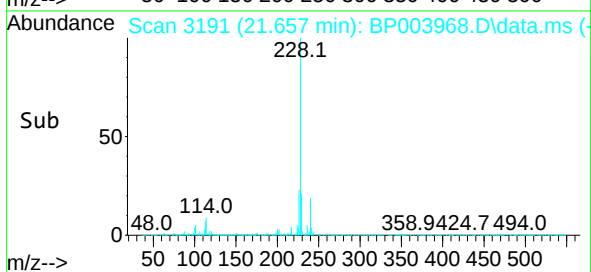
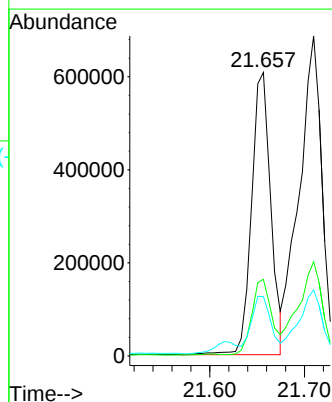
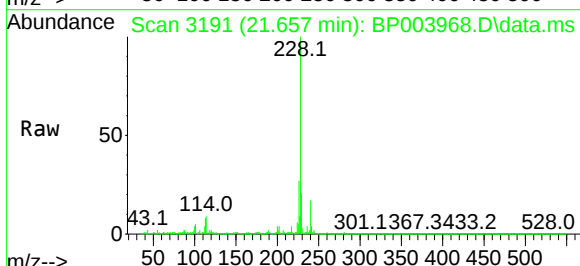
Instrument :
 BNA_P
 ClientSampleId :
 M-6(0-10)DL

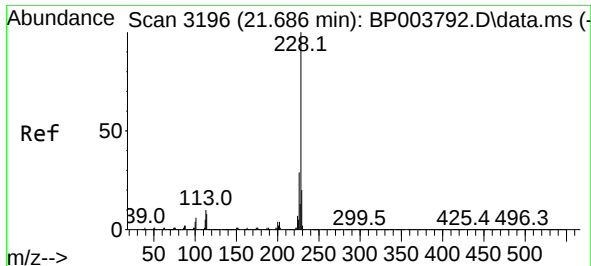
Tgt Ion:244 Resp: 859638
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.2 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 22.99 ng
 RT: 21.657 min Scan# 3191
 Delta R.T. -0.000 min
 Lab File: BP003968.D
 Acq: 13 Nov 2020 22:56

Tgt Ion:228 Resp: 854680
 Ion Ratio Lower Upper
 228 100
 226 27.0 22.1 33.1
 229 20.9 15.9 23.9

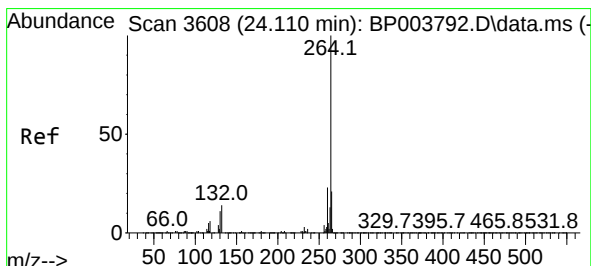
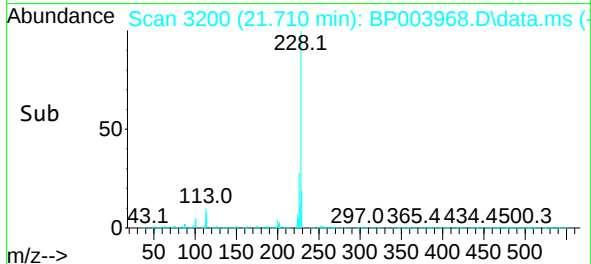
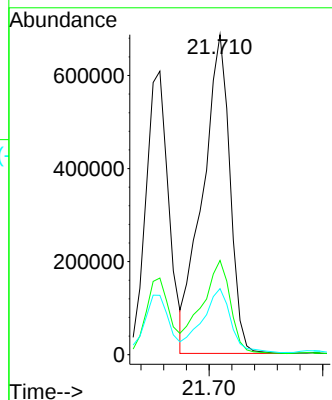
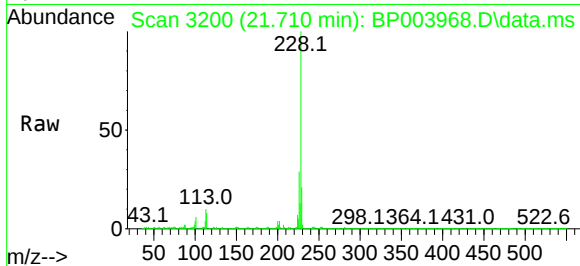




#83
Chrysene
Concen: 31.92 ng
RT: 21.710 min Scan# 3200
Delta R.T. -0.006 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

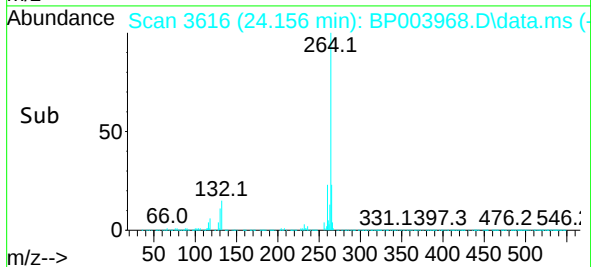
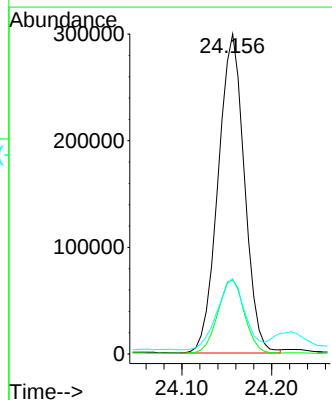
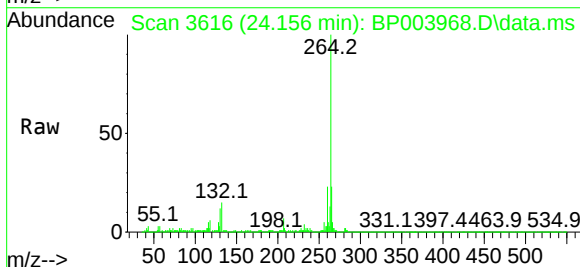
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

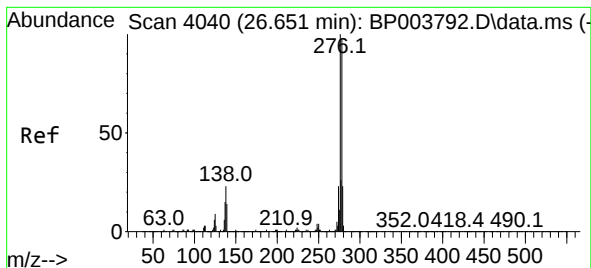
Tgt Ion:228 Resp: 1140270
Ion Ratio Lower Upper
228 100
226 29.4 24.4 36.6
229 20.7 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.156 min Scan# 3616
Delta R.T. -0.000 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:264 Resp: 608361
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 23.5 17.4 26.2

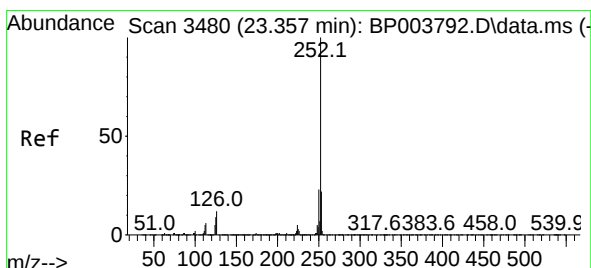
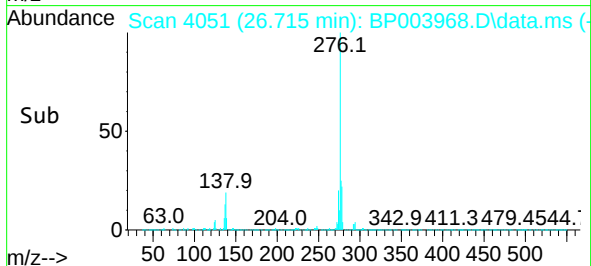
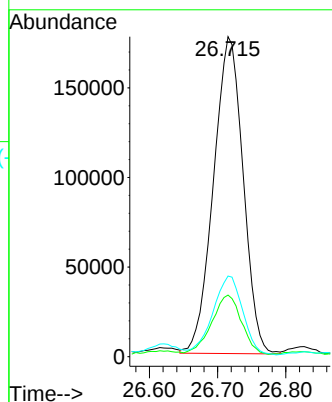
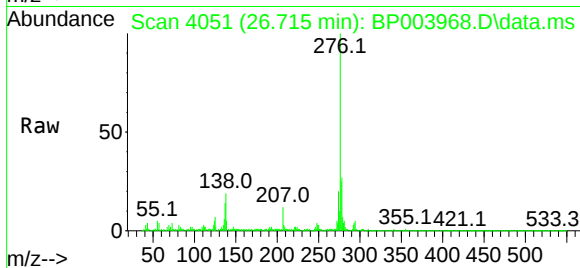




#87
Indeno(1,2,3-cd)pyrene
Concen: 12.18 ng
RT: 26.715 min Scan# 4051
Delta R.T. -0.012 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

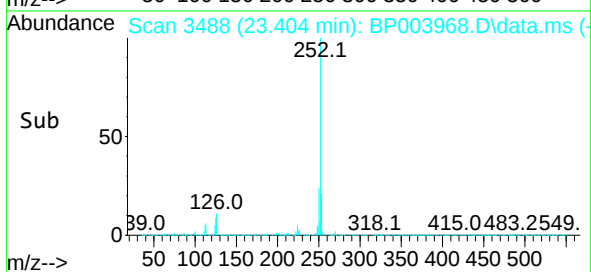
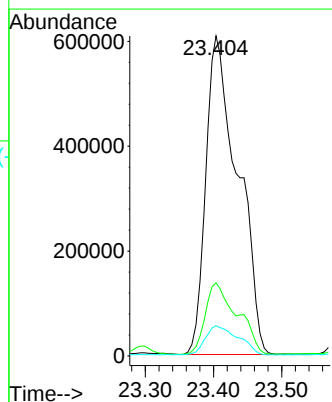
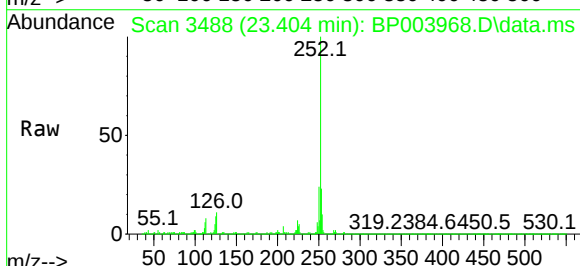
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

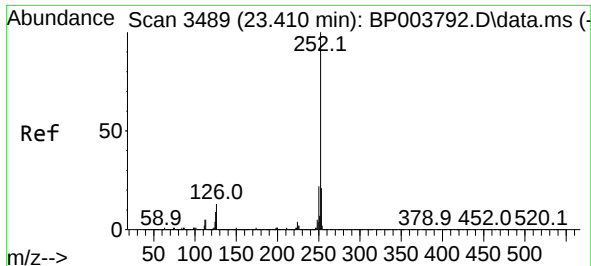
Tgt Ion:	276	Resp:	534741
Ion Ratio	Lower	Upper	
276	100		
138	19.1	18.7	28.1
277	25.2	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 49.78 ng
RT: 23.404 min Scan# 3488
Delta R.T. -0.000 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:	252	Resp:	1981889
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	9.4	7.3	10.9

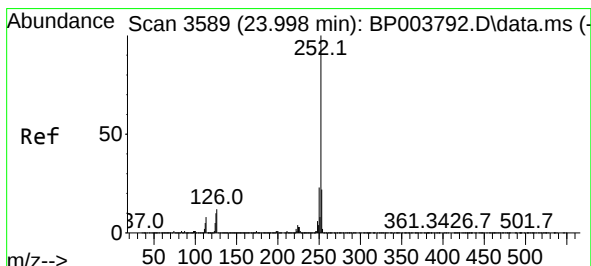
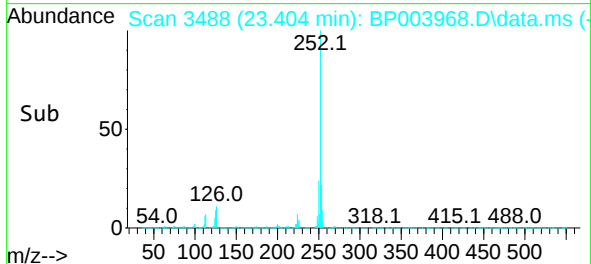
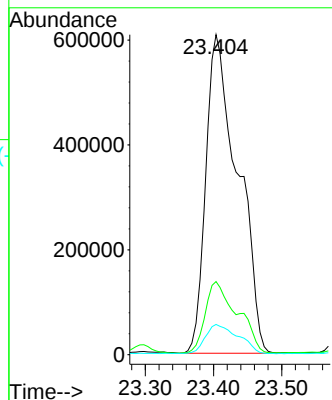
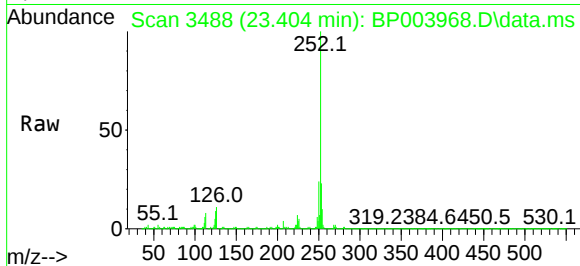




#89
Benzo(k)fluoranthene
Concen: 50.42 ng
RT: 23.404 min Scan# 3488
Delta R.T. -0.047 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

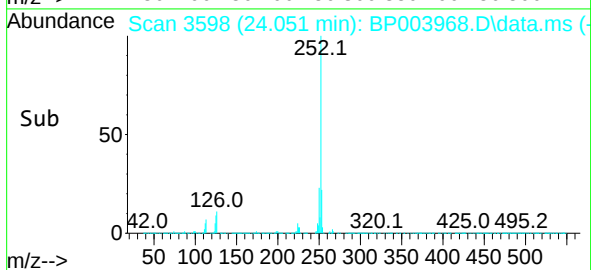
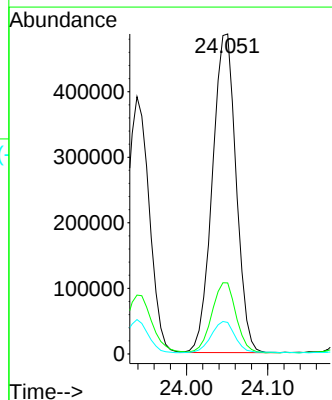
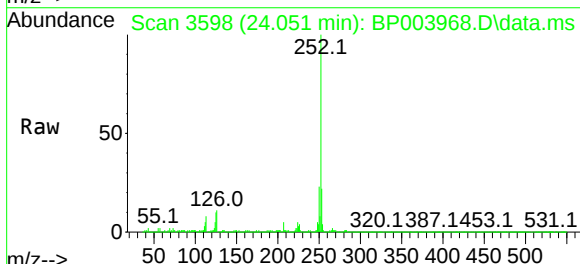
Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

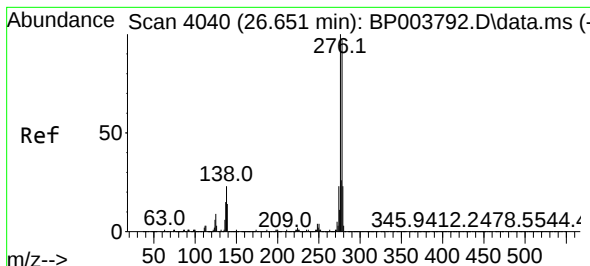
Tgt Ion:252 Resp: 1981889
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 26.81 ng
RT: 24.051 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:252 Resp: 988173
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.9 8.2 12.4

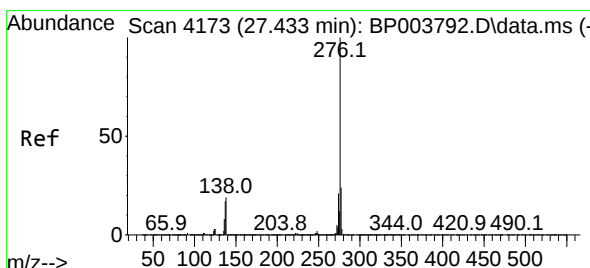
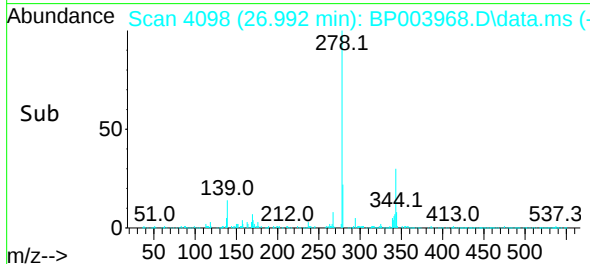
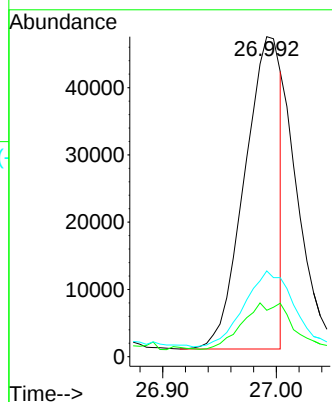
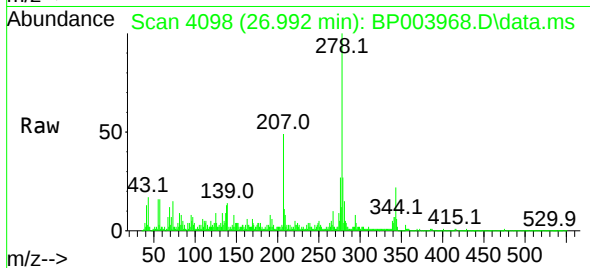




#91
Dibenzo(a,h)anthracene
Concen: 2.79 ng
RT: 26.992 min Scan# 4098
Delta R.T. 0.265 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Instrument :
BNA_P
ClientSampleId :
M-6(0-10)DL

Tgt Ion:278 Resp: 102103
Ion Ratio Lower Upper
278 100
139 14.5 12.4 18.6
279 26.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 14.59 ng
RT: 27.509 min Scan# 4186
Delta R.T. -0.012 min
Lab File: BP003968.D
Acq: 13 Nov 2020 22:56

Tgt Ion:276 Resp: 516557
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 19.8 16.6 24.8

