

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004079.D
 Acq On : 24 Nov 2020 16:53
 Operator : CG/JU
 Sample : L4875-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-08-112320

Quant Time: Nov 24 23:57:43 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)

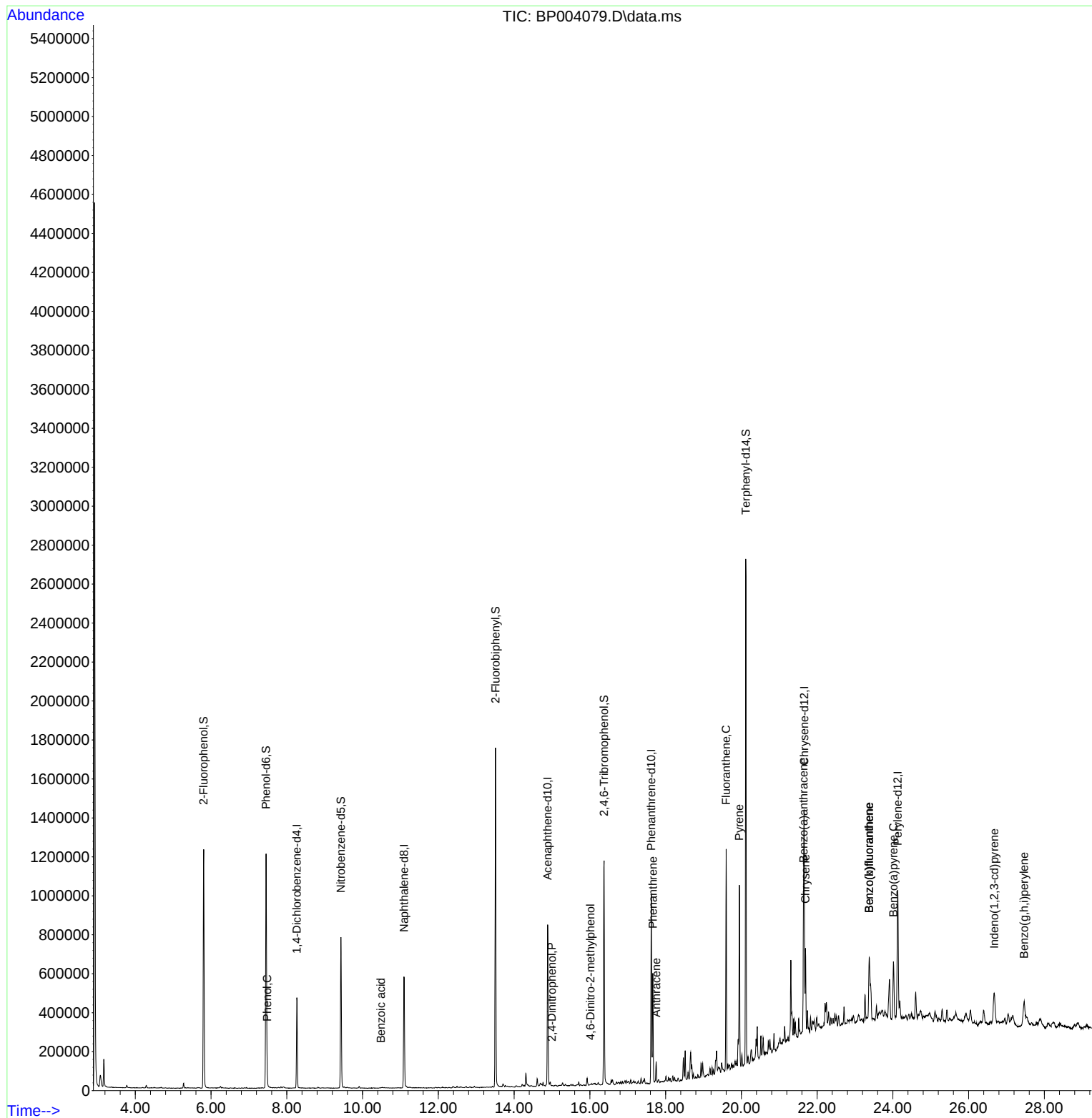
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	123727	20.00	ng	0.00
21) Naphthalene-d8	11.093	136	475246	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	284285	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	568273	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	515261	20.00	ng	0.00
86) Perylene-d12	24.127	264	545557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	518053	69.88	ng	0.00
7) Phenol-d6	7.452	99	677140	63.63	ng	0.00
23) Nitrobenzene-d5	9.428	82	424108	43.71	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	229711	64.60	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	901786	44.35	ng	0.00
79) Terphenyl-d14	20.116	244	1093589	41.00	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.363	77	592	Below Cal	#	63
10) Phenol	7.481	94	31938	3.11 ng		78
32) Benzoic acid	10.481	122	530	8.41 ng	#	86
54) 2,4-Dinitrophenol	14.998	184	30	2.75 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.016	198	62	6.36 ng	#	1
71) Phenanthrene	17.663	178	327145	10.26 ng		99
72) Anthracene	17.751	178	65415	2.12 ng		99
75) Fluoranthene	19.598	202	647224	17.59 ng		99
78) Pyrene	19.945	202	551262	15.77 ng		98
81) Benzo(a)anthracene	21.639	228	264684	7.79 ng		98
83) Chrysene	21.692	228	265568	8.13 ng		96
87) Indeno(1,2,3-cd)pyrene	26.674	276	151489	3.85 ng	#	94
88) Benzo(b)fluoranthene	23.374	252	423366	11.86 ng		100
89) Benzo(k)fluoranthene	23.374	252	423366	12.01 ng		100
90) Benzo(a)pyrene	24.016	252	223868	6.77 ng		97
92) Benzo(g,h,i)perylene	27.462	276	154044	4.85 ng		97

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

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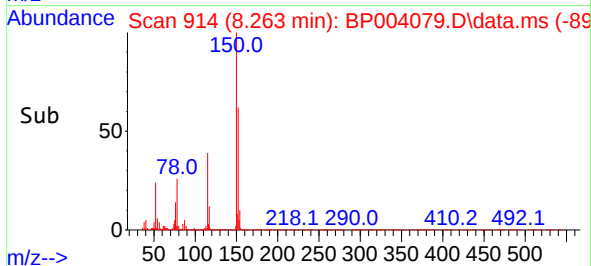
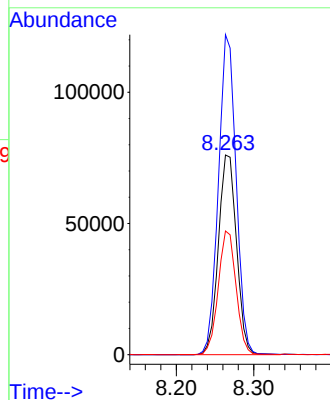
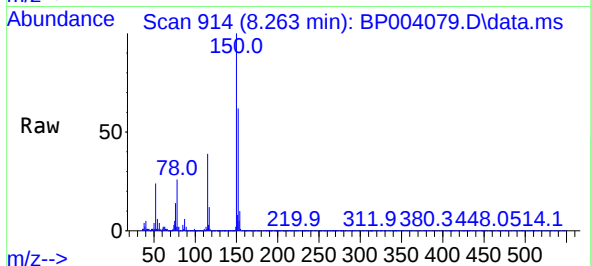




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

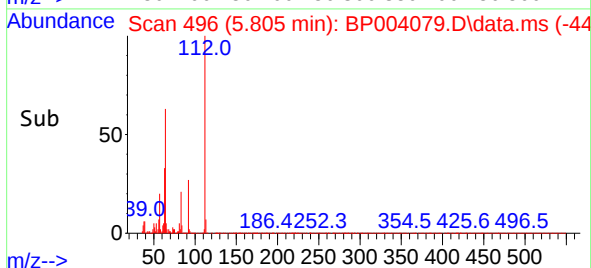
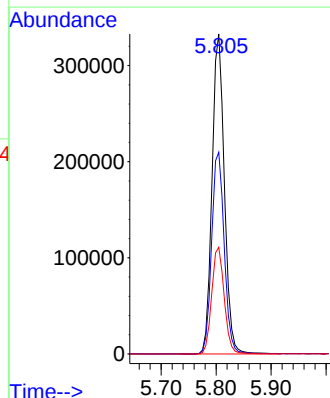
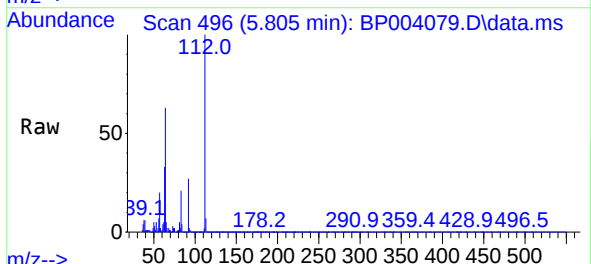
Instrument :
BNA_P
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TR-08-112320

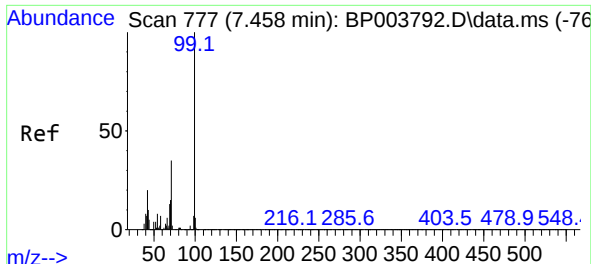
Tgt Ion:152 Resp: 123727
Ion Ratio Lower Upper
152 100
150 160.3 123.8 185.6
115 61.9 43.8 65.6



#5
2-Fluorophenol
Concen: 69.88 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:112 Resp: 518053
Ion Ratio Lower Upper
112 100
64 63.1 32.8 49.2#
63 33.4 17.0 25.4#

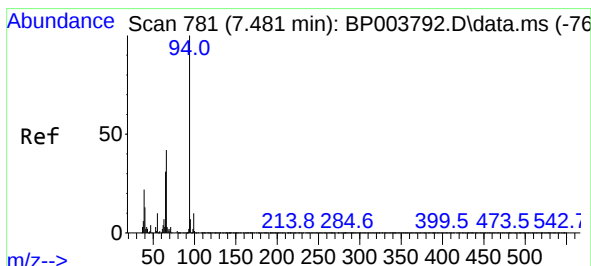
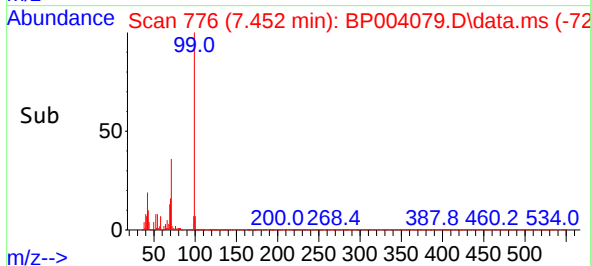
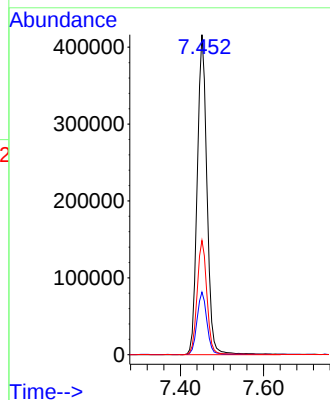
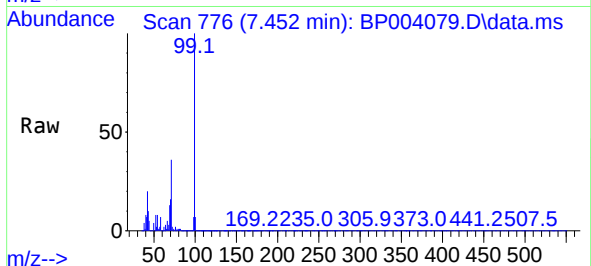




#7
Phenol-d6
Concen: 63.63 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

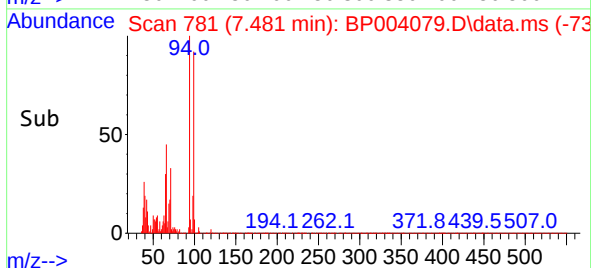
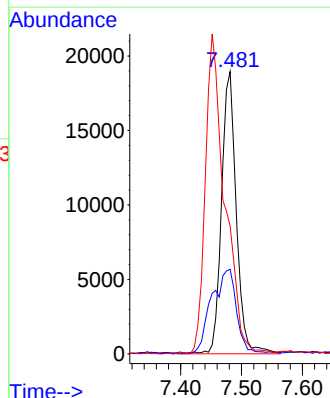
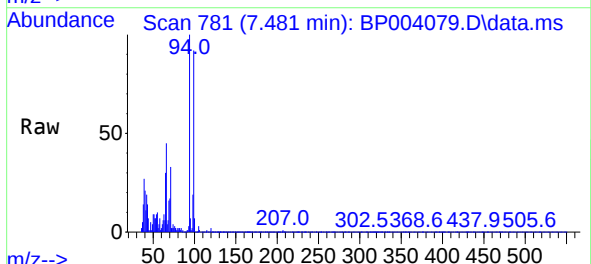
Instrument :
BNA_P
ClientSampleId :
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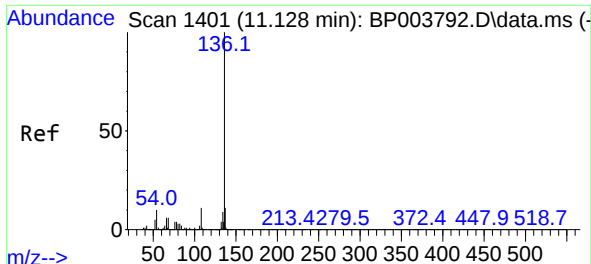
Tgt Ion: 99 Resp: 677140
Ion Ratio Lower Upper
99 100
42 19.5 8.6 13.0#
71 35.7 23.4 35.2#



#10
Phenol
Concen: 3.11 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion: 94 Resp: 31938
Ion Ratio Lower Upper
94 100
65 30.0 2.3 42.3
66 45.3 10.9 50.9

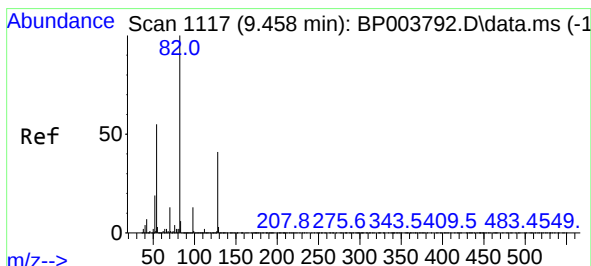
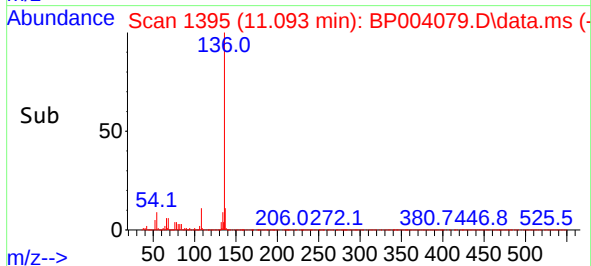
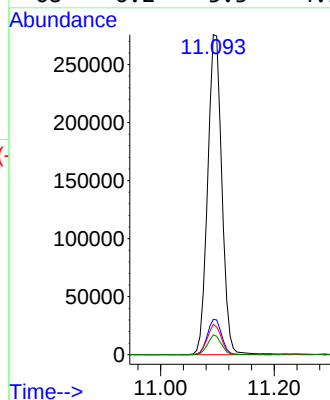
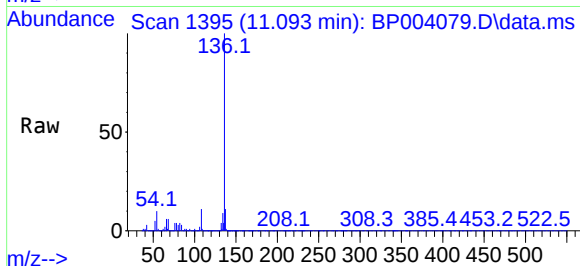




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

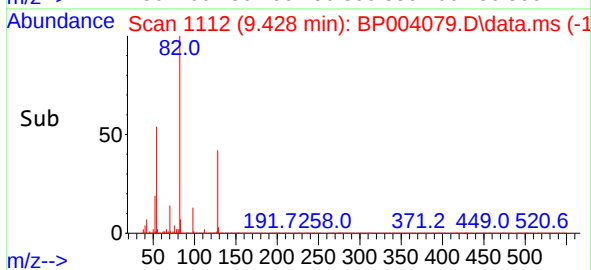
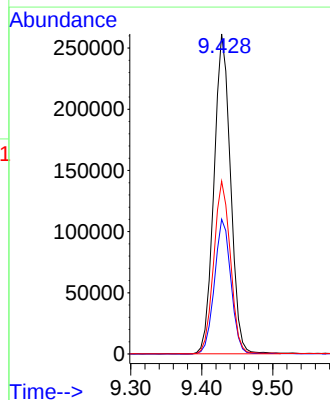
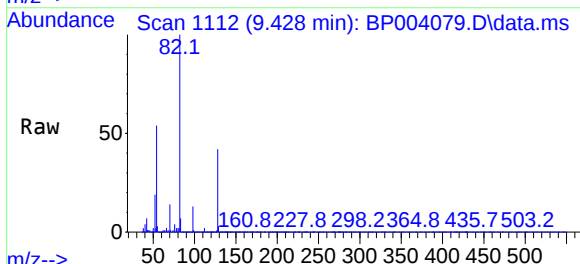
Instrument :
BNA_P
ClientSampleId :
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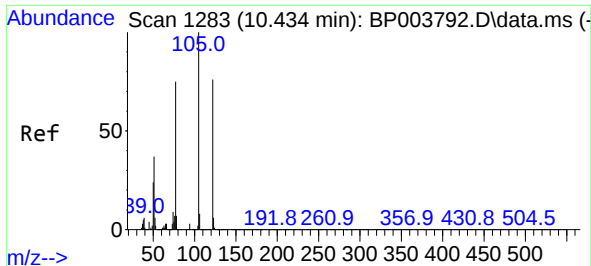
Tgt Ion:	136	Resp:	475246
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.5	3.6	5.4#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 43.71 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:	82	Resp:	424108
Ion	Ratio	Lower	Upper
82	100		
128	42.1	45.6	68.4#
54	54.0	30.1	45.1#

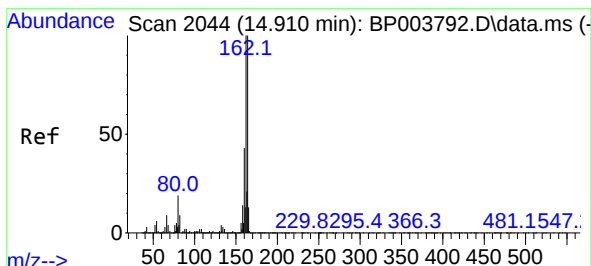
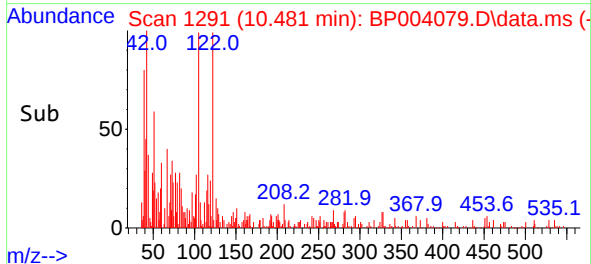
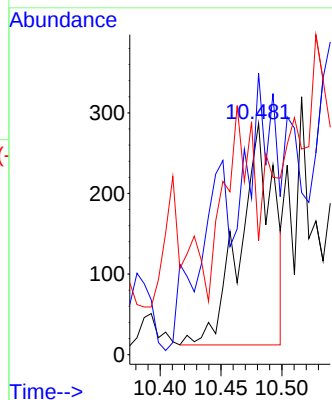
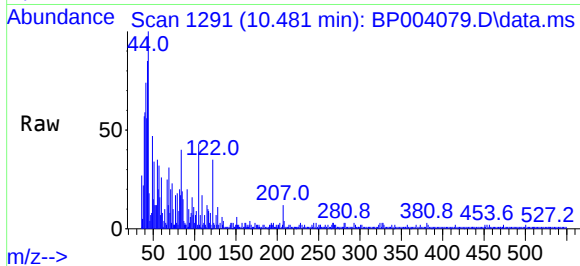




#32
Benzoic acid
Concen: 8.41 ng
RT: 10.481 min Scan# 1291
Delta R.T. 0.024 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

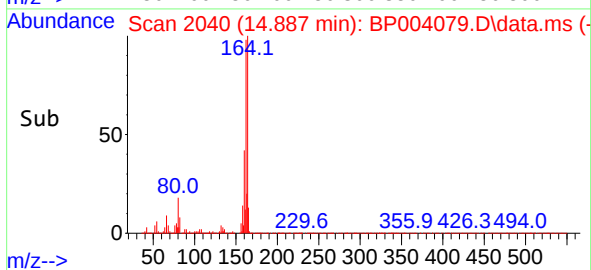
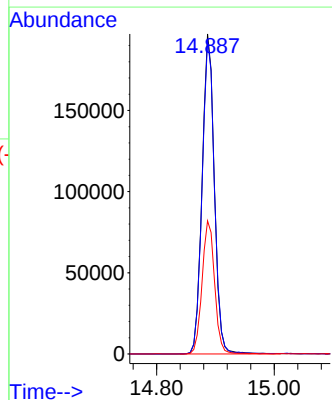
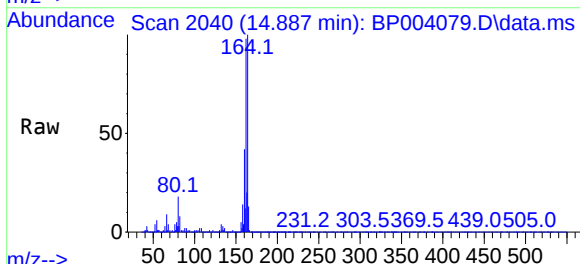
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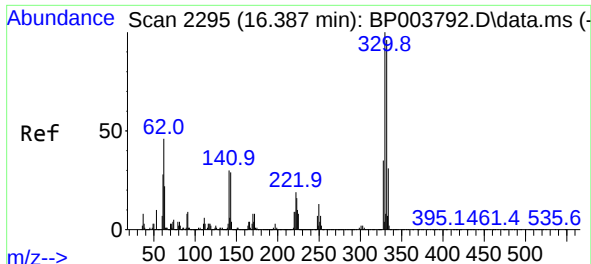
Tgt Ion:	122	Resp:	530
Ion	Ratio	Lower	Upper
122	100		
105	121.6	94.1	134.1
77	49.1	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:	164	Resp:	284285
Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.4	119.2
160	41.6	36.1	54.1

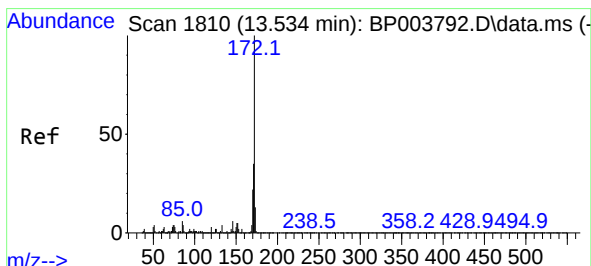
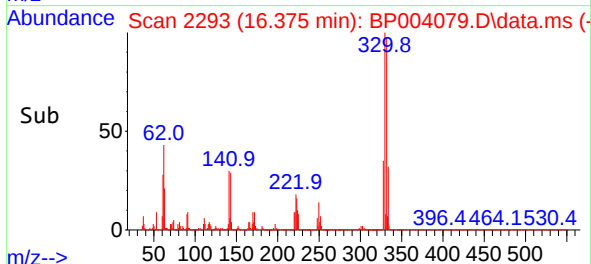
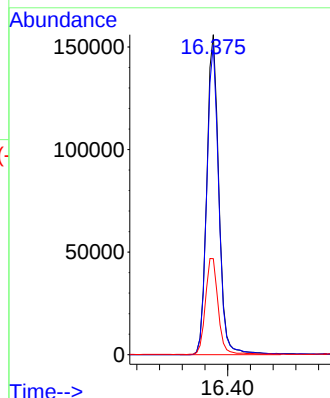
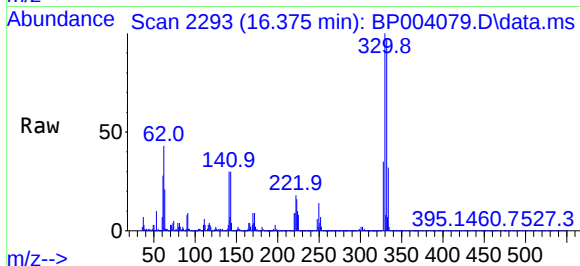




#42
2,4,6-Tribromophenol
Concen: 64.60 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

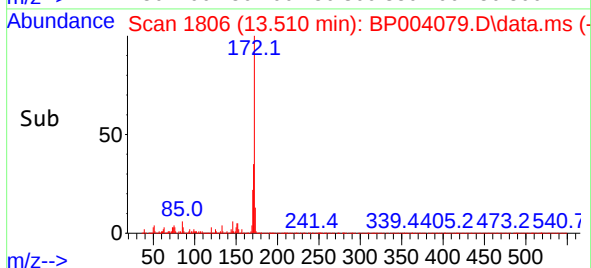
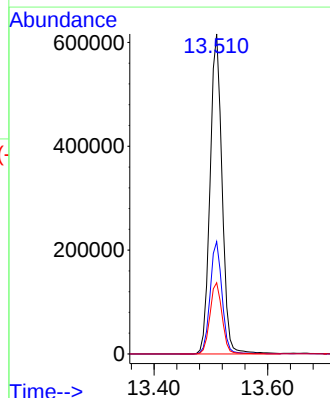
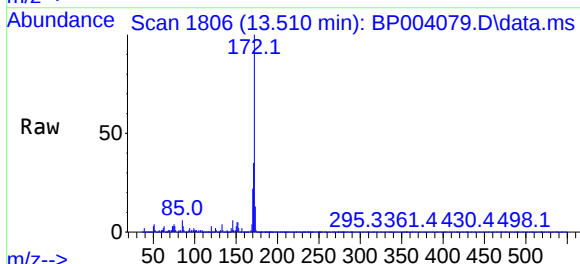
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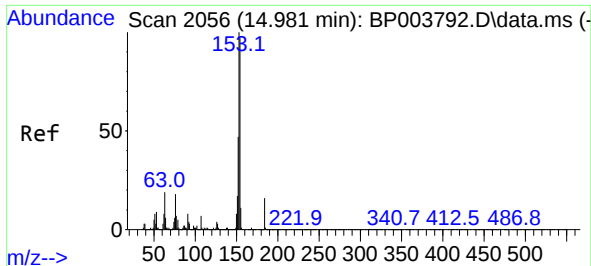
Tgt Ion: 330 Resp: 229711
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 31.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 44.35 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion: 172 Resp: 901786
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.2 19.2 28.8

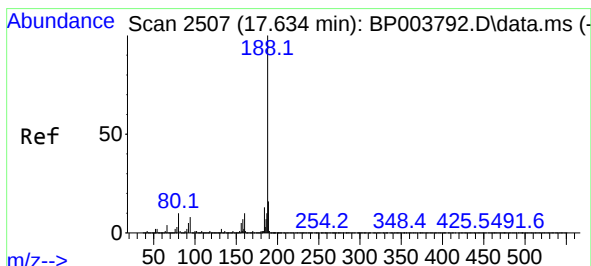
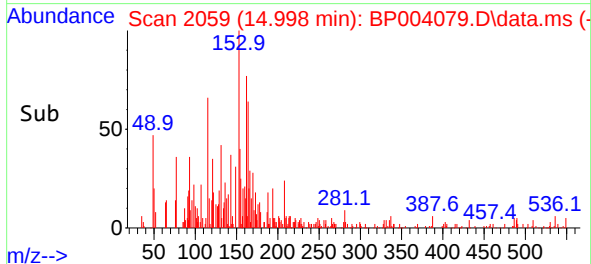
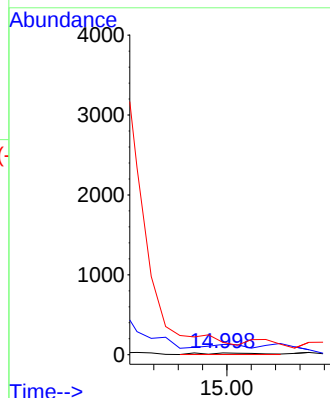
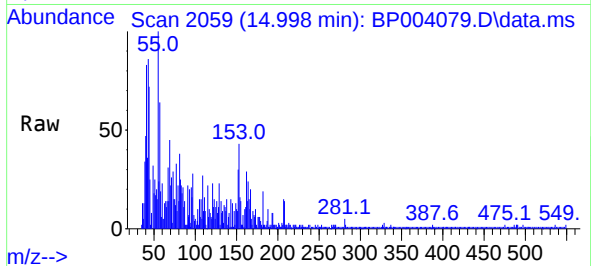




#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.998 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

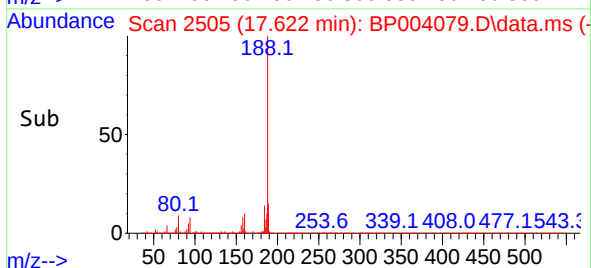
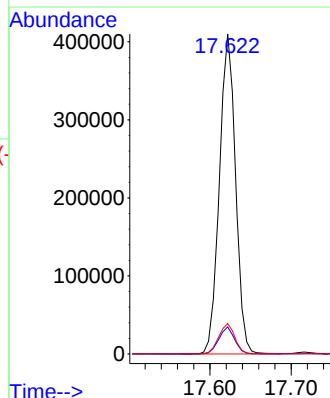
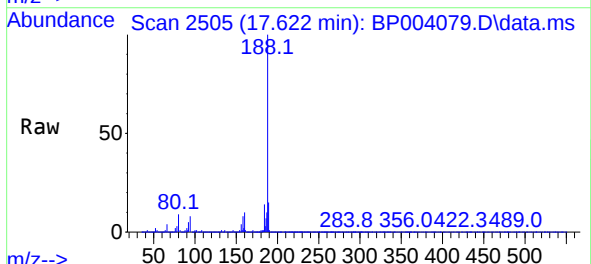
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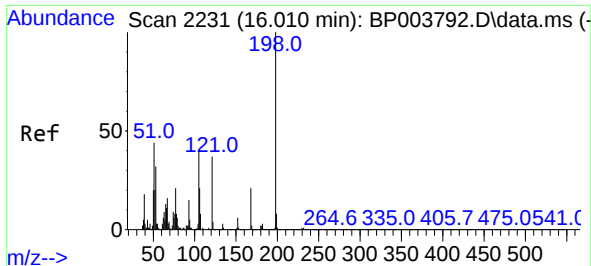
Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 556.5 32.3 48.5#
154 669.6 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:188 Resp: 568273
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.5 6.2 9.2#

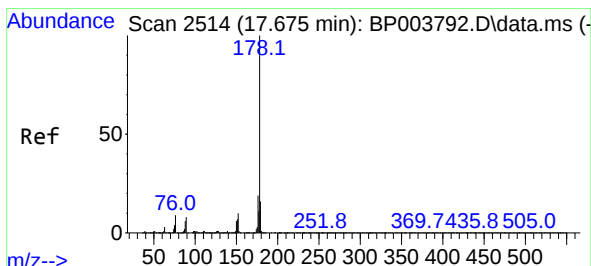
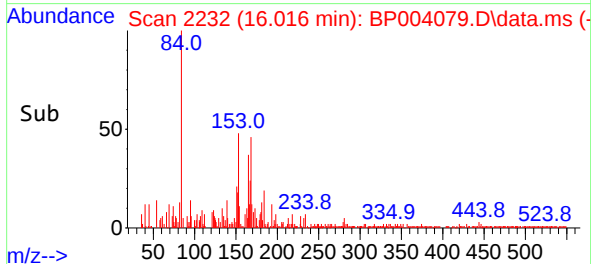
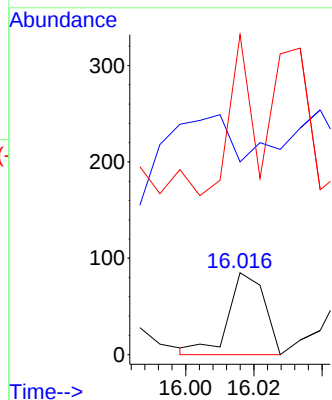
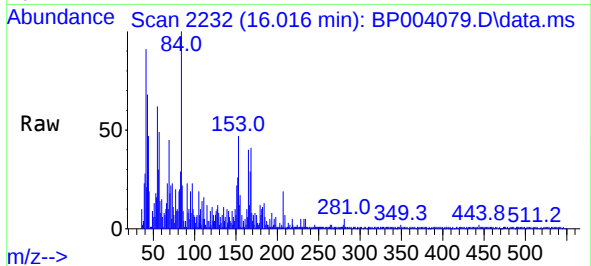




#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

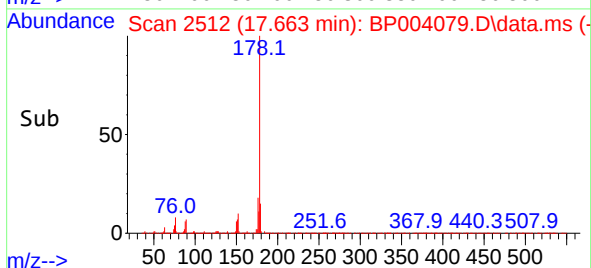
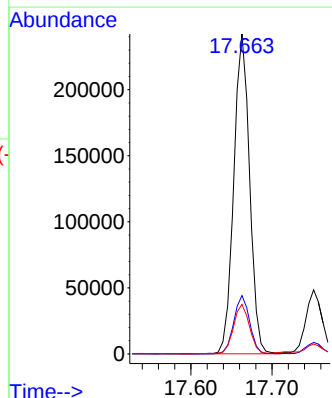
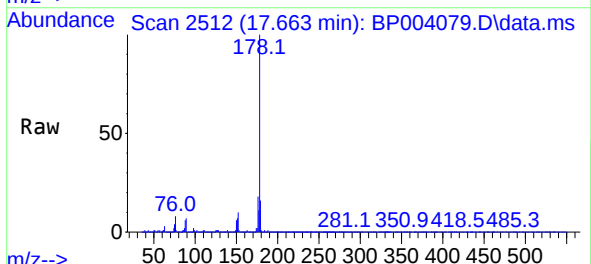
Instrument :
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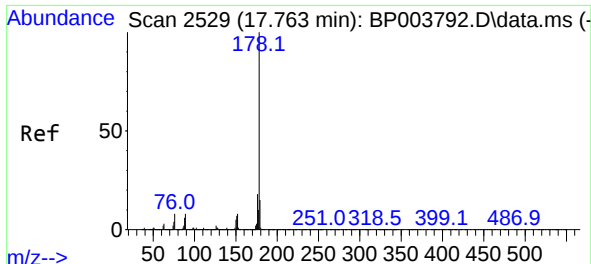
Tgt Ion:198 Resp: 62
Ion Ratio Lower Upper
198 100
51 235.3 6.4 46.4#
105 390.6 18.9 58.9#



#71
Phenanthrene
Concen: 10.26 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:178 Resp: 327145
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.5 12.5 18.7

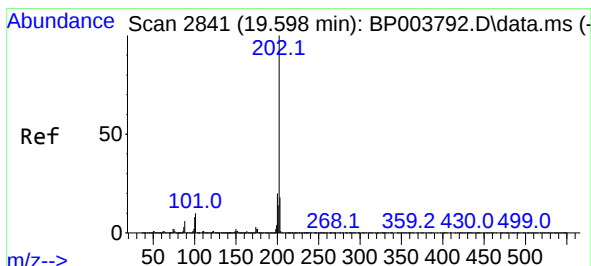
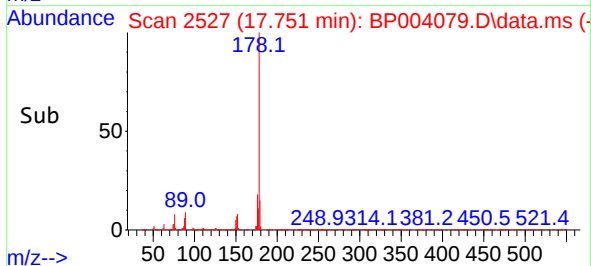
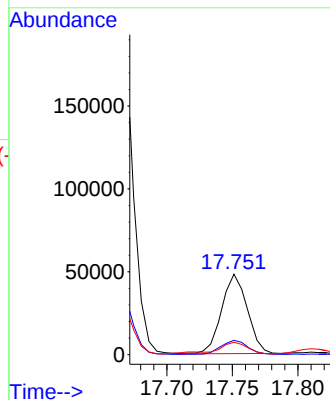
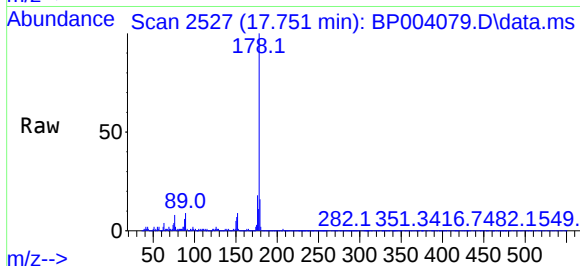




#72
 Anthracene
 Concen: 2.12 ng
 RT: 17.751 min Scan# 2527
 Delta R.T. -0.006 min
 Lab File: BP004079.D
 Acq: 24 Nov 2020 16:53

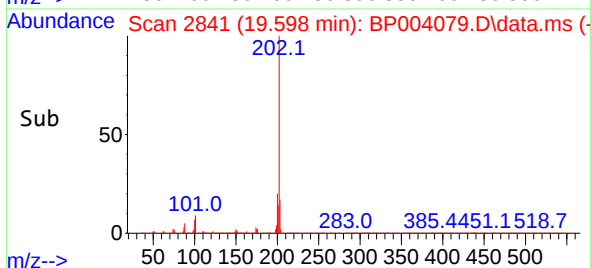
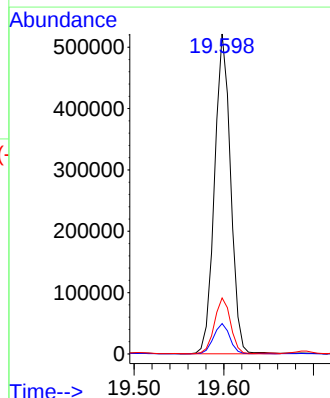
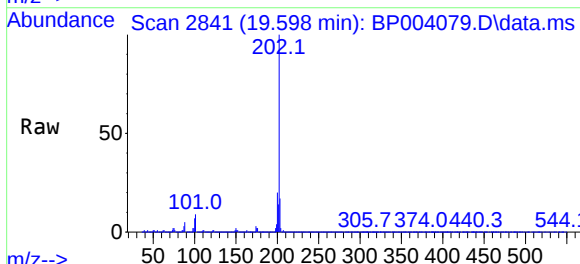
Instrument :
 BNA_P
 ClientSampleId :
 TR-08-112320

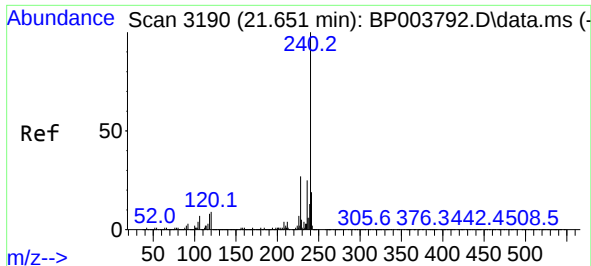
Tgt Ion:178 Resp: 65415
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.0 22.4
 179 15.6 12.5 18.7



#75
 Fluoranthene
 Concen: 17.59 ng
 RT: 19.598 min Scan# 2841
 Delta R.T. -0.006 min
 Lab File: BP004079.D
 Acq: 24 Nov 2020 16:53

Tgt Ion:202 Resp: 647224
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 29.4
 203 17.5 0.0 37.8

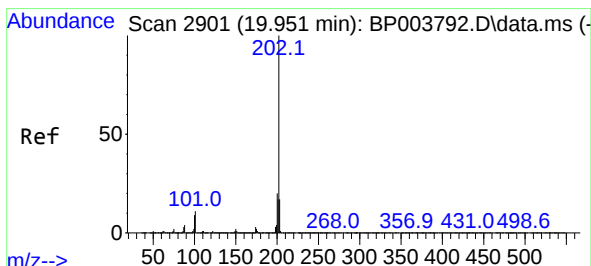
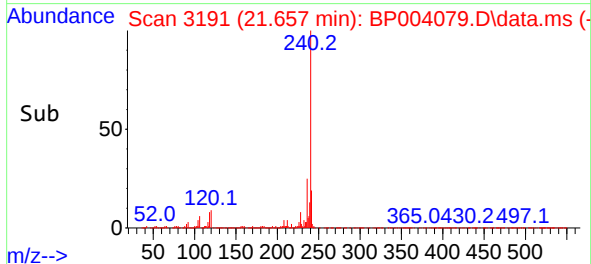
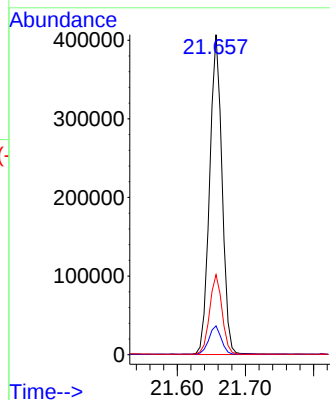
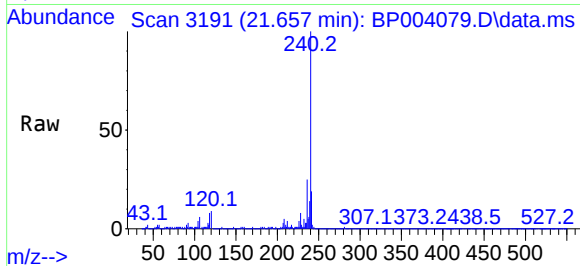




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

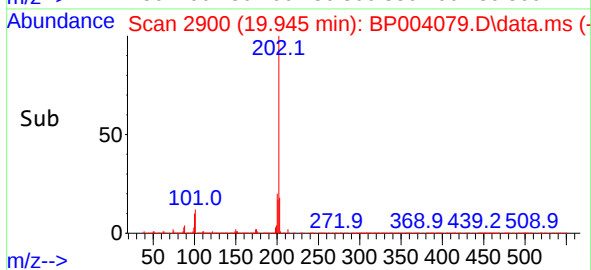
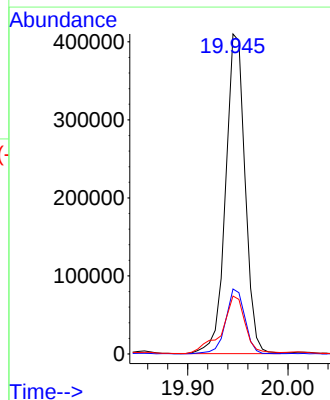
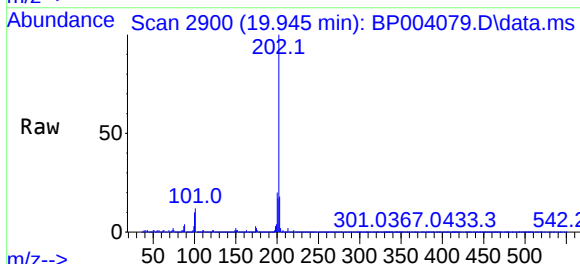
Instrument :
BNA_P
ClientSampleId :
TR-08-112320

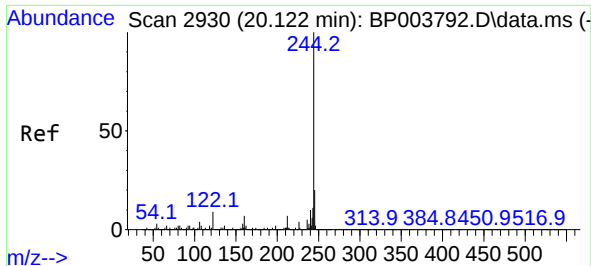
Tgt Ion:240 Resp: 515261
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.0 20.8 31.2



#78
Pyrene
Concen: 15.77 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:202 Resp: 551262
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 18.1 14.2 21.2

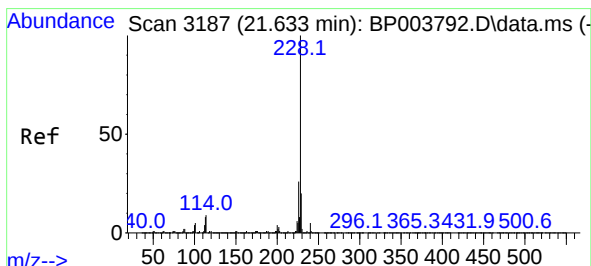
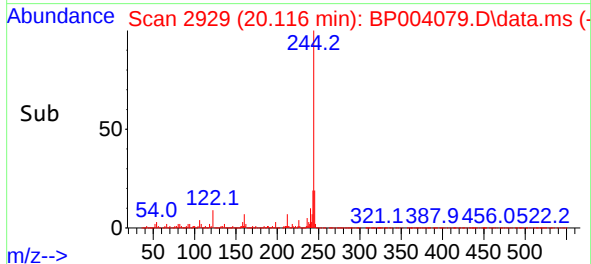
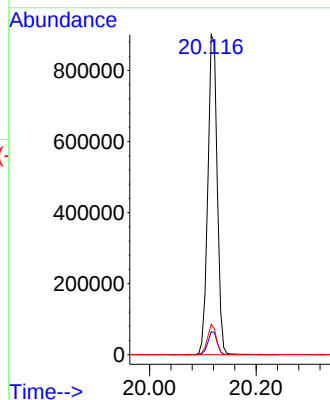
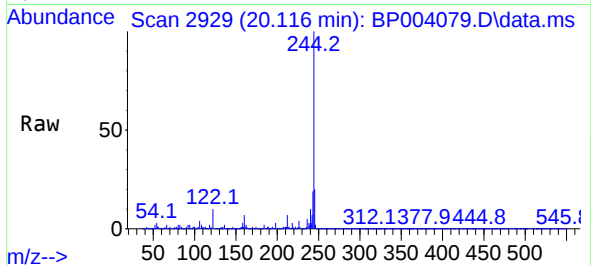




#79
Terphenyl-d14
Concen: 41.00 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

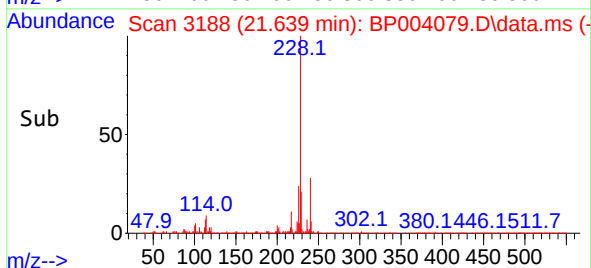
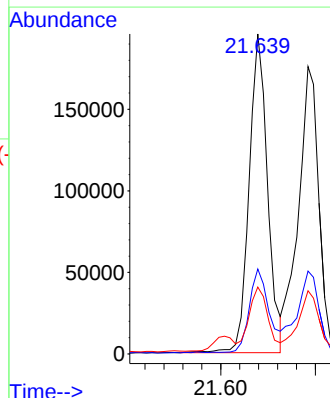
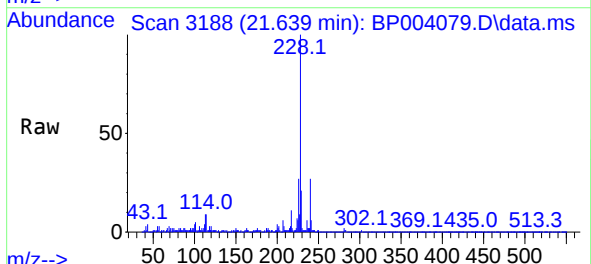
Instrument :
BNA_P
ClientSampleId :
TR-08-112320

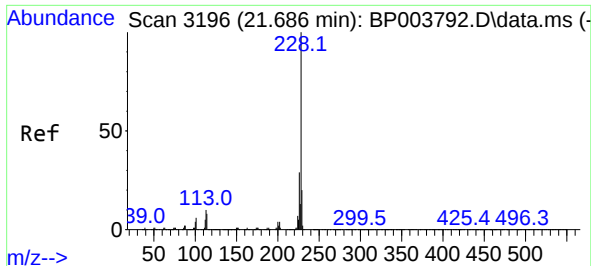
Tgt Ion:244 Resp: 1093589
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.5 7.8 11.8



#81
Benzo(a)anthracene
Concen: 7.79 ng
RT: 21.639 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:228 Resp: 264684
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 20.9 15.9 23.9



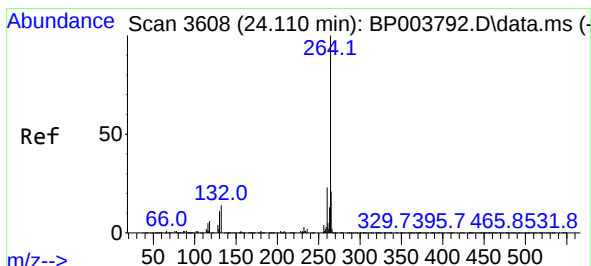
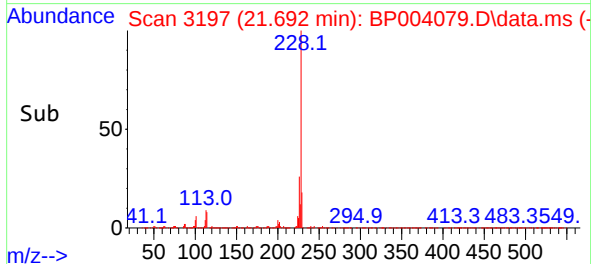
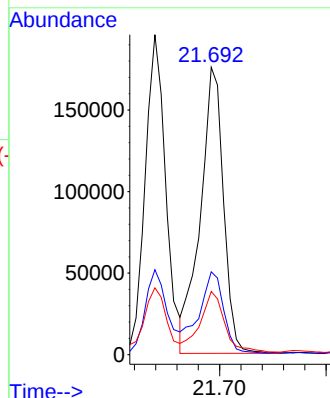
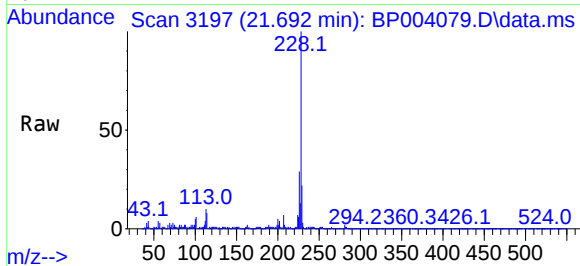


#83
Chrysene
Concen: 8.13 ng
RT: 21.692 min Scan# 3197
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

Tgt Ion:228 Resp: 265568

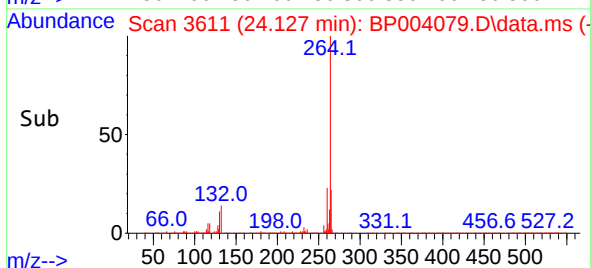
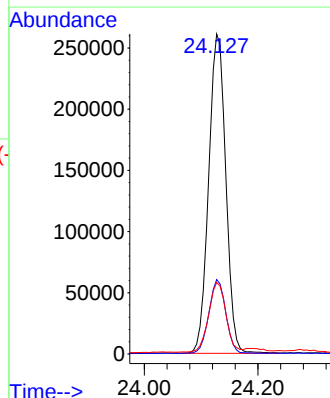
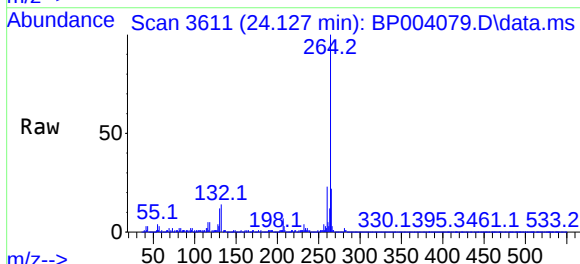
Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.4	36.6
229	22.0	15.8	23.6

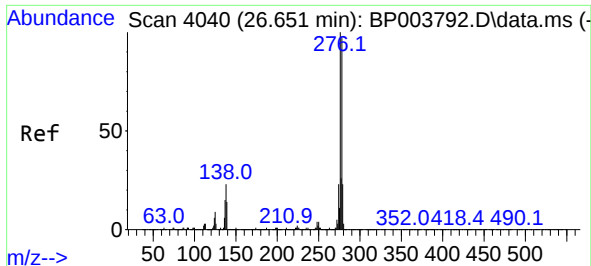


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:264 Resp: 545557

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.3	17.4	26.2

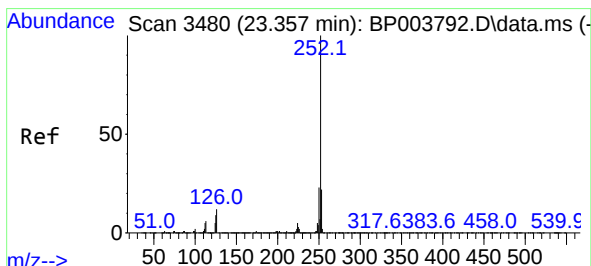
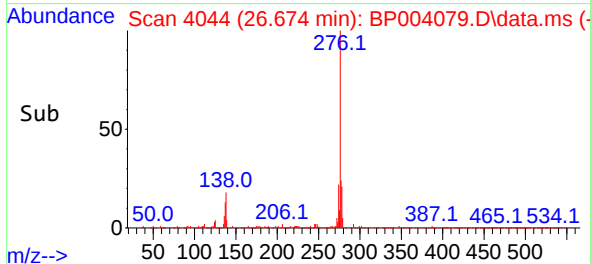
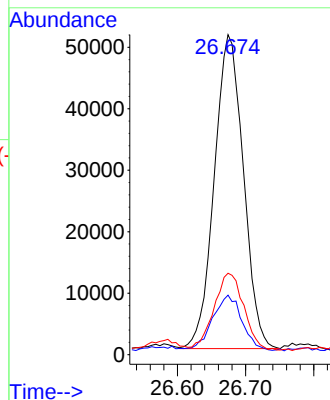
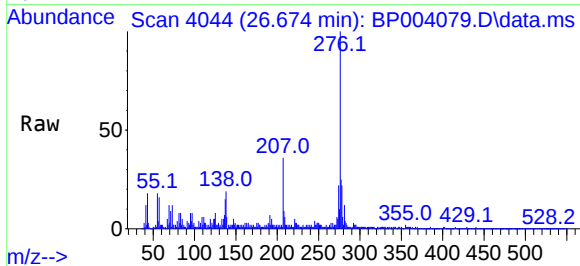




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.85 ng
RT: 26.674 min Scan# 4044
Delta R.T. -0.017 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

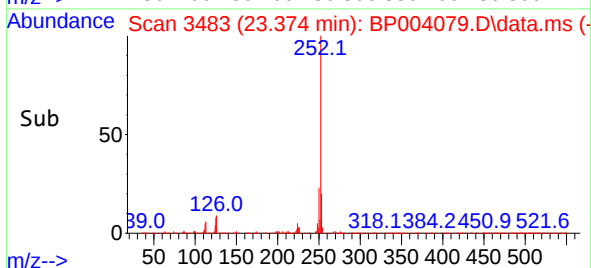
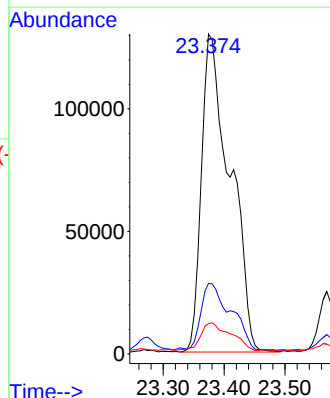
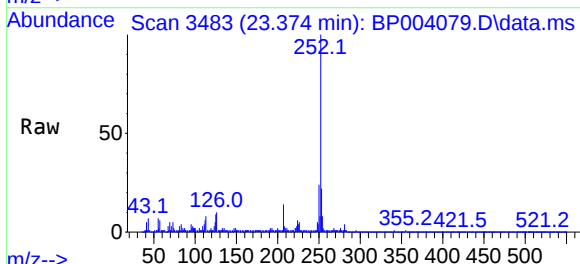
Instrument :
BNA_P
ClientSampleId :
TR-08-112320

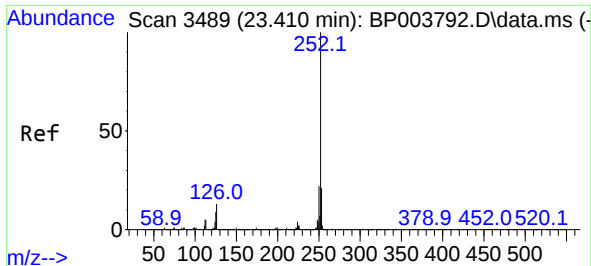
Tgt Ion:	276	Resp:	151489
Ion	Ratio	Lower	Upper
276	100		
138	17.7	18.7	28.1#
277	25.1	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 11.86 ng
RT: 23.374 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:	252	Resp:	423366
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.5	7.3	10.9

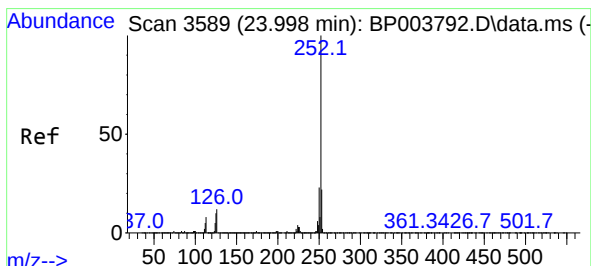
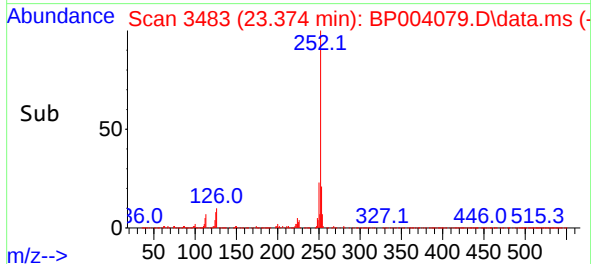
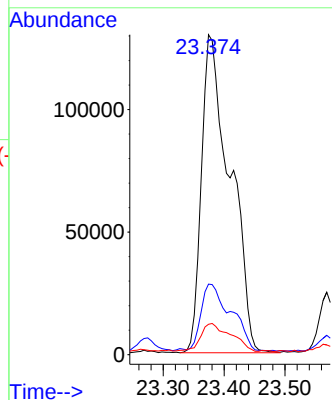
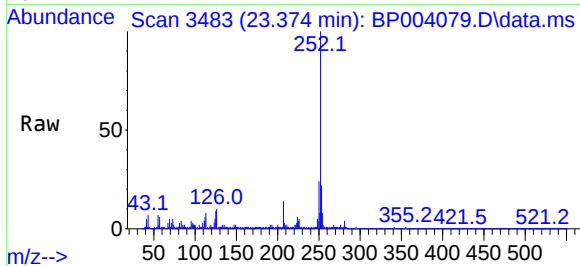




#89
Benzo(k)fluoranthene
Concen: 12.01 ng
RT: 23.374 min Scan# 3483
Delta R.T. -0.053 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

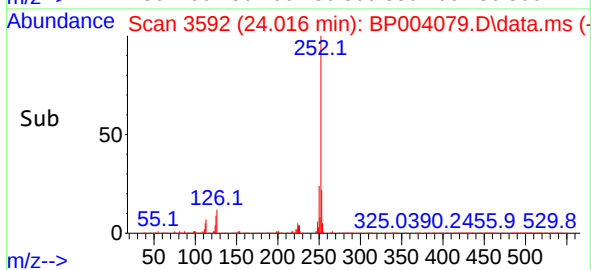
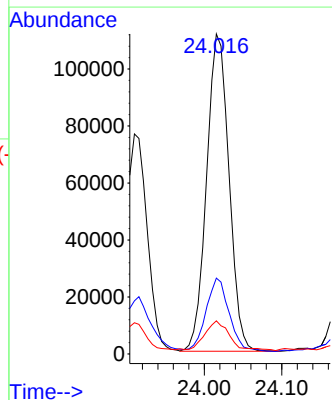
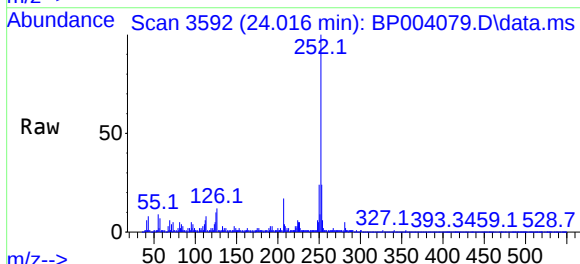
Instrument :
BNA_P
ClientSampleId :
TR-08-112320

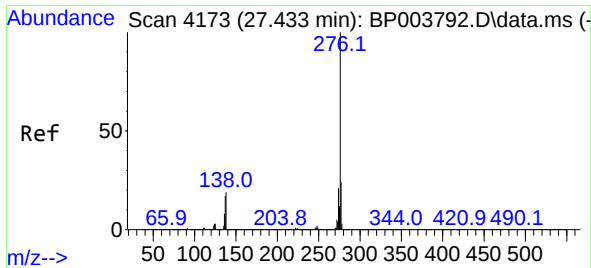
Tgt Ion:252 Resp: 423366
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 6.77 ng
RT: 24.016 min Scan# 3592
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

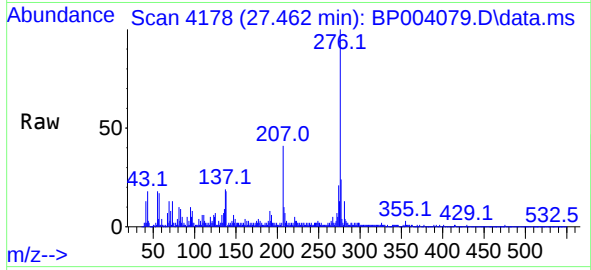
Tgt Ion:252 Resp: 223868
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.4 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 4.85 ng
RT: 27.462 min Scan# 4178
Delta R.T. -0.017 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Instrument :
BNA_P
ClientSampleId :
TR-08-112320



Tgt Ion:276 Resp: 154044
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 18.0 16.6 24.8

